AGNICO EAGLE

October 21, 2026 NWB File No.: 2AM-MEL1631

Ali Shaikh
Nunavut Water Board
PO Box 119
Gjoa Haven, NU X0B 1J0

Re: Response to Comments to 2AM-MEL1631 Water Licence Amendment – Operational Update – Technical Comments

Dear Mr. Shaikh,

Agnico Eagle thanks the Kivalliq Inuit Association, Crown-Indigenous Relations and Northern Affairs Canada, Environment and Climate Change Canada, and Fisheries and Oceans Canada for their comments and review on the Meliadine Mine Water Licence Amendment Application. Our responses are provided in the enclosed.

Agnico Eagle looks forward to a productive Technical Meeting and Pre-hearing Conference in Rankin Inlet November 17-18, 2026.

Should you have any questions or require further information, please contact the undersigned at your convenience.

Regards,



Colleen Prather, Ph.D., P.Biol.
Superintendent, Permitting & Regulatory Affairs
Agnico Eagle Mines Limited

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KIVALLIQ INUIT ASSOCIATION (KivIA)

Interested Party:	**KivIA**	**Rec No.:**	**KivIA-IR-1**
Re:	**Security Modification**		

Request Made by Interested Party:
The KIA remains concerned that saline water storage on site during operations presents a significant liability that is currently unaccounted for in the existing security agreement.

To facilitate discussions on updating the security with the KIA and CIRNAC, the Proponent should prepare the following:

a) Current and annual inventories of saline water stored in pits on site
b) Current and annual inventories of underground volume that could be used to offset the volume of saline stored without requiring treatment

In addition, the KIA is of the view that any indices used to approximate inflation during this security update should remain consistent for future updates.

Agnico Eagle's Response to Request:
Agnico Eagle notes that the maximum predicted inventory of saline water stored on-site during operations is 2.9 Mm^3 (WES02), compared to an estimated 7.1 Mm^3 of available underground storage capacity (6.4 Mm^3 in the Tiriganiaq underground workings and 684,830 m^3 in the Pump underground workings). This demonstrates there is sufficient capacity for underground storage and that current security liabilities are appropriate. Specific details to the reviewer's comment is provided below.

As specifics to the reclamation security are discussed through a separate avenue, Agnico Eagle suggests that approximate inflation to future updates be discussed at the specific security meetings and reviews.

Response to bullet a):
The current observed annual inventories of saline water stored on-site is reported through the NWB Annual Report. The latest information is provided in Section 3.2.2 (Figure 9 extracted below, observed data shown in grey diamonds) of the 2025 Water Licence Annual Report (note that this is still reflective of the current approved operational mine life of 2031). TIRI02 is currently the only pit used saline storage pond.

The predicted annual inventories of saline water stored on-site under this Water Licence Amendment Application are presented in Section 5.3 of the WBWQM Report (Appendix 4-C of the Application). The figures for the saline contact water collection ponds (TIRI02, PUMP02, and WES02) have been extracted and are presented below (Figures 5-16, 5-18, and 5-20 from Appendix 4-C of the Application). These figures also show the total available storage in each of TIRI02, PUMP02, and WES02.

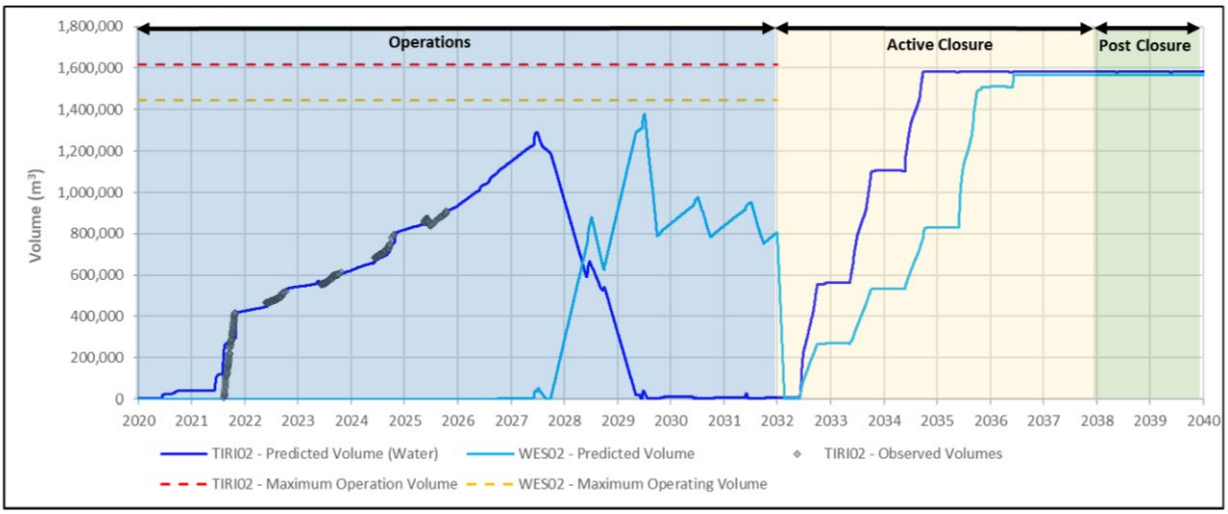


Figure 9: TIRI02 observed and WBWQM predicted volumes for both TIRI02 and WES02 during the Operations phase of the LOM and the Active and Post-Closure phases (measured and predicted values as reflected in the 2025 Annual Report)**

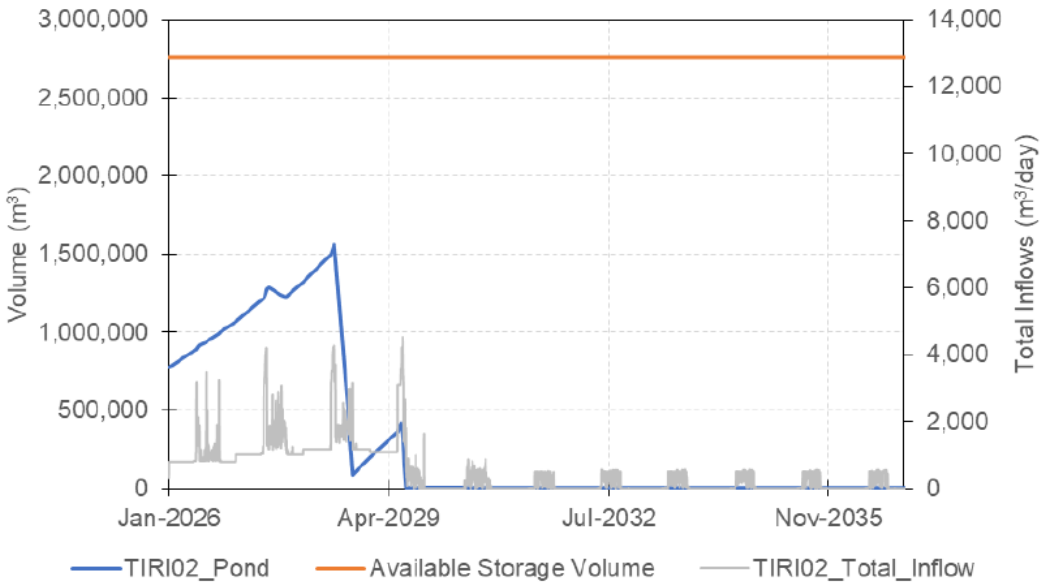


Figure 5-16: TIRI02 Pit daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

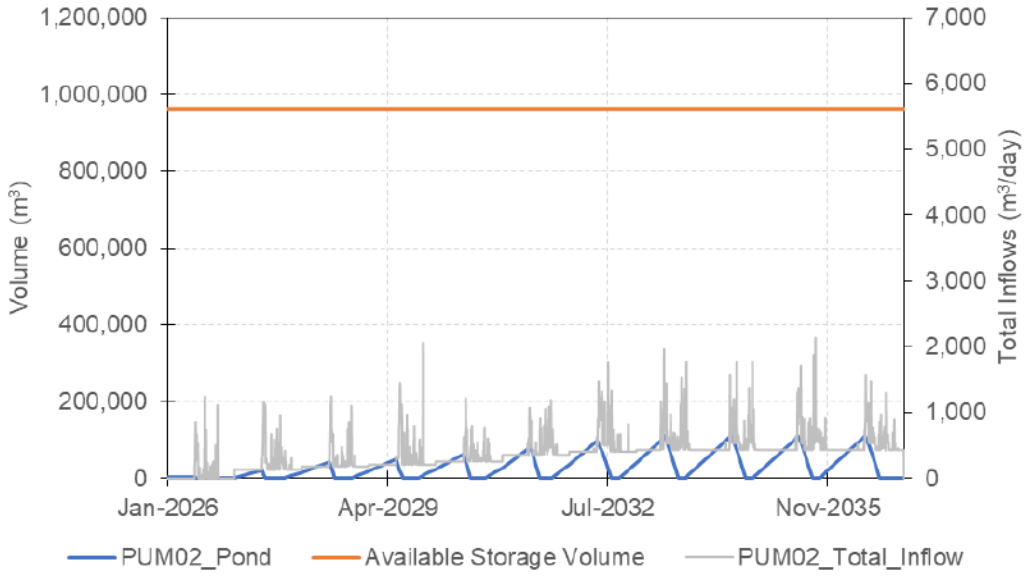


Figure 5-18: PUMP02 Pit daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

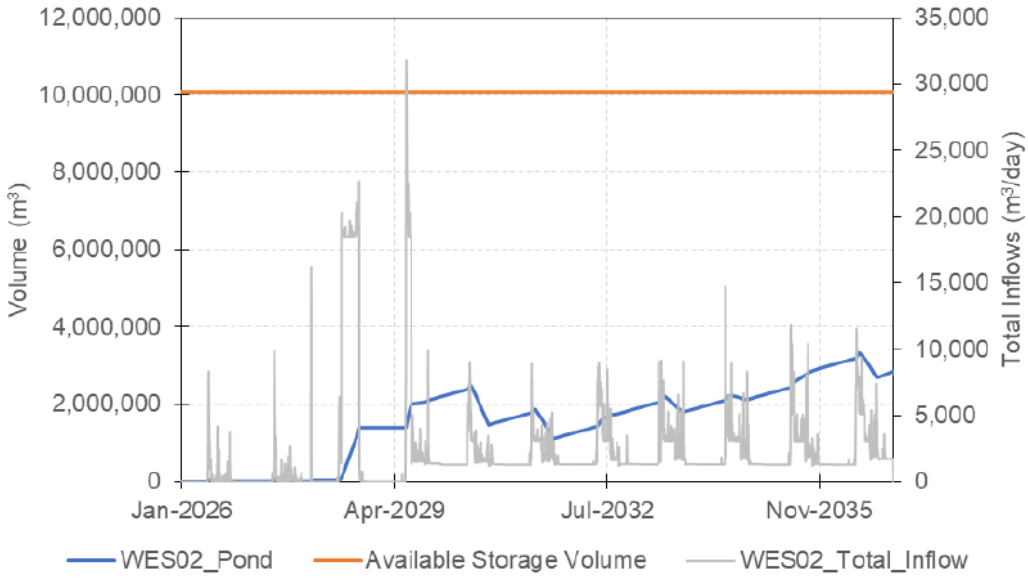


Figure 5-20: WES02 Pit daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

Response to bullet b):

The current and annual inventories of underground volume that could be used to offset the volume of saline water stored without requiring treatment are summarized in Table KivIA-1, below. Current projections indicate sufficient underground capacity to store saline water without requiring treatment. Also note that TIRI02 stores all the underground contact water and RO brine discharge until 2028. Volumes of RO discharge will be dependant on the volume of marginally saline water diverted from CP1. In 2028, all water stored in TIRI02 is transferred to WES02.

Table KivIA-1: Annual Operations Phase Water Balance for WES02 including year end volume and underground maximum capacities

Year	Inflows to WES02 (m^3/year)*		Outflows from WES02 (m^3/year)*			Active Volumes (m^3)**		
	passive inflows	saline inflows	evaporation	to CP1	to SETP	WES02 year end volume	TIRIGANIAQ COMPLEX UG Maximum available volume	Pump UG Maximum available volume
2026	87,811	0	1,017	77,188	0	9,606	3,102,511	22,278
2027	108,492	0	1,984	109,855	0	6,259	3,637,516	126,498
2028	99,112	1,912,706	10,962	0	612,000	1,395,115	4,216,393	210,154
2029	138,625	791,545	28,660	0	102,000	2,194,625	4,704,861	300,896
2030	91,618	559,539	30,839	0	1,224,000	1,590,943	5,071,398	391,864
2031	92,333	593,131	26,714	0	1,020,000	1,229,693	5,409,079	516,388
2032	134,133	641,393	23,589	0	102,000	1,879,630	5,691,225	670,871
2033	143,646	642,551	35,525	0	714,000	1,916,302	5,983,622	705,304
2034	128,148	646,358	37,032	0	408,000	2,245,776	6,194,726	739,160
2035	156,713	629,900	38,485	0	0	2,993,904	6,356,207	724,631
2036	108,766	669,491	38,182	0	1,020,000	2,713,979	6,436,901	684,308
TOTAL	**1,289,397**	**7,086,614**	**272,989**	**187,043**	**5,202,000**			

** values taken from Table 5-10 of the WBWQM Report (Appendix 4-C)*

*** values provided by Agnico Eagle mine planner as of October 2026*

Note: the available volume in the underground for water takes into account the backfilling of tailings (see CIRNAC-TC-03)

CROWN-INDIGENOUS RELATIONS AND NORTHERN AFFAIRS CANADA (CIRNAC)

Interested Party:	**CIRNAC**	**Rec No.:**	**CIRNAC-TC-01**
Re:	**Consistency of mine, milling and closure schedule**		

Request Made by Interested Party:
CIRNAC recommends that Agnico Eagle:

a) *Provide a reconciled annual life-of-mine production schedule that identifies ore mined, ore processed, year-end ore inventory, and tailings generated through depletion of the ore stockpiles; and*
b) *If the reconciled schedule indicates that milling may continue beyond 2036, identify the corresponding changes required to the mine operating period and demonstrate that the timing and assumptions used in the Water Management Plan, Mine Waste Management Plan, Water Balance and Water Quality Model, and Interim Closure and Reclamation Plan remain appropriate, or revise those documents as necessary.*

Agnico Eagle's Response to Request:
Response to bullet a):
The requested information is already reported in the NWB Annual Reports and will continue to be provided in future annual reports. The latest ore stockpile estimates (2019-2025) are presented in Table 10, and tailings estimates are presented in Table 12 of the 2025 Water Licence Annual Report (both tables extracted below). Annual changes in stockpile inventory reflect the difference between ore mined and ore processed, with stockpiles increasing when production exceeds processing capacity and decreasing when previously stockpiled ore is processed. The mine plan presented in the Application reflects a likely operating scenario at the time of submission. Actual mining and processing rates may vary over time, and updated ore inventory estimates will continue to be reported annually.

Response to bullet b):
Actual mining and processing rates may vary over time, and updated ore inventory estimates will continue to be reported annually. The Water Management Plan, Mine Waste Management Plan, Water Balance and Water Quality Model, and Interim Closure and Reclamation Plan are based on the most likely operating scenario at the time of submission and are considered appropriate for the current mine plan. Should future mine planning indicate that milling or operations are expected to continue beyond the currently projected mine life, Agnico Eagle would assess the implications of the revised schedule and update these plans, as necessary, through appropriate regulatory processes; however, milling beyond 2036 is not anticipated to require updates to plans as the management approach would continue.

Table 10: Ore and waste rock stockpiles on site excluding major locations (Tonnes) [1]

Date	Underground Ore	Open Pit Ore	Cumulative Ore	Waste Underground	Waste Open Pit	Waste Cumulative
19-Jan			176,779			101,661
19-Feb			170,116			148,632
19-Mar			138,423			195,971
19-Apr			117,832			208,337
19-May			105,348			123,660
19-Jun			125,705			20,280
19-Jul			127,396			16,966
19-Aug			113,351			22,843
19-Sep			118,412			12,360
19-Oct			123,236			18,384
19-Nov			129,868			49,420
19-Dec			144,088			499,600
20-Jan	192,736	-	192,736			83,489
20-Feb	220,468	-	220,468			110,236
20-Mar	199,258	-	199,258			85,623
20-Apr	151,789	-	151,789			No Survey
20-May	101,101	546	101,647			74,544
20-Jun	79,320	9,852	89,172			No Survey
20-Jul	61,716	22,316	84,032			13,173
20-Aug	61,192	31,358	92,550			31,952
20-Sep	61,547	38,956	100,503			10,620
20-Oct	72,106	48,205	120,311			46,017
20-Nov	71,357	82,890	154,247			No Survey
20-Dec	59,886	120,719	180,605			22,539

Date	Underground Ore	Open Pit Ore	Cumulative Ore	Waste Underground	Waste Open Pit	Waste Cumulative
21-Jan	107,237	57,802	165,039	1,188	-	1,188
21-Feb	103,517	74,224	177,741	-	-	-
21-Mar	99,629	51,213	150,842	1,055	2,100	3,155
21-Apr	112,868	56,981	169,849	1,164	11,261	12,425
21-May	135,807	70,344	206,151	1,164	5,149	6,313
21-Jun	155,799	7,163	162,962	-	5,149	5,149
21-Jul	135,738	11,654	147,392	880	-	880
21-Aug	148,165	33,289	181,454	880	-	880
21-Sep	185,426	50,689	236,115	880	11,825	12,705
21-Oct	178,361	113,103	291,464	-	-	-
21-Nov	202,190	187,688	389,878	-	-	-
21-Dec	204,988	217,296	422,284	-	-	-
22-Jan	2,169	-	2,169	1,571	1,364	2,935
22-Feb	1,273	-	1,273	-	-	-
22-Mar	289	-	289	10,880	-	10,880
22-Apr	658	-	658	84	-	84
22-May	720	-	720	13,819	-	13,819
22-Jun	2,292	-	2,292	18,885	4,445	23,330
22-Jul	1,068	-	1,068	5,620	-	5,620
22-Aug	1,013	-	1,013	8,653	-	8,653
22-Sep	777	-	777	1,180	-	1,180
22-Oct	3,009	-	3,009	10,275	1,469	11,744
22-Nov	1,312	-	1,312	2,746	-	2,746
22-Dec	1,820	-	1,820	54,176	-	54,176
23-Jan	4,966	-	4,966	2,746	-	2,747
23-Feb	468	-	468	67,538	-	67,538
23-Mar	3,526	-	3,526	57,731	1,628	59,359
23-Apr	1,908	-	1,908	84,125	9,984	94,108
23-May	1,095	-	1,095	58,254	111	58,365
23-Jun	2,965	-	2,965	5,686	-	5,686
23-Jul	936	-	936	9,347	-	9,347
23-Aug	781	-	781	13,294	-	13,294
23-Sep	3,891	-	3,891	13,274	-	13,274
23-Oct	1,123	-	1,123	13,686	-	13,686
23-Nov	7,185	-	7,185	4,701	-	4,701
23-Dec	1,860	-	1,860	12,308	-	12,308
24-Jan	248	-	248	4,588	-	4,588
24-Feb	5,104	-	5,104	5,481	-	5,481

Date	Underground Ore	Open Pit Ore	Cumulative Ore	Waste Underground	Waste Open Pit	Waste Cumulative
24-Mar	922	-	922	1,026	-	1,026
24-Apr	1,269	-	1,269	4,652	-	4,652
24-May	2,796	-	2,796	5,271	-	5,271
24-Jun	1,265	-	1,265	5,188	-	5,188
24-Jul	2,184	-	2,184	5,129	-	5,129
24-Aug	3,591	-	3,591	2,138	-	2,138
24-Sep	1,323	-	1,323	2,460	-	2,460
24-Oct	7,062	-	7,062	328	-	328
24-Nov	8,674	-	8,674	3,044	-	3,044
24-Dec	2,815	-	2,815	3,044	-	3,044
25-Jan	1,563	-	1,563	2,034	-	2,034
25-Feb	7,273	4,019	11,292	8,116	-	8,116
25-Mar	7,030	13,536	20,566	6,098	-	6,098
25-Apr	9,384	18,534	27,917	6,015	-	6,015
25-May	8,031	16,828	24,859	5,086	-	5,086
25-Jun	5,567	5,150	10,717	1,279	-	1,279
25-Jul	2,024	-	2,024	523	-	523
25-Aug	3,660	-	3,660	2,919	-	2,919
25-Sep	3,533	-	3,533	4,399	-	4,399
25-Oct	3,522	-	3,522	3,720	-	3,720
25-Nov	4,193	-	4,193	7,987	-	7,987
25-Dec	3,203	-	3,203	6,671	-	6,671

Table 12 : 2025 Volumes of Material Placed in TSF and Paste Plant

	Tailings Placed in TSF (m^3)	Waste Rock Placed TSF (m^3)	Tailings sent to paste plant for placement underground (m^3)
January	136,712	10,795	17,954
February	87,511	3,536	17,009
March	110,228	11,032	20,292
April	93,727	17,391	16,459
May	119,739	16,108	20,776
June	83,550	17,227	9,271
July	95,624	8,916	13,157
August	119,858	7,382	15,950
September	94,687	8,180	16,875
October	115,345	19,004	17,430
November	119,119	8,215	25,433
December	95,620	14,485	19,878
Total 2025	1,271,720	142,271	190,607
Total at end of 2025	5,964,189	764,068	-
Remaining Capacity	654,069	511,057	-

Interested Party:	CIRNAC	Rec No.:	CIRNAC-TC-02
Re:	Ore storage capacity		

Request Made by Interested Party:

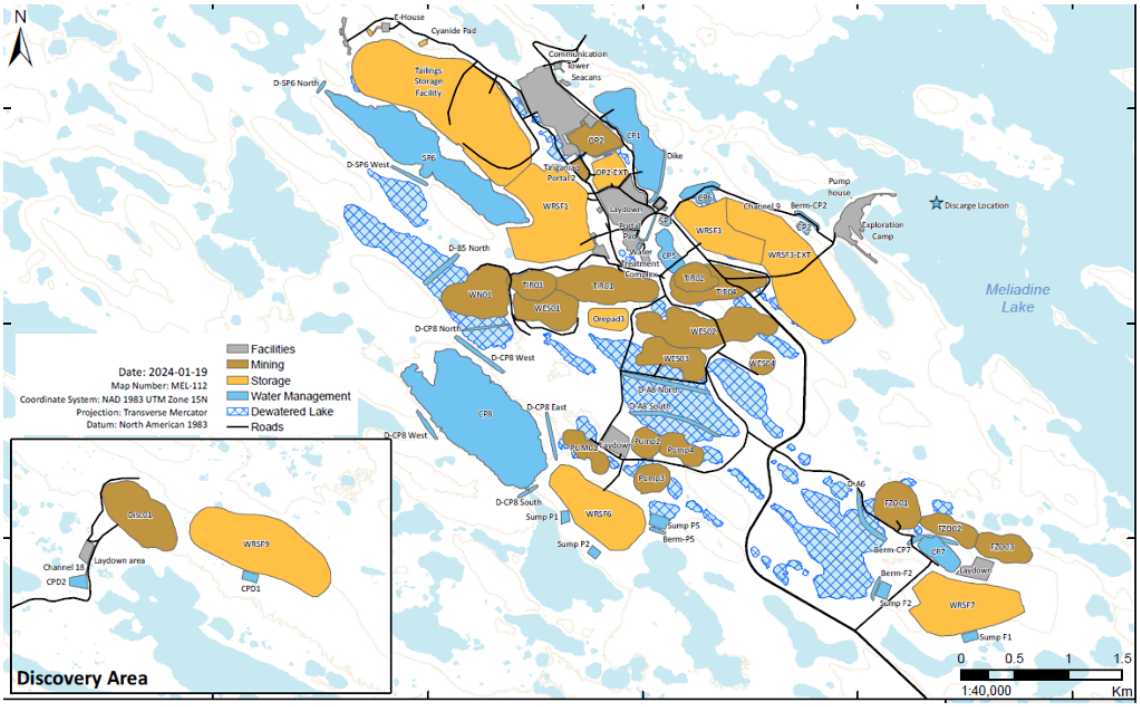
CIRNAC recommends that Agnico Eagle clarify in which documents ore storage pad OP3 is discussed and where it was approved.

Agnico Eagle's Response to Request:

As stated by the reviewer, details of Ore Pad 3 have not yet been integrated into the Ore Storage Management Plan because it has not yet been designed. This new pad would be designed and notification for construction would be submitted to the NWB prior to its use. This Ore Pad 3 was shown as a figure in the 2024 Water Licence Amendment Application Main Document, as well as in the relevant Management Plans that were part of that application. Ore Pad 3 is located south of the TIRI01 pit and between WES01 and WES02 pits. Runoff generated from the ore pad is captured by the existing site water management infrastructure and ultimately reports to CP1.

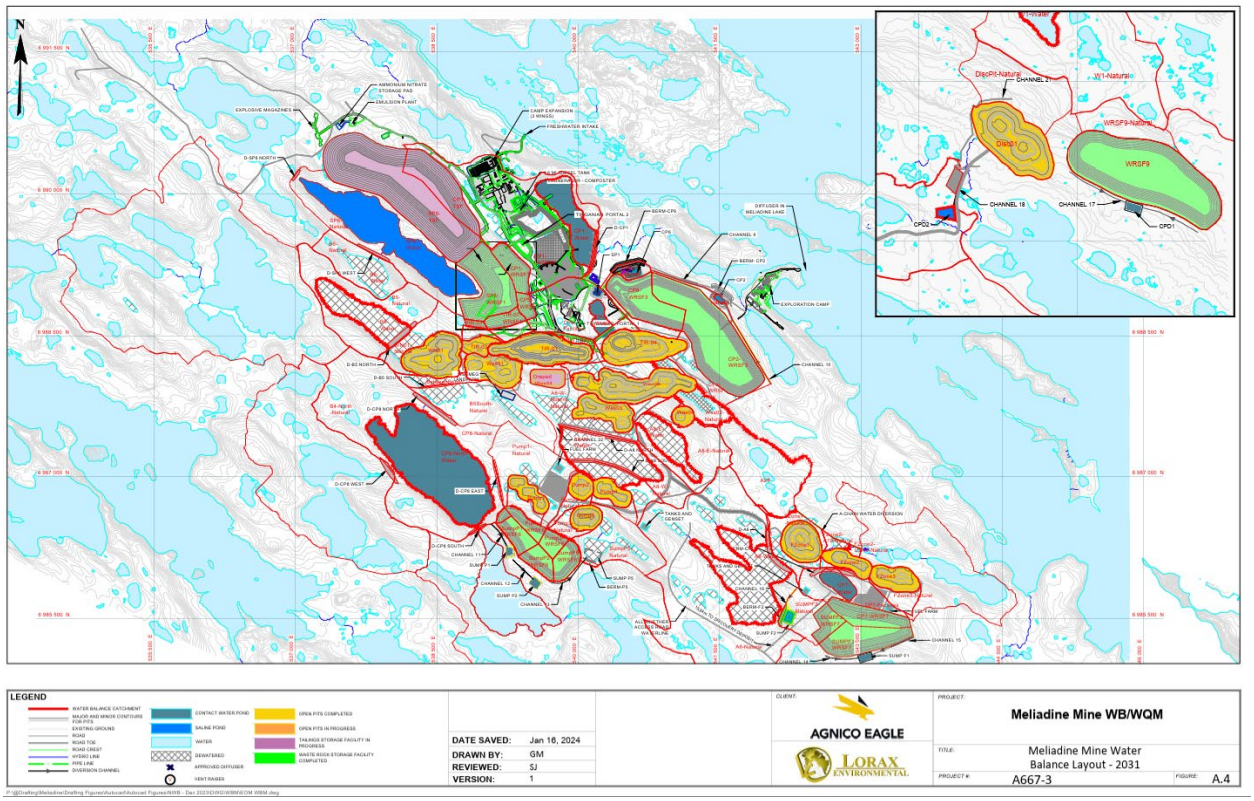
MELIADINE MINE WATER LICENCE AMENDMENT — MAIN APPLICATION DOCUMENT

Figure 1.2-1: Meliadine Mine Water Licence Amendment General Site Plan



January 2024 — 9 — AGNICO EAGLE

Furthermore, it was also accounted for the in the 2024 Water Balance Water Quality Model:



Interested Party:	CIRNAC	Rec No.:	CIRNAC-TC-03
Re:	Life-of-mine tailings mass balance		

Request Made by Interested Party:

CIRNAC recommends that Agnico Eagle provide the corrected annual life-of-mine tailings mass balance in which total tailings generated are accounted for, and confirm there is sufficient capacity for the increased underground backfill.

Agnico Eagle's Response to Request:

Agnico Eagle thanks CIRNAC for identifying the discrepancy. The corrected annual life-of-mine tailings mass balance, which fully accounts for total tailings generated, is provided below (corrected values highlighted). Agnico Eagle confirms that sufficient underground backfill capacity exists to accommodate the revised tailings volumes (see KivIA-TC-1). The Mine Waste Management Plan will be updated to reflect the corrected mass balance and submitted within 60 days from Minister approval of the Water Licence Amendment.

Year	Mine Year	Tailings Solids from Mill (t)	Tailings Solids to be Used as Underground Backfill (t)	Tailings Solids to be Placed in Dry Stacked TSF (t)	Tailings placed in-pit (t)
2019*	Yr -6	976,706	113,892	862,814	
2020*	Yr -5	1,393,722	301,469	1,092,253	
2021*	Yr -4	1,714,892	351,037	1,363,855	
2022*	Yr -3	1,756,971	445,558	1,311,414	
2023*	Yr -2	1,918,143	348,648	1,569,495	
2024*	Yr -1	1,966,236	423,493	1,542,743	
2025*	Yr 1	2,351,003	252,665	2,098,338	
2026*	Yr 2	2,372,500	375,433	1,997,067	
2027	Yr 3	3,102,500	377,548	2,724,952	
2028	Yr 4	3,111,000	388,072	2,722,928	
2029	Yr 5	3,102,500	418,673	2,683,827	
2030	Yr 6	3,102,500	595,359	2,507,141	
2031	Yr 7	3,102,500	585,192	2,517,308	
2032	Yr 8	3,111,000	589,891	2,521,109	
2033	Yr 9	3,102,500	585,787	2,516,713	
2034	Yr 10	3,102,500	588,485	2,514,015	
2035	Yr 11	3,102,500	579,662	2,522,838	
2036	Yr 12	3,111,000	574,152	2,536,848	
Total (t)		45,500,673	7,895,017	37,605,656	

* End of year total mined values

** Preliminary Estimate

Interested Party:	**CIRNAC**	**Rec No.:**	**CIRNAC-TC-04**
Re:	**Management of increased waste from increased camp size**		

Request Made by Interested Party:
CIRNAC recommends that Agnico Eagle confirm the next update to the Incineration and Composter Waste Management Plan will include an update to the waste volumes generated to reflect the increase camp capacity.

Agnico Eagle's Response to Request:
Agnico Eagle will update the Incineration and Composter Waste Management Plan (Appendix 5-H) to reflect the increase in camp capacity from 680 to 900 persons and submitted within 60 days from Minister approval of the Water Licence Amendment.

Interested Party:	CIRNAC	Rec No.:	CIRNAC-TC-05
Re:	Relocation of undergrounds in thermal model		

Request Made by Interested Party:
CIRNAC recommends that Agnico Eagle:

a) Identify on illustrations which undergrounds were relocated and where they are actually located;
b) Explain the decision to model undergrounds deeper below the pits than their actual locations;
c) Describe the impact on model results of relocating undergrounds, including how the thickness of the layer colder than -3 °C below pits TIRI02 and PUMP02 might be altered; and
d) Discuss how the conclusions of the Thermal Assessment and Groundwater Modelling might change if the undergrounds had not be relocated in the thermal model.

Agnico Eagle's Response to Request:
Response to bullet a), b):
At the time the thermal model was created, the depth of the underground was conceptual. For that reason, a conservative 100 m crown pillar was chosen for modelling purposes which is the depth recommended by the Mine Health and Safety Regulations by the Worker's Safety and Compensation Commission (WSCC). Mining within the 100 m crown pillar requires a WSCC exemption which was not confirmed at the time of modelling. Following the exemption approval, the Tiriganiaq underground will be constructed 75 m below pits filled with water, and Pump underground will be constructed 100 m below pits filled with water, as modelled.

Response to bullet c, d):
Using conservative assumptions in the model offsets the minimal change from 100 m to 75 m crown pillar in the Tiriganiaq underground. The conservative model assumptions are described below:

- Pits were assumed to be instantaneously excavated and filled at the start of operations.
    - The model does not consider any freeze-back that would happen during excavation that could lead to colder initial temperatures beneath the pit at the time of flooding.
- The use of a two-dimensional model which does not capture the dynamics of three-dimensional heat transfer.
    - All heat generated from underground workings and flooded pits is dissipated over two dimensions. In reality, portions of the heat generated from operations would dissipate in three-dimensions perpendicular to the cross section.

Interested Party:	**CIRNAC**	**Rec No.:**	**CIRNAC-TC-06**
Re:	**Water quality of predicted inflows to PUMP04 Pit**		

Request Made by Interested Party:
CIRNAC recommends that Agnico Eagle clarify the predicted TDS concentration from groundwater inflowing into PUMP04 pit in 2032 and describe the impact of the discrepancy on predicted concentration results presented in the WBWQM.

Agnico Eagle's Response to Request:
The TDS value of 100 mg/L for PUMP04 groundwater inflows in 2032 originally presented in Table 3-5 of the WBWQM report was a typo in the reporting only. The correct value is 1,000 mg/L, consistent with the value in Table 2 of Groundwater Modelling Memo (Appendix 4-B), and this is the value that is used as input to the WBWQM.

For clarity, the correct value (1,000 mg/L) was used in the WBWQM.

The WBWQM report has been updated to fix this error and is submitted in Appendix A of this response package.

Interested Party:	**CIRNAC**	**Rec No.:**	**CIRNAC-TC-07**
Re:	**Water quality modelling predictions past 2099**		

Request Made by Interested Party:
CIRNAC recommends that Agnico Eagle share the post-closure water quality predictions of the WBWQM for the entire modelling period of 2039 to 2119.

Agnico Eagle's Response to Request:
The truncation of model results to end-2099 was the result of a formatting error. Appendix D of the WBWQM report (see Appendix A of this response package) has been updated to show predictions to December 2119 to address this error.

Interested Party:	**CIRNAC**	**Rec No.:**	**CIRNAC-TC-08**
Re:	**Modelled post-closure water quality**		

Request Made by Interested Party:
CIRNAC recommends that Agnico Eagle:

a) *Provide rationale for not presenting water quality model prediction results that do not meet applicable guidelines during post-closure in the main body of the report;*
b) *Explain the cause for increased post-closure predictions for cobalt concentrations between the 2025 and 2026 models;*
c) *Explain why the water chemistry at WES04 has increasing parameter concentration trends for TDS, Chloride, sulphate, ammonia and mercury, which differs from long-term forecasts in other pits; and*
d) *Discuss measures that could improve water quality outcomes in post-closure for the guideline exceedances identified above.*

Agnico Eagle's Response to Request:
The WBWQM report was revised to address this comment and is included as Appendix A of this response package. Please see details below:

Response to bullet a):
The water quality predictions for collection ponds presented in Appendix D3 of the WBWQM report for the post-closure period are artefacts of simulated mine component seepage entering the model immediately upstream of each pond. During Active Closure, water from these ponds will be routed to CP1 and the ponds will subsequently be dewatered and decommissioned to restore pre-development drainage patterns. While the pond nodes were retained in the model as prediction points, they are not expected to retain water following decommissioning and therefore do not represent receiving environment conditions.

These decommissioned pond nodes were inadvertently screened against receiving environment criteria. This error has been corrected in the revised report included with this response package. The exceptions are CP7, which is a Schedule 2 waterbody and is appropriately screened against terrestrial water quality guidelines, and CP1, which is screened against the applicable water quality objectives, consistent with the flooded conjoined pits and other downstream receiving waterbodies.

Following correction of the screening criteria, the only remaining receiving environment exceedance identified in the post-closure predictions outside of phosphorus and several parameters in WES04 (discussed below) is mercury (Hg) in Lake J1. The maximum predicted concentration in Lake J1 is 0.0000263 mg/L, which is marginally above the applicable guideline of 0.000026 mg/L. This negligible exceedance is considered an artefact of the mercury dataset, which contains a large proportion of results

reported at the method detection limit (MDL). Given the extremely small magnitude of the exceedance and the uncertainty associated with MDL-censored data, the predicted concentration is considered highly conservative.

Response to bullet b):
Cobalt concentrations have increased as a result of the updated WRSF and TSF source term calibration. This recalibration resulted in a 20% decrease in the TSF cobalt source term and a 90% increase in the waste rock facility source terms. These changes do not result in any operations or post-closure exceedances. The exceedances identified in the Appendix D screening tables were reported in error due to the application of incorrect screening criteria. This issue has been corrected in the revised report submitted with this response package.

Response to bullet c):
The ratio of exposed pit walls in WES04 (0.84 ha) to surrounding catchment area (0.2 ha) is approximately 4:1, which along with a large water surface area (4.17 ha) results in evapoconcentration of the pit wall loadings within this flooded pit. The predicted exceedances are largely a result of these physical characteristics of the pit.

Response to bullet d):
Potential measures that may improve post-closure water quality outcomes would focus on reducing the influence of the physical characteristics of the WES04 pit lake water quality. For example, connecting WES04 flooded pit with a nearby pit lake via a channel. The feasibility and effectiveness of any such measures would be evaluated through the closure planning process (e.g., Part J, 2: "*The Licensee shall submit to the Board for approval, at least twelve (12) months prior to the expected end of planned mining, a Final Closure and Reclamation Plan*") and/pr future updates to the WBWQM. As part of Part E, Item 11 of the Water Licence:

> *Part E, Item 11: The Licensee shall, at least ninety (90) days prior to starting of the next phase (Closure, Post-closure) of mine development, submit an updated Water Management Plan to the Board for approval in writing to reflect all changes in operations and/or technology. The Plan shall include updated Water Balance and Water Quality Forecast, and an action plan to be implemented, if predicted Water quality indicates that treatment is necessary.*

Interested Party:	**CIRNAC**	**Rec No.:**	**CIRNAC-TC-09**
Re:	**Water balance catchment areas**		

Request Made by Interested Party:
CIRNAC recommends that Agnico Eagle:

a) *Clarify in which instances which of the four sources of information on catchment areas in the WBWQM report were used as input to the water balance;*
b) *Explain the inconsistencies noted above to allow reviewers to confirm that all catchment areas are consistently accounted for in the WBWQM; and*
c) *Use consistent names for water catchment areas throughout the WBWQM report in future reports.*

Agnico Eagle's Response to Request:
The noted discrepancies were attributable to updates to the site water management plan nomenclature, which were incorporated into the WBWQM but not consistently reflected throughout the report. The discrepancies noted have been addressed in the updated WBWQM report (see Appendix A of this response package).

For clarity, there were discrepancies in the nomenclature used on the site maps which have been corrected in the updated report, but no revisions or updates to the models were required and therefore predictions have not changed between report versions.

Response to bullet a):
Catchment areas used in the model reflect the mine plan as stated in the main body of the WBWQM report. The table in Appendix A2 showing the Discovery area development has been updated to show development beginning in 2028 to match the model inputs.

Response to bullet b):
The collection pond formerly named SP6 (previously a saline collection pond) has been revised to CP7 to reflect its planned use for transient storage of excess surface contact water from CP1. CP7 was used previously to refer to a collection pond in the dewatered footprint of Lake A52, in the FZONE area. The water management plan for this area has been updated in the latest submission, and while Lake A52 is still dewatered, it is no longer used as a local contact water collection pond. All site maps, flow diagrams, and the catchment area table in Appendix A2 have been updated to reflect this change. As this logic was already coded in the WBWQM, no model updates or revisions to water quantity or quality predictions are necessary.

Response to bullet c):
The nomenclature for CP2.5 has been updated to CP8, and Appendix A2 and the maps in the main body of the report have been updated to match.

Interested Party:	CIRNAC	Rec No.:	CIRNAC-TC-10
Re:	Saline water treatment and site water management		

Request Made by Interested Party:
CIRNAC recommends that Agnico Eagle:

a) *Discuss the predicted timeline for completing the ammonia-management approach for saline water, notice period, and treatment system construction/installation; and*
b) *Identify how material limitations or delays in implementation of ammonia treatment would be managed with respect to on-site saline-water storage and the allocation of waterline capacity between saline and surface contact water.*

Agnico Eagle's Response to Request:

Response to bullet a):

Agnico Eagle is currently advancing the design of the ammonia-treatment component of the Saline Effluent Treatment Plant (a component of the SETP-WTC). Construction of the ammonia-treatment is currently scheduled for 2027, with testing and commissioning targeted for 2028. Additional information on the SETP will be provided through the 60-day construction notice process as per Part D, Item 1 of the Water Licence.

Response to bullet b):

Should implementation of ammonia treatment be delayed beyond the current schedule, saline water can continue to be stored within existing site water management infrastructure (primarily WES02 pit) while available waterline capacity is prioritized for management of contact water during this period. As shown in Figure 5-18 of the WBWQM Report (Appendix 4-C), WES02 has sufficient capacity.

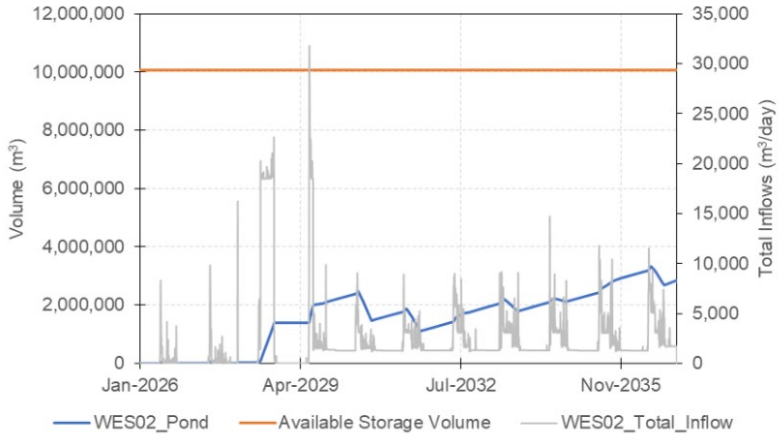


Figure 5-20: WES02 Pit daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

Interested Party:	**CIRNAC**	**Rec No.:**	**CIRNAC-TC-11**
Re:	**Hydrodynamic model calibration**		

Request Made by Interested Party:
CIRNAC recommends that Agnico Eagle specify what in-situ water quality observations collected in Meliadine Lake were used to calibrate the Meliadine Lake hydrodynamic model or clarify in which document the calibration is described.

Agnico Eagle's Response to Request:
The Meliadine Lake model was calibrated predominantly using Supporting Documents of the 2014 FEIS (e.g., SD 7-1 and SD 7-2, Volume 7, Freshwater Environment), with water temperatures, Total dissolved solids (TDS) concentrations and water levels lake data ranging from the late 1990s to 2010.

The subsequent model validation against the AEMP data collected from 2018–2024 (Azimuth, 2025), confirmed the adequacy of the calibration.

This was supplemented by DHI's experience with similar northern lakes, particularly regarding freeze-up, ice melt, and overall seasonal water temperature ranges.

References:
Agnico Eagle. 2014. Meliadine Gold Project, Nunavut. Final Environmental Impact Statement (FEIS). Submitted to the Nunavut Impact Review Board. April 2014. Supporting Documents SD 7-1 and SD 7-2, Volume 7, Freshwater Environment, 2012.

Azimuth. 2025. Aquatic Effects Monitoring Program 2024 Annual Report – Meliadine Mine. March 27, 2025.

Interested Party:	**CIRNAC**	**Rec No.:**	**CIRNAC-TC-12**
Re:	**Long-term fate of saline water placed in underground workings at closure**		

Request Made by Interested Party:
CIRNAC recommends that Agnico Eagle provide a timeline for development of an updated technical assessment of the long-term fate of saline water proposed for placement in the Tiriganiaq and Pump underground workings. The assessment should consider:

a) *The anticipated final underground configuration and the volume and chemistry of saline water proposed for placement underground;*
b) *Density-dependent groundwater flow, hydraulic recovery, and permafrost conditions; and*
c) *Potential hydraulic connections with flooded pits and surface-water receptors, with the results used to confirm or, if necessary, revise the proposed closure water management strategy and associated monitoring and contingency measures*

Agnico Eagle's Response to Request:
Response to bullet a) and b):
As per Part J, 2: "*The Licensee shall submit to the Board for approval, at least twelve (12) months prior to the expected end of planned mining, a Final Closure and Reclamation Plan*". The FCRP may include supporting documents such as a Hydrogeological Model (including groundwater flow connections), Thermal Evaluation, Water Balance and Water Quality Model, and Human Health and Ecological Risk Assessment (including surface water receptors), in addition to many more documents. These documents will confirm the closure water management strategy, associated monitoring, and mitigation or contingency as necessary.

Response to bullet c):
Furthermore, as stated in the WBWQM Report (Appendix 4-C), the potential hydraulic connections between flooded pits and surface-water receptors have already been considered. The WBWQM assumes that "*open pits will have been flooded with Meliadine Lake water, water management infrastructure will have been decommissioned, and mine site waterbodies will begin to discharge passively*" and "*additional monitoring data collected through the life of mine will be used to update Post-Closure model predictions*" (Section 6.3). This scenario forms the basis of the closure and post-closure water quality predictions.

Interested Party:	**CIRNAC**	**Rec No.:**	**CIRNAC-TC-13**
Re:	**Deficiencies in hydrological model**		

Request Made by Interested Party:
CIRNAC recommends that Agnico Eagle address the deficiencies noted above when they revisit the hydrological model once the hydrology monitoring program is complete.

Agnico Eagle's Response to Request:
As stated during the 2024 Water Licence Amendment NWB Public Hearing (241025_2AM-MEL1631 Reasons for Decision-OASE Final.pdf), Agnico Eagle committed to collecting streamflow and water-level data at both Meliadine Lake outlets over a three-year period (2024–2026) and it is the intention to incorporate all data collected through this program into future model updates. The updated model and supporting data are expected to be provided through the Annual Report process following completion of the initial three-year monitoring period.

The hydrological model submitted with the Operational Update application (Appendix 4-D) incorporates updated bathymetric data, lake-level observations collected in 2024–2025, and climate data. These inputs have supported effective model calibration, particularly under open-water (ice-free) conditions. The data deficiencies identified in the hydrology report relate to gaps in the historical baseline record that cannot be addressed retrospectively through field monitoring. Continued monitoring provides additional data to support model validation and refinement.

Interested Party:	**CIRNAC**	**Rec No.:**	**CIRNAC-TC-14**
Re:	**Closure freshwater withdrawal and pre-closure hydrological assessment**		

Request Made by Interested Party:
CIRNAC recommends that Agnico Eagle provide a timeline for development of an updated Meliadine Lake hydrological assessment. The updated assessment should:

a) *Incorporate the hydrometric record available at that time, include an appropriate baseline or no-withdrawal comparison, and evaluate the effects of the proposed closure withdrawals on Meliadine Lake levels and discharge through both lake outlets under relevant hydrological and climate conditions; and*
b) *Be used to establish an adaptive closure withdrawal strategy, including monitoring and response criteria for adjusting or suspending withdrawals if required.*

Agnico Eagle's Response to Request:
Response to bullet a):
Agnico Eagle has provided a sensitivity analysis evaluating the effects of proposed operational and closure water withdrawals from Meliadine Lake relative to baseline conditions (no mine withdrawals), including the associated effects on lake outflows. Details are provided in the response to DFO-TRC-01 and the DHI *Impact of Freshwater Withdrawals for Mine Operation and Mine Closure Scenarios on Lake Volume, Lake Level and Flow* (Appendix B of this response package). As noted in the response to CIRNAC-TC-13 (with reference to a commitment made during the 2024 Water Licence NWB Public Hearing; 241025 2AM-MEL1631 Reasons for Decision-OASE Final.pdf), an updated hydrological model will be provided through the Annual Report process following completion of the first three years of monitoring.

Response to bullet b):
In accordance with Part J, 2: "*The Licensee shall submit to the Board for approval, at least twelve (12) months prior to the expected end of planned mining, a Final Closure and Reclamation Plan*". The FCRP may include supporting documents such as a Meliadine Lake Hydrology Model, Human Health and Ecological Risk Assessment, and additional relevant documents. These documents will confirm the closure water withdrawal strategy, and if appropriate consider criteria to guide water withdrawal rates.

ENVIRONMENT AND CLIMATE CHANGE CANADA (ECCC)

Interested Party:	**ECCC**	**Rec No.:**	**ECCC-TRC-01**
Re:	**Guidelines for listed waterbodies**		

Request Made by Interested Party:
ECCC continues to recommend that the ICRP be updated to specify preliminary water quality criteria for closure that will be protective of aquatic life for all waterbodies, since, at closure, waterbodies will all be reconnected to the fish bearing regional surface water system regardless of their Schedule 2 status as tailings impoundment areas.

ECCC also recommends that the water balance and water quality model be updated to reflect these changes as the current model is still comparing predicted water quality in certain lakes against terrestrial protection guidelines.

Agnico Eagle's Response to Request:
This comment was previously raised as part of the 2024 Water Licence Amendment process and our position remains unchanged. When a waterbody is added to Schedule 2 of the MDMER this is based on an assumption that the waterbody is no longer fish habitat. This is one of the reasons a Fish Offsetting Plan is prepared to support such applications.

In accordance with Section 28 of the MDMER, water/effluent from the mine area must be deposited through a final discharge point (as defined in the MDMER), must not be acutely lethal (as defined in the MDMER), and it must be in compliance with the maximum authorized concentrations of prescribed deleterious substances described in Schedule 4 of the MDMER.

In other words, the MDMER:

- Do not prescribe <u>any</u> conditions related to the quality of water in an area listed on Schedule 2 of the MDMER.
- Do prescribe conditions related to discharge from the final discharge point.

The Type A Water Licence should not include any criteria for water quality within the water bodies that are added to Schedule 2 of the MDMER, because this would entirely contradict the MDMER.

Even if the Meliadine Mine becomes a recognized closed mine, unless and until these water bodies are removed from Schedule 2, it is Agnico Eagle's understanding that the legal status of these waterbodies would not change, and that ECCC would continue to have no legal authority to prescribe any conditions related to the quality of water in these waste deposition areas, since they would continue to be listed on Schedule 2.

That said, Agnico Eagle recognizes ECCC's underlying concern. If and when Agnico Eagle decides to seek authorization to reconnect these water bodies to the regional surface water system, it will engage with the appropriate authorities within the Government of Nunavut and the NWB.

FISHERIES AND OCEANS CANADA (DFO)

Interested Party:	**DFO**	**Rec No.:**	**DFO-TRC-01**
Re:	**Hydrology Modelling – Downstream Impacts**		

Request Made by Interested Party:
DFO recommends the Proponent provide modeled flow rates (m3/s) for the Meliadine River and Diane River, that conform to DFO's Framework for Assessing the Ecological Flow Requirements to Support Fisheries in Canada (2013) and includes the following:

- *modeled flows under operational water use volumes;*
- *modeled flows under closure water use volumes;*
- *comparison of modeled flows with 10% instantaneous flow;*
- *comparison of modeled flows with 30% MAD;*
- *open water and under-Ice discharge rating curves for both outlets; and*
- *a minimum of 20 years of river flow data (if available) to establish the "natural flow regime", for baseline comparison.*

Agnico Eagle's Response to Request:
Agnico Eagle conducted additional modelling exercises to address this DFO comment, with results presented in Appendix B of this response package. The model included use of an ice-free and ice-covered rating curve for both the Main Outlet (Meliadine River) and the West Outlet. Note: Diane River is the outflow of Peter Lake and not an outflow of Meliadine Lake. Three modelled scenarios were evaluated:

1. Mine Operation Scenario, with freshwater withdrawals of 1.1 Mm^3 per year
2. Mine Closure Scenario, with freshwater withdrawals of 8.7 Mm^3 per year, which used a constant daily extraction rate through the open-water season, from June 15 to September 30 (2037-2043)
3. Baseline Scenario, with no mine operation or closure withdrawals

Under the Mine Operation Scenario, changes in instantaneous streamflow at both the Main Outlet and West Outlet remain below 10% relative to the Baseline Scenario. Both outlets naturally experience flows below 30% of the Mean Annual Discharge (MAD) under frozen conditions: the Main Outlet flows only occasionally, while the West Outlet routinely ceases to flow during frozen conditions (2014 FEIS, Volume 7). Therefore, neither should be considered viable fish habitat under frozen conditions. In addition, to better reproduce observed winter changes in lake levels the model allows flow through the Main Outlet during frozen conditions. However, the outlet is shallow, with a maximum depth of less than 1 m, and ice routinely extends to the outlet bed. Any winter flow would therefore likely be subsurface.

Under the Mine Closure Scenario (withdrawals from June 15th to September 30th), both the Main Outlet and West Outlet experience changes in modelled instantaneous streamflow greater than 10% when compared to the Baseline Scenario during August, September, and October. No withdrawals occur during

periods of flow less than 30% of the MAD. Of note, the current modelling assessment uses a constant daily extraction rate (conservative) rather than an adaptive rate, which is appropriate at this time. The closure withdrawal volumes, timing, and duration remain subject to refinement as closure planning advances. The potential effects will be revisited through the interim and final closure planning process, and possible effects to fish and fish habitat, as well as any mitigations, will be further discussed with DFO, as required.

As noted in the response to CIRNAC-TC-13 (with reference to a commitment made during the 2024 Water Licence Amendment NWB Public Hearing; 241025 2AM-MEL1631 Reasons for Decision-OASE Final.pdf), an updated hydrological model will be provided through the Annual Report process following completion of the three years (2024-2026) of hydrological monitoring being conducted on Meliadine Lake and its outflows. The collected data in combination with Water Survey of Canda hydrometric records and watershed modelling can be used to generate the required 20-plus years of streamflow data and will be used in the further evaluation of closure-related effects on the Meliadine Lake hydrologic system.

Interested Party:	DFO	Rec No.:	DFO-TRC-02
Re:	Hydrology Modelling – Winter/Under-ice Considerations		

Request Made by Interested Party:

DFO recommends the Proponent provide information about water withdrawal volumes relative to total lake volume for the under-ice time period. This information should conform to the DFO Protocol for Winter Water Withdrawal from Ice-covered Waterbodies in the Northwest Territories and Nunavut (2010), including the percentage of the available water volume calculated using the appropriate maximum expected ice thickness for Meliadine Lake.

Agnico Eagle's Response to Request:

Agnico Eagle conducted additional modelling exercises to address this DFO comment, with results presented in Appendix B of this response package.

In summary, withdrawals during operations (to 1.1 Mm^3, annually) and closure (to 8.7 Mm^3, between June 15 to September 30 annually from 2037 to 2043) will have negligible effects on under-ice lake volumes, with modelled maximum reductions of 0.062% in May and 0.183% in November, respectively.

Withdrawals during both operations and closure conform to the DFO *Protocol for Winter Water Withdrawal from Ice-Covered Waterbodies in the Northwest Territories and Nunavut* (2010).

Interested Party:	**DFO**	**Rec No.:**	**DFO-TRC-03**
Re:	**Hydrology Monitoring Plan**		

Request Made by Interested Party:
DFO recommends that the Proponent develop a hydrology monitoring plan that includes:

- *details of the hydrology monitoring that was used to collect data for the Meliadine Lake Hydrology Model; and*
- *details on future monitoring throughout operation and closure.*

This plan should include:

- *how, when, and where data is collected;*
- *considerations of summer and winter conditions;*
- *information on how data will be collected to ensure that the project conforms to the DFO Protocol for Winter Water Withdrawal from Ice-covered Waterbodies in the Northwest Territories and Nunavut (2010) and DFO's Framework for Assessing the Ecological Flow Requirements to Support Fisheries in Canada (2013), in order to remain compliant with the Fisheries Act; and*
- *listed contingency measures should monitoring indicate impacts are exceeding that which is permitted (i.e., slowing or stopping withdrawal).*

Agnico Eagle's Response to Request:
As part of the 2024-2026 hydrology monitoring effort on the Meliadine hydrologic system, continuous monitoring stations were installed in Meliadine Lake to monitor lake levels at the outflows and the water intake, and streamflow was quantified at both outflow monitoring locations (Main and West Outflows). A summary update on the Meliadine Lake Outflow Monitoring completed through 2024 and 2025, including methodology, was provided to DFO in response to comments on the 2025 Annual Report.

As noted in the response to CIRNAC-TC-13 (with reference to a commitment made during the 2024 Water Licence Amendment NWB Public Hearing;241025 2AM-MEL1631 Reasons for Decision-OASE Final.pdf), an updated hydrological model will be provided through the Annual Report process following completion of the three years (2024-2026) of monitoring.

Agnico Eagle does not believe that development of a formal hydrology monitoring plan is necessary during the operations stage of the Meliadine mine because:

- Under the modelled Mine Operation scenario (Appendix B of this response package), the proposed freshwater withdrawals have negligible effects on the monthly lake volume (including under ice lake volumes), water level and discharge.

- Modelling results indicate conformity with both the DFO *Protocol for Winter Water Withdrawal from Ice-covered Waterbodies in the Northwest Territories and Nunavut* (2010), and the *Framework for Assessing the Ecological Flow Requirements to Support Fisheries in Canada* (2013).

Agnico Eagle will consider development of a formal hydrology monitoring plan in advance of closure, and to inform closure because the modelled Mine Closure scenario (Appendix B of this response package) indicates that proposed withdrawals may result in changes in instantaneous flows greater than 10%. At that time feasible adaptive management measures including adjustments to withdrawal rates, timing, duration, or prioritization of withdrawals during higher-flow periods, may be evaluated in consultation with DFO to avoid or mitigate adverse effects during closure.

Interested Party:	**DFO**	**Rec No.:**	**DFO-TRC-04**
Re:	**Closure Impacts – Pit Back-flooding**		

Request Made by Interested Party:
Prior to pit back-flooding, it is recommended that the Proponent consult with DFO regarding the need for a Fisheries Act Authorization.

Agnico Eagle's Response to Request:
Agnico Eagle will continue to consult as needed with DFO regarding the need for a *Fisheries Act* Authorization prior to commencing pit back-flooding activities at closure.

The closure withdrawal volumes, timing, and duration remain subject to refinement as closure planning advances. Once the proposed closure water requirements are better defined, the potential effects will be revisited through the interim and final closure planning process. Information associated with the closure withdrawals can be submitted through DFO's regulatory review process, if necessary.

APPENDIX A: WATER BALANCE & WATER QUALITY MODEL TECHNICAL REPORT REVISION 1 (OCTOBER 15, 2026)

AGNICO EAGLE

Meliadine Mine Operational Update: Water Balance and Water Quality Model Technical Report

Prepared for:
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Project No. A667-5

15 October 2026

LORAX ENVIRONMENTAL

Revision Tracking Log

Revision Tracking Log

Section Updated	Description of Update
Rev0 – April 21,2026	
-	First submission of the Meliadine Mine Operational Update: Water Balance and Water Quality Model Technical Report
Rev1 – October 16, 2026	
Section 4.2:Post-Closure	• Minor revisions to text to clarify mine phases • Remove non-CCME/SSWQO parameters from Post-Closure screening table in Table 4-2
Section 6.3:Post-Closure	• Updated water quality model results screening tables to include model results to Dec. 2119 • Updates to text summarizing predictions, with additional context for WES04 pit and Lake J1 • Remove Aquatic Guidelines from Table 6-5 (CP7 screened against terrestrial guidelines) • Added screening table for DISC01 Pit
Section 7: Summary	• Additional text added to summarize Post-closure water quality results
Appendix A.1	• Corrected nomenclature for WN Pit, post-closure flooded pits, Lake A52 and CP7
Appendix A.2	• Corrected timing of Discovery area catchment development • Replaced CP2.5 with CP8 due to updated nomenclature
Appendix B	• Corrected WN Pit nomenclature • Added flow path from WRSF3 to Lake J1 in Post-closure
Appendix D.2 and D.3	• Extended model results to 2119 and updated screening • Removed screening of decommissioned collections ponds from post-closure model results

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Glossary and Abbreviations



Glossary and Abbreviations

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

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

Plain Language Summary

AGNICO EAGLE

Plain Language Summary

Agnico Eagle Mines Limited (Agnico Eagle) is planning a Type A 2AM-MEL1631 Water Licence Amendment (the 2026 WL Amendment). The scope of activities remain within the assessed scope and disturbed footprint, thus not requiring further environmental assessment but necessitating amendments to the Water Licence.

In support of the Operational Update Water Licence Amendment, the Water Balance and Water Quality Model (WBWQM) has been updated to reflect updates in the mine plan.

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

1. *Saline contact water* originating from underground dewatering and runoff from ore pads, saline waste rock storage facilities and a portion of the tailings storage facility; and
2. *Surface contact water* generated by the waste rock storage facilities, open pit walls, and other disturbed areas not related to underground mining operation.

The operation of ponds, pumps, water treatment systems and discharges to Meliadine Lake and Itivia Harbour are also represented within the model. Each mine component is assigned specific geochemical source terms and discharge concentrations to represent the predicted water quality for each component. These mine contact water flows and loads are then transported within the model to collection sumps, and larger collection ponds where the various waters are mixed within the model prior to treatment and discharge.

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

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

During the Operations phase, model predictions for the EWTP discharge to Meliadine Lake remain below the Metal and Diamond Mining Effluent Regulations (MDMER) and/or Water License limits. Ammonia-N concentrations are predicted to be above MDMER discharge criteria to Itivia Harbour, and mitigation options (*e.g.*, treatment) are currently being investigated.

1. Introduction

AGNICO EAGLE

1. Introduction

The updated Water Balance and Water Quality model (WBWQM) reflects revisions including changes to the mine plan, operating schedule, and water management infrastructure, underground mining below permafrost at PUMP, and commissioning of the waterline beginning in 2026 with full operation in 2027. This report presents only the information pertinent to the mine plan changes above, all other inputs and assumptions, as presented in Lorax (2024), remain applicable.

Lorax Environmental Services Ltd. (Lorax) was retained by Agnico Eagle to complete the WBWQM update. The modelling effort described in this report builds upon and supersedes that presented in Lorax (2025). The reader is referred to Lorax (2024) for technical details on model setup, assumptions, calibration and validation.

1.1 Report Structure

Following this introduction, the report is structured as follows:

- Section 2 describes the modifications to the mine plan included in the model update;
- Section 1 describes updates made to the water balance model calibration and assumptions;
- Section 4 describes updates made to the water quality model calibration and assumptions;
- Section 1 summarizes the water balance model results;
- Section 6 summarizes the water quality model results; and,
- Section 7 provides a summary of key findings.

2. Model Input Sources



2. Model Input Sources

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

2.1 Meliadine Mine Plan

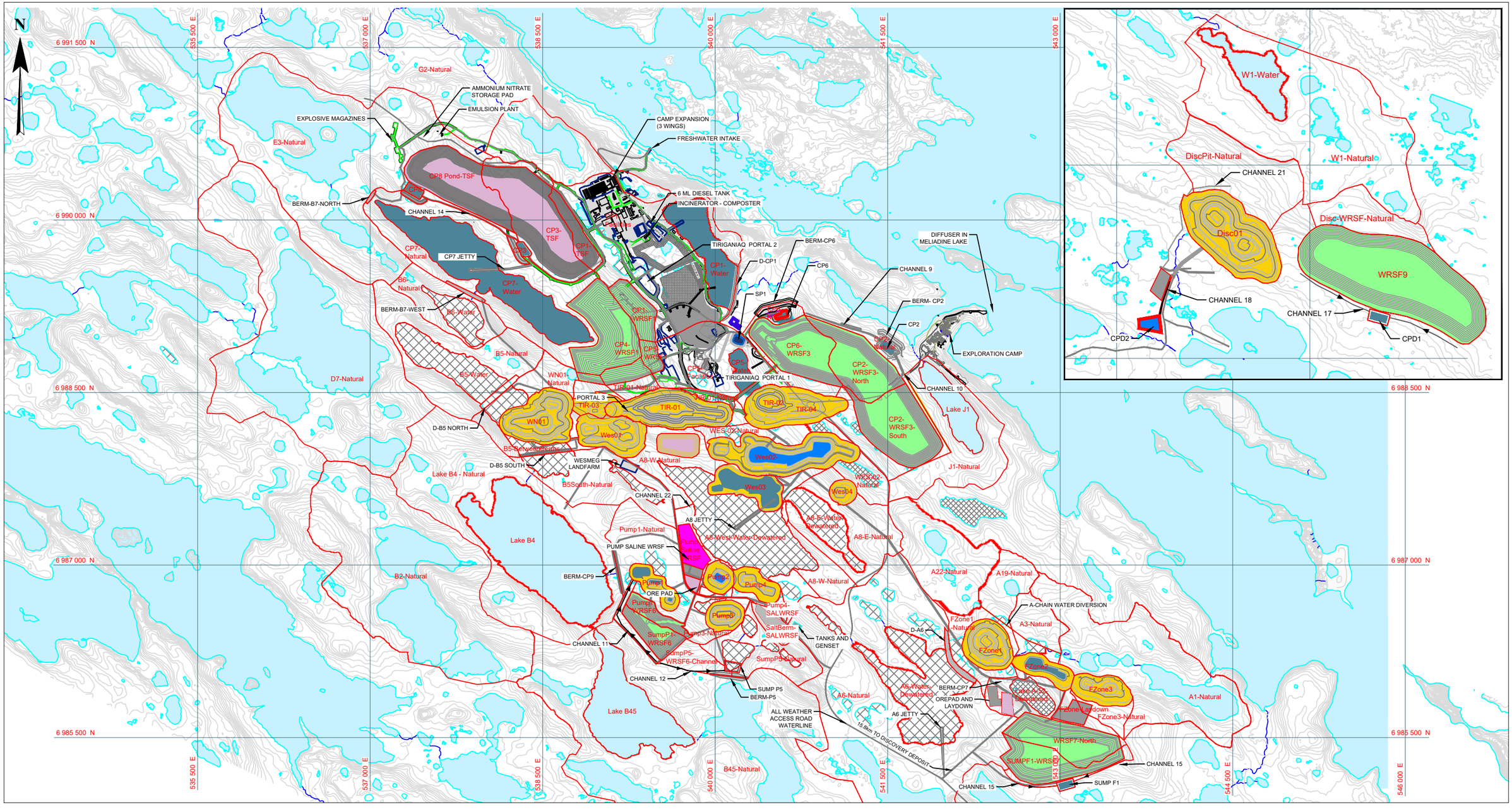
The proposed Meliadine Mine timeline is as follows:

- Meliadine Mine Operations: 2019 to 2036 (End-of-Mine [EOM]);
- Active Closure: 2037 to 2043; and,
- Post-Closure: 2044 onwards (modelled to calendar year 2119).

The EOM mine layout (2036), including all delineated sub-catchments is presented in Figure 2-1. The full series of annual layout maps are provided in Appendix A, and the annual water management wire diagrams are in Appendix B of this report.

Mine plan updates are focused on the continuation of mining operations to 2036, and the following specific changes to mine waste deposition and water management:

- Advancement of the PUMP underground mine below permafrost;
- Utilization of the underground mine voids for permanent storage of saline water at the beginning of Active Closure;
- Utilization of the Waterline for the first three years of Active Closure (2037-2039) to remove remaining surface contact water and saline water from storage at site; and,
- Routing of sewage treatment plant discharges to the underground mine void for the duration of the Active Closure phase (2037-2043).



LEGEND

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

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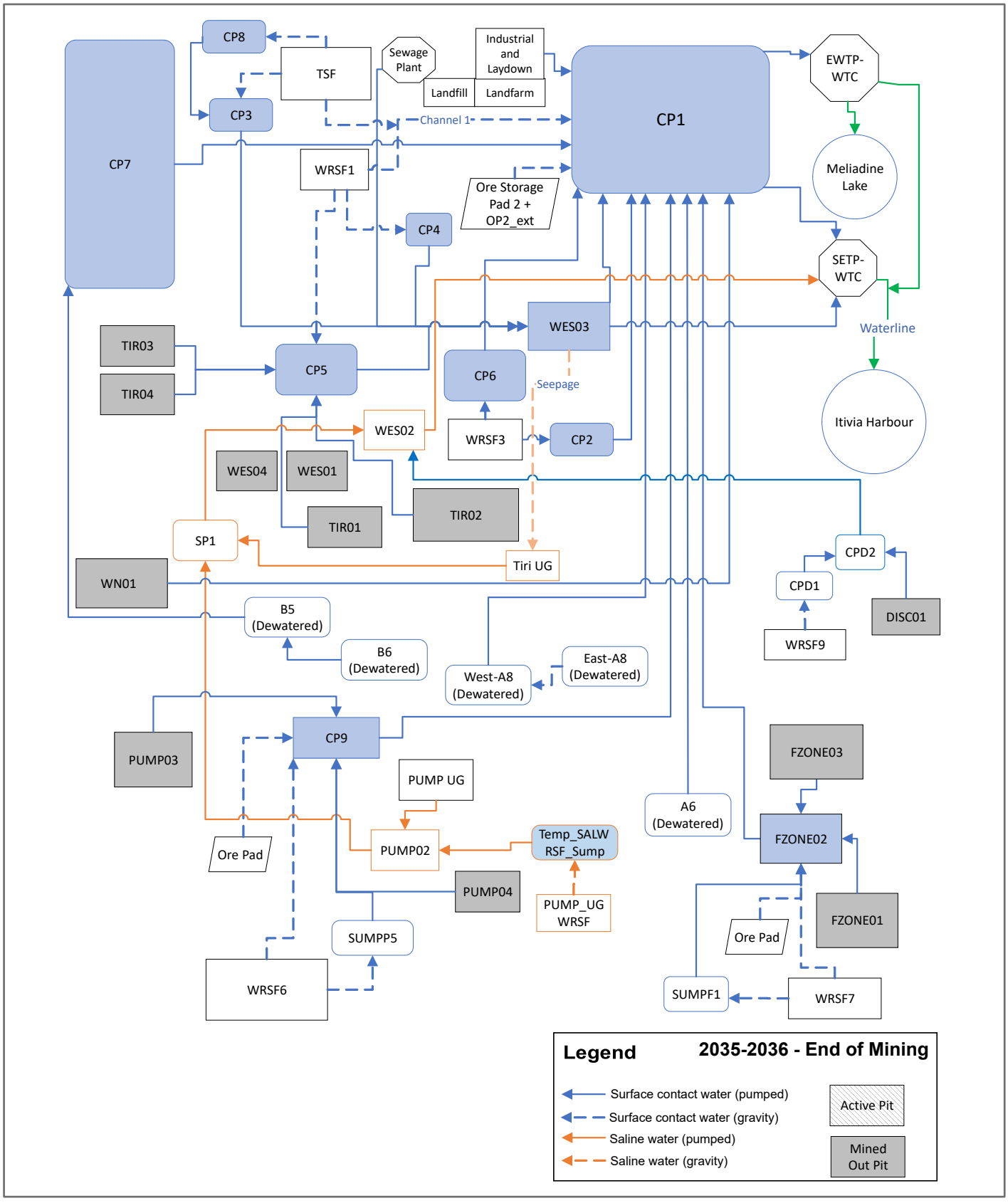
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - EOM - 2036

PROJECT #: A667-5

FIGURE: 2-1

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VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT: **Meliadine Mine: 2026 Operational Update**

TITLE: Water Management Flow Diagram - 2035-2036 EOM

PROJECT #: A667-5

FIGURE: 2-2

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Table 2-1:
Open Pit and Underground Mine Water Management Schedule

Calendar Year	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Mine Year	-4	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12	13
TIRI01	-	M	M	M	M	M	M	M	D	D	D	D	D	D	D	D	D
TIRI02	M	Saline contact water storage								M	M	D	D	D	D	D	D
TIRI03	-	-	-	-	-	-	-	-	-	M	M	M	M	D	D	D	D
TIRI04	-	-	-	-	-	-	-	-	-	-	-	M	M	M	D	D	D
TIRI UG	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
WES01	-	-	-	-	-	-	-	-	-	M	M	D	D	D	D	D	D
WES02	-	-	-	-	-	-	M	M	S	S	S	S	S	S	S	S	S
WES03	-	-	-	-	-	-	M	M	CW	CW	CW	CW	CW	CW	CW	CW	CW
WES04	-	-	-	-	-	-	-	-	-	-	-	-	-	M	M	D	D
WN01	-	-	-	-	-	-	-	-	-	-	M	M	M	M	D	D	D
PUMP01	-	-	-	-	-	M	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW
PUMP02	-	-	-	-	-	M	M	S	S	S	S	S	S	S	S	S	S
PUMP03	-	-	-	-	-	-	-	-	-	M	M	M	M	D	D	D	D
PUMP04	-	-	-	-	-	-	-	-	-	-	-	-	M	M	M	D	D
PUMP UG	-	-	-	-	-	-	U	U	U	U	U	U	U	U	U	U	U
FZONE01	-	-	-	-	-	-	-	-	M	M	M	x	x	x	x	x	x
FZONE02	-	-	-	-	-	-	-	-	M	CW	CW	CW	CW	CW	CW	CW	CW
FZONE03	-	-	-	-	-	-	-	-	-	M	x	x	x	x	x	x	x
Discovery	-	-	-	-	-	-	-	-	-	M	M	M	x	x	x	x	x

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

2.2 Closure Assumptions

In principle, the management of surface contact water and saline water follows the same logic as previously presented in the 2025 Modification application (Lorax, 2025). The primary objective of the Active Closure period is to remove all remaining saline water stored in surface reservoirs and to manage the remaining geochemical loads to meet the Closure water quality targets. The following updates noted for this submission:

- Remaining saline water in the WES02 pit is pumped underground mine voids at the beginning of Active Closure (2.6 Mm^3 to the Tiriganiaq (TIRI) UG and 0.3 Mm^3 to the PUMP UG);
- Any surface contact water remaining in CP7 and CP1 is pumped to TIRI04 via the EWTP to speed up pit flooding in early Active Closure; and,
- The Waterline is assumed to remain operational for the first three years of Active Closure (2037 through 2039), to allow any saline water remaining in WES02, and remaining contact water in WES03 to be pumped out to Itivia Harbour over this period, prior to flooding the pit with water pumped from Meliadine Lake.

3. Water Balance Results



3. Water Balance Model Updates

The site-wide water balance model (WBM) is comprised of two components: the watershed model that generates flows for disturbed and undisturbed areas (including the Meliadine Lake water balance), and the mine site model that generates runoff and basal seepage for mine infrastructure, including the TSF, WRSFs and exposed pit walls. The mine infrastructure WBM also incorporates elements that represent collection ponds for saline and surface contact water, and the associated pump transfer rates, operational windows, water treatment plants, and pond operating levels. Dewatering of lakes to allow development of mine infrastructure is also incorporated.

3.1 Watershed Model

As part of the model calibration update described in Section 3.2, the foundational watershed model used to predict runoff from natural (undisturbed) and disturbed areas was updated. The watershed model was previously conceptualized as a three-reservoir system, comprised of quickflow (surface flow), shallow interflow, and baseflows (Lorax 2022). The availability of additional site monitoring data prompted a reassessment of the watershed model conceptualization and calibration. As part of this effort, the GR4J watershed model (Perrin *et al.*, 2003; Perrin *et al.*, 2007) was used to generate daily discharge volumes for natural and undisturbed areas. Snow accumulation and melt is calculated using the Cemaneige snowpack model (Valéry *et al.*, 2014), which has two adjustable parameters: the degree day factor, which converts heat energy as a function of air temperature into snowmelt in mm/day; and, the snowpack inertia factor, which tracks the amount of heat input required to initiate melt (*i.e.*, cold content).

The GR4J model tracks the daily water balance as a function of precipitation (P; snowmelt from Cemaneige + rainfall) inputs and evaporative (E) losses from a catchment (see Figure 3-1). The resultant infiltration is partitioned into the Production Store (SMA), which can lose additional water to evaporation on days where $SMA > 0$ and $P\text{-}E = 0$. The other loss from the Production Store is percolation. If the Production Store is full, then any additional infiltration is directed to the routing functions along with the percolation, with UH1 receiving 90% of total and UH2 receiving 10%.

In total, there are four adjustable parameters in the GR4J model, and two in the Cemaneige model (Table 3-1).

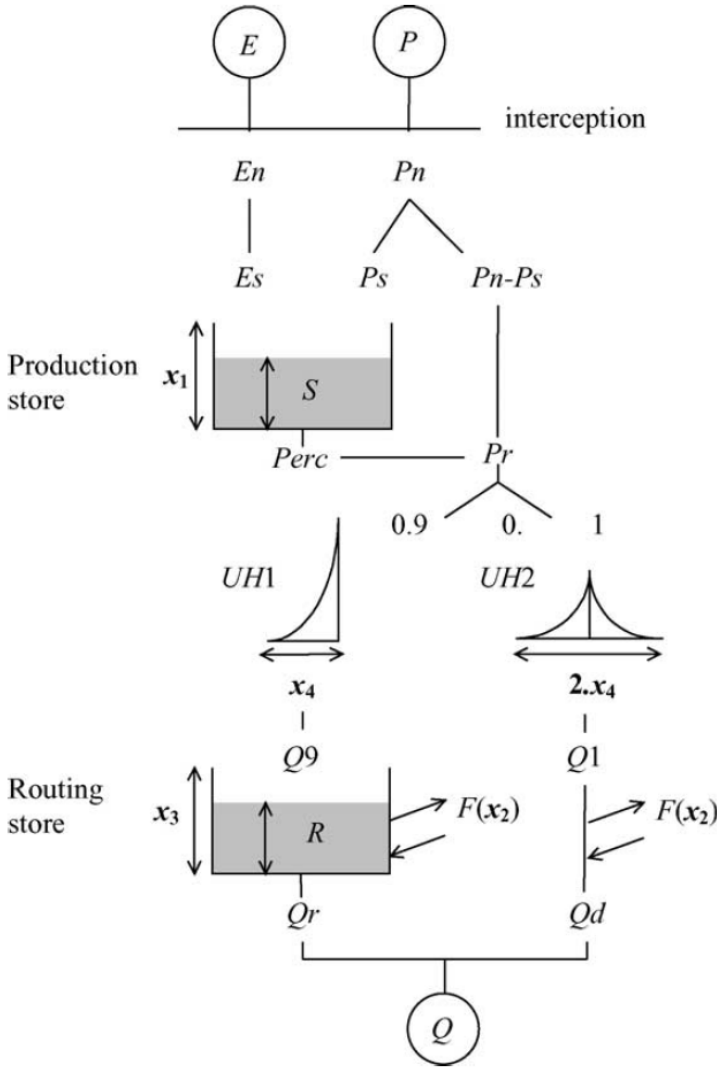


Figure 3-1: Conceptual Diagram of the GR4J Watershed Model

Table 3-1:
Calibrated Cemaneige and GR4J Parameters

Parameter	Value (Dimensionless)
Degree Day Factor	8
Snowpack Inertia Factor	0.61
Production Store (X_1)	9.79
Exchange Coefficient (X_2)	-3.28
Routing Store (X_3)	30
Lag Coefficient (X_4)	1.54

3.2 Model Calibration

Calibration of the watershed model was conducted in two stages:

- To a representative streamflow dataset from a Water Survey of Canada hydrometric station (Akkutuak Creek near Baker Lake; 06MA004; 18 km^2); and,
- To measured daily water level data from mine site collection ponds over the 2020-2025 period.

3.2.1 Regional Streamflow Calibration

The GR4J watershed model is considered well calibrated, with a Nash-Sutcliffe (NSE) value of 0.68, a log-NSE value of 0.59, and a good visual fit between measured and modelled streamflows (Figure 3-2). The calibrated parameter set carried over to represent runoff at the Meliadine mine site is provided in Table 3-1.

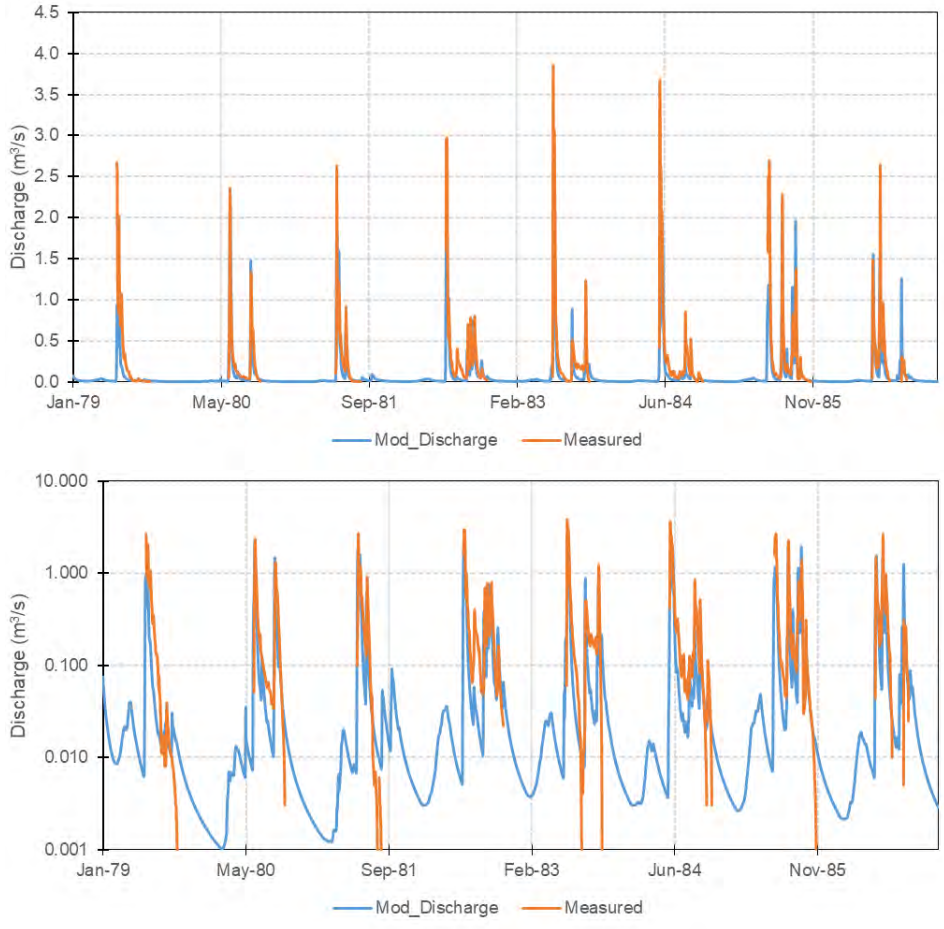


Figure 3-2: Measured and Modelled Streamflows for the Akkutuak Creek Near Baker Lake Hydrometric Station (1979-1986). Note bottom plot with log y-axis.

3.2.2 Meliadine Lake Outflow Calibration

Through previous license amendment applications, information requests were received from intervenors related to the potential changes to the Meliadine Lake water balance as a result of the withdrawals made to flood the open pits during the Active Closure period. For context, the licensed annual withdrawal maximum is 8,676,481 m^3/year, from a total lake volume of approximately 585 Mm^3 (Figure 3-3). This licensed maximum annual withdrawal volume equates to approximately 1.5% of the total lake volume per year.

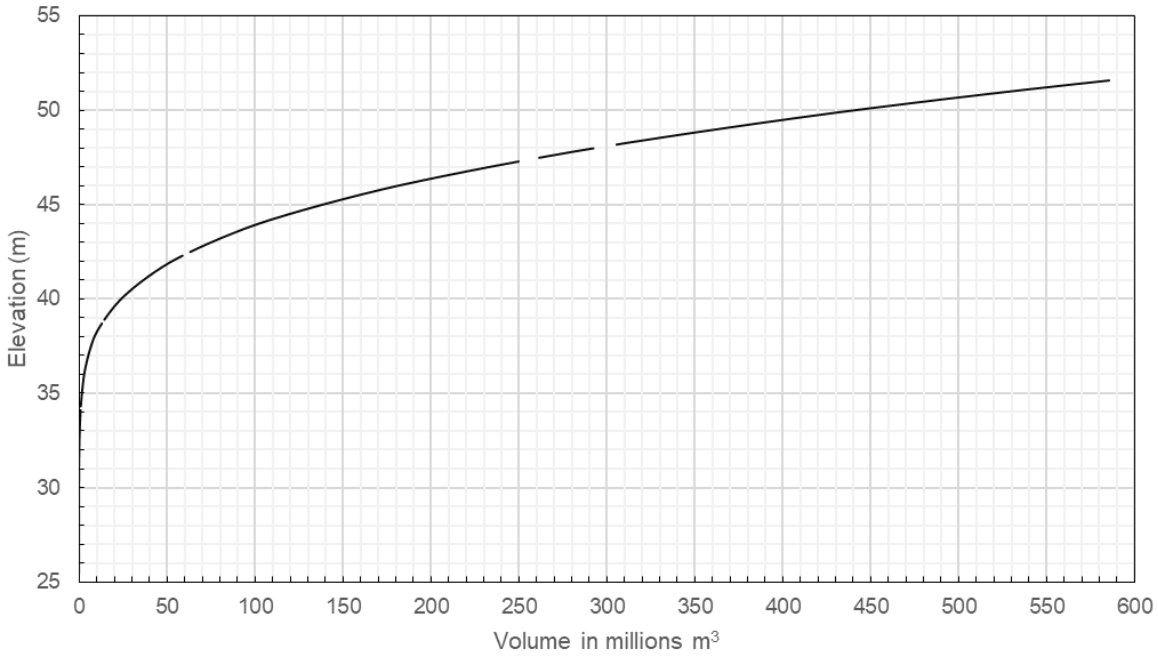


Figure 3-3: Volume-Elevation Curve for Meliadine Lake

Agnico Eagle re-installed two hydrometric stations at the main outlet and northwest outlets of Meliadine Lake in August 2024, and continuous discharge data from these stations to the end of September 2025 were used as a calibration target for a watershed model specific to Meliadine Lake.

Similar to the non-contact watershed model described in Section 3.2.1, a GR4J model was setup to generate inflows to Meliadine Lake, and the volume-elevation curve in Figure 3-3 was used to constrain lake storage changes, surface area and water level fluctuations, along with calculating evaporative losses from the lake surface and meteoric inputs to the lake water balance. Outflows are calculated as a function of lake water level using the rating curves for each of the outflow hydrometric stations.

This model was calibrated to the measured lake outflows and shows good agreement with the measured data (Figure 3-4). As more data is collected from the outflow hydrometric

stations, the model will be validated, and the calibration updated if the model predictions drift appreciably from the measured data.

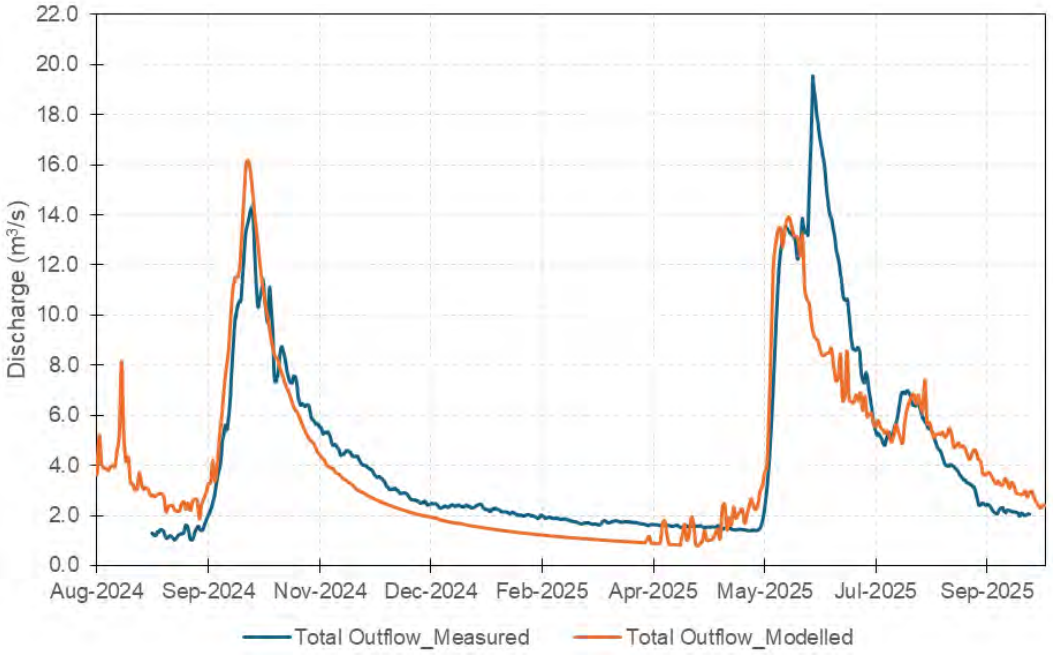


Figure 3-4: Modelled and Measured Outflows from Meliadine Lake

Modelled annual lake inflows and outflows (including evaporative losses) average 119 Mm^3/year (Figure 3-5), indicating a hydraulic residence time of Meliadine Lake of approximately 5 years. The licensed maximum annual withdrawal is equivalent to 7% of the annual average lake inflows on a volumetric basis.

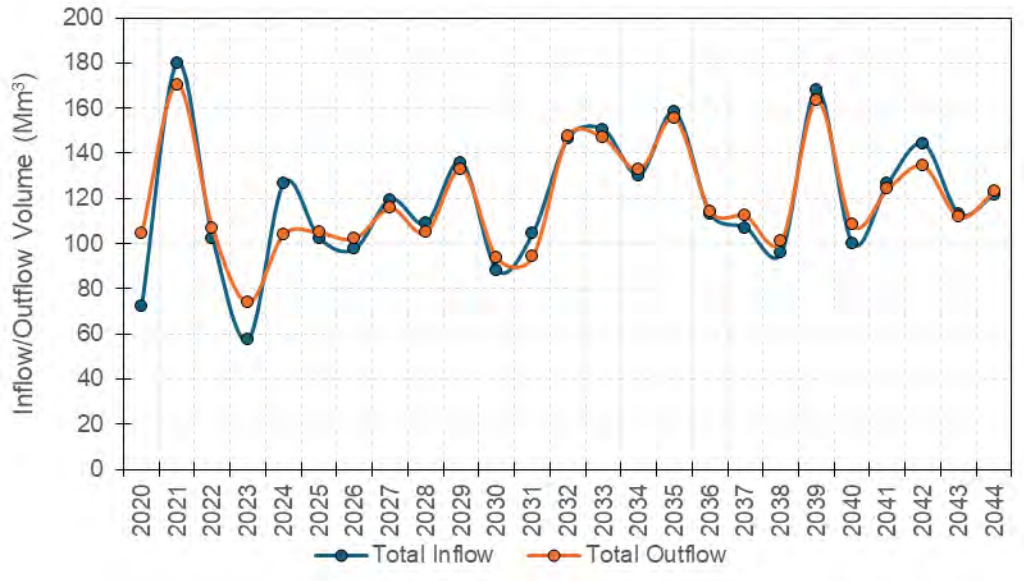


Figure 3-5: Modelled Total Annual Inflows and Outflows for Meliadine Lake

3.2.3 Collection Pond Water Balance Calibration

The second stage of the water balance model calibration focused on replicating the fluctuations in collection pond volumes as represented by continuous water level measurements made over the 2020-2025 period, and water routing as presented in Table 3-2.

Inputs to the calibration model included:

- Daily climate (minimum, mean and maximum daily air temperature and precipitation) scaled from the Rankin Inlet climate station;
- Incorporation of operational contact water routing, including pump rates, into the WBM;
- Catchment and/or landform specific target runoff coefficients (Table 3-3)
- Annual sub-catchment delineations (Figure 3-6 through Figure 3-10);
- Calibrated watershed model described in Section 3.2.1;
- Measured water quality for key POPCs (described in Section 4); and,
- Measured monthly underground dewatering volumes (Table 3-6).

Pond volume measurements were provided by Agnico Eagle and were calculated from measured water levels and the pond specific storage-elevation curves. Pump rates between ponds (and to treatment plants) were also provided by Agnico Eagle, providing a control on inflows and outflows for each pond.

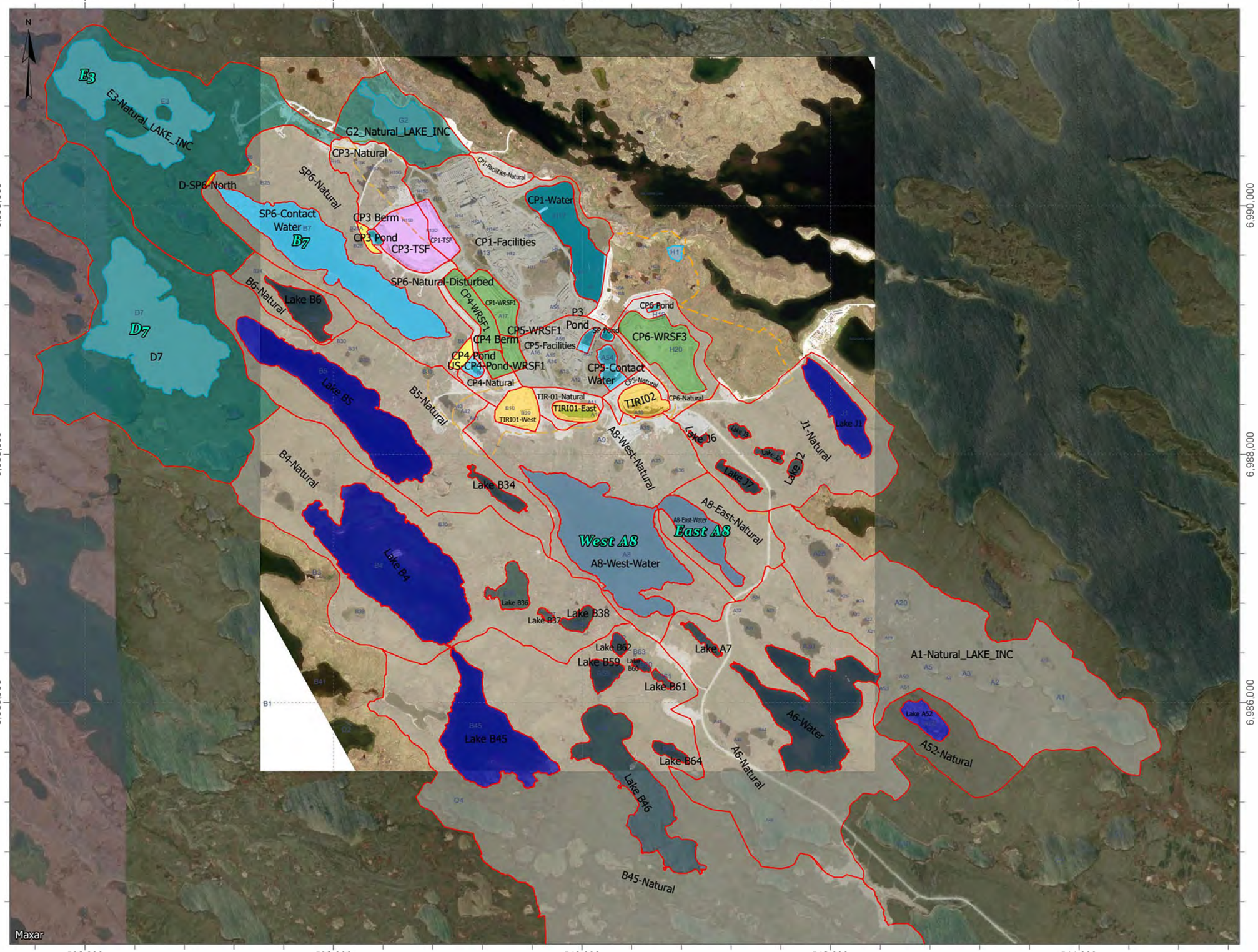
Table 3-2:
Surface Contact Water Routing to CP1 – Current Conditions

Pond	Surface Contact Water Routing
CP1 – TSF	Culvert 1 → Culvert 18→ Culvert 2 → Channel 1 →Culvert 3→ CP1
CP3- TSF	Channel 3 → CP 3 (pumped) → CP1
CP1-WRSF1	Channel 7→ Channel 8 → Channel 1 → Culvert 3 → CP1
CP5-WRSF1	Channel 5 → CP5 (pumped) → CP1
CP4-WRSF1	Channel 4 → Collection Pond 4 (pumped) → Collection Pond 1
CP6-WRSF3	Collection Pond 6 (pumped) → Collection Pond 1

Table 3-3:
Land Surface Types, Representative Runoff Type and Target Runoff Coefficients

Land Cover Type	Surface Runoff	Interflow	Baseflow	Target Runoff Coefficient
Disturbed[1]	x	x	x	0.50
Hard Surface (Ore Pads, Facilities Areas, Laydowns)[1]	x			0.80
Natural[1]	x	x	x	0.50
Tailings[2]	x	x		0.05 (Runoff); 0.20 (Interflow)
Open Water	x			1.0, minus evaporation
Waste Rock and Salt Rock Piles[2]	x			0.10 (Runoff); 0.0 (Interflow)
Open Pit Walls[3]	x			0.40

Notes:
[1] Average runoff coefficient provided, effective annual coefficients vary according to climate forcings
[2] Upper bound of predicted values (90th percentile), reflective of years where runoff or interflow predicted to occur (mode is zero)
[3] Constant runoff coefficient



LEGEND

- WBM-Catchments
- Major Catchments
- Waterbody

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

1:30,000

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LORAX ENVIRONMENTAL

PROJECT:

Meliadine Mine

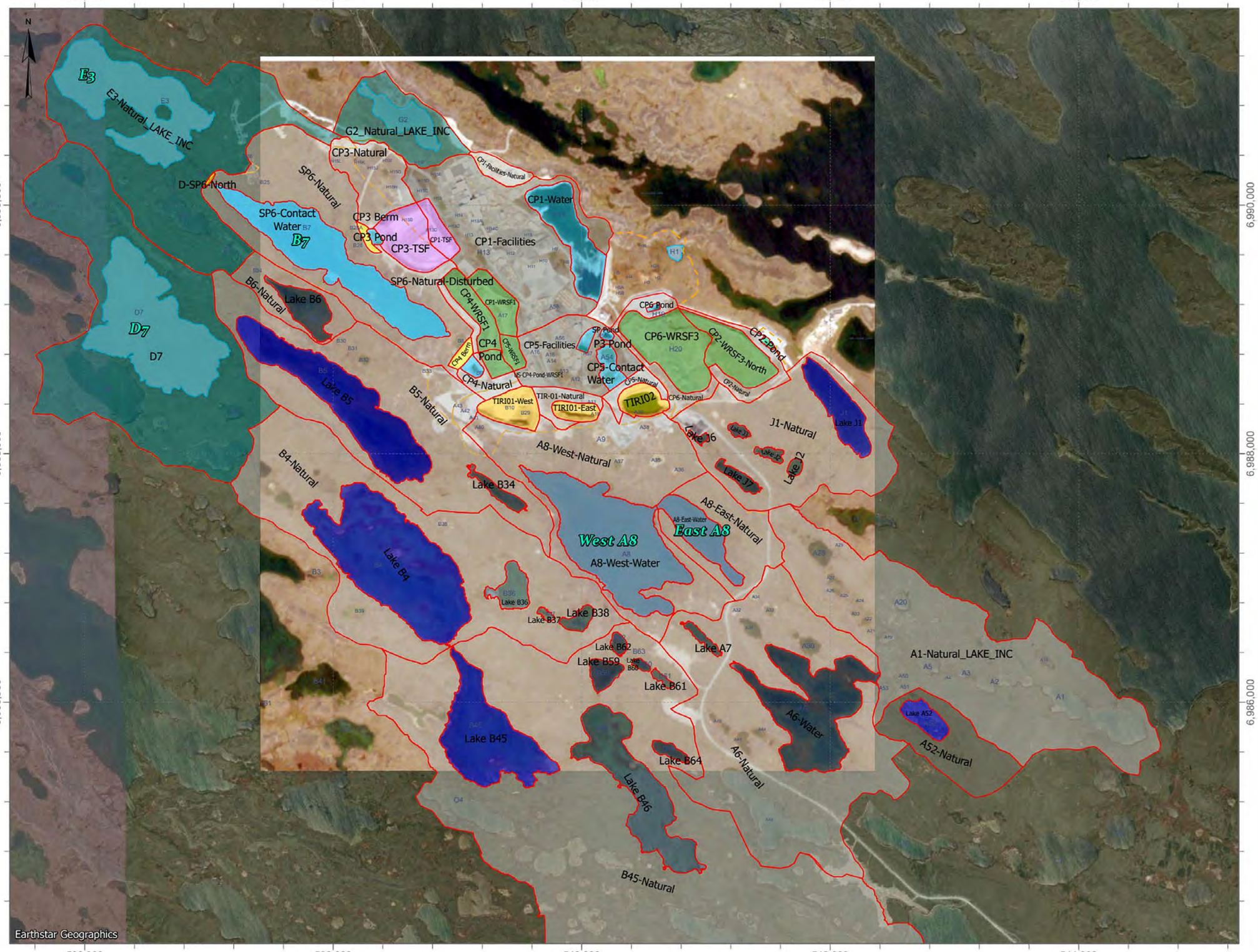
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Meliadine Mine Catchments (2021)

PROJECT #:	FIGURE:
A667-5	3-6

Figure 1 - Site Catchments - 2021

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LEGEND

- WBM-Catchments
- Major Catchments
- Waterbody

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LORAX ENVIRONMENTAL

PROJECT:

Meliadine Mine

TITLE:

Meliadine Mine Catchments (2022)

PROJECT #: A667-5 FIGURE: 3-7

Figure 2 - Site Catchments - 2022

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

6,990,000 6,988,000 6,986,000

N

E3 E3-Natural_LAKE_INC D-SP6-North SP6-Natural B7 CP3-Natural G2_Natural_LAKE_INC CP1-Facilities-Natural CP3-TSF CP1-TSF CP1-Facilities CP1-Water CP3 Pond CP3 Berm SP6-Natural-Disturbed SP6-Contact Water CP1-WRSF1 CP4-WRSF1 Lake B6 B6-Natural D7 D7 CP4 Berm CP5-WRSF1 P3 Pond CP6 Pond CP6-WRSF3 CP2-WRSF3-North CP2-Pond CP4 Pond US-CP4-Pond-WRSF1 CP5-Contact Water CP5-Facilities CP4-Natural TIR-01-Natural TIRI01 TIRI02 CP6-Natural CP2-Natural Lake B5 B5-Natural J1-Natural Lake J1 Lake J6 Lake J3 Lake J2 Lake J7 A8-West-Natural B4-Natural Lake B34 A8-East-Water A8-East-Natural East A8 West A8 A8-West-Water Lake B4 Lake B38 Lake B37 Lake B62 Lake B59 Lake B60 Lake B61 Lake A7 A1-Natural_LAKE_INC A6-Water Lake A52 A52-Natural Lake B45 Lake B64 A6-Natural Lake B46 B45-Natural

Maxar

LEGEND

- WBM-Catchments
- Major Catchments
- Waterbody

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

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Meliadine Mine

TITLE:

Meliadine Mine Catchments (2023)

PROJECT #: A667-5 *FIGURE:* 3-8

Figure 3 - Site Catchments - 2023

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E3 E3-Natural_LAKE_INC D-SP6-North SP6-Natural B7 SP6-Contact Water B6-Natural Lake B6 D7 D7 Lake B5 B5-Natural B4-Natural Lake B4 Lake B45 B45-Natural Lake B46 Lake B64 A6-Natural A6-Water A52-Natural Lake A52 A1-Natural_LAKE_INC Lake A7 Lake B59 Lake B60 Lake B61 Lake B62 Lake B63 Lake B36 Lake B37 Lake B38 Lake B34 West A8 A8-West-Water A8-West-Natural East A8 A8-East-Water A8-East-Natural Lake J7 Lake J6 Lake J3 Lake J2 Lake J2 J1-Natural Lake J1 CP6-Natural CP2-Natural CP2-Pond CP2-WRSF3-North CP6-WRSF3 CP6 Pond SP Pond P3 Pond CP5-Natural CP5-Contact Water CP5-Facilities CP5-WRSF1 CP4-WRSF1 CP1-WRSF1 SP6-Natural-Disturbed CP4 Berm US-CP4-Pond-WRSF1 CP4 Pond CP4-Natural TIR-01-Natural TIRI01 TIRI02 CP3 Pond CP3 Berm CP1-TSF CP3-TSF CP1-Facilities CP1-Water CP1-Facilities-Natural CP3-Natural G2_Natural_LAKE_INC

Maxar

LEGEND

- WBM-Catchments
- Major Catchments
- Waterbody

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

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LORAX ENVIRONMENTAL

PROJECT:

Meliadine Mine

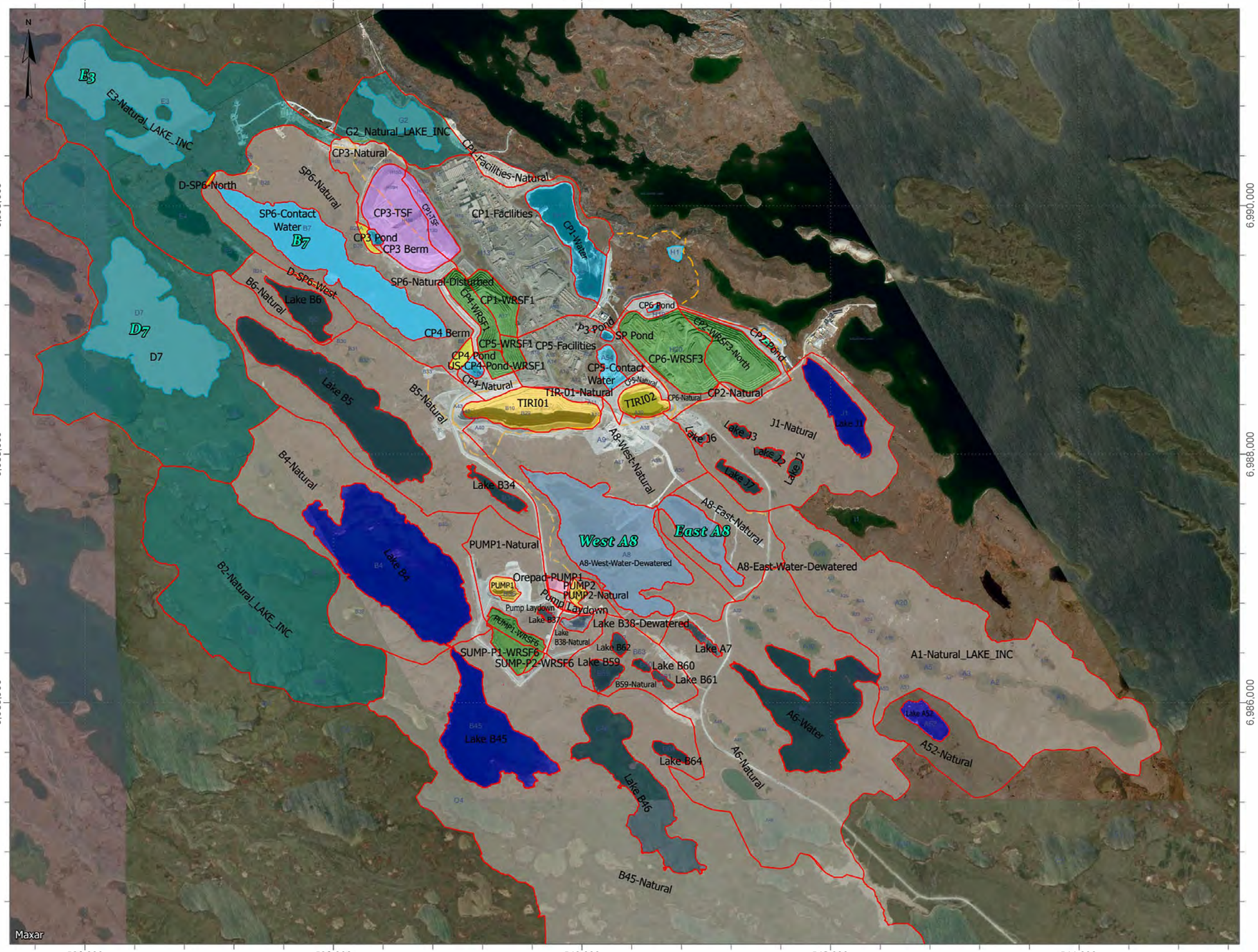
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Meliadine Mine Catchments (2024)

PROJECT #: A667-5 | ***FIGURE:*** *3-9*

Figure 4 - Site Catchments - 2024

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LEGEND

- WBM-Catchments
- Major Catchments
- Waterbody

Coordinate System: NAD 1983 UTM Zone 15N
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Units: Metres

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PROJECT:

Meliadine Mine

TITLE:

Meliadine Mine Catchments (2025)

PROJECT #: A667-5 | ***FIGURE:*** 3-10

Figure 5 - Site Catchments - 2025

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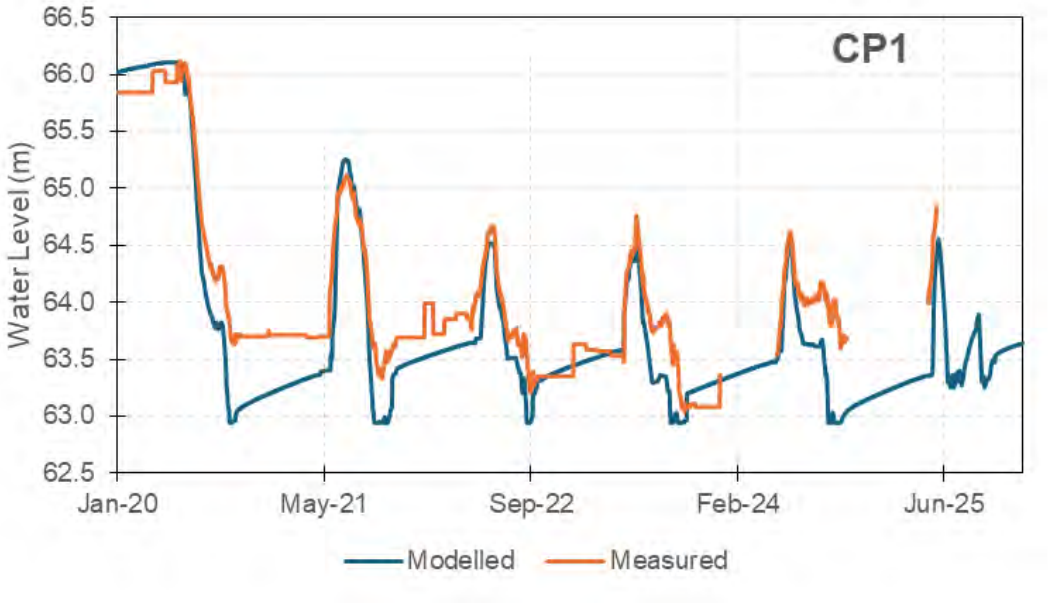


Figure 3-11: Modelled and Measured Water Levels for the CP1 Pond

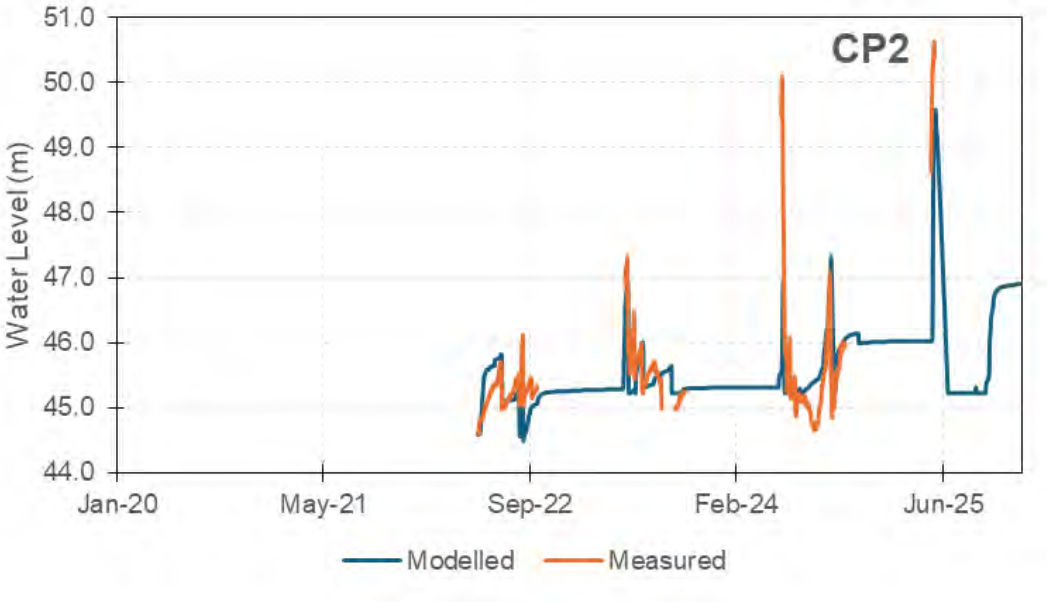


Figure 3-12: Modelled and Measured Water Levels for the CP2 Pond

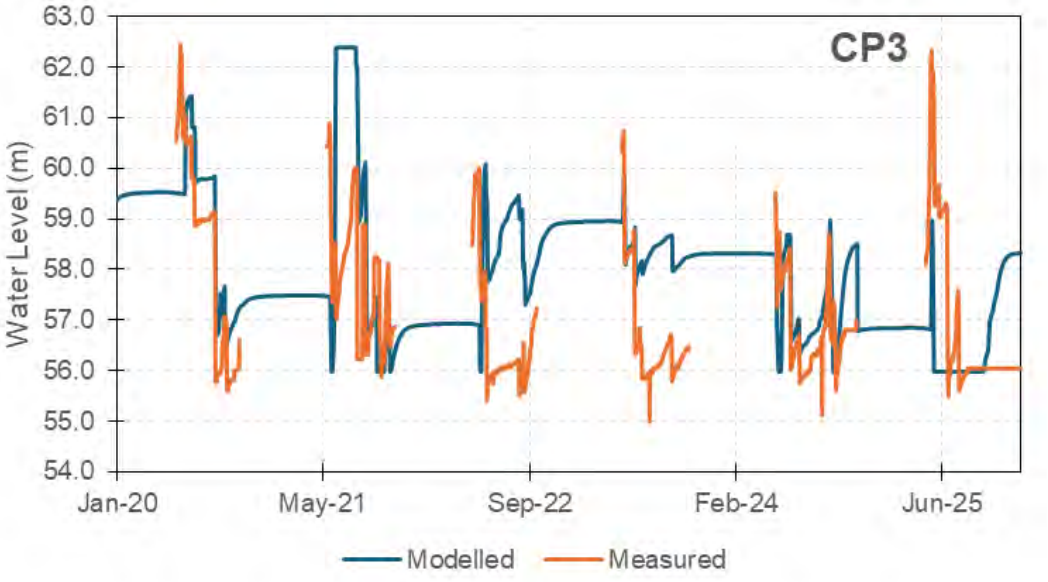


Figure 3-13: Modelled and Measured Water Levels for the CP3 Pond

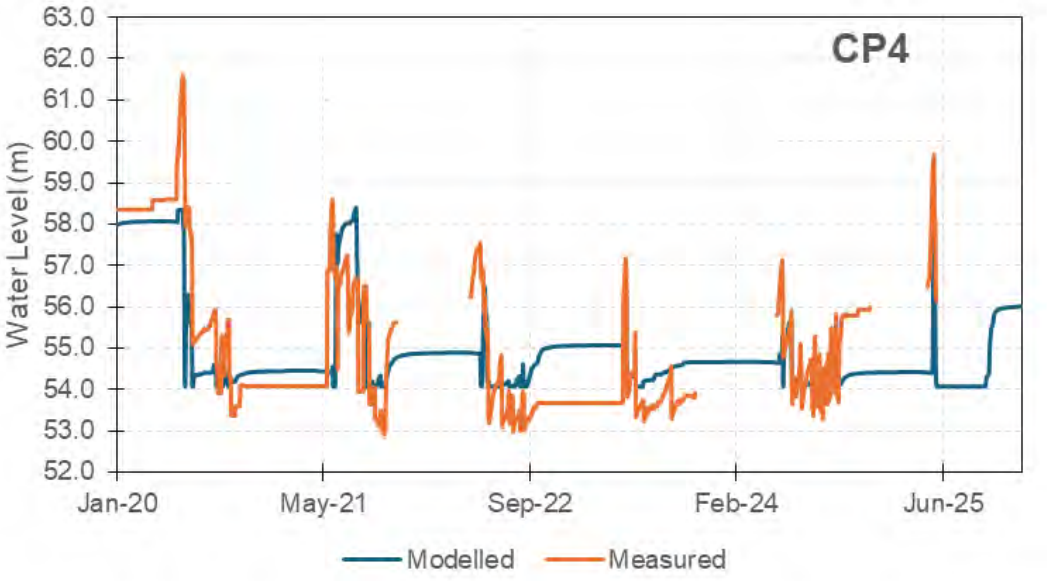


Figure 3-14: Modelled and Measured Water Levels for the CP4 Pond

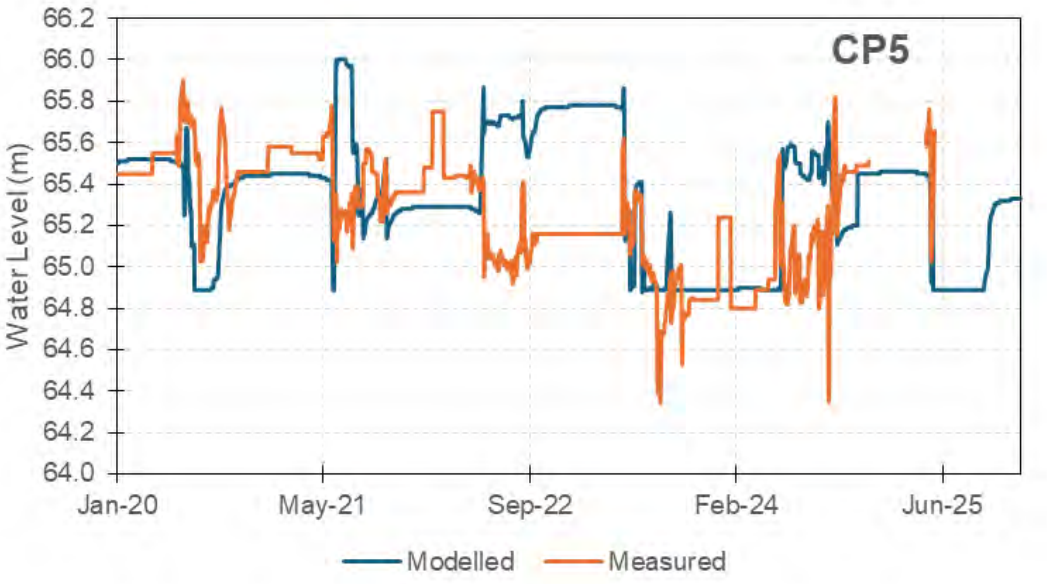


Figure 3-15: Modelled and Measured Water Levels for the CP5 Pond

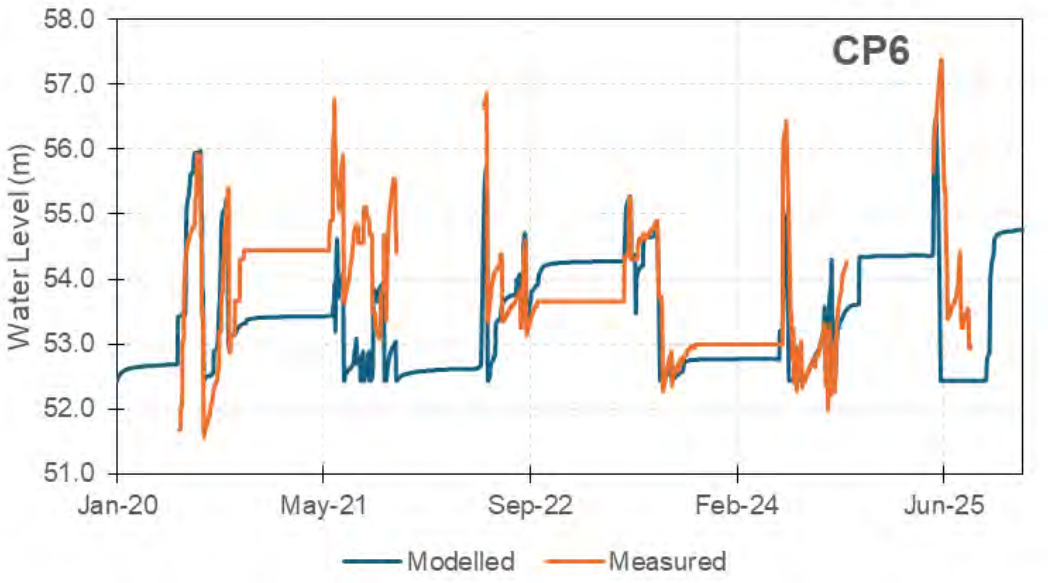


Figure 3-16: Modelled and Measured Water Levels for the CP6 Pond

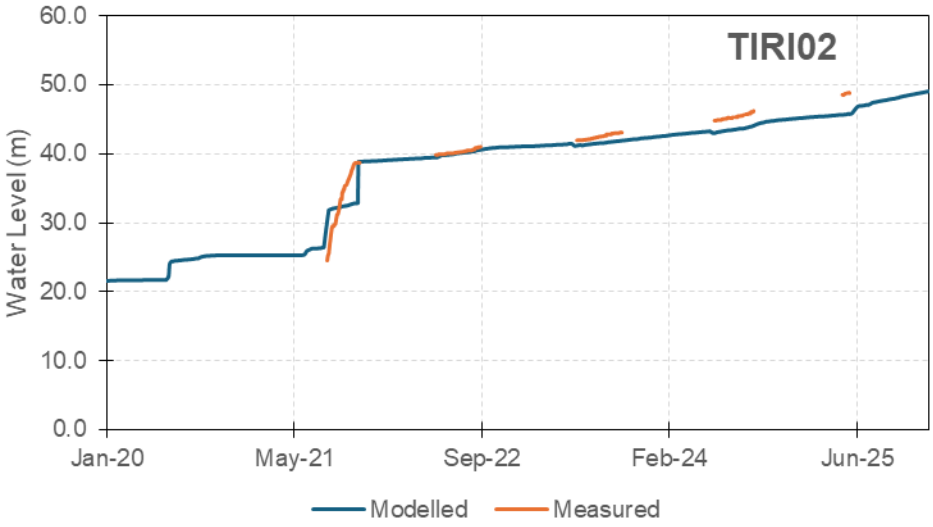


Figure 3-17: Modelled and Measured Water Levels for the TIRI02 Pit

3.3 Mine Site Water Balance Model

This section describes the components of the mine site WBM that have been updated from those presented in Lorax (2024). The representation of contact water generation from the TSF, WRSF and pit walls remains unchanged.

3.3.1 Lake Dewatering

To accommodate construction of mine infrastructure, it will be necessary to dewater multiple lakes located within the Meliadine Mine footprint. The model assumes that lakes are dewatered in the year prior to the associated mine infrastructure coming online (Table 3-4). Previously, it was assumed that the upper 50% of lake volume contain low levels of TSS and thus would be discharged to the receiving environment without treatment. The lower 50% of each lake (by volume) was expected to contain higher levels of TSS that may potentially exceed discharge criteria, and therefore these volumes were routed to the EWTP for treatment prior to discharge.

Based on operational experience during the dewatering of Lake A8 in 2025, 90% of that volume met discharge criteria and was dewatered directly to Meliadine Lake, with the bottom 10% by volume sent to CP1 for treatment prior to discharge. Based on this outcome, a conservative assumption is made here for most lakes, such that 70% of the dewatered volume is discharged directly to Meliadine Lake, and 30% is pumped to CP1. For smaller lakes, 100% of the volume is assumed to be sent to CP1.

Table 3-4:
Lake Dewatering Schedule

Mine Area	Lake	Volume (m^3)	2026	2027	2028	2029
FZONE	A5	3,041	30% to CP1	--	--	--
FZONE	A6	818,036	30% to CP1	--	--	--
FZONE	A19	851	30% to CP1	--	--	--
FZONE	A51	216	30% to CP1	--	--	--
FZONE	A52	124,774	30% to CP1	--	--	--
FZONE	A53	30	30% to CP1	--	--	--
Wesmeg North	B5	473,085	--	--	30% to CP1	--
Wesmeg North	B6	138,994	--	--	30% to CP1	--
Wesmeg North	B22	3,484	--	--	--	30% to CP1
Wesmeg North	B30	888	--	--	30% to CP1	--
Wesmeg North	B31	1,285	--	--	30% to CP1	--
Wesmeg North	B32	6,049	--	--	30% to CP1	--
Wesmeg	J4	2,239	100% to CP1	--	--	--
Wesmeg	J5	1,784	100% to CP1	--	--	--
Wesmeg	J7	19,730	100% to CP1	--	--	--
Wesmeg	J8	13,530	100% to CP1	--	--	--
Tiriganiaq	B7	666,073	--	30% to CP1	--	--
Tiriganiaq	J2	18,920	100% to CP1	--	--	--
Tiriganiaq	J3	14,735	100% to CP1	--	--	--
PUMP	B34	43,855	100% to CP1	--	--	--
PUMP	B39	11,817	--	--	--	30% to CP1
PUMP	B59	61,300	100% to CP1	--	--	--

3.3.2 Groundwater Inflows to Pits

During mining of the WES03, WN01 and PUMP04 pits, limited inflows of nearby shallow groundwater are predicted to occur. These inflows are expected to be limited in duration, as they result from draindown of remaining groundwater following dewatering of adjacent lakes. The inflows and associated TDS concentrations provided in Table 3-5 are also incorporated into the pit water and load balance model.

Table 3-5:
Predicted Daily Groundwater Inflows to Pits and Total Dissolved Solids Concentrations

Year	Predicted Groundwater Inflow (m^3/day)			Predicted Inflow TDS (mg/L)		
	WES03 Pit	WN01 Pit	PUMP04 Pit	WES03 Pit	WN01 Pit	PUMP04 Pit
2025	-	-	-	-	-	-
2026	200	-	-	1,500	-	-
2027	200	-	-	500	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
2030	-	<25	-	-	5,000	-
2031	-	<25	-	-	5,500	-
2032	-	<25	75	-	5,500	1,000
2033	-	<25	75	-	5,000	500
2034	-	-	75	-	-	500
2035	-	-	-	-	-	-
2036	-	-	-	-	-	-

Source: WSP 2026

3.3.3 Underground Inflows

The predicted average daily inflows to the underground mine workings remain uncharged from the 2024 Water Licence Amendment for the TIRI UG (Lorax, 2024) and are expected to be slightly higher for the PUMP UG mine beginning in 2028 as mining moves below the permafrost (Table 3-7; WSP 2024).

Measured underground inflows are presented for the 2018-2025 period in Table 3-6. The base case predicted inflows for the TIRI UG mine consisting of the Tirganiaq, Wesmeg and Wesmeg-North underground operations, were subsequently adjusted to account for the calculated difference between the predicted and measured underground inflows over the 2020-2023 period. This is equivalent to an approximate *measured:predicted* ratio of 0.74. Further losses to ore moisture (assumed to equal 2%) of ore mass are also applied, resulting in the adjusted values in Table 3-7. The predicted PUMP UG inflow values were not adjusted prior to input to the model. The WBWQM assumes that dewatering of all underground mines will be managed to the saline water management system due to the elevated TDS of the groundwater system.

Table 3-6:
Monthly measured underground dewatering volumes (2018-2025).
All values in m^3/day.

Month	2018	2019	2020	2021	2022	2023	2024	2025
January	0	88	17	122	154	51	239	217
February	0	58	100	73	140	110	293	219
March	0	42	335	82	119	118	224	147
April	0	90	977	74	139	176	221	233
May	0	131	541	164	148	151	295	230
June	81	191	388	193	235	187	352	282
July	333	260	255	235	245	296	357	387
August	249	175	170	231	271	250	414	441
September	321	143	182	198	330	260	443	382
October	111	2	129	199	244	275	421	430
November	112	8	103	108	125	282	321	311
December	29	26	201	115	111	206	204	310
Average	**103**	**101**	**283**	**149**	**188**	**197**	**315**	**299**

In addition to the predicted underground mine inflow rates, WSP (2026) predicted that water storage in the WES03 pit over the 2028-2036 period would result in 90 m^3/day of seepage reporting to the underlying Tiriganiaq underground mine. These seepage rates are conservative estimations, as they assume maximum underground mine extents, the WES03 pit flooded to the spill point elevation, and maximum possible permafrost degradation (WSP 2026). This predicted seepage from the WES03 pit to the TIRI UG mine is included in the dewatering rates presented in Table 3-7.

Table 3-7:
Predicted Daily Underground Dewatering Volumes (m^3/day)

Year	Underground Inflows (m^3/day)	
	TIRI UG	PUMP UG
2026	792	-
2027	1,008	50
2028	1,163	100
2029	1,073	125
2030	1,019	175
2031	1,019	275
2032	1,037	325
2033	1,037	350
2034	1,037	350
2035	1,019	350
2036	1,019	350

Notes:
Source: WSP 2026
Estimated groundwater inflows to the TIRI UG include reductions due to brine recirculation and ore moisture losses (0.72x), and additional seepage from WES03 pit (90 m^3/day for 2028-2036).

4. Water Quality Model Results

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4. Water Quality Model Updates

This section summarizes the approach, assumptions, conceptual model, and inputs used to construct the water quality model.

4.1 Approach and Assumptions

The water quality model is built upon the water balance model architecture described in Chapter 3, with water quality signatures assigned to non-contact (undisturbed) areas and mine infrastructure. Source term inputs to the WQM are based on either empirical observations from the operating mine site, data collected at analogue mine sites, or the results of various geochemical and metallurgical tests that have been undertaken to provide a basis for assigning likely future water quality associated with specific mine components.

Conceptually, modelled flows and associated source terms are combined in the GoldSim platform to derive predicted water quality estimates at key locations across the mine site (*e.g.*, ponds, pit lakes) and the two receiving environment nodes (Itivia Harbour and Meliadine Lake) throughout the phases of the Meliadine Mine. Concentrations of the POPCs listed in Table 4-1 are modelled for all mine water management ponds and sumps, open pit lakes and receiving environment nodes. WQM outputs are aggregated on a monthly time-step and Itivia Harbour discharges are screened against relevant water quality criteria described in Section 4.2.

Table 4-1:
Water Quality Model Parameter List

Major Ions	Dissolved		Total	
TDS	D-Ag	D-K	T-Ag	T-K
NH_3-N	D-Al	D-Mg	T-Al	T-Mg
NO_3-N	D-As	D-Mn	T-As	T-Mn
NO_2-N	D-B	D-Mo	T-B	T-Mo
SO_4	D-Ba	D-Na	T-Ba	T-Na
T-CN	D-Be	D-Ni	T-Be	T-Ni
WAD-CN	D-Ca	D-P	T-Ca	T-P
	D-Cd	D-Pb	T-Cd	T-Pb
	D-Cl	D-Sb	T-Cl	T-Sb
	D-Co	D-Se	T-Co	T-Se
	D-Cr	D-Sr	T-Cr	T-Sr
	D-Cu	D-Tl	T-Cu	T-Tl
	D-F	D-U	T-F	T-U
	D-Fe	D-V	T-Fe	T-V
	D-Hg	D-Zn	T-Hg	T-Zn
		D-Ra226		T-Ra226

Both total and dissolved concentrations are predicted for end-of-pipe (EOP) discharges during operations. The total concentrations are calculated by assuming that mine discharge to Meliadine Lake and Itivia Harbour contains the maximum monthly mean TSS concentration set by MDMER of 15 mg/L. In post-Closure, TSS levels in modelled waterbodies are expected to return to baseline concentrations. Owing to the minimal TSS present in the baseline environment, the model output assumes that total concentrations are equal to dissolved concentrations in this phase of mine life.

4.2 Parameter List and Screening Criteria

The parameters carried forward in the model consist of POPCs as defined by applicable guidelines and major ions that that contribute to TDS and hardness (Table 4-1). Both total and dissolved concentrations are tracked for certain model nodes (*i.e.*, EWTP, Waterline). Regulated parameters are defined in the following documents:

- 2020 Aquatic Effects Management Plan (AEMP) (Agnico Eagle, 2020a);
- Ocean Discharge Monitoring Plan (ODMP) (Agnico Eagle, 2020b); and,
- Type A Water License (2AM-MEL1631) for the Meliadine Mine.

The water quality model predictions are compared against applicable guidelines (Table 4-2) as a screening tool to identify POPCs. The specific screening criteria used for all mine phases are outlined below:

- During Operations and Active Closure, model predictions at the end-of-pipe (EOP) to Meliadine Lake (EWTP) are screened against effluent discharge limits outlined in the Type A Water Licence (2AM-MEL1631) for the Meliadine Mine and MDMER, while discharges to Itivia harbour are screened against MDMER.
- During the Post-Closure phase, model predictions at collection ponds, pit lakes, and natural waterbodies were screened as follows:
    - For waterbodies that are accessible to both aquatic and terrestrial life, generic water quality guidelines (CCME) and site-specific water quality objectives (SWQOs) adopted in the AEMP were used as the screening criteria.
    - For waterbodies listed under Schedule II as part of the Meliadine Mine Project (*e.g.*, Lake B7/CP7), model predictions were compared to both generic water quality guidelines for the protection of terrestrial life.

Table 4-2:
Water quality guidelines applied for comparison with model predictions during Operations, Active Closure, and post-Closure.

Parameter	Unit	Operations and Active Closure		Post-Closure	
		NWB Water License	MDMER	[1]Water Quality Guidelines for the Protection of Aquatic Life	Water Quality Guidelines for the Protection of Terrestrial Life
		End-of-Pipe Discharge to Meliadine Lake	*End-of-Pipe Discharge to Itivia Harbour and Meliadine Lake*	*Collection Ponds, Flooded Pits, and Other Waterbodies (exclude those listed in the Schedule II application)*	*Collection Pond CP7 (Lake B7)*
Total Dissolved Solids	mg/L	*3,500*	-	*1,000*	*3,000*
[2]Total Ammonia	mg/L	*14*	*19*	*0.58*	-
Nitrate	mg/L	-	-	*2.93*	-
Nitrite	mg/L	-	-	*0.06*	*10*
Chloride	mg/L	-	-	*120*	-
Fluoride	mg/L	-	-	*2.8*	*2*
Sulphate	mg/L	-	-		*1,000*
Total Cyanide	mg/L	*0.5*	*0.5*	-	-
Silver	mg/L	-	-	*0.00025*	-
Aluminum	mg/L	*2*	-	*0.1*	*5*
Arsenic	mg/L	*0.3*	*0.3*	*0.025*	*0.025*
Boron	mg/L	-	-	*1.5*	*5*
Barium	mg/L	-	-		-
Beryllium	mg/L	-	-	-	*0.1*
Calcium	mg/L	-	-	-	*1,000*
Cadmium	mg/L	-	-	*variable*	*0.08*
Cobalt	mg/L	-	-	-	*1*
Chromium	mg/L	-	-	*0.005*	*0.05*
Copper	mg/L	*0.2*	*0.3*	*variable*	*0.5*
Iron	mg/L	-	-	*1.06*	-
Mercury	mg/L	-	-	*0.000026*	*0.003*
Manganese	mg/L	-	-	*variable*	-
Molybdenum	mg/L	-	-	*0.073*	*0.5*
Nickel	mg/L	*0.5*	*0.5*	*variable*	*1*
Phosphorus	mg/L	*2*	-	*0.01*	-
Lead	mg/L	*0.2*	*0.1*	*0.001*	*0.1*
Antimony	mg/L	-	-	*0.009*	-
Selenium	mg/L	-	-	*0.001*	*0.05*
Strontium	mg/L	-	-	-	-
Thallium	mg/L	-	-	*0.0008*	-
Uranium	mg/L	-	-	*0.015*	*0.2*
Vanadium	mg/L	-	-	-	*0.1*
Zinc	mg/L	*0.4*	*0.5*	*variable*	*50*
Radium 226	Bq/L	-	*0.37*	-	-

Notes:
1. For waterbodies that are accessible to both aquatic and terrestrial life, generic water quality guidelines (CCME) and site-specific water quality objectives (SWQOs) adopted in the AEMP were used as the screening criteria. Site-specific hardness predicted at each node during Active Closure and post-Closure (2037-2119) was used to derive guidelines for parameters that are hardness dependent. The maximum pH (7.46) and lowest DOC (3.19 mg/L) measured at the MEL-01 monitoring station in 2020 were used to derive conservative guidelines for dissolved manganese and zinc.
2. The total ammonia (NH_3-N) guideline was determined conservatively by assuming a pH of 8 and a temperature of 15ºC.

4.3 Baseline (Non-contact) Water Quality Data

The baseline (unimpacted) concentrations were calculated from the available monitoring data for the undisturbed non-contact areas. Median baseline concentrations are summarized in Table 4-3 to Table 4-7.

Table 4-3:
Median Baseline Major Ions and Nutrient Concentrations for Non-contact Areas

Month	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Jan	144	0.128	0.0385	0.0010	37	0.020	13	0.0010	0.0010
Feb	144	0.128	0.0385	0.0010	37	0.020	13	0.0010	0.0010
Mar	144	0.128	0.0385	0.0010	37	0.020	13	0.0010	0.0010
Apr	144	0.128	0.0385	0.0010	37	0.020	13	0.0010	0.0010
May	90	0.069	0.0228	0.0010	21	0.020	7.3	0.0010	0.0010
Jun	36	0.010	0.0070	0.0010	5.9	0.020	2.0	0.0010	0.0010
July	33	0.008	0.0050	0.0010	7.5	0.039	3.0	0.0010	0.0010
Aug	45	0.048	0.0061	0.0010	11	0.044	4.0	0.0010	0.0010
Sep	51	0.113	0.0050	0.0010	13	0.045	5.1	0.0010	0.0010
Oct	51	0.113	0.0050	0.0010	13	0.045	5.1	0.0010	0.0010
Nov	51	0.113	0.0050	0.0010	13	0.045	5.1	0.0010	0.0010
Dec	51	0.113	0.0050	0.0010	13	0.045	5.1	0.0010	0.0010

Table 4-4:
Median Baseline Major Ions and Nutrient Concentrations for Meliadine Lake

Month	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Jan	24	0.005	0.0050	0.0010	7.6	0.026	3.0	0.0010	0.0010
Feb	24	0.005	0.0050	0.0010	7.6	0.026	3.0	0.0010	0.0010
Mar	24	0.005	0.0050	0.0010	7.6	0.026	3.0	0.0010	0.0010
Apr	24	0.005	0.0050	0.0010	7.6	0.026	3.0	0.0010	0.0010
May	24	0.005	0.0050	0.0010	7.6	0.026	3.0	0.0010	0.0010
Jun	24	0.005	0.0050	0.0010	7.6	0.026	3.0	0.0010	0.0010
July	24	0.005	0.0050	0.0010	7.6	0.026	3.0	0.0010	0.0010
Aug	26	0.005	0.0050	0.0010	8.4	0.026	3.6	0.0010	0.0010
Sep	27	0.005	0.0050	0.0010	8.6	0.026	3.6	0.0010	0.0010
Oct	27	0.005	0.0050	0.0010	8.6	0.026	3.6	0.0010	0.0010
Nov	27	0.005	0.0050	0.0010	8.6	0.026	3.6	0.0010	0.0010
Dec	27	0.005	0.0050	0.0010	8.6	0.026	3.6	0.0010	0.0010

Table 4-5:
Median Baseline Trace Metal Concentrations for Non-contact Areas

Month	D-Ag	D-Al	D-As	D-B	D-Ba	D-Be	D-Ca	D-Cd	D-Co	D-Cr	D-Cu	D-Fe	D-Hg	D-K	D-Mg	D-Mn	D-Mo	D-Na	D-Ni	D-P	D-Pb	D-Sb	D-Se	D-Sr	D-Tl	D-U	D-V	D-Zn	D-Ra226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Jan	0.000005	0.0059	0.0028	0.0069	0.073	0.000005	58	0.00002	0.0007	0.0012	0.0019	0.19	0.00001	3.3	8.1	0.21	0.0003	13	0.0026	0.07	0.00096	0.00023	0.00013	0.31	0.000002	0.0001	0.0021	0.0016	0
Feb	0.000005	0.0059	0.0028	0.0069	0.073	0.000005	58	0.00002	0.0007	0.0012	0.0019	0.19	0.00001	3.3	8.1	0.21	0.0003	13	0.0026	0.07	0.00096	0.00023	0.00013	0.31	0.000002	0.0001	0.0021	0.0016	0
Mar	0.000005	0.0059	0.0028	0.0069	0.073	0.000005	58	0.00002	0.0007	0.0012	0.0019	0.19	0.00001	3.3	8.1	0.21	0.0003	13	0.0026	0.07	0.00096	0.00023	0.00013	0.31	0.000002	0.0001	0.0021	0.0016	0
Apr	0.000005	0.0059	0.0028	0.0069	0.073	0.000005	58	0.00002	0.0007	0.0012	0.0019	0.19	0.00001	3.3	8.1	0.21	0.0003	13	0.0026	0.07	0.00096	0.00023	0.00013	0.31	0.000002	0.0001	0.0021	0.0016	0
May	0.000005	0.0067	0.0018	0.008	0.042	0.000005	34	0.000021	0.00045	0.00065	0.0013	0.12	0.00001	2.1	4.6	0.11	0.0002	7.5	0.0018	0.058	0.00096	0.00023	0.00013	0.18	0.000002	0.000075	0.0013	0.0018	0
Jun	0.000005	0.0075	0.0009	0.010	0.011	0.000005	10	0.000023	0.0002	0.0001	0.0006	0.042	0.00001	0.87	1.2	0.015	0.0001	2.5	0.001	0.045	0.0001	0.00023	0.000043	0.049	0.000002	0.00005	0.0005	0.0021	0
July	0.000005	0.0048	0.0011	0.008	0.014	0.000005	11	0.000005	0.0001	0.0001	0.00086	0.047	0.00001	0.92	1.3	0.010	0.0002	3.3	0.00093	0.045	0.0001	0.00006	0.000043	0.055	0.000002	0.00005	0.00009	0.0012	0
Aug	0.000005	0.0057	0.0011	0.013	0.015	0.000005	14	0.000005	0.0002	0.0001	0.00077	0.036	0.00001	1.1	1.5	0.010	0.00046	3.9	0.001	0.043	0.000015	0.00002	0.000054	0.068	0.000002	0.000062	0.000069	0.0011	0
Sep	0.000005	0.0085	0.0011	0.012	0.017	0.000005	16	0.000015	0.0002	0.00013	0.00099	0.047	0.00001	1.1	1.8	0.010	0.00058	4.3	0.001	0.058	0.000019	0.00002	0.00004	0.074	0.000002	0.000087	0.00020	0.0011	0
Oct	0.000005	0.0085	0.0011	0.012	0.017	0.000005	16	0.000015	0.0002	0.00013	0.00099	0.047	0.00001	1.1	1.8	0.010	0.00058	4.3	0.001	0.058	0.000019	0.00002	0.00004	0.074	0.000002	0.000087	0.00020	0.0011	0
Nov	0.000005	0.0085	0.0011	0.012	0.017	0.000005	16	0.000015	0.0002	0.00013	0.00099	0.047	0.00001	1.1	1.8	0.010	0.00058	4.3	0.001	0.058	0.000019	0.00002	0.00004	0.074	0.000002	0.000087	0.00020	0.0011	0
Dec	0.000005	0.0085	0.0011	0.012	0.017	0.000005	16	0.000015	0.0002	0.00013	0.00099	0.047	0.00001	1.1	1.8	0.010	0.00058	4.3	0.001	0.058	0.000019	0.00002	0.00004	0.074	0.000002	0.000087	0.00020	0.0011	0

Table 4-6:
Median Baseline Trace Metal Concentrations for Meliadine Lake

Month	D-Ag	D-Al	D-As	D-B	D-Ba	D-Be	D-Ca	D-Cd	D-Co	D-Cr	D-Cu	D-Fe	D-Hg	D-K	D-Mg	D-Mn	D-Mo	D-Na	D-Ni	D-P	D-Pb	D-Sb	D-Se	D-Sr	D-Tl	D-U	D-V	D-Zn	D-Ra226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Jan	0.000005	0.0017	0.00023	0.0039	0.0071	0.000005	6.4	0.000005	0.00001	0.00009	0.00090	0.006	0.0000008	0.80	1.0	0.0013	0.000068	4.0	0.00054	0.0027	0.000048	0.00002	0.00004	0.029	0.000002	0.000013	0.00005	0.0015	0.005
Feb	0.000005	0.0017	0.00023	0.0039	0.0071	0.000005	6.4	0.000005	0.00001	0.00009	0.00090	0.006	0.0000008	0.80	1.0	0.0013	0.000068	4.0	0.00054	0.0027	0.000048	0.00002	0.00004	0.029	0.000002	0.000013	0.00005	0.0015	0.005
Mar	0.000005	0.0017	0.00023	0.0039	0.0071	0.000005	6.4	0.000005	0.00001	0.00009	0.00090	0.006	0.0000008	0.80	1.0	0.0013	0.000068	4.0	0.00054	0.0027	0.000048	0.00002	0.00004	0.029	0.000002	0.000013	0.00005	0.0015	0.005
Apr	0.000005	0.0017	0.00023	0.0039	0.0071	0.000005	6.4	0.000005	0.00001	0.00009	0.00090	0.006	0.0000008	0.80	1.0	0.0013	0.000068	4.0	0.00054	0.0027	0.000048	0.00002	0.00004	0.029	0.000002	0.000013	0.00005	0.0015	0.005
May	0.000005	0.0017	0.00023	0.0039	0.0071	0.000005	6.4	0.000005	0.00001	0.00009	0.00090	0.006	0.0000008	0.80	1.0	0.0013	0.000068	4.0	0.00054	0.0027	0.000048	0.00002	0.00004	0.029	0.000002	0.000013	0.00005	0.0015	0.005
Jun	0.000005	0.0017	0.00023	0.0039	0.0071	0.000005	6.4	0.000005	0.00001	0.00009	0.00090	0.006	0.0000008	0.80	1.0	0.0013	0.000068	4.0	0.00054	0.0027	0.000048	0.00002	0.00004	0.029	0.000002	0.000013	0.00005	0.0015	0.005
July	0.000005	0.0017	0.00023	0.0039	0.0071	0.000005	6.4	0.000005	0.00001	0.00009	0.00090	0.006	0.0000008	0.80	1.0	0.0013	0.000068	4.0	0.00054	0.0027	0.000048	0.00002	0.00004	0.029	0.000002	0.000013	0.00005	0.0015	0.005
Aug	0.000005	0.0016	0.00023	0.0050	0.0073	0.000005	6.8	0.000005	0.00001	0.0001	0.00066	0.004	0.0000005	0.88	1.1	0.0004	0.000072	4.4	0.00042	0.0022	0.000005	0.00002	0.00004	0.032	0.000002	0.000013	0.00005	0.0005	0.005
Sep	0.000005	0.0018	0.00023	0.0050	0.0074	0.000005	6.9	0.000005	0.00001	0.00006	0.00067	0.004	0.0000005	0.95	1.1	0.0004	0.000089	4.5	0.00041	0.0028	0.000018	0.00002	0.00004	0.032	0.000002	0.000014	0.00005	0.0010	0.005
Oct	0.000005	0.0018	0.00023	0.0050	0.0074	0.000005	6.9	0.000005	0.00001	0.00006	0.00067	0.004	0.0000005	0.95	1.1	0.0004	0.000089	4.5	0.00041	0.0028	0.000018	0.00002	0.00004	0.032	0.000002	0.000014	0.00005	0.0010	0.005
Nov	0.000005	0.0018	0.00023	0.0050	0.0074	0.000005	6.9	0.000005	0.00001	0.00006	0.00067	0.004	0.0000005	0.95	1.1	0.0004	0.000089	4.5	0.00041	0.0028	0.000018	0.00002	0.00004	0.032	0.000002	0.000014	0.00005	0.0010	0.005
Dec	0.000005	0.0018	0.00023	0.0050	0.0074	0.000005	6.9	0.000005	0.00001	0.00006	0.00067	0.004	0.0000005	0.95	1.1	0.0004	0.000089	4.5	0.00041	0.0028	0.000018	0.00002	0.00004	0.032	0.000002	0.000014	0.00005	0.0010	0.005

4.4 Source Terms

4.4.1 Source Term Updates

The source terms developed for the Nunavut Water Board (NWB) 2024 Water Licence Amendment, described in Lorax, (2024) are applied to the current model scenario with updates as described below.

- Source terms were adjusted to reflect the current mine plan and waste schedule for WRSFs, the TSF, open pits, and the underground mine.
- Deposition of wind-blown particulates originating from the TSF has been incorporated into the water quality model. The addition of dust fall loads were calibrated based to water quality changes in Reference Lakes observed between 2019 and 2024, which are discussed in greater detail in Section 4.4.2.
- Updated calibration of WRSF and TSF source terms were completed for the period of 2020 to 2024 as informed by recent monitoring data at CP3, CP4 and CP6. The calibration calculates WRSF and TSF loading based on water quality monitoring and water balance of each collection pond. The updated calibration also incorporates estimates of dust fall impacts on each collection pond, described in Section 4.4.2.
- The end-of-mine lithologic compositions presented in Lorax (2022) are used to calculate the geochemical source terms for the WRSFs, pit walls, and TSF. This is a simplification from previous model versions, which used a transient dump composition for each year of mine life.
- Underground mine loading rates were updated to reflect the current mine schedule and monitoring data from 2020 to 2024. The loading rates derived for wall rock, rockfill and tailings backfill were adjusted from what was derived in Lorax (2022) to match annual median concentrations produced from TIRI UG between 2020 and 2021. The adjusted loading rates were then applied to the excavation and backfill schedule for TIRI and Pump UG mines. These loadings are combined with groundwater flows and TDS concentrations provided in Table 3-6 to produce source terms from UG mines.

All other source terms (*e.g.*, STP effluent, disturbed areas.) are identical to those described in the Lorax (2024) WBWQM. Complete source terms applied to the water quality model are provided in Appendix C.1.

4.4.2 Dustfall Loading Rate

Reference Lakes surrounding Meliadine Mine (A8, B7, D7, E3, G2 and H2; Figure 3-6) have shown changes in water quality since mining activities began in 2019. Monitoring data shows concentrations of As and Na have increased between 2019 and 2024, while concentrations of most other metals (e.g., Cd, Co, Cu) have remained relatively stable and near detection limits (Agnico Eagle, 2024).

The Reference Lakes do not directly receive mine site surface water, and the potential for groundwater seepage reaching these lakes is considered low due to pervasive permafrost surrounding mining areas. Potential sources of Na and As loadings to the Reference Lakes include melting of saline permafrost which is widespread in regions surrounding Hudson Bay (Skierszkan et al., 2024), or wind-blown dust from the mine area (e.g., TSF dry stack). Evidence for the source of As and Na can be found in seasonal water quality monitoring trends and observations from Snowcore data.

Different seasonal trends are observed for As and Na in Reference Lakes, with peak As concentrations typically observed during freshet while peak Na concentrations typically observed in the fall. This trend is most evident in smaller lakes (E3, G2 and H1) which are more sensitive to seasonal variations in runoff quality (Figure 3-4). The occurrence of peak As concentrations in the spring indicates that its release is associated with snowmelt. Snowcore monitoring data at station SNOCORE-Boundary near Lake G2 shows D-As concentrations ranging from 0.0036 to 0.047 mg/L, which is similar or greater than the range of peak As concentrations observed during freshet in Lake G2 (Figure 3-4). Conversely, snowcore data from this station shows Na concentrations ranging from 0.41 to 1.01 mg/L, which is below the range of concentrations observed in Lake G2 (Figure 3-4), indicating that snowmelt is not contributing to increasing Na concentrations.

The behaviour of As in Reference Lakes is consistent with release from wind-blown dust. That is, a majority of dust fall occurs during winter months when the strongest winds occur and dust suppression is more challenging. The relatively high As concentrations in the Snowcore, and peak concentrations associated with Snowmelt are consistent with this release mechanism. The behaviour of Na in Reference Lakes is more consistent with saline permafrost melt, as this parameter is not notably elevated in Snowcore, and it shows peak concentrations in the fall when the active zone melt reaches its seasonal depth maximum.

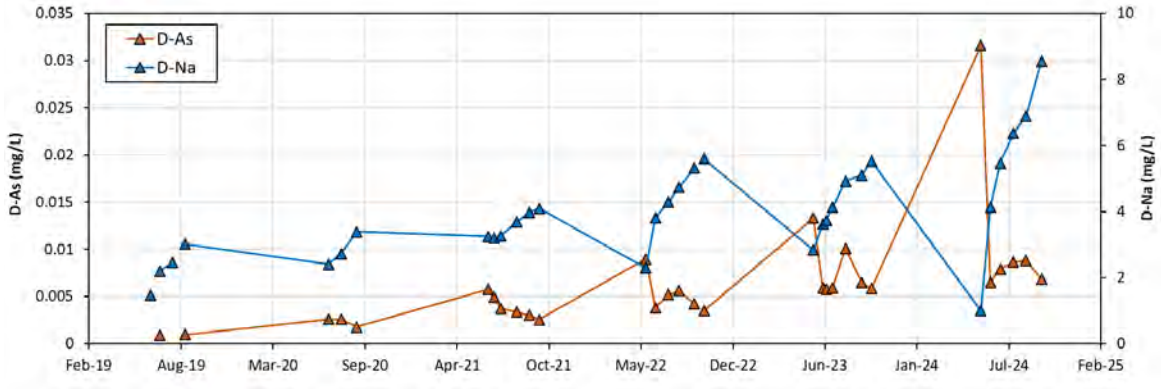


Figure 3-1: Time series for As and Na in Lake G2 for the period of February 2019 to December 2024.

In order to incorporate As loading associated with dust fall into the water quality model, a calibration exercise was completed using Reference Lake data. The calibration was designed to re-produce the water balance of each Reference Lake and calculate the As loading required to re-produce the 95th percentile As concentration observed in each Reference Lake between 2019 and 2024. The calibration results, along with water quality monitoring, estimated dust-impacted runoff concentrations, and Snowcore monitoring data adjacent to each Reference Lake are shown in Figure 4-1 and Figure 4-2. The calibrated As loading rates used to generate the concentrations shown in these figures are shown in Table 4-7.

Dust fall loading rates derived for Reference Lakes were applied to adjacent mine-impacted catchment areas. The two catchments immediately surrounding the TSF were assigned 2x the B7 catchment are loading to account for proximity to the TSF. The catchment surrounding the Fzone and Pump areas were assigned the dust fall loading calculated for Lake A8, which is the nearest calibration point (e.g., Reference Lake) to these mining areas.

The dust fall loading rates shown in Table 4-7 are applied to the operations phase of the water quality model. Dust fall loading is expected to be mitigated in active closure by TSF cover construction, removal of ROM ore stockpiles, and cessation of blasting in open pits. Therefore, no As dust fall loading was applied in the Active Closure or Post Closure period.

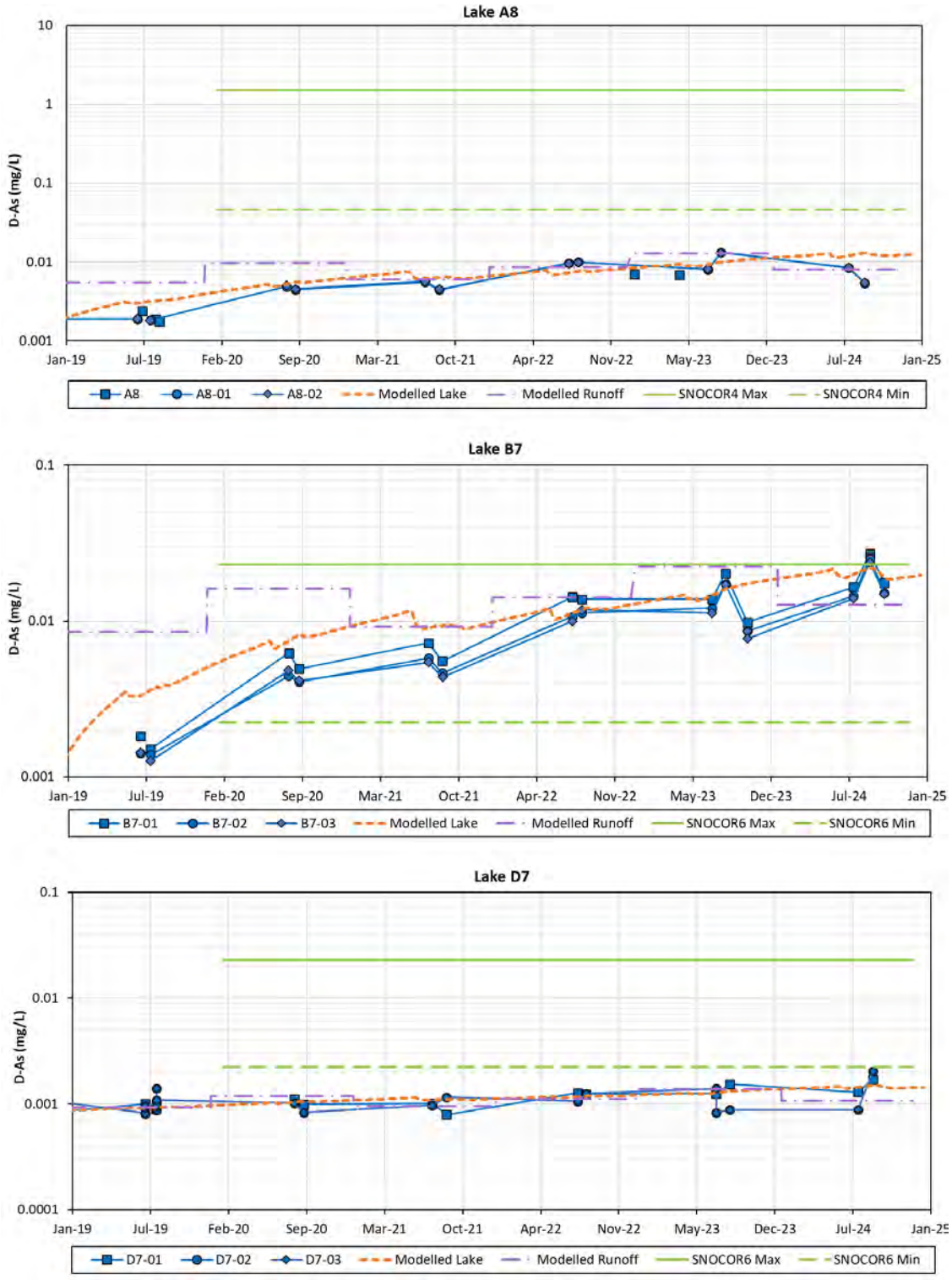


Figure 4-2: Arsenic monitoring and modelling results for Lakes A8, B7, and D7 and As snow core concentrations for the period of January 2019 to December 2024. Note that the y-axis is plotted on a logarithmic scale.

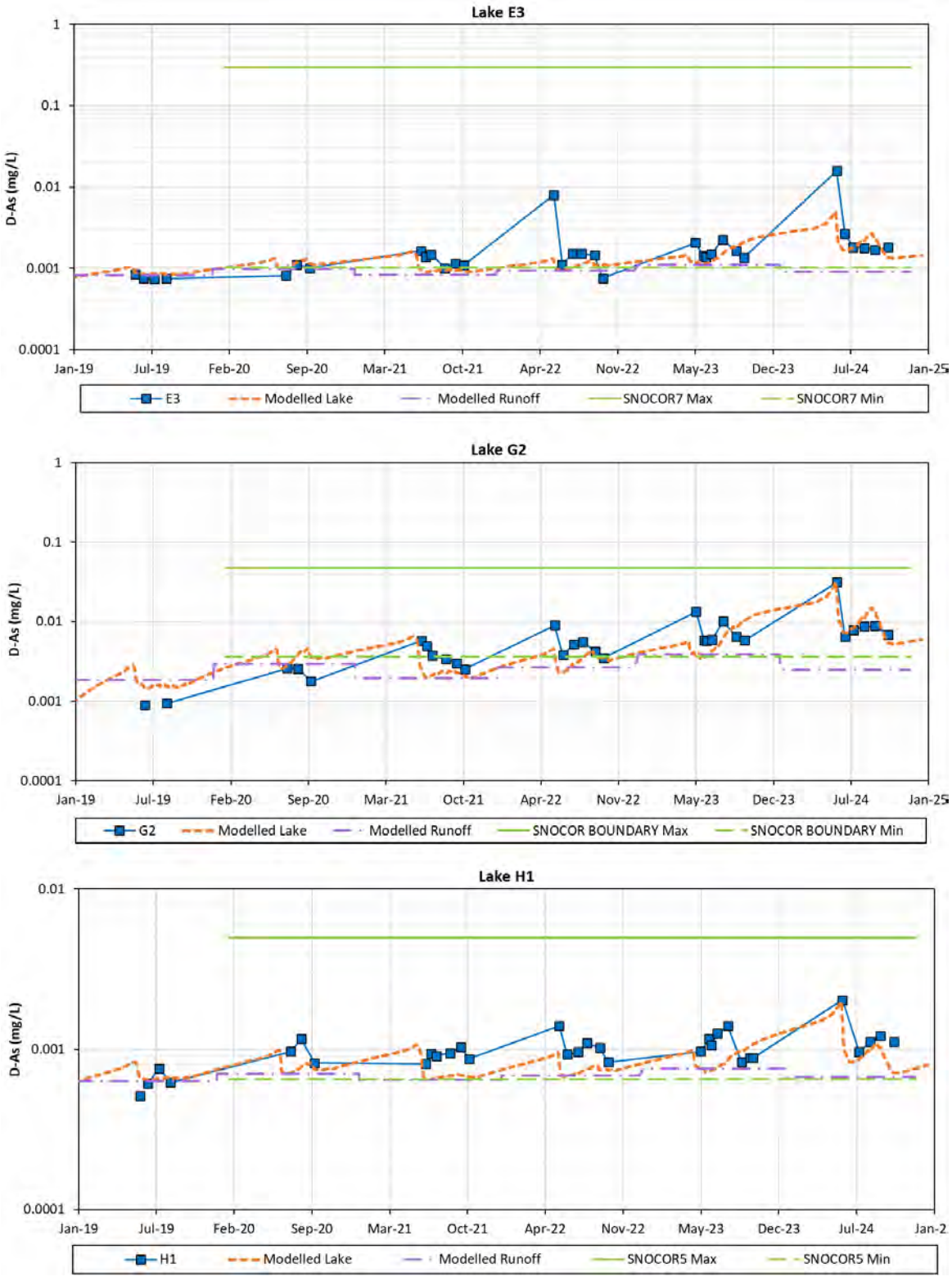


Figure 4-3: Arsenic monitoring and modelling results for Lakes E3, G2, and H1 and As snow core concentrations for the period of January 2019 to December 2024.

Table 4-7:
Dustfall Loading Rates

Catchment Area	Dustfall Loading Rate (As mg/m^2/day)	Data Source
A8	0.0035	Calibrated
B7	0.0065	Calibrated
D7	0.00022	Calibrated
E3	0.00014	Calibrated
G2	0.00094	Calibrated
H1	0.000057	Calibrated
CP3	0.013	2x B7 Catchment
CP4	0.013	2X B7 Catchment
CP6	0.000057	H1 Catchment
CP1	0.0065	B7 Catchment
FZone Area	0.0035	A8 Catchment
Pump Area	0.0035	A8 Catchment

4.4.3 Validation of Predicted Water Quality

Water quality predictions are validated against site monitoring data from 2020 to 2024 in order to confirm that the current model can conservatively reproduce observed water quality. The validation is conducted using the most up to date version of the WBWQM which incorporates the current site layout (Figure 3-6 to Figure 3-9), site pumping records, calibrated source terms and dustfall estimates.

Model node CP1 represents composite drainage chemistry from mine surface facilities. The CP1 collection pond has operated as the final collection point for surface contact water prior to treatment via the effluent water treatment plant (EWTP) and discharge to Meliadine Lake. This collection pond receives drainage from all non-saline mine facilities (*e.g.*, WRSF1, WRSF3, TSF, ore stockpiles, mine facilities areas, *etc.*) and upgradient mine catchments. Validation results for CP1 are provided in Figure 4-3. Additional validation results for calibrated nodes CP3, CP4, CP6 and the Tiriganiaq Underground are provided in Appendix C.2.

Overall, the validation model shows that calibrated source terms conservatively predict water quality at CP1 for TDS, sulphate, total cyanide (T-CN) ammonia (NH_3), arsenic (As), nickel (Ni), copper (Cu) and selenium (Se). Modelled concentrations during the winter months are under ice; therefore, validation focuses on model fit to monitoring results collected during the open water season (June to September). For NH_3-N, results are initially

below the range of monitoring results shortly after model initiation in 2020 but are then significantly overestimated from 2021 onwards. Validation of this parameter in CP1 is complicated by attenuation processes impacting NH_3 such as oxidation and algal assimilation not incorporated into the model framework. T-CN values are underestimated in 2020, which could be impacted by model initialization and the elevated T-CN method detection limit during this time period. Monitoring data collected with lower T-CN detection limits starting in 2022 show overall better validation.

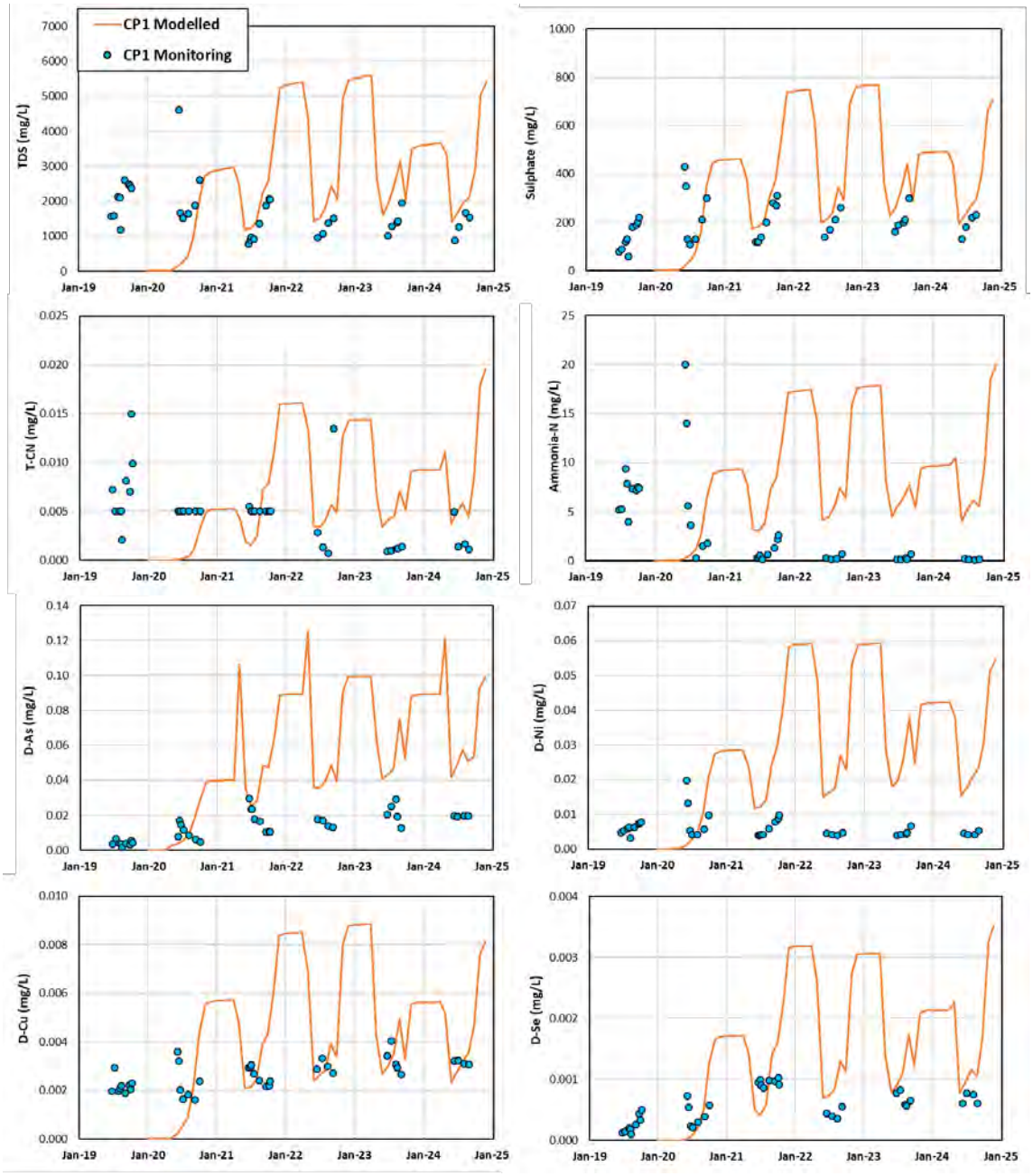


Figure 4-4: Water Quality Model Validation Results for CP1

The validation exercise shows that the water quality model assumptions can conservatively reproduce monitoring results.

4.4.4 Source Term Results

The temporal trends for TDS and As are illustrated for WRSFs, the TSF, Open Pits, in Figure 4-4, Figure 4-5 and Figure 4-6, respectively. The complete set of source terms applied to the current WBWQM are provided in Appendix C.2.

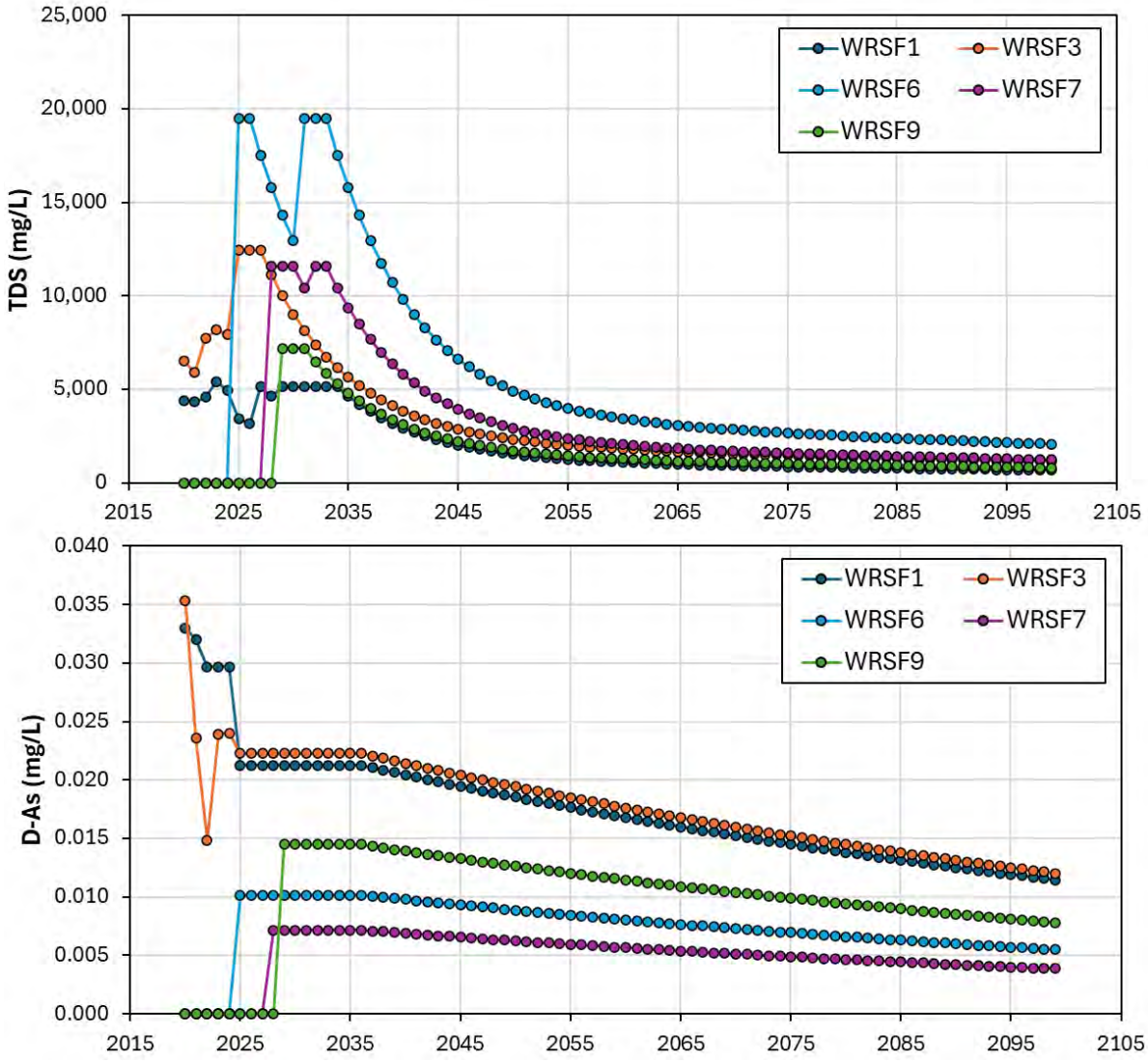


Figure 4-5: Waste Rock Storage Facility Annual Source Term for TDS (top) and As (bottom).

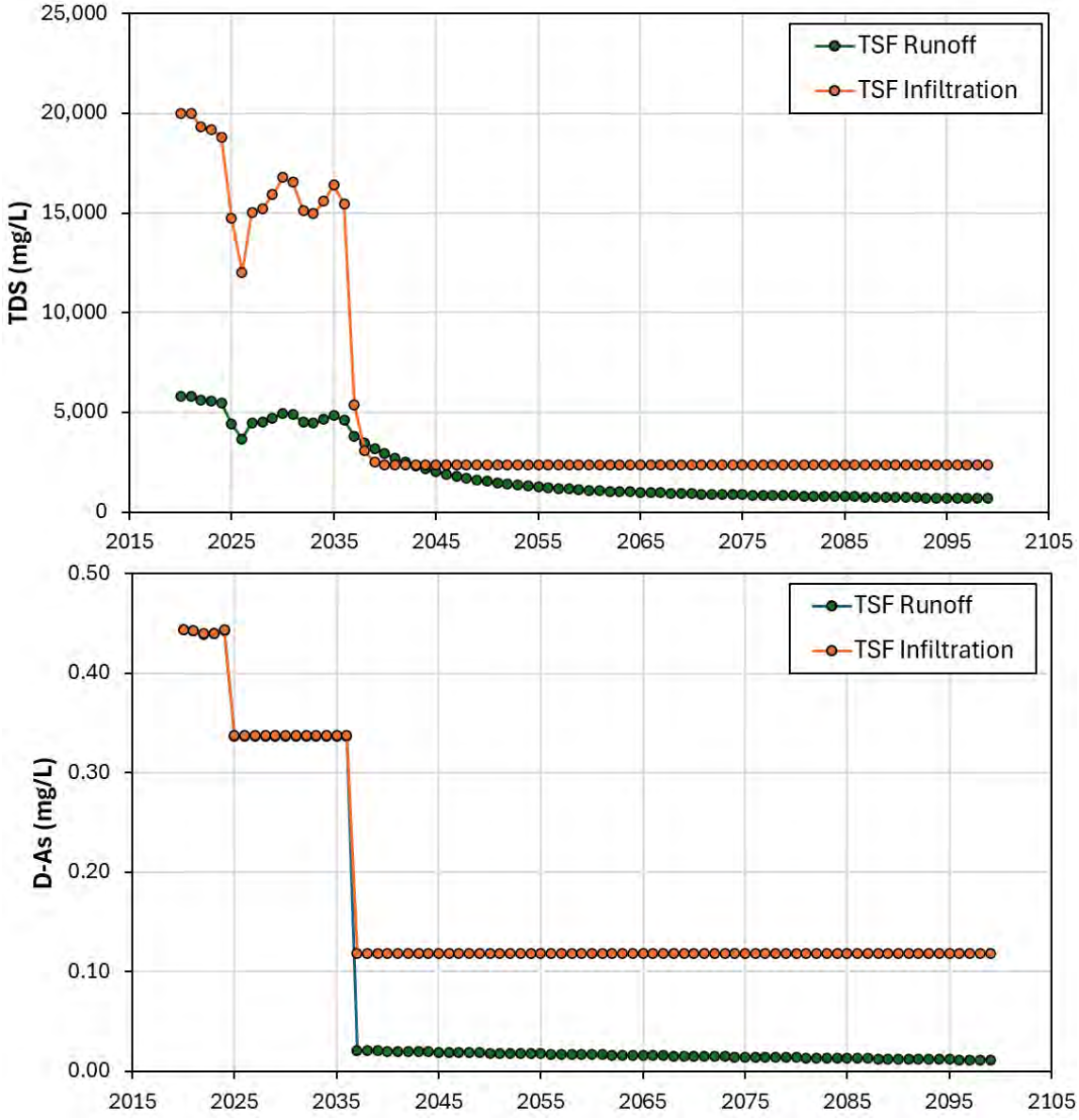


Figure 4-6: Tailings Storage Facility Annual Source Terms for TDS (top) and As (bottom).

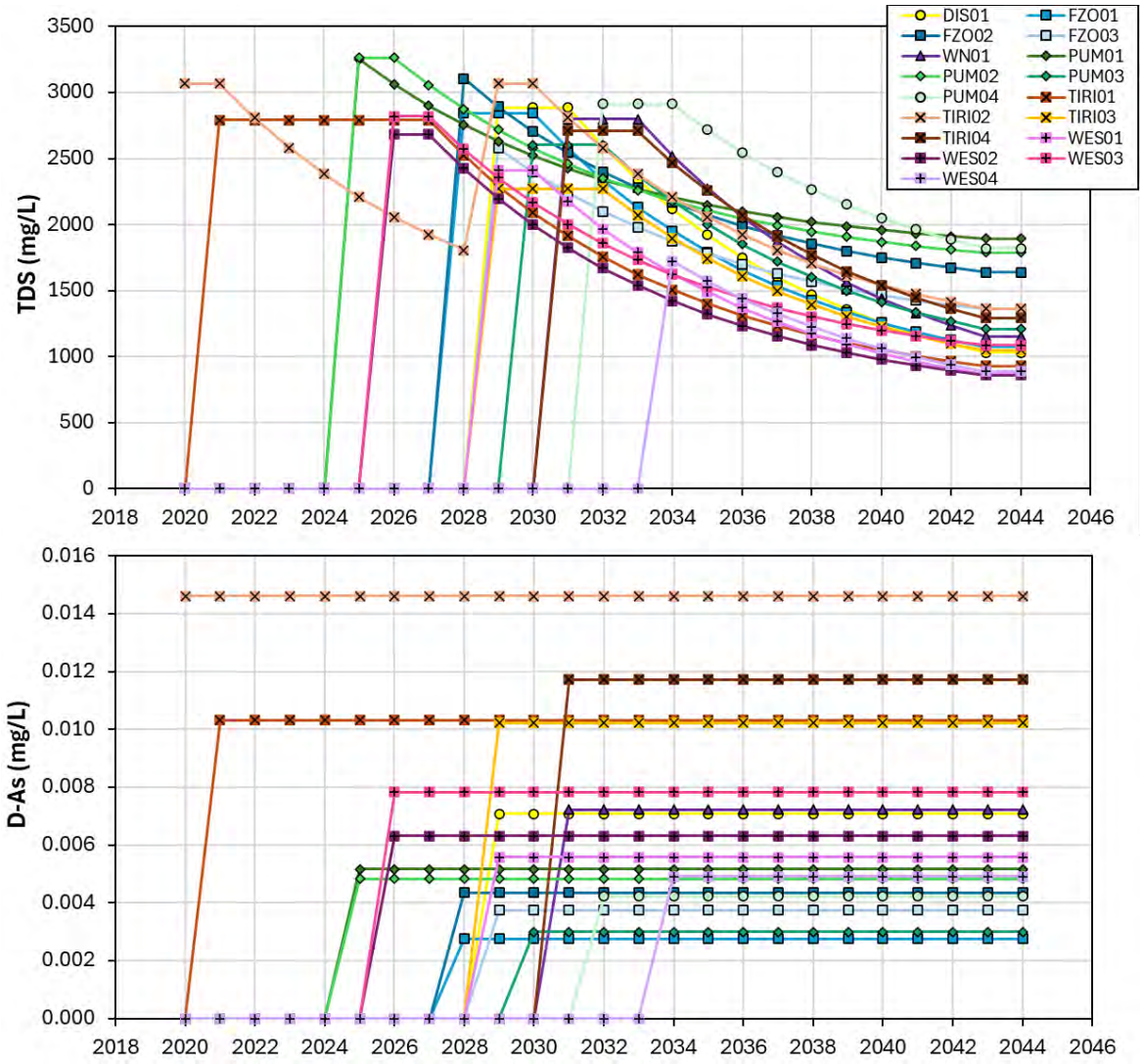


Figure 4-7: Pit Wall Annual Results for TDS (top) and As (bottom).

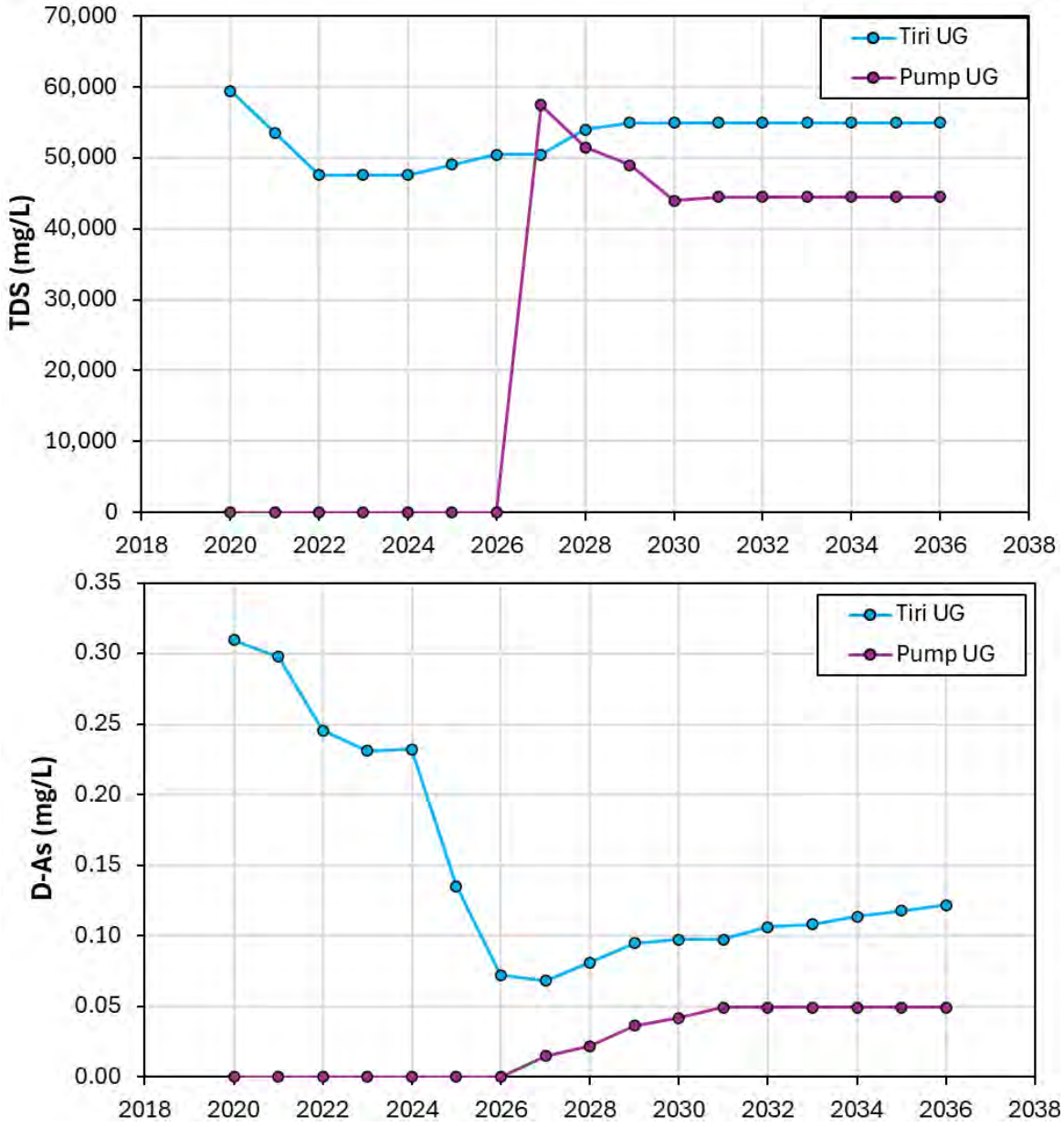


Figure 4-8: Underground Mine Annual Results for TDS (top) and As (bottom).

5. Water Balance Results



5. Water Balance Results

Water balance model results are presented in this section, with a focus on the annual operational discharges to Itivia Harbour and Meliadine Lake (Section 1). Operations phase water balance time-series are provided for the key saline (TIRI02, PUMP02 and WES02) and surface contact water collection (CP1, CP7, WES03, and FZONE02) ponds, as well as tabular summaries of annual water balances for the remaining sumps, ponds, and open pits (Section 5.1).

As compared to the NWB approved 2025 Modification application, the following changes in the mine water management plan, and therefore the overall operational water balance and discharge volumes are highlighted:

- Waterline commissioning in June 2027 moves the discharge to Itivia Harbour one year later, resulting in increased discharges to Meliadine Lake in 2026 relative to the 2025 Modification application;
- Reduction in the proportion of lake dewatering volumes routed to CP1 from 50% to 30%, based on operational experience;
- Mining of PUMP UG beneath the permafrost beginning in 2031 increases the groundwater inflows to this mine void;
- Pumping of remaining saline water in the WES02 pit to the underground mine voids at the beginning of Active Closure; and,
- Operation of the Waterline to discharge any remaining surface contact water and saline water for the first three years of Active Closure.

5.1 Operational Mine Water Discharge to Itivia Harbour and Meliadine Lake

All surface contact water collected in the WES03 and CP1 Ponds is routed to the EWTP for treatment, targeting removal of TSS, before discharge to the receiving environment. Throughout Operations, discharge priority for surface contact water is via the Waterline to Itivia Harbour, with the objective of minimizing operational discharges to Meliadine Lake as outlined in the Adaptive Management Plan for Water Management. Under the Base Case RCP4.5 climate scenario, discharges to Itivia Harbour are predicted to be 1.97 Mm^3 per year while the Waterline is in operation with 0.45 Mm^3 per year on average comprised of saline water and 1.52 Mm^3 per year comprised of surface contact water (Figure 5-1 and Table 5-1).

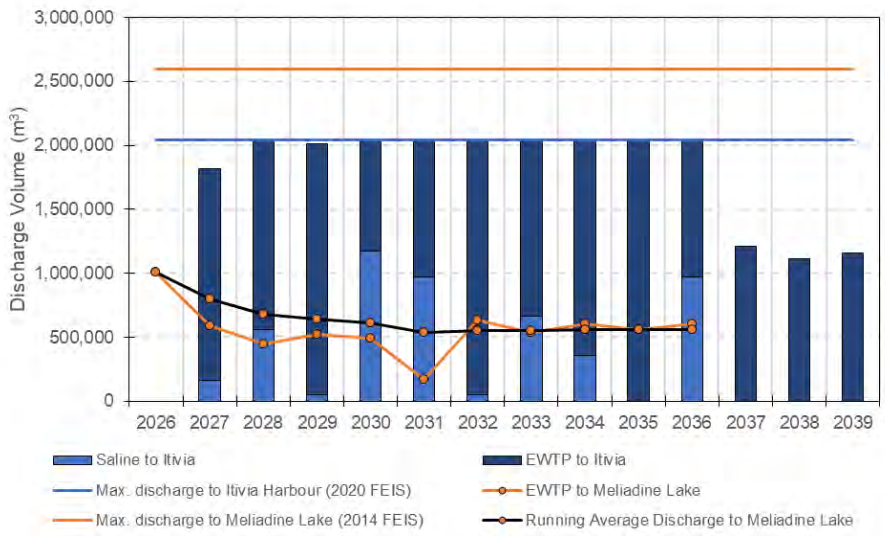


Figure 5-1: Annual discharges to Itivia Harbour and Meliadine Lake for Operations (2026-2036) and the first three years of Active Closure (2037-2039). The maximum predicted discharges to each receiver from the 2014 FEIS are presented for reference.

Table 5-1:
Annual discharge volumes and sources. Active closure phase discharges highlighted in grey.

Discharge	TIRI02 Dewatering	WES02 to Itivia Harbour	Surface Contact to Itivia Harbour	Total Discharge to Itivia Harbour	Discharge to Meliadine Lake
Year	**m³**				
2026	0	0	0	0	1,012,616
2027	204,736*	0	1,660,764	1,820,000	590,548
2028	1,688,376	612,000	1,479,000	2,040,000	446,503
2029	508,094	102,000	1,961,689	2,012,689	524,553
2030	0	1,224,000	867,000	2,040,000	493,144
2031	0	1,020,000	1,071,000	2,040,000	171,736
2032	0	102,000	1,989,000	2,040,000	636,264
2033	0	714,000	1,377,000	2,040,000	541,101
2034	0	408,000	1,683,000	2,040,000	605,419
2035	0	0	2,040,000	1,989,000	556,628
2036	0	1,020,000	1,071,000	2,040,000	602,516
2037	0	0	1,213,190	1,162,190	0
2038	0	0	1,115,441	1,064,441	0
2039	0	0	1,155,414	1,109,914	0
Operations Total	**2,401,206**	**5,202,000**	**15,199,453**	**20,101,689**	**6,181,028**
Active Closure Total	**0**	**0**	**3,484,045**	**3,336,545**	**0**

Notes:
* TIRI02 dewatering volume in 2027 discharged via Waterline as WES02 is not yet available for use as a saline storage reservoir.

Discharges to Meliadine Lake average 0.56 Mm^3/year over 2026-2036, with the peak annual discharge of 1.0 Mm^3 predicted to occur in 2026 prior to the Waterline becoming operational.

The updated model shows slight changes to the annual discharge volumes relative to those presented in Lorax (2025) and are summarized as follows:

- Reductions in saline water discharge to Itivia Harbour, with the exception of 2030, 2031, and 2033 (Figure 5-2);
- Comparable treated effluent discharge volumes from the EWTP to Itivia Harbour (Figure 5-3);
- Reduced discharges to Meliadine Lake via the EWTP (Figure 3-4; Table 5-2); and,
- Increased proportion of total Waterline discharge comprised of treated surface contact water (via the EWTP; Figure 5-4; Table 5-2).

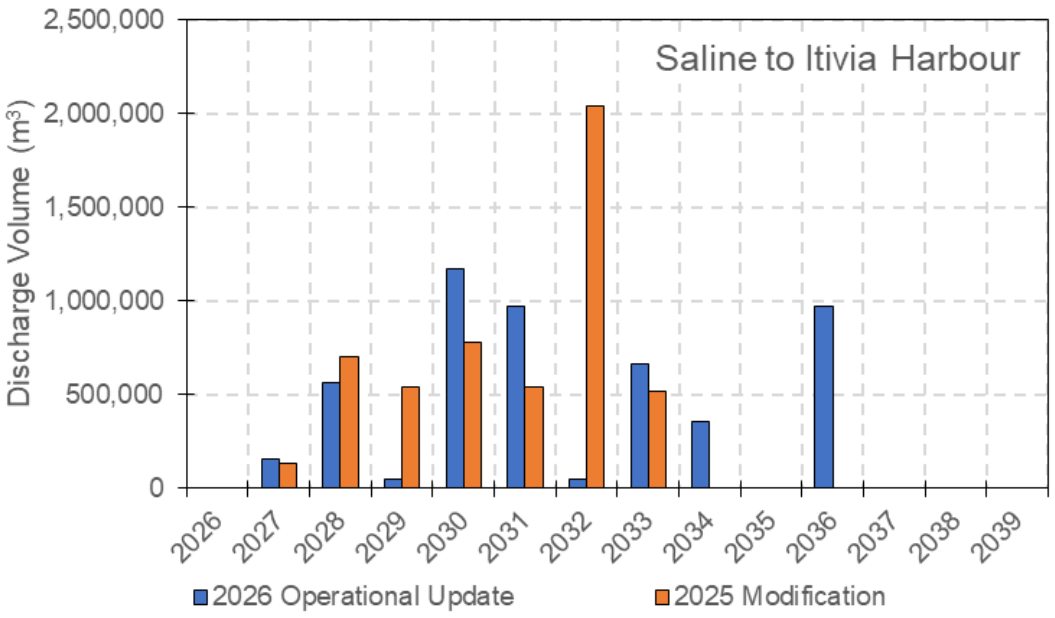


Figure 5-2: Annual Saline Water Discharges to Itivia Harbour

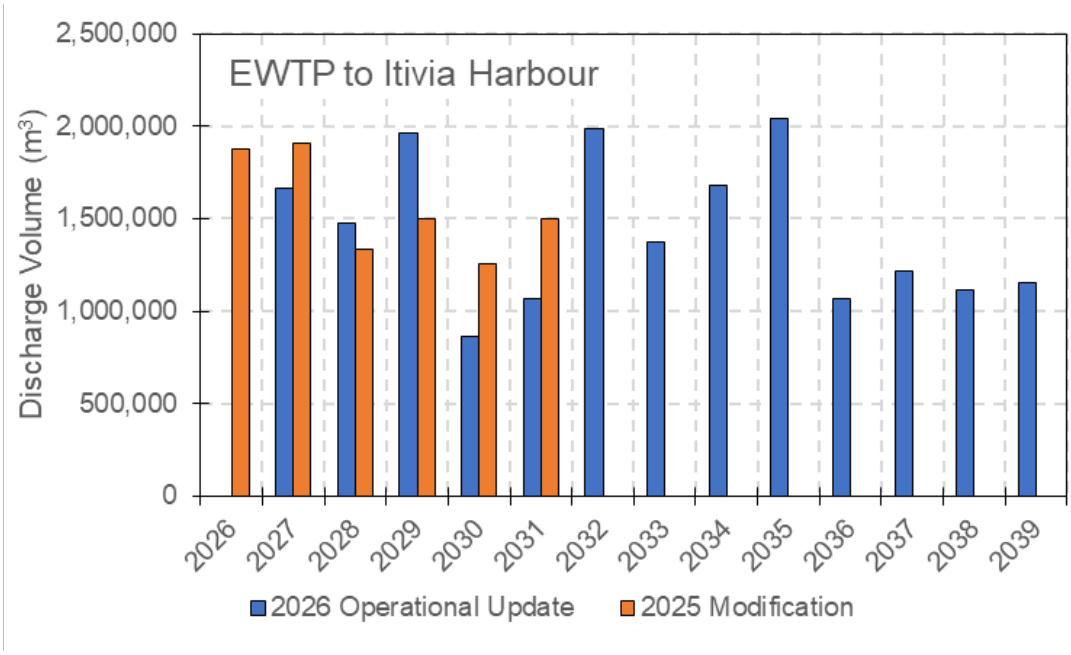


Figure 5-3: Annual Surface Contact Water (EWTP) Discharges to Itivia Harbour

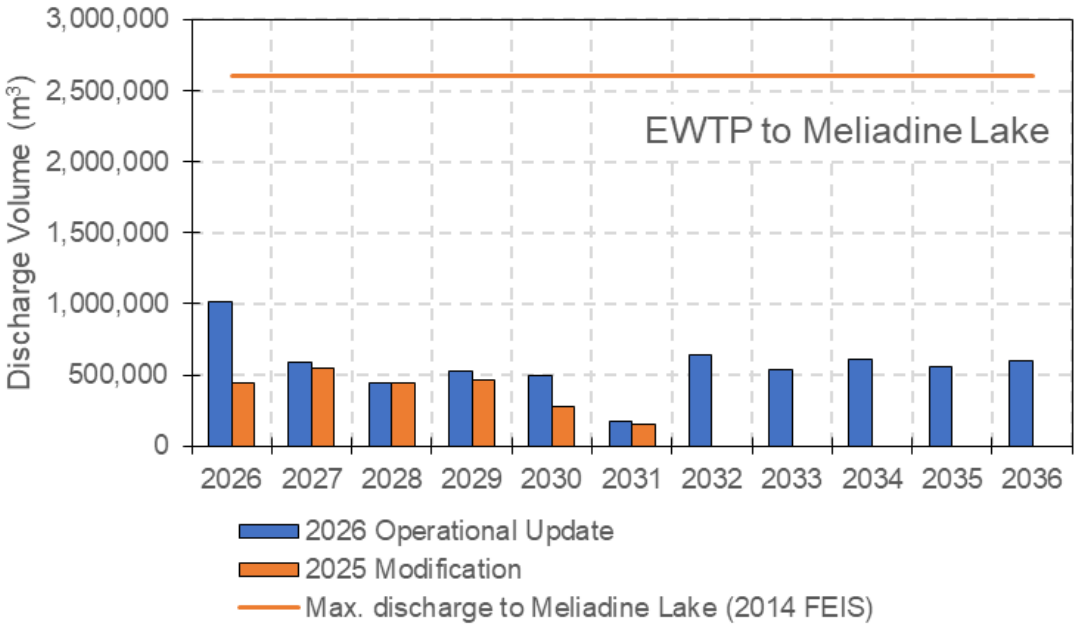


Figure 5-4: Annual EWTP discharges to Meliadine Lake. Maximum allowable annual discharge volume shown by orange line.

Table 5-2:
Annual Discharge Volumes and Sources

Discharge Metric	Phase	2025 Modification[1]	Current Prediction[2]	Percent Change
		m^3		
Saline Discharge to Itivia Harbour	Operations	5,301,984	4,953,236	-2%
EWTP (Contact Water) to Itivia Harbour	Operations	9,452,000	15,199,453	38%
Total Discharge to Itivia Harbour	Operations	12,024,097	20,152,689	40%
EWTP (Contact Water) to Meliadine Lake	Operations	3,736,372	6,181,028	41%
Total Discharge (Saline + Contact Water)	Operations	15,760,469	26,282,717	40%
Total Discharge (Saline + Contact Water)	Operations + Closure	19,972,715	26,196,098	24%

Note:
[1] Total discharge volumes calculated for the 2025-2031 period.
[2] Total discharge volumes calculated for the 2026-2036 period.

5.2 Surface Water Collection Ponds

This section summarizes the water balances for the key surface contact water collection ponds (WES03, PUMP01/CP9, FZONE02, CP1 and CP7) for the Operations phase.

5.2.1 WES03

The WES03 pit is mined in 2026 and 2027 and is dewatered to CP1 during this period. The WES03 pit will have an effective storage volume of 3.1 Mm^3 once mined out, and beginning in 2028, this pit will be utilized as a surface contact water storage reservoir. Discharges from the STP, CP3, CP4, and CP5 ponds (59% of total inflows) will be routed to this pit, which is pumped out to the SETP for treatment prior to discharge to Itivia Harbour via the Waterline. Note that the new CP8 sump that collects TSF contact water is routed to CP3 from 2026 onwards (Figure 2-2). In addition, minor groundwater inflows are predicted to enter the WES03 pit driven by draindown of the surrounding active layer during the years with active mining operations (Figure 5-5 and Table 5-3).

The predicted daily volume of surface contact water stored in WES03 pit shown in Figure 5-6, reaching a maximum of 2,830,000 m^3 in 2036 (Figure 5-6). In Active Closure, 2.95 Mm^3 of surface contact water is routed through WES03 to the Waterline for discharge to Itivia Harbour over the 2037-2039 period.

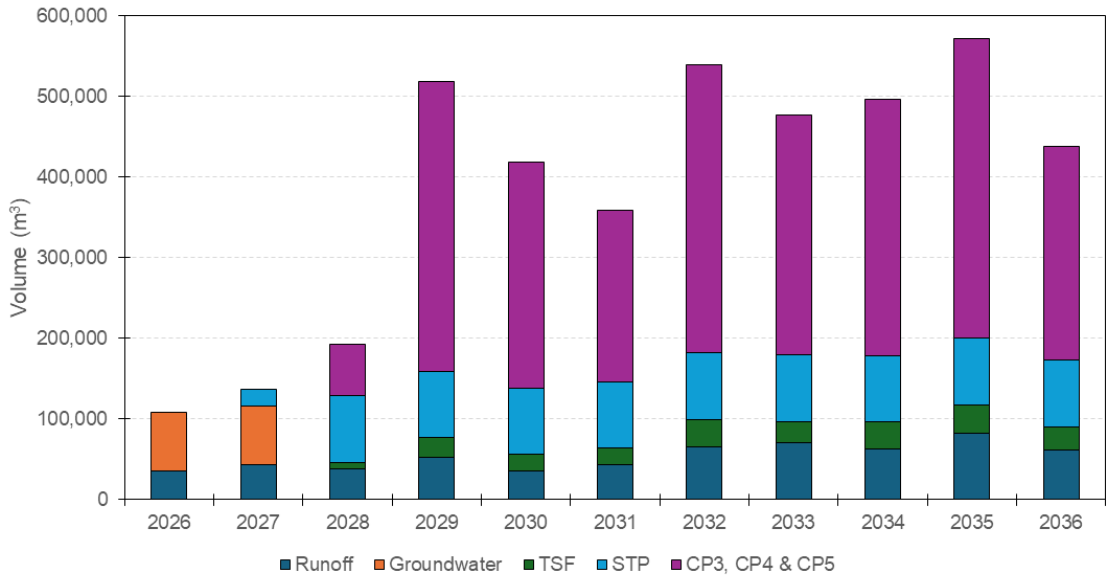


Figure 5-5: Annual Inflows to the WES03 Pit

Table 5-3:
Annual Operations Phase Water Balance for the WES03 Pit

Year	Inflows (m^3/year)					Outflows (m^3/year)		
	Runoff	Groundwater	TSF	STP	CP3, CP4 & CP5	Evaporation	To: CP1	To: SETP
2026	34,769	73,000	0	0	0	1,993	50,157	0
2027	43,115	73,000	0	20,815	0	2,883	57,661	1,129
2028	37,643	0	8,538	82,808	63,378	2,716	0	188,178
2029	52,151	0	24,127	82,581	359,821	8,141	0	84,600
2030	35,141	0	20,646	82,581	280,100	13,587	0	76,180
2031	43,066	0	20,621	82,581	212,396	19,060	0	62,767
2032	65,848	0	32,852	82,808	358,155	26,234	0	66,765
2033	70,627	0	26,196	82,581	297,349	32,186	0	59,129
2034	63,182	0	32,940	82,581	317,498	35,523	0	61,239
2035	82,235	0	35,091	82,581	371,394	43,574	0	65,182
2036	60,691	0	29,544	82,808	264,711	48,697	0	65,232
Average[1]	**53,497**	**13,273**	**20,959**	**69,520**	**229,527**	**21,327**	**9,802**	**66,400**
% Total Inflow[1]	**14%**	**3%**	**5%**	**18%**	**59%**			

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

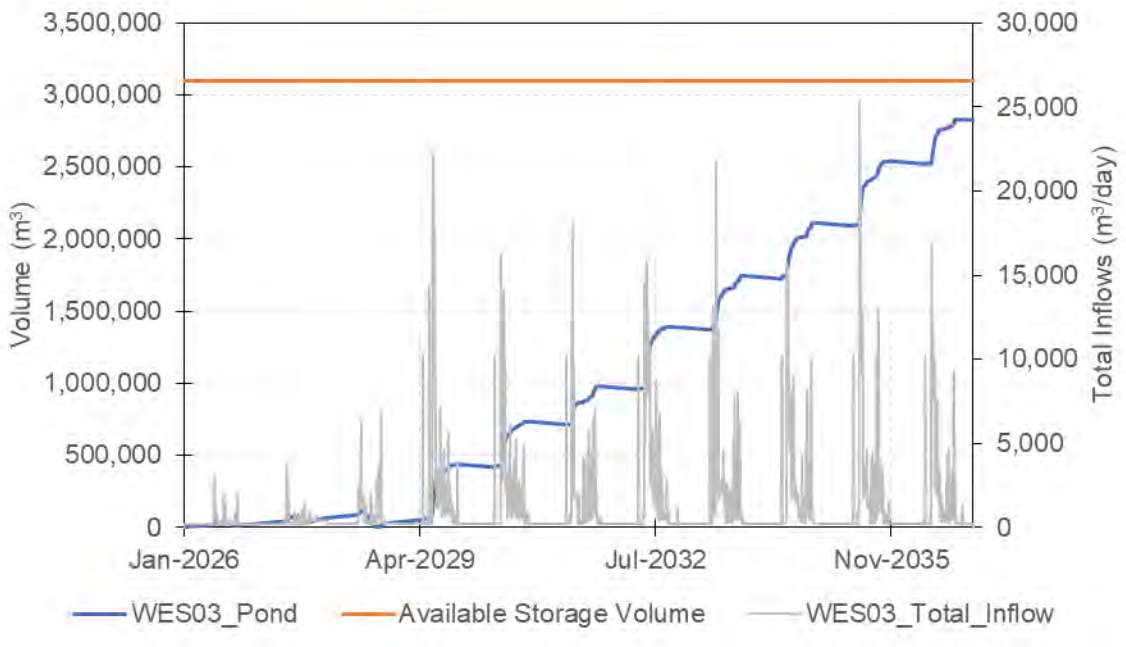


Figure 5-6: WES03 daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.2.2 PUMP01/CP9

Once mined out in Q3 2026, the PUMP01 pit is used as a local surface contact water pond (CP9), routing to CP1. The primary sources of inflow to this pond are passive runoff from the surrounding catchment and pitwalls (40%), followed by inputs from SUMPP5 (31%; Figure 5-7 and Table 5-4). On average, 284,400 m^3 is pumped from CP9 to CP1 over the 2027 to 2036 period (Table 5-4).

The predicted daily volume of surface contact water stored in PUMP01/CP9 reaches a maximum of 331,500 m^3 in 2027 (Figure 5-8).

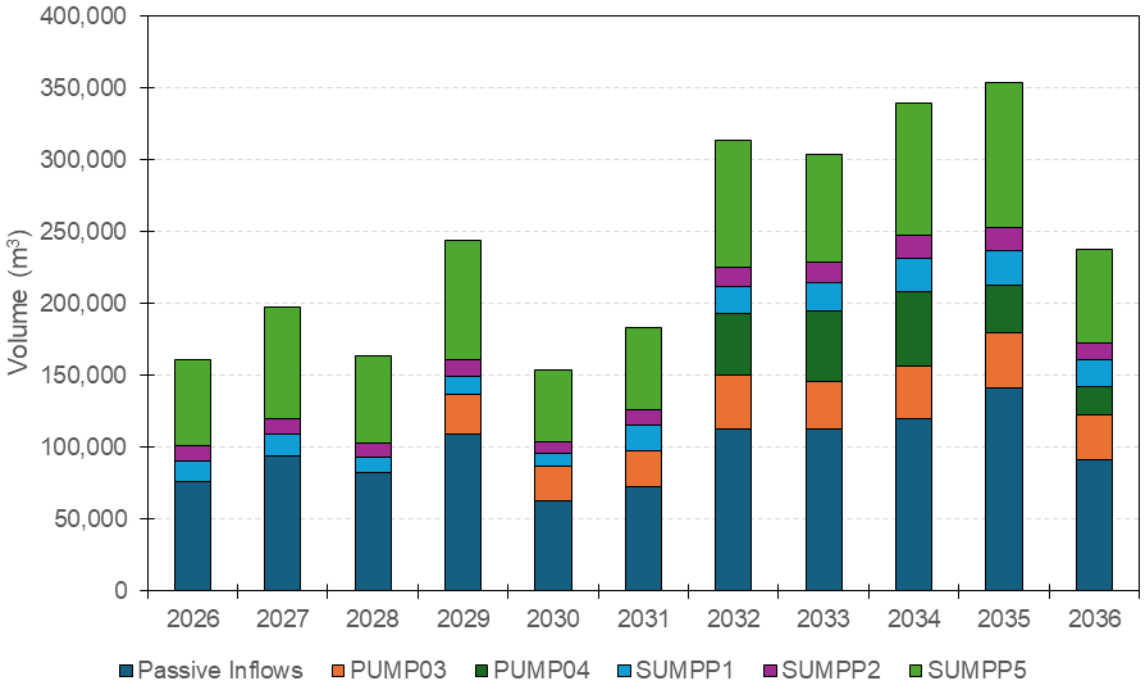


Figure 5-7: Annual Inflows to PUMP01/CP9

Table 5-4:
Annual Operations Phase Water Balance for PUMP01/CP9

Year	Inflows (m^3/year)						Outflows (m^3/year)	
	Passive Inflows	PUMP03	PUMP04	SUMPP1	SUMPP2	SUMPP5	Evaporation	To: CP1
2026	75,665	0	0	14,850	10,316	60,132	6,690	0
2027	93,803	0	0	15,076	11,111	77,576	9,714	345,967
2028	82,283	0	0	11,097	9,118	61,446	4,326	227,025
2029	109,556	27,623	0	12,413	11,029	83,547	4,525	289,934
2030	62,470	24,497	0	9,176	7,547	50,347	3,151	172,349
2031	72,537	25,214	0	17,460	11,249	56,397	3,195	162,074
2032	112,568	37,349	43,111	18,398	14,119	87,905	6,691	339,729
2033	112,610	32,882	49,427	19,867	13,854	74,862	6,995	316,377
2034	119,507	37,240	51,415	22,991	16,714	91,957	7,628	319,803
2035	141,052	39,023	32,922	23,747	16,484	100,718	8,490	345,636
2036	91,643	30,635	19,483	18,690	12,396	64,809	7,322	324,675
Average[1]	**97,609**	**23,133**	**17,851**	**16,706**	**12,176**	**73,609**	**6,248**	**258,506**
% Total Inflow[1]	**40%**	**10%**	**7%**	**7%**	**5%**	**31%**		

Notes:
[1] Average inflows and percent of total inflow calculated as aggregate of all years with water pumped to PUMP01/CP9.

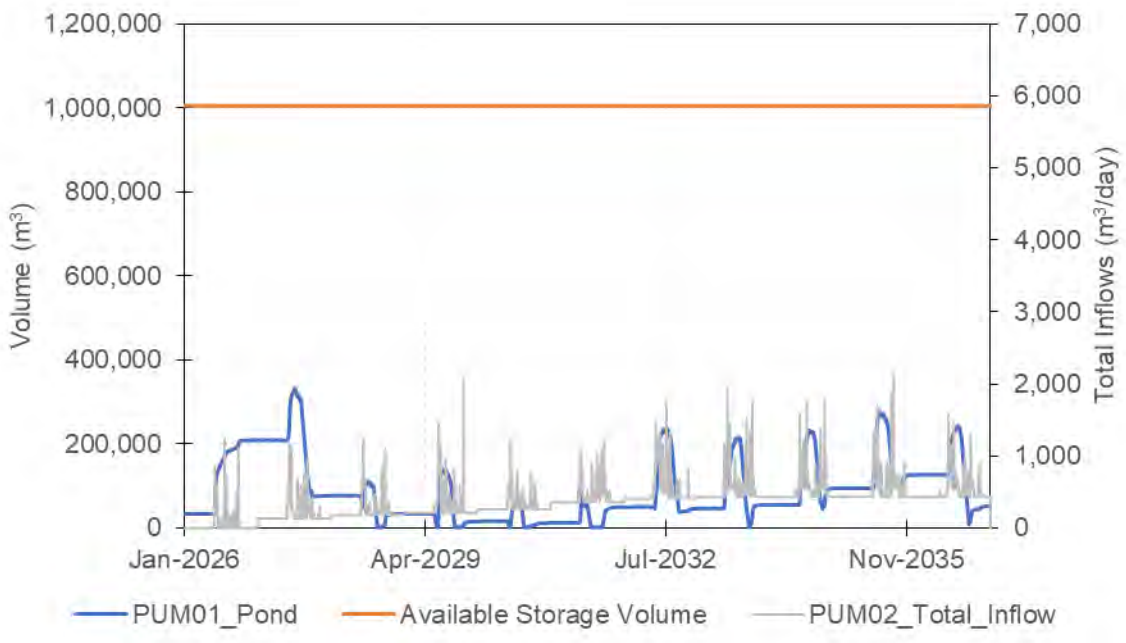


Figure 5-8: PUMP01/CP9 daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.2.3 FZONE02

Once mined out in Q3 2028, the FZONE02 pit is used as a local surface contact water pond, routing to CP1. The primary sources of inflow to this pond are passive runoff from the surrounding catchment and pitwalls (42%), followed by inputs from SUMPF2 (36%; Figure 5-9 and Table 5-5). On average, 144,900 m^3 is pumped annually from FZONE02 to CP1 over the 2028 to 2036 period (Table 5-5).

The predicted daily volume of surface contact water stored in FZONE02 reaches a maximum of 72,700 m^3 in 2035 (Figure 5-10).

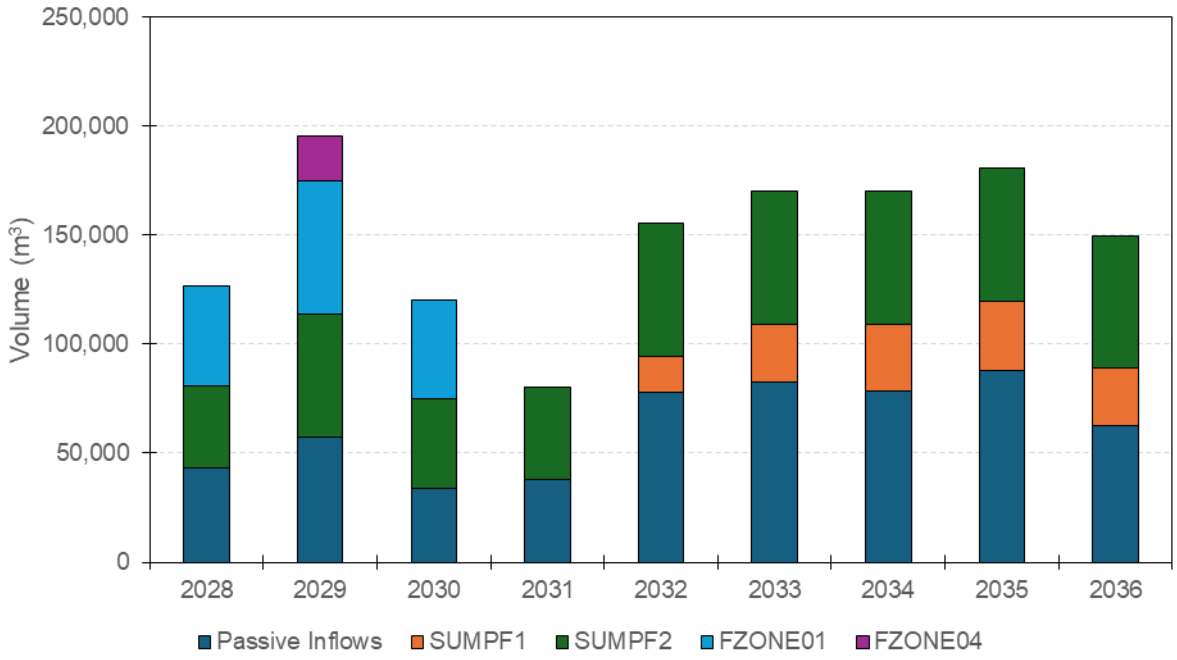


Figure 5-9: Annual Inflows to FZONE02 Pit

Table 5-5:
Annual Operations Phase Water Balance for the FZONE02 Pit

Year	Inflows (m^3/year)					Outflows (m^3/year)	
	Passive Inflows	**SUMPF1**	**SUMPF2**	**FZONE01**	**FZONE04**	**Evaporation**	**To: CP1**
2026	FZONE02 development begins in 2028						
2027							
2028	43,024	0	38,030	45,879	0	906	107,637
2029	57,450	0	56,113	61,582	20,226	1,855	206,088
2030	33,641	0	41,183	45,237	0	1,102	116,973
2031	38,038	0	42,466	0	0	756	70,869
2032	77,645	16,806	61,000	0	0	1,573	165,256
2033	82,703	26,321	61,000	0	0	1,440	138,982
2034	78,611	30,434	61,000	0	0	2,240	170,473
2035	88,119	31,509	61,000	0	0	2,008	188,755
2036	62,534	26,276	61,000	0	0	1,682	138,709
Average[1]	**62,418**	**14,594**	**53,644**	**16,967**	**2,247**	**1,507**	**144,860**
% Total Inflow[1]	**42%**	**10%**	**36%**	**11%**	**1%**		

Notes:
[1] Average inflows and percent of total inflow calculated as aggregate of all years with water pumped to FZONE02 Pit.

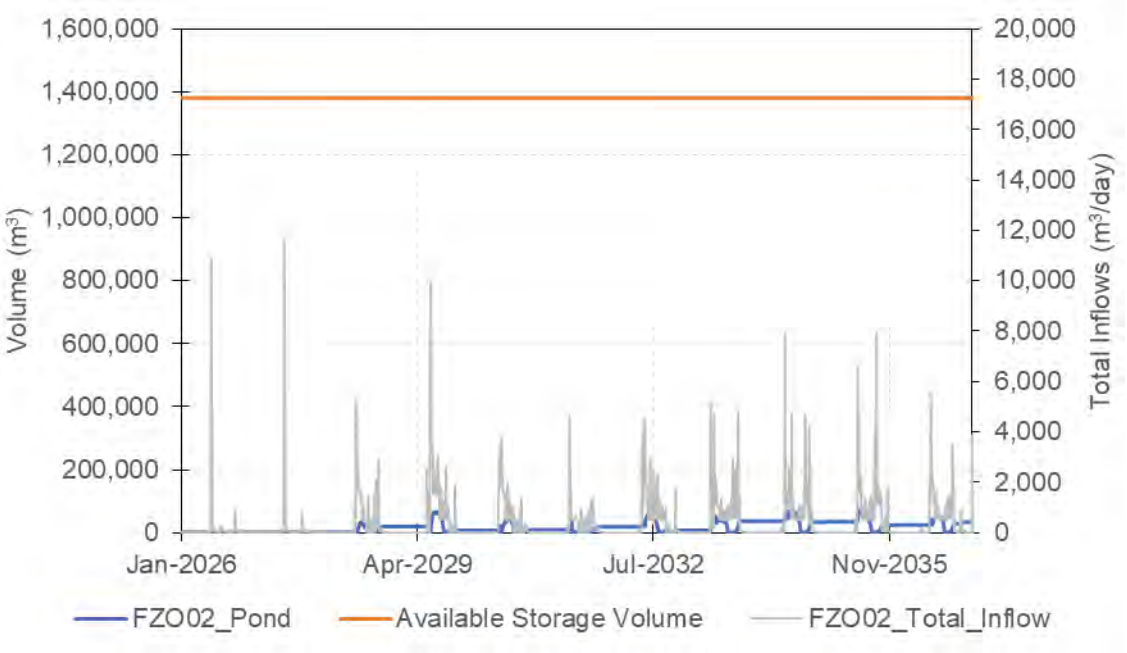


Figure 5-10: FZONE02 Pit daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.2.4 Collection Pond CP1

CP1 is currently the primary surface contact water collection pond, with all excess water routed to the EWTP prior to discharge to Itivia Harbour and Meliadine Lake. The maximum predicted storage volume (740,000 m^3; Figure 5-12) occurs in 2032. The corresponding predicted water level of 66.18 m remains lower than the Maximum Operating Water Level (MOWL) of 66.2 m (870,800 m^3; Figure 5-12).

The primary sources of inflow to this pond are passive runoff from the dewatered lake beds and local sumps (79%), followed by inputs from nearby catchments and precipitation on the pond surface (13%; Figure 5-11 and Table 5-6). On average, 518,500 m^3 is discharged from CP1 to Meliadine Lake via the EWTP, and 1,525,000 m^3 is discharged to Itivia Harbour via the SETP over the 2027 to 2036 period (Table 5-5).

During the Active Closure phase, the mine site is managed as a zero-discharge facility, with all CP1 inflows routed to TIRI02/04 open pit. Beginning in the post-Closure phase, volumes in the CP1 pond are allowed to fluctuate naturally, with outflows reporting via pre-mine drainage pathways to Meliadine Lake.

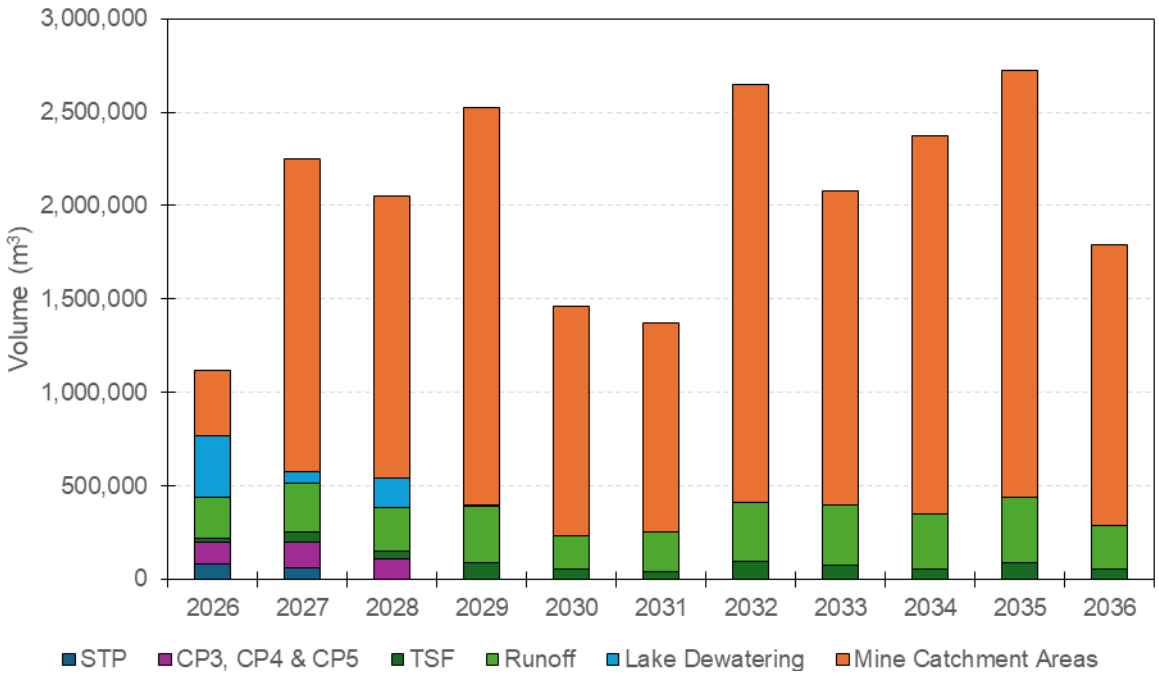


Figure 5-11: Annual Inflows to CP1

Table 5-6:
Annual Operations Phase Water Balance for CP1

Year	Inflows (m^3/year)						Outflows (m^3/year)		
	STP	Mine Catchment Areas	TSF	Runoff	Lake Dewatering	CP3, CP4 & CP5	Evaporation	To: EWTP	To: SETP
2026	82,581	348,610	26,031	214,751	330,541	112,577	92,486	1,015,936	0
2027	61,766	1,675,071	51,678	262,740	59,903	136,425	96,757	592,484	1,660,765
2028	0	1,509,123	46,066	228,095	161,705	106,126	84,096	447,967	1,479,000
2029	0	2,132,040	88,104	302,375	4,590	0	84,848	526,273	1,961,689
2030	0	1,230,078	51,682	181,737	0	0	80,673	494,761	867,000
2031	0	1,119,991	41,183	211,051	0	0	87,294	172,299	1,071,000
2032	0	2,233,440	95,236	317,374	0	0	81,662	638,350	1,989,000
2033	0	1,684,986	74,678	319,665	0	0	92,189	542,875	1,377,000
2034	0	2,024,932	55,983	293,579	0	0	95,575	607,404	1,683,000
2035	0	2,285,100	88,536	349,400	0	0	93,751	558,453	2,091,000
2036	0	1,498,205	52,997	235,979	0	0	87,871	604,492	1,071,000
Average[1]	**13,123**	**1,612,870**	**61,107**	**265,159**	**50,613**	**32,284**	**88,837**	**563,754**	**1,386,405**
% Total Inflow[1]	**1%**	**79%**	**3%**	**13%**	**2%**	**2%**			

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

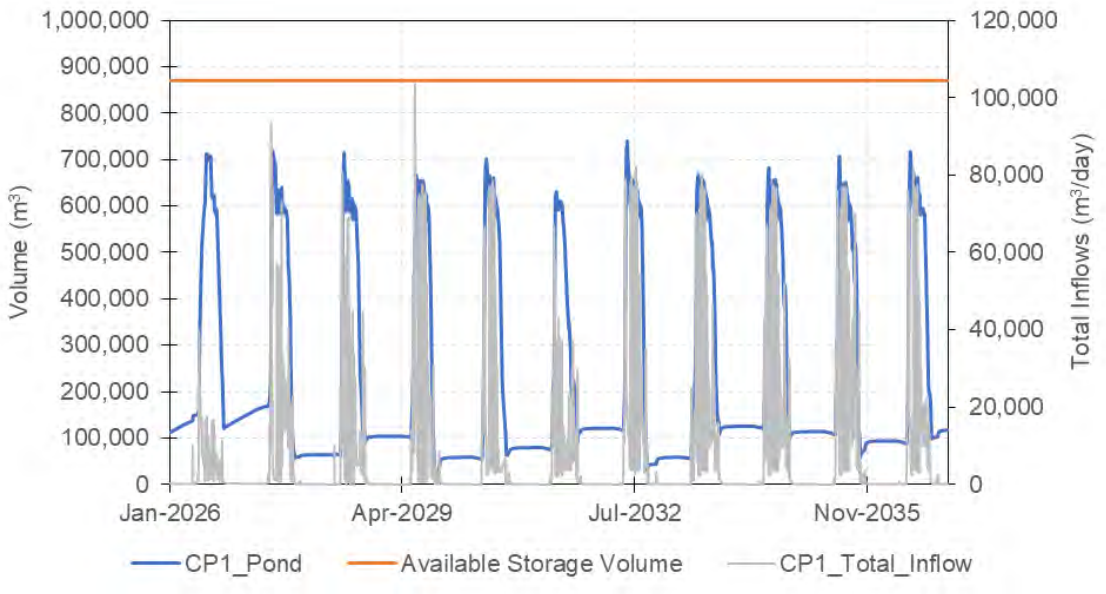


Figure 5-12: CP1 daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.2.5 Collection Pond CP7

Lake B7 is dewatered in 2027 to serve as a backup surface contact water storage reservoir (CP7). The primary function of this reservoir is to serve as backup storage for CP1 during periods of high surface contact water production. Water collected in CP7 is routed to CP1 when the operating volume of CP1 allows it. The majority of the inputs to CP7 (96%) are comprised of passive runoff from the surrounding non-contact areas (Figure 5-13 and Table 5-7).

A total of 1.86 Mm^3 is pumped from CP7 to CP1 over the 2027 to 2036 period, and the maximum predicted volume stored in CP7 over the Operations phase is 286,000 m^3 in 2032 (Figure 5-14).

Beginning in the post-Closure phase, volumes in the CP7 pond are allowed to fluctuate naturally, with outflows reporting via pre-mine drainage pathways to Lake B6.

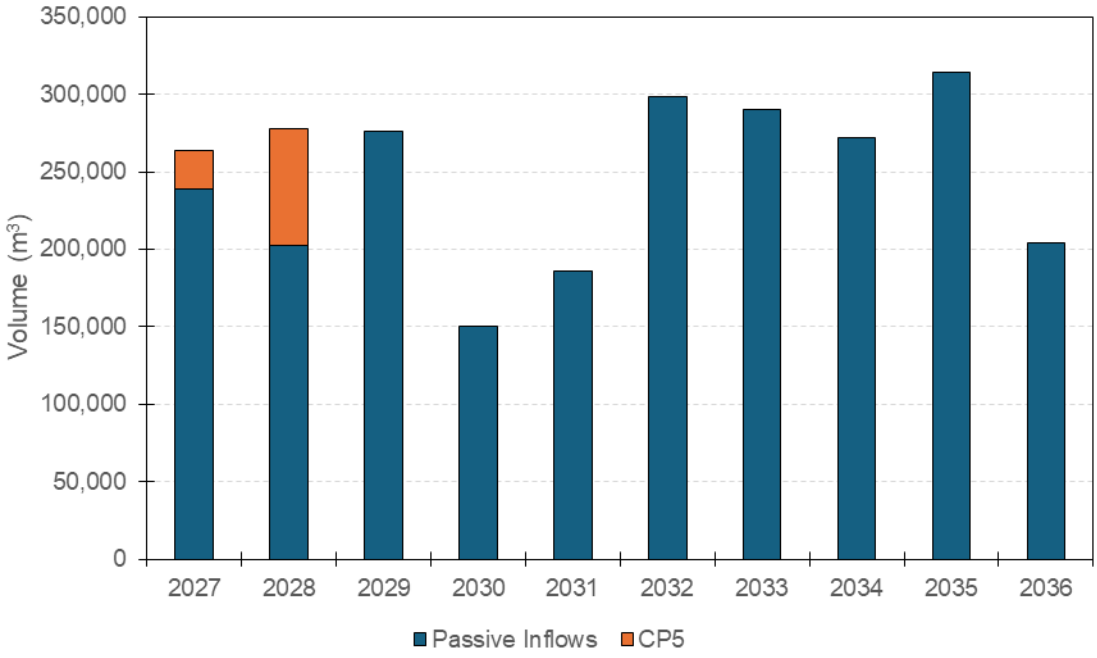


Figure 5-13: Annual Inflows to CP7

Table 5-7:
Annual Operations Phase Water Balance for CP7

Year	Inflows (m^3/year)		Outflows (m^3/year)			
	Passive Inflows	**CP5**	**Evaporation**	**To: EWTP**	**To: Meliadine Lake**	**To: CP1**
2026	Not commissioned as CP7 until 2027					
2027	238,914	25,111	103,143	59,903	466,251	39,996
2028	202,140	75,275	44,874	0	0	202,765
2029	276,196	0	51,150	0	0	243,488
2030	150,071	0	32,528	0	0	131,620
2031	185,644	0	26,600	0	0	107,745
2032	298,389	0	57,065	0	0	282,629
2033	290,559	0	48,900	0	0	185,321
2034	272,200	0	56,986	0	0	236,097
2035	314,357	0	55,132	0	0	285,335
2036	204,119	0	40,057	0	0	143,584
Average[1]	**243,259**	**10,039**	**51,643**	**5,990**	**46,625**	**185,858**
% Total Inflow[1]	**96%**	**4%**				

Notes:
[1] Average inflows and percent of total inflow calculated as aggregate of all years with water pumped to CP7.

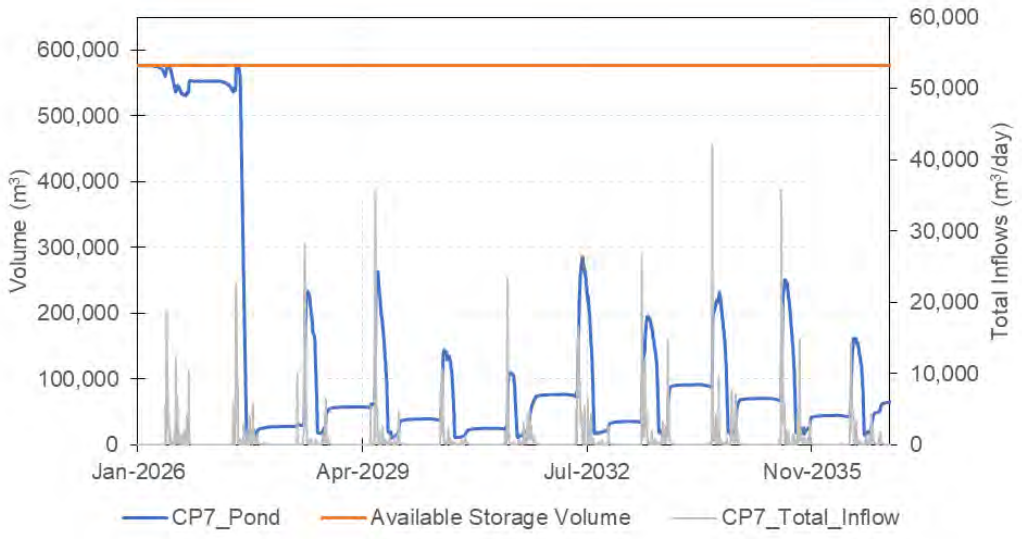


Figure 5-14: CP7 daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.3 Saline Water Collection Ponds

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

5.3.1 TIRI02

The saline contact water management system collects dewatering flows from the underground operation, PUMP underground WRSF, and ore pads. Early in the Operations phase (up to end-2026), the Waterline is not in place, and WES02, the primary saline contact water storage pond, is not available until 2028. The TIRI02 pit currently serves as the primary saline contact water storage pond until it is fully dewatered in 2029, with a maximum predicted pond volume of 1.56 Mm^3 in June 2028, below the available storage volume of 2.8 Mm^3 (Figure 5-16). The primary source of inflow to TIRI02 while it serves as a saline storage reservoir is dewatering of the underground mine workings (65%; Table 5-8 and Figure 5-15). The dewatering of TIRI02 proceeds over a 3-year period from 2027-2029, with a total of 2.4 Mm^3 pumped to storage in WES02 or discharged via the Waterline to Itivia Harbour. The dewatering of TIRI02 is extended in the updated water management plan to free up more capacity in the Waterline, allowing a larger proportion of treated surface contact water to be discharged to Itivia Harbour, thus reducing the overall discharge volumes to Meliadine Lake.

Mining of TIRI02 pit then resumes in 2029-2030, with all pit inflows routed to CP5, which in turn is routed to WES03.

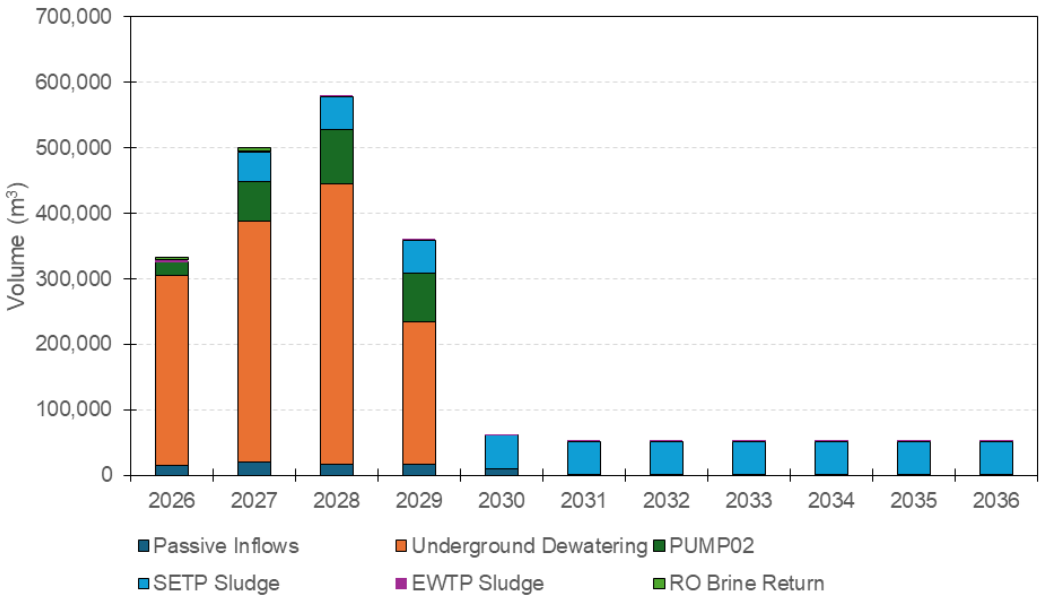


Figure 5-15: Annual Inflows to TIRI02 Pit

Table 5-8:
Annual Operations Phase Water Balance for TIRI02 Pit

Year	Inflows (m^3/year)						Outflows (m^3/year)			
	Passive Inflows	Underground Dewatering	PUMP02	SETP Sludge	EWTP Sludge	RO Brine Return	Evaporation	To: CP1	To: SETP	To: RO Plant
2026	15,611	289,080	21,047	0	3,320	4,244	11,809	0	0	28,290
2027	20,800	367,920	59,547	45,500	1,936	4,244	16,373	0	204,735	28,290
2028	16,177	429,684	82,033	51,000	1,464	0	12,681	0	1,688,376	0
2029	16,702	216,800	74,775	0	0	0	2,831	44,295	508,093	0
2030	10,447	0	0	0	0	0	417	63,800	0	0
2031	368	0	0	0	0	0	466	0	0	0
2032	494	0	0	0	0	0	417	0	0	0
2033	530	0	0	0	0	0	472	0	0	0
2034	444	0	0	0	0	0	475	0	0	0
2035	554	0	0	0	0	0	469	0	0	0
2036	401	0	0	0	0	0	444	0	0	0
Average[1]	**7,503**	**118,499**	**21,582**	**32,167**	**2,240**	**772**	**4,259**	**9,827**	**218,291**	**5,144**
% Total Inflow[1]	**4%**	**65%**	**12%**	**18%**	**1%**	**0%**				

Notes:
[1] Average inflows and percent of total inflow calculated as aggregate of all years with water pumped to TIRI02 Pit.

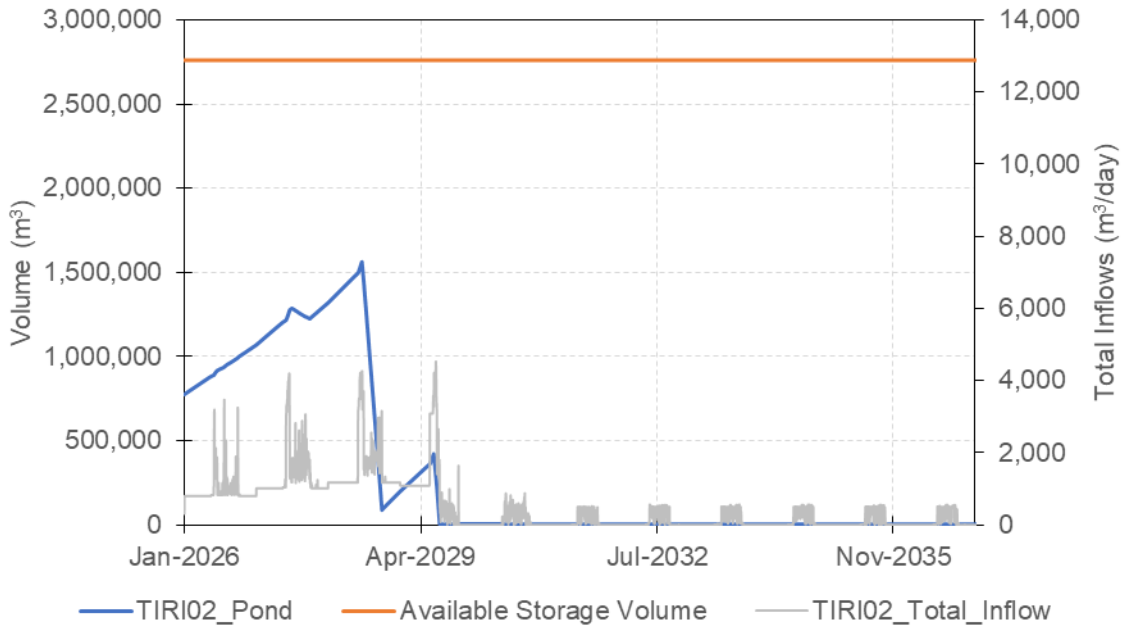


Figure 5-16: TIRI02 Pit daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.3.2 PUMP02

Once mined out in 2026, the PUMP02 pit will have an effective storage volume of 962,000 m^3 and will also be utilized as a saline water reservoir, collecting runoff from the PUMP underground WRSF and excess saline water from the PUMP underground mine. The primary source of inflow to PUMP02 is dewatering of the PUMP UG mine workings (81%), followed by passive inflows from the surrounding catchment and pit walls (Figure 5-17 and Table 5-9).

The maximum predicted volume of saline water stored in PUMP02 is 115,000 m^3 in 2034 (Figure 5-18). All saline water collected in PUMP02 is routed to TIRI02 until the end of 2036. Once TIRI02 has been dewatered and mining of this pit has resumed, saline water stored in PUMP02 is routed to WES02 for the remainder of the Operations phase (Figure 2-2).

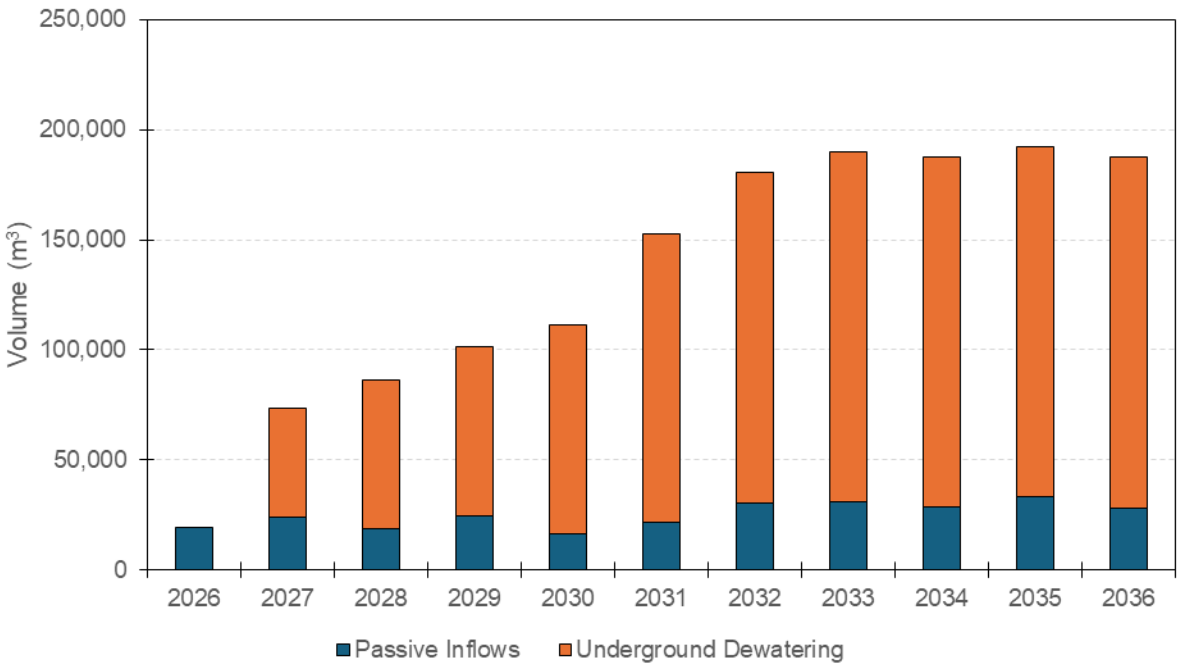


Figure 5-17: Annual Inflows to PUMP02 Pit

Table 5-9:
Annual Operations Phase Water Balance for PUMP02 Pit

Year	Inflows (m^3/year)		Outflows (m^3/year)		
	Passive Inflows	Underground Dewatering	Evaporation	To: TIRI02	To: WES02
2026	19,304	0	666	21,047	0
2027	24,112	49,275	873	59,547	0
2028	18,767	67,710	968	82,033	0
2029	24,611	76,650	945	74,775	21,332
2030	16,539	94,900	1,135	0	107,342
2031	21,374	131,400	1,627	0	142,218
2032	30,534	150,060	1,832	0	174,591
2033	31,105	158,775	2,320	0	183,026
2034	28,771	158,775	2,343	0	187,505
2035	33,253	158,775	2,299	0	188,746
2036	28,111	159,210	2,157	0	227,709
Average[1]	**25,135**	**109,594**	**1,560**	**21,582**	**112,043**
% Total Inflow[1]	**19%**	**81%**			

Notes:
[1] Average inflows and percent of total inflow calculated as aggregate of all years with water pumped to PUMP02 Pit.

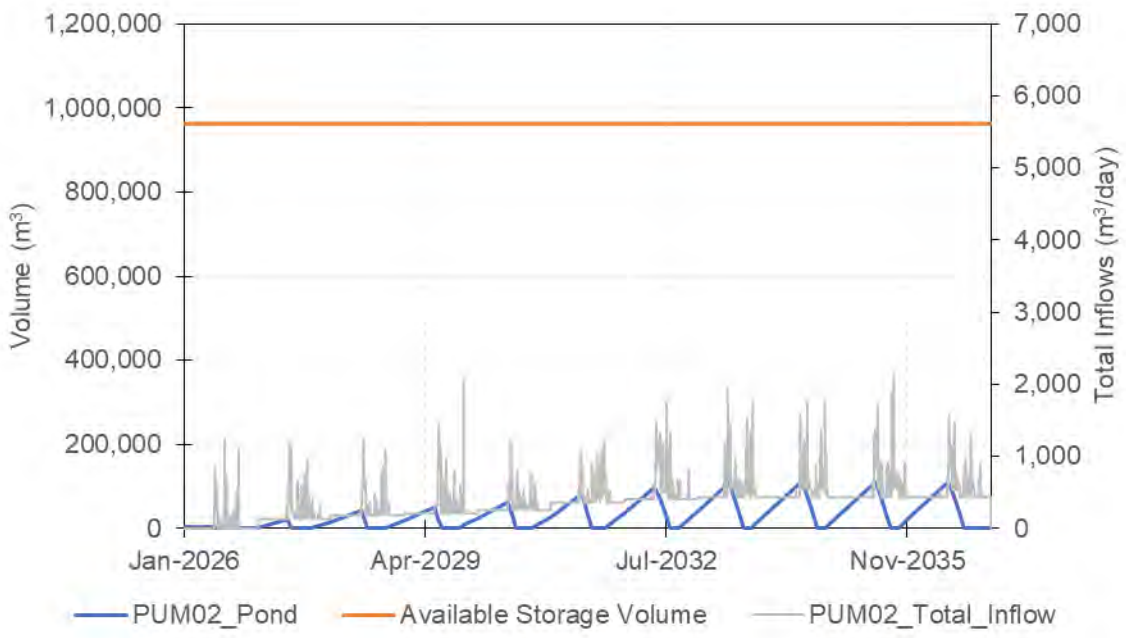


Figure 5-18: PUMP02 Pit daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.3.3 WES02

The WES02 pit is mined out by end-2027, with 187,000 m^3 of pit inflows pumped to CP1 for treatment and discharge (Table 5-10). Once WES02 is mined out, it serves as a saline water storage reservoir, with 87% of inflows pumped from the other saline storage ponds (Figure 5-19 and Table 5-10). Over the remainder of the Operations phase (2028 to 2036), approximately 5.2 Mm^3 of saline water is transferred from WES02 to the SETP for treatment and discharge via the Waterline. The maximum predicted volume of water stored in WES02 is 3.3 Mm^3 at the end of the Operations phase in 2036 (Figure 5-20).

The remainder of the saline water stored in the WES02 pit at the end of Operations (2.91 Mm^3) is pumped to the underground mine voids in 2037 for permanent storage.

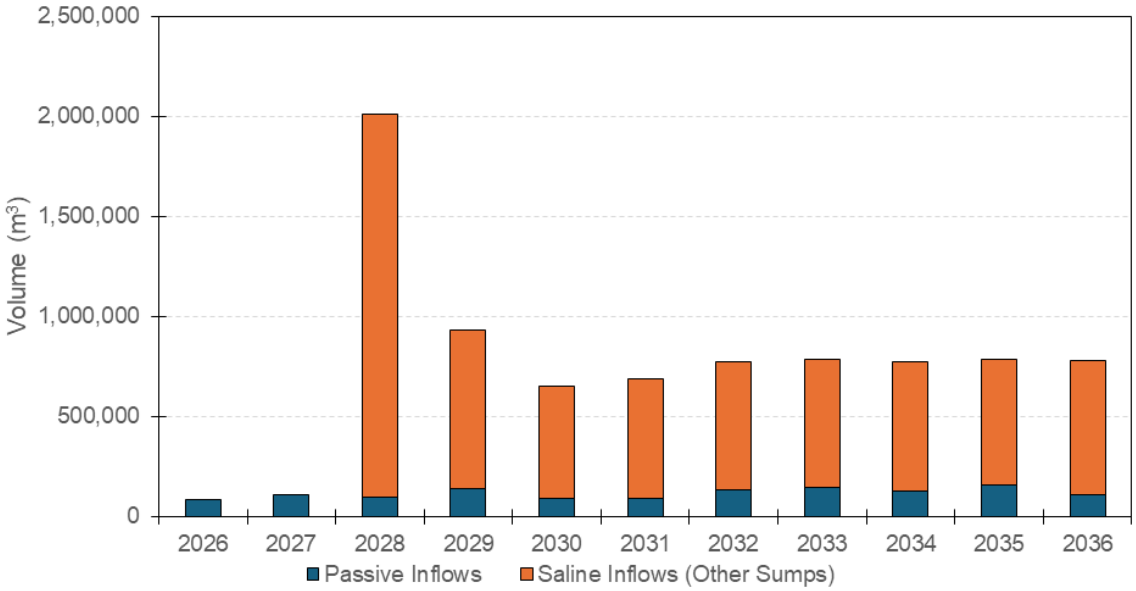


Figure 5-19: Annual Inflows to WES02 Pit

Table 5-10:
Annual Operations Phase Water Balance for WES02 Pit

Year	Inflows (m^3/year)		Outflows (m^3/year)		
	Passive Inflows	Saline Inflows (Other Sumps)	Evaporation	To: CP1	To: SETP
2026	87,811	0	1,017	77,188	0
2027	108,492	0	1,984	109,855	0
2028	99,112	1,912,706	10,962	0	612,000
2029	138,625	791,545	28,660	0	102,000
2030	91,618	559,539	30,839	0	1,224,000
2031	92,333	593,131	26,714	0	1,020,000
2032	134,133	641,393	23,589	0	102,000
2033	143,646	642,551	35,525	0	714,000
2034	128,148	646,358	37,032	0	408,000
2035	156,713	629,900	38,485	0	0
2036	108,766	669,491	38,182	0	1,020,000
Average[1]	**117,218**	**787,402**	**24,817**	**93,522**	**578,000**
% Total Inflow[1]	**13%**	**87%**			

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

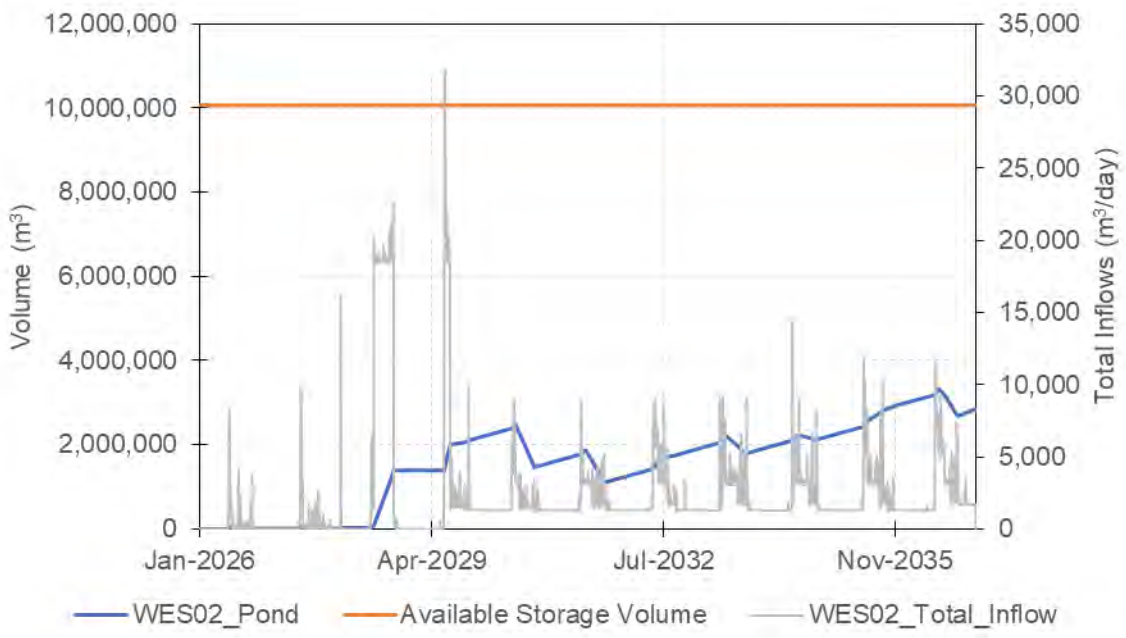


Figure 5-20: WES02 Pit daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.4 Open Pit Dewatering During Mining

The annual total pit dewatering volumes during the mining phases of each pit are presented in Table 5-11, along with the dewatering period averages. For the pits that are used as storage reservoirs once mined out (*i.e.*, PUMP01, PUMP02, WES02 and WES03), the volumes shown are representative of only the active mining dewatering period. The annual water balances and daily time-series flows for these four pits are presented in separate sections above. For those pits mined over multiple years, the WN01 pit has the highest average dewatering rate, followed by TIRI02 and Discovery Pit. One and two-year average rates are higher for WES02, FZONE01 and FZONE02 pits.

Table 5-11:
Annual dewatering volumes for open pits

Year	Annual Operational Pit Dewatering Volumes (m^3)																
	TIRI01	**TIRI02[2]**	**TIRI03**	**TIRI04**	**WN01**	**WES01**	**WES02[1]**	**WES03[1]**	**WES04**	**PUMP01[1]**	**PUMP02[1]**	**PUMP03**	**PUMP04**	**FZONE01**	**FZONE02[1]**	**FZONE03**	**Discovery**
2026	82,923	0	29,000	0	0	0	0	0	0	Mined out, used as collection pond CP9	22,501	0	0	1,277	0	0	0
2027	61,475	0	24,000	0	0	0	80,000	51,000	0		0	0	0	336	0	0	0
2028	53,007	0	19,000	0	0	0	110,000	57,000	0		0	0	0	48,402	113,655	0	0
2029	64,027	51,248	27,000	31,000	0	27,846	0	0	0		0	31,000	0	62,724	0	22,218	100,118
2030	49,311	79,296	30,000	46,000	310,500	23,510	0	0	0		0	38,000	0	46,755	0	18,091	88,325
2031	57,479	0	30,000	53,000	310,500	26,400	0	0	0		0	35,000	0	0	0	19,781	82,320
2032	76,072	0	0	0	312,000	36,080	0	0	0		0	46,000	50,000	0	0	28,392	0
2033	72,206	0	0	0	310,500	35,119	0	0	8,205		0	49,000	56,000	0	0	25,967	0
2034	75,310	0	0	0	310,500	35,075	0	0	8,382		0	42,000	57,000	0	0	27,243	0
2035	85,518	0	0	0	310,500	36,527	0	0	9,331		0	44,000	50,000	0	0	44,548	0
2036	64,754	0	0	0	312,000	30,526	0	0	7,934		0	43,000	36,000	0	0	38,285	0
Total	**742,082**	**130,544**	**159,000**	**130,000**	**2,176,500**	**251,083**	**190,000**	**108,000**	**33,852**	**N/A**	**22,501**	**328,000**	**249,000**	**159,494**	**113,655**	**224,524**	**270,763**
Average[3]	**67,462**	**43,515**	**26,500**	**43,333**	**310,929**	**31,385**	**40,000**	**25,500**	**8,293**	**N/A**	**22,501**	**41,000**	**49,800**	**31,899**	**0**	**28,066**	**90,254**

Notes:
[1] TIRI02 pit water (not saline) is discharged to CP5 once mining resumes in 2029.
[2] Averages are calculated for the active dewatering periods only.

5.5 Active Closure Water Management

During the Active Closure phase, the site is maintained with zero discharge to Meliadine Lake, and 3 years of predicted discharge to Itivia Harbour via the Waterline to drain the accumulated water in WES03 (2.95 Mm^3). The remaining volume of saline water (2.9 Mm^3) in WES02 will be pumped into the underground mine voids for permanent storage. Surface contact water reporting to the CP3, CP4, and CP5, CP6, and CP8 sumps, and any TSF runoff reporting to Channel 1 are pumped to CP1. All remaining surface contact water from the PUMP and FZONE areas is pumped to CP1, which is routed to TIRI02/04 to speed the flooding process from 2037 to 2042. There is no discharge of treated surface contact water to Meliadine Lake over the Active Closure phase.

Given that there are no changes in pit volumes relative to those presented in Lorax (2024), the overall pit flooding strategy and timeline remains the same. Consistent with Lorax (2024), and Condition 2, Part E of Water License 2AM-MEL1631, pumping of Meliadine Lake water remains within the maximum prescribed limit of 8,676,481 m^3/year over the seven-year Active Closure period (Table 5-12).

Table 5-12:
Annual Pit Reflooding Volumes from Meliadine Lake

Year	Pumped Volume (m^3)
2037	6,791,000
2038	7,447,000
2039	7,518,000
2040	8,118,000
2041	8,118,000
2042	8,118,000
2043	7,634,994

The withdrawal of water from Meliadine Lake to flood the pits, along with no treated effluent discharge to Meliadine Lake during the Active Closure phase is predicted to result in minimal changes to the lake volume or minimum water levels. The minimum annual lake volume drops by 0.4% on average between the Operations phase and Active Closure, and minimum annual water levels are predicted to drop by an average of 2 cm (Figure 5-21).

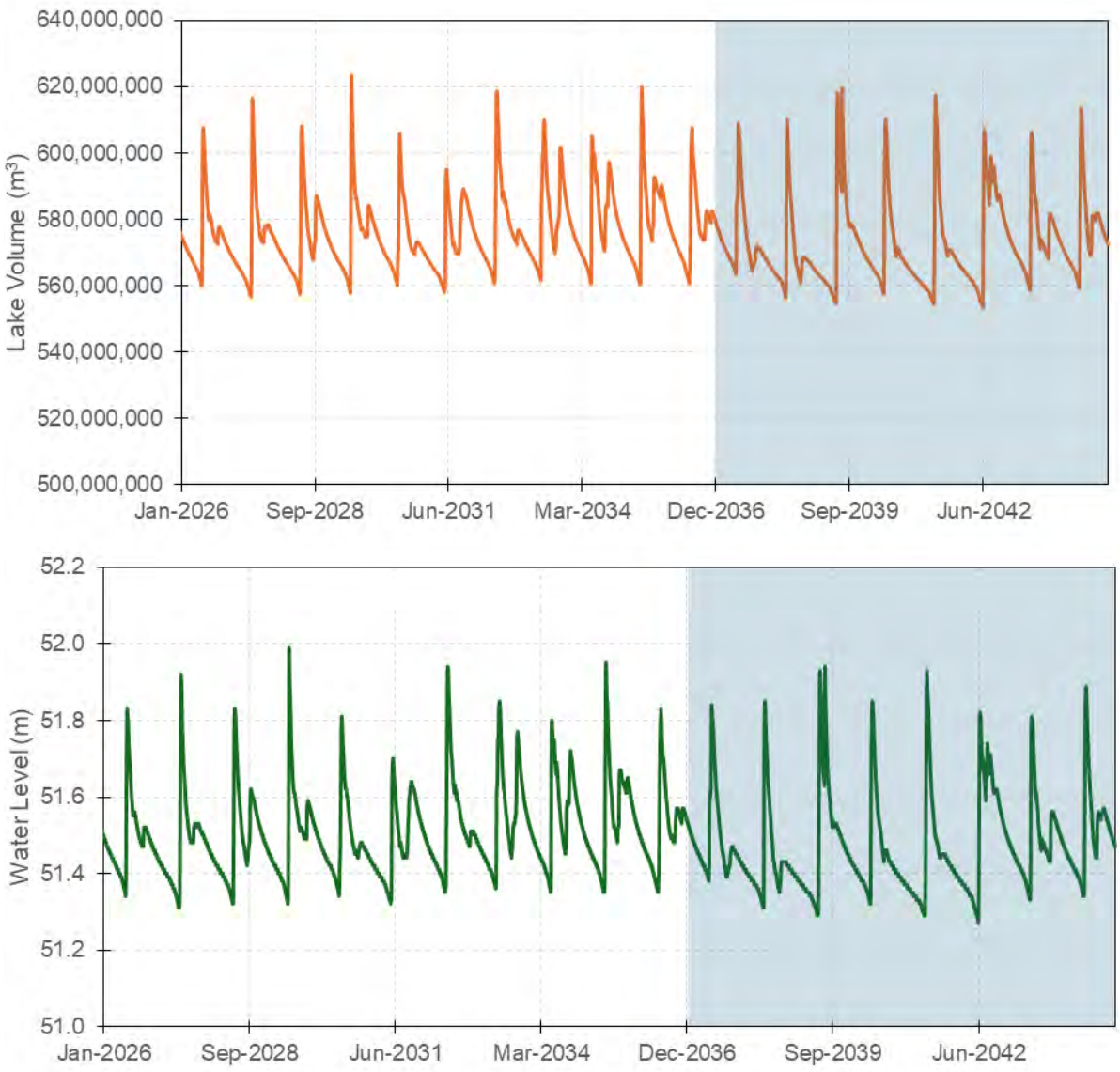


Figure 5-21: Modeled daily volume (top) and water level (bottom) of Meliadine Lake. The Active Closure phase is highlighted.

6. Water Quality Model Results

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6. Water Quality Model Results

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

6.1 Operations

During Operations, TSS in mine effluent will be controlled by the SETP and EWTP for saline and freshwater discharges, respectively. For the purposes of water quality predictions, it is assumed that treated effluent is at the MDMER maximum monthly mean concentration of 15 mg/L TSS. The differences in total and dissolved concentrations generated by this assumption were calculated in Lorax (2022) and are shown in Table 6-1. These values are added to dissolved concentrations predicted for Meliadine Lake and Itivia Harbour discharges. Dissolved and total predictions at EWTP and Waterline are provided in Appendix D.1. Water quality predictions for other model nodes present during Operations are provided in Appendix D.2.

Summary statistics are presented for EWTP and Waterline discharges with comparison to EOP guidelines. Consistent with 2025 Modification application Lorax (2025), model predictions for the EWTP remain below MDMER/Water License limits (Table 6-2), while model predictions of untreated water for the Waterline remain below MDMER with the exception of ammonia-N (Table 6-3). Options for treatment are being investigated.

6.2 Active Closure

The Waterline remains available for the first three years of Active Closure (2037 to 2039), with discharges of remaining contact and saline water stored in pits to Itivia Harbour planned in the months of June to September. This approach is proposed as a conservative contingency assumption to ensure closure water quality objectives are met. These assumptions will continue to be refined with site monitoring data and all details will be provided in the Final Closure Reclamation Plan. During Active Closure, the predicted concentrations of POPCs at the Waterline remain below EOP guidelines with the exception of ammonia-N (Table 6-4). It is noted that these results are distinct from the 2025 Modification, which show concentrations for all POPCs below EOP guidelines, due to the previous submission assuming that no saline underground water would be discharged in

Active Closure. Similar to the Operations phase Waterline predictions, the ammonia-N concentrations modelled are reflective of no treatment; however, Agnico Eagle is actively working on a treatment solution for these discharges. No discharge occurs via the EWTP to Meliadine Lake during the Active Closure phase.

Table 6-1:
Suspended Solids Composition and Contribution to Total Concentrations at End-of-Pipe

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

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

Table 6-2:
Model Predictions at End-of-Pipe to Meliadine Lake (EWTP) During Operations

Constituents	Unit	Summary Statistics for EWTP during Operations (2026-2036)					NWB Water Licence/MDMER
		Min*	P10*	Mean*	P90*	Max	
Major Ions							
TDS	mg/L	51	221	650	1,383	2,113	3,500
Cl	mg/L	21	90	261	570	882	-
F	mg/L	0.0063	0.017	0.063	0.13	0.18	-
SO_4	mg/L	8.1	30	97	232	254	-
Nutrients and Cyanide							
NH_3-N	mg/L	0.069	0.24	0.66	1.0	3.3	14
NO_3-N	mg/L	0.26	0.82	2.6	4.1	12	-
NO_2-N	mg/L	0.0052	0.011	0.039	0.068	0.13	-
P	mg/L	0.0028	0.0076	0.057	0.11	0.47	2
CN	mg/L	0.000059	0.00020	0.00061	0.00082	0.0032	0.5
Total Element							
Ag	mg/L	0.0000012	0.0000021	0.0000049	0.0000092	0.000019	-
Al	mg/L	0.94	0.94	0.95	0.95	0.95	2
As	mg/L	0.0016	0.0032	0.0073	0.011	0.024	0.3
Ba	mg/L	0.0052	0.0089	0.020	0.039	0.069	-
Be	mg/L	0.0000094	0.000012	0.000034	0.000082	0.00018	-
Ca	mg/L	3.1	8.4	26	56	70	-
Cd	mg/L	0.0000053	0.0000095	0.000025	0.000047	0.000062	-
Co	mg/L	0.00059	0.00088	0.0019	0.0033	0.0059	-
Cr	mg/L	0.0021	0.0021	0.0023	0.0025	0.0027	-
Cu	mg/L	0.0011	0.0014	0.0021	0.0033	0.0039	0.2
Fe	mg/L	1.1	1.1	1.1	1.1	1.2	-
Hg	mg/L	0.0000020	0.0000037	0.0000095	0.000018	0.000022	-
K	mg/L	0.68	1.5	4.6	7.4	18	-
Mg	mg/L	1.3	4.0	12	26	34	-
Mn	mg/L	0.025	0.035	0.091	0.15	0.30	-
Mo	mg/L	0.00013	0.00050	0.0015	0.0034	0.0054	-
Na	mg/L	13	54	160	349	520	-
Ni	mg/L	0.0017	0.0035	0.0087	0.018	0.027	0.5
Pb	mg/L	0.00011	0.00012	0.00018	0.00027	0.00039	0.1
Sb	mg/L	0.000042	0.00014	0.00042	0.00089	0.0013	-
Se	mg/L	0.000028	0.000082	0.00022	0.00044	0.00082	-
Sr	mg/L	0.056	0.10	0.39	0.64	1.3	-
Tl	mg/L	0.0000055	0.0000073	0.000019	0.000028	0.000068	-
U	mg/L	0.00011	0.00028	0.00094	0.0017	0.0037	-
V	mg/L	0.0020	0.0022	0.0028	0.0041	0.0062	-
Zn	mg/L	0.0014	0.0016	0.0024	0.0033	0.0043	0.4
Ra-226	Bq/L	0.000044	0.000064	0.00026	0.00038	0.0012	0.37
Dissolved Element							
Ag	mg/L	0.00000038	0.0000012	0.0000040	0.0000083	0.000018	-
Al	mg/L	0.00034	0.0013	0.0042	0.0080	0.012	-
As	mg/L	0.00057	0.0022	0.0064	0.010	0.023	-
Ba	mg/L	0.0013	0.0050	0.016	0.035	0.065	-
Be	mg/L	0.00000095	0.0000035	0.000025	0.000073	0.00017	-
Ca	mg/L	2.4	7.7	25	55	69	-
Cd	mg/L	0.0000023	0.0000065	0.000022	0.000044	0.000059	-
Co	mg/L	0.00014	0.00043	0.0015	0.0029	0.0055	-
Cr	mg/L	0.000015	0.000055	0.00019	0.00039	0.00063	-
Cu	mg/L	0.000094	0.00032	0.0010	0.0022	0.0029	-
Fe	mg/L	0.0014	0.0051	0.019	0.034	0.049	-
Hg	mg/L	0.00000060	0.0000023	0.0000082	0.000017	0.000020	-
K	mg/L	0.54	1.4	4.4	7.3	18	-
Mg	mg/L	0.92	3.7	11	26	34	-
Mn	mg/L	0.012	0.022	0.078	0.14	0.28	-
Mo	mg/L	0.00012	0.00049	0.0015	0.0034	0.0054	-
Na	mg/L	13	54	160	348	520	-
Ni	mg/L	0.00064	0.0024	0.0077	0.016	0.026	-
Pb	mg/L	0.0000045	0.000014	0.000074	0.00016	0.00029	-
Sb	mg/L	0.000031	0.00013	0.00041	0.00088	0.0013	-
Se	mg/L	0.000017	0.000071	0.00021	0.00043	0.00081	-
Sr	mg/L	0.053	0.098	0.39	0.64	1.3	-
Tl	mg/L	0.0000027	0.0000044	0.000017	0.000025	0.000065	-
U	mg/L	0.000095	0.00027	0.00093	0.0017	0.0037	-
V	mg/L	0.000048	0.00023	0.00083	0.0021	0.0043	-
Zn	mg/L	0.00012	0.00033	0.0011	0.0020	0.0030	-
Ra-226	Bq/L	0.000044	0.000064	0.00026	0.00038	0.0012	-

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

Table 6-3:
Model Predictions at End-of-Pipe to Itivia Harbour (Waterline) During Operations

Constituents	Unit	Summary Statistics for Waterline during Operations (2026-2036)					MDMER
		Min*	P10*	Mean*	P90*	Max	
Major Ions							
TDS	mg/L	477	1,351	9,986	21,012	24,799	-
Cl	mg/L	190	744	6,407	13,874	16,417	-
F	mg/L	0.036	0.056	0.11	0.15	0.19	-
SO_4	mg/L	74	190	693	1,361	1,548	-
Nutrients and Cyanide							
NH_3-N	mg/L	0.63	1.5	13	29	38	19[1]
NO_3-N	mg/L	2.3	4.4	18	35	45	-
NO_2-N	mg/L	0.053	0.092	0.45	0.91	1.2	-
P	mg/L	0.030	0.037	0.10	0.15	0.45	-
CN	mg/L	0.00053	0.0014	0.016	0.034	0.047	0.5
Total Element							
Ag	mg/L	0.0000046	0.000011	0.000092	0.00020	0.00023	-
Al	mg/L	0.94	0.95	0.95	0.96	1.0	-
As	mg/L	0.0063	0.012	0.032	0.058	0.068	0.3
Ba	mg/L	0.018	0.034	0.084	0.16	0.17	-
Be	mg/L	0.000015	0.000022	0.000056	0.000092	0.00014	-
Ca	mg/L	23	54	338	705	822	-
Cd	mg/L	0.000026	0.000049	0.00013	0.00023	0.00026	-
Co	mg/L	0.0011	0.0017	0.0028	0.0040	0.0052	-
Cr	mg/L	0.0022	0.0025	0.0041	0.0063	0.0068	-
Cu	mg/L	0.0019	0.0021	0.0034	0.0043	0.0045	0.3
Fe	mg/L	1.1	1.1	1.2	1.2	1.2	-
Hg	mg/L	0.0000069	0.0000083	0.000017	0.000023	0.000028	-
K	mg/L	5.0	12	93	200	236	-
Mg	mg/L	8.7	16	42	73	77	-
Mn	mg/L	0.11	0.12	0.21	0.28	0.30	-
Mo	mg/L	0.0012	0.0027	0.016	0.032	0.036	-
Na	mg/L	120	395	2,990	6,377	7,533	-
Ni	mg/L	0.0070	0.011	0.023	0.034	0.039	0.5
Pb	mg/L	0.00016	0.00017	0.00030	0.00049	0.00053	0.1
Sb	mg/L	0.00031	0.00083	0.0049	0.010	0.012	-
Se	mg/L	0.00016	0.00039	0.0011	0.0020	0.0023	-
Sr	mg/L	0.59	1.1	8.2	18	21	-
Tl	mg/L	0.000022	0.000026	0.000042	0.000058	0.000069	-
U	mg/L	0.00053	0.00086	0.0016	0.0023	0.0029	-
V	mg/L	0.0024	0.0031	0.0055	0.0084	0.0089	-
Zn	mg/L	0.0026	0.0041	0.010	0.018	0.021	0.5
Ra-226	Bq/L	0.00037	0.0041	0.056	0.13	0.15	0.37
Dissolved Element							
Ag	mg/L	0.0000038	0.000010	0.000091	0.00020	0.00023	-
Al	mg/L	0.0037	0.0043	0.011	0.014	0.017	-
As	mg/L	0.0053	0.011	0.031	0.057	0.067	-
Ba	mg/L	0.014	0.030	0.080	0.15	0.17	-
Be	mg/L	0.0000067	0.000014	0.000048	0.000083	0.00013	-
Ca	mg/L	22	53	337	704	821	-
Cd	mg/L	0.000023	0.000046	0.00012	0.00023	0.00026	-
Co	mg/L	0.00067	0.0012	0.0024	0.0035	0.0048	-
Cr	mg/L	0.00016	0.00043	0.0020	0.0042	0.0047	-
Cu	mg/L	0.00086	0.0010	0.0023	0.0033	0.0034	-
Fe	mg/L	0.016	0.020	0.049	0.073	0.089	-
Hg	mg/L	0.0000055	0.0000069	0.000016	0.000021	0.000026	-
K	mg/L	4.9	12	93	200	236	-
Mg	mg/L	8.4	16	41	72	77	-
Mn	mg/L	0.10	0.11	0.19	0.27	0.28	-
Mo	mg/L	0.0012	0.0027	0.016	0.032	0.036	-
Na	mg/L	120	395	2,990	6,377	7,533	-
Ni	mg/L	0.0059	0.0095	0.021	0.033	0.038	-
Pb	mg/L	0.000050	0.000060	0.00019	0.00038	0.00042	-
Sb	mg/L	0.00030	0.00082	0.0049	0.010	0.012	-
Se	mg/L	0.00015	0.00038	0.0011	0.0020	0.0023	-
Sr	mg/L	0.59	1.1	8.2	18	21	-
Tl	mg/L	0.000019	0.000023	0.000039	0.000055	0.000066	-
U	mg/L	0.00052	0.00085	0.0016	0.0023	0.0029	-
V	mg/L	0.00046	0.0012	0.0035	0.0064	0.0070	-
Zn	mg/L	0.0013	0.0028	0.0088	0.017	0.020	-
Ra-226	Bq/L	0.00037	0.0041	0.056	0.13	0.15	-

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

1. The ammonia guideline was determined conservatively by assuming a pH of 8 and a temperature of 15°C, and an un-ionized ammonia concentration of 0.5 .

Table 6-4:
Model Predictions at End-of-Pipe to Itivia Harbour (Waterline) During Active Closure

Constituents	Unit	Summary Statistics for Waterline during Active Closure (2037-2039)					MDMER
		Min*	P10*	Mean*	P90*	Max	
Major Ions							
TDS	mg/L	720	899	2,032	2,658	2,871	-
Cl	mg/L	248	329	723	971	1,047	-
F	mg/L	0.049	0.059	0.13	0.17	0.18	-
SO_4	mg/L	106	128	298	403	411	-
Nutrients and Cyanide							
NH_3-N	mg/L	2.1	2.8	6.2	8.3	9.0	19[1]
NO_3-N	mg/L	6.6	8.8	19	26	28	-
NO_2-N	mg/L	0.039	0.050	0.11	0.15	0.16	-
P	mg/L	0.26	0.34	0.75	1.0	1.1	-
CN	mg/L	0.0031	0.0034	0.0087	0.011	0.013	0.5
Total Element							
Ag	mg/L	0.0000058	0.0000061	0.000012	0.000016	0.000017	-
Al	mg/L	0.94	0.95	0.95	0.95	0.95	-
As	mg/L	0.016	0.020	0.044	0.056	0.061	0.3
Ba	mg/L	0.019	0.022	0.042	0.055	0.057	-
Be	mg/L	0.000017	0.000019	0.000032	0.000039	0.000041	-
Ca	mg/L	37	44	100	131	136	-
Cd	mg/L	0.000031	0.000035	0.000072	0.000094	0.00010	-
Co	mg/L	0.0026	0.0033	0.0067	0.0088	0.0094	-
Cr	mg/L	0.0023	0.0024	0.0027	0.0029	0.0030	-
Cu	mg/L	0.0026	0.0029	0.0051	0.0064	0.0067	0.3
Fe	mg/L	1.1	1.1	1.1	1.1	1.1	-
Hg	mg/L	0.0000080	0.0000082	0.000016	0.000020	0.000020	-
K	mg/L	9.4	12	27	35	38	-
Mg	mg/L	18	23	51	68	73	-
Mn	mg/L	0.18	0.23	0.48	0.64	0.68	-
Mo	mg/L	0.0015	0.0018	0.0043	0.0057	0.0058	-
Na	mg/L	134	179	392	526	568	-
Ni	mg/L	0.014	0.017	0.037	0.049	0.053	0.5
Pb	mg/L	0.00018	0.00020	0.00028	0.00033	0.00036	0.1
Sb	mg/L	0.00041	0.00046	0.0010	0.0013	0.0014	-
Se	mg/L	0.00054	0.00066	0.0015	0.0020	0.0021	-
Sr	mg/L	0.44	0.58	1.3	1.7	1.8	-
Tl	mg/L	0.000021	0.000027	0.000056	0.000074	0.000079	-
U	mg/L	0.0016	0.0022	0.0047	0.0063	0.0068	-
V	mg/L	0.0026	0.0027	0.0035	0.0040	0.0041	-
Zn	mg/L	0.0026	0.0027	0.0043	0.0051	0.0052	0.5
Ra-226	Bq/L	0.00045	0.00057	0.0013	0.0017	0.0018	0.37
Dissolved Element							
Ag	mg/L	0.0000050	0.0000053	0.000012	0.000015	0.000016	-
Al	mg/L	0.0038	0.0039	0.0082	0.010	0.011	-
As	mg/L	0.015	0.019	0.043	0.055	0.060	-
Ba	mg/L	0.015	0.018	0.038	0.051	0.053	-
Be	mg/L	0.0000089	0.000010	0.000023	0.000030	0.000032	-
Ca	mg/L	36	43	99	130	135	-
Cd	mg/L	0.000028	0.000032	0.000069	0.000091	0.000096	-
Co	mg/L	0.0022	0.0028	0.0063	0.0083	0.0090	-
Cr	mg/L	0.00024	0.00030	0.00064	0.00086	0.00089	-
Cu	mg/L	0.0015	0.0019	0.0041	0.0054	0.0057	-
Fe	mg/L	0.015	0.017	0.030	0.038	0.039	-
Hg	mg/L	0.0000066	0.0000068	0.000015	0.000018	0.000019	-
K	mg/L	9.2	12	26	35	37	-
Mg	mg/L	18	23	50	67	73	-
Mn	mg/L	0.16	0.21	0.47	0.62	0.67	-
Mo	mg/L	0.0015	0.0018	0.0042	0.0057	0.0058	-
Na	mg/L	134	178	392	526	567	-
Ni	mg/L	0.013	0.016	0.036	0.048	0.052	-
Pb	mg/L	0.000074	0.000095	0.00017	0.00022	0.00025	-
Sb	mg/L	0.00040	0.00045	0.0010	0.0013	0.0014	-
Se	mg/L	0.00053	0.00065	0.0015	0.0020	0.0021	-
Sr	mg/L	0.44	0.58	1.3	1.7	1.8	-
Tl	mg/L	0.000018	0.000024	0.000053	0.000071	0.000076	-
U	mg/L	0.0016	0.0021	0.0047	0.0063	0.0068	-
V	mg/L	0.00064	0.00075	0.0016	0.0021	0.0022	-
Zn	mg/L	0.0014	0.0014	0.0030	0.0038	0.0040	-
Ra-226	Bq/L	0.00045	0.00057	0.0013	0.0017	0.0018	-

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

1. The ammonia guideline was determined conservatively by assuming a pH of 8 and a temperature of 15°C, and an un-ionized ammonia concentration of 0.5.

6.3 Post-Closure

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

Summary statistics are presented for key collection ponds and flooded pits during Post-Closure, with comparison to terrestrial (CP7 only) and aquatic guidelines (Table 6-5 through Table 6-18).

Water quality predictions are summarized starting in January 2044 and extending to December 2119. Most model nodes presented herein show predicted concentrations below the applicable guidelines throughout Post-Closure with the exception of phosphorus. Elevated concentrations of phosphorus are associated with natural runoff and thus phosphorus is not considered a mine related POPC. Limited instances of elevated chloride and mercury concentrations are observed for discrete model nodes. Chloride concentrations are elevated in PUMP01 early in Post-Closure and decrease to below the guideline value by June 2047. Mercury concentrations are marginally elevated above the guideline value in Lake J1 only in May 2054 and September 2059. The mercury dataset largely contains results reported at the method detection limit, and thus, the exceedances are considered to be highly conservative. WES04 is the only model node with several exceedances above guideline values, including total dissolved solids, chloride, copper, and mercury. The occurrence of elevated concentrations is attributed to the physical characteristics of the WES04 pit, specifically a high ratio (4:1) of exposed pit walls to the surrounding catchment area and a large water surface area, which contribute to evapoconcentration of geochemical loadings within the flooded pit. As the predicted exceedances are largely a result of these physical characteristics of the pit. Additional monitoring data collected through the life of mine will be used to update Post-Closure model predictions. Monthly water quality predictions for flooded pits and natural lakes during Post-Closure are provided in Appendix D.2, predictions for conjoined flooded pits which form during Post-Closure are provided in Appendix D.3.

Table 6-5:
CP7 Post Closure Predictions Compared to Terrestrial Guidelines

Parameter	Unit	Summary Statistics for CP7					*Terrestrial Guideline*
		Min	**P10**	**Mean**	**P90**	**Max**	
TDS	mg/L	424	510	614	759	854	*3,000*
NH_3-N	mg/L	0.056	0.064	0.17	0.44	0.57	-
Cl	mg/L	8	9	44	129	164	-
SO_4	mg/L	250	317	363	408	460	*1,000*
As	mg/L	0.012	0.015	0.016	0.018	0.019	*0.025*
Cd	mg/L	0.000046	0.000062	0.000075	0.000086	0.00010	*0.08*
Cu	mg/L	0.0028	0.0043	0.0053	0.0061	0.0070	*0.5*
Hg	mg/L	0.000021	0.000028	0.000033	0.000038	0.000044	*0.003*
Mn	mg/L	0.16	0.19	0.22	0.25	0.28	-
Ni	mg/L	0.014	0.025	0.031	0.036	0.041	*1*
P	mg/L	0.026	0.028	0.033	0.039	0.046	-
Pb	mg/L	0.00022	0.00027	0.00031	0.00036	0.00041	*0.1*
Se	mg/L	0.0009	0.0011	0.0012	0.0014	0.0015	*0.05*
U	mg/L	0.0015	0.0026	0.0031	0.0036	0.0042	*0.2*
Zn	mg/L	0.0023	0.0027	0.0031	0.0035	0.0041	*50*

Notes: Values shaded in grey are above applicable terrestrial guidelines.

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

Parameter	Unit	Summary Statistics for CP1					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	111	125	141	160	207	*1000*
NH_3-N**	mg/L	0.051	0.064	0.076	0.089	0.14	*0.58*
Cl	mg/L	15	17	20	26	36	*120*
SO_4	mg/L	32	39	46	52	74	-
As	mg/L	0.0025	0.0029	0.0032	0.0036	0.0057	*0.025*
Cd*	mg/L	0.000025	0.000030	0.000035	0.000038	0.000044	*0.00014 - 0.00022*
Cu*	mg/L	0.0015	0.0016	0.0019	0.0020	0.0023	*0.0020- 0.0033*
Hg	mg/L	0.000014	0.000016	0.000018	0.000019	0.000021	*0.000026*
Mn*	mg/L	0.047	0.063	0.085	0.10	0.12	*0.49 - 0.57*
Ni*	mg/L	0.0035	0.0048	0.0056	0.0063	0.0072	*0.083 - 0.13*
P	mg/L	0.059	0.066	0.072	0.077	0.085	*0.01*
Pb	mg/L	0.00023	0.00033	0.00052	0.00068	0.00084	*0.001*
Se	mg/L	0.00016	0.00020	0.00023	0.00026	0.00035	*0.001*
U	mg/L	0.00030	0.00040	0.00047	0.00054	0.00060	*0.015*
Zn*	mg/L	0.0019	0.0023	0.0027	0.0031	0.0034	*0.025 - 0.043*

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

Table 6-7:
PUMP01 Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for PUMP01					*Aquatic Guideline*
		Min	**P10**	**Mean**	**P90**	**Max**	
TDS	mg/L	190	205	245	316	477	*1000*
NH_3-N**	mg/L	0.048	0.054	0.066	0.082	0.15	*0.58*
Cl	mg/L	17	17	35	77	157	*120*
SO_4	mg/L	78	86	93	103	109	-
As	mg/L	0.0012	0.0012	0.0015	0.0016	0.0016	*0.025*
Cd*	mg/L	0.000023	0.000024	0.000025	0.000027	0.000028	*0.00018 - 0.00023*
Cu*	mg/L	0.00122	0.00133	0.0014	0.0015	0.0016	*0.0027 - 0.0035*
Hg	mg/L	0.0000096	0.0000107	0.0000115	0.000012	0.000012	*0.000026*
Mn*	mg/L	0.037	0.041	0.061	0.070	0.075	*0.53 - 0.60*
Ni*	mg/L	0.0044	0.0046	0.0050	0.0054	0.0057	*0.11 - 0.14*
P	mg/L	0.031	0.037	0.044	0.047	0.049	*0.01*
Pb	mg/L	0.00016	0.00020	0.00037	0.00045	0.00049	*0.001*
Se	mg/L	0.00014	0.00015	0.00016	0.00018	0.00018	*0.001*
U	mg/L	0.00017	0.00018	0.00019	0.00021	0.00022	*0.015*
Zn*	mg/L	0.0017	0.0018	0.0018	0.0019	0.0020	*0.033 - 0.046*

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

Table 6-8:
PUMP02 Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for PUMP02					*Aquatic Guideline*
		Min	**P10**	**Mean**	**P90**	**Max**	
TDS	mg/L	99	103	116	126	128	*1000*
NH_3-N**	mg/L	0.019	0.023	0.039	0.052	0.056	*0.58*
Cl	mg/L	16	17	17	18	18	*120*
SO_4	mg/L	56	57	62	65	66	-
As	mg/L	0.00047	0.00055	0.0008	0.0011	0.0011	*0.025*
Cd*	mg/L	0.000011	0.000012	0.000015	0.000018	0.000018	*0.000086 - 0.00012*
Cu*	mg/L	0.0010	0.0010	0.0011	0.0012	0.0012	*0.002*
Hg	mg/L	0.0000031	0.0000039	0.0000065	0.000009	0.000009	*0.000026*
Mn*	mg/L	0.013	0.015	0.026	0.034	0.036	*0.35 - 0.43*
Ni*	mg/L	0.0026	0.0027	0.0031	0.0033	0.0034	*0.025 - 0.076*
P	mg/L	0.0079	0.012	0.024	0.035	0.037	*0.01*
Pb	mg/L	0.000054	0.000065	0.00014	0.00020	0.00021	*0.001*
Se	mg/L	0.000090	0.000093	0.00011	0.00011	0.00012	*0.001*
U	mg/L	0.000091	0.000097	0.00012	0.00013	0.00014	*0.015*
Zn*	mg/L	0.0010	0.0011	0.0013	0.0015	0.0015	*0.014 - 0.022*

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

Table 6-9:
PUMP03 Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for PUMP03					*Aquatic Guideline*
		Min	**P10**	**Mean**	**P90**	**Max**	
TDS	mg/L	84	95	118	134	137	*1000*
NH_3-N**	mg/L	0.030	0.033	0.045	0.054	0.057	*0.58*
Cl	mg/L	25	25	28	31	31	*120*
SO_4	mg/L	25	31	47	59	62	-
As	mg/L	0.00038	0.00046	0.00079	0.00106	0.0011	*0.025*
Cd*	mg/L	0.0000091	0.000011	0.000015	0.000018	0.000019	*0.000068 - 0.00014*
Cu*	mg/L	0.00096	0.00100	0.0011	0.0013	0.0013	*0.0020 - 0.0021*
Hg	mg/L	0.0000026	0.0000035	0.0000062	0.0000084	0.0000089	*0.000026*
Mn*	mg/L	0.012	0.014	0.029	0.040	0.043	*0.35 - 0.49*
Ni*	mg/L	0.0023	0.0025	0.0033	0.0039	0.0040	*0.025 - 0.087*
P	mg/L	0.0076	0.011	0.022	0.032	0.034	*0.01*
Pb	mg/L	0.000058	0.000069	0.00016	0.00024	0.00026	*0.001*
Se	mg/L	0.000078	0.000084	0.00011	0.00013	0.00013	*0.001*
U	mg/L	0.000074	0.000085	0.00012	0.00014	0.00015	*0.015*
Zn*	mg/L	0.0010	0.0011	0.0013	0.0015	0.0015	*0.011 - 0.026*

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

Table 6-10:
PUMP04 Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for PUMP04					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	141	151	168	191	361	*1000*
NH_3-N**	mg/L	0.045	0.049	0.068	0.081	0.086	*0.58*
Cl	mg/L	23	26	27	29	35	*120*
SO_4	mg/L	12	13	30	52	58	-
As	mg/L	0.00087	0.0010	0.0017	0.0027	0.0031	*0.025*
Cd*	mg/L	0.000015	0.000015	0.000018	0.000021	0.000024	*0.000075 - 0.00017*
Cu*	mg/L	0.00084	0.00090	0.00118	0.0015	0.0016	*0.0020 - 0.0025*
Hg	mg/L	0.0000064	0.0000067	0.0000084	0.000010	0.000011	*0.000026*
Mn*	mg/L	0.022	0.029	0.047	0.062	0.073	*0.35 - 0.53*
Ni*	mg/L	0.0017	0.0018	0.0032	0.0051	0.0057	*0.025 - 0.10*
P	mg/L	0.024	0.031	0.035	0.039	0.041	*0.01*
Pb	mg/L	0.00015	0.00021	0.00030	0.00037	0.00040	*0.001*
Se	mg/L	0.000068	0.000075	0.00014	0.00021	0.00024	*0.001*
U	mg/L	0.000069	0.000077	0.00024	0.00046	0.00052	*0.015*
Zn*	mg/L	0.0014	0.0014	0.0015	0.0016	0.0017	*0.012 - 0.031*

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

Table 6-11:
F ZONE Flooded Pit Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for F Zone Pit Lake					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	183	191	231	314	488	*1000*
NH_3-N**	mg/L	0.061	0.062	0.080	0.12	0.21	*0.58*
Cl	mg/L	21	22	33	56	96	*120*
SO_4	mg/L	44	47	53	61	65	-
As	mg/L	0.0012	0.0013	0.0015	0.0020	0.0022	*0.025*
Cd*	mg/L	0.000017	0.000020	0.000022	0.000023	0.000023	*0.00012 - 0.00018*
Cu*	mg/L	0.0012	0.0012	0.0013	0.0014	0.0016	*0.0020 - 0.0026*
Hg	mg/L	0.0000065	0.0000088	0.0000099	0.000011	0.000011	*0.000026*
Mn*	mg/L	0.036	0.038	0.054	0.065	0.069	*0.43 - 0.53*
Ni*	mg/L	0.0042	0.0044	0.0049	0.0054	0.0060	*0.075 - 0.11*
P	mg/L	0.018	0.031	0.037	0.041	0.041	*0.01*
Pb	mg/L	0.00012	0.00017	0.00032	0.00038	0.00041	*0.001*
Se	mg/L	0.00013	0.00013	0.00015	0.00018	0.00020	*0.001*
U	mg/L	0.00016	0.00017	0.00022	0.00031	0.00035	*0.015*
Zn*	mg/L	0.0013	0.0016	0.0017	0.0017	0.0018	*0.022 - 0.033*

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

Table 6-12:
WES Flooded Pit Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for WES Pit Lake					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	218	219	236	260	271	*1000*
NH_3-N**	mg/L	0.063	0.064	0.077	0.087	0.088	*0.58*
Cl	mg/L	34	35	40	44	47	*120*
SO_4	mg/L	18	20	55	100	113	-
As	mg/L	0.00049	0.00062	0.0023	0.0043	0.0049	*0.025*
Cd*	mg/L	0.0000076	0.0000084	0.000016	0.000027	0.000029	*0.000060 - 0.00021*
Cu*	mg/L	0.00087	0.00091	0.0014	0.0020	0.0022	*0.0020 - 0.0031*
Hg	mg/L	0.0000018	0.0000022	0.0000061	0.000011	0.000012	*0.000026*
Mn*	mg/L	0.0088	0.011	0.036	0.068	0.077	*0.35 - 0.57*
Ni*	mg/L	0.0021	0.0022	0.0052	0.0091	0.010	*0.025 - 0.12*
P	mg/L	0.0058	0.0068	0.013	0.019	0.021	*0.01*
Pb	mg/L	0.000046	0.000053	0.000105	0.00017	0.00018	*0.001*
Se	mg/L	0.000070	0.000079	0.00020	0.00035	0.00040	*0.001*
U	mg/L	0.000057	0.000093	0.00045	0.00090	0.00102	*0.015*
Zn*	mg/L	0.00089	0.00094	0.0012	0.0016	0.0017	*0.0096 - 0.040*

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

Table 6-13:
TIRI Flooded Pit Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for TIRI Pit Lake					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	104	156	286	382	395	*1000*
NH_3-N**	mg/L	0.020	0.061	0.089	0.10	0.10	*0.58*
Cl	mg/L	17	25	31	37	38	*120*
SO_4	mg/L	16	41	134	213	225	-
As	mg/L	0.00044	0.00182	0.0058	0.0093	0.0099	*0.025*
Cd*	mg/L	0.0000072	0.000012	0.000032	0.000047	0.000049	*0.000051 - 0.00035*
Cu*	mg/L	0.00082	0.00107	0.0024	0.0034	0.0035	*0.0020 - 0.0040*
Hg	mg/L	0.0000018	0.0000040	0.000013	0.000020	0.000021	*0.000026*
Mn*	mg/L	0.0085	0.024	0.084	0.13	0.14	*0.35 - 0.64*
Ni*	mg/L	0.0019	0.0034	0.0118	0.018	0.019	*0.025 - 0.15*
P	mg/L	0.0043	0.0080	0.017	0.024	0.025	*0.01*
Pb	mg/L	0.000039	0.000063	0.00015	0.00023	0.00024	*0.001*
Se	mg/L	0.000067	0.00016	0.00047	0.00073	0.00077	*0.001*
U	mg/L	0.00017	0.00034	0.0012	0.0019	0.0020	*0.015*
Zn*	mg/L	0.00079	0.00100	0.0017	0.0022	0.0022	*0.0080 - 0.071*

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

Table 6-14:
TIRI04 Flooded Pit Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for TIRI04 Pit Lake					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	109	110	118	124	126	*1000*
NH_3-N**	mg/L	0.085	0.086	0.087	0.088	0.088	*0.58*
Cl	mg/L	34	34	35	37	38	*120*
SO_4	mg/L	26	27	32	36	37	-
As	mg/L	0.0012	0.0013	0.0015	0.0017	0.0017	*0.025*
Cd*	mg/L	0.000014	0.000015	0.000018	0.000020	0.000021	*0.000085 - 0.00012*
Cu*	mg/L	0.0010	0.0010	0.0011	0.0012	0.0013	*0.002*
Hg	mg/L	0.0000049	0.0000054	0.0000073	0.0000088	0.0000092	*0.000026*
Mn*	mg/L	0.025	0.027	0.038	0.048	0.051	*0.35 - 0.43*
Ni*	mg/L	0.0023	0.0025	0.0032	0.0037	0.0039	*0.025 - 0.075*
P	mg/L	0.018	0.020	0.027	0.033	0.035	*0.01*
Pb	mg/L	0.00013	0.00013	0.00021	0.00028	0.00030	*0.001*
Se	mg/L	0.00010	0.00010	0.00012	0.00014	0.00014	*0.001*
U	mg/L	0.00031	0.00033	0.00041	0.00048	0.00050	*0.015*
Zn*	mg/L	0.0013	0.0013	0.0015	0.0016	0.0016	*0.014 - 0.021*

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

Table 6-15:
Lake J1 Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for Lake J1					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	56	243	307	374	495	*1000*
NH_3-N**	mg/L	0.036	0.046	0.059	0.079	0.11	*0.58*
Cl	mg/L	10	12	21	47	73	*120*
SO_4	mg/L	4.4	137	174	221	267	-
As	mg/L	0.0013	0.0030	0.0036	0.0043	0.0050	*0.025*
Cd*	mg/L	0.000019	0.000035	0.000042	0.000049	0.000058	*0.000097 - 0.00037*
Cu*	mg/L	0.00088	0.00130	0.0015	0.0017	0.0019	*0.0020 - 0.0040*
Hg	mg/L	0.000011	0.000017	0.000020	0.000023	0.000026	*0.000026*
Mn*	mg/L	0.037	0.077	0.098	0.12	0.14	*0.43 - 0.71*
Ni*	mg/L	0.0013	0.011	0.013	0.017	0.020	*0.025 - 0.15*
P	mg/L	0.040	0.043	0.045	0.049	0.055	*0.01*
Pb	mg/L	0.00016	0.00025	0.00036	0.00046	0.00054	*0.001*
Se	mg/L	0.000069	0.00031	0.00039	0.00048	0.00057	*0.001*
U	mg/L	0.000069	0.0020	0.0025	0.0032	0.0039	*0.015*
Zn*	mg/L	0.0016	0.0018	0.0021	0.0023	0.0026	*0.017 - 0.090*

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

Table 6-16:
DISC01 Flooded Pit Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for DISC01					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	86	88	101	113	117	*1000*
NH_3-N**	mg/L	0.030	0.032	0.044	0.056	0.059	*0.58*
Cl	mg/L	40	40	43	44	45	*120*
SO_4	mg/L	17	18	23	28	30	-
As	mg/L	0.00081	0.00084	0.0010	0.0012	0.0012	*0.025*
Cd*	mg/L	0.0000093	0.000010	0.000013	0.000016	0.000016	*0.000056 - 0.00086*
Cu*	mg/L	0.00082	0.00083	0.00089	0.0009	0.0010	*0.002*
Hg	mg/L	0.0000025	0.0000030	0.0000046	0.0000061	0.0000064	*0.000026*
Mn*	mg/L	0.012	0.013	0.023	0.032	0.034	*0.35*
Ni*	mg/L	0.0015	0.0017	0.0022	0.0026	0.0027	*0.025*
P	mg/L	0.0068	0.0084	0.014	0.020	0.021	*0.01*
Pb	mg/L	0.000057	0.000063	0.00012	0.00017	0.00019	*0.001*
Se	mg/L	0.000078	0.000082	0.00010	0.00012	0.00012	*0.001*
U	mg/L	0.00047	0.00051	0.00068	0.00084	0.00088	*0.015*
Zn*	mg/L	0.00091	0.0010	0.0011	0.0012	0.0012	*0.0090 - 0.015*

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

Table 6-17:
WN01 Flooded Pit Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for WN01					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	87	88	101	113	121	*1000*
NH_3-N**	mg/L	0.018	0.019	0.033	0.044	0.048	*0.58*
Cl	mg/L	16	16	17	17	18	*120*
SO_4	mg/L	6.6	6.7	7.4	8.1	8.7	-
As	mg/L	0.00049	0.00056	0.0009	0.0011	0.0011	*0.025*
Cd*	mg/L	0.0000076	0.000009	0.000013	0.000015	0.000016	*0.000053 - 0.00099*
Cu*	mg/L	0.00084	0.00085	0.00092	0.0010	0.0010	*0.002*
Hg	mg/L	0.0000021	0.0000030	0.0000055	0.0000075	0.0000079	*0.000026*
Mn*	mg/L	0.009	0.011	0.027	0.039	0.042	*0.35 - 0.43*
Ni*	mg/L	0.0013	0.0013	0.0014	0.0014	0.0014	*0.025*
P	mg/L	0.0092	0.014	0.027	0.039	0.041	*0.01*
Pb	mg/L	0.000071	0.000087	0.00021	0.00032	0.00034	*0.001*
Se	mg/L	0.000057	0.000058	0.000068	0.000076	0.000078	*0.001*
U	mg/L	0.000070	0.000071	0.000073	0.000075	0.000075	*0.015*
Zn*	mg/L	0.00094	0.0010	0.0013	0.0015	0.0015	*0.0084 - 0.017*

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

Table 6-18:
WES04 Flooded Pit Post Closure Predictions Compared to Aquatic Guidelines

Parameter	Unit	Summary Statistics for WES04					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	917	1,374	2,958	4,349	4,691	*1000*
NH_3-N**	mg/L	0.10	0.15	0.32	0.47	0.51	*0.58*
Cl	mg/L	59	73	123	165	176	*120*
SO_4	mg/L	51	75	160	234	252	-
As	mg/L	0.00076	0.0010	0.0020	0.0028	0.0030	*0.025*
Cd*	mg/L	0.000015	0.000020	0.000039	0.000055	0.000058	*0.000077 - 0.00020*
Cu*	mg/L	0.0015	0.0019	0.0032	0.0043	0.0046	*0.0020 - 0.0030*
Hg	mg/L	0.0000056	0.0000081	0.000017	0.000025	0.000027	*0.000026*
Mn*	mg/L	0.027	0.040	0.084	0.12	0.13	*0.35 - 0.57*
Ni*	mg/L	0.0077	0.011	0.024	0.036	0.038	*0.025 - 0.12*
P	mg/L	0.0035	0.0036	0.0039	0.0041	0.0042	*0.01*
Pb	mg/L	0.000039	0.000040	0.000042	0.000044	0.000045	*0.001*
Se	mg/L	0.00017	0.00024	0.00047	0.00067	0.00072	*0.001*
Sr	mg/L	0.14	0.19	0.39	0.56	0.60	*2.5*
U	mg/L	0.00021	0.00031	0.00066	0.00096	0.0010	*0.015*
V	mg/L	0.00032	0.00045	0.00090	0.0013	0.0014	*0.12*
Zn*	mg/L	0.0011	0.0012	0.0017	0.0022	0.0023	*0.013 - 0.038*

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

7. Summary



7. Summary

The WBWQM assembled for the January 2024 Type A Water License 2AM-MEL1631 amendment (Lorax 2024), and subsequently updated for the 2025 Modification application, has been further revised to reflect slight changes to the mine plan to support the 2026 WL Amendment. These updates include:

- The mine plan is extended within the previously assessed footprint to the end of 2036;
- The Waterline is online as of June 2027;
- Advancement of the PUMP underground mine below permafrost;
- Utilization of the underground mine voids for permanent storage of saline water at the beginning of Active Closure;
- Sewage treatment plant discharges will be routed to the underground mine void for the duration of the Active Closure phase (2037-2043); and,
- Utilization of the Waterline for the first three years of Active Closure (2037-2039) to remove remaining surface contact water and saline water from storage at site.

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

The water balance model assembled for the Meliadine Mine tracks all water types (surface contact, saline and non-contact) across the site on a daily time-step, with water quality predictions aggregated to monthly time-steps for comparison to relevant criteria. Lake, pit, and underground dewatering activities are represented, along with the balancing of discharges to Meliadine Lake and Itivia Harbour. Predicted inflows, outflows, and pond volumes for key nodes (CP1, WES03, CP7, PUMP01/CP9, PUMP02, TIRI02 and WES02) indicate that the water management infrastructure is capable of routing and storing the saline and surface contact water throughout Operations, under an annually variable RCP4.5 climate scenario. The updated model shows slight changes to the annual discharge volumes relative to those presented in Lorax (2025), summarized as follows:

- Reductions in saline water discharge to Itivia Harbour, with the exception of 2030, 2031, and 2033;
- Comparable treated effluent discharge volumes from the EWTP to Itivia Harbour;
- Reduced discharges to Meliadine Lake via the EWTP; and,

- Increased proportion of total Waterline discharge comprised of treated (via the EWTP) surface contact water.

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

During Post-Closure, mining activities will have ceased, open pits will have been flooded with Meliadine Lake water, water management infrastructure will have been decommissioned, and site waterbodies will begin to discharge passively. Predicted concentrations generally remain below applicable guideline values throughout the 2044 to 2119 simulation period. Phosphorus concentrations exceed aquatic guidelines at several model nodes; however, these elevated concentrations are associated with natural runoff and are not considered mine-related parameters of potential concern. The most notable exceedances are predicted for the WES04 flooded pit, where total dissolved solids, chloride, copper, and mercury exceed applicable guidelines as a result of the high ratio of exposed pit wall area to contributing catchment area and the resulting evapoconcentration of geochemical loadings. Overall, the post-closure modelling indicates that water quality is expected to remain protective of aquatic and terrestrial receptors at most site waterbodies, with WES04 identified as the primary location where future mitigation measures or design refinements may be warranted.

8. Closure

AGNICO EAGLE

8. Closure

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

Yours sincerely,

LORAX ENVIRONMENTAL SERVICES LTD.

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PERMIT TO PRACTICE
LORAX ENVIRONMENTAL SERVICES LTD.
Signature
Date October 16, 2026
PERMIT NUMBER: P 1487
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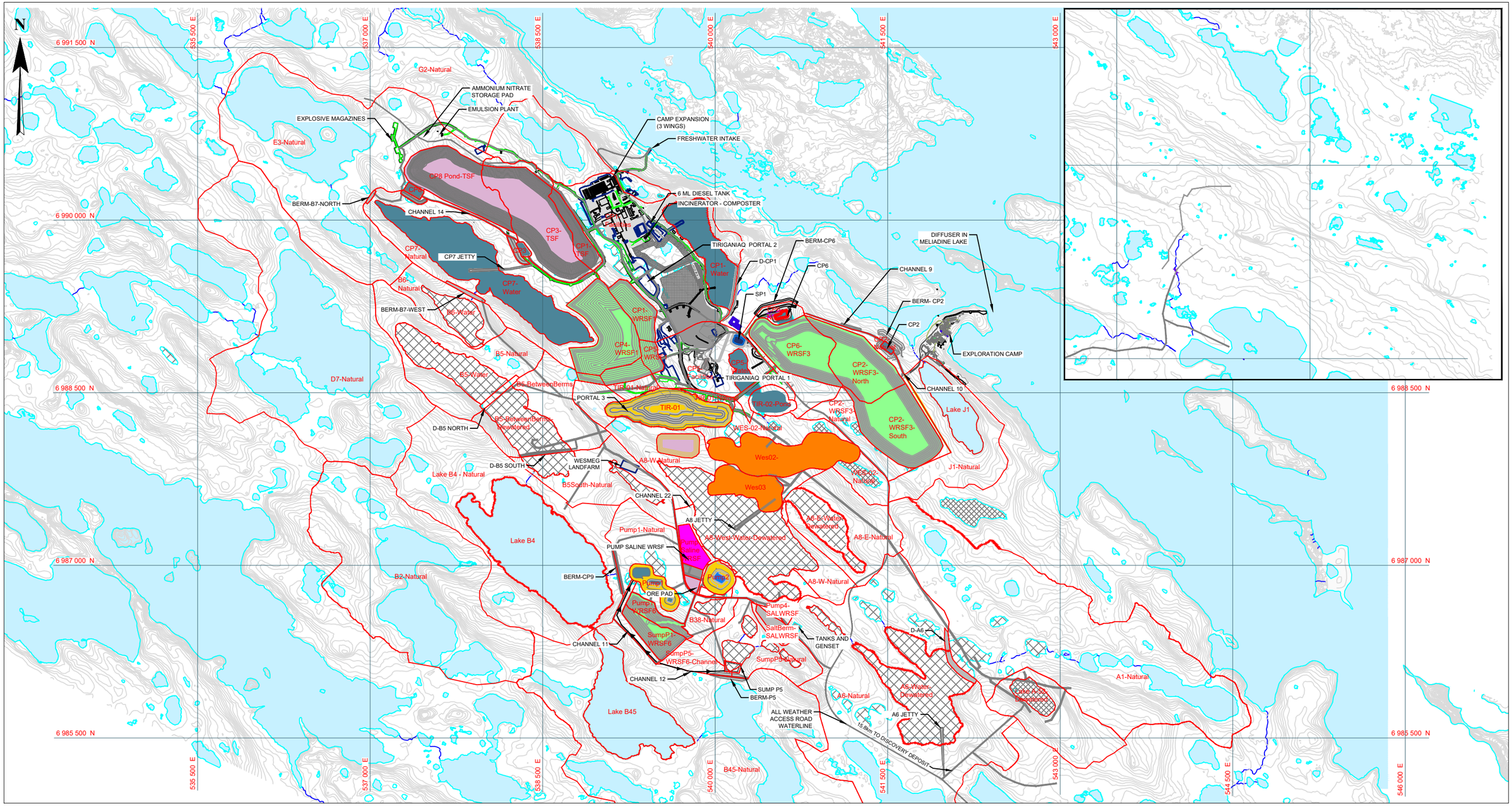
Appendix A: Meliadine Mine Annual Layouts

A.1: MELIADINE MINE ANNUAL LAYOUTS

A.2: ANNUAL CATCHMENT AREAS

AGNICO EAGLE

A.1: Meliadine Mine Annual Layouts



LEGEND

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

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LORAX ENVIRONMENTAL

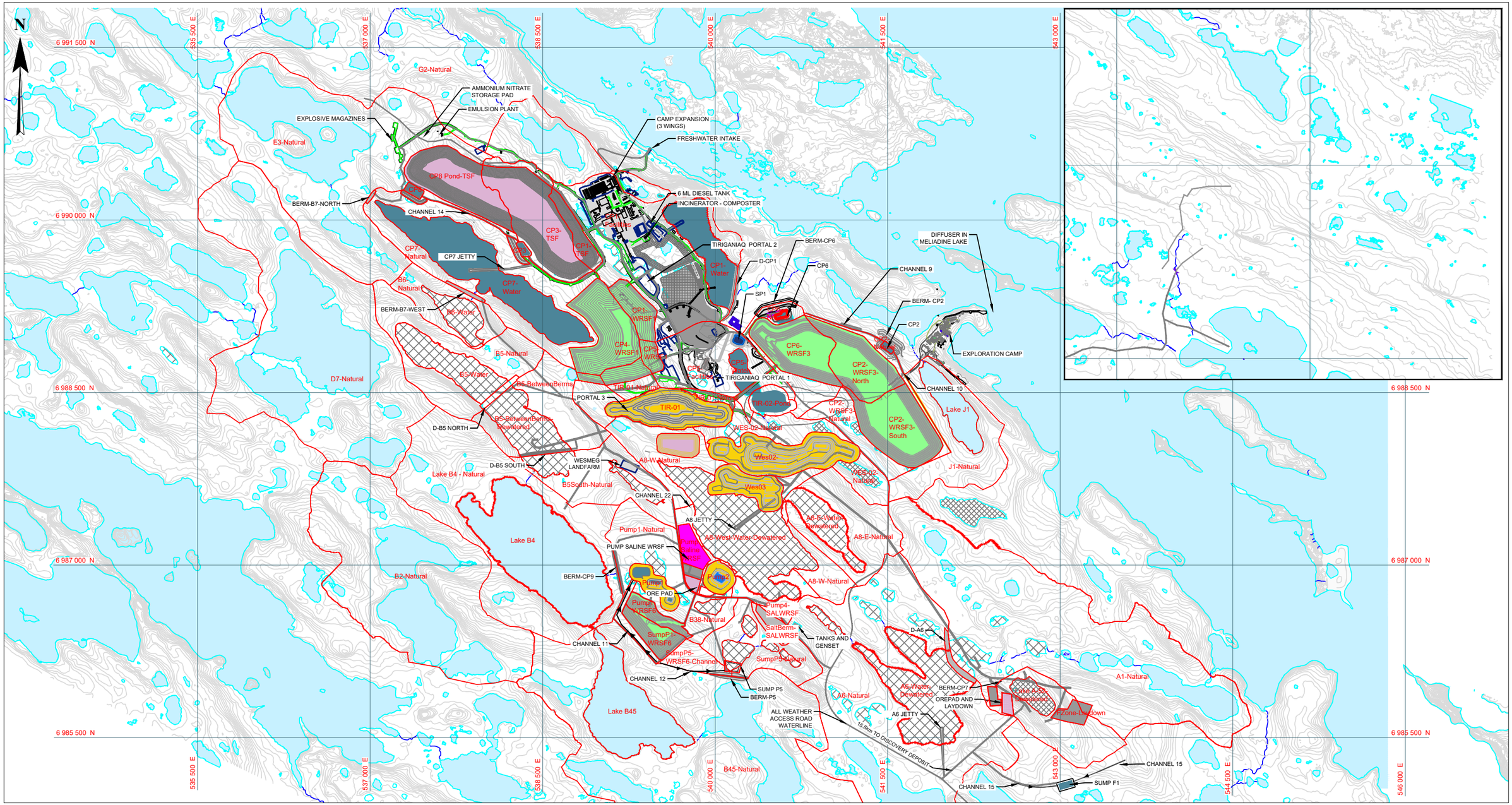
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2026

PROJECT #: A667-5

FIGURE: A1.1

P:\@202506\Meliadine\Drafting Figures\Autocad\Autocad Figures\Operations Plan 2026\2026 WBM.dwg



LEGEND

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

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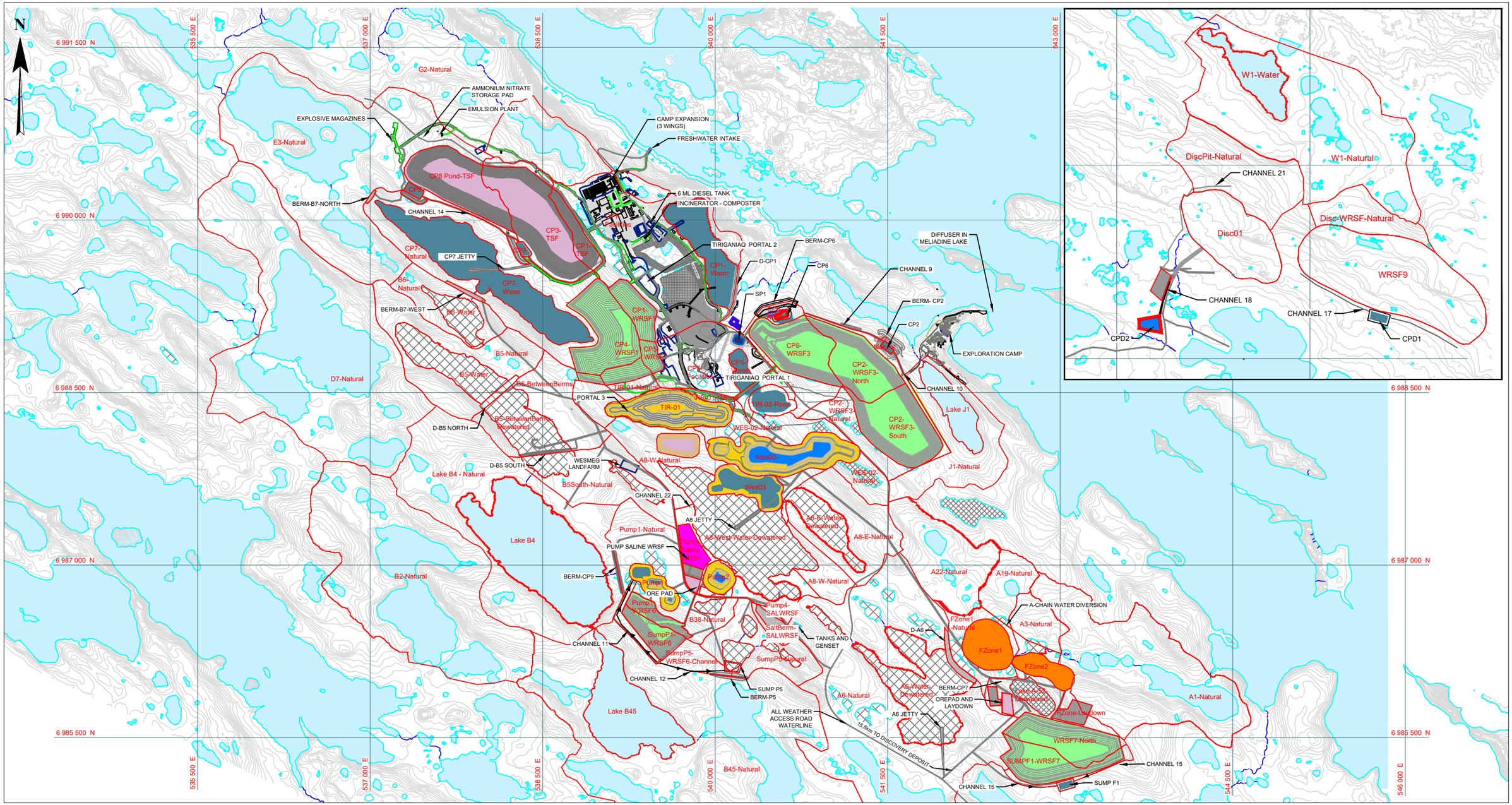
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2027

PROJECT #: A667-5

FIGURE: A1.2

P:\@202506\Meliadine\Drafting Figures\Autocad\Autocad Figures\Operations Plan 2026\2027 WBM.dwg



LEGEND

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

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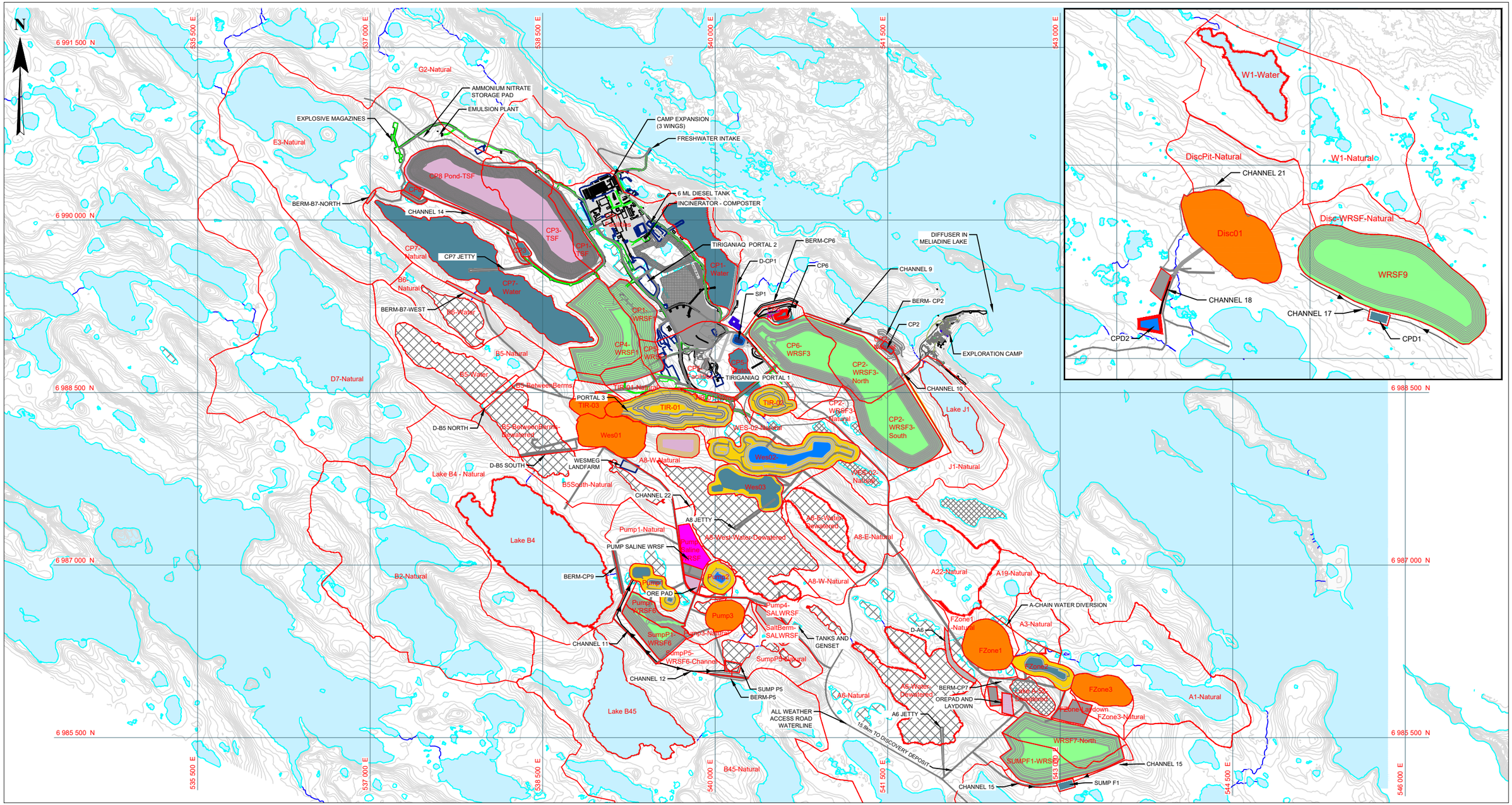
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2028

PROJECT #: A667-5

FIGURE: A1.3

P:\@202506\Meliadine\Drafting Figures\Autocad\Autocad Figures\Operations Plan 2026\2028 WBM.dwg



LEGEND

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

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LORAX ENVIRONMENTAL

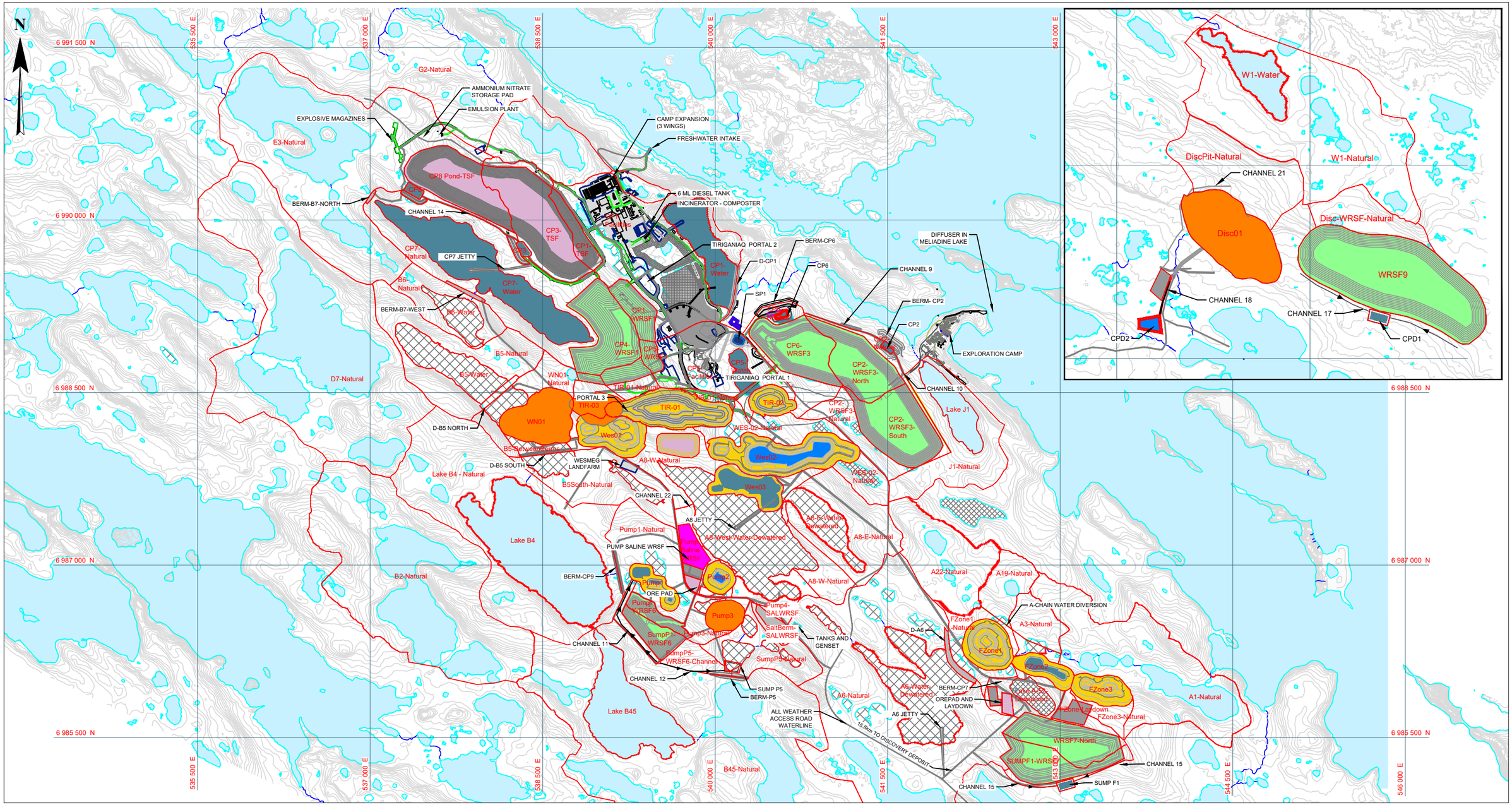
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2029

PROJECT #: A667-5

FIGURE: A1.4

P:\@202506\Meliadine\Drafting Figures\Autocad\Autocad Figures\Operations Plan 2026\2029 WBM.dwg



LEGEND

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

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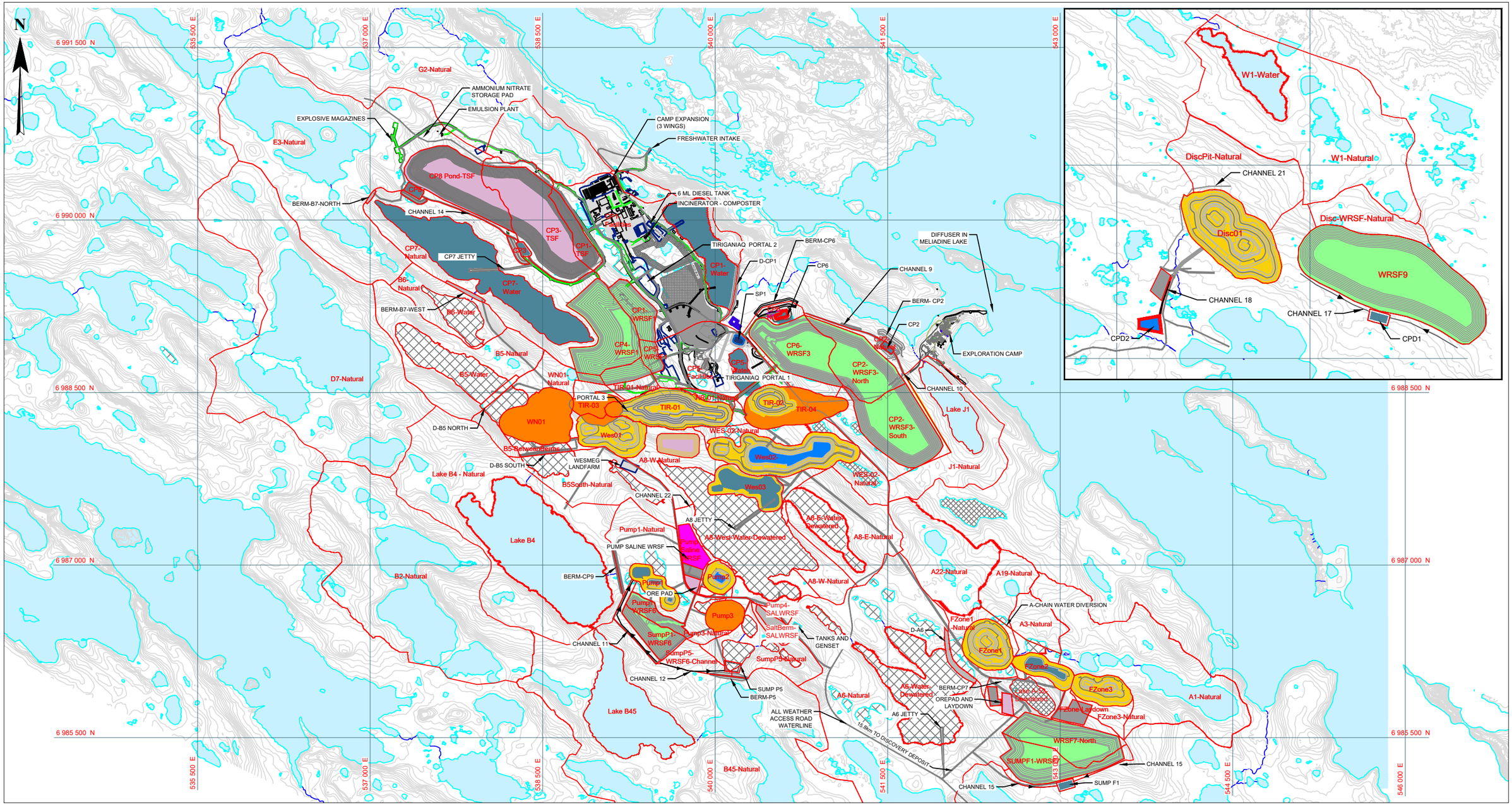
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2030

PROJECT #: A667-5

FIGURE: A1.5

P:\@202506\Meliadine\Drafting Figures\Autocad\Autocad Figures\Operations Plan 2026\2030 WBM.dwg



LEGEND

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

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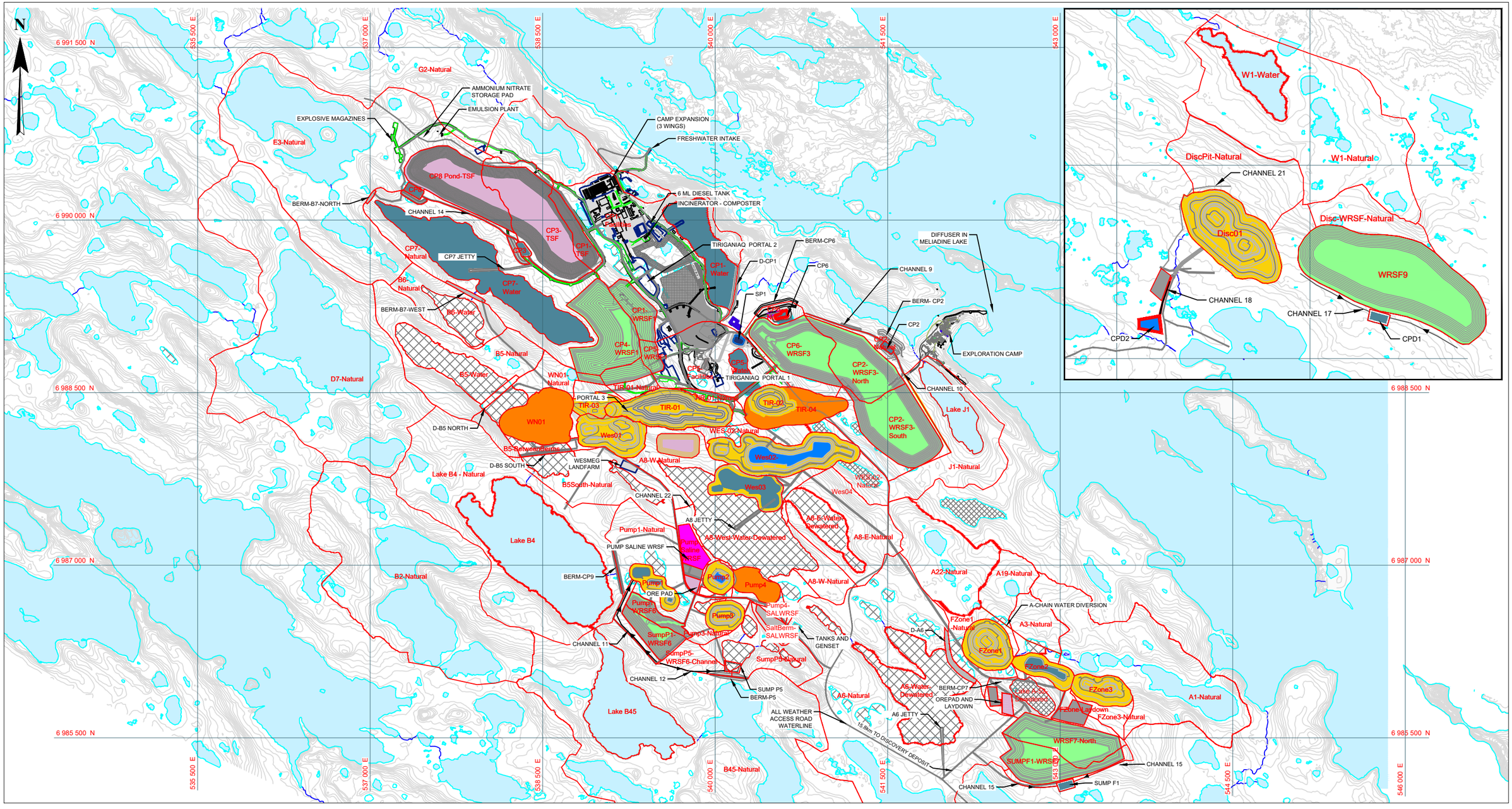
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2031

PROJECT #: A667-5

FIGURE: A1.6

P:\@202506\Meliadine\Drafting Figures\Autocad\Autocad Figures\Operations Plan 2026\2031 WBM.dwg



LEGEND

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

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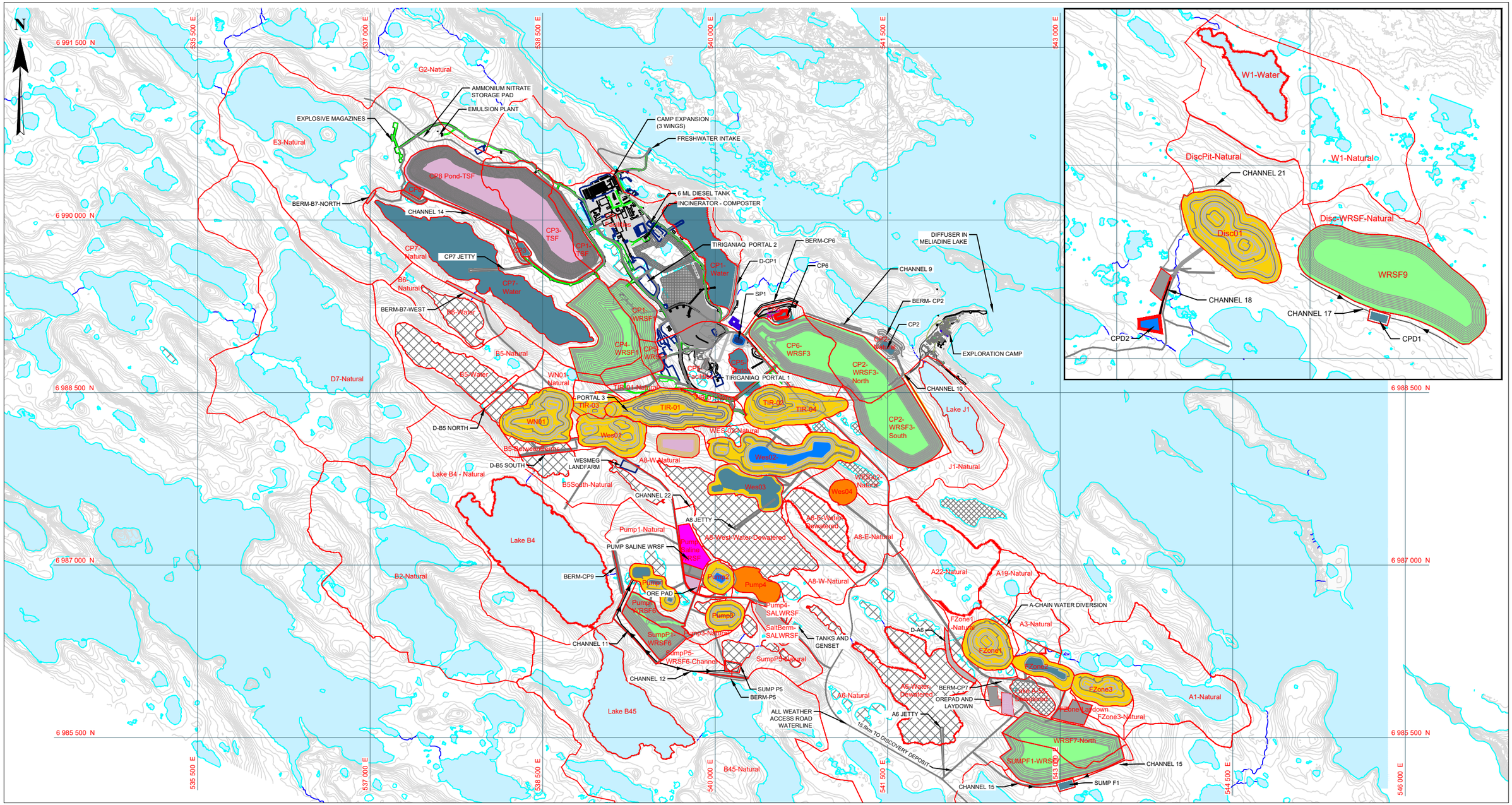
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2032

PROJECT #: A667-5

FIGURE: A1.7

P:\@202506\Meliadine\Drafting Figures\Autocad\Autocad Figures\Operations Plan 2026\2032 WBM.dwg



LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
- EXISTING GROUND
- ROAD
- ROAD TOE
- ROAD CREST
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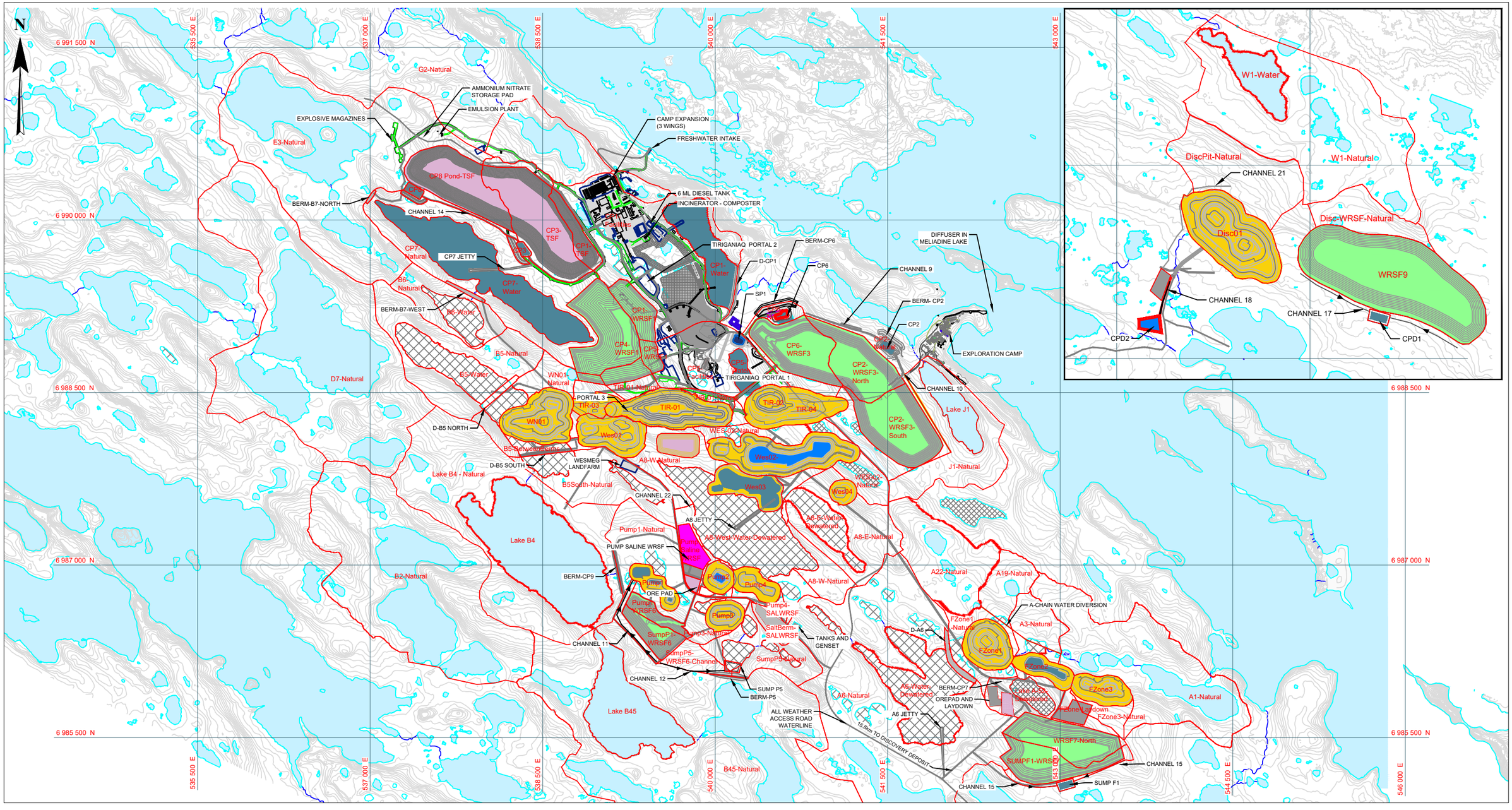
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2033

PROJECT #: A667-5

FIGURE: A1.8

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LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS
- FOR PITS
- EXISTING GROUND
- ROAD
- ROAD TOE
- ROAD CREST
- HYDRO LINE
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- DIVERSION CHANNEL
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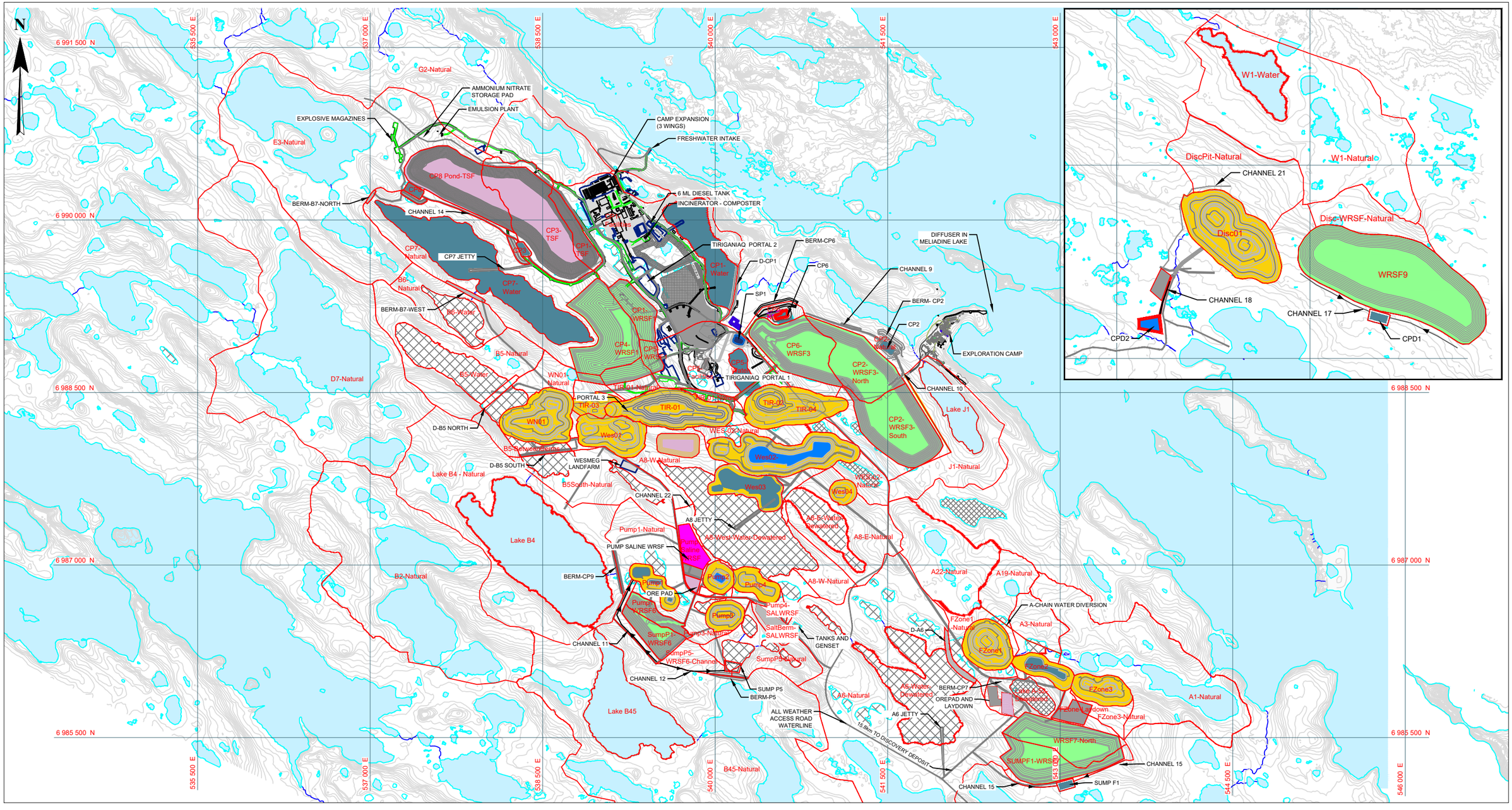
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2034

PROJECT #: A667-5

FIGURE: A1.9

P:\@202506\Meliadine\Drafting Figures\Autocad\Autocad Figures\Operations Plan 2026\2034 WBM.dwg



LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS
- FOR PITS
- EXISTING GROUND
- ROAD
- ROAD TOE
- ROAD CREST
- HYDRO LINE
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- OPEN PITS COMPLETED
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- TAILINGS STORAGE FACILITY IN PROGRESS
- WASTE ROCK STORAGE FACILITY COMPLETED

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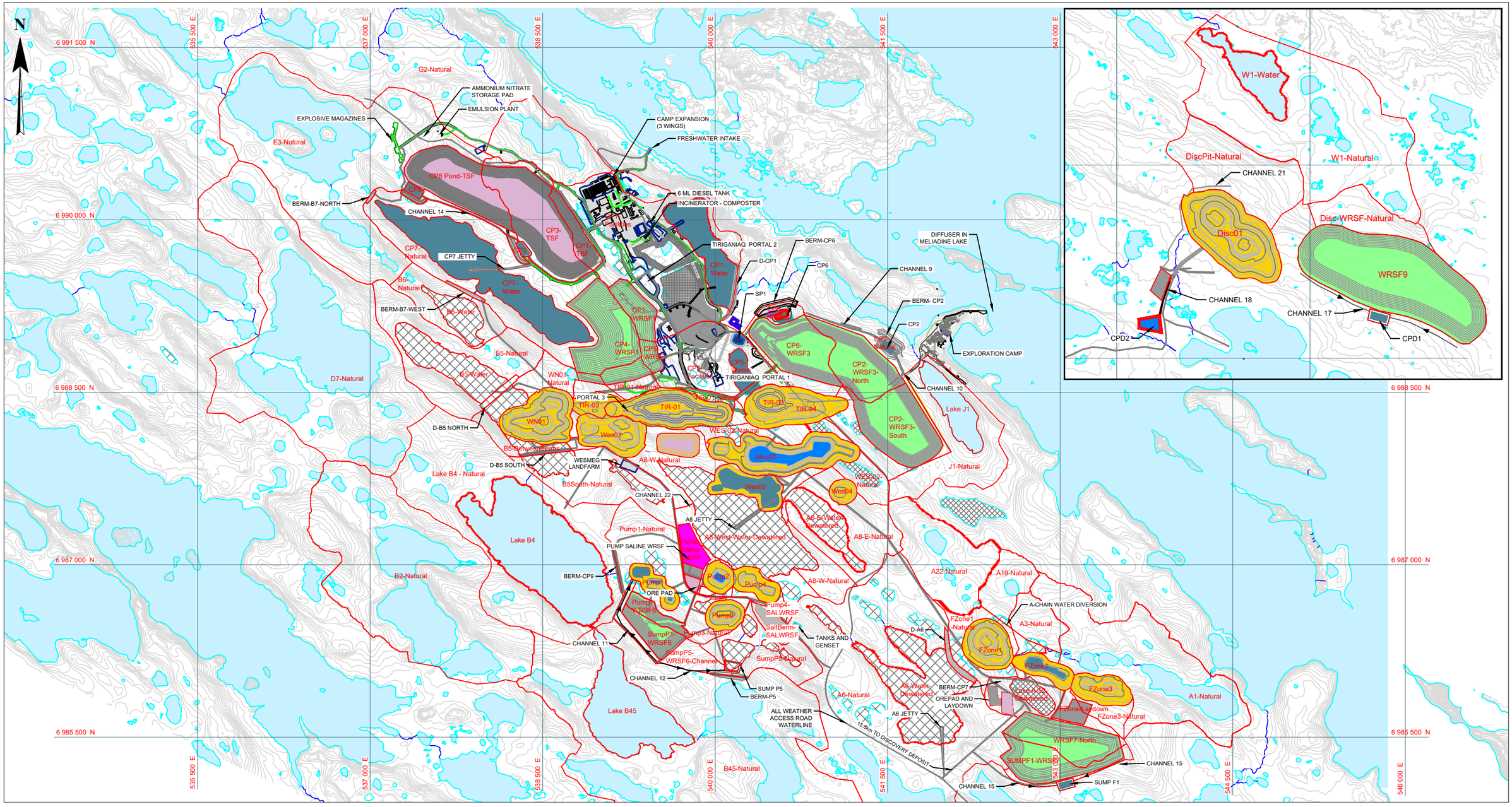
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2035

PROJECT #: A667-5

FIGURE: A1.10

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LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
- EXISTING GROUND
- ROAD
- ROAD TOE
- ROAD CREST
- HYDRO LINE
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- WASTE ROCK STORAGE FACILITY COMPLETED

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PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - EOM - 2036

PROJECT #: A667-5

FIGURE: A1.11

P:\@202506\Meliadine\Drafting Figures\Autocad\Autocad Figures\Operations Plan 2026\EOM-2036 WBM.dwg

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

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

N

E3 G2 E4 E5 D23 D6 D7 D8 CP7 CP1 H13 H13 B6 B4 B2 B41 B45 B34 B59 B61 B64 B46 A28 A20 A22 A31 A30 A7 A6 A45 A52 A2 A1 J1

TSF

BERM

WRSF1

WRSF3

WRSF5

WRSF6

WRSF7

WRSF9

MELIADINE LAKE

MELIADINE LAKE

MELIADINE LAKE

CHICKENHEAD LAKE

FLOW TO MELIADINE LAKE

FLOW TO TIRI PIT LAKE (VIA CONSTRUCTED CHANNEL)

FLOW TO MELIADINE LAKE

FLOW TO DISCOVERY PIT

FLOW TO CHICKENHEAD LAKE

FLOW TO MELIADINE LAKE

WNo1 Flooded Pit

TIRI Flooded Pit

TIRo4 Flooded Pit

WES Flooded Pits

WESo4 Flooded Pit

West A8

East A8

PUMo1 Flooded Pit

PUMo2/o4 Flooded Pits

PUMo3 Flooded Pit

FZONE Flooded Pits

Discovery Flooded Pit

LEGEND

- Prediction Node Catchment
- Flow Path
- Reclaimed Mine Infrastructure
- Berm
- Waterbody
- 25 metre - Major Contour
- 5 metre - Minor Contour

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

1:30,000

0 500 1,000 1,500 Metres

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LORAX ENVIRONMENTAL

PROJECT:

Meliadine Mine

TITLE:

Post-Closure Flow Paths

PROJECT #: A667-5 *FIGURE:* A1.12

P:\@2025\06\Meliadine\Drafting Figures\APRX\Meliadine WB WQM Post-Closure\Meliadine WB WQM Post Closure 2026.aprx App.A1.12_Post-Closure Flow Paths

Printed by: DesMacDonald

A.2: Annual Catchment Areas

Appendix A.2: Annual Catchment Areas

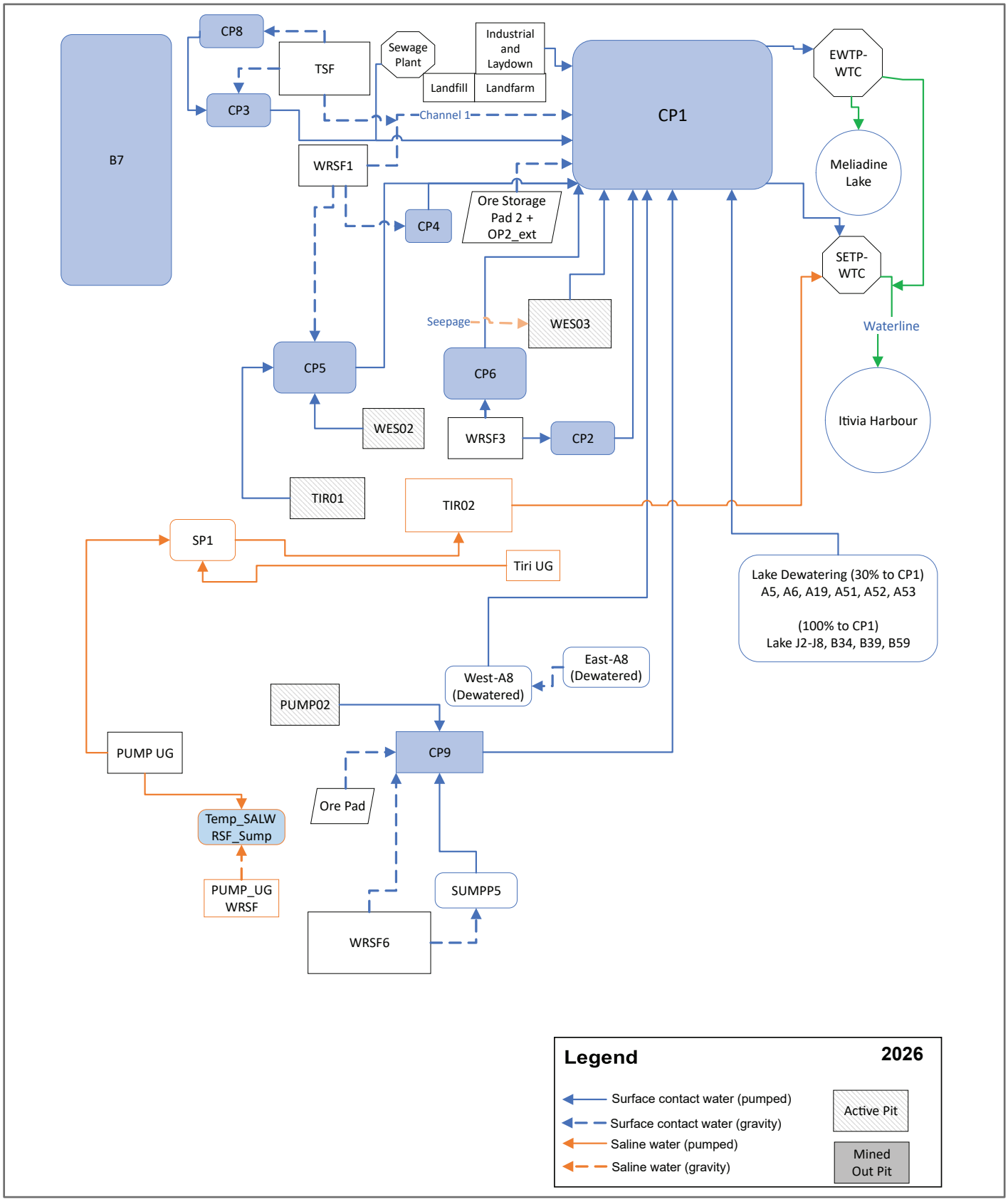
Water Balance Area	Catchment Area (m^2)															
	2021	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**
CP1-Facilities	1,065,390	1,065,390	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242
CP1-Facilities-Natural	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520
CP1-TSF	66,810	66,810	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978
CP1-Water	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766
CP1-WRSF1	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031
CP5-Contact Water	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675
CP5-Facilities	387,030	387,030	392,474	403,047	403,047	412,342	412,342	412,342	412,342	412,342	412,342	412,342	412,342	412,342	412,342	412,342
CP5-Natural	59,512	59,512	59,512	59,512	59,512	59,512	59,512	59,512	59,512	42,794	42,794	42,794	42,794	42,794	42,794	42,794
CP5-WRSF1	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263
P3 Pond	17,421	17,421	11,977	1,404	1,404	0	0	0	0	0	0	0	0	0	0	0
SP Pond	7,892	7,892	7,892	7,892	7,892	0	0	0	0	0	0	0	0	0	0	0
CP8 Dike	0	0	0	0	0	10,736	10,736	10,736	10,736	10,736	10,736	10,736	10,736	10,736	10,736	10,736
CP8 Pond	0	0	0	0	0	13,838	13,838	13,838	13,838	13,838	13,838	13,838	13,838	13,838	13,838	13,838
CP8 Pond-TSF	0	0	0	0	0	0	0	0	331,800	331,800	331,800	331,800	331,800	331,800	331,800	331,800
US-CP8 Channel-TSF	0	0	0	0	0	0	66,642	159,428	0	0	0	0	0	0	0	0
US-CP8 Pond-Natural	0	0	0	0	0	331,800	265,158	172,427	0	0	0	0	0	0	0	0
US-CP4-Pond-WRSF1	37,779	37,779	37,779	37,779	37,779	0	0	0	0	0	0	0	0	0	0	0
US-WRSF1-Natural	0	0	0	0	0	100,949	87,633	0	0	0	0	0	0	0	0	0
CP8 Channel	0	0	0	0	0	30,798	30,798	30,798	30,798	30,798	30,798	30,798	30,798	30,798	30,798	30,798
CP3 Berm	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462
CP3 Pond	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777
CP3-Natural	292,859	292,859	161,571	161,571	161,571	152,348	48,985	38,888	38,888	38,888	38,888	38,888	38,888	38,888	38,888	38,888
CP3-TSF	190,045	190,045	321,332	321,332	321,332	321,332	424,696	434,793	434,793	434,793	434,793	434,793	434,793	434,793	434,793	434,793
CP4 Berm	25,064	25,064	25,064	25,064	25,064	0	0	0	0	0	0	0	0	0	0	0
CP4 Pond	19,755	19,755	19,755	19,755	19,755	0	0	0	0	0	0	0	0	0	0	0
CP4-Natural	83,594	76,104	76,104	76,104	76,104	0	0	0	0	0	0	0	0	0	0	0
CP4-WRSF1	117,916	117,916	117,916	117,916	117,916	0	0	0	0	0	0	0	0	0	0	0
A8-West-Mid-Water-Dewatered	0	0	0	0	0	306,870	306,870	306,870	306,870	306,870	306,870	306,870	306,870	306,870	306,870	306,870
A8-West-Natural	1,230,767	1,218,820	1,194,708	1,189,092	1,267,648	0	0	0	0	0	0	0	0	0	0	0
A8-West-Northberm-Natural	0	0	0	0	0	264,085	195,400	195,400	195,400	195,400	195,400	195,400	195,400	195,400	195,400	195,400
A8-West-Northberm-Natural-Dewatered	0	0	0	0	0	174,322	174,322	174,322	174,322	174,322	174,322	174,322	174,322	174,322	174,322	174,322
A8-West-Water	735,088	735,088	735,088	735,088	0	0	0	0	0	0	0	0	0	0	0	0
A8-West-Water-Dewatered	0	0	0	0	735,088	0	0	0	0	0	0	0	0	0	0	0
A8-West-South-Natural	0	0	0	0	0	126,368	126,368	126,368	126,368	83,834	83,834	83,834	83,834	83,834	83,834	83,834
A8-West-South-Water-Dewatered	0	0	0	0	0	186,397	186,397	186,397	186,397	102,438	102,438	0	102,438	102,438	102,438	102,438
B5-Between Berms-Dewatered	0	0	0	0	0	233,584	233,584	233,584	233,584	233,584	233,584	233,584	233,584	233,584	109,722	109,722
B5-Natural	1,480,036	1,476,024	1,476,024	1,461,955	1,416,528	525,180	525,180	525,180	525,180	525,180	525,180	525,180	525,180	525,180	525,180	525,180
B5-South-Between Berms	0	0	0	0	0	371,279	314,214	306,061	306,061	306,061	306,061	306,061	306,061	306,061	38,956	38,956
B5-South-Dewatered	0	0	0	0	0	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764
B5-South-Natural	0	0	0	0	0	398,596	366,105	366,105	366,105	366,105	366,105	12,196	409,961	366,105	366,227	366,227
B5-Water-Dewatered	0	0	0	0	0	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039
B6-Natural	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132
B5-South-Dewatered	0	0	0	0	0	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764
B5-South-Natural	0	0	0	0	0	398,596	366,105	366,105	366,105	366,105	366,105	12,196	409,961	366,105	366,227	366,227
B5-Water-Dewatered	0	0	0	0	0	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039
B6-Natural	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132
D-B5-North	0	0	0	0	0	20,234	20,234	20,234	20,234	20,234	20,234	20,234	20,234	20,234	20,234	20,234
D-CP7-North	3,536	3,536	3,536	3,536	3,536	3,536	3,536	3,536	3,536	0	0	3,536	3,536	3,536	3,536	3,536
D-CP7-West	0	0	0	0	11,202	11,202	11,202	11,202	11,202	11,202	11,202	11,202	11,202	11,202	11,202	11,202
Lake B34	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733
Lake B5	567,382	567,382	567,382	567,382	567,382	0	0	0	0	0	0	0	0	0	0	0
Lake B6	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001
Lake J6	7,996	7,996	7,996	7,996	7,996	0	0	0	0	0	0	0	0	0	0	0
Lake J7	35,079	35,079	35,079	35,079	35,079	0	0	0	0	0	0	0	0	0	0	0
Orepad-WES03	0	0	0	0	0	68,545	68,545	68,545	68,545	68,545	68,545	68,545	68,545	68,545	68,545	68,545
CP7-Contact Water	578,819	578,819	578,819	578,819	578,819	578,818	578,818	578,818	578,818	578,818	578,818	578,818	578,818	578,819	578,819	578,819
CP7-Natural	1,099,516	1,099,516	1,099,516	1,099,516	1,099,516	600,722	600,722	600,722	600,722	600,722	600,722	600,722	600,722	600,722	600,722	600,722
CP7-Natural-Disturbed	38,561	38,561	38,561	38,561	38,561	0	0	0	0	0	0	0	0	0	0	0
CP7-WRSF1	0	0	0	0	0	313,740	313,740	313,740	313,740	313,740	313,740	313,740	313,740	313,740	313,740	313,740
TIR-01-Natural	83,483	83,483	31,940	31,940	31,940	85,990	85,990	85,990	85,990	0	85,990	85,990	85,990	85,990	85,990	85,990
TIR-01-WRSF1	0	0	0	0	0	57,644	57,644	57,644	57,644	57,644	57,644	57,644	57,644	57,644	57,644	57,644
TIR02	0	0	0	0	0	0	83,148	83,148	83,148	0	0	0	0	0	0	0
TIR-03-Natural	0	0	0	0	0	0	0	37,687	37,687	37,687	37,687	37,687	37,687	37,687	37,687	37,687
TIR-03-WRSF1	0	0	0	0	0	15,553	15,553	15,553	15,553	15,553	15,553	15,553	15,553	15,553	15,553	15,553
TIRI01	0	0	246,592	266,384	266,384	266,384	266,384	266,384	266,384	266,384	266,384	266,384	266,384	266,384	266,384	266,384
TIRI01-East	52,475	52,475	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIRI01-West	95,009	118,459	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIRI02	83,148	83,148	83,148	83,148	83,148	83,148	0	0	0	0	0	0	0	0	0	0
TIRI03	0	0	0	0	0	0	0	58,098	58,098	58,098	58,098	58,098	58,098	58,098	55,732	55,732
TIRI04	0	0	0	0	0	0	0	0	0	244,801	244,801	244,801	244,801	244,801	244,801	244,801
US-CP8 Channel-TSF	0	0	0	0	0	0	66,642	159,428	0	0	0	0	0	0	0	0
US-CP8 Pond-Natural	0	0	0	0	0	331,800	265,158	172,427	0	0	0	0	0	0	0	0
US-CP4-Pond-WRSF1	37,779	37,779	37,779	37,779	37,779	0	0	0	0	0	0	0	0	0	0	0
US-WRSF1-Natural	0	0	0	0	0	100,949	87,633	0	0	0	0	0	0	0	0	0
WES01	0	0	0	0	0	0	171,574	171,574	171,574	171,574	171,574	171,574	171,574	171,574	171,574	171,574
WES02	0	0	0	0	0	341,431	341,431	341,431	341,431	341,431	341,431	341,431	341,431	341,431	341,431	341,431
WES02-Natural	0	0	0	0	0	334,034	334,034	334,034	334,034	368,336	282,346	282,346	282,346	282,346	282,346	282,346
WES03	0	0	0	0	0	152,557	152,557	152,557	152,557	152,557	152,557	152,557	152,557	152,557	152,557	152,557
WES03-Natural	0	0	0	0	0	40,070	40,070	40,070	40,070	40,070	40,070	40,070	40,070	40,070	40,070	40,070
WES04	0	0	0	0	0	41,674	41,674	41,674	41,674	41,674	41,674	41,674	41,674	41,674	41,674	41,674
WN01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	232,520	232,520
WN-01-Natural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	160,850	160,850
CP2-Natural	0	110,857	84,148	84,148	84,148	70,921	70,921	70,921	70,921	70,921	70,921	70,921	70,921	70,921	70,921	70,921
CP2-Pond	0	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745
CP2-WRSF3	0	0	0	0	0	0	0	0	0	0	0	273,298	0	0	0	0
CP2-WRSF3-North	0	207,675	234,384	234,384	234,384	273,298	273,298	273,298	273,298	273,298	273,298	0	273,298	273,298	273,298	273,298
CP2-WRSF3-South	0	0	0	0	0	345,865	345,865	345,865	345,865	345,865	345,865	0	345,865	345,865	345,865	345,865
CP2-WRSF3-US-Natural	0	0	0	0	0	175,067	175,067	175,067	175,067	128,151	128,151	128,151	128,151	128,151	128,151	128,151
CP6 Pond	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769
CP6-Natural	210,547	145,729	136,791	128,261	128,261	169,124	169,124	169,124	169,124	122,757	122,757	122,757	122,757	122,757	122,757	122,757
CP6-WRSF3	243,425	308,915	317,852	326,462	326,462	286,025	286,025	286,025	286,025	286,025	286,025	286,025	286,025	286,025	286,025	286,025
Channel 13-SUMP-P5-Natural	0	0	0	0	0	22,389	22,389	22,389	22,389	22,389	22,389	22,389	22,389	22,389	22,389	22,389

Appendix A.2: Annual Catchment Areas

Water Balance Area	Catchment Area (m^2)															
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
DS-WRSF5-Natural	0	0	0	0	0	12,196	12,196	12,196	12,196	12,196	12,196	0	12,196	12,196	12,196	12,196
DS-WRSF6-North-Natural	0	0	0	0	0	4,936	4,936	4,936	4,936	4,936	4,936	4,936	4,936	4,936	4,936	4,936
Lake B36	79,550	79,550	79,550	79,550	0	0	0	0	0	0	0	0	0	0	0	0
Lake B37	8,522	8,522	8,522	8,522	8,522	0	0	0	0	0	0	0	0	0	0	0
Lake B38	33,007	33,007	33,007	33,007	0	0	0	0	0	0	0	0	0	0	0	0
Lake B38-Dewatered	0	0	0	0	24,985	24,985	24,985	24,985	13,091	13,091	13,091	13,091	13,091	13,091	13,091	13,091
Lake B38-Natural	0	0	0	0	104,493	96,395	96,395	96,395	0	0	0	0	0	0	0	0
Orepad-PUMP1	0	0	0	0	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,800
Pump Laydown	0	0	0	0	6,904	20,062	20,062	20,062	20,062	20,062	20,062	6,904	20,062	20,062	20,062	20,062
Pump Saline WRSF	0	0	0	0	0	63,704	63,704	63,704	63,704	63,704	63,704	63,704	63,704	63,704	63,704	63,704
PUMP1	0	0	0	0	35,961	83,532	83,532	83,532	83,532	83,532	83,532	83,532	83,532	83,532	83,532	83,532
PUMP1-Natural	0	0	0	0	440,376	291,738	291,738	291,738	291,738	291,738	291,738	291,738	291,738	375,270	375,270	375,270
PUMP1-WRSF6	0	0	0	0	60,001	28,990	28,990	28,990	28,990	28,990	28,990	28,990	28,990	28,990	28,990	28,990
PUMP2	0	0	0	0	20,520	60,932	60,932	60,932	60,932	59,683	59,683	59,683	59,683	59,683	59,683	59,683
PUMP2-Natural	0	0	0	0	61,270	16,846	16,846	16,846	16,846	16,846	16,846	16,846	16,846	16,846	16,846	16,846
PUMP3	0	0	0	0	0	0	0	0	75,002	75,002	75,002	75,002	75,002	75,002	75,002	75,002
PUMP3-Natural	0	0	0	0	0	0	0	0	73,935	73,935	73,935	73,935	73,935	162,028	73,935	73,935
PUMP4	0	0	0	0	0	0	0	0	0	82,199	82,199	82,199	82,199	82,199	82,199	82,199
PUMP4-Natural	0	0	0	0	0	0	0	0	0	45,554	45,554	45,554	45,554	45,554	45,554	45,554
SUMP-P1-Natural	0	0	0	0	0	25,764	25,764	25,764	25,764	25,764	25,764	25,764	25,764	25,764	25,764	25,764
SUMP-P1-WRSF6	0	0	0	0	68,464	134,343	134,343	134,343	134,343	134,343	134,343	134,343	134,343	134,343	134,343	134,343
SUMP-P2-Natural	0	0	0	0	0	40,667	40,667	40,667	40,667	40,667	40,667	40,667	40,667	40,667	40,667	40,667
WRSF5	0	0	0	0	0	0	0	0	0	0	0	75,989	0	0	0	0
WRSF5-North	0	0	0	0	0	75,989	75,989	75,989	75,989	75,989	75,989	0	75,989	75,989	75,989	75,989
WRSF5-South	0	0	0	0	0	152,841	152,841	152,841	152,841	152,841	152,841	0	152,841	152,841	152,841	152,841
B45-Natural	10,401,003	10,401,003	10,401,003	10,401,003	10,012,009	9,688,476	9,688,476	9,688,476	9,688,476	9,688,476	9,688,476	10,165,429	10,165,429	10,165,429	10,165,429	10,165,429
B59-Natural	0	0	0	0	327,842	0	0	0	0	0	0	0	0	0	0	0
Lake B45	473,938	473,938	473,938	473,938	473,938	473,938	473,938	473,938	473,938	473,938	473,938	473,938	473,938	473,938	473,938	473,938
Lake B46	450,281	450,281	450,281	450,281	450,281	450,281	450,281	450,281	450,281	450,281	450,281	0	0	0	0	0
Lake B59	48,939	48,939	48,939	48,939	48,939	48,939	48,939	48,939	48,939	48,939	48,939	48,939	48,939	48,939	48,939	48,939
Lake B60	9,752	9,752	9,752	9,752	9,752	9,752	9,752	9,752	9,752	9,752	9,752	9,752	9,752	9,752	9,752	9,752
Lake B61	11,589	11,589	11,589	11,589	11,589	11,589	11,589	11,589	11,589	11,589	11,589	11,589	11,589	11,589	11,589	11,589
Lake B62	17,909	17,909	17,909	17,909	17,909	17,909	17,909	17,909	17,909	17,909	17,909	17,909	17,909	17,909	17,909	17,909
Lake B64	26,671	26,671	26,671	26,671	26,671	26,671	26,671	26,671	26,671	26,671	26,671	0	0	0	0	0
SUMP-P2-WRSF6	0	0	0	0	11,293	63,222	63,222	63,222	63,222	63,222	63,222	63,222	63,222	63,222	63,222	63,222
SUMP-P5-Natural-B59-Natural	0	0	0	0	0	317,728	317,728	317,728	277,198	277,198	277,198	277,198	277,198	277,198	277,198	277,198
SUMP-P5-WRSF6	0	0	0	0	0	138,761	138,761	138,761	138,761	138,761	138,761	138,761	138,761	138,761	138,761	138,761
A1-Natural	2,453,108	2,453,108	2,453,108	2,453,108	2,453,108	2,453,108	2,453,108	2,453,108	2,453,108	2,453,108	1,365,350	1,365,350	1,248,896	1,118,769	1,118,769	1,118,769
A22-Natural	0	0	0	0	0	0	0	0	0	0	520,213	520,213	520,213	520,213	520,213	520,213
A52 - FZone Facilities	0	0	0	0	0	0	0	0	0	0	24,971	24,971	24,971	24,971	24,971	24,971
A52 - Ore Pad UG	0	0	0	0	0	0	0	0	0	0	700	700	700	700	700	700
A52 - UG WRSF	0	0	0	0	0	0	0	0	0	0	49,823	49,823	49,823	49,823	49,823	49,823
A52-Natural	418,009	418,009	418,009	418,009	418,009	418,009	418,009	418,009	418,009	418,009	99,744	99,744	70,344	70,344	70,344	70,344
A6 - FZone Facilities	0	0	0	0	0	0	0	0	0	0	24,696	24,696	24,696	24,696	24,696	24,696
A6-Natural	2,399,466	2,399,466	2,399,466	2,399,466	2,399,961	2,399,466	2,399,466	2,399,466	2,399,466	2,399,466	2,210,945	2,210,945	2,096,148	2,096,148	2,096,148	2,096,148
A6-Water	553,618	553,618	553,618	553,618	553,618	553,618	553,618	553,618	553,618	553,618	0	0	0	0	0	0
A6-Water-Dewatered	0	0	0	0	0	0	0	0	0	0	473,924	473,924	473,924	473,924	473,924	473,924
FZone Ore Pad OP	0	0	0	0	0	0	0	0	0	0	37,522	37,522	37,522	37,522	37,522	37,522
FZONE1	0	0	0	0	0	0	0	0	0	0	152,451	152,451	152,451	152,451	152,451	152,451
FZone1 - FZone Facilities	0	0	0	0	0	0	0	0	0	0	63,284	63,284	63,284	63,284	63,284	63,284
FZONE1-Natural	0	0	0	0	0	0	0	0	0	0	145,884	140,837	140,837	145,884	145,884	145,884
FZONE2	0	0	0	0	0	0	0	0	0	0	0	0	91,984	91,984	91,984	91,984
FZONE2-A19-Natural	0	0	0	0	0	0	0	0	0	0	0	0	28,690	28,690	28,690	28,690
FZONE2-Natural	0	0	0	0	0	0	0	0	0	0	0	0	770	12,491	12,491	12,491
FZONE2-US-A3-Natural	0	0	0	0	0	0	0	0	0	0	0	0	12,759	12,759	12,759	12,759
FZONE3	0	0	0	0	0	0	0	0	0	0	0	0	0	114,686	114,686	114,686
FZone3 - Fuel Farm	0	0	0	0	0	0	0	0	0	0	8,675	8,675	8,675	8,675	8,675	8,675
FZone3 - UG WRSF	0	0	0	0	0	0	0	0	0	0	13,195	13,195	13,195	13,195	13,195	13,195
FZone3 Ore Pad UG	0	0	0	0	0	0	0	0	0	0	40,539	40,539	40,539	40,539	40,539	40,539
FZONE3-Natural	0	0	0	0	0	0	0	0	0	0	0	0	0	15,430	15,430	15,430
Lake A52	70,697	70,697	70,697	70,697	70,697	70,697	70,697	70,697	70,697	70,697	70,697	70,697	70,697	70,697	70,697	70,697
Lake A7	23,781	23,781	23,781	23,781	23,781	23,781	23,781	23,781	23,781	23,781	23,781	23,781	23,781	23,781	23,781	23,781
SUMPF1-WRSF7	0	0	0	0	0	0	0	0	0	0	0	229,325	229,325	229,325	229,325	229,325
SumpF2 - FZone Facilities	0	0	0	0	0	0	0	0	0	0	25,379	25,379	25,379	25,379	25,379	25,379
SUMPF2-Natural	0	0	0	0	0	0	0	0	0	0	0	96,789	96,595	96,595	96,595	96,595
SUMPF2-WRSF7	0	0	0	0	0	0	0	0	0	0	0	18,007	18,007	18,007	18,007	18,007
US-A52-Natural	0	0	0	0	0	0	0	0	0	0	208,947	0	0	0	0	0
US-Lake-B38-WRSF6	0	0	0	0	0	8,088	8,088	8,088	8,088	8,088	8,088	8,088	8,088	8,088	8,088	8,088
WRSF7	0	0	0	0	0	0	0	0	0	0	0	207,702	207,702	207,702	0	0
WRSF7 - Fuel Farm	0	0	0	0	0	0	0	0	0	0	11,496	11,496	11,496	11,496	0	0
WRSF7-FZone-Fuel Farm	0	0	0	0	0	0	0	0	11,496	11,496	11,496	11,496	11,496	11,496	11,496	11,496
WRSF7-North	0	0	0	0	0	0	0	0	207,702	207,702	207,702	207,702	207,702	207,702	207,702	207,702
CPD2-Natural	0	0	0	0	0	0	0	1,830,915	1,830,915	1,830,915	1,830,915	1,830,915	1,830,915	1,830,915	1,830,915	1,830,915
Discovery Pit	0	0	0	0	0	0	0	0	284,532	284,532	284,532	284,532	284,532	284,532	284,532	284,532
DiscoveryPit-Natural	0	0	0	0	0	0	0	0	367,990	367,990	367,990	367,990	367,990	367,990	367,990	367,990
DISC-WRSF9-Natural	0	0	0	0	0	0	0	0	163,094	163,094	163,094	163,094	163,094	163,094	163,094	163,094
Lake W1	0	0	0	0	0	0	0	0	139,324	139,324	139,324	139,324	139,324	139,324	139,324	139,324
W1-Natural	0	0	0	0	0	0	0	0	1,096,211	1,096,211	1,096,211	1,096,211	1,096,211	1,096,211	1,096,211	1,096,211
WRSF9	0	0	0	0	0	0	0	0	605,463	605,463	605,463	605,463	605,463	605,463	605,463	605,463
B2-Natural	0	0	0	0	2,082,178	2,082,178	2,082,178	2,082,178	2,082,178	2,082,178	2,082,178	2,082,178	2,082,178	2,082,178	2,082,178	2,082,178
B4-Natural	2,008,528	2,008,528	2,008,528	2,008,528	1,285,399	1,170,681	1,170,681	1,170,681	1,170,681	1,170,681	1,170,681	1,170,681	1,170,681	1,170,681	1,170,681	1,170,681
Lake B4	863,377	863,377	863,377	863,377	863,377	863,377	863,377	863,377	863,377	863,377	863,377	863,377	863,377	863,377	863,377	863,377
E3-Natural_LAKE_INC	2,140,142	2,140,142	2,140,142	2,140,142	2,140,142	2,140,196	2,140,196	2,140,196	2,140,196	2,140,196	2,140,196	2,140,196	2,140,196	2,140,196	2,140,196	2,140,196
D7	2,687,941	2,687,941	2,687,941	2,687,941	2,687,941	2,687,941	2,687,941	2,687,941	2,687,941	2,687,941	2,687,941	2,687,941	2,687,941	2,687,941	2,687,941	2,687,941
G2_Natural_LAKE_INC	449,103	449,103	449,103	449,103	449,103	449,135	449,135	449,135	449,135	449,135	449,135	449,135	449,135	449,135	449,135	449,135
J1-Natural	1,158,522	1,151,321	1,151,321	1,151,321	1,151,321	468,521	468,521	468,521	468,521	468,521	468,521	468,521	468,521	468,521	468,521	468,521
Lake J1	171,620	171,620	171,620	171,620	171,620	171,620	171,620	171,620	171,620	171,620	171,620	171,620	171,620	171,620	171,620	171,620
Lake J2	13,530	13,530	13,530	13,530	13,530	0	0	0	0	0	0	0	0	0	0	0
Lake J3	14,735	14,735	14,735	14,735	14,735	0	0	0	0	0	0	0	0	0	0	0

Appendix B: Annual Water Management Flow Diagrams





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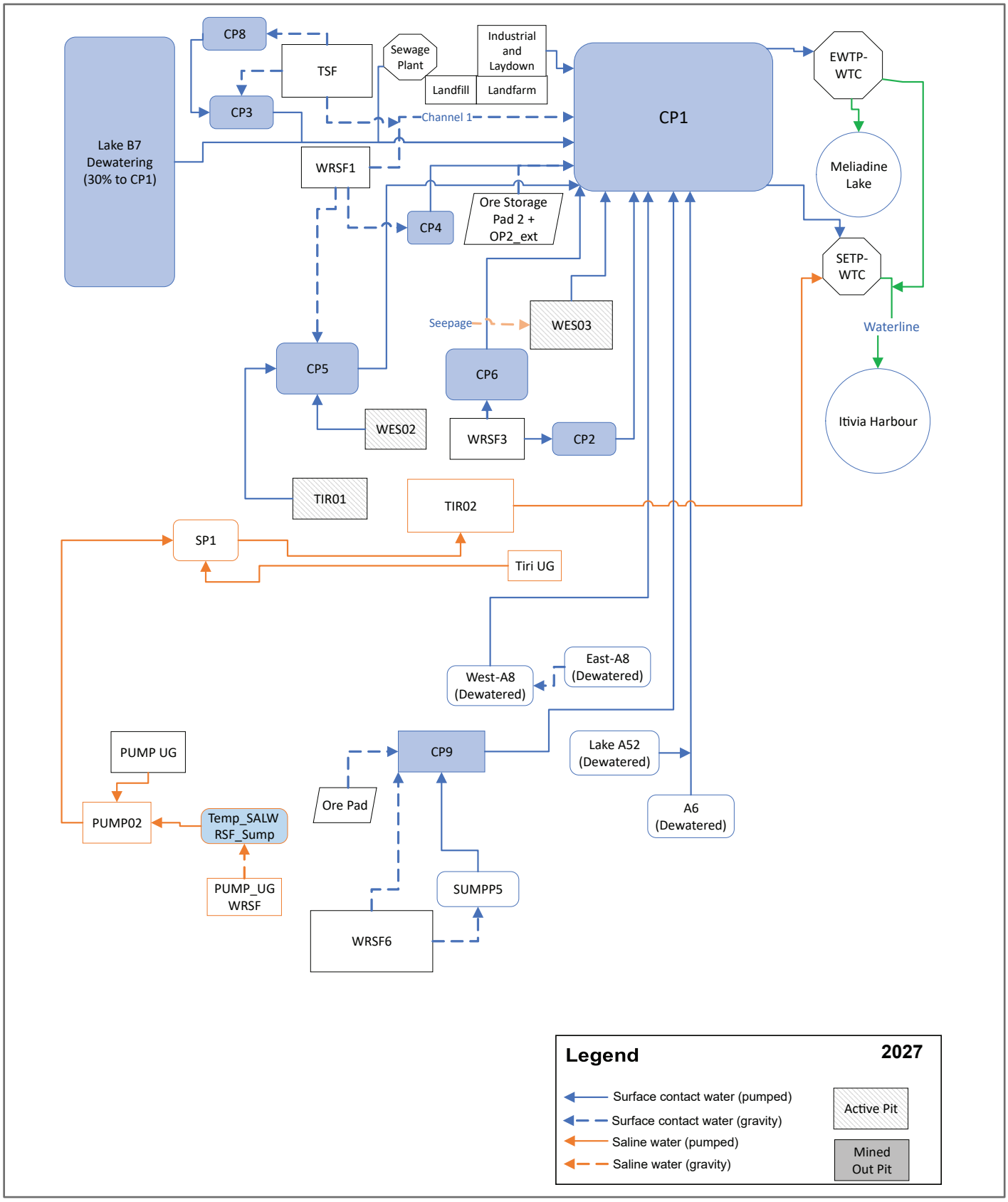
PROJECT: **Meliadine Mine: 2026 Operational Update**

TITLE: Water Management Flow Diagram - 2026

PROJECT #: A667-5

FIGURE: B1.1

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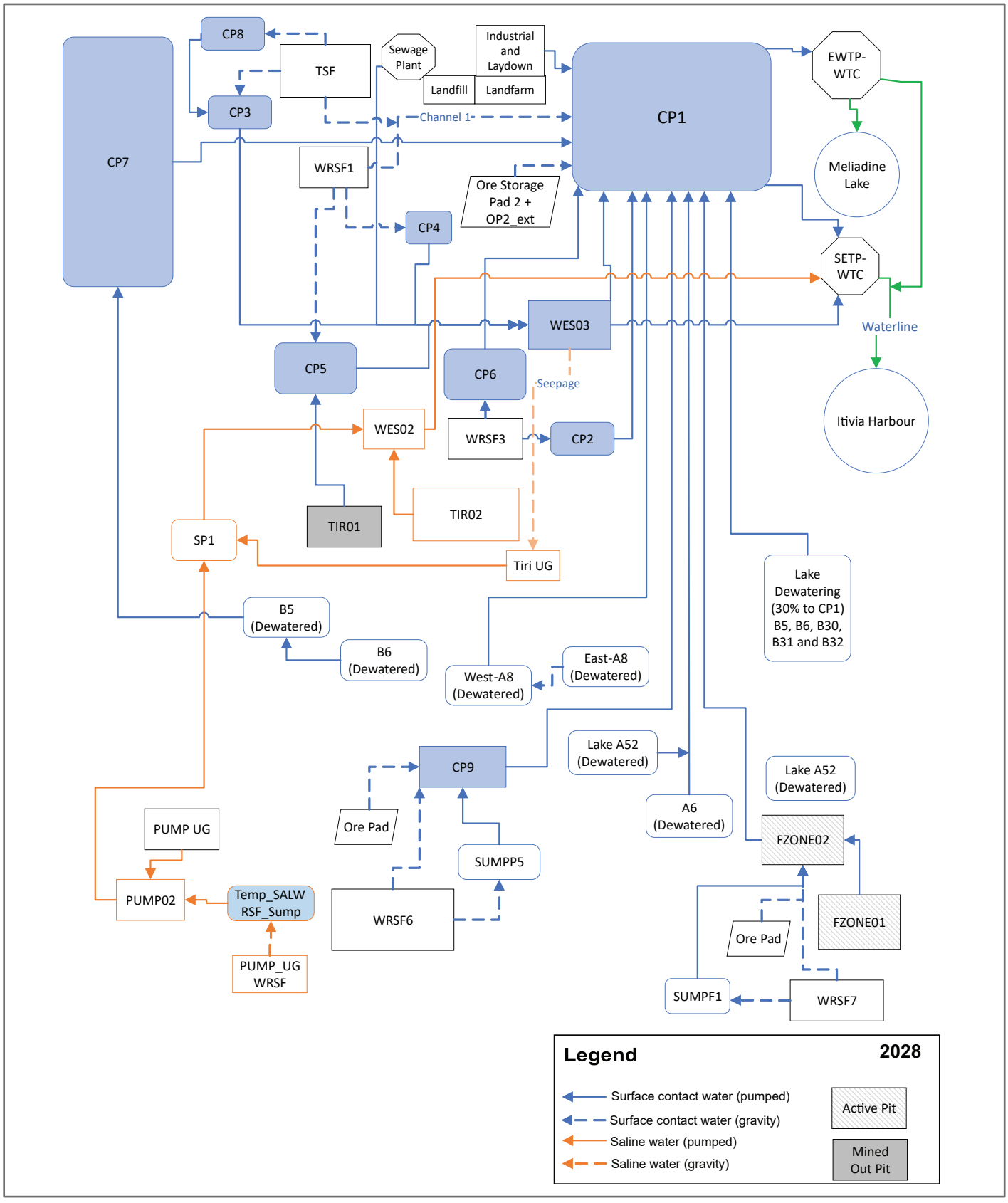
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TITLE: Water Management Flow Diagram - 2027

PROJECT #: A667-5

FIGURE: B1.2

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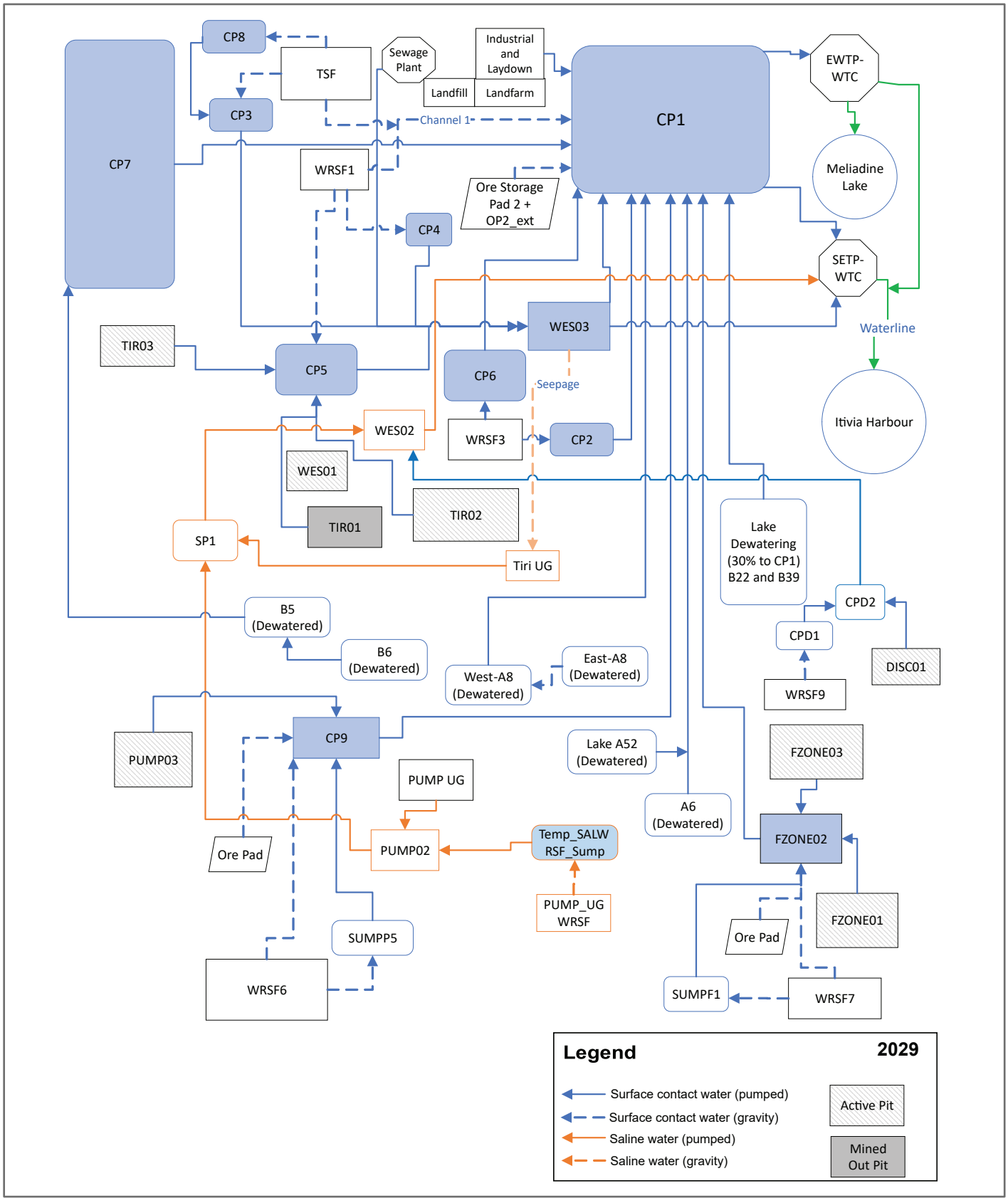
PROJECT: **Meliadine Mine: 2026 Operational Update**

TITLE: Water Management Flow Diagram - 2028

PROJECT #: A667-5

FIGURE: B1.3

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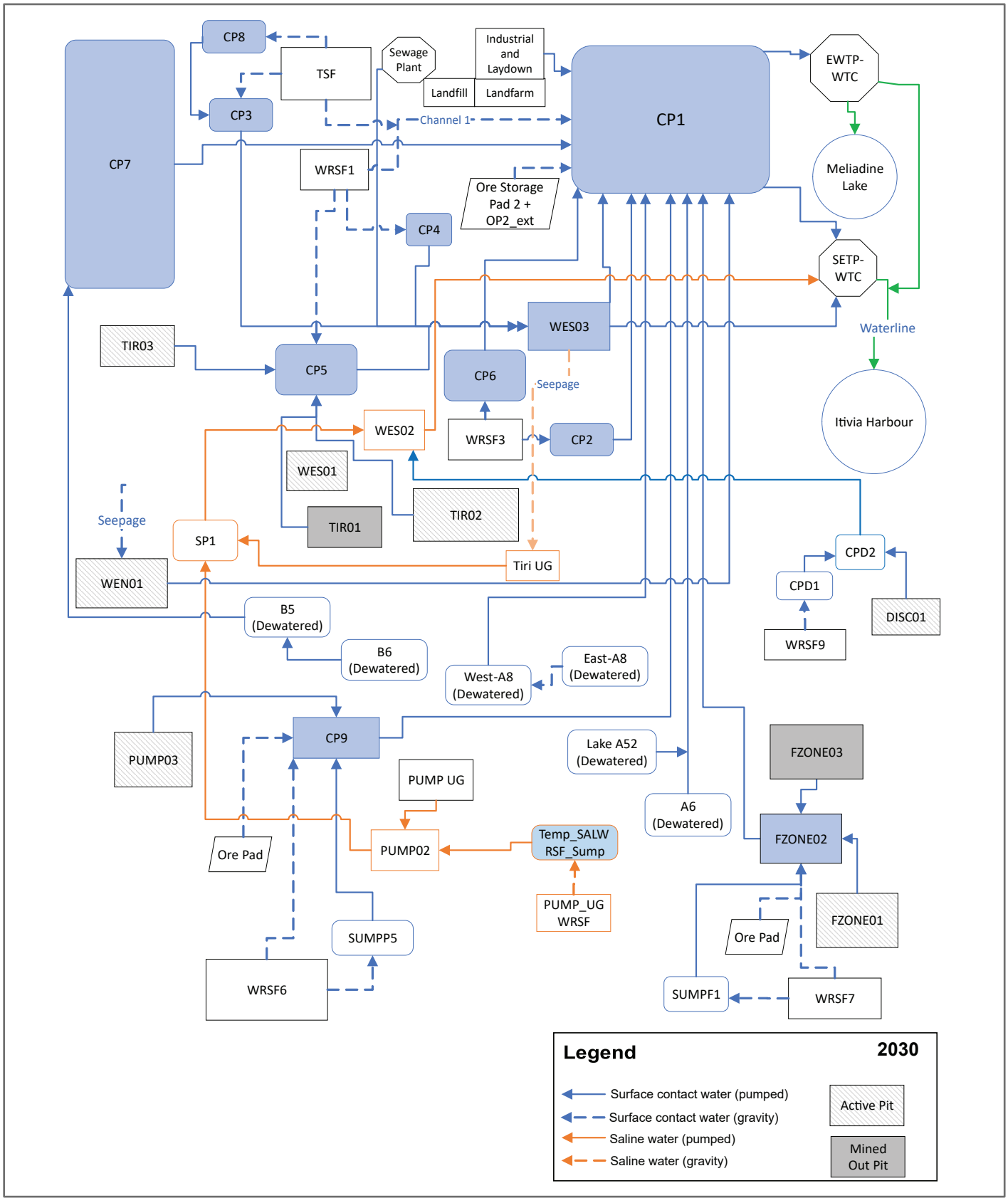
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TITLE: Water Management Flow Diagram - 2029

PROJECT #: A667-5

FIGURE: B1.4

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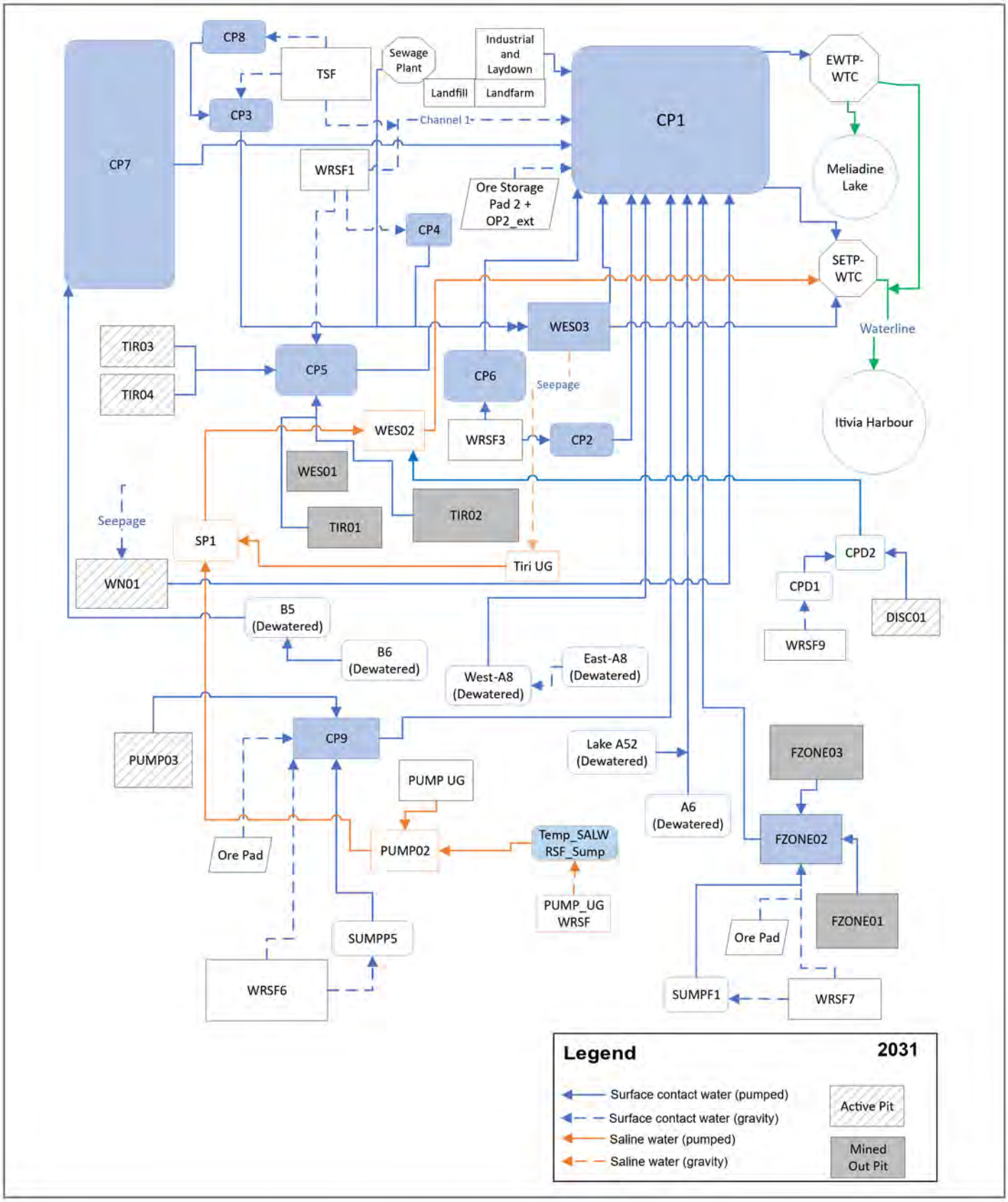
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TITLE: Water Management Flow Diagram - 2030

PROJECT #: A667-5

FIGURE: B1.5

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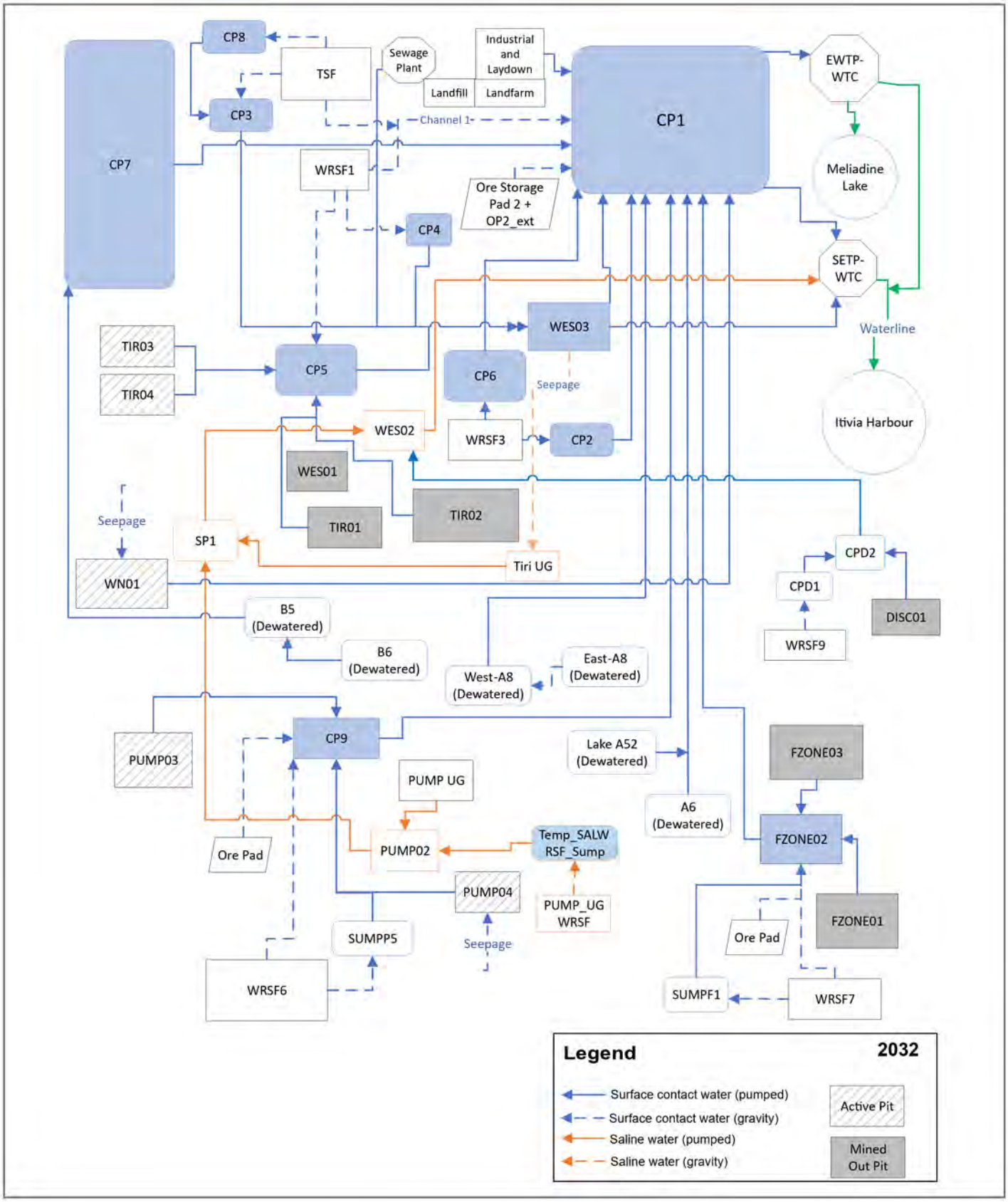
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TITLE: Water Management Flow Diagram - 2031

PROJECT #: A667-5

FIGURE: B1.6

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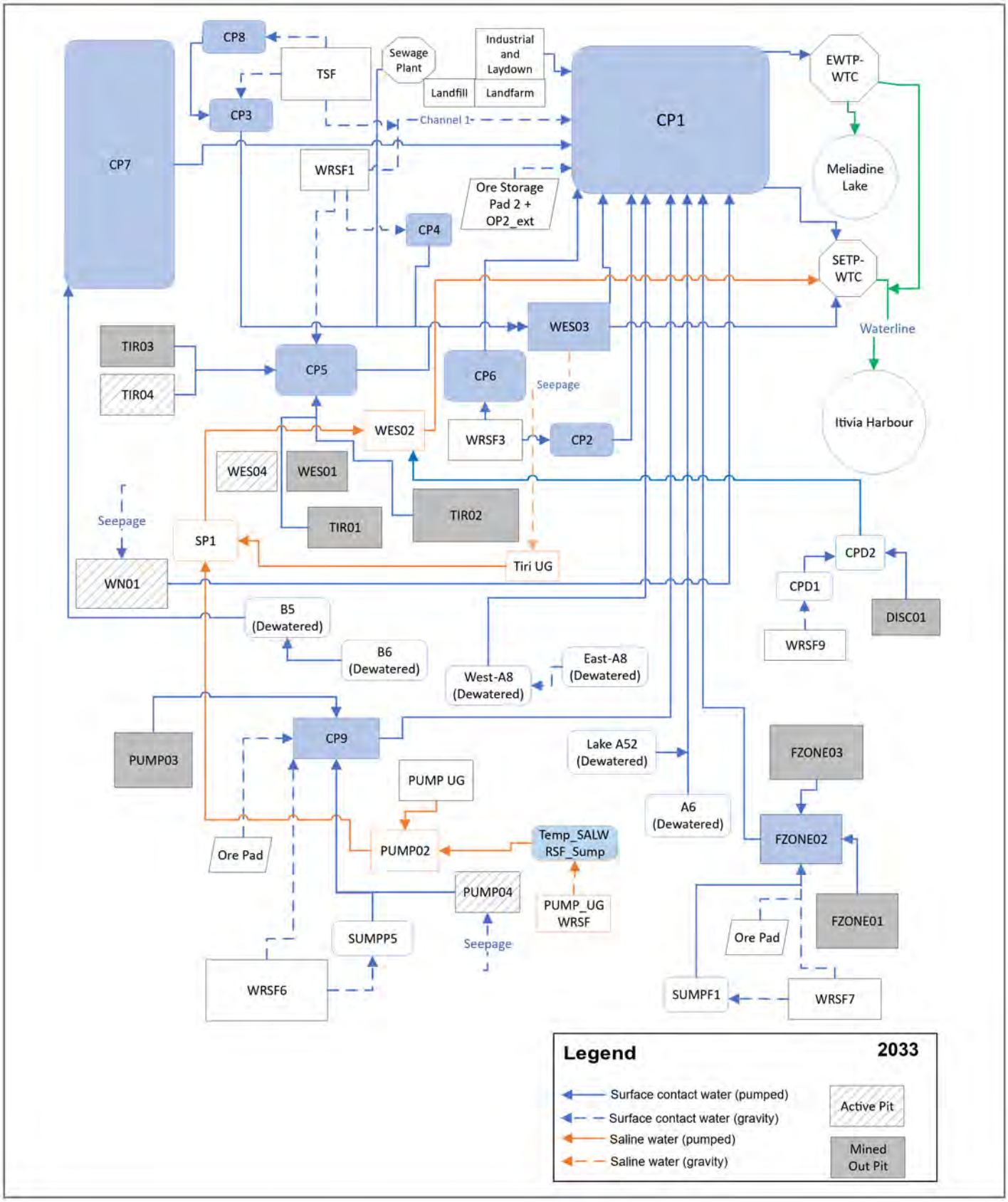
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TITLE: Water Management Flow Diagram - 2032

PROJECT #: A667-5

FIGURE: B1.7

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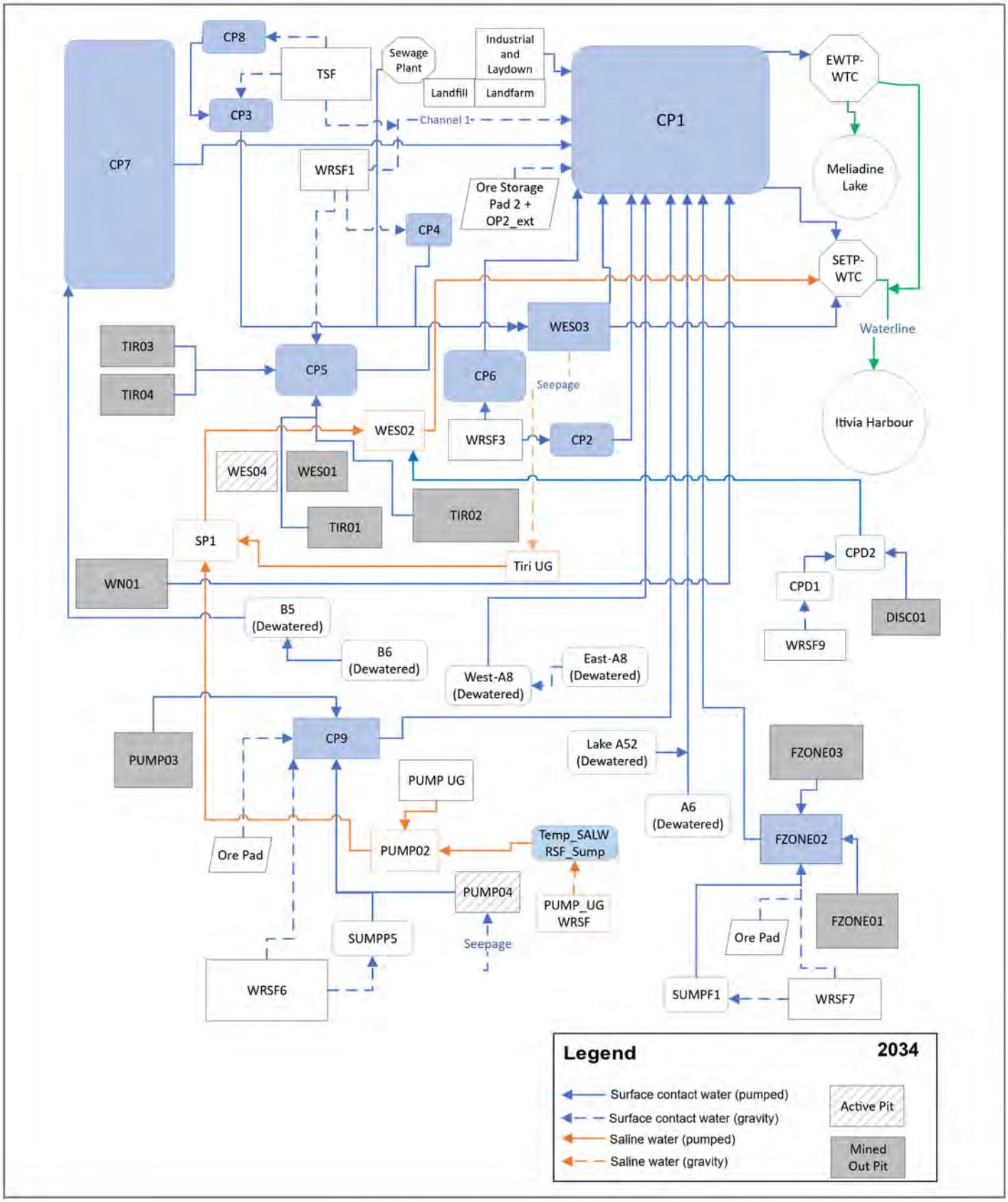
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TITLE: Water Management Flow Diagram - 2033

PROJECT #: A667-5

FIGURE: B1.8

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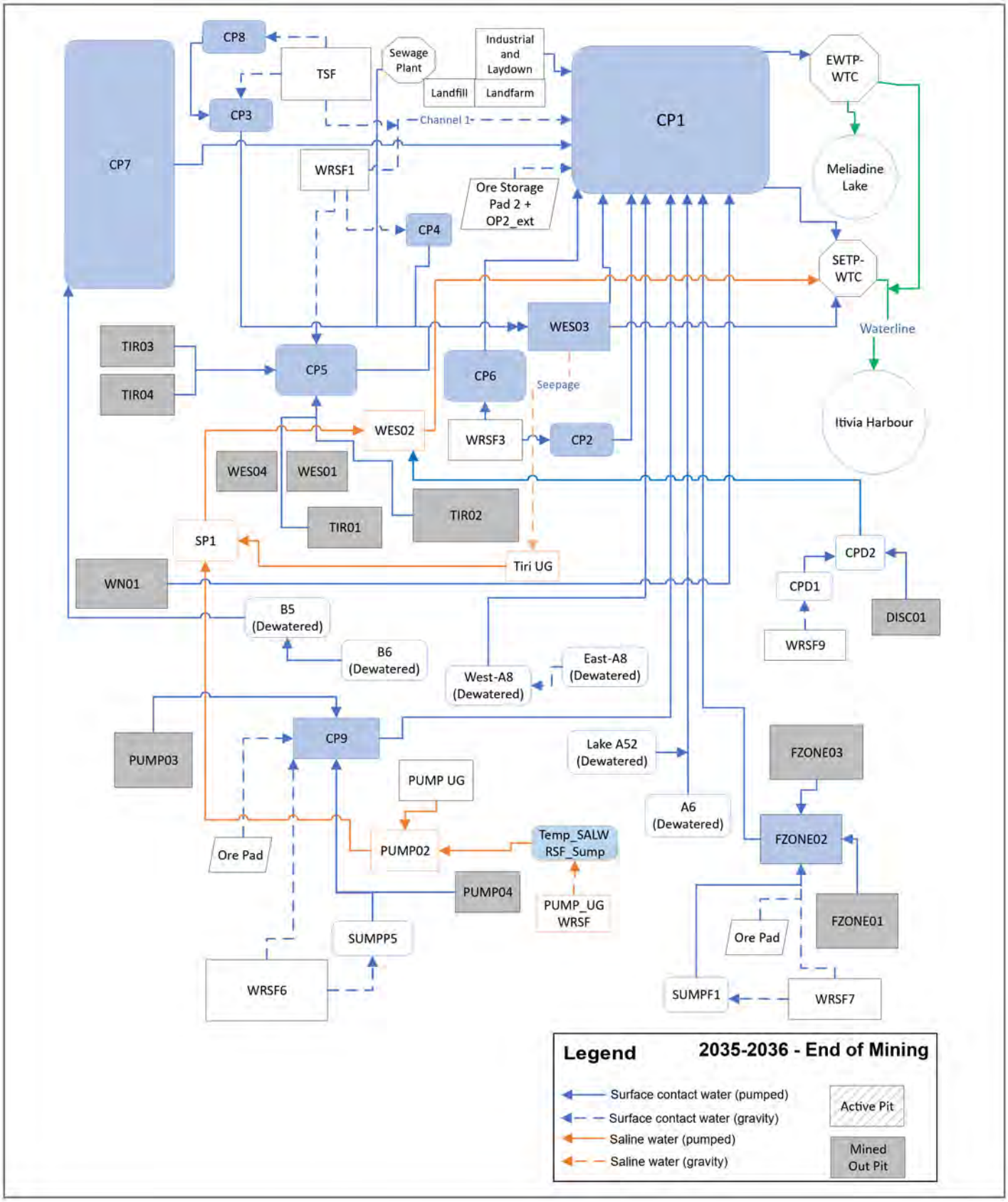
PROJECT: **Meliadine Mine: 2026 Operational Update**

TITLE: Water Management Flow Diagram - 2034

PROJECT #: A667-5

FIGURE: B1.9

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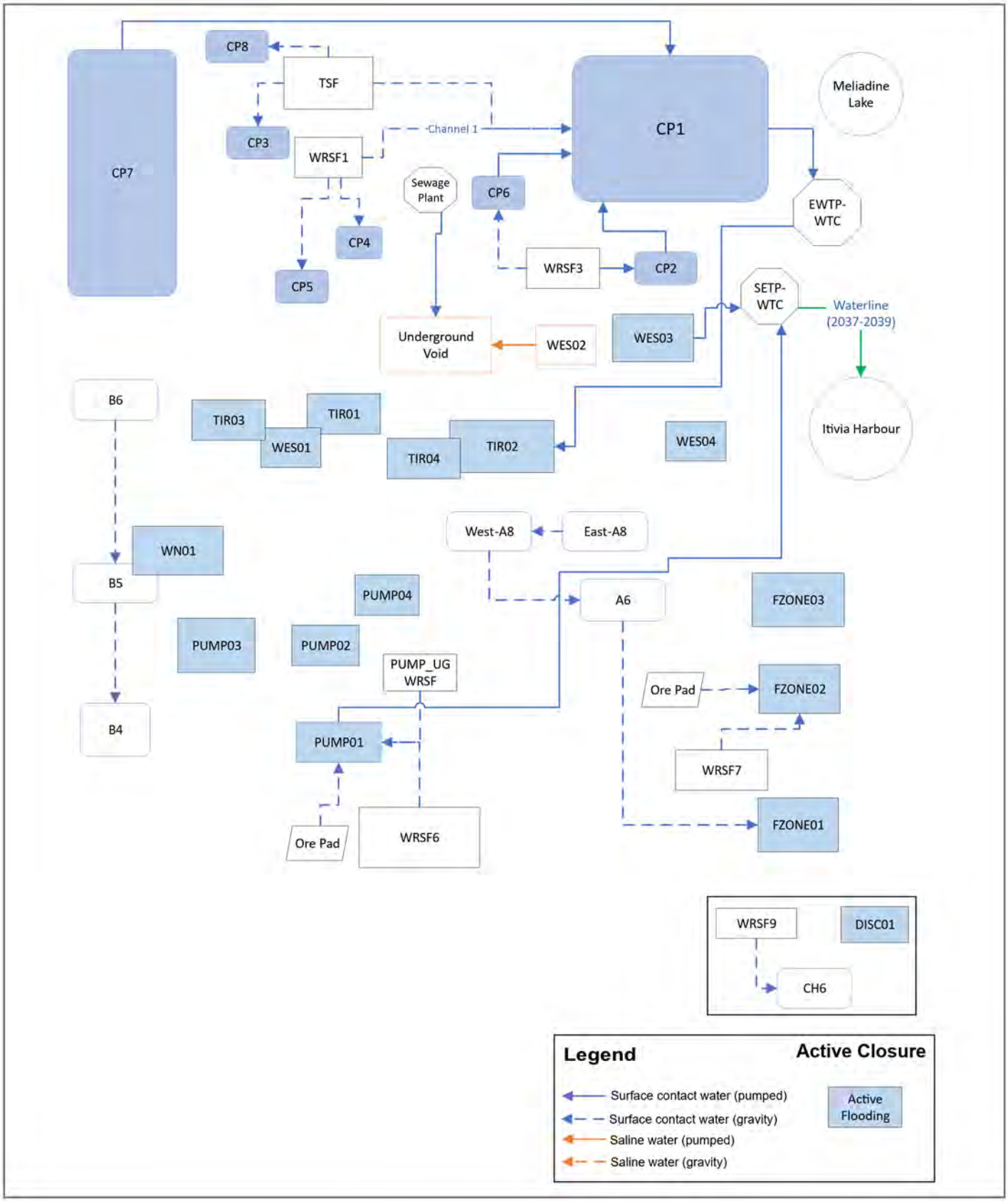
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TITLE: Water Management Flow Diagram - 2035-2036 EOM

PROJECT #: A667-5

FIGURE: B1.10

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PROJECT: **Meliadine Mine: 2026 Operational Update**

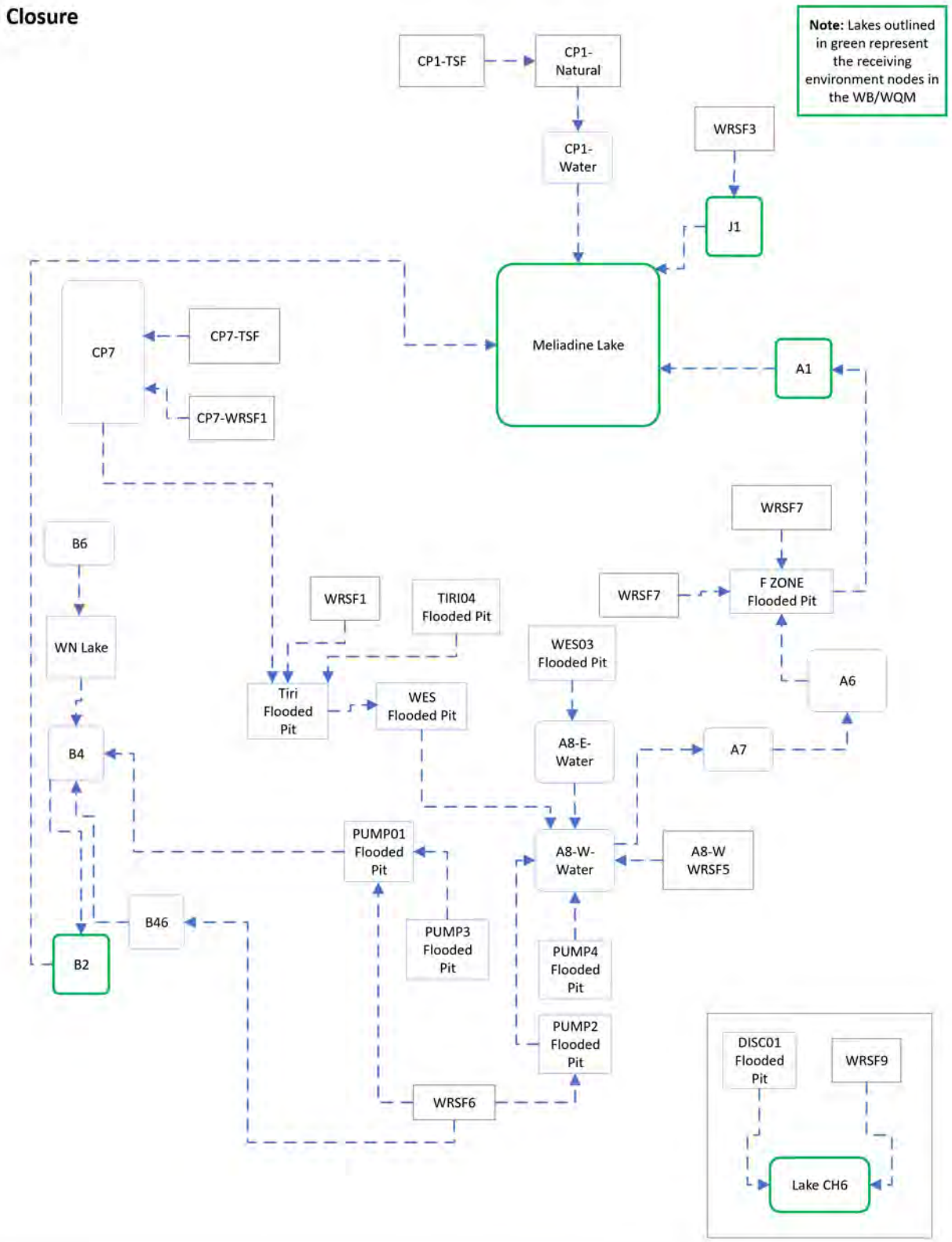
TITLE: Water Management Flow Diagram - Active Closure

PROJECT #: A667-5

FIGURE: B1.11

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Closure



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PROJECT: **Meliadine Mine: 2026 Operational Update**

TITLE: Water Management Flow Diagram - Closure

PROJECT #: A667-5

FIGURE: B1.12

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Appendix C: Water Quality Model Updates

APPENDIX C.1: SOURCE TERMS

APPENDIX C.2: VALIDATION RESULTS FOR CP3, CP4, CP6 AND TIRIGANIAQ UNDERGROUND

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C.1: SOURCE TERMS

Appendix C.1-1: STP

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2020 - 2036	74.2	0.098	47.8	0.028	0	0	0	0	0	0	0	0	0

Year	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2020 - 2036	0	0	0	0	0	0	0	0	0	0	0	0	0

Year	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2020 - 2036	0	0	6	0	0	0	0	0	0	0	0	0

Appendix C.1-2: Disturbed Area

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2020 - 2036	1090	0.676	0.997	0.0304	498	0.127	214	0.001	0.001	0.0000302	0.00972	0.00975	0.378

Year	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2020 - 2036	0.0857	0.000158	59	0.0000586	0.0038	0.002	0.00432	0.0197	0.00001	13.9	17.7	0.248	0.0194

Year	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2020 - 2036	327	0.0234	0.0784	0.00035	0.00278	0.000264	2	0.00001	0.00507	0.00798	0.00776	0.005

Appendix C.1-3: Mine Facilities

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2020-2036	1920	3.85	17.20	0.514	934	0.483	279	0.00100	0.00100	0.000017	0.0064	0.01140	0.395	0.0568	0.000017	76.8	0.000106	0.0050	0.00035
2037	1799	3.37	15.03	0.449	816	0.478	276	0.00099	0.00099	0.000017	0.0063	0.01129	0.391	0.0562	0.000017	76.1	0.000105	0.0049	0.00034
2038	1623	2.94	13.14	0.393	714	0.474	274	0.00098	0.00098	0.000017	0.0063	0.01118	0.387	0.0557	0.000017	75.3	0.000104	0.0049	0.00034
2039	1469	2.57	11.49	0.343	624	0.469	271	0.00097	0.00097	0.000017	0.0062	0.01107	0.384	0.0552	0.000017	74.6	0.000103	0.0048	0.00034
2040	1333	2.25	10.04	0.300	545	0.464	268	0.00096	0.00096	0.000017	0.0061	0.01096	0.380	0.0546	0.000017	73.9	0.000102	0.0048	0.00033
2041	1214	1.96	8.78	0.262	477	0.460	266	0.00095	0.00095	0.000016	0.0061	0.01086	0.376	0.0541	0.000016	73.1	0.000101	0.0047	0.00033
2042	1110	1.72	7.67	0.229	417	0.455	263	0.00094	0.00094	0.000016	0.0060	0.01075	0.372	0.0536	0.000016	72.4	0.000100	0.0047	0.00033
2043	1018	1.50	6.70	0.200	364	0.451	261	0.00093	0.00093	0.000016	0.0060	0.01064	0.369	0.0530	0.000016	71.7	0.000099	0.0047	0.00032
2044	938	1.31	5.86	0.175	318	0.447	258	0.00092	0.00092	0.000016	0.0059	0.01054	0.365	0.0525	0.000016	71.0	0.000098	0.0046	0.00032
2045	867	1.15	5.12	0.153	278	0.442	255	0.00092	0.00092	0.000016	0.0058	0.01044	0.362	0.0520	0.000016	70.3	0.000097	0.0046	0.00032
2046	805	1.00	4.48	0.134	243	0.438	253	0.00091	0.00091	0.000016	0.0058	0.01034	0.358	0.0515	0.000016	69.6	0.000096	0.0045	0.00031
2047	750	0.88	3.91	0.117	213	0.434	251	0.00090	0.00090	0.000015	0.0057	0.01024	0.355	0.0510	0.000015	69.0	0.000095	0.0045	0.00031
2048	701	0.77	3.42	0.102	186	0.429	248	0.00089	0.00089	0.000015	0.0057	0.01014	0.351	0.0505	0.000015	68.3	0.000094	0.0044	0.00031
2049	659	0.67	2.99	0.089	162	0.425	246	0.00088	0.00088	0.000015	0.0056	0.01004	0.348	0.0500	0.000015	67.6	0.000093	0.0044	0.00030
2050	621	0.58	2.61	0.078	142	0.421	243	0.00087	0.00087	0.000015	0.0056	0.00994	0.344	0.0495	0.000015	67.0	0.000092	0.0043	0.00030
2051	587	0.51	2.28	0.068	124	0.417	241	0.00086	0.00086	0.000015	0.0055	0.00984	0.341	0.0490	0.000015	66.3	0.000092	0.0043	0.00030
2052	558	0.45	2.00	0.060	108	0.413	239	0.00086	0.00086	0.000015	0.0055	0.00975	0.338	0.0486	0.000015	65.7	0.000091	0.0043	0.00029
2053	531	0.39	1.75	0.052	95	0.409	236	0.00085	0.00085	0.000015	0.0054	0.00965	0.334	0.0481	0.000015	65.0	0.000090	0.0042	0.00029
2054	508	0.34	1.53	0.046	83	0.405	234	0.00084	0.00084	0.000014	0.0053	0.00956	0.331	0.0476	0.000014	64.4	0.000089	0.0042	0.00029
2055	487	0.30	1.33	0.040	72	0.401	232	0.00083	0.00083	0.000014	0.0053	0.00947	0.328	0.0472	0.000014	63.8	0.000088	0.0041	0.00029
2056	469	0.26	1.17	0.035	63	0.397	229	0.00082	0.00082	0.000014	0.0052	0.00937	0.325	0.0467	0.000014	63.1	0.000087	0.0041	0.00028
2057	452	0.23	1.02	0.030	55	0.393	227	0.00081	0.00081	0.000014	0.0052	0.00928	0.322	0.0462	0.000014	62.5	0.000086	0.0041	0.00028
2058	437	0.20	0.89	0.027	48	0.389	225	0.00081	0.00081	0.000014	0.0051	0.00919	0.318	0.0458	0.000014	61.9	0.000085	0.0040	0.00028
2059	424	0.17	0.78	0.023	42	0.386	223	0.00080	0.00080	0.000014	0.0051	0.00910	0.315	0.0453	0.000014	61.3	0.000085	0.0040	0.00028
2060	412	0.15	0.68	0.020	37	0.382	221	0.00079	0.00079	0.000014	0.0050	0.00901	0.312	0.0449	0.000014	60.7	0.000084	0.0039	0.00027
2061	401	0.13	0.59	0.018	32	0.378	218	0.00078	0.00078	0.000013	0.0050	0.00893	0.309	0.0445	0.000013	60.1	0.000083	0.0039	0.00027
2062	391	0.12	0.52	0.016	28	0.374	216	0.00078	0.00078	0.000013	0.0049	0.00884	0.306	0.0440	0.000013	59.5	0.000082	0.0039	0.00027
2063	382	0.10	0.45	0.014	25	0.371	214	0.00077	0.00077	0.000013	0.0049	0.00875	0.303	0.0436	0.000013	59.0	0.000081	0.0038	0.00026
2064	373	0.0889	0.40	0.012	22	0.367	212	0.00076	0.00076	0.000013	0.0049	0.00867	0.300	0.0432	0.000013	58.4	0.000081	0.0038	0.00026
2065	366	0.0777	0.35	0.010	19	0.364	210	0.00075	0.00075	0.000013	0.0048	0.00858	0.297	0.0428	0.000013	57.8	0.000080	0.0037	0.00026
2066	359	0.0679	0.30	0.009	16	0.360	208	0.00075	0.00075	0.000013	0.0048	0.00850	0.294	0.0423	0.000013	57.3	0.000079	0.0037	0.00026
2067	352	0.0593	0.27	0.008	14	0.357	206	0.00074	0.00074	0.000013	0.0047	0.00842	0.292	0.0419	0.000013	56.7	0.000078	0.0037	0.00025
2068	346	0.0519	0.23	0.007	13	0.353	204	0.00073	0.00073	0.000013	0.0047	0.00833	0.289	0.0415	0.000013	56.1	0.000077	0.0036	0.00025
2069	341	0.0453	0.20	0.006	11	0.350	202	0.00072	0.00072	0.000012	0.0046	0.00825	0.286	0.0411	0.000012	55.6	0.000077	0.0036	0.00025
2070	336	0.0396	0.18	0.005	10	0.346	200	0.00072	0.00072	0.000012	0.0046	0.00817	0.283	0.0407	0.000012	55.1	0.000076	0.0036	0.00025
2071	331	0.0346	0.15	0.005	8	0.343	198	0.00071	0.00071	0.000012	0.0045	0.00809	0.280	0.0403	0.000012	54.5	0.000075	0.0035	0.00024
2072	326	0.0303	0.14	0.004	7	0.340	196	0.00070	0.00070	0.000012	0.0045	0.00801	0.278	0.0399	0.000012	54.0	0.000075	0.0035	0.00024
2073	322	0.0265	0.12	0.004	6	0.336	194	0.00070	0.00070	0.000012	0.0044	0.00794	0.275	0.0395	0.000012	53.5	0.000074	0.0035	0.00024
2074	318	0.0231	0.10	0.003	6	0.333	192	0.00069	0.00069	0.000012	0.0044	0.00786	0.272	0.0392	0.000012	52.9	0.000073	0.0034	0.00024
2075	314	0.0202	0.09	0.003	5	0.330	190	0.00068	0.00068	0.000012	0.0044	0.00778	0.270	0.0388	0.000012	52.4	0.000072	0.0034	0.00024
2076	310	0.0177	0.08	0.002	4	0.326	189	0.00068	0.00068	0.000012	0.0043	0.00771	0.267	0.0384	0.000012	51.9	0.000072	0.0034	0.00023
2077	306	0.0154	0.07	0.002	4	0.323	187	0.00067	0.00067	0.000012	0.0043	0.00763	0.264	0.0380	0.000012	51.4	0.000071	0.0033	0.00023
2078	303	0.0135	0.06	0.002	3	0.320	185	0.00066	0.00066	0.000011	0.0042	0.00756	0.262	0.0377	0.000011	50.9	0.000070	0.0033	0.00023
2079	300	0.0118	0.05	0.002	3	0.317	183	0.00066	0.00066	0.000011	0.0042	0.00748	0.259	0.0373	0.000011	50.4	0.000070	0.0033	0.00023
2080	296	0.0103	0.05	0.001	3	0.314	181	0.00065	0.00065	0.000011	0.0041	0.00741	0.257	0.0369	0.000011	49.9	0.000069	0.0032	0.00022
2081	293	0.0090	0.04	0.001	2	0.311	180	0.00064	0.00064	0.000011	0.0041	0.00734	0.254	0.0366	0.000011	49.4	0.000068	0.0032	0.00022
2082	290	0.0079	0.04	0.001	2	0.308	178	0.00064	0.00064	0.000011	0.0041	0.00727	0.252	0.0362	0.000011	49.0	0.000068	0.0032	0.00022
2083	287	0.0069	0.03	0.001	2	0.305	176	0.00063	0.00063	0.000011	0.0040	0.00720	0.249	0.0359	0.000011	48.5	0.000067	0.0031	0.00022
2084	284	0.0060	0.03	0.001	1	0.302	174	0.00063	0.00063	0.000011	0.0040	0.00713	0.247	0.0355	0.000011	48.0	0.000066	0.0031	0.00022
2085	282	0.0053	0.02	0.001	1	0.299	173	0.00062	0.00062	0.000011	0.0039	0.00706	0.244	0.0352	0.000011	47.5	0.000066	0.0031	0.00021
2086	279	0.0046	0.02	0.001	1	0.296	171	0.00061	0.00061	0.000011	0.0039	0.00699	0.242	0.0348	0.000011	47.1	0.000065	0.0031	0.00021
2087	276	0.0040	0.02	0.001	1	0.293	169	0.00061	0.00061	0.000010	0.0039	0.00692	0.240	0.0345	0.000010	46.6	0.000064	0.0030	0.00021
2088	274	0.0035	0.02	0.000	1	0.290	168	0.00060	0.00060	0.000010	0.0038	0.00685	0.237	0.0341	0.000010	46.2	0.000064	0.0030	0.00021
2089	271	0.0031	0.01	0.000	1	0.287	166	0.00060	0.00060	0.000010	0.0038	0.00679	0.235	0.0338	0.000010	45.7	0.000063	0.0030	0.00021
2090	268	0.0027	0.01	0.000	1	0.285	164	0.00059	0.00059	0.000010	0.0038	0.00672	0.233	0.0335	0.000010	45.3	0.000062	0.0029	0.00020
2091	266	0.0023	0.01	0.000	1	0.282	163	0.00058	0.00058	0.000010	0.0037	0.00665	0.231	0.0332	0.000010	44.8	0.000062	0.0029	0.00020
2092	264	0.0021	0.01	0.000	0	0.279	161	0.00058	0.00058	0.000010	0.0037	0.00659	0.228	0.0328	0.000010	44.4	0.000061	0.0029	0.00020
2093	261	0.0018	0.01	0.000	0	0.276	160	0.00057	0.00057	0.000010	0.0037	0.00652	0.226	0.0325	0.000010	44.0	0.000061	0.0029	0.00020
2094	259	0.0016	0.01	0.000	0	0.274	158	0.00057	0.00057	0.000010	0.0036	0.00646	0.224	0.0322	0.000010	43.5	0.000060	0.0028	0.00020
2095	256	0.0014	0.01	0.000	0	0.271	157	0.00056	0.00056	0.000010	0.0036	0.00640	0.222	0.0319	0.000010	43.1	0.000059	0.0028	0.00019
2096	254	0.0012	0.01	0.000	0	0.268	155	0.00056	0.00056	0.000010	0.0035	0.00634	0.220	0.0316	0.000010	42.7	0.000059	0.0028	0.00019
2097	252	0.0010	0.00	0.000	0	0.266	154	0.00055	0.00055	0.000009	0.0035	0.00627	0.217	0.0313	0.000009	42.3	0.000058	0.0027	0.00019
2098	250	0.0009	0.00	0.000	0	0.263	152	0.00055	0.00055	0.000009	0.0035	0.00621	0.215	0.0310	0.000009	41.9	0.000058	0.0027	0.00019
2099	247	0.0008	0.00	0.000	0	0.261	151	0.00054	0.00054	0.000009	0.0034	0.00615	0.213	0.0307	0.000009	41.4	0.000057	0.0027	0.00019

Appendix C.1-3: Mine Facilities

Year	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2020-2036	0.0027	0.0190	0.000010	30.1	23.0	0.934	0.0027	614.00	0.0185	0.1720	0.00011	0.00042	0.00032	5.50	0.00033	0.00377	0.00023	0.00535	0
2037	0.0027	0.0188	0.000010	29.8	22.8	0.925	0.0027	536.68	0.0183	0.1703	0.00011	0.00042	0.00032	5.45	0.00033	0.00373	0.00023	0.00530	0
2038	0.0027	0.0186	0.000010	29.5	22.6	0.916	0.0027	469.10	0.0181	0.1687	0.00011	0.00042	0.00032	5.39	0.00032	0.00370	0.00023	0.00525	0
2039	0.0027	0.0185	0.000010	29.2	22.3	0.907	0.0026	410.02	0.0180	0.1670	0.00011	0.00041	0.00031	5.34	0.00032	0.00366	0.00023	0.00520	0
2040	0.0026	0.0183	0.000010	28.9	22.1	0.898	0.0026	358.39	0.0178	0.1654	0.00010	0.00041	0.00031	5.29	0.00032	0.00363	0.00022	0.00514	0
2041	0.0026	0.0181	0.000010	28.7	21.9	0.889	0.0026	313.26	0.0176	0.1638	0.00010	0.00040	0.00031	5.24	0.00031	0.00359	0.00022	0.00509	0
2042	0.0026	0.0179	0.000009	28.4	21.7	0.881	0.0026	273.81	0.0174	0.1622	0.00010	0.00040	0.00030	5.19	0.00031	0.00355	0.00022	0.00504	0
2043	0.0026	0.0177	0.000009	28.1	21.5	0.872	0.0025	239.33	0.0173	0.1606	0.00010	0.00040	0.00030	5.14	0.00031	0.00352	0.00022	0.00500	0
2044	0.0025	0.0176	0.000009	27.8	21.3	0.864	0.0025	209.19	0.0171	0.1590	0.00010	0.00039	0.00030	5.09	0.00030	0.00349	0.00021	0.00495	0
2045	0.0025	0.0174	0.000009	27.6	21.1	0.855	0.0025	182.85	0.0169	0.1575	0.00010	0.00039	0.00029	5.04	0.00030	0.00345	0.00021	0.00490	0
2046	0.0025	0.0172	0.000009	27.3	20.9	0.847	0.0025	159.82	0.0168	0.1560	0.00010	0.00038	0.00029	4.99	0.00030	0.00342	0.00021	0.00485	0
2047	0.0025	0.0171	0.000009	27.0	20.7	0.839	0.0024	139.70	0.0166	0.1544	0.00010	0.00038	0.00029	4.94	0.00030	0.00339	0.00021	0.00480	0
2048	0.0024	0.0169	0.000009	26.8	20.5	0.830	0.0024	122.10	0.0164	0.1529	0.00010	0.00038	0.00029	4.89	0.00029	0.00335	0.00021	0.00476	0
2049	0.0024	0.0167	0.000009	26.5	20.3	0.822	0.0024	106.73	0.0163	0.1514	0.00010	0.00037	0.00028	4.84	0.00029	0.00332	0.00020	0.00471	0
2050	0.0024	0.0166	0.000009	26.2	20.1	0.814	0.0024	93.29	0.0161	0.1500	0.00010	0.00037	0.00028	4.80	0.00029	0.00329	0.00020	0.00466	0
2051	0.0024	0.0164	0.000009	26.0	19.9	0.806	0.0023	81.54	0.0160	0.1485	0.00009	0.00037	0.00028	4.75	0.00028	0.00326	0.00020	0.00462	0
2052	0.0023	0.0162	0.000009	25.7	19.7	0.799	0.0023	71.27	0.0158	0.1471	0.00009	0.00036	0.00028	4.70	0.00028	0.00322	0.00020	0.00457	0
2053	0.0023	0.0161	0.000008	25.5	19.5	0.791	0.0023	62.30	0.0157	0.1456	0.00009	0.00036	0.00027	4.66	0.00028	0.00319	0.00020	0.00453	0
2054	0.0023	0.0159	0.000008	25.2	19.3	0.783	0.0023	54.45	0.0155	0.1442	0.00009	0.00036	0.00027	4.61	0.00028	0.00316	0.00019	0.00449	0
2055	0.0023	0.0158	0.000008	25.0	19.1	0.775	0.0023	47.59	0.0154	0.1428	0.00009	0.00035	0.00027	4.57	0.00027	0.00313	0.00019	0.00444	0
2056	0.0023	0.0156	0.000008	24.7	18.9	0.768	0.0022	41.60	0.0152	0.1414	0.00009	0.00035	0.00026	4.52	0.00027	0.00310	0.00019	0.00440	0
2057	0.0022	0.0155	0.000008	24.5	18.7	0.760	0.0022	36.36	0.0151	0.1400	0.00009	0.00035	0.00026	4.48	0.00027	0.00307	0.00019	0.00436	0
2058	0.0022	0.0153	0.000008	24.3	18.5	0.753	0.0022	31.78	0.0149	0.1387	0.00009	0.00034	0.00026	4.43	0.00027	0.00304	0.00019	0.00431	0
2059	0.0022	0.0152	0.000008	24.0	18.4	0.746	0.0022	27.78	0.0148	0.1373	0.00009	0.00034	0.00026	4.39	0.00026	0.00301	0.00019	0.00427	0
2060	0.0022	0.0150	0.000008	23.8	18.2	0.738	0.0021	24.28	0.0146	0.1360	0.00009	0.00034	0.00025	4.35	0.00026	0.00298	0.00018	0.00423	0
2061	0.0021	0.0149	0.000008	23.6	18.0	0.731	0.0021	21.22	0.0145	0.1347	0.00009	0.00033	0.00025	4.31	0.00026	0.00295	0.00018	0.00419	0
2062	0.0021	0.0147	0.000008	23.3	17.8	0.724	0.0021	18.55	0.0143	0.1333	0.00008	0.00033	0.00025	4.26	0.00026	0.00292	0.00018	0.00415	0
2063	0.0021	0.0146	0.000008	23.1	17.7	0.717	0.0021	16.22	0.0142	0.1320	0.00008	0.00033	0.00025	4.22	0.00025	0.00289	0.00018	0.00411	0
2064	0.0021	0.0144	0.000008	22.9	17.5	0.710	0.0021	14.17	0.0141	0.1308	0.00008	0.00032	0.00024	4.18	0.00025	0.00287	0.00018	0.00407	0
2065	0.0021	0.0143	0.000008	22.7	17.3	0.703	0.0020	12.39	0.0139	0.1295	0.00008	0.00032	0.00024	4.14	0.00025	0.00284	0.00017	0.00403	0
2066	0.0020	0.0142	0.000007	22.4	17.1	0.696	0.0020	10.83	0.0138	0.1282	0.00008	0.00032	0.00024	4.10	0.00025	0.00281	0.00017	0.00399	0
2067	0.0020	0.0140	0.000007	22.2	17.0	0.690	0.0020	9.47	0.0137	0.1270	0.00008	0.00031	0.00024	4.06	0.00024	0.00278	0.00017	0.00395	0
2068	0.0020	0.0139	0.000007	22.0	16.8	0.683	0.0020	8.27	0.0135	0.1257	0.00008	0.00031	0.00024	4.02	0.00024	0.00276	0.00017	0.00391	0
2069	0.0020	0.0138	0.000007	21.8	16.7	0.676	0.0020	7.23	0.0134	0.1245	0.00008	0.00031	0.00023	3.98	0.00024	0.00273	0.00017	0.00387	0
2070	0.0020	0.0136	0.000007	21.6	16.5	0.670	0.0019	6.32	0.0133	0.1233	0.00008	0.00030	0.00023	3.94	0.00024	0.00270	0.00017	0.00384	0
2071	0.0019	0.0135	0.000007	21.4	16.3	0.663	0.0019	5.52	0.0131	0.1221	0.00008	0.00030	0.00023	3.90	0.00023	0.00268	0.00016	0.00380	0
2072	0.0019	0.0134	0.000007	21.2	16.2	0.657	0.0019	4.83	0.0130	0.1209	0.00008	0.00030	0.00023	3.87	0.00023	0.00265	0.00016	0.00376	0
2073	0.0019	0.0132	0.000007	21.0	16.0	0.650	0.0019	4.22	0.0129	0.1197	0.00008	0.00030	0.00022	3.83	0.00023	0.00262	0.00016	0.00372	0
2074	0.0019	0.0131	0.000007	20.7	15.9	0.644	0.0019	3.69	0.0128	0.1186	0.00008	0.00029	0.00022	3.79	0.00023	0.00260	0.00016	0.00369	0
2075	0.0019	0.0130	0.000007	20.5	15.7	0.638	0.0018	3.22	0.0126	0.1174	0.00007	0.00029	0.00022	3.75	0.00022	0.00257	0.00016	0.00365	0
2076	0.0019	0.0128	0.000007	20.3	15.5	0.631	0.0018	2.82	0.0125	0.1163	0.00007	0.00029	0.00022	3.72	0.00022	0.00255	0.00016	0.00362	0
2077	0.0018	0.0127	0.000007	20.1	15.4	0.625	0.0018	2.46	0.0124	0.1151	0.00007	0.00028	0.00022	3.68	0.00022	0.00252	0.00016	0.00358	0
2078	0.0018	0.0126	0.000007	20.0	15.2	0.619	0.0018	2.15	0.0123	0.1140	0.00007	0.00028	0.00021	3.65	0.00022	0.00250	0.00015	0.00355	0
2079	0.0018	0.0125	0.000007	19.8	15.1	0.613	0.0018	1.88	0.0121	0.1129	0.00007	0.00028	0.00021	3.61	0.00022	0.00247	0.00015	0.00351	0
2080	0.0018	0.0124	0.000007	19.6	15.0	0.607	0.0018	1.65	0.0120	0.1118	0.00007	0.00028	0.00021	3.58	0.00021	0.00245	0.00015	0.00348	0
2081	0.0018	0.0122	0.000006	19.4	14.8	0.601	0.0017	1.44	0.0119	0.1107	0.00007	0.00027	0.00021	3.54	0.00021	0.00243	0.00015	0.00344	0
2082	0.0017	0.0121	0.000006	19.2	14.7	0.595	0.0017	1.26	0.0118	0.1096	0.00007	0.00027	0.00021	3.51	0.00021	0.00240	0.00015	0.00341	0
2083	0.0017	0.0120	0.000006	19.0	14.5	0.590	0.0017	1.10	0.0117	0.1086	0.00007	0.00027	0.00020	3.47	0.00021	0.00238	0.00015	0.00338	0
2084	0.0017	0.0119	0.000006	18.8	14.4	0.584	0.0017	0.96	0.0116	0.1075	0.00007	0.00027	0.00020	3.44	0.00021	0.00236	0.00015	0.00334	0
2085	0.0017	0.0118	0.000006	18.6	14.2	0.578	0.0017	0.84	0.0115	0.1065	0.00007	0.00026	0.00020	3.40	0.00020	0.00233	0.00014	0.00331	0
2086	0.0017	0.0116	0.000006	18.4	14.1	0.572	0.0017	0.73	0.0113	0.1054	0.00007	0.00026	0.00020	3.37	0.00020	0.00231	0.00014	0.00328	0
2087	0.0017	0.0115	0.000006	18.3	14.0	0.567	0.0016	0.64	0.0112	0.1044	0.00007	0.00026	0.00020	3.34	0.00020	0.00229	0.00014	0.00325	0
2088	0.0016	0.0114	0.000006	18.1	13.8	0.561	0.0016	0.56	0.0111	0.1034	0.00007	0.00025	0.00019	3.31	0.00020	0.00227	0.00014	0.00322	0
2089	0.0016	0.0113	0.000006	17.9	13.7	0.556	0.0016	0.49	0.0110	0.1024	0.00006	0.00025	0.00019	3.27	0.00020	0.00224	0.00014	0.00318	0
2090	0.0016	0.0112	0.000006	17.7	13.6	0.551	0.0016	0.43	0.0109	0.1014	0.00006	0.00025	0.00019	3.24	0.00019	0.00222	0.00014	0.00315	0
2091	0.0016	0.0111	0.000006	17.6	13.4	0.545	0.0016	0.37	0.0108	0.1004	0.00006	0.00025	0.00019	3.21	0.00019	0.00220	0.00014	0.00312	0
2092	0.0016	0.0110	0.000006	17.4	13.3	0.540	0.0016	0.33	0.0107	0.0994	0.00006	0.00025	0.00019	3.18	0.00019	0.00218	0.00013	0.00309	0
2093	0.0016	0.0109	0.000006	17.2	13.2	0.535	0.0016	0.29	0.0106	0.0984	0.00006	0.00024	0.00018	3.15	0.00019	0.00216	0.00013	0.00306	0
2094	0.0016	0.0108	0.000006	17.1	13.0	0.529	0.0015	0.25	0.0105	0.0975	0.00006	0.00024	0.00018	3.12	0.00019	0.00214	0.00013	0.00303	0
2095	0.0015	0.0107	0.000006	16.9	12.9	0.524	0.0015	0.22	0.0104	0.0965	0.00006	0.00024	0.00018	3.09	0.00018	0.00212	0.00013	0.00300	0
2096	0.0015	0.0106	0.000006	16.7	12.8	0.519	0.0015	0.19	0.0103	0.0956	0.00006	0.00024	0.00018	3.06	0.00018	0.00210	0.00013	0.00297	0
2097	0.0015	0.0105	0.000006	16.6	12.7	0.514	0.0015	0.17	0.0102	0.0947	0.00006	0.00023	0.00018	3.03	0.00018	0.00207	0.00013	0.00294	0
2098	0.0015	0.0104	0.000005	16.4	12.5	0.509	0.0015	0.15	0.0101	0.0937	0.00006	0.00023	0.00018	3.00	0.00018	0.00205	0.00013	0.00292	0
2099	0.0015	0.0103	0.000005	16.2	12.4	0.504	0.0015	0.13	0.0100	0.0928	0.00006	0.00023	0.00017	2.97	0.00018	0.00203	0.00013	0.00289	0

Appendix C.1-4: Ore Pad

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2020-2036	4530	16.10	52.600	0.860	2300	0.634	511	0.00100	0.00100	0.000027	0.0129	0.0678	0.834	0.0824	0.000026	141.0	0.000106	0.00505	0.000310
2037	1799	3.37	15.034	0.449	816	0.478	276	0.00099	0.00099	0.000017	0.0063	0.0113	0.391	0.0562	0.000017	76.1	0.000105	0.00493	0.000342
2038	1623	2.94	13.141	0.393	714	0.474	274	0.00098	0.00098	0.000017	0.0063	0.0112	0.387	0.0557	0.000017	75.3	0.000104	0.00488	0.000338
2039	1469	2.57	11.486	0.343	624	0.469	271	0.00097	0.00097	0.000017	0.0062	0.0111	0.384	0.0552	0.000017	74.6	0.000103	0.00484	0.000335
2040	1333	2.25	10.040	0.300	545	0.464	268	0.00096	0.00096	0.000017	0.0061	0.0110	0.380	0.0546	0.000017	73.9	0.000102	0.00479	0.000332
2041	1214	1.96	8.775	0.262	477	0.460	266	0.00095	0.00095	0.000016	0.0061	0.0109	0.376	0.0541	0.000016	73.1	0.000101	0.00474	0.000329
2042	1110	1.72	7.670	0.229	417	0.455	263	0.00094	0.00094	0.000016	0.0060	0.0107	0.372	0.0536	0.000016	72.4	0.000100	0.00470	0.000325
2043	1018	1.50	6.704	0.200	364	0.451	261	0.00093	0.00093	0.000016	0.0060	0.0106	0.369	0.0530	0.000016	71.7	0.000099	0.00465	0.000322
2044	938	1.31	5.860	0.175	318	0.447	258	0.00092	0.00092	0.000016	0.0059	0.0105	0.365	0.0525	0.000016	71.0	0.000098	0.00460	0.000319
2045	867	1.15	5.122	0.153	278	0.442	255	0.00092	0.00092	0.000016	0.0058	0.0104	0.362	0.0520	0.000016	70.3	0.000097	0.00456	0.000316
2046	805	1.00	4.477	0.134	243	0.438	253	0.00091	0.00091	0.000016	0.0058	0.0103	0.358	0.0515	0.000016	69.6	0.000096	0.00452	0.000313
2047	750	0.88	3.913	0.117	213	0.434	251	0.00090	0.00090	0.000015	0.0057	0.0102	0.355	0.0510	0.000015	69.0	0.000095	0.00447	0.000310
2048	701	0.77	3.421	0.102	186	0.429	248	0.00089	0.00089	0.000015	0.0057	0.0101	0.351	0.0505	0.000015	68.3	0.000094	0.00443	0.000307
2049	659	0.67	2.990	0.0893	162	0.425	246	0.00088	0.00088	0.000015	0.0056	0.0100	0.348	0.0500	0.000015	67.6	0.000093	0.00438	0.000304
2050	621	0.58	2.613	0.0781	142	0.421	243	0.00087	0.00087	0.000015	0.0056	0.0099	0.344	0.0495	0.000015	67.0	0.000092	0.00434	0.000301
2051	587	0.51	2.284	0.0683	124	0.417	241	0.00086	0.00086	0.000015	0.0055	0.0098	0.341	0.0490	0.000015	66.3	0.000092	0.00430	0.000298
2052	558	0.45	1.997	0.0597	108	0.413	239	0.00086	0.00086	0.000015	0.0055	0.0097	0.338	0.0486	0.000015	65.7	0.000091	0.00426	0.000295
2053	531	0.39	1.745	0.0522	95	0.409	236	0.00085	0.00085	0.000015	0.0054	0.0097	0.334	0.0481	0.000015	65.0	0.000090	0.00422	0.000292
2054	508	0.34	1.525	0.0456	83	0.405	234	0.00084	0.00084	0.000014	0.0053	0.0096	0.331	0.0476	0.000014	64.4	0.000089	0.00418	0.000289
2055	487	0.30	1.333	0.0398	72	0.401	232	0.00083	0.00083	0.000014	0.0053	0.0095	0.328	0.0472	0.000014	63.8	0.000088	0.00413	0.000286
2056	469	0.26	1.165	0.0348	63	0.397	229	0.00082	0.00082	0.000014	0.0052	0.0094	0.325	0.0467	0.000014	63.1	0.000087	0.00409	0.000284
2057	452	0.23	1.019	0.0304	55	0.393	227	0.00081	0.00081	0.000014	0.0052	0.0093	0.322	0.0462	0.000014	62.5	0.000086	0.00405	0.000281
2058	437	0.20	0.890	0.0266	48	0.389	225	0.00081	0.00081	0.000014	0.0051	0.0092	0.318	0.0458	0.000014	61.9	0.000085	0.00402	0.000278
2059	424	0.17	0.778	0.0233	42	0.386	223	0.00080	0.00080	0.000014	0.0051	0.0091	0.315	0.0453	0.000014	61.3	0.000085	0.00398	0.000275
2060	412	0.15	0.680	0.0203	37	0.382	221	0.00079	0.00079	0.000014	0.0050	0.0090	0.312	0.0449	0.000014	60.7	0.000084	0.00394	0.000273
2061	401	0.13	0.595	0.0178	32	0.378	218	0.00078	0.00078	0.000013	0.0050	0.0089	0.309	0.0445	0.000013	60.1	0.000083	0.00390	0.000270
2062	391	0.12	0.520	0.0155	28	0.374	216	0.00078	0.00078	0.000013	0.0049	0.0088	0.306	0.0440	0.000013	59.5	0.000082	0.00386	0.000267
2063	382	0.10	0.454	0.0136	25	0.371	214	0.00077	0.00077	0.000013	0.0049	0.0088	0.303	0.0436	0.000013	59.0	0.000081	0.00382	0.000265
2064	373	0.0889	0.397	0.0119	22	0.367	212	0.00076	0.00076	0.000013	0.0049	0.0087	0.300	0.0432	0.000013	58.4	0.000081	0.00379	0.000262
2065	366	0.0777	0.347	0.0104	19	0.364	210	0.00075	0.00075	0.000013	0.0048	0.0086	0.297	0.0428	0.000013	57.8	0.000080	0.00375	0.000260
2066	359	0.0679	0.303	0.00907	16	0.360	208	0.00075	0.00075	0.000013	0.0048	0.0085	0.294	0.0423	0.000013	57.3	0.000079	0.00371	0.000257
2067	352	0.0593	0.265	0.00792	14	0.357	206	0.00074	0.00074	0.000013	0.0047	0.0084	0.292	0.0419	0.000013	56.7	0.000078	0.00368	0.000255
2068	346	0.0519	0.232	0.00693	13	0.353	204	0.00073	0.00073	0.000013	0.0047	0.0083	0.289	0.0415	0.000013	56.1	0.000077	0.00364	0.000252
2069	341	0.0453	0.203	0.00605	11	0.350	202	0.00072	0.00072	0.000012	0.0046	0.0083	0.286	0.0411	0.000012	55.6	0.000077	0.00361	0.000250
2070	336	0.0396	0.177	0.00529	10	0.346	200	0.00072	0.00072	0.000012	0.0046	0.0082	0.283	0.0407	0.000012	55.1	0.000076	0.00357	0.000247
2071	331	0.0346	0.155	0.00462	8.4	0.343	198	0.00071	0.00071	0.000012	0.0045	0.0081	0.280	0.0403	0.000012	54.5	0.000075	0.00354	0.000245
2072	326	0.0303	0.135	0.00404	7.35	0.340	196	0.00070	0.00070	0.000012	0.0045	0.0080	0.278	0.0399	0.000012	54.0	0.000075	0.00350	0.000243
2073	322	0.0265	0.118	0.00353	6.42	0.336	194	0.00070	0.00070	0.000012	0.0044	0.0079	0.275	0.0395	0.000012	53.5	0.000074	0.00347	0.000240
2074	318	0.0231	0.103	0.00309	5.61	0.333	192	0.00069	0.00069	0.000012	0.0044	0.0079	0.272	0.0392	0.000012	52.9	0.000073	0.00343	0.000238
2075	314	0.0202	0.090	0.00270	4.91	0.330	190	0.00068	0.00068	0.000012	0.0044	0.0078	0.270	0.0388	0.000012	52.4	0.000072	0.00340	0.000236
2076	310	0.0177	0.079	0.00236	4.29	0.326	189	0.00068	0.00068	0.000012	0.0043	0.0077	0.267	0.0384	0.000012	51.9	0.000072	0.00337	0.000233
2077	306	0.0154	0.069	0.00206	3.75	0.323	187	0.00067	0.00067	0.000012	0.0043	0.0076	0.264	0.0380	0.000012	51.4	0.000071	0.00333	0.000231
2078	303	0.0135	0.060	0.00180	3.28	0.320	185	0.00066	0.00066	0.000011	0.0042	0.0076	0.262	0.0377	0.000011	50.9	0.000070	0.00330	0.000229
2079	300	0.0118	0.053	0.00158	2.86	0.317	183	0.00066	0.00066	0.000011	0.0042	0.0075	0.259	0.0373	0.000011	50.4	0.000070	0.00327	0.000226
2080	296	0.0103	0.046	0.00138	2.50	0.314	181	0.00065	0.00065	0.000011	0.0041	0.0074	0.257	0.0369	0.000011	49.9	0.000069	0.00324	0.000224
2081	293	0.0090	0.040	0.00120	2.19	0.311	180	0.00064	0.00064	0.000011	0.0041	0.0073	0.254	0.0366	0.000011	49.4	0.000068	0.00321	0.000222
2082	290	0.0079	0.035	0.00105	1.91	0.308	178	0.00064	0.00064	0.000011	0.0041	0.0073	0.252	0.0362	0.000011	49.0	0.000068	0.00317	0.000220
2083	287	0.0069	0.031	0.00092	1.67	0.305	176	0.00063	0.00063	0.000011	0.0040	0.0072	0.249	0.0359	0.000011	48.5	0.000067	0.00314	0.000218
2084	284	0.0060	0.027	0.00080	1.46	0.302	174	0.00063	0.00063	0.000011	0.0040	0.0071	0.247	0.0355	0.000011	48.0	0.000066	0.00311	0.000216
2085	282	0.0053	0.024	0.00070	1.28	0.299	173	0.00062	0.00062	0.000011	0.0039	0.0071	0.244	0.0352	0.000011	47.5	0.000066	0.00308	0.000214
2086	279	0.0046	0.021	0.00061	1.12	0.296	171	0.00061	0.00061	0.000011	0.0039	0.0070	0.242	0.0348	0.000011	47.1	0.000065	0.00305	0.000211
2087	276	0.0040	0.018	0.00054	0.98	0.293	169	0.00061	0.00061	0.000010	0.0039	0.0069	0.240	0.0345	0.000010	46.6	0.000064	0.00302	0.000209
2088	274	0.0035	0.016	0.00047	0.85	0.290	168	0.00060	0.00060	0.000010	0.0038	0.0069	0.237	0.0341	0.000010	46.2	0.000064	0.00299	0.000207
2089	271	0.0031	0.014	0.00041	0.75	0.287	166	0.00060	0.00060	0.000010	0.0038	0.0068	0.235	0.0338	0.000010	45.7	0.000063	0.00296	0.000205
2090	268	0.0027	0.012	0.00036	0.65	0.285	164	0.00059	0.00059	0.000010	0.0038	0.0067	0.233	0.0335	0.000010	45.3	0.000062	0.00294	0.000203
2091	266	0.0023	0.010	0.00031	0.57	0.282	163	0.00058	0.00058	0.000010	0.0037	0.0067	0.231	0.0332	0.000010	44.8	0.000062	0.00291	0.000201
2092	264	0.0021	0.009	0.00027	0.50	0.279	161	0.00058	0.00058	0.000010	0.0037	0.0066	0.228	0.0328	0.000010	44.4	0.000061	0.00288	0.000199
2093	261	0.0018	0.008	0.00024	0.44	0.276	160	0.00057	0.00057	0.000010	0.0037	0.0065	0.226	0.0325	0.000010	44.0	0.000061	0.00285	0.000197
2094	259	0.0016	0.007	0.00021	0.38	0.274	158	0.00057	0.00057	0.000010	0.0036	0.0065	0.224	0.0322	0.000010	43.5	0.000060	0.00282	0.000196
2095	256	0.0014	0.006	0.00018	0.33	0.271	157	0.00056	0.00056	0.000010	0.0036	0.0064	0.222	0.0319	0.000010	43.1	0.000059	0.00280	0.000194
2096	254	0.0012	0.005	0.00016	0.29	0.268	155	0.00056	0.00056	0.000010	0.0035	0.0063	0.220	0.0316	0.000010	42.7	0.000059	0.00277	0.000192
2097	252	0.0010	0.005	0.00014	0.25	0.266	154	0.00055	0.00055	0.000009	0.0035	0.0063	0.217	0.0313	0.000009	42.3	0.000058	0.00274	0.000190
2098	250	0.0009	0.004	0.00012	0.22	0.263	152	0.00055	0.00055	0.000009	0.0035	0.0062	0.215	0.0310	0.000009	41.9	0.000058	0.00271	0.000188
2099	247	0.0008	0.004	0.00011	0.19	0.261	151	0.00054	0.00054	0.000009	0.0034	0.0062	0.213	0.0307	0.000009	41.4	0.000057	0.00269	0.000186

Appendix C.1-4: Ore Pad

Year	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2020-2036	0.00553	0.0267	0.0000100	78.5	42.2	0.849	0.0242	1510	0.0184	0.255	0.000128	0.00222	0.00103	7.43	0.00040	0.00369	0.00033	0.00582	0.005
2037	0.00271	0.0188	0.0000099	29.8	22.8	0.925	0.0027	537	0.0183	0.170	0.000108	0.00042	0.00032	5.45	0.00033	0.00373	0.00023	0.00530	0
2038	0.00269	0.0186	0.0000098	29.5	22.6	0.916	0.0027	469	0.0181	0.169	0.000107	0.00042	0.00032	5.39	0.00032	0.00370	0.00023	0.00525	0
2039	0.00266	0.0185	0.0000097	29.2	22.3	0.907	0.0026	410	0.0180	0.167	0.000106	0.00041	0.00031	5.34	0.00032	0.00366	0.00023	0.00520	0
2040	0.00263	0.0183	0.0000096	28.9	22.1	0.898	0.0026	358	0.0178	0.165	0.000105	0.00041	0.00031	5.29	0.00032	0.00363	0.00022	0.00514	0
2041	0.00261	0.0181	0.0000095	28.7	21.9	0.889	0.0026	313	0.0176	0.164	0.000104	0.00040	0.00031	5.24	0.00031	0.00359	0.00022	0.00509	0
2042	0.00258	0.0179	0.0000094	28.4	21.7	0.881	0.0026	274	0.0174	0.162	0.000103	0.00040	0.00030	5.19	0.00031	0.00355	0.00022	0.00504	0
2043	0.00256	0.0177	0.0000093	28.1	21.5	0.872	0.0025	239	0.0173	0.161	0.000102	0.00040	0.00030	5.14	0.00031	0.00352	0.00022	0.00500	0
2044	0.00253	0.0176	0.0000092	27.8	21.3	0.864	0.0025	209	0.0171	0.159	0.000101	0.00039	0.00030	5.09	0.00030	0.00349	0.00021	0.00495	0
2045	0.00251	0.0174	0.0000092	27.6	21.1	0.855	0.0025	183	0.0169	0.157	0.000100	0.00039	0.00029	5.04	0.00030	0.00345	0.00021	0.00490	0
2046	0.00248	0.0172	0.0000091	27.3	20.9	0.847	0.0025	160	0.0168	0.156	0.000099	0.00038	0.00029	4.99	0.00030	0.00342	0.00021	0.00485	0
2047	0.00246	0.0171	0.0000090	27.0	20.7	0.839	0.0024	140	0.0166	0.154	0.000098	0.00038	0.00029	4.94	0.00030	0.00339	0.00021	0.00480	0
2048	0.00244	0.0169	0.0000089	26.8	20.5	0.830	0.0024	122	0.0164	0.153	0.000097	0.00038	0.00029	4.89	0.00029	0.00335	0.00021	0.00476	0
2049	0.00241	0.0167	0.0000088	26.5	20.3	0.822	0.0024	107	0.0163	0.151	0.000096	0.00037	0.00028	4.84	0.00029	0.00332	0.00020	0.00471	0
2050	0.00239	0.0166	0.0000087	26.2	20.1	0.814	0.0024	93.29	0.0161	0.150	0.000095	0.00037	0.00028	4.80	0.00029	0.00329	0.00020	0.00466	0
2051	0.00237	0.0164	0.0000086	26.0	19.9	0.806	0.0023	81.54	0.0160	0.149	0.000094	0.00037	0.00028	4.75	0.00028	0.00326	0.00020	0.00462	0
2052	0.00234	0.0162	0.0000086	25.7	19.7	0.799	0.0023	71.27	0.0158	0.147	0.000093	0.00036	0.00028	4.70	0.00028	0.00322	0.00020	0.00457	0
2053	0.00232	0.0161	0.0000085	25.5	19.5	0.791	0.0023	62.30	0.0157	0.146	0.000092	0.00036	0.00027	4.66	0.00028	0.00319	0.00020	0.00453	0
2054	0.00230	0.0159	0.0000084	25.2	19.3	0.783	0.0023	54.45	0.0155	0.144	0.000091	0.00036	0.00027	4.61	0.00028	0.00316	0.00019	0.00449	0
2055	0.00227	0.0158	0.0000083	25.0	19.1	0.775	0.0023	47.59	0.0154	0.143	0.000090	0.00035	0.00027	4.57	0.00027	0.00313	0.00019	0.00444	0
2056	0.00225	0.0156	0.0000082	24.7	18.9	0.768	0.0022	41.60	0.0152	0.141	0.000090	0.00035	0.00026	4.52	0.00027	0.00310	0.00019	0.00440	0
2057	0.00223	0.0155	0.0000081	24.5	18.7	0.760	0.0022	36.36	0.0151	0.140	0.000089	0.00035	0.00026	4.48	0.00027	0.00307	0.00019	0.00436	0
2058	0.00221	0.0153	0.0000081	24.3	18.5	0.753	0.0022	31.78	0.0149	0.139	0.000088	0.00034	0.00026	4.43	0.00027	0.00304	0.00019	0.00431	0
2059	0.00219	0.0152	0.0000080	24.0	18.4	0.746	0.0022	27.78	0.0148	0.137	0.000087	0.00034	0.00026	4.39	0.00026	0.00301	0.00019	0.00427	0
2060	0.00217	0.0150	0.0000079	23.8	18.2	0.738	0.0021	24.28	0.0146	0.136	0.000086	0.00034	0.00025	4.35	0.00026	0.00298	0.00018	0.00423	0
2061	0.00215	0.0149	0.0000078	23.6	18.0	0.731	0.0021	21.22	0.0145	0.135	0.000085	0.00033	0.00025	4.31	0.00026	0.00295	0.00018	0.00419	0
2062	0.00212	0.0147	0.0000078	23.3	17.8	0.724	0.0021	18.55	0.0143	0.133	0.000085	0.00033	0.00025	4.26	0.00026	0.00292	0.00018	0.00415	0
2063	0.00210	0.0146	0.0000077	23.1	17.7	0.717	0.0021	16.22	0.0142	0.132	0.000084	0.00033	0.00025	4.22	0.00025	0.00289	0.00018	0.00411	0
2064	0.00208	0.0144	0.0000076	22.9	17.5	0.710	0.0021	14.17	0.0141	0.131	0.000083	0.00032	0.00024	4.18	0.00025	0.00287	0.00018	0.00407	0
2065	0.00206	0.0143	0.0000075	22.7	17.3	0.703	0.0020	12.39	0.0139	0.129	0.000082	0.00032	0.00024	4.14	0.00025	0.00284	0.00017	0.00403	0
2066	0.00204	0.0142	0.0000075	22.4	17.1	0.696	0.0020	10.83	0.0138	0.128	0.000081	0.00032	0.00024	4.10	0.00025	0.00281	0.00017	0.00399	0
2067	0.00202	0.0140	0.0000074	22.2	17.0	0.690	0.0020	9.47	0.0137	0.127	0.000080	0.00031	0.00024	4.06	0.00024	0.00278	0.00017	0.00395	0
2068	0.00200	0.0139	0.0000073	22.0	16.8	0.683	0.0020	8.27	0.0135	0.126	0.000080	0.00031	0.00024	4.02	0.00024	0.00276	0.00017	0.00391	0
2069	0.00198	0.0138	0.0000072	21.8	16.7	0.676	0.0020	7.23	0.0134	0.125	0.000079	0.00031	0.00023	3.98	0.00024	0.00273	0.00017	0.00387	0
2070	0.00196	0.0136	0.0000072	21.6	16.5	0.670	0.0019	6.32	0.0133	0.123	0.000078	0.00030	0.00023	3.94	0.00024	0.00270	0.00017	0.00384	0
2071	0.00195	0.0135	0.0000071	21.4	16.3	0.663	0.0019	5.52	0.0131	0.122	0.000077	0.00030	0.00023	3.90	0.00023	0.00268	0.00016	0.00380	0
2072	0.00193	0.0134	0.0000070	21.2	16.2	0.657	0.0019	4.83	0.0130	0.121	0.000077	0.00030	0.00023	3.87	0.00023	0.00265	0.00016	0.00376	0
2073	0.00191	0.0132	0.0000070	21.0	16.0	0.650	0.0019	4.22	0.0129	0.120	0.000076	0.00030	0.00022	3.83	0.00023	0.00262	0.00016	0.00372	0
2074	0.00189	0.0131	0.0000069	20.7	15.9	0.644	0.0019	3.69	0.0128	0.119	0.000075	0.00029	0.00022	3.79	0.00023	0.00260	0.00016	0.00369	0
2075	0.00187	0.0130	0.0000068	20.5	15.7	0.638	0.0018	3.22	0.0126	0.117	0.000074	0.00029	0.00022	3.75	0.00022	0.00257	0.00016	0.00365	0
2076	0.00185	0.0128	0.0000068	20.3	15.5	0.631	0.0018	2.82	0.0125	0.116	0.000074	0.00029	0.00022	3.72	0.00022	0.00255	0.00016	0.00362	0
2077	0.00183	0.0127	0.0000067	20.1	15.4	0.625	0.0018	2.46	0.0124	0.115	0.000073	0.00028	0.00022	3.68	0.00022	0.00252	0.00016	0.00358	0
2078	0.00182	0.0126	0.0000066	20.0	15.2	0.619	0.0018	2.15	0.0123	0.114	0.000072	0.00028	0.00021	3.65	0.00022	0.00250	0.00015	0.00355	0
2079	0.00180	0.0125	0.0000066	19.8	15.1	0.613	0.0018	1.88	0.0121	0.113	0.000072	0.00028	0.00021	3.61	0.00022	0.00247	0.00015	0.00351	0
2080	0.00178	0.0124	0.0000065	19.6	15.0	0.607	0.0018	1.65	0.0120	0.112	0.000071	0.00028	0.00021	3.58	0.00021	0.00245	0.00015	0.00348	0
2081	0.00176	0.0122	0.0000064	19.4	14.8	0.601	0.0017	1.44	0.0119	0.111	0.000070	0.00027	0.00021	3.54	0.00021	0.00243	0.00015	0.00344	0
2082	0.00175	0.0121	0.0000064	19.2	14.7	0.595	0.0017	1.26	0.0118	0.110	0.000069	0.00027	0.00021	3.51	0.00021	0.00240	0.00015	0.00341	0
2083	0.00173	0.0120	0.0000063	19.0	14.5	0.590	0.0017	1.10	0.0117	0.109	0.000069	0.00027	0.00020	3.47	0.00021	0.00238	0.00015	0.00338	0
2084	0.00171	0.0119	0.0000063	18.8	14.4	0.584	0.0017	0.96	0.0116	0.108	0.000068	0.00027	0.00020	3.44	0.00021	0.00236	0.00015	0.00334	0
2085	0.00170	0.0118	0.0000062	18.6	14.2	0.578	0.0017	0.84	0.0115	0.106	0.000067	0.00026	0.00020	3.40	0.00020	0.00233	0.00014	0.00331	0
2086	0.00168	0.0116	0.0000061	18.4	14.1	0.572	0.0017	0.73	0.0113	0.105	0.000067	0.00026	0.00020	3.37	0.00020	0.00231	0.00014	0.00328	0
2087	0.00166	0.0115	0.0000061	18.3	14.0	0.567	0.0016	0.64	0.0112	0.104	0.000066	0.00026	0.00020	3.34	0.00020	0.00229	0.00014	0.00325	0
2088	0.00165	0.0114	0.0000060	18.1	13.8	0.561	0.0016	0.56	0.0111	0.103	0.000066	0.00025	0.00019	3.31	0.00020	0.00227	0.00014	0.00322	0
2089	0.00163	0.0113	0.0000060	17.9	13.7	0.556	0.0016	0.49	0.0110	0.102	0.000065	0.00025	0.00019	3.27	0.00020	0.00224	0.00014	0.00318	0
2090	0.00161	0.0112	0.0000059	17.7	13.6	0.551	0.0016	0.43	0.0109	0.101	0.000064	0.00025	0.00019	3.24	0.00019	0.00222	0.00014	0.00315	0
2091	0.00160	0.0111	0.0000058	17.6	13.4	0.545	0.0016	0.37	0.0108	0.100	0.000064	0.00025	0.00019	3.21	0.00019	0.00220	0.00014	0.00312	0
2092	0.00158	0.0110	0.0000058	17.4	13.3	0.540	0.0016	0.33	0.0107	0.099	0.000063	0.00025	0.00019	3.18	0.00019	0.00218	0.00013	0.00309	0
2093	0.00157	0.0109	0.0000057	17.2	13.2	0.535	0.0016	0.29	0.0106	0.098	0.000062	0.00024	0.00018	3.15	0.00019	0.00216	0.00013	0.00306	0
2094	0.00155	0.0108	0.0000057	17.1	13.0	0.529	0.0015	0.25	0.0105	0.097	0.000062	0.00024	0.00018	3.12	0.00019	0.00214	0.00013	0.00303	0
2095	0.00154	0.0107	0.0000056	16.9	12.9	0.524	0.0015	0.22	0.0104	0.097	0.000061	0.00024	0.00018	3.09	0.00018	0.00212	0.00013	0.00300	0
2096	0.00152	0.0106	0.0000056	16.7	12.8	0.519	0.0015	0.19	0.0103	0.096	0.000061	0.00024	0.00018	3.06	0.00018	0.00210	0.00013	0.00297	0
2097	0.00151	0.0105	0.0000055	16.6	12.7	0.514	0.0015	0.17	0.0102	0.095	0.000060	0.00023	0.00018	3.03	0.00018	0.00207	0.00013	0.00294	0
2098	0.00149	0.0104	0.0000055	16.4	12.5	0.509	0.0015	0.15	0.0101	0.094	0.000059	0.00023	0.00018	3.00	0.00018	0.00205	0.00013	0.00292	0
2099	0.00148	0.0103	0.0000054	16.2	12.4	0.504	0.0015	0.13	0.0100	0.093	0.000059	0.00023	0.00017	2.97	0.00018	0.00203	0.00013	0.00289	0

Appendix C.1-5: Pit Walls

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
DIS01																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	2887	1.13	4.40	0.125	1781	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	534	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2030	2887	1.13	4.40	0.125	1781	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	534	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2031	2887	1.13	4.40	0.125	1781	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	534	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2032	2595	0.99	3.85	0.109	1556	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	467	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2033	2340	0.86	3.36	0.096	1360	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	408	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2034	2117	0.76	2.94	0.083	1189	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	356	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2035	1922	0.66	2.57	0.073	1039	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	312	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2036	1752	0.58	2.25	0.064	908	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	272	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2037	1603	0.58	2.25	0.064	794	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	238	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2038	1473	0.58	2.25	0.064	694	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	208	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2039	1359	0.58	2.25	0.064	607	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	182	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2040	1260	0.58	2.25	0.064	530	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	159	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2041	1173	0.58	2.25	0.064	463	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	139	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2042	1097	0.58	2.25	0.064	405	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	121	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2043	1031	0.58	2.25	0.064	354	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	106	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2044+	1031	0.58	2.25	0.064	354	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.0006373	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	106	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
FZO01																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	2847	1.13	4.40	0.125	1648	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	494	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2029	2847	1.13	4.40	0.125	1648	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	494	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2030	2847	1.13	4.40	0.125	1648	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	494	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2031	2576	0.99	3.85	0.109	1441	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	432	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2032	2340	0.86	3.36	0.096	1259	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	378	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2033	2133	0.76	2.94	0.083	1101	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	330	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2034	1953	0.66	2.57	0.073	962	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	288	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2035	1795	0.58	2.25	0.064	841	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	252	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2036	1657	0.50	1.96	0.056	735	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	220	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2037	1537	0.50	1.96	0.056	643	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	193	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2038	1432	0.50	1.96	0.056	562	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	168	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2039	1340	0.50	1.96	0.056	491	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	147	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2040	1259	0.50	1.96	0.056	429	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	129	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2041	1189	0.50	1.96	0.056	375	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	112	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2042	1128	0.50	1.96	0.056	328	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	98	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2043	1074	0.50	1.96	0.056	287	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	86	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2044+	1074	0.50	1.96	0.056	287	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00097	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	86	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
FZO02																																						
2020	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2021	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2022	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2023	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2024	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2025	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2026	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2027	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2028	3105	1.13	4.40	0.125	1297	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	389	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2029	2893	0.99	3.85	0.109	1133	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	340	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2030	2707	0.86	3.36	0.096	991	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	297	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2031	2544	0.76	2.94	0.083	866	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	260	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2032	2402	0.66	2.57	0.073	757	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	227	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2033	2278	0.58	2.25	0.064	662	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	198	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2034	2169	0.50	1.96	0.056	578	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	173	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2035	2074	0.44	1.72	0.049	505	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	152	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2036	1991	0.39	1.50	0.043	442	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	132	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2037	1919	0.39	1.50	0.043	386	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	116	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2038	1856	0.39	1.50	0.043	338	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	101	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2039	1801	0.39	1.50	0.043	295	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	88	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0

Appendix C.1-5: Pit Walls

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2040	1752	0.39	1.50	0.043	258	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	77	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2041	1710	0.39	1.50	0.043	225	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	68	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2042	1673	0.39	1.50	0.043	197	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	59	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2043	1641	0.39	1.50	0.043	172	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	52	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2044+	1641	0.39	1.50	0.043	172	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.0009103	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	52	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
FZO03																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	2800	1.13	4.40	0.125	1711	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	513	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2032	2800	1.13	4.40	0.125	1711	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	513	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2033	2800	1.13	4.40	0.125	1711	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	513	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2034	2520	0.99	3.85	0.109	1495	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	448	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2035	2275	0.86	3.36	0.096	1307	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	392	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2036	2060	0.76	2.94	0.083	1142	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	342	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2037	1873	0.76	2.94	0.083	999	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	299	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2038	1710	0.76	2.94	0.083	873	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	262	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2039	1567	0.76	2.94	0.083	763	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	229	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2040	1442	0.76	2.94	0.083	667	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	200	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2041	1333	0.76	2.94	0.083	583	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	175	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2042	1237	0.76	2.94	0.083	509	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	153	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2043	1154	0.76	2.94	0.083	445	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	133	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2044+	1154	0.76	2.94	0.083	445	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.000822	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	133	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
PUM01																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	3253	1.13	4.40	0.125	1144	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	343	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2026	3065	0.99	3.85	0.109	1000	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	300	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2027	2901	0.86	3.36	0.096	874	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	262	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2028	2757	0.76	2.94	0.083	764	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	229	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2029	2632	0.66	2.57	0.073	668	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	200	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2030	2522	0.58	2.25	0.064	584	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	175	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2031	2426	0.50	1.96	0.056	510	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	153	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2032	2343	0.44	1.72	0.049	446	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	134	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2033	2269	0.39	1.50	0.043	390	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	117	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2034	2205	0.34	1.31	0.037	341	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	102	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0

Appendix C.1-5: Pit Walls

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2035	2149	0.29	1.15	0.033	298	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	89	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2036	2101	0.26	1.00	0.028	260	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	78	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2037	2058	0.26	1.00	0.028	228	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	68	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2038	2021	0.26	1.00	0.028	199	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	60	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2039	1988	0.26	1.00	0.028	174	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	52	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2040	1960	0.26	1.00	0.028	152	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	46	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2041	1935	0.26	1.00	0.028	133	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	40	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2042	1913	0.26	1.00	0.028	116	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	35	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2043	1894	0.26	1.00	0.028	101	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	30	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2044+	1894	0.26	1.00	0.028	101	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.0008433	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	30	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
PUM02																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	3264	1.13	4.40	0.125	1260	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	378	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2026	3264	1.13	4.40	0.125	1260	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	378	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2027	3057	0.99	3.85	0.109	1102	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	330	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2028	2876	0.86	3.36	0.096	963	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	289	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2029	2718	0.76	2.94	0.083	842	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	252	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2030	2580	0.66	2.57	0.073	736	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	221	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2031	2459	0.58	2.25	0.064	643	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	193	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2032	2354	0.50	1.96	0.056	562	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	168	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2033	2261	0.44	1.72	0.049	491	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	147	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2034	2181	0.39	1.50	0.043	429	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	129	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2035	2110	0.34	1.31	0.037	375	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	113	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2036	2049	0.29	1.15	0.033	328	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	98	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2037	1995	0.29	1.15	0.033	287	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	86	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2038	1948	0.29	1.15	0.033	251	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	75	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2039	1907	0.29	1.15	0.033	219	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	66	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2040	1871	0.29	1.15	0.033	191	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	57	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2041	1840	0.29	1.15	0.033	167	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	50	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2042	1812	0.29	1.15	0.033	146	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	44	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2043	1789	0.29	1.15	0.033	128	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	38	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2044+	1789	0.29	1.15	0.033	128	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.0009048	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	38	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
PUM03																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	2606	1.13	4.40	0.125	1390	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	417	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2031	2606	1.13	4.40	0.125	1390	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	417	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2032	2606	1.13	4.40	0.125	1390	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	417	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2033	2378	0.99	3.85	0.109	1215	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	364	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2034	2178	0.86	3.36	0.096	1062	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	318	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2035	2004	0.76	2.94	0.083	928	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	278	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2036	1852	0.66	2.57	0.073	811	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	243	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2037	1719	0.66	2.57	0.073	709	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	213	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2038	1603	0.66	2.57	0.073	620	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	186	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2039	1502	0.66	2.57	0.073	542	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	162	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2040	1413	0.66	2.57	0.073	473	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	142	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2041	1336	0.66	2.57	0.073	414	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	124	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2042	1268	0.66	2.57	0.073	362	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	108	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2043	1209	0.66	2.57	0.073	316	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	95	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2044+	1209	0.66	2.57	0.073	316	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.0009126	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	95	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
PUM04																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix C.1-5: Pit Walls

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	2916	1.13	4.40	0.125	1197	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	359	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2033	2916	1.13	4.40	0.125	1197	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	359	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2034	2916	1.13	4.40	0.125	1197	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	359	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2035	2720	0.99	3.85	0.109	1047	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	314	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2036	2548	0.86	3.36	0.096	915	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	274	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2037	2398	0.86	3.36	0.096	800	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	240	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2038	2267	0.86	3.36	0.096	699	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	209	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2039	2153	0.86	3.36	0.096	611	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	183	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2040	2053	0.86	3.36	0.096	534	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	160	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2041	1965	0.86	3.36	0.096	467	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	140	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2042	1889	0.86	3.36	0.096	408	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	122	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2043	1822	0.86	3.36	0.096	357	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	107	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2044+	1822	0.86	3.36	0.096	357	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.0008315	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	107	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
TIRI01																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2022	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2023	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2024	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2025	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2026	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2027	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2028	2526	0.99	3.85	0.109	1414	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	424	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2029	2294	0.86	3.36	0.096	1236	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	370	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2030	2091	0.76	2.94	0.083	1080	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	324	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2031	1914	0.66	2.57	0.073	944	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	283	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2032	1759	0.58	2.25	0.064	825	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	247	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2033	1624	0.50	1.96	0.056	721	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	216	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2034	1506	0.44	1.72	0.049	631	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	189	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2035	1402	0.39	1.50	0.043	551	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	165	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2036	1312	0.34	1.31	0.037	482	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	144	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2037	1233	0.34	1.31	0.037	421	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	126	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2038	1164	0.34	1.31	0.037	368	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	110	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2039	1104	0.34	1.31	0.037	322	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	96	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2040	1051	0.34	1.31	0.037	281	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	84	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2041	1005	0.34	1.31	0.037	246	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	74	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2042	965	0.34	1.31	0.037	215	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	64	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2043	930	0.34	1.31	0.037	188	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	56	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2044+	930	0.34	1.31	0.037	188	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.000672	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	56	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
TIRI02																																						
2020	3069	1.13	4.40	0.125	1586	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	476	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2021	3069	1.13	4.40	0.125	1586	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	476	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2022	2809	0.99	3.85	0.109	1387	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	416	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2023	2582	0.86	3.36	0.096	1212	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	363	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2024	2383	0.76	2.94	0.083	1059	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	318	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2025	2209	0.66	2.57	0.073	926	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	278	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2026	2057	0.58	2.25	0.064	809	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	243	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2027	1925	0.50	1.96	0.056	707	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	212	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2028	1809	0.44	1.72	0.049	618	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	185	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2029	3069	1.13	4.40	0.125	1586	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	476	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2030	3069	1.13	4.40	0.125	1586	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	476	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2031	2809	0.99	3.85	0.109	1387	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	416	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2032	2582	0.86	3.36	0.096	1212	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	363	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2033	2383	0.76	2.94	0.083	1059	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	318	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2034	2209	0.66	2.57	0.073	926	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	278	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2035	2057	0.58	2.25	0.064	809	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	243	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2036	1925	0.50	1.96	0.056	707	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	212	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2037	1809	0.50	1.96	0.056	618	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	185	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2038	1708	0.50	1.96	0.056	540	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	162	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2039	1619	0.50	1.96	0.056	472	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	142	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2040	1542	0.50	1.96	0.056	413	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	124	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2041	1474	0.50	1.96	0.056	361	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	108	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2042	1415	0.50	1.96	0.056	315	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	95	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2043	1364	0.50	1.96	0.056	276	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	83	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2044+	1364	0.50	1.96	0.056	276	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.0004192	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	83	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
TIRI03																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix C.1-5: Pit Walls

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	2272	1.13	4.40	0.125	1217	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	365	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2030	2272	1.13	4.40	0.125	1217	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	365	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2031	2272	1.13	4.40	0.125	1217	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	365	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2032	2272	1.13	4.40	0.125	1217	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	365	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2033	2072	0.99	3.85	0.109	1064	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	319	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2034	1897	0.86	3.36	0.096	930	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	279	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2035	1745	0.76	2.94	0.083	813	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	244	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2036	1611	0.66	2.57	0.073	710	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	213	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2037	1495	0.66	2.57	0.073	621	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	186	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2038	1394	0.66	2.57	0.073	543	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	163	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2039	1305	0.66	2.57	0.073	474	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	142	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2040	1227	0.66	2.57	0.073	415	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	124	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2041	1159	0.66	2.57	0.073	362	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	109	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2042	1100	0.66	2.57	0.073	317	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	95	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2043	1048	0.66	2.57	0.073	277	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	83	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2044+	1048	0.66	2.57	0.073	277	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.0006794	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	83	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
TIR104																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	2711	1.13	4.40	0.125	1474	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	442	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2032	2711	1.13	4.40	0.125	1474	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	442	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2033	2711	1.13	4.40	0.125	1474	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	442	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2034	2469	0.99	3.85	0.109	1288	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	386	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2035	2258	0.86	3.36	0.096	1126	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	337	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2036	2073	0.76	2.94	0.083	984	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	295	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2037	1912	0.76	2.94	0.083	860	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	258	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2038	1771	0.76	2.94	0.083	752	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	225	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2039	1648	0.76	2.94	0.083	657	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	197	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2040	1541	0.76	2.94	0.083	574	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	172	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2041	1447	0.76	2.94	0.083	502	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	151	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2042	1364	0.76	2.94	0.083	439	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	132	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2043	1293	0.76	2.94	0.083	384	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	115	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2044+	1293	0.76	2.94	0.083	384	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.0005902	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	115	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
WES01																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	2412	1.13	4.40	0.125	1441	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	432	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2030	2412	1.13	4.40	0.125	1441	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	432	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2031	2176	0.99	3.85	0.109	1260	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	378	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2032	1969	0.86	3.36	0.096	1101	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	330	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2033	1789	0.76	2.94	0.083	962	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	288	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2034	1631	0.66	2.57	0.073	841	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	252	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2035	1493	0.58	2.25	0.064	735	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	220	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2036	1372	0.50	1.96	0.056	643	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	193	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2037	1267	0.50	1.96	0.056	562	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	168	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2038	1175	0.50	1.96	0.056	491	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	147	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2039	1095	0.50	1.96	0.056	429	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	129	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2040	1025	0.50	1.96	0.056	375	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	112	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2041	963	0.50	1.96	0.056	328	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	98	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2042	910	0.50	1.96	0.056	287	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	86	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2043	863	0.50	1.96	0.056	250	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	75	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2044+	863	0.50	1.96	0.056	250	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.0008644	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	75	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0

Appendix C.1-5: Pit Walls

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
WES02																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	2684	1.13	4.40	0.125	1585	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	475	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2027	2684	1.13	4.40	0.125	1585	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	475	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2028	2424	0.99	3.85	0.109	1386	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	415	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2029	2197	0.86	3.36	0.096	1211	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	363	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2030	1998	0.76	2.94	0.083	1059	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	317	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2031	1825	0.66	2.57	0.073	925	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	277	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2032	1673	0.58	2.25	0.064	809	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	242	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2033	1540	0.50	1.96	0.056	707	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	212	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2034	1424	0.44	1.72	0.049	618	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	185	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2035	1323	0.39	1.50	0.043	540	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	162	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2036	1234	0.34	1.31	0.037	472	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	142	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2037	1157	0.34	1.31	0.037	413	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	124	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2038	1089	0.34	1.31	0.037	361	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	108	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2039	1030	0.34	1.31	0.037	315	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	95	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2040	979	0.34	1.31	0.037	276	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	83	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2041	934	0.34	1.31	0.037	241	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	72	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2042	894	0.34	1.31	0.037	211	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	63	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2043	860	0.34	1.31	0.037	184	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	55	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2044+	860	0.34	1.31	0.037	184	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.000935	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	55	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
WES03																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	2820	1.13	4.40	0.125	1505	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	451	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2027	2820	1.13	4.40	0.125	1505	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	451	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2028	2573	0.99	3.85	0.109	1316	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	394	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2029	2357	0.86	3.36	0.096	1150	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	345	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2030	2169	0.76	2.94	0.083	1005	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	301	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2031	2004	0.66	2.57	0.073	879	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	263	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2032	1859	0.58	2.25	0.064	768	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	230	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2033	1733	0.50	1.96	0.056	671	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	201	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2034	1623	0.44	1.72	0.049	587	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	176	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2035	1527	0.39	1.50	0.043	513	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	154	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2036	1443	0.34	1.31	0.037	448	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	134	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2037	1370	0.34	1.31	0.037	392	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	117	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2038	1305	0.34	1.31	0.037	343	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	103	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2039	1249	0.34	1.31	0.037	299	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	90	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2040	1200	0.34	1.31	0.037	262	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	78	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2041	1158	0.34	1.31	0.037	229	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	69	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2042	1120	0.34	1.31	0.037	200	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	60	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2043	1087	0.34	1.31	0.037	175	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	52	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2044+	1087	0.34	1.31	0.037	175	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.0007937	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	52	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
WES04																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	1724	1.13	4.40	0.125	915	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.0007461	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	274	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2035	1574	0.99	3.85	0.109	800	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.0007461	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	240	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2036	1442	0.86	3.36	0.096	699	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.0007461	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	210	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2037	1328	0.86	3.36	0.096	611	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.0007461	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	183	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2038	1228	0.86	3.36	0.096	534	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.0007461	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	160	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2039	1140	0.86	3.36	0.096	467	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.0007461	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	140	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2040	1064	0.86	3.36	0.096	408	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.0007461	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	122	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2041	997	0.86	3.36	0.096	357	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.0007461	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	107	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2042	939	0.86	3.36	0.096	312	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.0007461	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	93	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2043	888	0.86	3.36	0.096	272	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.0007461	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	82	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2044+	888	0.86	3.36	0.096	272	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.0007461	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	82	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0

Appendix C.1-6: WRSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
WRSF1																						
2020	4400	3.660	8.430	0.4650	1080.0	0.756	785	0	0	0.0000038	0.044	0.033	1.310	0.166	0.0000332	143	0.000261	0.0136	0.00131	0.0143	0.0291	0.000100
2021	4323	3.660	16.860	0.4650	1416.0	0.756	772	0	0	0.0000045	0.036	0.032	1.310	0.158	0.0000321	141	0.000258	0.0129	0.00133	0.0152	0.0298	0.000100
2022	4576	5.490	42.150	0.4650	1896.0	0.756	976	0	0	0.0000061	0.037	0.030	1.310	0.149	0.0000310	126	0.000257	0.0120	0.00146	0.0175	0.0291	0.000100
2023	5423	8.000	39.360	0.4070	1932.0	0.756	1148	0	0	0.0000061	0.029	0.030	1.310	0.149	0.0000310	126	0.000257	0.0120	0.00146	0.0175	0.0291	0.000100
2024	4930	5.600	27.950	0.3550	1694.0	0.756	861	0	0	0.0000061	0.033	0.030	1.310	0.149	0.0000310	126	0.000257	0.0120	0.00146	0.0175	0.0291	0.000100
2025	3439	4.895	24.430	0.3103	1480.7	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100
2026	3163	4.278	21.354	0.2712	1294.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100
2027	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100
2028	4644	6.396	36.079	0.4066	2031.5	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100
2029	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100
2030	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100
2031	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100
2032	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100
2033	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100
2034	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100
2035	4644	6.396	36.079	0.4066	2031.5	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100
2036	4215	5.590	31.536	0.3554	1775.7	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100
2037	3829	4.886	27.565	0.3106	1552.1	0.749	866	0	0	0.0000136	0.030	0.021	1.297	0.077	0.0000208	190	0.000227	0.0315	0.00170	0.0175	0.0365	0.000099
2038	3490	4.271	24.093	0.2715	1356.6	0.742	857	0	0	0.0000135	0.030	0.021	1.285	0.076	0.0000206	188	0.000225	0.0312	0.00168	0.0173	0.0362	0.000098
2039	3192	3.733	21.059	0.2373	1185.8	0.734	849	0	0	0.0000134	0.030	0.021	1.272	0.076	0.0000204	186	0.000223	0.0309	0.00166	0.0172	0.0358	0.000097
2040	2930	3.263	18.407	0.2074	1036.5	0.727	841	0	0	0.0000132	0.029	0.020	1.260	0.075	0.0000202	184	0.000221	0.0306	0.00165	0.0170	0.0355	0.000096
2041	2700	2.852	16.089	0.1813	906.0	0.720	832	0	0	0.0000131	0.029	0.020	1.247	0.074	0.0000200	182	0.000218	0.0303	0.00163	0.0168	0.0351	0.000095
2042	2498	2.493	14.063	0.1585	791.9	0.713	824	0	0	0.0000130	0.029	0.020	1.235	0.074	0.0000198	181	0.000216	0.0300	0.00161	0.0167	0.0348	0.000094
2043	2320	2.179	12.292	0.1385	692.2	0.706	816	0	0	0.0000128	0.028	0.020	1.223	0.073	0.0000197	179	0.000214	0.0297	0.00160	0.0165	0.0344	0.000093
2044	2163	1.905	10.744	0.1211	605.0	0.699	808	0	0	0.0000127	0.028	0.020	1.211	0.072	0.0000195	177	0.000212	0.0295	0.00158	0.0163	0.0341	0.000092
2045	2024	1.665	9.391	0.1058	528.8	0.693	800	0	0	0.0000126	0.028	0.019	1.200	0.071	0.0000193	175	0.000210	0.0292	0.00157	0.0162	0.0338	0.000092
2046	1902	1.455	8.209	0.0925	462.2	0.686	793	0	0	0.0000125	0.028	0.019	1.188	0.071	0.0000191	174	0.000208	0.0289	0.00155	0.0160	0.0334	0.000091
2047	1794	1.272	7.175	0.0809	404.0	0.679	785	0	0	0.0000124	0.027	0.019	1.176	0.070	0.0000189	172	0.000206	0.0286	0.00154	0.0159	0.0331	0.000090
2048	1698	1.112	6.271	0.0707	353.1	0.673	777	0	0	0.0000122	0.027	0.019	1.165	0.069	0.0000187	170	0.000204	0.0283	0.00152	0.0157	0.0328	0.000089
2049	1613	0.972	5.482	0.0618	308.7	0.666	770	0	0	0.0000121	0.027	0.019	1.153	0.069	0.0000185	169	0.000202	0.0281	0.00151	0.0156	0.0325	0.000088
2050	1537	0.849	4.791	0.0540	269.8	0.659	762	0	0	0.0000120	0.027	0.019	1.142	0.068	0.0000183	167	0.000200	0.0278	0.00149	0.0154	0.0322	0.000087
2051	1470	0.742	4.188	0.0472	235.8	0.653	755	0	0	0.0000119	0.026	0.018	1.131	0.067	0.0000182	165	0.000198	0.0275	0.00148	0.0153	0.0318	0.000086
2052	1410	0.649	3.661	0.0413	206.1	0.647	747	0	0	0.0000118	0.026	0.018	1.120	0.067	0.0000180	164	0.000196	0.0272	0.00146	0.0151	0.0315	0.000086
2053	1357	0.567	3.200	0.0361	180.2	0.640	740	0	0	0.0000116	0.026	0.018	1.109	0.066	0.0000178	162	0.000194	0.0270	0.00145	0.0150	0.0312	0.000085
2054	1309	0.496	2.797	0.0315	157.5	0.634	733	0	0	0.0000115	0.026	0.018	1.098	0.065	0.0000176	161	0.000192	0.0267	0.00144	0.0148	0.0309	0.000084
2055	1265	0.433	2.445	0.0275	137.6	0.628	726	0	0	0.0000114	0.025	0.018	1.088	0.065	0.0000175	159	0.000190	0.0265	0.00142	0.0147	0.0306	0.000083
2056	1227	0.379	2.137	0.0241	120.3	0.622	719	0	0	0.0000113	0.025	0.017	1.077	0.064	0.0000173	158	0.000189	0.0262	0.00141	0.0145	0.0303	0.000082
2057	1192	0.331	1.868	0.0210	105.2	0.616	712	0	0	0.0000112	0.025	0.017	1.067	0.063	0.0000171	156	0.000187	0.0259	0.00139	0.0144	0.0300	0.000081
2058	1160	0.289	1.632	0.0184	91.9	0.610	705	0	0	0.0000111	0.025	0.017	1.056	0.063	0.0000170	155	0.000185	0.0257	0.00138	0.0142	0.0297	0.000081
2059	1131	0.253	1.427	0.0161	80.3	0.604	698	0	0	0.0000110	0.024	0.017	1.046	0.062	0.0000168	153	0.000183	0.0254	0.00137	0.0141	0.0294	0.000080
2060	1104	0.221	1.247	0.0141	70.2	0.598	691	0	0	0.0000109	0.024	0.017	1.036	0.062	0.0000166	152	0.000181	0.0252	0.00135	0.0140	0.0292	0.000079
2061	1080	0.193	1.090	0.0123	61.4	0.592	684	0	0	0.0000108	0.024	0.017	1.026	0.061	0.0000165	150	0.000180	0.0249	0.00134	0.0138	0.0289	0.000078
2062	1058	0.169	0.953	0.0107	53.7	0.586	678	0	0	0.0000107	0.024	0.016	1.016	0.060	0.0000163	149	0.000178	0.0247	0.00133	0.0137	0.0286	0.000078
2063	1038	0.148	0.833	0.0094	46.9	0.581	671	0	0	0.0000106	0.023	0.016	1.006	0.060	0.0000162	147	0.000176	0.0245	0.00131	0.0136	0.0283	0.000077
2064	1019	0.129	0.728	0.0082	41.0	0.575	665	0	0	0.0000105	0.023	0.016	0.996	0.059	0.0000160	146	0.000174	0.0242	0.00130	0.0134	0.0280	0.000076
2065	1001	0.113	0.636	0.0072	35.8	0.569	658	0	0	0.0000104	0.023	0.016	0.986	0.059	0.0000158	144	0.000173	0.0240	0.00129	0.0133	0.0278	0.000075
2066	984	0.099	0.556	0.0063	31.3	0.564	652	0	0	0.0000103	0.023	0.016	0.977	0.058	0.0000157	143	0.000171	0.0238	0.00128	0.0132	0.0275	0.000075
2067	969	0.086	0.486	0.0055	27.4	0.558	645	0	0	0.0000102	0.022	0.016	0.967	0.058	0.0000155	141	0.000169	0.0235	0.00126	0.0130	0.0272	0.000074
2068	954	0.075	0.425	0.0048	23.9	0.553	639	0	0	0.0000101	0.022	0.016	0.958	0.057	0.0000154	140	0.000168	0.0233	0.00125	0.0129	0.0270	0.000073
2069	941	0.066	0.371	0.0042	20.9	0.548	633	0	0	0.0000100	0.022	0.015	0.948	0.056	0.0000152	139	0.000166	0.0231	0.00124	0.0128	0.0267	0.000072
2070	928	0.058	0.325	0.0037	18.3	0.542	627	0	0	0.0000099	0.022	0.015	0.939	0.056	0.0000151	137	0.000164	0.0228	0.00123	0.0127	0.0264	0.000072
2071	915	0.050	0.284	0.0032	16.0	0.537	621	0	0	0.0000098	0.022	0.015	0.930	0.055	0.0000149	136	0.000163	0.0226	0.00122	0.0125	0.0262	0.000071
2072	904	0.044	0.248	0.0028	14.0	0.532	614	0	0	0.0000097	0.021	0.015	0.921	0.055	0.0000148	135	0.000161	0.0224	0.00120	0.0124	0.0259	0.000070
2073	892	0.038	0.217	0.0024	12.2	0.527	608	0	0	0.0000096	0.021	0.015	0.912	0.054	0.0000147	133	0.000160	0.0222	0.00119	0.0123	0.0257	0.000070
2074	882	0.034	0.189	0.0021	10.7	0.521	603	0	0	0.0000095	0.021	0.015	0.903	0.054	0.0000145	132	0.000158	0.0220	0.00118	0.0122	0.0254	0.000069
2075	871	0.029	0.166	0.0019	9.3	0.516	597	0	0	0.0000094	0.021	0.015	0.894	0.053	0.0000144	131	0.000157	0.0217	0.00117	0.0121	0.0252	0.000068
2076	861	0.026	0.145	0.0016	8.2	0.511	591	0	0	0.0000093	0.021	0.014	0.886	0.053	0.0000142	130	0.000155	0.0215	0.00116	0.0119	0.0249	0.000068
2077	851	0.022	0.127	0.0014	7.1	0.506	585	0	0	0.0000092	0.020	0.014	0.877	0.052	0.0000141	128	0.000154	0.0213	0.00115	0.0118	0.0247	0.000067
2078	842	0.020	0.111	0.0012	6.2	0.501	579	0	0	0.0000091	0.020	0.014	0.868	0.052	0.0000140	127	0.000152	0.0211	0.00113	0.0117	0.0244	0.000066
2079	833	0.017	0.097	0.0011	5.4	0.496	574	0	0	0.0000090	0.020	0.014	0.860	0.051	0.0000138	126	0.000151	0.0209	0.00112	0.0116	0.0242	0.000066
2080	824	0.015	0.085	0.0010	4.8	0.492	568	0	0	0.0000089	0.020	0.014	0.852	0.051	0.0000137	125	0.000149	0.0207	0.00111	0.0115	0.0240	0.000065
2081	815	0.013	0.074	0.0008	4.2	0.487	563	0	0	0.0000089	0.020	0.014	0.843	0.050	0.0000135	123	0.000148	0.0205	0.00110	0.0114	0.0237	0.000064
2082	807	0.011	0.065	0.0007	3.6	0.482	557	0	0	0.0000088	0.019	0.014	0.835	0.050	0.0000134	122	0.000146	0.0203	0.00109	0.0113	0.0235	0.000064

Appendix C.1-6: WRSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2083	798	0.010	0.056	0.0006	3.2	0.477	552	0	0	0.0000087	0.019	0.013	0.827	0.049	0.0000133	121	0.000145	0.0201	0.00108	0.0112	0.0233	0.000063
2084	790	0.009	0.049	0.0006	2.8	0.473	546	0	0	0.0000086	0.019	0.013	0.819	0.049	0.0000132	120	0.000143	0.0199	0.00107	0.0110	0.0231	0.000063
2085	782	0.008	0.043	0.0005	2.4	0.468	541	0	0	0.0000085	0.019	0.013	0.811	0.048	0.0000130	119	0.000142	0.0197	0.00106	0.0109	0.0228	0.000062
2086	774	0.007	0.038	0.0004	2.1	0.464	536	0	0	0.0000084	0.019	0.013	0.803	0.048	0.0000129	117	0.000141	0.0195	0.00105	0.0108	0.0226	0.000061
2087	767	0.006	0.033	0.0004	1.9	0.459	531	0	0	0.0000083	0.018	0.013	0.795	0.047	0.0000128	116	0.000139	0.0193	0.00104	0.0107	0.0224	0.000061
2088	759	0.005	0.029	0.0003	1.6	0.455	525	0	0	0.0000083	0.018	0.013	0.787	0.047	0.0000126	115	0.000138	0.0191	0.00103	0.0106	0.0222	0.000060
2089	752	0.004	0.025	0.0003	1.4	0.450	520	0	0	0.0000082	0.018	0.013	0.780	0.046	0.0000125	114	0.000137	0.0190	0.00102	0.0105	0.0219	0.000060
2090	744	0.004	0.022	0.0002	1.2	0.446	515	0	0	0.0000081	0.018	0.013	0.772	0.046	0.0000124	113	0.000135	0.0188	0.00101	0.0104	0.0217	0.000059
2091	737	0.003	0.019	0.0002	1.1	0.441	510	0	0	0.0000080	0.018	0.012	0.765	0.045	0.0000123	112	0.000134	0.0186	0.00100	0.0103	0.0215	0.000058
2092	730	0.003	0.017	0.0002	0.9	0.437	505	0	0	0.0000080	0.018	0.012	0.757	0.045	0.0000122	111	0.000133	0.0184	0.00099	0.0102	0.0213	0.000058
2093	723	0.003	0.015	0.0002	0.8	0.433	500	0	0	0.0000079	0.017	0.012	0.750	0.045	0.0000120	110	0.000131	0.0182	0.00098	0.0101	0.0211	0.000057
2094	716	0.002	0.013	0.0001	0.7	0.429	495	0	0	0.0000078	0.017	0.012	0.742	0.044	0.0000119	109	0.000130	0.0181	0.00097	0.0100	0.0209	0.000057
2095	709	0.002	0.011	0.0001	0.6	0.424	491	0	0	0.0000077	0.017	0.012	0.735	0.044	0.0000118	108	0.000129	0.0179	0.00096	0.0099	0.0207	0.000056
2096	702	0.002	0.010	0.0001	0.6	0.420	486	0	0	0.0000076	0.017	0.012	0.728	0.043	0.0000117	107	0.000128	0.0177	0.00095	0.0098	0.0205	0.000056
2097	696	0.002	0.009	0.0001	0.5	0.416	481	0	0	0.0000076	0.017	0.012	0.721	0.043	0.0000116	105	0.000126	0.0175	0.00094	0.0097	0.0203	0.000055
2098	689	0.001	0.007	0.0001	0.4	0.412	476	0	0	0.0000075	0.017	0.012	0.714	0.042	0.0000115	104	0.000125	0.0174	0.00093	0.0096	0.0201	0.000055
2099	683	0.001	0.007	0.0001	0.4	0.408	472	0	0	0.0000074	0.016	0.011	0.707	0.042	0.0000114	103	0.000124	0.0172	0.00092	0.0095	0.0199	0.000054
2100	676	0.001	0.006	0.0001	0.3	0.404	467	0	0	0.0000074	0.016	0.011	0.700	0.042	0.0000112	102	0.000123	0.0170	0.00091	0.0094	0.0197	0.000053
WRSF3																						
2020	6525	21.960	28.100	0.4650	2940.0	0.756	1426	0	0	0.0000059	0.032	0.035	1.310	0.141	0.0000280	156	0.000201	0.0302	0.00107	0.0167	0.0273	0.000100
2021	5910	11.200	36.900	0.4070	1710.0	0.756	1426	0	0	0.0000059	0.022	0.024	1.310	0.141	0.0000280	156	0.000201	0.0224	0.00107	0.0084	0.0273	0.000100
2022	7744	14.640	39.340	0.4650	2528.0	0.756	1492	0	0	0.0000061	0.026	0.015	1.310	0.149	0.0000310	126	0.000257	0.0208	0.00146	0.0100	0.0291	0.000100
2023	8175	3.660	19.670	0.4650	1617.0	0.756	1391	0	0	0.0000090	0.025	0.024	1.310	0.121	0.0000271	117	0.000245	0.0125	0.00151	0.0080	0.0316	0.000100
2024	7925	3.660	19.670	0.4650	2414.0	0.756	1344	0	0	0.0000082	0.025	0.024	1.310	0.131	0.0000285	113	0.000251	0.0160	0.00157	0.0077	0.0295	0.000100
2025	12434	7.317	26.267	0.4652	6194.1	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100
2026	12434	7.317	26.267	0.4652	6194.1	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100
2027	12434	7.317	26.267	0.4652	6194.1	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100
2028	11138	6.396	22.959	0.4066	5414.1	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100
2029	10006	5.590	20.068	0.3554	4732.3	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100
2030	9015	4.886	17.541	0.3106	4136.4	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100
2031	8150	4.271	15.332	0.2715	3615.5	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100
2032	7394	3.733	13.401	0.2373	3160.2	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100
2033	6732	3.263	11.714	0.2074	2762.2	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100
2034	6155	2.852	10.239	0.1813	2414.4	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100
2035	5649	2.493	8.949	0.1585	2110.4	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100
2036	5208	2.179	7.822	0.1385	1844.6	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100
2037	4801	1.905	6.837	0.1211	1612.3	0.749	1520	0	0	0.0000090	0.024	0.022	1.297	0.114	0.0000261	333	0.000230	0.0351	0.00131	0.0059	0.0346	0.000099
2038	4444	1.665	5.976	0.1058	1409.3	0.742	1506	0	0	0.0000090	0.023	0.022	1.285	0.113	0.0000259	330	0.000227	0.0347	0.00129	0.0058	0.0343	0.000098
2039	4129	1.455	5.224	0.0925	1231.8	0.734	1491	0	0	0.0000089	0.023	0.022	1.272	0.112	0.0000256	327	0.000225	0.0344	0.00128	0.0057	0.0339	0.000097
2040	3851	1.272	4.566	0.0809	1076.7	0.727	1476	0	0	0.0000088	0.023	0.021	1.260	0.111	0.0000254	324	0.000223	0.0341	0.00127	0.0057	0.0336	0.000096
2041	3606	1.112	3.991	0.0707	941.1	0.720	1462	0	0	0.0000087	0.023	0.021	1.247	0.110	0.0000251	321	0.000221	0.0337	0.00126	0.0056	0.0333	0.000095
2042	3389	0.972	3.488	0.0618	822.6	0.713	1448	0	0	0.0000086	0.023	0.021	1.235	0.109	0.0000249	317	0.000219	0.0334	0.00124	0.0056	0.0330	0.000094
2043	3198	0.849	3.049	0.0540	719.0	0.706	1434	0	0	0.0000085	0.022	0.021	1.223	0.108	0.0000246	314	0.000217	0.0331	0.00123	0.0055	0.0326	0.000093
2044	3028	0.742	2.665	0.0472	628.5	0.699	1420	0	0	0.0000084	0.022	0.021	1.211	0.107	0.0000244	311	0.000214	0.0327	0.00122	0.0055	0.0323	0.000092
2045	2877	0.649	2.329	0.0413	549.3	0.693	1406	0	0	0.0000084	0.022	0.020	1.200	0.106	0.0000241	308	0.000212	0.0324	0.00121	0.0054	0.0320	0.000092
2046	2744	0.567	2.036	0.0361	480.1	0.686	1392	0	0	0.0000083	0.022	0.020	1.188	0.105	0.0000239	305	0.000210	0.0321	0.00120	0.0054	0.0317	0.000091
2047	2624	0.496	1.780	0.0315	419.7	0.679	1379	0	0	0.0000082	0.021	0.020	1.176	0.104	0.0000237	302	0.000208	0.0318	0.00118	0.0053	0.0314	0.000090
2048	2518	0.433	1.556	0.0275	366.8	0.673	1365	0	0	0.0000081	0.021	0.020	1.165	0.103	0.0000234	299	0.000206	0.0315	0.00117	0.0053	0.0311	0.000089
2049	2423	0.379	1.360	0.0241	320.6	0.666	1352	0	0	0.0000080	0.021	0.020	1.153	0.102	0.0000232	296	0.000204	0.0312	0.00116	0.0052	0.0308	0.000088
2050	2338	0.331	1.188	0.0210	280.3	0.659	1339	0	0	0.0000080	0.021	0.019	1.142	0.101	0.0000230	294	0.000202	0.0309	0.00115	0.0052	0.0305	0.000087
2051	2261	0.289	1.039	0.0184	245.0	0.653	1326	0	0	0.0000079	0.021	0.019	1.131	0.100	0.0000228	291	0.000200	0.0306	0.00114	0.0051	0.0302	0.000086
2052	2192	0.253	0.908	0.0161	214.1	0.647	1313	0	0	0.0000078	0.020	0.019	1.120	0.099	0.0000225	288	0.000198	0.0303	0.00113	0.0051	0.0299	0.000086
2053	2130	0.221	0.794	0.0141	187.2	0.640	1300	0	0	0.0000077	0.020	0.019	1.109	0.098	0.0000223	285	0.000196	0.0300	0.00112	0.0050	0.0296	0.000085
2054	2073	0.193	0.694	0.0123	163.6	0.634	1287	0	0	0.0000077	0.020	0.019	1.098	0.097	0.0000221	282	0.000194	0.0297	0.00111	0.0050	0.0293	0.000084
2055	2022	0.169	0.606	0.0107	143.0	0.628	1275	0	0	0.0000076	0.020	0.019	1.088	0.096	0.0000219	279	0.000193	0.0294	0.00110	0.0049	0.0290	0.000083
2056	1975	0.148	0.530	0.0094	125.0	0.622	1262	0	0	0.0000075	0.020	0.018	1.077	0.095	0.0000217	277	0.000191	0.0291	0.00108	0.0049	0.0287	0.000082
2057	1931	0.129	0.463	0.0082	109.2	0.616	1250	0	0	0.0000074	0.019	0.018	1.067	0.094	0.0000215	274	0.000189	0.0288	0.00107	0.0048	0.0285	0.000081
2058	1892	0.113	0.405	0.0072	95.5	0.610	1238	0	0	0.0000074	0.019	0.018	1.056	0.093	0.0000213	271	0.000187	0.0285	0.00106	0.0048	0.0282	0.000081
2059	1855	0.099	0.354	0.0063	83.5	0.604	1226	0	0	0.0000073	0.019	0.018	1.046	0.092	0.0000211	269	0.000185	0.0283	0.00105	0.0047	0.0279	0.000080
2060	1821	0.086	0.309	0.0055	73.0	0.598	1214	0	0	0.0000072	0.019	0.018	1.036	0.091	0.0000208	266	0.000183	0.0280	0.00104	0.0047	0.0276	0.000079
2061	1790	0.075	0.270	0.0048	63.8	0.592	1202	0	0	0.0000071	0.019	0.017	1.026	0.090	0.0000206	264	0.000182	0.0277	0.00103	0.0046	0.0274	0.000078
2062	1760	0.066	0.236	0.0042	55.7	0.586	1190	0	0	0.0000071	0.019	0.017	1.016	0.090	0.0000204	261	0.000180	0.0275	0.00102	0.0046	0.0271	0.000078
2063	1733	0.058	0.207	0.0037	48.7	0.581	1179	0	0	0.0000070	0.018	0.017	1.006	0.089	0.0000202	258	0.000178	0.0272	0.00101	0.0045	0.0268	0.000077
2064	1707	0.050	0.181	0.0032	42.6	0.575	1167	0	0	0.0000069	0.018	0.017	0.996	0.088	0.0000200	256	0.000176	0.0269	0.00100	0.0045	0.0266	0.000076

Appendix C.1-6: WRSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2065	1682	0.044	0.158	0.0028	37.2	0.569	1156	0	0	0.0000069	0.018	0.017	0.986	0.087	0.0000198	253	0.000175	0.0267	0.00099	0.0045	0.0263	0.000075
2066	1659	0.038	0.138	0.0024	32.5	0.564	1145	0	0	0.0000068	0.018	0.017	0.977	0.086	0.0000197	251	0.000173	0.0264	0.00098	0.0044	0.0261	0.000075
2067	1636	0.034	0.121	0.0021	28.4	0.558	1133	0	0	0.0000067	0.018	0.016	0.967	0.085	0.0000195	249	0.000171	0.0261	0.00097	0.0044	0.0258	0.000074
2068	1615	0.029	0.105	0.0019	24.9	0.553	1122	0	0	0.0000067	0.018	0.016	0.958	0.084	0.0000193	246	0.000170	0.0259	0.00096	0.0043	0.0256	0.000073
2069	1595	0.026	0.092	0.0016	21.7	0.548	1111	0	0	0.0000066	0.017	0.016	0.948	0.084	0.0000191	244	0.000168	0.0256	0.00096	0.0043	0.0253	0.000072
2070	1576	0.022	0.081	0.0014	19.0	0.542	1101	0	0	0.0000065	0.017	0.016	0.939	0.083	0.0000189	241	0.000166	0.0254	0.00095	0.0042	0.0251	0.000072
2071	1557	0.020	0.070	0.0012	16.6	0.537	1090	0	0	0.0000065	0.017	0.016	0.930	0.082	0.0000187	239	0.000165	0.0251	0.00094	0.0042	0.0248	0.000071
2072	1539	0.017	0.062	0.0011	14.5	0.532	1079	0	0	0.0000064	0.017	0.016	0.921	0.081	0.0000185	237	0.000163	0.0249	0.00093	0.0042	0.0246	0.000070
2073	1521	0.015	0.054	0.0010	12.7	0.527	1069	0	0	0.0000064	0.017	0.016	0.912	0.080	0.0000184	234	0.000161	0.0247	0.00092	0.0041	0.0243	0.000070
2074	1504	0.013	0.047	0.0008	11.1	0.521	1058	0	0	0.0000063	0.017	0.015	0.903	0.080	0.0000182	232	0.000160	0.0244	0.00091	0.0041	0.0241	0.000069
2075	1488	0.011	0.041	0.0007	9.7	0.516	1048	0	0	0.0000062	0.016	0.015	0.894	0.079	0.0000180	230	0.000158	0.0242	0.00090	0.0040	0.0239	0.000068
2076	1471	0.010	0.036	0.0006	8.5	0.511	1038	0	0	0.0000062	0.016	0.015	0.886	0.078	0.0000178	228	0.000157	0.0239	0.00089	0.0040	0.0236	0.000068
2077	1456	0.009	0.031	0.0006	7.4	0.506	1028	0	0	0.0000061	0.016	0.015	0.877	0.077	0.0000176	225	0.000155	0.0237	0.00088	0.0040	0.0234	0.000067
2078	1440	0.008	0.027	0.0005	6.5	0.501	1018	0	0	0.0000061	0.016	0.015	0.868	0.077	0.0000175	223	0.000154	0.0235	0.00087	0.0039	0.0232	0.000066
2079	1425	0.007	0.024	0.0004	5.7	0.496	1008	0	0	0.0000060	0.016	0.015	0.860	0.076	0.0000173	221	0.000152	0.0232	0.00087	0.0039	0.0229	0.000066
2080	1411	0.006	0.021	0.0004	4.9	0.492	998	0	0	0.0000059	0.016	0.014	0.852	0.075	0.0000171	219	0.000151	0.0230	0.00086	0.0038	0.0227	0.000065
2081	1396	0.005	0.018	0.0003	4.3	0.487	988	0	0	0.0000059	0.015	0.014	0.843	0.074	0.0000170	217	0.000149	0.0228	0.00085	0.0038	0.0225	0.000064
2082	1382	0.004	0.016	0.0003	3.8	0.482	979	0	0	0.0000058	0.015	0.014	0.835	0.074	0.0000168	215	0.000148	0.0226	0.00084	0.0038	0.0223	0.000064
2083	1368	0.004	0.014	0.0002	3.3	0.477	969	0	0	0.0000058	0.015	0.014	0.827	0.073	0.0000166	212	0.000146	0.0224	0.00083	0.0037	0.0221	0.000063
2084	1354	0.003	0.012	0.0002	2.9	0.473	960	0	0	0.0000057	0.015	0.014	0.819	0.072	0.0000165	210	0.000145	0.0221	0.00082	0.0037	0.0219	0.000063
2085	1341	0.003	0.011	0.0002	2.5	0.468	950	0	0	0.0000057	0.015	0.014	0.811	0.071	0.0000163	208	0.000144	0.0219	0.00082	0.0037	0.0216	0.000062
2086	1328	0.003	0.009	0.0002	2.2	0.464	941	0	0	0.0000056	0.015	0.014	0.803	0.071	0.0000162	206	0.000142	0.0217	0.00081	0.0036	0.0214	0.000061
2087	1315	0.002	0.008	0.0001	1.9	0.459	932	0	0	0.0000055	0.015	0.014	0.795	0.070	0.0000160	204	0.000141	0.0215	0.00080	0.0036	0.0212	0.000061
2088	1302	0.002	0.007	0.0001	1.7	0.455	923	0	0	0.0000055	0.014	0.013	0.787	0.069	0.0000158	202	0.000139	0.0213	0.00079	0.0036	0.0210	0.000060
2089	1289	0.002	0.006	0.0001	1.5	0.450	914	0	0	0.0000054	0.014	0.013	0.780	0.069	0.0000157	200	0.000138	0.0211	0.00079	0.0035	0.0208	0.000060
2090	1276	0.002	0.005	0.0001	1.3	0.446	905	0	0	0.0000054	0.014	0.013	0.772	0.068	0.0000155	198	0.000137	0.0209	0.00078	0.0035	0.0206	0.000059
2091	1264	0.001	0.005	0.0001	1.1	0.441	896	0	0	0.0000053	0.014	0.013	0.765	0.067	0.0000154	196	0.000135	0.0207	0.00077	0.0035	0.0204	0.000058
2092	1252	0.001	0.004	0.0001	1.0	0.437	887	0	0	0.0000053	0.014	0.013	0.757	0.067	0.0000152	195	0.000134	0.0205	0.00076	0.0034	0.0202	0.000058
2093	1239	0.001	0.004	0.0001	0.9	0.433	879	0	0	0.0000052	0.014	0.013	0.750	0.066	0.0000151	193	0.000133	0.0203	0.00076	0.0034	0.0200	0.000057
2094	1227	0.001	0.003	0.0001	0.8	0.429	870	0	0	0.0000052	0.014	0.013	0.742	0.065	0.0000149	191	0.000131	0.0201	0.00075	0.0034	0.0198	0.000057
2095	1216	0.001	0.003	0.0000	0.7	0.424	862	0	0	0.0000051	0.013	0.013	0.735	0.065	0.0000148	189	0.000130	0.0199	0.00074	0.0033	0.0196	0.000056
2096	1204	0.001	0.002	0.0000	0.6	0.420	853	0	0	0.0000051	0.013	0.012	0.728	0.064	0.0000147	187	0.000129	0.0197	0.00073	0.0033	0.0194	0.000056
2097	1192	0.001	0.002	0.0000	0.5	0.416	845	0	0	0.0000050	0.013	0.012	0.721	0.064	0.0000145	185	0.000128	0.0195	0.00073	0.0033	0.0192	0.000055
2098	1181	0.001	0.002	0.0000	0.4	0.412	837	0	0	0.0000050	0.013	0.012	0.714	0.063	0.0000144	183	0.000126	0.0193	0.00072	0.0032	0.0191	0.000055
2099	1170	0.000	0.002	0.0000	0.4	0.408	829	0	0	0.0000049	0.013	0.012	0.707	0.062	0.0000142	182	0.000125	0.0191	0.00071	0.0032	0.0189	0.000054
2100	1158	0.000	0.001	0.0000	0.3	0.404	821	0	0	0.0000049	0.013	0.012	0.700	0.062	0.0000141	180	0.000124	0.0189	0.00071	0.0032	0.0187	0.000053
WRSF6																						
2020	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2021	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2022	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2023	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2024	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2025	19521	7.317	33.772	0.4652	9455.2	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100
2026	19521	7.317	33.772	0.4652	9455.2	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100
2027	17544	6.396	29.519	0.4066	8264.5	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100
2028	15816	5.590	25.802	0.3554	7223.7	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100
2029	14305	4.886	22.553	0.3106	6314.1	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100
2030	12985	4.271	19.713	0.2715	5518.9	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100
2031	19521	7.317	33.772	0.4652	9455.2	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100
2032	19521	7.317	33.772	0.4652	9455.2	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100
2033	19521	7.317	33.772	0.4652	9455.2	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100
2034	17544	6.396	29.519	0.4066	8264.5	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100
2035	15816	5.590	25.802	0.3554	7223.7	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100
2036	14305	4.886	22.553	0.3106	6314.1	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100
2037	12948	4.271	19.713	0.2715	5518.9	0.749	2798	0	0	0.0000027	0.023	0.010	1.297	0.019	0.0000100	613	0.000276	0.0066	0.00190	0.0166	0.0445	0.000099
2038	11757	3.733	17.230	0.2373	4824.0	0.742	2770	0	0	0.0000026	0.023	0.010	1.285	0.019	0.0000099	607	0.000274	0.0065	0.00188	0.0164	0.0440	0.000098
2039	10712	3.263	15.061	0.2074	4216.5	0.734	2743	0	0	0.0000026	0.023	0.010	1.272	0.019	0.0000098	601	0.000271	0.0065	0.00187	0.0162	0.0436	0.000097
2040	9794	2.852	13.164	0.1813	3685.5	0.727	2717	0	0	0.0000026	0.023	0.010	1.260	0.018	0.0000097	596	0.000268	0.0064	0.00185	0.0161	0.0432	0.000096
2041	8988	2.493	11.506	0.1585	3221.4	0.720	2690	0	0	0.0000026	0.022	0.010	1.247	0.018	0.0000096	590	0.000266	0.0064	0.00183	0.0159	0.0428	0.000095
2042	8279	2.179	10.057	0.1385	2815.7	0.713	2664	0	0	0.0000025	0.022	0.010	1.235	0.018	0.0000095	584	0.000263	0.0063	0.00181	0.0158	0.0424	0.000094
2043	7655	1.905	8.791	0.1211	2461.1	0.706	2638	0	0	0.0000025	0.022	0.010	1.223	0.018	0.0000094	578	0.000261	0.0062	0.00179	0.0156	0.0419	0.000093
2044	7106	1.665	7.684	0.1058	2151.2	0.699	2612	0	0	0.0000025	0.022	0.009	1.211	0.018	0.0000093	573	0.000258	0.0062	0.00178	0.0155	0.0415	0.000092
2045	6622	1.455	6.716	0.0925	1880.3	0.693	2587	0	0	0.0000025	0.022	0.009	1.200	0.018	0.0000092	567	0.000256	0.0061	0.00176	0.0153	0.0411	0.000092
2046	6195	1.272	5.870	0.0809	1643.5	0.686	2562	0	0	0.0000024	0.021	0.009	1.188	0.017	0.0000091	562	0.000253	0.0060	0.00174	0.0152	0.0407	0.000091

Appendix C.1-6: WRSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2047	5818	1.112	5.131	0.0707	1436.6	0.679	2537	0	0	0.0000024	0.021	0.009	1.176	0.017	0.0000090	556	0.000251	0.0060	0.00172	0.0150	0.0403	0.000090
2048	5484	0.972	4.485	0.0618	1255.7	0.673	2512	0	0	0.0000024	0.021	0.009	1.165	0.017	0.0000089	551	0.000248	0.0059	0.00171	0.0149	0.0399	0.000089
2049	5189	0.849	3.920	0.0540	1097.5	0.666	2488	0	0	0.0000024	0.021	0.009	1.153	0.017	0.0000089	545	0.000246	0.0059	0.00169	0.0147	0.0395	0.000088
2050	4927	0.742	3.427	0.0472	959.3	0.659	2463	0	0	0.0000023	0.021	0.009	1.142	0.017	0.0000088	540	0.000243	0.0058	0.00167	0.0146	0.0392	0.000087
2051	4694	0.649	2.995	0.0413	838.5	0.653	2439	0	0	0.0000023	0.020	0.009	1.131	0.017	0.0000087	535	0.000241	0.0058	0.00166	0.0144	0.0388	0.000086
2052	4486	0.567	2.618	0.0361	732.9	0.647	2416	0	0	0.0000023	0.020	0.009	1.120	0.016	0.0000086	530	0.000239	0.0057	0.00164	0.0143	0.0384	0.000086
2053	4302	0.496	2.288	0.0315	640.6	0.640	2392	0	0	0.0000023	0.020	0.009	1.109	0.016	0.0000085	524	0.000236	0.0056	0.00163	0.0142	0.0380	0.000085
2054	4136	0.433	2.000	0.0275	560.0	0.634	2369	0	0	0.0000023	0.020	0.009	1.098	0.016	0.0000084	519	0.000234	0.0056	0.00161	0.0140	0.0377	0.000084
2055	3988	0.379	1.748	0.0241	489.4	0.628	2346	0	0	0.0000022	0.020	0.008	1.088	0.016	0.0000084	514	0.000232	0.0055	0.00159	0.0139	0.0373	0.000083
2056	3855	0.331	1.528	0.0210	427.8	0.622	2323	0	0	0.0000022	0.019	0.008	1.077	0.016	0.0000083	509	0.000230	0.0055	0.00158	0.0137	0.0369	0.000082
2057	3735	0.289	1.336	0.0184	373.9	0.616	2300	0	0	0.0000022	0.019	0.008	1.067	0.016	0.0000082	504	0.000227	0.0054	0.00156	0.0136	0.0366	0.000081
2058	3627	0.253	1.167	0.0161	326.8	0.610	2278	0	0	0.0000022	0.019	0.008	1.056	0.015	0.0000081	499	0.000225	0.0054	0.00155	0.0135	0.0362	0.000081
2059	3529	0.221	1.020	0.0141	285.7	0.604	2256	0	0	0.0000022	0.019	0.008	1.046	0.015	0.0000080	495	0.000223	0.0053	0.00153	0.0133	0.0359	0.000080
2060	3440	0.193	0.892	0.0123	249.7	0.598	2234	0	0	0.0000021	0.019	0.008	1.036	0.015	0.0000080	490	0.000221	0.0053	0.00152	0.0132	0.0355	0.000079
2061	3358	0.169	0.780	0.0107	218.3	0.592	2212	0	0	0.0000021	0.018	0.008	1.026	0.015	0.0000079	485	0.000219	0.0052	0.00150	0.0131	0.0352	0.000078
2062	3284	0.148	0.681	0.0094	190.8	0.586	2190	0	0	0.0000021	0.018	0.008	1.016	0.015	0.0000078	480	0.000216	0.0052	0.00149	0.0130	0.0348	0.000078
2063	3215	0.129	0.596	0.0082	166.8	0.581	2169	0	0	0.0000021	0.018	0.008	1.006	0.015	0.0000077	476	0.000214	0.0051	0.00147	0.0128	0.0345	0.000077
2064	3152	0.113	0.521	0.0072	145.8	0.575	2148	0	0	0.0000020	0.018	0.008	0.996	0.015	0.0000076	471	0.000212	0.0051	0.00146	0.0127	0.0341	0.000076
2065	3093	0.099	0.455	0.0063	127.4	0.569	2127	0	0	0.0000020	0.018	0.008	0.986	0.014	0.0000076	466	0.000210	0.0050	0.00145	0.0126	0.0338	0.000075
2066	3039	0.086	0.398	0.0055	111.4	0.564	2106	0	0	0.0000020	0.018	0.008	0.977	0.014	0.0000075	462	0.000208	0.0050	0.00143	0.0125	0.0335	0.000075
2067	2988	0.075	0.348	0.0048	97.3	0.558	2086	0	0	0.0000020	0.017	0.008	0.967	0.014	0.0000074	457	0.000206	0.0049	0.00142	0.0123	0.0332	0.000074
2068	2940	0.066	0.304	0.0042	85.1	0.553	2065	0	0	0.0000020	0.017	0.007	0.958	0.014	0.0000074	453	0.000204	0.0049	0.00140	0.0122	0.0328	0.000073
2069	2896	0.058	0.266	0.0037	74.4	0.548	2045	0	0	0.0000020	0.017	0.007	0.948	0.014	0.0000073	448	0.000202	0.0048	0.00139	0.0121	0.0325	0.000072
2070	2853	0.050	0.232	0.0032	65.0	0.542	2025	0	0	0.0000019	0.017	0.007	0.939	0.014	0.0000072	444	0.000200	0.0048	0.00138	0.0120	0.0322	0.000072
2071	2813	0.044	0.203	0.0028	56.8	0.537	2006	0	0	0.0000019	0.017	0.007	0.930	0.014	0.0000071	440	0.000198	0.0047	0.00136	0.0119	0.0319	0.000071
2072	2775	0.038	0.177	0.0024	49.7	0.532	1986	0	0	0.0000019	0.017	0.007	0.921	0.013	0.0000071	435	0.000196	0.0047	0.00135	0.0118	0.0316	0.000070
2073	2739	0.034	0.155	0.0021	43.4	0.527	1967	0	0	0.0000019	0.016	0.007	0.912	0.013	0.0000070	431	0.000194	0.0046	0.00134	0.0116	0.0313	0.000070
2074	2704	0.029	0.136	0.0019	37.9	0.521	1948	0	0	0.0000019	0.016	0.007	0.903	0.013	0.0000069	427	0.000192	0.0046	0.00132	0.0115	0.0310	0.000069
2075	2671	0.026	0.118	0.0016	33.2	0.516	1929	0	0	0.0000018	0.016	0.007	0.894	0.013	0.0000069	423	0.000191	0.0046	0.00131	0.0114	0.0307	0.000068
2076	2638	0.022	0.104	0.0014	29.0	0.511	1910	0	0	0.0000018	0.016	0.007	0.886	0.013	0.0000068	419	0.000189	0.0045	0.00130	0.0113	0.0304	0.000068
2077	2607	0.020	0.090	0.0012	25.3	0.506	1891	0	0	0.0000018	0.016	0.007	0.877	0.013	0.0000067	415	0.000187	0.0045	0.00129	0.0112	0.0301	0.000067
2078	2577	0.017	0.079	0.0011	22.1	0.501	1873	0	0	0.0000018	0.016	0.007	0.868	0.013	0.0000067	411	0.000185	0.0044	0.00127	0.0111	0.0298	0.000066
2079	2548	0.015	0.069	0.0010	19.4	0.496	1855	0	0	0.0000018	0.015	0.007	0.860	0.013	0.0000066	407	0.000183	0.0044	0.00126	0.0110	0.0295	0.000066
2080	2520	0.013	0.060	0.0008	16.9	0.492	1836	0	0	0.0000018	0.015	0.007	0.852	0.012	0.0000065	403	0.000181	0.0043	0.00125	0.0109	0.0292	0.000065
2081	2492	0.011	0.053	0.0007	14.8	0.487	1819	0	0	0.0000017	0.015	0.007	0.843	0.012	0.0000065	399	0.000180	0.0043	0.00124	0.0108	0.0289	0.000064
2082	2465	0.010	0.046	0.0006	12.9	0.482	1801	0	0	0.0000017	0.015	0.006	0.835	0.012	0.0000064	395	0.000178	0.0043	0.00122	0.0107	0.0286	0.000064
2083	2439	0.009	0.040	0.0006	11.3	0.477	1783	0	0	0.0000017	0.015	0.006	0.827	0.012	0.0000063	391	0.000176	0.0042	0.00121	0.0106	0.0284	0.000063
2084	2413	0.008	0.035	0.0005	9.9	0.473	1766	0	0	0.0000017	0.015	0.006	0.819	0.012	0.0000063	387	0.000175	0.0042	0.00120	0.0104	0.0281	0.000063
2085	2388	0.007	0.031	0.0004	8.6	0.468	1749	0	0	0.0000017	0.015	0.006	0.811	0.012	0.0000062	383	0.000173	0.0041	0.00119	0.0103	0.0278	0.000062
2086	2364	0.006	0.027	0.0004	7.5	0.464	1732	0	0	0.0000017	0.014	0.006	0.803	0.012	0.0000062	380	0.000171	0.0041	0.00118	0.0102	0.0275	0.000061
2087	2339	0.005	0.024	0.0003	6.6	0.459	1715	0	0	0.0000016	0.014	0.006	0.795	0.012	0.0000061	376	0.000169	0.0040	0.00117	0.0101	0.0273	0.000061
2088	2316	0.004	0.021	0.0003	5.8	0.455	1698	0	0	0.0000016	0.014	0.006	0.787	0.012	0.0000060	372	0.000168	0.0040	0.00115	0.0100	0.0270	0.000060
2089	2292	0.004	0.018	0.0002	5.0	0.450	1682	0	0	0.0000016	0.014	0.006	0.780	0.011	0.0000060	369	0.000166	0.0040	0.00114	0.0099	0.0267	0.000060
2090	2269	0.003	0.016	0.0002	4.4	0.446	1665	0	0	0.0000016	0.014	0.006	0.772	0.011	0.0000059	365	0.000165	0.0039	0.00113	0.0099	0.0265	0.000059
2091	2246	0.003	0.014	0.0002	3.8	0.441	1649	0	0	0.0000016	0.014	0.006	0.765	0.011	0.0000059	362	0.000163	0.0039	0.00112	0.0098	0.0262	0.000058
2092	2224	0.003	0.012	0.0002	3.4	0.437	1633	0	0	0.0000016	0.014	0.006	0.757	0.011	0.0000058	358	0.000161	0.0039	0.00111	0.0097	0.0260	0.000058
2093	2202	0.002	0.011	0.0001	2.9	0.433	1617	0	0	0.0000015	0.013	0.006	0.750	0.011	0.0000058	355	0.000160	0.0038	0.00110	0.0096	0.0257	0.000057
2094	2180	0.002	0.009	0.0001	2.6	0.429	1601	0	0	0.0000015	0.013	0.006	0.742	0.011	0.0000057	351	0.000158	0.0038	0.00109	0.0095	0.0255	0.000057
2095	2159	0.002	0.008	0.0001	2.2	0.424	1586	0	0	0.0000015	0.013	0.006	0.735	0.011	0.0000056	348	0.000157	0.0037	0.00108	0.0094	0.0252	0.000056
2096	2138	0.002	0.007	0.0001	2.0	0.420	1570	0	0	0.0000015	0.013	0.006	0.728	0.011	0.0000056	344	0.000155	0.0037	0.00107	0.0093	0.0250	0.000056
2097	2117	0.001	0.006	0.0001	1.7	0.416	1555	0	0	0.0000015	0.013	0.006	0.721	0.011	0.0000055	341	0.000154	0.0037	0.00106	0.0092	0.0247	0.000055
2098	2096	0.001	0.005	0.0001	1.5	0.412	1540	0	0	0.0000015	0.013	0.006	0.714	0.010	0.0000055	338	0.000152	0.0036	0.00105	0.0091	0.0245	0.000055
2099	2075	0.001	0.005	0.0001	1.3	0.408	1525	0	0	0.0000015	0.013	0.005	0.707	0.010	0.0000054	334	0.000151	0.0036	0.00104	0.0090	0.0242	0.000054
2100	2055	0.001	0.004	0.0001	1.1	0.404	1510	0	0	0.0000014	0.013	0.005	0.700	0.010	0.0000054	331	0.000149	0.0036	0.00103	0.0089	0.0240	0.000053
WRSF7																						
2020	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2021	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2022	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2023	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2024	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2025	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2026	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2027	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2028	11573	7.317	33.772	0.4652	5590.1	0.756	1670	0	0	0.0000013	0.026	0.007	1.310	0.020	0.0000101	366	0.000241	0.0028	0.00212	0.0167	0.0422	0.000100

Appendix C.1-6: WRSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2029	11573	7.317	33.772	0.4652	5590.1	0.756	1670	0	0	0.0000013	0.026	0.007	1.310	0.020	0.0000101	366	0.000241	0.0028	0.00212	0.0167	0.0422	0.000100
2030	11573	7.317	33.772	0.4652	5590.1	0.756	1670	0	0	0.0000013	0.026	0.007	1.310	0.020	0.0000101	366	0.000241	0.0028	0.00212	0.0167	0.0422	0.000100
2031	10402	6.396	29.519	0.4066	4886.2	0.756	1670	0	0	0.0000013	0.026	0.007	1.310	0.020	0.0000101	366	0.000241	0.0028	0.00212	0.0167	0.0422	0.000100
2032	11573	7.317	33.772	0.4652	5590.1	0.756	1670	0	0	0.0000013	0.026	0.007	1.310	0.020	0.0000101	366	0.000241	0.0028	0.00212	0.0167	0.0422	0.000100
2033	11573	7.317	33.772	0.4652	5590.1	0.756	1670	0	0	0.0000013	0.026	0.007	1.310	0.020	0.0000101	366	0.000241	0.0028	0.00212	0.0167	0.0422	0.000100
2034	10402	6.396	29.519	0.4066	4886.2	0.756	1670	0	0	0.0000013	0.026	0.007	1.310	0.020	0.0000101	366	0.000241	0.0028	0.00212	0.0167	0.0422	0.000100
2035	9379	5.590	25.802	0.3554	4270.9	0.756	1670	0	0	0.0000013	0.026	0.007	1.310	0.020	0.0000101	366	0.000241	0.0028	0.00212	0.0167	0.0422	0.000100
2036	8484	4.886	22.553	0.3106	3733.0	0.756	1670	0	0	0.0000013	0.026	0.007	1.310	0.020	0.0000101	366	0.000241	0.0028	0.00212	0.0167	0.0422	0.000100
2037	7680	4.271	19.713	0.2715	3262.9	0.749	1654	0	0	0.0000013	0.026	0.007	1.297	0.020	0.0000100	363	0.000239	0.0028	0.00210	0.0165	0.0418	0.000099
2038	6975	3.733	17.230	0.2373	2852.0	0.742	1638	0	0	0.0000012	0.026	0.007	1.285	0.020	0.0000099	359	0.000236	0.0028	0.00208	0.0164	0.0414	0.000098
2039	6356	3.263	15.061	0.2074	2492.9	0.734	1622	0	0	0.0000012	0.025	0.007	1.272	0.020	0.0000098	356	0.000234	0.0028	0.00206	0.0162	0.0410	0.000097
2040	5813	2.852	13.164	0.1813	2179.0	0.727	1606	0	0	0.0000012	0.025	0.007	1.260	0.019	0.0000098	352	0.000232	0.0027	0.00204	0.0161	0.0406	0.000096
2041	5336	2.493	11.506	0.1585	1904.6	0.720	1591	0	0	0.0000012	0.025	0.007	1.247	0.019	0.0000097	349	0.000230	0.0027	0.00202	0.0159	0.0402	0.000095
2042	4916	2.179	10.057	0.1385	1664.7	0.713	1575	0	0	0.0000012	0.025	0.007	1.235	0.019	0.0000096	345	0.000227	0.0027	0.00200	0.0158	0.0398	0.000094
2043	4546	1.905	8.791	0.1211	1455.1	0.706	1560	0	0	0.0000012	0.024	0.007	1.223	0.019	0.0000095	342	0.000225	0.0027	0.00198	0.0156	0.0394	0.000093
2044	4221	1.665	7.684	0.1058	1271.9	0.699	1545	0	0	0.0000012	0.024	0.007	1.211	0.019	0.0000094	339	0.000223	0.0026	0.00196	0.0155	0.0390	0.000092
2045	3935	1.455	6.716	0.0925	1111.7	0.693	1529	0	0	0.0000012	0.024	0.007	1.200	0.019	0.0000093	335	0.000221	0.0026	0.00194	0.0153	0.0386	0.000092
2046	3682	1.272	5.870	0.0809	971.7	0.686	1515	0	0	0.0000011	0.024	0.006	1.188	0.018	0.0000092	332	0.000219	0.0026	0.00192	0.0152	0.0383	0.000091
2047	3458	1.112	5.131	0.0707	849.3	0.679	1500	0	0	0.0000011	0.023	0.006	1.176	0.018	0.0000091	329	0.000216	0.0026	0.00191	0.0150	0.0379	0.000090
2048	3261	0.972	4.485	0.0618	742.4	0.673	1485	0	0	0.0000011	0.023	0.006	1.165	0.018	0.0000090	326	0.000214	0.0025	0.00189	0.0149	0.0375	0.000089
2049	3086	0.849	3.920	0.0540	648.9	0.666	1471	0	0	0.0000011	0.023	0.006	1.153	0.018	0.0000089	322	0.000212	0.0025	0.00187	0.0147	0.0372	0.000088
2050	2931	0.742	3.427	0.0472	567.2	0.659	1456	0	0	0.0000011	0.023	0.006	1.142	0.018	0.0000088	319	0.000210	0.0025	0.00185	0.0146	0.0368	0.000087
2051	2793	0.649	2.995	0.0413	495.8	0.653	1442	0	0	0.0000011	0.022	0.006	1.131	0.017	0.0000088	316	0.000208	0.0025	0.00183	0.0144	0.0364	0.000086
2052	2670	0.567	2.618	0.0361	433.3	0.647	1428	0	0	0.0000011	0.022	0.006	1.120	0.017	0.0000087	313	0.000206	0.0024	0.00181	0.0143	0.0361	0.000086
2053	2560	0.496	2.288	0.0315	378.8	0.640	1414	0	0	0.0000011	0.022	0.006	1.109	0.017	0.0000086	310	0.000204	0.0024	0.00180	0.0141	0.0357	0.000085
2054	2463	0.433	2.000	0.0275	331.1	0.634	1400	0	0	0.0000011	0.022	0.006	1.098	0.017	0.0000085	307	0.000202	0.0024	0.00178	0.0140	0.0354	0.000084
2055	2375	0.379	1.748	0.0241	289.4	0.628	1387	0	0	0.0000011	0.022	0.006	1.088	0.017	0.0000084	304	0.000200	0.0024	0.00176	0.0139	0.0350	0.000083
2056	2296	0.331	1.528	0.0210	252.9	0.622	1373	0	0	0.0000010	0.021	0.006	1.077	0.017	0.0000083	301	0.000198	0.0023	0.00175	0.0137	0.0347	0.000082
2057	2225	0.289	1.336	0.0184	221.1	0.616	1360	0	0	0.0000010	0.021	0.006	1.067	0.016	0.0000083	298	0.000196	0.0023	0.00173	0.0136	0.0344	0.000081
2058	2161	0.253	1.167	0.0161	193.2	0.610	1347	0	0	0.0000010	0.021	0.006	1.056	0.016	0.0000082	295	0.000194	0.0023	0.00171	0.0135	0.0340	0.000081
2059	2103	0.221	1.020	0.0141	168.9	0.604	1334	0	0	0.0000010	0.021	0.006	1.046	0.016	0.0000081	292	0.000193	0.0023	0.00169	0.0133	0.0337	0.000080
2060	2050	0.193	0.892	0.0123	147.6	0.598	1321	0	0	0.0000010	0.021	0.006	1.036	0.016	0.0000080	290	0.000191	0.0023	0.00168	0.0132	0.0334	0.000079
2061	2002	0.169	0.780	0.0107	129.0	0.592	1308	0	0	0.0000010	0.020	0.006	1.026	0.016	0.0000079	287	0.000189	0.0022	0.00166	0.0131	0.0330	0.000078
2062	1958	0.148	0.681	0.0094	112.8	0.586	1295	0	0	0.0000010	0.020	0.006	1.016	0.016	0.0000079	284	0.000187	0.0022	0.00165	0.0130	0.0327	0.000078
2063	1917	0.129	0.596	0.0082	98.6	0.581	1282	0	0	0.0000010	0.020	0.006	1.006	0.016	0.0000078	281	0.000185	0.0022	0.00163	0.0128	0.0324	0.000077
2064	1879	0.113	0.521	0.0072	86.2	0.575	1270	0	0	0.0000010	0.020	0.005	0.996	0.015	0.0000077	278	0.000183	0.0022	0.00161	0.0127	0.0321	0.000076
2065	1845	0.099	0.455	0.0063	75.3	0.569	1257	0	0	0.0000010	0.020	0.005	0.986	0.015	0.0000076	276	0.000182	0.0021	0.00160	0.0126	0.0318	0.000075
2066	1812	0.086	0.398	0.0055	65.8	0.564	1245	0	0	0.0000009	0.019	0.005	0.977	0.015	0.0000076	273	0.000180	0.0021	0.00158	0.0125	0.0315	0.000075
2067	1782	0.075	0.348	0.0048	57.5	0.558	1233	0	0	0.0000009	0.019	0.005	0.967	0.015	0.0000075	270	0.000178	0.0021	0.00157	0.0123	0.0312	0.000074
2068	1754	0.066	0.304	0.0042	50.3	0.553	1221	0	0	0.0000009	0.019	0.005	0.958	0.015	0.0000074	268	0.000176	0.0021	0.00155	0.0122	0.0309	0.000073
2069	1728	0.058	0.266	0.0037	44.0	0.548	1209	0	0	0.0000009	0.019	0.005	0.948	0.015	0.0000073	265	0.000175	0.0021	0.00154	0.0121	0.0306	0.000072
2070	1703	0.050	0.232	0.0032	38.4	0.542	1197	0	0	0.0000009	0.019	0.005	0.939	0.015	0.0000073	263	0.000173	0.0020	0.00152	0.0120	0.0303	0.000072
2071	1679	0.044	0.203	0.0028	33.6	0.537	1186	0	0	0.0000009	0.018	0.005	0.930	0.014	0.0000072	260	0.000171	0.0020	0.00151	0.0119	0.0300	0.000071
2072	1656	0.038	0.177	0.0024	29.4	0.532	1174	0	0	0.0000009	0.018	0.005	0.921	0.014	0.0000071	257	0.000169	0.0020	0.00149	0.0117	0.0297	0.000070
2073	1635	0.034	0.155	0.0021	25.7	0.527	1163	0	0	0.0000009	0.018	0.005	0.912	0.014	0.0000071	255	0.000168	0.0020	0.00148	0.0116	0.0294	0.000070
2074	1614	0.029	0.136	0.0019	22.4	0.521	1151	0	0	0.0000009	0.018	0.005	0.903	0.014	0.0000070	252	0.000166	0.0020	0.00146	0.0115	0.0291	0.000069
2075	1594	0.026	0.118	0.0016	19.6	0.516	1140	0	0	0.0000009	0.018	0.005	0.894	0.014	0.0000069	250	0.000165	0.0019	0.00145	0.0114	0.0288	0.000068
2076	1575	0.022	0.104	0.0014	17.1	0.511	1129	0	0	0.0000009	0.018	0.005	0.886	0.014	0.0000069	248	0.000163	0.0019	0.00143	0.0113	0.0285	0.000068
2077	1557	0.020	0.090	0.0012	15.0	0.506	1118	0	0	0.0000008	0.017	0.005	0.877	0.014	0.0000068	245	0.000161	0.0019	0.00142	0.0112	0.0283	0.000067
2078	1539	0.017	0.079	0.0011	13.1	0.501	1107	0	0	0.0000008	0.017	0.005	0.868	0.013	0.0000067	243	0.000160	0.0019	0.00141	0.0111	0.0280	0.000066
2079	1522	0.015	0.069	0.0010	11.4	0.496	1096	0	0	0.0000008	0.017	0.005	0.860	0.013	0.0000067	240	0.000158	0.0019	0.00139	0.0110	0.0277	0.000066
2080	1505	0.013	0.060	0.0008	10.0	0.492	1086	0	0	0.0000008	0.017	0.005	0.852	0.013	0.0000066	238	0.000157	0.0019	0.00138	0.0109	0.0274	0.000065
2081	1489	0.011	0.053	0.0007	8.7	0.487	1075	0	0	0.0000008	0.017	0.005	0.843	0.013	0.0000065	236	0.000155	0.0018	0.00137	0.0108	0.0272	0.000064
2082	1473	0.010	0.046	0.0006	7.6	0.482	1065	0	0	0.0000008	0.017	0.005	0.835	0.013	0.0000065	233	0.000154	0.0018	0.00135	0.0107	0.0269	0.000064
2083	1457	0.009	0.040	0.0006	6.7	0.477	1054	0	0	0.0000008	0.016	0.005	0.827	0.013	0.0000064	231	0.000152	0.0018	0.00134	0.0105	0.0266	0.000063
2084	1442	0.008	0.035	0.0005	5.8	0.473	1044	0	0	0.0000008	0.016	0.004	0.819	0.013	0.0000063	229	0.000151	0.0018	0.00133	0.0104	0.0264	0.000063
2085	1427	0.007	0.031	0.0004	5.1	0.468	1034	0	0	0.0000008	0.016	0.004	0.811	0.013	0.0000063	227	0.000149	0.0018	0.00131	0.0103	0.0261	0.000062
2086	1412	0.006	0.027	0.0004	4.5	0.464	1024	0	0	0.0000008	0.016	0.004	0.803	0.012	0.0000062	224	0.000148	0.0017	0.00130	0.0102	0.0259	0.000061
2087	1398	0.005	0.024	0.0003	3.9	0.459	1014	0	0	0.0000008	0.016	0.004	0.795	0.012	0.0000062	222	0.000146	0.0017	0.00129	0.0101	0.0256	0.000061
2088	1384	0.004	0.021	0.0003	3.4	0.455	1004	0	0	0.0000008	0.016	0.004	0.787	0.012	0.0000061	220	0.000145	0.0017	0.00128	0.0100	0.0254	0.000060
2089	1370	0.004	0.018	0.0002	3.0	0.450	994	0	0	0.0000008	0.016	0.004	0.780	0.012	0.0000060	218	0.000144	0.0017	0.00126	0.0099	0.0251	0.000060
2090	1356	0.003	0.016	0.0002	2.6	0.446	984	0	0	0.0000007	0.015	0.004	0.772	0.012	0.0000060	216	0.000142	0.0017	0.00125	0.0098	0.0249	0.000059
2091	1343	0.003	0.014	0.0002	2.3	0.441	975	0	0	0.0000007	0.015	0.004	0.765	0.012	0.0000059	214	0.000141	0.0017	0.00124	0.0098	0.0246	0.000058
2092	1330	0.003	0.012	0.0002	2.0	0.437	965	0	0	0.0000007	0.015	0.004	0.757	0.012	0.0000059	212	0.000139	0.0016	0.00123	0.0097	0.0244	0.000058

Appendix C.1-6: WRSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2093	1316	0.002	0.011	0.0001	1.7	0.433	956	0	0	0.0000007	0.015	0.004	0.750	0.012	0.0000058	210	0.000138	0.0016	0.00121	0.0096	0.0242	0.000057
2094	1304	0.002	0.009	0.0001	1.5	0.429	947	0	0	0.0000007	0.015	0.004	0.742	0.011	0.0000057	208	0.000137	0.0016	0.00120	0.0095	0.0239	0.000057
2095	1291	0.002	0.008	0.0001	1.3	0.424	937	0	0	0.0000007	0.015	0.004	0.735	0.011	0.0000057	206	0.000135	0.0016	0.00119	0.0094	0.0237	0.000056
2096	1278	0.002	0.007	0.0001	1.2	0.420	928	0	0	0.0000007	0.014	0.004	0.728	0.011	0.0000056	204	0.000134	0.0016	0.00118	0.0093	0.0235	0.000056
2097	1266	0.001	0.006	0.0001	1.0	0.416	919	0	0	0.0000007	0.014	0.004	0.721	0.011	0.0000056	202	0.000133	0.0016	0.00117	0.0092	0.0232	0.000055
2098	1254	0.001	0.005	0.0001	0.9	0.412	910	0	0	0.0000007	0.014	0.004	0.714	0.011	0.0000055	200	0.000131	0.0016	0.00116	0.0091	0.0230	0.000055
2099	1241	0.001	0.005	0.0001	0.8	0.408	901	0	0	0.0000007	0.014	0.004	0.707	0.011	0.0000055	198	0.000130	0.0015	0.00115	0.0090	0.0228	0.000054
2100	1229	0.001	0.004	0.0001	0.7	0.404	893	0	0	0.0000007	0.014	0.004	0.700	0.011	0.0000054	196	0.000129	0.0015	0.00113	0.0089	0.0226	0.000053
WRSF9																						
2020	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2021	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2022	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2023	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2024	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2025	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2026	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2027	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2028	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2029	7190	7.317	33.772	0.4652	3428.8	0.756	1025	0	0	0.0000033	0.030	0.014	1.310	0.147	0.0000330	225	0.000252	0.0201	0.00138	0.0055	0.0428	0.000100
2030	7190	7.317	33.772	0.4652	3428.8	0.756	1025	0	0	0.0000033	0.030	0.014	1.310	0.147	0.0000330	225	0.000252	0.0201	0.00138	0.0055	0.0428	0.000100
2031	7190	7.317	33.772	0.4652	3428.8	0.756	1025	0	0	0.0000033	0.030	0.014	1.310	0.147	0.0000330	225	0.000252	0.0201	0.00138	0.0055	0.0428	0.000100
2032	6470	6.396	29.519	0.4066	2997.0	0.756	1025	0	0	0.0000033	0.030	0.014	1.310	0.147	0.0000330	225	0.000252	0.0201	0.00138	0.0055	0.0428	0.000100
2033	5841	5.590	25.802	0.3554	2619.6	0.756	1025	0	0	0.0000033	0.030	0.014	1.310	0.147	0.0000330	225	0.000252	0.0201	0.00138	0.0055	0.0428	0.000100
2034	5291	4.886	22.553	0.3106	2289.7	0.756	1025	0	0	0.0000033	0.030	0.014	1.310	0.147	0.0000330	225	0.000252	0.0201	0.00138	0.0055	0.0428	0.000100
2035	4810	4.271	19.713	0.2715	2001.4	0.756	1025	0	0	0.0000033	0.030	0.014	1.310	0.147	0.0000330	225	0.000252	0.0201	0.00138	0.0055	0.0428	0.000100
2036	4390	3.733	17.230	0.2373	1749.3	0.756	1025	0	0	0.0000033	0.030	0.014	1.310	0.147	0.0000330	225	0.000252	0.0201	0.00138	0.0055	0.0428	0.000100
2037	4009	3.263	15.061	0.2074	1529.0	0.749	1015	0	0	0.0000032	0.030	0.014	1.297	0.146	0.0000327	222	0.000249	0.0199	0.00137	0.0054	0.0424	0.000099
2038	3674	2.852	13.164	0.1813	1336.5	0.742	1005	0	0	0.0000032	0.030	0.014	1.285	0.144	0.0000323	220	0.000247	0.0197	0.00135	0.0054	0.0419	0.000098
2039	3379	2.493	11.506	0.1585	1168.2	0.734	995	0	0	0.0000032	0.029	0.014	1.272	0.143	0.0000320	218	0.000244	0.0195	0.00134	0.0053	0.0415	0.000097
2040	3120	2.179	10.057	0.1385	1021.1	0.727	985	0	0	0.0000032	0.029	0.014	1.260	0.142	0.0000317	216	0.000242	0.0194	0.00133	0.0053	0.0411	0.000096
2041	2892	1.905	8.791	0.1211	892.5	0.720	976	0	0	0.0000031	0.029	0.014	1.247	0.140	0.0000314	214	0.000240	0.0192	0.00131	0.0052	0.0407	0.000095
2042	2692	1.665	7.684	0.1058	780.1	0.713	966	0	0	0.0000031	0.029	0.014	1.235	0.139	0.0000311	212	0.000237	0.0190	0.00130	0.0052	0.0403	0.000094
2043	2515	1.455	6.716	0.0925	681.9	0.706	957	0	0	0.0000031	0.028	0.014	1.223	0.138	0.0000308	210	0.000235	0.0188	0.00129	0.0051	0.0399	0.000093
2044	2358	1.272	5.870	0.0809	596.0	0.699	947	0	0	0.0000030	0.028	0.013	1.211	0.136	0.0000305	208	0.000233	0.0186	0.00128	0.0051	0.0395	0.000092
2045	2220	1.112	5.131	0.0707	520.9	0.693	938	0	0	0.0000030	0.028	0.013	1.200	0.135	0.0000302	206	0.000231	0.0184	0.00126	0.0050	0.0392	0.000092
2046	2098	0.972	4.485	0.0618	455.3	0.686	929	0	0	0.0000030	0.027	0.013	1.188	0.134	0.0000299	204	0.000228	0.0183	0.00125	0.0050	0.0388	0.000091
2047	1989	0.849	3.920	0.0540	398.0	0.679	920	0	0	0.0000029	0.027	0.013	1.176	0.132	0.0000296	202	0.000226	0.0181	0.00124	0.0049	0.0384	0.000090
2048	1893	0.742	3.427	0.0472	347.9	0.673	911	0	0	0.0000029	0.027	0.013	1.165	0.131	0.0000293	200	0.000224	0.0179	0.00123	0.0049	0.0380	0.000089
2049	1808	0.649	2.995	0.0413	304.1	0.666	902	0	0	0.0000029	0.027	0.013	1.153	0.130	0.0000290	198	0.000222	0.0177	0.00122	0.0048	0.0377	0.000088
2050	1731	0.567	2.618	0.0361	265.8	0.659	893	0	0	0.0000029	0.026	0.013	1.142	0.128	0.0000288	196	0.000220	0.0176	0.00120	0.0048	0.0373	0.000087
2051	1663	0.496	2.288	0.0315	232.3	0.653	885	0	0	0.0000028	0.026	0.013	1.131	0.127	0.0000285	194	0.000217	0.0174	0.00119	0.0047	0.0369	0.000086
2052	1602	0.433	2.000	0.0275	203.1	0.647	876	0	0	0.0000028	0.026	0.012	1.120	0.126	0.0000282	192	0.000215	0.0172	0.00118	0.0047	0.0366	0.000086
2053	1548	0.379	1.748	0.0241	177.5	0.640	867	0	0	0.0000028	0.026	0.012	1.109	0.125	0.0000279	190	0.000213	0.0170	0.00117	0.0047	0.0362	0.000085
2054	1499	0.331	1.528	0.0210	155.1	0.634	859	0	0	0.0000028	0.025	0.012	1.098	0.123	0.0000277	188	0.000211	0.0169	0.00116	0.0046	0.0359	0.000084
2055	1454	0.289	1.336	0.0184	135.6	0.628	851	0	0	0.0000027	0.025	0.012	1.088	0.122	0.0000274	186	0.000209	0.0167	0.00115	0.0046	0.0355	0.000083
2056	1414	0.253	1.167	0.0161	118.5	0.622	842	0	0	0.0000027	0.025	0.012	1.077	0.121	0.0000271	185	0.000207	0.0165	0.00113	0.0045	0.0352	0.000082
2057	1378	0.221	1.020	0.0141	103.6	0.616	834	0	0	0.0000027	0.025	0.012	1.067	0.120	0.0000269	183	0.000205	0.0164	0.00112	0.0045	0.0348	0.000081
2058	1344	0.193	0.892	0.0123	90.6	0.610	826	0	0	0.0000026	0.024	0.012	1.056	0.119	0.0000266	181	0.000203	0.0162	0.00111	0.0044	0.0345	0.000081
2059	1314	0.169	0.780	0.0107	79.2	0.604	818	0	0	0.0000026	0.024	0.012	1.046	0.118	0.0000263	179	0.000201	0.0161	0.00110	0.0044	0.0341	0.000080
2060	1286	0.148	0.681	0.0094	69.2	0.598	810	0	0	0.0000026	0.024	0.011	1.036	0.116	0.0000261	178	0.000199	0.0159	0.00109	0.0043	0.0338	0.000079
2061	1260	0.129	0.596	0.0082	60.5	0.592	802	0	0	0.0000026	0.024	0.011	1.026	0.115	0.0000258	176	0.000197	0.0158	0.00108	0.0043	0.0335	0.000078
2062	1237	0.113	0.521	0.0072	52.9	0.586	794	0	0	0.0000025	0.024	0.011	1.016	0.114	0.0000256	174	0.000195	0.0156	0.00107	0.0043	0.0332	0.000078
2063	1215	0.099	0.455	0.0063	46.2	0.581	787	0	0	0.0000025	0.023	0.011	1.006	0.113	0.0000253	172	0.000193	0.0155	0.00106	0.0042	0.0328	0.000077
2064	1194	0.086	0.398	0.0055	40.4	0.575	779	0	0	0.0000025	0.023	0.011	0.996	0.112	0.0000251	171	0.000191	0.0153	0.00105	0.0042	0.0325	0.000076
2065	1175	0.075	0.348	0.0048	35.3	0.569	771	0	0	0.0000025	0.023	0.011	0.986	0.111	0.0000248	169	0.000190	0.0152	0.00104	0.0041	0.0322	0.000075
2066	1157	0.066	0.304	0.0042	30.9	0.564	764	0	0	0.0000024	0.023	0.011	0.977	0.110	0.0000246	167	0.000188	0.0150	0.00103	0.0041	0.0319	0.000075
2067	1140	0.058	0.266	0.0037	27.0	0.558	756	0	0	0.0000024	0.022	0.011	0.967	0.109	0.0000244	166	0.000186	0.0149	0.00102	0.0041	0.0316	0.000074
2068	1124	0.050	0.232	0.0032	23.6	0.553	749	0	0	0.0000024	0.022	0.011	0.958	0.108	0.0000241	164	0.000184	0.0147	0.00101	0.0040	0.0313	0.000073
2069	1109	0.044	0.203	0.0028	20.6	0.548	742	0	0	0.0000024	0.022	0.010	0.948	0.107	0.0000239	163	0.000182	0.0146	0.00100	0.0040	0.0310	0.000072
2070	1094	0.038	0.177	0.0024	18.0	0.542	734	0	0	0.0000024	0.022	0.010	0.939	0.106	0.0000236	161	0.000180	0.0144	0.00099	0.0039	0.0307	0.000072
2071	1080	0.034	0.155	0.0021	15.7	0.537	727	0	0	0.0000023	0.022	0.010	0.930	0.105	0.0000234	159	0.000179	0.0143	0.00098	0.0039	0.0304	0.000071
2072	1067	0.029	0.136	0.0019	13.8	0.532	720	0	0	0.0000023	0.021	0.010	0.921	0.104	0.0000232	158	0.000177	0.0142	0.00097	0.0039	0.0301	0.000070
2073	1054	0.026	0.118	0.0016	12.0	0.527	713	0	0	0.0000023	0.021	0.010	0.912	0.103	0.0000230	156	0.000175	0.0140	0.00096	0.0038	0.0298	0.000070
2074	1042	0.022	0.104	0.0014	10.5	0.521	706	0	0	0.0000023	0.021	0.010	0.903	0.102	0.0000227	155	0.000174	0.0139	0.00095	0.0038	0.0295	0.000069

Appendix C.1-6: WRSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2075	1030	0.020	0.090	0.0012	9.2	0.516	699	0	0	0.0000022	0.021	0.010	0.894	0.101	0.0000225	153	0.000172	0.0137	0.00094	0.0038	0.0292	0.000068
2076	1018	0.017	0.079	0.0011	8.0	0.511	693	0	0	0.0000022	0.020	0.010	0.886	0.100	0.0000223	152	0.000170	0.0136	0.00093	0.0037	0.0289	0.000068
2077	1007	0.015	0.069	0.0010	7.0	0.506	686	0	0	0.0000022	0.020	0.010	0.877	0.099	0.0000221	150	0.000169	0.0135	0.00092	0.0037	0.0286	0.000067
2078	996	0.013	0.060	0.0008	6.1	0.501	679	0	0	0.0000022	0.020	0.010	0.868	0.098	0.0000219	149	0.000167	0.0133	0.00091	0.0036	0.0283	0.000066
2079	985	0.011	0.053	0.0007	5.4	0.496	673	0	0	0.0000022	0.020	0.010	0.860	0.097	0.0000217	147	0.000165	0.0132	0.00091	0.0036	0.0281	0.000066
2080	975	0.010	0.046	0.0006	4.7	0.492	666	0	0	0.0000021	0.020	0.009	0.852	0.096	0.0000214	146	0.000164	0.0131	0.00090	0.0036	0.0278	0.000065
2081	965	0.009	0.040	0.0006	4.1	0.487	659	0	0	0.0000021	0.020	0.009	0.843	0.095	0.0000212	145	0.000162	0.0130	0.00089	0.0035	0.0275	0.000064
2082	955	0.008	0.035	0.0005	3.6	0.482	653	0	0	0.0000021	0.019	0.009	0.835	0.094	0.0000210	143	0.000160	0.0128	0.00088	0.0035	0.0273	0.000064
2083	945	0.007	0.031	0.0004	3.1	0.477	647	0	0	0.0000021	0.019	0.009	0.827	0.093	0.0000208	142	0.000159	0.0127	0.00087	0.0035	0.0270	0.000063
2084	936	0.006	0.027	0.0004	2.7	0.473	640	0	0	0.0000021	0.019	0.009	0.819	0.092	0.0000206	140	0.000157	0.0126	0.00086	0.0034	0.0267	0.000063
2085	926	0.005	0.024	0.0003	2.4	0.468	634	0	0	0.0000020	0.019	0.009	0.811	0.091	0.0000204	139	0.000156	0.0125	0.00085	0.0034	0.0265	0.000062
2086	917	0.004	0.021	0.0003	2.1	0.464	628	0	0	0.0000020	0.019	0.009	0.803	0.090	0.0000202	138	0.000154	0.0123	0.00085	0.0034	0.0262	0.000061
2087	908	0.004	0.018	0.0002	1.8	0.459	622	0	0	0.0000020	0.018	0.009	0.795	0.089	0.0000200	136	0.000153	0.0122	0.00084	0.0033	0.0260	0.000061
2088	899	0.003	0.016	0.0002	1.6	0.455	616	0	0	0.0000020	0.018	0.009	0.787	0.089	0.0000198	135	0.000151	0.0121	0.00083	0.0033	0.0257	0.000060
2089	890	0.003	0.014	0.0002	1.4	0.450	610	0	0	0.0000020	0.018	0.009	0.780	0.088	0.0000196	134	0.000150	0.0120	0.00082	0.0033	0.0255	0.000060
2090	882	0.003	0.012	0.0002	1.2	0.446	604	0	0	0.0000019	0.018	0.009	0.772	0.087	0.0000194	132	0.000148	0.0119	0.00081	0.0032	0.0252	0.000059
2091	873	0.002	0.011	0.0001	1.1	0.441	598	0	0	0.0000019	0.018	0.008	0.765	0.086	0.0000193	131	0.000147	0.0117	0.00081	0.0032	0.0250	0.000058
2092	865	0.002	0.009	0.0001	0.9	0.437	592	0	0	0.0000019	0.018	0.008	0.757	0.085	0.0000191	130	0.000146	0.0116	0.00080	0.0032	0.0247	0.000058
2093	856	0.002	0.008	0.0001	0.8	0.433	586	0	0	0.0000019	0.017	0.008	0.750	0.084	0.0000189	129	0.000144	0.0115	0.00079	0.0031	0.0245	0.000057
2094	848	0.002	0.007	0.0001	0.7	0.429	581	0	0	0.0000019	0.017	0.008	0.742	0.083	0.0000187	127	0.000143	0.0114	0.00078	0.0031	0.0242	0.000057
2095	840	0.001	0.006	0.0001	0.6	0.424	575	0	0	0.0000018	0.017	0.008	0.735	0.083	0.0000185	126	0.000141	0.0113	0.00077	0.0031	0.0240	0.000056
2096	832	0.001	0.005	0.0001	0.5	0.420	569	0	0	0.0000018	0.017	0.008	0.728	0.082	0.0000183	125	0.000140	0.0112	0.00077	0.0031	0.0238	0.000056
2097	824	0.001	0.005	0.0001	0.5	0.416	564	0	0	0.0000018	0.017	0.008	0.721	0.081	0.0000182	124	0.000139	0.0111	0.00076	0.0030	0.0235	0.000055
2098	816	0.001	0.004	0.0001	0.4	0.412	558	0	0	0.0000018	0.017	0.008	0.714	0.080	0.0000180	122	0.000137	0.0110	0.00075	0.0030	0.0233	0.000055
2099	808	0.001	0.004	0.0000	0.4	0.408	553	0	0	0.0000018	0.016	0.008	0.707	0.079	0.0000178	121	0.000136	0.0109	0.00074	0.0030	0.0231	0.000054
2100	800	0.001	0.003	0.0000	0.3	0.404	548	0	0	0.0000018	0.016	0.008	0.700	0.079	0.0000176	120	0.000135	0.0108	0.00074	0.0029	0.0229	0.000053
Saline - TIRI																						
2020	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2021	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2022	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2023	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2024	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2025	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2026	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2027	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2028	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2029	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2030	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2031	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2032	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2033	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2034	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2035	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
2036	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100
Saline - PUMP																						
2020	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2021	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2022	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2023	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2024	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2025	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000
2026	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000027	0.015	0.032	1.310	0.027	0.0000074	1235	0.000191	0.0463	0.00151	0.0143	0.0403	0.000100
2027	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000027	0.015	0.032	1.310	0.027	0.0000074	1235	0.000191	0.0463	0.00151	0.0143	0.0403	0.000100
2028	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000027	0.015	0.032	1.310	0.027	0.0000074	1235	0.000191	0.0463	0.00151	0.0143	0.0403	0.000100
2029	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000027	0.015	0.032	1.310	0.027	0.0000074	1235	0.000191	0.0463	0.00151	0.0143	0.0403	0.000100
2030	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000027	0.015	0.032	1.310	0.027	0.0000074	1235	0.000191	0.0463	0.00151	0.0143	0.0403	0.000100
2031	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000027	0.015	0.032	1.310	0.027	0.0000074	1235	0.000191	0.0463	0.00151	0.0143	0.0403	0.000100
2032	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000027	0.015	0.032	1.310	0.027	0.0000074	1235	0.000191	0.0463	0.00151	0.0143	0.0403	0.000100
2033	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000027	0.015	0.032	1.310	0.027	0.0000074	1235	0.000191	0.0463	0.00151	0.0143	0.0403	0.000100
2034	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000027	0.015	0.032	1.310	0.027	0.0000074	1235	0.000191	0.0463	0.00151	0.0143	0.0403	0.000100
2035	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000027	0.015	0.032	1.310	0.027	0.0000074	1235	0.000191	0.0463	0.00151	0.0143	0.0403	0.000100
2036	28476	44.053	389.137	3.4264	12687.5	0.756	4924	0	0	0.0000027	0.015	0.032	1.310	0.027	0.0000074	1080	0.000191	0.0463	0.00151	0.0143	0.0403	0.000100

Appendix C.1-6: WRSF

Year	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
WRSF1																
2020	88.0	77.5	0.50	0.041	708.0	0.0744	0.0050	0.000217	0.00560	0.0015	4.19	0.0000117	0.01824	0.00218	0.00514	0
2021	84.2	76.1	0.50	0.032	696.0	0.0774	0.0050	0.000210	0.00468	0.0015	4.06	0.0000112	0.01736	0.00232	0.00523	0
2022	80.2	68.0	0.50	0.030	936.0	0.0876	0.0050	0.000198	0.00482	0.0025	3.88	0.0000108	0.02050	0.00269	0.00550	0
2023	80.2	68.0	0.50	0.030	908.0	0.0876	0.0050	0.000198	0.00578	0.0025	3.88	0.0000108	0.02255	0.00269	0.00550	0
2024	80.2	68.0	0.50	0.030	793.0	0.0745	0.0050	0.000198	0.00578	0.0025	3.88	0.0000108	0.02255	0.00269	0.00550	0
2025	45.4	103.5	0.50	0.019	693.1	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2026	45.4	103.5	0.50	0.019	605.9	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2027	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2028	45.4	103.5	0.50	0.019	1335.0	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2029	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2030	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2031	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2032	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2033	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2034	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2035	45.4	103.5	0.50	0.019	1335.0	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2036	45.4	103.5	0.50	0.019	1166.9	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2037	45.0	102.5	0.50	0.018	1019.9	0.1133	0.0050	0.000127	0.00557	0.0025	2.75	0.0000066	0.01110	0.00399	0.00638	0
2038	44.6	101.5	0.49	0.018	891.5	0.1122	0.0049	0.000126	0.00552	0.0025	2.72	0.0000065	0.01099	0.00395	0.00632	0
2039	44.1	100.5	0.49	0.018	779.2	0.1111	0.0049	0.000125	0.00547	0.0024	2.69	0.0000065	0.01088	0.00392	0.00626	0
2040	43.7	99.6	0.48	0.018	681.1	0.1100	0.0048	0.000124	0.00541	0.0024	2.67	0.0000064	0.01078	0.00388	0.00620	0
2041	43.3	98.6	0.48	0.018	595.3	0.1090	0.0048	0.000122	0.00536	0.0024	2.64	0.0000063	0.01067	0.00384	0.00614	0
2042	42.9	97.6	0.47	0.018	520.4	0.1079	0.0047	0.000121	0.00531	0.0024	2.61	0.0000063	0.01057	0.00380	0.00608	0
2043	42.4	96.7	0.47	0.017	454.8	0.1068	0.0047	0.000120	0.00526	0.0023	2.59	0.0000062	0.01047	0.00377	0.00602	0
2044	42.0	95.7	0.46	0.017	397.6	0.1058	0.0046	0.000119	0.00520	0.0023	2.56	0.0000062	0.01036	0.00373	0.00596	0
2045	41.6	94.8	0.46	0.017	347.5	0.1048	0.0046	0.000118	0.00515	0.0023	2.54	0.0000061	0.01026	0.00369	0.00590	0
2046	41.2	93.9	0.45	0.017	303.7	0.1038	0.0045	0.000116	0.00510	0.0023	2.51	0.0000060	0.01016	0.00366	0.00584	0
2047	40.8	93.0	0.45	0.017	265.5	0.1027	0.0045	0.000115	0.00505	0.0022	2.49	0.0000060	0.01006	0.00362	0.00579	0
2048	40.4	92.1	0.44	0.017	232.1	0.1017	0.0044	0.000114	0.00500	0.0022	2.47	0.0000059	0.00997	0.00359	0.00573	0
2049	40.0	91.2	0.44	0.016	202.8	0.1008	0.0044	0.000113	0.00496	0.0022	2.44	0.0000059	0.00987	0.00355	0.00567	0
2050	39.6	90.3	0.44	0.016	177.3	0.0998	0.0044	0.000112	0.00491	0.0022	2.42	0.0000058	0.00977	0.00352	0.00562	0
2051	39.2	89.4	0.43	0.016	155.0	0.0988	0.0043	0.000111	0.00486	0.0022	2.39	0.0000058	0.00968	0.00348	0.00556	0
2052	38.9	88.5	0.43	0.016	135.5	0.0978	0.0043	0.000110	0.00481	0.0021	2.37	0.0000057	0.00958	0.00345	0.00551	0
2053	38.5	87.7	0.42	0.016	118.4	0.0969	0.0042	0.000109	0.00477	0.0021	2.35	0.0000056	0.00949	0.00341	0.00546	0
2054	38.1	86.8	0.42	0.016	103.5	0.0959	0.0042	0.000108	0.00472	0.0021	2.32	0.0000056	0.00940	0.00338	0.00540	0
2055	37.7	86.0	0.42	0.016	90.5	0.0950	0.0042	0.000107	0.00467	0.0021	2.30	0.0000055	0.00931	0.00335	0.00535	0
2056	37.4	85.1	0.41	0.015	79.1	0.0941	0.0041	0.000106	0.00463	0.0021	2.28	0.0000055	0.00921	0.00332	0.00530	0
2057	37.0	84.3	0.41	0.015	69.1	0.0932	0.0041	0.000105	0.00458	0.0020	2.26	0.0000054	0.00913	0.00328	0.00525	0
2058	36.6	83.5	0.40	0.015	60.4	0.0923	0.0040	0.000104	0.00454	0.0020	2.24	0.0000054	0.00904	0.00325	0.00520	0
2059	36.3	82.7	0.40	0.015	52.8	0.0914	0.0040	0.000103	0.00449	0.0020	2.21	0.0000053	0.00895	0.00322	0.00514	0
2060	35.9	81.9	0.40	0.015	46.1	0.0905	0.0040	0.000102	0.00445	0.0020	2.19	0.0000053	0.00886	0.00319	0.00509	0
2061	35.6	81.1	0.39	0.015	40.3	0.0896	0.0039	0.000101	0.00441	0.0020	2.17	0.0000052	0.00877	0.00316	0.00504	0
2062	35.2	80.3	0.39	0.014	35.3	0.0887	0.0039	0.000100	0.00436	0.0019	2.15	0.0000052	0.00869	0.00313	0.00500	0
2063	34.9	79.5	0.38	0.014	30.8	0.0878	0.0038	0.000099	0.00432	0.0019	2.13	0.0000051	0.00860	0.00310	0.00495	0
2064	34.5	78.7	0.38	0.014	26.9	0.0870	0.0038	0.000098	0.00428	0.0019	2.11	0.0000051	0.00852	0.00307	0.00490	0
2065	34.2	77.9	0.38	0.014	23.5	0.0861	0.0038	0.000097	0.00424	0.0019	2.09	0.0000050	0.00844	0.00304	0.00485	0
2066	33.9	77.2	0.37	0.014	20.6	0.0853	0.0037	0.000096	0.00420	0.0019	2.07	0.0000050	0.00836	0.00301	0.00480	0
2067	33.5	76.4	0.37	0.014	18.0	0.0845	0.0037	0.000095	0.00416	0.0018	2.05	0.0000049	0.00827	0.00298	0.00476	0
2068	33.2	75.7	0.37	0.014	15.7	0.0837	0.0037	0.000094	0.00411	0.0018	2.03	0.0000049	0.00819	0.00295	0.00471	0
2069	32.9	75.0	0.36	0.014	13.7	0.0828	0.0036	0.000093	0.00407	0.0018	2.01	0.0000048	0.00811	0.00292	0.00466	0
2070	32.6	74.2	0.36	0.013	12.0	0.0820	0.0036	0.000092	0.00404	0.0018	1.99	0.0000048	0.00803	0.00289	0.00462	0
2071	32.3	73.5	0.35	0.013	10.5	0.0812	0.0035	0.000091	0.00400	0.0018	1.97	0.0000047	0.00796	0.00286	0.00457	0
2072	31.9	72.8	0.35	0.013	9.2	0.0804	0.0035	0.000090	0.00396	0.0018	1.95	0.0000047	0.00788	0.00283	0.00453	0
2073	31.6	72.1	0.35	0.013	8.0	0.0797	0.0035	0.000089	0.00392	0.0017	1.93	0.0000046	0.00780	0.00281	0.00449	0
2074	31.3	71.4	0.34	0.013	7.0	0.0789	0.0034	0.000089	0.00388	0.0017	1.91	0.0000046	0.00773	0.00278	0.00444	0
2075	31.0	70.7	0.34	0.013	6.1	0.0781	0.0034	0.000088	0.00384	0.0017	1.89	0.0000045	0.00765	0.00275	0.00440	0
2076	30.7	70.0	0.34	0.013	5.4	0.0773	0.0034	0.000087	0.00380	0.0017	1.87	0.0000045	0.00758	0.00273	0.00436	0
2077	30.4	69.3	0.33	0.012	4.7	0.0766	0.0033	0.000086	0.00377	0.0017	1.86	0.0000045	0.00750	0.00270	0.00431	0
2078	30.1	68.6	0.33	0.012	4.1	0.0758	0.0033	0.000085	0.00373	0.0017	1.84	0.0000044	0.00743	0.00267	0.00427	0
2079	29.8	68.0	0.33	0.012	3.6	0.0751	0.0033	0.000084	0.00369	0.0016	1.82	0.0000044	0.00736	0.00265	0.00423	0
2080	29.5	67.3	0.33	0.012	3.1	0.0744	0.0033	0.000084	0.00366	0.0016	1.80	0.0000043	0.00729	0.00262	0.00419	0
2081	29.3	66.6	0.32	0.012	2.7	0.0737	0.0032	0.000083	0.00362	0.0016	1.78	0.0000043	0.00721	0.00260	0.00415	0
2082	29.0	66.0	0.32	0.012	2.4	0.0729	0.0032	0.000082	0.00359	0.0016	1.77	0.0000042	0.00714	0.00257	0.00411	0

Appendix C.1-6: WRSF

Year	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2083	28.7	65.4	0.32	0.012	2.1	0.0722	0.0032	0.000081	0.00355	0.0016	1.75	0.0000042	0.00707	0.00255	0.00407	0
2084	28.4	64.7	0.31	0.012	1.8	0.0715	0.0031	0.000080	0.00352	0.0016	1.73	0.0000042	0.00701	0.00252	0.00403	0
2085	28.1	64.1	0.31	0.012	1.6	0.0708	0.0031	0.000080	0.00348	0.0015	1.72	0.0000041	0.00694	0.00250	0.00399	0
2086	27.9	63.5	0.31	0.011	1.4	0.0701	0.0031	0.000079	0.00345	0.0015	1.70	0.0000041	0.00687	0.00247	0.00395	0
2087	27.6	62.8	0.30	0.011	1.2	0.0695	0.0030	0.000078	0.00342	0.0015	1.68	0.0000040	0.00680	0.00245	0.00391	0
2088	27.3	62.2	0.30	0.011	1.1	0.0688	0.0030	0.000077	0.00338	0.0015	1.67	0.0000040	0.00674	0.00242	0.00387	0
2089	27.0	61.6	0.30	0.011	0.9	0.0681	0.0030	0.000076	0.00335	0.0015	1.65	0.0000040	0.00667	0.00240	0.00384	0
2090	26.8	61.0	0.29	0.011	0.8	0.0674	0.0029	0.000076	0.00332	0.0015	1.63	0.0000039	0.00661	0.00238	0.00380	0
2091	26.5	60.4	0.29	0.011	0.7	0.0668	0.0029	0.000075	0.00329	0.0015	1.62	0.0000039	0.00654	0.00235	0.00376	0
2092	26.3	59.8	0.29	0.011	0.6	0.0661	0.0029	0.000074	0.00325	0.0014	1.60	0.0000039	0.00648	0.00233	0.00372	0
2093	26.0	59.3	0.29	0.011	0.5	0.0655	0.0029	0.000074	0.00322	0.0014	1.59	0.0000038	0.00641	0.00231	0.00369	0
2094	25.8	58.7	0.28	0.011	0.5	0.0649	0.0028	0.000073	0.00319	0.0014	1.57	0.0000038	0.00635	0.00229	0.00365	0
2095	25.5	58.1	0.28	0.010	0.4	0.0642	0.0028	0.000072	0.00316	0.0014	1.56	0.0000037	0.00629	0.00226	0.00362	0
2096	25.3	57.5	0.28	0.010	0.4	0.0636	0.0028	0.000071	0.00313	0.0014	1.54	0.0000037	0.00623	0.00224	0.00358	0
2097	25.0	57.0	0.28	0.010	0.3	0.0630	0.0028	0.000071	0.00310	0.0014	1.53	0.0000037	0.00617	0.00222	0.00355	0
2098	24.8	56.4	0.27	0.010	0.3	0.0624	0.0027	0.000070	0.00307	0.0014	1.51	0.0000036	0.00611	0.00220	0.00351	0
2099	24.5	55.9	0.27	0.010	0.2	0.0618	0.0027	0.000069	0.00304	0.0013	1.50	0.0000036	0.00605	0.00218	0.00348	0
2100	24.3	55.3	0.27	0.010	0.2	0.0612	0.0027	0.000069	0.00301	0.0013	1.48	0.0000036	0.00599	0.00215	0.00344	0
WRSF3																
2020	90.4	84.4	0.50	0.054	1548.0	0.0653	0.0050	0.000190	0.00901	0.0048	3.76	0.0000129	0.04280	0.00208	0.00519	0
2021	90.4	84.4	0.50	0.027	1130.0	0.1305	0.0050	0.000190	0.00819	0.0032	3.76	0.0000129	0.04280	0.00208	0.00519	0
2022	80.2	68.0	0.50	0.027	1664.0	0.1314	0.0050	0.000198	0.00770	0.0036	3.88	0.0000108	0.04100	0.00269	0.00550	0
2023	66.7	63.4	0.50	0.022	1063.7	0.0978	0.0050	0.000170	0.00486	0.0025	3.45	0.0000092	0.02132	0.00318	0.00580	0
2024	71.8	61.2	0.49	0.024	1587.8	0.1230	0.0049	0.000179	0.00487	0.0025	3.56	0.0000098	0.02353	0.00310	0.00578	0
2025	63.1	181.9	0.50	0.020	4070.4	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2026	63.1	181.9	0.50	0.020	4070.4	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2027	63.1	181.9	0.50	0.020	4070.4	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2028	63.1	181.9	0.50	0.020	3557.9	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2029	63.1	181.9	0.50	0.020	3109.8	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2030	63.1	181.9	0.50	0.020	2718.2	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2031	63.1	181.9	0.50	0.020	2375.9	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2032	63.1	181.9	0.50	0.020	2076.7	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2033	63.1	181.9	0.50	0.020	1815.2	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2034	63.1	181.9	0.50	0.020	1586.6	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2035	63.1	181.9	0.50	0.020	1386.8	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2036	63.1	181.9	0.50	0.020	1212.2	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2037	62.5	180.1	0.50	0.020	1059.5	0.1102	0.0050	0.000163	0.00565	0.0029	3.38	0.0000084	0.02209	0.00293	0.00547	0
2038	61.9	178.3	0.49	0.020	926.1	0.1091	0.0049	0.000161	0.00560	0.0028	3.35	0.0000083	0.02187	0.00290	0.00542	0
2039	61.3	176.6	0.49	0.020	809.5	0.1081	0.0049	0.000160	0.00554	0.0028	3.32	0.0000083	0.02166	0.00287	0.00537	0
2040	60.7	174.9	0.48	0.019	707.5	0.1070	0.0048	0.000158	0.00549	0.0028	3.29	0.0000082	0.02145	0.00284	0.00531	0
2041	60.1	173.2	0.48	0.019	618.4	0.1060	0.0048	0.000156	0.00544	0.0028	3.25	0.0000081	0.02124	0.00282	0.00526	0
2042	59.5	171.5	0.47	0.019	540.6	0.1049	0.0047	0.000155	0.00538	0.0027	3.22	0.0000080	0.02103	0.00279	0.00521	0
2043	58.9	169.8	0.47	0.019	472.5	0.1039	0.0047	0.000153	0.00533	0.0027	3.19	0.0000079	0.02083	0.00276	0.00516	0
2044	58.4	168.2	0.46	0.019	413.0	0.1029	0.0046	0.000152	0.00528	0.0027	3.16	0.0000079	0.02062	0.00273	0.00511	0
2045	57.8	166.5	0.46	0.018	361.0	0.1019	0.0046	0.000150	0.00523	0.0027	3.13	0.0000078	0.02042	0.00271	0.00506	0
2046	57.2	164.9	0.45	0.018	315.5	0.1009	0.0045	0.000149	0.00518	0.0026	3.10	0.0000077	0.02022	0.00268	0.00501	0
2047	56.7	163.3	0.45	0.018	275.8	0.0999	0.0045	0.000148	0.00513	0.0026	3.07	0.0000076	0.02003	0.00265	0.00496	0
2048	56.1	161.7	0.44	0.018	241.1	0.0989	0.0044	0.000146	0.00508	0.0026	3.04	0.0000076	0.01983	0.00263	0.00491	0
2049	55.6	160.1	0.44	0.018	210.7	0.0980	0.0044	0.000145	0.00503	0.0026	3.01	0.0000075	0.01964	0.00260	0.00487	0
2050	55.0	158.6	0.44	0.018	184.2	0.0970	0.0044	0.000143	0.00498	0.0025	2.98	0.0000074	0.01945	0.00258	0.00482	0
2051	54.5	157.0	0.43	0.017	161.0	0.0961	0.0043	0.000142	0.00493	0.0025	2.95	0.0000073	0.01926	0.00255	0.00477	0
2052	54.0	155.5	0.43	0.017	140.7	0.0951	0.0043	0.000141	0.00488	0.0025	2.92	0.0000073	0.01907	0.00253	0.00473	0
2053	53.4	154.0	0.42	0.017	123.0	0.0942	0.0042	0.000139	0.00483	0.0025	2.89	0.0000072	0.01888	0.00250	0.00468	0
2054	52.9	152.5	0.42	0.017	107.5	0.0933	0.0042	0.000138	0.00479	0.0024	2.87	0.0000071	0.01870	0.00248	0.00463	0
2055	52.4	151.0	0.42	0.017	94.0	0.0924	0.0042	0.000136	0.00474	0.0024	2.84	0.0000071	0.01852	0.00245	0.00459	0
2056	51.9	149.5	0.41	0.017	82.1	0.0915	0.0041	0.000135	0.00469	0.0024	2.81	0.0000070	0.01834	0.00243	0.00454	0
2057	51.4	148.1	0.41	0.016	71.8	0.0906	0.0041	0.000134	0.00465	0.0024	2.78	0.0000069	0.01816	0.00241	0.00450	0
2058	50.9	146.6	0.40	0.016	62.7	0.0897	0.0040	0.000132	0.00460	0.0023	2.76	0.0000069	0.01798	0.00238	0.00446	0
2059	50.4	145.2	0.40	0.016	54.8	0.0888	0.0040	0.000131	0.00456	0.0023	2.73	0.0000068	0.01781	0.00236	0.00441	0
2060	49.9	143.8	0.40	0.016	47.9	0.0880	0.0040	0.000130	0.00451	0.0023	2.70	0.0000067	0.01763	0.00234	0.00437	0
2061	49.4	142.4	0.39	0.016	41.9	0.0871	0.0039	0.000129	0.00447	0.0023	2.68	0.0000067	0.01746	0.00231	0.00433	0
2062	48.9	141.0	0.39	0.016	36.6	0.0863	0.0039	0.000127	0.00443	0.0023	2.65	0.0000066	0.01729	0.00229	0.00428	0
2063	48.4	139.6	0.38	0.015	32.0	0.0854	0.0038	0.000126	0.00438	0.0022	2.62	0.0000065	0.01712	0.00227	0.00424	0
2064	48.0	138.3	0.38	0.015	28.0	0.0846	0.0038	0.000125	0.00434	0.0022	2.60	0.0000065	0.01696	0.00225	0.00420	0

Appendix C.1-6: WRSF

Year	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2065	47.5	136.9	0.38	0.015	24.5	0.0838	0.0038	0.000124	0.00430	0.0022	2.57	0.0000064	0.01679	0.00223	0.00416	0
2066	47.0	135.6	0.37	0.015	21.4	0.0830	0.0037	0.000123	0.00426	0.0022	2.55	0.0000063	0.01663	0.00220	0.00412	0
2067	46.6	134.3	0.37	0.015	18.7	0.0821	0.0037	0.000121	0.00421	0.0021	2.52	0.0000063	0.01646	0.00218	0.00408	0
2068	46.1	133.0	0.37	0.015	16.3	0.0813	0.0037	0.000120	0.00417	0.0021	2.50	0.0000062	0.01630	0.00216	0.00404	0
2069	45.7	131.7	0.36	0.015	14.3	0.0806	0.0036	0.000119	0.00413	0.0021	2.47	0.0000062	0.01615	0.00214	0.00400	0
2070	45.2	130.4	0.36	0.014	12.5	0.0798	0.0036	0.000118	0.00409	0.0021	2.45	0.0000061	0.01599	0.00212	0.00396	0
2071	44.8	129.1	0.35	0.014	10.9	0.0790	0.0035	0.000117	0.00405	0.0021	2.43	0.0000060	0.01583	0.00210	0.00392	0
2072	44.4	127.8	0.35	0.014	9.5	0.0782	0.0035	0.000116	0.00401	0.0020	2.40	0.0000060	0.01568	0.00208	0.00389	0
2073	43.9	126.6	0.35	0.014	8.3	0.0775	0.0035	0.000114	0.00397	0.0020	2.38	0.0000059	0.01553	0.00206	0.00385	0
2074	43.5	125.4	0.34	0.014	7.3	0.0767	0.0034	0.000113	0.00393	0.0020	2.36	0.0000059	0.01537	0.00204	0.00381	0
2075	43.1	124.1	0.34	0.014	6.4	0.0760	0.0034	0.000112	0.00390	0.0020	2.33	0.0000058	0.01522	0.00202	0.00377	0
2076	42.7	122.9	0.34	0.014	5.6	0.0752	0.0034	0.000111	0.00386	0.0020	2.31	0.0000057	0.01508	0.00200	0.00374	0
2077	42.2	121.7	0.33	0.013	4.9	0.0745	0.0033	0.000110	0.00382	0.0019	2.29	0.0000057	0.01493	0.00198	0.00370	0
2078	41.8	120.6	0.33	0.013	4.3	0.0738	0.0033	0.000109	0.00378	0.0019	2.27	0.0000056	0.01478	0.00196	0.00366	0
2079	41.4	119.4	0.33	0.013	3.7	0.0730	0.0033	0.000108	0.00375	0.0019	2.24	0.0000056	0.01464	0.00194	0.00363	0
2080	41.0	118.2	0.32	0.013	3.2	0.0723	0.0032	0.000107	0.00371	0.0019	2.22	0.0000055	0.01450	0.00192	0.00359	0
2081	40.6	117.1	0.32	0.013	2.8	0.0716	0.0032	0.000106	0.00367	0.0019	2.20	0.0000055	0.01436	0.00190	0.00356	0
2082	40.2	115.9	0.32	0.013	2.5	0.0709	0.0032	0.000105	0.00364	0.0019	2.18	0.0000054	0.01422	0.00188	0.00352	0
2083	39.8	114.8	0.32	0.013	2.2	0.0702	0.0032	0.000104	0.00360	0.0018	2.16	0.0000054	0.01408	0.00187	0.00349	0
2084	39.4	113.7	0.31	0.013	1.9	0.0696	0.0031	0.000103	0.00357	0.0018	2.14	0.0000053	0.01394	0.00185	0.00345	0
2085	39.1	112.6	0.31	0.012	1.7	0.0689	0.0031	0.000102	0.00353	0.0018	2.12	0.0000053	0.01380	0.00183	0.00342	0
2086	38.7	111.5	0.31	0.012	1.4	0.0682	0.0031	0.000101	0.00350	0.0018	2.10	0.0000052	0.01367	0.00181	0.00339	0
2087	38.3	110.4	0.30	0.012	1.3	0.0675	0.0030	0.000100	0.00346	0.0018	2.07	0.0000052	0.01354	0.00179	0.00335	0
2088	37.9	109.3	0.30	0.012	1.1	0.0669	0.0030	0.000099	0.00343	0.0017	2.05	0.0000051	0.01340	0.00178	0.00332	0
2089	37.6	108.2	0.30	0.012	1.0	0.0662	0.0030	0.000098	0.00340	0.0017	2.03	0.0000051	0.01327	0.00176	0.00329	0
2090	37.2	107.2	0.29	0.012	0.8	0.0656	0.0029	0.000097	0.00336	0.0017	2.01	0.0000050	0.01315	0.00174	0.00326	0
2091	36.8	106.1	0.29	0.012	0.7	0.0649	0.0029	0.000096	0.00333	0.0017	1.99	0.0000050	0.01302	0.00173	0.00323	0
2092	36.5	105.1	0.29	0.012	0.6	0.0643	0.0029	0.000095	0.00330	0.0017	1.98	0.0000049	0.01289	0.00171	0.00319	0
2093	36.1	104.1	0.29	0.012	0.6	0.0637	0.0029	0.000094	0.00327	0.0017	1.96	0.0000049	0.01276	0.00169	0.00316	0
2094	35.8	103.1	0.28	0.011	0.5	0.0631	0.0028	0.000093	0.00324	0.0016	1.94	0.0000048	0.01264	0.00168	0.00313	0
2095	35.4	102.1	0.28	0.011	0.4	0.0625	0.0028	0.000092	0.00320	0.0016	1.92	0.0000048	0.01252	0.00166	0.00310	0
2096	35.1	101.1	0.28	0.011	0.4	0.0618	0.0028	0.000091	0.00317	0.0016	1.90	0.0000047	0.01240	0.00164	0.00307	0
2097	34.7	100.1	0.28	0.011	0.3	0.0612	0.0028	0.000090	0.00314	0.0016	1.88	0.0000047	0.01227	0.00163	0.00304	0
2098	34.4	99.1	0.27	0.011	0.3	0.0606	0.0027	0.000090	0.00311	0.0016	1.86	0.0000046	0.01215	0.00161	0.00301	0
2099	34.1	98.1	0.27	0.011	0.3	0.0601	0.0027	0.000089	0.00308	0.0016	1.84	0.0000046	0.01204	0.00160	0.00298	0
2100	33.7	97.2	0.27	0.011	0.2	0.0595	0.0027	0.000088	0.00305	0.0016	1.83	0.0000045	0.01192	0.00158	0.00295	0
WRSF6																
2020	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2021	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2022	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2023	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2024	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2025	13.5	334.6	0.50	0.019	6213.4	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2026	13.5	334.6	0.50	0.019	6213.4	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2027	13.5	334.6	0.50	0.019	5430.9	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2028	13.5	334.6	0.50	0.019	4747.0	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2029	13.5	334.6	0.50	0.019	4149.2	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2030	13.5	334.6	0.50	0.019	3626.7	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2031	13.5	334.6	0.50	0.019	6213.4	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2032	13.5	334.6	0.50	0.019	6213.4	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2033	13.5	334.6	0.50	0.019	6213.4	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2034	13.5	334.6	0.50	0.019	5430.9	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2035	13.5	334.6	0.50	0.019	4747.0	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2036	13.5	334.6	0.50	0.019	4149.2	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2037	13.3	331.4	0.49	0.019	3626.7	0.1179	0.0049	0.000072	0.00589	0.0028	1.49	0.0000036	0.00426	0.00469	0.00965	0
2038	13.2	328.2	0.49	0.018	3170.0	0.1168	0.0049	0.000071	0.00584	0.0028	1.47	0.0000036	0.00422	0.00464	0.00956	0
2039	13.1	325.0	0.48	0.018	2770.8	0.1156	0.0048	0.000071	0.00578	0.0028	1.46	0.0000036	0.00418	0.00460	0.00947	0
2040	12.9	321.8	0.48	0.018	2421.9	0.1145	0.0048	0.000070	0.00572	0.0027	1.44	0.0000035	0.00414	0.00455	0.00937	0
2041	12.8	318.7	0.48	0.018	2116.9	0.1134	0.0048	0.000069	0.00567	0.0027	1.43	0.0000035	0.00410	0.00451	0.00928	0
2042	12.7	315.6	0.47	0.018	1850.3	0.1123	0.0047	0.000069	0.00561	0.0027	1.41	0.0000035	0.00406	0.00446	0.00919	0
2043	12.6	312.5	0.47	0.017	1617.3	0.1112	0.0047	0.000068	0.00556	0.0027	1.40	0.0000034	0.00402	0.00442	0.00910	0
2044	12.4	309.4	0.46	0.017	1413.7	0.1101	0.0046	0.000067	0.00550	0.0026	1.39	0.0000034	0.00398	0.00438	0.00901	0
2045	12.3	306.4	0.46	0.017	1235.6	0.1090	0.0046	0.000067	0.00545	0.0026	1.37	0.0000034	0.00394	0.00433	0.00893	0
2046	12.2	303.4	0.45	0.017	1080.0	0.1080	0.0045	0.000066	0.00540	0.0026	1.36	0.0000033	0.00390	0.00429	0.00884	0

Appendix C.1-6: WRSF

Year	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2047	12.1	300.5	0.45	0.017	944.0	0.1069	0.0045	0.000065	0.00534	0.0026	1.35	0.0000033	0.00386	0.00425	0.00875	0
2048	12.0	297.6	0.44	0.017	825.1	0.1059	0.0044	0.000065	0.00529	0.0025	1.33	0.0000033	0.00383	0.00421	0.00867	0
2049	11.9	294.7	0.44	0.016	721.2	0.1048	0.0044	0.000064	0.00524	0.0025	1.32	0.0000032	0.00379	0.00417	0.00858	0
2050	11.7	291.8	0.44	0.016	630.4	0.1038	0.0044	0.000063	0.00519	0.0025	1.31	0.0000032	0.00375	0.00413	0.00850	0
2051	11.6	288.9	0.43	0.016	551.0	0.1028	0.0043	0.000063	0.00514	0.0025	1.30	0.0000032	0.00372	0.00409	0.00842	0
2052	11.5	286.1	0.43	0.016	481.6	0.1018	0.0043	0.000062	0.00509	0.0024	1.28	0.0000031	0.00368	0.00405	0.00834	0
2053	11.4	283.3	0.42	0.016	421.0	0.1008	0.0042	0.000062	0.00504	0.0024	1.27	0.0000031	0.00364	0.00401	0.00825	0
2054	11.3	280.6	0.42	0.016	368.0	0.0998	0.0042	0.000061	0.00499	0.0024	1.26	0.0000031	0.00361	0.00397	0.00817	0
2055	11.2	277.8	0.41	0.016	321.6	0.0989	0.0041	0.000060	0.00494	0.0024	1.25	0.0000030	0.00357	0.00393	0.00809	0
2056	11.1	275.1	0.41	0.015	281.1	0.0979	0.0041	0.000060	0.00489	0.0023	1.23	0.0000030	0.00354	0.00389	0.00802	0
2057	11.0	272.5	0.41	0.015	245.7	0.0969	0.0041	0.000059	0.00485	0.0023	1.22	0.0000030	0.00350	0.00385	0.00794	0
2058	10.9	269.8	0.40	0.015	214.8	0.0960	0.0040	0.000059	0.00480	0.0023	1.21	0.0000030	0.00347	0.00382	0.00786	0
2059	10.7	267.2	0.40	0.015	187.7	0.0951	0.0040	0.000058	0.00475	0.0023	1.20	0.0000029	0.00344	0.00378	0.00778	0
2060	10.6	264.6	0.39	0.015	164.1	0.0941	0.0039	0.000058	0.00470	0.0023	1.19	0.0000029	0.00340	0.00374	0.00771	0
2061	10.5	262.0	0.39	0.015	143.4	0.0932	0.0039	0.000057	0.00466	0.0022	1.17	0.0000029	0.00337	0.00371	0.00763	0
2062	10.4	259.4	0.39	0.015	125.4	0.0923	0.0039	0.000056	0.00461	0.0022	1.16	0.0000028	0.00334	0.00367	0.00756	0
2063	10.3	256.9	0.38	0.014	109.6	0.0914	0.0038	0.000056	0.00457	0.0022	1.15	0.0000028	0.00330	0.00363	0.00748	0
2064	10.2	254.4	0.38	0.014	95.8	0.0905	0.0038	0.000055	0.00452	0.0022	1.14	0.0000028	0.00327	0.00360	0.00741	0
2065	10.1	251.9	0.38	0.014	83.7	0.0896	0.0038	0.000055	0.00448	0.0021	1.13	0.0000028	0.00324	0.00356	0.00734	0
2066	10.0	249.5	0.37	0.014	73.2	0.0888	0.0037	0.000054	0.00444	0.0021	1.12	0.0000027	0.00321	0.00353	0.00727	0
2067	9.9	247.1	0.37	0.014	64.0	0.0879	0.0037	0.000054	0.00439	0.0021	1.11	0.0000027	0.00318	0.00349	0.00720	0
2068	9.8	244.6	0.36	0.014	55.9	0.0870	0.0036	0.000053	0.00435	0.0021	1.10	0.0000027	0.00315	0.00346	0.00713	0
2069	9.7	242.3	0.36	0.014	48.9	0.0862	0.0036	0.000053	0.00431	0.0021	1.09	0.0000027	0.00312	0.00343	0.00706	0
2070	9.6	239.9	0.36	0.013	42.7	0.0854	0.0036	0.000052	0.00427	0.0020	1.08	0.0000026	0.00309	0.00339	0.00699	0
2071	9.6	237.6	0.35	0.013	37.3	0.0845	0.0035	0.000052	0.00422	0.0020	1.06	0.0000026	0.00306	0.00336	0.00692	0
2072	9.5	235.3	0.35	0.013	32.6	0.0837	0.0035	0.000051	0.00418	0.0020	1.05	0.0000026	0.00303	0.00333	0.00685	0
2073	9.4	233.0	0.35	0.013	28.5	0.0829	0.0035	0.000051	0.00414	0.0020	1.04	0.0000025	0.00300	0.00329	0.00679	0
2074	9.3	230.7	0.34	0.013	24.9	0.0821	0.0034	0.000050	0.00410	0.0020	1.03	0.0000025	0.00297	0.00326	0.00672	0
2075	9.2	228.4	0.34	0.013	21.8	0.0813	0.0034	0.000050	0.00406	0.0019	1.02	0.0000025	0.00294	0.00323	0.00666	0
2076	9.1	226.2	0.34	0.013	19.0	0.0805	0.0034	0.000049	0.00402	0.0019	1.01	0.0000025	0.00291	0.00320	0.00659	0
2077	9.0	224.0	0.33	0.013	16.6	0.0797	0.0033	0.000049	0.00398	0.0019	1.00	0.0000025	0.00288	0.00317	0.00653	0
2078	8.9	221.8	0.33	0.012	14.6	0.0789	0.0033	0.000048	0.00394	0.0019	0.99	0.0000024	0.00285	0.00314	0.00646	0
2079	8.8	219.7	0.33	0.012	12.7	0.0782	0.0033	0.000048	0.00391	0.0019	0.98	0.0000024	0.00283	0.00311	0.00640	0
2080	8.7	217.5	0.32	0.012	11.1	0.0774	0.0032	0.000047	0.00387	0.0019	0.97	0.0000024	0.00280	0.00308	0.00634	0
2081	8.7	215.4	0.32	0.012	9.7	0.0766	0.0032	0.000047	0.00383	0.0018	0.97	0.0000024	0.00277	0.00305	0.00628	0
2082	8.6	213.3	0.32	0.012	8.5	0.0759	0.0032	0.000046	0.00379	0.0018	0.96	0.0000023	0.00274	0.00302	0.00621	0
2083	8.5	211.2	0.31	0.012	7.4	0.0752	0.0031	0.000046	0.00376	0.0018	0.95	0.0000023	0.00272	0.00299	0.00615	0
2084	8.4	209.2	0.31	0.012	6.5	0.0744	0.0031	0.000045	0.00372	0.0018	0.94	0.0000023	0.00269	0.00296	0.00609	0
2085	8.3	207.1	0.31	0.012	5.7	0.0737	0.0031	0.000045	0.00368	0.0018	0.93	0.0000023	0.00266	0.00293	0.00603	0
2086	8.3	205.1	0.31	0.011	5.0	0.0730	0.0031	0.000045	0.00365	0.0017	0.92	0.0000022	0.00264	0.00290	0.00598	0
2087	8.2	203.1	0.30	0.011	4.3	0.0723	0.0030	0.000044	0.00361	0.0017	0.91	0.0000022	0.00261	0.00287	0.00592	0
2088	8.1	201.1	0.30	0.011	3.8	0.0716	0.0030	0.000044	0.00358	0.0017	0.90	0.0000022	0.00259	0.00284	0.00586	0
2089	8.0	199.2	0.30	0.011	3.3	0.0709	0.0030	0.000043	0.00354	0.0017	0.89	0.0000022	0.00256	0.00282	0.00580	0
2090	7.9	197.2	0.29	0.011	2.9	0.0702	0.0029	0.000043	0.00351	0.0017	0.88	0.0000022	0.00254	0.00279	0.00575	0
2091	7.9	195.3	0.29	0.011	2.5	0.0695	0.0029	0.000042	0.00347	0.0017	0.88	0.0000021	0.00251	0.00276	0.00569	0
2092	7.8	193.4	0.29	0.011	2.2	0.0688	0.0029	0.000042	0.00344	0.0016	0.87	0.0000021	0.00249	0.00274	0.00563	0
2093	7.7	191.5	0.29	0.011	1.9	0.0682	0.0029	0.000042	0.00341	0.0016	0.86	0.0000021	0.00246	0.00271	0.00558	0
2094	7.6	189.7	0.28	0.011	1.7	0.0675	0.0028	0.000041	0.00337	0.0016	0.85	0.0000021	0.00244	0.00268	0.00553	0
2095	7.6	187.8	0.28	0.011	1.5	0.0668	0.0028	0.000041	0.00334	0.0016	0.84	0.0000021	0.00242	0.00266	0.00547	0
2096	7.5	186.0	0.28	0.010	1.3	0.0662	0.0028	0.000040	0.00331	0.0016	0.83	0.0000020	0.00239	0.00263	0.00542	0
2097	7.4	184.2	0.27	0.010	1.1	0.0655	0.0027	0.000040	0.00328	0.0016	0.83	0.0000020	0.00237	0.00260	0.00537	0
2098	7.3	182.4	0.27	0.010	1.0	0.0649	0.0027	0.000040	0.00324	0.0016	0.82	0.0000020	0.00235	0.00258	0.00531	0
2099	7.3	180.6	0.27	0.010	0.9	0.0643	0.0027	0.000039	0.00321	0.0015	0.81	0.0000020	0.00232	0.00255	0.00526	0
2100	7.2	178.8	0.27	0.010	0.8	0.0636	0.0027	0.000039	0.00318	0.0015	0.80	0.0000020	0.00230	0.00253	0.00521	0
WRSF7																
2020	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2021	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2022	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2023	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2024	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2025	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2026	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2027	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2028	14.5	197.9	0.50	0.018	3673.5	0.1343	0.0050	0.000066	0.00583	0.0027	1.48	0.0000039	0.00412	0.00524	0.00891	0

Appendix C.1-6: WRSF

Year	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2029	14.5	197.9	0.50	0.018	3673.5	0.1343	0.0050	0.000066	0.00583	0.0027	1.48	0.0000039	0.00412	0.00524	0.00891	0
2030	14.5	197.9	0.50	0.018	3673.5	0.1343	0.0050	0.000066	0.00583	0.0027	1.48	0.0000039	0.00412	0.00524	0.00891	0
2031	14.5	197.9	0.50	0.018	3210.9	0.1343	0.0050	0.000066	0.00583	0.0027	1.48	0.0000039	0.00412	0.00524	0.00891	0
2032	14.5	197.9	0.50	0.018	3673.5	0.1343	0.0050	0.000066	0.00583	0.0027	1.48	0.0000039	0.00412	0.00524	0.00891	0
2033	14.5	197.9	0.50	0.018	3673.5	0.1343	0.0050	0.000066	0.00583	0.0027	1.48	0.0000039	0.00412	0.00524	0.00891	0
2034	14.5	197.9	0.50	0.018	3210.9	0.1343	0.0050	0.000066	0.00583	0.0027	1.48	0.0000039	0.00412	0.00524	0.00891	0
2035	14.5	197.9	0.50	0.018	2806.6	0.1343	0.0050	0.000066	0.00583	0.0027	1.48	0.0000039	0.00412	0.00524	0.00891	0
2036	14.5	197.9	0.50	0.018	2453.1	0.1343	0.0050	0.000066	0.00583	0.0027	1.48	0.0000039	0.00412	0.00524	0.00891	0
2037	14.4	195.9	0.50	0.018	2144.2	0.1330	0.0050	0.000065	0.00577	0.0027	1.46	0.0000038	0.00408	0.00519	0.00882	0
2038	14.2	194.0	0.49	0.017	1874.2	0.1317	0.0049	0.000065	0.00571	0.0027	1.45	0.0000038	0.00404	0.00514	0.00874	0
2039	14.1	192.1	0.49	0.017	1638.2	0.1304	0.0049	0.000064	0.00566	0.0027	1.44	0.0000038	0.00400	0.00509	0.00865	0
2040	14.0	190.3	0.48	0.017	1431.9	0.1291	0.0048	0.000064	0.00560	0.0026	1.42	0.0000037	0.00396	0.00504	0.00857	0
2041	13.8	188.4	0.48	0.017	1251.6	0.1279	0.0048	0.000063	0.00555	0.0026	1.41	0.0000037	0.00392	0.00499	0.00848	0
2042	13.7	186.6	0.47	0.017	1094.0	0.1266	0.0047	0.000062	0.00550	0.0026	1.39	0.0000036	0.00389	0.00494	0.00840	0
2043	13.5	184.7	0.47	0.017	956.2	0.1254	0.0047	0.000062	0.00544	0.0026	1.38	0.0000036	0.00385	0.00489	0.00832	0
2044	13.4	182.9	0.46	0.016	835.8	0.1242	0.0046	0.000061	0.00539	0.0025	1.37	0.0000036	0.00381	0.00484	0.00824	0
2045	13.3	181.2	0.46	0.016	730.5	0.1230	0.0046	0.000060	0.00534	0.0025	1.35	0.0000035	0.00377	0.00480	0.00816	0
2046	13.2	179.4	0.45	0.016	638.5	0.1218	0.0045	0.000060	0.00528	0.0025	1.34	0.0000035	0.00374	0.00475	0.00808	0
2047	13.0	177.7	0.45	0.016	558.1	0.1206	0.0045	0.000059	0.00523	0.0025	1.33	0.0000035	0.00370	0.00470	0.00800	0
2048	12.9	175.9	0.44	0.016	487.8	0.1194	0.0044	0.000059	0.00518	0.0024	1.31	0.0000034	0.00366	0.00466	0.00792	0
2049	12.8	174.2	0.44	0.016	426.4	0.1183	0.0044	0.000058	0.00513	0.0024	1.30	0.0000034	0.00363	0.00461	0.00784	0
2050	12.7	172.5	0.44	0.015	372.7	0.1171	0.0044	0.000058	0.00508	0.0024	1.29	0.0000034	0.00359	0.00457	0.00777	0
2051	12.5	170.8	0.43	0.015	325.8	0.1160	0.0043	0.000057	0.00503	0.0024	1.28	0.0000033	0.00356	0.00452	0.00769	0
2052	12.4	169.2	0.43	0.015	284.8	0.1148	0.0043	0.000056	0.00498	0.0024	1.26	0.0000033	0.00352	0.00448	0.00762	0
2053	12.3	167.5	0.42	0.015	248.9	0.1137	0.0042	0.000056	0.00493	0.0023	1.25	0.0000033	0.00349	0.00444	0.00754	0
2054	12.2	165.9	0.42	0.015	217.6	0.1126	0.0042	0.000055	0.00489	0.0023	1.24	0.0000032	0.00346	0.00439	0.00747	0
2055	12.0	164.3	0.42	0.015	190.2	0.1115	0.0042	0.000055	0.00484	0.0023	1.23	0.0000032	0.00342	0.00435	0.00740	0
2056	11.9	162.7	0.41	0.015	166.2	0.1104	0.0041	0.000054	0.00479	0.0023	1.22	0.0000032	0.00339	0.00431	0.00733	0
2057	11.8	161.1	0.41	0.014	145.3	0.1093	0.0041	0.000054	0.00474	0.0022	1.20	0.0000032	0.00336	0.00427	0.00725	0
2058	11.7	159.5	0.40	0.014	127.0	0.1083	0.0040	0.000053	0.00470	0.0022	1.19	0.0000031	0.00332	0.00422	0.00718	0
2059	11.6	158.0	0.40	0.014	111.0	0.1072	0.0040	0.000053	0.00465	0.0022	1.18	0.0000031	0.00329	0.00418	0.00711	0
2060	11.5	156.4	0.40	0.014	97.0	0.1062	0.0040	0.000052	0.00461	0.0022	1.17	0.0000031	0.00326	0.00414	0.00704	0
2061	11.4	154.9	0.39	0.014	84.8	0.1052	0.0039	0.000052	0.00456	0.0022	1.16	0.0000030	0.00323	0.00410	0.00698	0
2062	11.2	153.4	0.39	0.014	74.1	0.1041	0.0039	0.000051	0.00452	0.0021	1.15	0.0000030	0.00320	0.00406	0.00691	0
2063	11.1	151.9	0.38	0.014	64.8	0.1031	0.0038	0.000051	0.00447	0.0021	1.14	0.0000030	0.00316	0.00402	0.00684	0
2064	11.0	150.4	0.38	0.013	56.6	0.1021	0.0038	0.000050	0.00443	0.0021	1.12	0.0000029	0.00313	0.00398	0.00677	0
2065	10.9	149.0	0.38	0.013	49.5	0.1011	0.0038	0.000050	0.00439	0.0021	1.11	0.0000029	0.00310	0.00394	0.00671	0
2066	10.8	147.5	0.37	0.013	43.3	0.1001	0.0037	0.000049	0.00434	0.0020	1.10	0.0000029	0.00307	0.00391	0.00664	0
2067	10.7	146.1	0.37	0.013	37.8	0.0992	0.0037	0.000049	0.00430	0.0020	1.09	0.0000029	0.00304	0.00387	0.00658	0
2068	10.6	144.6	0.37	0.013	33.1	0.0982	0.0037	0.000048	0.00426	0.0020	1.08	0.0000028	0.00301	0.00383	0.00651	0
2069	10.5	143.2	0.36	0.013	28.9	0.0972	0.0036	0.000048	0.00422	0.0020	1.07	0.0000028	0.00298	0.00379	0.00645	0
2070	10.4	141.8	0.36	0.013	25.3	0.0963	0.0036	0.000047	0.00418	0.0020	1.06	0.0000028	0.00295	0.00376	0.00639	0
2071	10.3	140.5	0.35	0.013	22.1	0.0953	0.0035	0.000047	0.00414	0.0020	1.05	0.0000027	0.00293	0.00372	0.00632	0
2072	10.2	139.1	0.35	0.012	19.3	0.0944	0.0035	0.000046	0.00410	0.0019	1.04	0.0000027	0.00290	0.00368	0.00626	0
2073	10.1	137.7	0.35	0.012	16.9	0.0935	0.0035	0.000046	0.00406	0.0019	1.03	0.0000027	0.00287	0.00365	0.00620	0
2074	10.0	136.4	0.34	0.012	14.7	0.0926	0.0034	0.000046	0.00402	0.0019	1.02	0.0000027	0.00284	0.00361	0.00614	0
2075	9.9	135.1	0.34	0.012	12.9	0.0917	0.0034	0.000045	0.00398	0.0019	1.01	0.0000026	0.00281	0.00358	0.00608	0
2076	9.8	133.7	0.34	0.012	11.3	0.0908	0.0034	0.000045	0.00394	0.0019	1.00	0.0000026	0.00279	0.00354	0.00602	0
2077	9.7	132.4	0.33	0.012	9.8	0.0899	0.0033	0.000044	0.00390	0.0018	0.99	0.0000026	0.00276	0.00351	0.00596	0
2078	9.6	131.2	0.33	0.012	8.6	0.0890	0.0033	0.000044	0.00386	0.0018	0.98	0.0000026	0.00273	0.00347	0.00591	0
2079	9.5	129.9	0.33	0.012	7.5	0.0882	0.0033	0.000043	0.00383	0.0018	0.97	0.0000025	0.00271	0.00344	0.00585	0
2080	9.4	128.6	0.33	0.011	6.6	0.0873	0.0033	0.000043	0.00379	0.0018	0.96	0.0000025	0.00268	0.00341	0.00579	0
2081	9.3	127.4	0.32	0.011	5.7	0.0865	0.0032	0.000043	0.00375	0.0018	0.95	0.0000025	0.00265	0.00337	0.00573	0
2082	9.2	126.1	0.32	0.011	5.0	0.0856	0.0032	0.000042	0.00371	0.0018	0.94	0.0000025	0.00263	0.00334	0.00568	0
2083	9.2	124.9	0.32	0.011	4.4	0.0848	0.0032	0.000042	0.00368	0.0017	0.93	0.0000024	0.00260	0.00331	0.00562	0
2084	9.1	123.7	0.31	0.011	3.8	0.0840	0.0031	0.000041	0.00364	0.0017	0.92	0.0000024	0.00258	0.00327	0.00557	0
2085	9.0	122.5	0.31	0.011	3.4	0.0831	0.0031	0.000041	0.00361	0.0017	0.92	0.0000024	0.00255	0.00324	0.00551	0
2086	8.9	121.3	0.31	0.011	2.9	0.0823	0.0031	0.000040	0.00357	0.0017	0.91	0.0000024	0.00253	0.00321	0.00546	0
2087	8.8	120.1	0.30	0.011	2.6	0.0815	0.0030	0.000040	0.00354	0.0017	0.90	0.0000023	0.00250	0.00318	0.00541	0
2088	8.7	118.9	0.30	0.011	2.2	0.0807	0.0030	0.000040	0.00350	0.0017	0.89	0.0000023	0.00248	0.00315	0.00536	0
2089	8.6	117.8	0.30	0.011	2.0	0.0799	0.0030	0.000039	0.00347	0.0016	0.88	0.0000023	0.00245	0.00312	0.00530	0
2090	8.6	116.6	0.29	0.010	1.7	0.0792	0.0029	0.000039	0.00343	0.0016	0.87	0.0000023	0.00243	0.00309	0.00525	0
2091	8.5	115.5	0.29	0.010	1.5	0.0784	0.0029	0.000039	0.00340	0.0016	0.86	0.0000023	0.00241	0.00306	0.00520	0
2092	8.4	114.4	0.29	0.010	1.3	0.0776	0.0029	0.000038	0.00337	0.0016	0.85	0.0000022	0.00238	0.00303	0.00515	0

Appendix C.1-6: WRSF

Year	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2093	8.3	113.2	0.29	0.010	1.1	0.0769	0.0029	0.000038	0.00334	0.0016	0.85	0.0000022	0.00236	0.00300	0.00510	0
2094	8.2	112.1	0.28	0.010	1.0	0.0761	0.0028	0.000037	0.00330	0.0016	0.84	0.0000022	0.00234	0.00297	0.00505	0
2095	8.1	111.0	0.28	0.010	0.9	0.0754	0.0028	0.000037	0.00327	0.0015	0.83	0.0000022	0.00231	0.00294	0.00500	0
2096	8.1	110.0	0.28	0.010	0.8	0.0746	0.0028	0.000037	0.00324	0.0015	0.82	0.0000022	0.00229	0.00291	0.00495	0
2097	8.0	108.9	0.28	0.010	0.7	0.0739	0.0028	0.000036	0.00321	0.0015	0.81	0.0000021	0.00227	0.00288	0.00490	0
2098	7.9	107.8	0.27	0.010	0.6	0.0732	0.0027	0.000036	0.00318	0.0015	0.81	0.0000021	0.00225	0.00286	0.00486	0
2099	7.8	106.8	0.27	0.010	0.5	0.0725	0.0027	0.000036	0.00315	0.0015	0.80	0.0000021	0.00222	0.00283	0.00481	0
2100	7.8	105.7	0.27	0.009	0.4	0.0718	0.0027	0.000035	0.00311	0.0015	0.79	0.0000021	0.00220	0.00280	0.00476	0
WRSF9																
2020	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2021	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2022	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2023	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2024	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2025	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2026	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2027	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2028	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2029	76.9	121.4	0.50	0.040	2253.2	0.0713	0.0050	0.000153	0.00580	0.0026	3.96	0.0000120	0.03062	0.00227	0.00576	0
2030	76.9	121.4	0.50	0.040	2253.2	0.0713	0.0050	0.000153	0.00580	0.0026	3.96	0.0000120	0.03062	0.00227	0.00576	0
2031	76.9	121.4	0.50	0.040	2253.2	0.0713	0.0050	0.000153	0.00580	0.0026	3.96	0.0000120	0.03062	0.00227	0.00576	0
2032	76.9	121.4	0.50	0.040	1969.5	0.0713	0.0050	0.000153	0.00580	0.0026	3.96	0.0000120	0.03062	0.00227	0.00576	0
2033	76.9	121.4	0.50	0.040	1721.4	0.0713	0.0050	0.000153	0.00580	0.0026	3.96	0.0000120	0.03062	0.00227	0.00576	0
2034	76.9	121.4	0.50	0.040	1504.7	0.0713	0.0050	0.000153	0.00580	0.0026	3.96	0.0000120	0.03062	0.00227	0.00576	0
2035	76.9	121.4	0.50	0.040	1315.2	0.0713	0.0050	0.000153	0.00580	0.0026	3.96	0.0000120	0.03062	0.00227	0.00576	0
2036	76.9	121.4	0.50	0.040	1149.6	0.0713	0.0050	0.000153	0.00580	0.0026	3.96	0.0000120	0.03062	0.00227	0.00576	0
2037	76.1	120.2	0.50	0.040	1004.8	0.0706	0.0050	0.000151	0.00575	0.0026	3.92	0.0000119	0.03033	0.00224	0.00570	0
2038	75.4	119.0	0.49	0.039	878.3	0.0699	0.0049	0.000150	0.00569	0.0026	3.89	0.0000117	0.03003	0.00222	0.00565	0
2039	74.7	117.8	0.49	0.039	767.7	0.0692	0.0049	0.000148	0.00564	0.0026	3.85	0.0000116	0.02974	0.00220	0.00559	0
2040	73.9	116.7	0.48	0.039	671.0	0.0686	0.0048	0.000147	0.00558	0.0025	3.81	0.0000115	0.02945	0.00218	0.00554	0
2041	73.2	115.6	0.48	0.038	586.5	0.0679	0.0048	0.000145	0.00553	0.0025	3.77	0.0000114	0.02916	0.00216	0.00549	0
2042	72.5	114.4	0.47	0.038	512.6	0.0672	0.0047	0.000144	0.00547	0.0025	3.74	0.0000113	0.02888	0.00214	0.00543	0
2043	71.8	113.3	0.47	0.037	448.1	0.0666	0.0047	0.000143	0.00542	0.0025	3.70	0.0000112	0.02860	0.00212	0.00538	0
2044	71.1	112.2	0.46	0.037	391.7	0.0659	0.0046	0.000141	0.00537	0.0024	3.66	0.0000111	0.02832	0.00209	0.00533	0
2045	70.4	111.1	0.46	0.037	342.3	0.0653	0.0046	0.000140	0.00531	0.0024	3.63	0.0000110	0.02804	0.00207	0.00527	0
2046	69.7	110.0	0.45	0.036	299.2	0.0646	0.0045	0.000138	0.00526	0.0024	3.59	0.0000109	0.02777	0.00205	0.00522	0
2047	69.0	109.0	0.45	0.036	261.5	0.0640	0.0045	0.000137	0.00521	0.0024	3.56	0.0000108	0.02750	0.00203	0.00517	0
2048	68.4	107.9	0.44	0.036	228.6	0.0634	0.0044	0.000136	0.00516	0.0024	3.52	0.0000106	0.02723	0.00201	0.00512	0
2049	67.7	106.9	0.44	0.035	199.8	0.0628	0.0044	0.000134	0.00511	0.0023	3.49	0.0000105	0.02696	0.00199	0.00507	0
2050	67.0	105.8	0.44	0.035	174.7	0.0622	0.0044	0.000133	0.00506	0.0023	3.46	0.0000104	0.02670	0.00198	0.00502	0
2051	66.4	104.8	0.43	0.035	152.7	0.0616	0.0043	0.000132	0.00501	0.0023	3.42	0.0000103	0.02644	0.00196	0.00497	0
2052	65.7	103.8	0.43	0.034	133.4	0.0610	0.0043	0.000131	0.00496	0.0023	3.39	0.0000102	0.02618	0.00194	0.00493	0
2053	65.1	102.7	0.42	0.034	116.6	0.0604	0.0042	0.000129	0.00491	0.0022	3.36	0.0000101	0.02593	0.00192	0.00488	0
2054	64.5	101.7	0.42	0.034	101.9	0.0598	0.0042	0.000128	0.00487	0.0022	3.32	0.0000100	0.02568	0.00190	0.00483	0
2055	63.8	100.8	0.42	0.033	89.1	0.0592	0.0042	0.000127	0.00482	0.0022	3.29	0.0000099	0.02543	0.00188	0.00478	0
2056	63.2	99.8	0.41	0.033	77.9	0.0586	0.0041	0.000126	0.00477	0.0022	3.26	0.0000098	0.02518	0.00186	0.00474	0
2057	62.6	98.8	0.41	0.033	68.1	0.0580	0.0041	0.000124	0.00473	0.0022	3.23	0.0000097	0.02493	0.00184	0.00469	0
2058	62.0	97.8	0.40	0.032	59.5	0.0575	0.0040	0.000123	0.00468	0.0021	3.19	0.0000097	0.02469	0.00183	0.00464	0
2059	61.4	96.9	0.40	0.032	52.0	0.0569	0.0040	0.000122	0.00463	0.0021	3.16	0.0000096	0.02445	0.00181	0.00460	0
2060	60.8	95.9	0.40	0.032	45.5	0.0564	0.0040	0.000121	0.00459	0.0021	3.13	0.0000095	0.02421	0.00179	0.00455	0
2061	60.2	95.0	0.39	0.031	39.7	0.0558	0.0039	0.000120	0.00454	0.0021	3.10	0.0000094	0.02398	0.00177	0.00451	0
2062	59.6	94.1	0.39	0.031	34.7	0.0553	0.0039	0.000118	0.00450	0.0021	3.07	0.0000093	0.02374	0.00176	0.00447	0
2063	59.0	93.2	0.38	0.031	30.4	0.0547	0.0038	0.000117	0.00446	0.0020	3.04	0.0000092	0.02351	0.00174	0.00442	0
2064	58.5	92.3	0.38	0.031	26.5	0.0542	0.0038	0.000116	0.00441	0.0020	3.01	0.0000091	0.02328	0.00172	0.00438	0
2065	57.9	91.4	0.38	0.030	23.2	0.0537	0.0038	0.000115	0.00437	0.0020	2.98	0.0000090	0.02305	0.00171	0.00434	0
2066	57.3	90.5	0.37	0.030	20.3	0.0532	0.0037	0.000114	0.00433	0.0020	2.95	0.0000089	0.02283	0.00169	0.00429	0
2067	56.8	89.6	0.37	0.030	17.7	0.0526	0.0037	0.000113	0.00428	0.0020	2.93	0.0000088	0.02261	0.00167	0.00425	0
2068	56.2	88.7	0.37	0.029	15.5	0.0521	0.0037	0.000112	0.00424	0.0019	2.90	0.0000088	0.02239	0.00166	0.00421	0
2069	55.7	87.9	0.36	0.029	13.5	0.0516	0.0036	0.000111	0.00420	0.0019	2.87	0.0000087	0.02217	0.00164	0.00417	0
2070	55.1	87.0	0.36	0.029	11.8	0.0511	0.0036	0.000109	0.00416	0.0019	2.84	0.0000086	0.02195	0.00162	0.00413	0
2071	54.6	86.1	0.35	0.028	10.3	0.0506	0.0035	0.000108	0.00412	0.0019	2.81	0.0000085	0.02174	0.00161	0.00409	0
2072	54.1	85.3	0.35	0.028	9.0	0.0501	0.0035	0.000107	0.00408	0.0019	2.79	0.0000084	0.02153	0.00159	0.00405	0
2073	53.5	84.5	0.35	0.028	7.9	0.0496	0.0035	0.000106	0.00404	0.0018	2.76	0.0000083	0.02132	0.00158	0.00401	0
2074	53.0	83.7	0.34	0.028	6.9	0.0491	0.0034	0.000105	0.00400	0.0018	2.73	0.0000083	0.02111	0.00156	0.00397	0

Appendix C.1-6: WRSF

Year	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2075	52.5	82.8	0.34	0.027	6.0	0.0487	0.0034	0.000104	0.00396	0.0018	2.70	0.0000082	0.02090	0.00155	0.00393	0
2076	52.0	82.0	0.34	0.027	5.3	0.0482	0.0034	0.000103	0.00392	0.0018	2.68	0.0000081	0.02070	0.00153	0.00389	0
2077	51.5	81.2	0.33	0.027	4.6	0.0477	0.0033	0.000102	0.00389	0.0018	2.65	0.0000080	0.02050	0.00152	0.00386	0
2078	51.0	80.4	0.33	0.027	4.0	0.0473	0.0033	0.000101	0.00385	0.0018	2.63	0.0000079	0.02030	0.00150	0.00382	0
2079	50.5	79.7	0.33	0.026	3.5	0.0468	0.0033	0.000100	0.00381	0.0017	2.60	0.0000079	0.02010	0.00149	0.00378	0
2080	50.0	78.9	0.33	0.026	3.1	0.0463	0.0033	0.000099	0.00377	0.0017	2.58	0.0000078	0.01991	0.00147	0.00374	0
2081	49.5	78.1	0.32	0.026	2.7	0.0459	0.0032	0.000098	0.00374	0.0017	2.55	0.0000077	0.01971	0.00146	0.00371	0
2082	49.0	77.4	0.32	0.026	2.4	0.0454	0.0032	0.000097	0.00370	0.0017	2.53	0.0000076	0.01952	0.00144	0.00367	0
2083	48.5	76.6	0.32	0.025	2.1	0.0450	0.0032	0.000096	0.00366	0.0017	2.50	0.0000076	0.01933	0.00143	0.00364	0
2084	48.1	75.9	0.31	0.025	1.8	0.0446	0.0031	0.000095	0.00363	0.0017	2.48	0.0000075	0.01914	0.00142	0.00360	0
2085	47.6	75.1	0.31	0.025	1.6	0.0441	0.0031	0.000094	0.00359	0.0016	2.45	0.0000074	0.01896	0.00140	0.00357	0
2086	47.1	74.4	0.31	0.025	1.4	0.0437	0.0031	0.000094	0.00356	0.0016	2.43	0.0000073	0.01877	0.00139	0.00353	0
2087	46.7	73.7	0.30	0.024	1.2	0.0433	0.0030	0.000093	0.00352	0.0016	2.41	0.0000073	0.01859	0.00138	0.00350	0
2088	46.2	72.9	0.30	0.024	1.0	0.0429	0.0030	0.000092	0.00349	0.0016	2.38	0.0000072	0.01841	0.00136	0.00346	0
2089	45.8	72.2	0.30	0.024	0.9	0.0424	0.0030	0.000091	0.00345	0.0016	2.36	0.0000071	0.01823	0.00135	0.00343	0
2090	45.3	71.5	0.29	0.024	0.8	0.0420	0.0029	0.000090	0.00342	0.0016	2.34	0.0000071	0.01805	0.00134	0.00340	0
2091	44.9	70.8	0.29	0.023	0.7	0.0416	0.0029	0.000089	0.00339	0.0015	2.31	0.0000070	0.01787	0.00132	0.00336	0
2092	44.4	70.1	0.29	0.023	0.6	0.0412	0.0029	0.000088	0.00335	0.0015	2.29	0.0000069	0.01770	0.00131	0.00333	0
2093	44.0	69.5	0.29	0.023	0.5	0.0408	0.0029	0.000087	0.00332	0.0015	2.27	0.0000069	0.01753	0.00130	0.00330	0
2094	43.6	68.8	0.28	0.023	0.5	0.0404	0.0028	0.000087	0.00329	0.0015	2.25	0.0000068	0.01736	0.00128	0.00326	0
2095	43.2	68.1	0.28	0.023	0.4	0.0400	0.0028	0.000086	0.00326	0.0015	2.22	0.0000067	0.01719	0.00127	0.00323	0
2096	42.7	67.4	0.28	0.022	0.4	0.0396	0.0028	0.000085	0.00323	0.0015	2.20	0.0000067	0.01702	0.00126	0.00320	0
2097	42.3	66.8	0.28	0.022	0.3	0.0392	0.0028	0.000084	0.00319	0.0015	2.18	0.0000066	0.01685	0.00125	0.00317	0
2098	41.9	66.1	0.27	0.022	0.3	0.0389	0.0027	0.000083	0.00316	0.0014	2.16	0.0000065	0.01669	0.00123	0.00314	0
2099	41.5	65.5	0.27	0.022	0.2	0.0385	0.0027	0.000082	0.00313	0.0014	2.14	0.0000065	0.01653	0.00122	0.00311	0
2100	41.1	64.9	0.27	0.021	0.2	0.0381	0.0027	0.000082	0.00310	0.0014	2.12	0.0000064	0.01637	0.00121	0.00308	0
Saline - TIRI																
2020	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2021	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2022	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2023	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2024	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2025	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2026	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2027	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2028	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2029	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2030	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2031	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2032	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2033	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2034	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2035	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
2036	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114006
Saline - PUMP																
2020	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2021	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2022	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2023	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2024	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2025	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2026	514.0	667.3	0.50	0.020	9538.7	0.1421	0.0050	0.000065	0.00176	0.0036	1.08	0.0000068	0.00553	0.00390	0.00780	0.178114006
2027	514.0	667.3	0.50	0.020	9538.7	0.1421	0.0050	0.000065	0.00176	0.0036	1.08	0.0000068	0.00553	0.00390	0.00780	0.178114006
2028	514.0	667.3	0.50	0.020	9538.7	0.1421	0.0050	0.000065	0.00176	0.0036	1.08	0.0000068	0.00553	0.00390	0.00780	0.178114006
2029	514.0	667.3	0.50	0.020	9538.7	0.1421	0.0050	0.000065	0.00176	0.0036	1.08	0.0000068	0.00553	0.00390	0.00780	0.178114006
2030	514.0	667.3	0.50	0.020	9538.7	0.1421	0.0050	0.000065	0.00176	0.0036	1.08	0.0000068	0.00553	0.00390	0.00780	0.178114006
2031	514.0	667.3	0.50	0.020	9538.7	0.1421	0.0050	0.000065	0.00176	0.0036	1.08	0.0000068	0.00553	0.00390	0.00780	0.178114006
2032	514.0	667.3	0.50	0.020	9538.7	0.1421	0.0050	0.000065	0.00176	0.0036	1.08	0.0000068	0.00553	0.00390	0.00780	0.178114006
2033	514.0	667.3	0.50	0.020	9538.7	0.1421	0.0050	0.000065	0.00176	0.0036	1.08	0.0000068	0.00553	0.00390	0.00780	0.178114006
2034	514.0	667.3	0.50	0.020	9538.7	0.1421	0.0050	0.000065	0.00176	0.0036	1.08	0.0000068	0.00553	0.00390	0.00780	0.178114006
2035	514.0	667.3	0.50	0.020	9538.7	0.1421	0.0050	0.000065	0.00176	0.0036	1.08	0.0000068	0.00553	0.00390	0.00780	0.178114006
2036	449.3	583.2	0.50	0.020	8337.5	0.1421	0.0050	0.000065	0.00176	0.0036	1.08	0.0000068	0.00553	0.00390	0.00780	0.155702542

Appendix C.1-7: TSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TSF Runoff																			
2020	5790	22.30	16.17	0.714	2144	0.346	956	0.012	0.005	0.000059	0.016	0.444	0.505	0.229	0.000134	503	0.00047	0.0304	0.00253
2021	5790	22.30	16.17	0.714	2144	0.346	956	0.012	0.005	0.000059	0.016	0.443	0.505	0.230	0.000134	503	0.00047	0.0305	0.00254
2022	5620	22.30	16.17	0.714	2040	0.346	952	0.012	0.005	0.000058	0.016	0.439	0.505	0.235	0.000135	496	0.00046	0.0302	0.00259
2023	5580	22.30	16.17	0.714	2016	0.346	952	0.012	0.005	0.000058	0.016	0.440	0.505	0.232	0.000133	495	0.00046	0.0301	0.00255
2024	5480	22.30	16.17	0.714	1960	0.346	949	0.012	0.005	0.000058	0.017	0.443	0.505	0.239	0.000135	490	0.00046	0.0299	0.00258
2025	4408	22.28	16.19	0.714	1671	0.346	938	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	470	0.00048	0.0515	0.00547
2026	3669	22.28	16.19	0.714	1137	0.346	918	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	433	0.00048	0.0515	0.00547
2027	4495	22.28	16.19	0.714	1734	0.346	940	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	475	0.00048	0.0515	0.00547
2028	4538	22.28	16.19	0.714	1766	0.346	942	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	477	0.00048	0.0515	0.00547
2029	4734	22.28	16.19	0.714	1907	0.346	947	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	487	0.00048	0.0515	0.00547
2030	4973	22.28	16.19	0.714	2080	0.346	954	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	499	0.00048	0.0515	0.00547
2031	4908	22.28	16.19	0.714	2033	0.346	952	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	496	0.00048	0.0515	0.00547
2032	4517	22.28	16.19	0.714	1750	0.346	941	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	476	0.00048	0.0515	0.00547
2033	4473	22.28	16.19	0.714	1718	0.346	940	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	474	0.00048	0.0515	0.00547
2034	4647	22.28	16.19	0.714	1844	0.346	945	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	482	0.00048	0.0515	0.00547
2035	4864	22.28	16.19	0.714	2001	0.346	951	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	493	0.00048	0.0515	0.00547
2036	4604	22.28	16.19	0.714	1813	0.346	943	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	480	0.00048	0.0515	0.00547
2037	3829	4.89	27.56	0.311	1552	0.749	866	0.000	0.000	0.000014	0.030	0.021	1.297	0.077	0.000021	190	0.00023	0.0315	0.00170
2038	3490	4.27	24.09	0.272	1357	0.742	857	0.000	0.000	0.000013	0.030	0.021	1.285	0.076	0.000021	188	0.00022	0.0312	0.00168
2039	3192	3.73	21.06	0.237	1186	0.734	849	0.000	0.000	0.000013	0.030	0.021	1.272	0.076	0.000020	186	0.00022	0.0309	0.00166
2040	2930	3.26	18.41	0.207	1036	0.727	841	0.000	0.000	0.000013	0.029	0.020	1.260	0.075	0.000020	184	0.00022	0.0306	0.00165
2041	2700	2.85	16.09	0.181	906	0.720	832	0.000	0.000	0.000013	0.029	0.020	1.247	0.074	0.000020	182	0.00022	0.0303	0.00163
2042	2498	2.49	14.06	0.158	792	0.713	824	0.000	0.000	0.000013	0.029	0.020	1.235	0.074	0.000020	181	0.00022	0.0300	0.00161
2043	2320	2.18	12.29	0.139	692	0.706	816	0.000	0.000	0.000013	0.028	0.020	1.223	0.073	0.000020	179	0.00021	0.0297	0.00160
2044	2163	1.90	10.74	0.121	605	0.699	808	0.000	0.000	0.000013	0.028	0.020	1.211	0.072	0.000019	177	0.00021	0.0295	0.00158
2045	2024	1.66	9.39	0.106	529	0.693	800	0.000	0.000	0.000013	0.028	0.019	1.200	0.071	0.000019	175	0.00021	0.0292	0.00157
2046	1902	1.46	8.21	0.093	462	0.686	793	0.000	0.000	0.000012	0.028	0.019	1.188	0.071	0.000019	174	0.00021	0.0289	0.00155
2047	1794	1.27	7.17	0.081	404	0.679	785	0.000	0.000	0.000012	0.027	0.019	1.176	0.070	0.000019	172	0.00021	0.0286	0.00154
2048	1698	1.11	6.27	0.071	353	0.673	777	0.000	0.000	0.000012	0.027	0.019	1.165	0.069	0.000019	170	0.00020	0.0283	0.00152
2049	1613	0.97	5.48	0.062	309	0.666	770	0.000	0.000	0.000012	0.027	0.019	1.153	0.069	0.000019	169	0.00020	0.0281	0.00151
2050	1537	0.85	4.79	0.054	270	0.659	762	0.000	0.000	0.000012	0.027	0.019	1.142	0.068	0.000018	167	0.00020	0.0278	0.00149
2051	1470	0.74	4.19	0.047	236	0.653	755	0.000	0.000	0.000012	0.026	0.018	1.131	0.067	0.000018	165	0.00020	0.0275	0.00148
2052	1410	0.65	3.66	0.041	206	0.647	747	0.000	0.000	0.000012	0.026	0.018	1.120	0.067	0.000018	164	0.00020	0.0272	0.00146
2053	1357	0.57	3.20	0.036	180	0.640	740	0.000	0.000	0.000012	0.026	0.018	1.109	0.066	0.000018	162	0.00019	0.0270	0.00145
2054	1309	0.50	2.80	0.032	157	0.634	733	0.000	0.000	0.000012	0.026	0.018	1.098	0.065	0.000018	161	0.00019	0.0267	0.00144
2055	1265	0.43	2.44	0.028	138	0.628	726	0.000	0.000	0.000011	0.025	0.018	1.088	0.065	0.000017	159	0.00019	0.0265	0.00142
2056	1227	0.38	2.14	0.024	120	0.622	719	0.000	0.000	0.000011	0.025	0.017	1.077	0.064	0.000017	158	0.00019	0.0262	0.00141
2057	1192	0.33	1.87	0.021	105	0.616	712	0.000	0.000	0.000011	0.025	0.017	1.067	0.063	0.000017	156	0.00019	0.0259	0.00139
2058	1160	0.29	1.63	0.018	92	0.610	705	0.000	0.000	0.000011	0.025	0.017	1.056	0.063	0.000017	155	0.00018	0.0257	0.00138
2059	1131	0.25	1.43	0.016	80	0.604	698	0.000	0.000	0.000011	0.024	0.017	1.046	0.062	0.000017	153	0.00018	0.0254	0.00137
2060	1104	0.22	1.25	0.014	70	0.598	691	0.000	0.000	0.000011	0.024	0.017	1.036	0.062	0.000017	152	0.00018	0.0252	0.00135
2061	1080	0.19	1.09	0.012	61	0.592	684	0.000	0.000	0.000011	0.024	0.017	1.026	0.061	0.000016	150	0.00018	0.0249	0.00134
2062	1058	0.17	0.95	0.011	54	0.586	678	0.000	0.000	0.000011	0.024	0.016	1.016	0.060	0.000016	149	0.00018	0.0247	0.00133
2063	1038	0.15	0.83	0.009	47	0.581	671	0.000	0.000	0.000011	0.023	0.016	1.006	0.060	0.000016	147	0.00018	0.0245	0.00131
2064	1019	0.13	0.73	0.008	41	0.575	665	0.000	0.000	0.000010	0.023	0.016	0.996	0.059	0.000016	146	0.00017	0.0242	0.00130
2065	1001	0.11	0.64	0.007	36	0.569	658	0.000	0.000	0.000010	0.023	0.016	0.986	0.059	0.000016	144	0.00017	0.0240	0.00129
2066	984	0.10	0.56	0.006	31	0.564	652	0.000	0.000	0.000010	0.023	0.016	0.977	0.058	0.000016	143	0.00017	0.0238	0.00128
2067	969	0.09	0.49	0.005	27	0.558	645	0.000	0.000	0.000010	0.022	0.016	0.967	0.058	0.000016	141	0.00017	0.0235	0.00126
2068	954	0.08	0.42	0.005	24	0.553	639	0.000	0.000	0.000010	0.022	0.016	0.958	0.057	0.000015	140	0.00017	0.0233	0.00125
2069	941	0.07	0.37	0.004	21	0.548	633	0.000	0.000	0.000010	0.022	0.015	0.948	0.056	0.000015	139	0.00017	0.0231	0.00124
2070	928	0.06	0.32	0.004	18	0.542	627	0.000	0.000	0.000010	0.022	0.015	0.939	0.056	0.000015	137	0.00016	0.0228	0.00123
2071	915	0.05	0.28	0.003	16	0.537	621	0.000	0.000	0.000010	0.022	0.015	0.930	0.055	0.000015	136	0.00016	0.0226	0.00122
2072	904	0.04	0.25	0.003	14	0.532	614	0.000	0.000	0.000010	0.021	0.015	0.921	0.055	0.000015	135	0.00016	0.0224	0.00120
2073	892	0.04	0.22	0.002	12	0.527	608	0.000	0.000	0.000010	0.021	0.015	0.912	0.054	0.000015	133	0.00016	0.0222	0.00119
2074	882	0.03	0.19	0.002	11	0.521	603	0.000	0.000	0.000009	0.021	0.015	0.903	0.054	0.000015	132	0.00016	0.0220	0.00118
2075	871	0.03	0.17	0.002	9.33	0.516	597	0.000	0.000	0.000009	0.021	0.015	0.894	0.053	0.000014	131	0.00016	0.0217	0.00117
2076	861	0.03	0.14	0.002	8.15	0.511	591	0.000	0.000	0.000009	0.021	0.014	0.886	0.053	0.000014	130	0.00016	0.0215	0.00116
2077	851	0.02	0.13	0.001	7.13	0.506	585	0.000	0.000	0.000009	0.020	0.014	0.877	0.052	0.000014	128	0.00015	0.0213	0.00115
2078	842	0.02	0.11	0.001	6.23	0.501	579	0.000	0.000	0.000009	0.020	0.014	0.868	0.052	0.000014	127	0.00015	0.0211	0.00113
2079	833	0.02	0.10	0.001	5.44	0.496	574	0.000	0.000	0.000009	0.020	0.014	0.860	0.051	0.000014	126	0.00015	0.0209	0.00112
2080	824	0.01	0.08	0.001	4.76	0.492	568	0.000	0.000	0.000009	0.020	0.014	0.852	0.051	0.000014	125	0.00015	0.0207	0.00111
2081	815	0.01	0.07	0.001	4.16	0.487	563	0.000	0.000	0.000009	0.020	0.014	0.843	0.050	0.000014	123	0.00015	0.0205	0.00110
2082	807	0.01	0.06	0.001	3.64	0.482	557	0.000	0.000	0.000009	0.019	0.014	0.835	0.050	0.000013	122	0.00015	0.0203	0.00109
2083	798	0.01	0.06	0.001	3.18	0.477	552	0.000	0.000	0.000009	0.019	0.013	0.827	0.049	0.000013	121	0.00014	0.0201	0.00108
2084	790	0.01	0.05	0.001	2.78	0.473	546	0.000	0.000	0.000009	0.019	0.013	0.819	0.049	0.000013	120	0.00014	0.0199	0.00107
2085	782	0.01	0.04	0.000	2.43	0.468	541	0.000	0.000	0.000009	0.019	0.013	0.811	0.048	0.000013	119	0.00014	0.0197	0.00106
2086	774	0.01	0.04	0.000	2.12	0.464	536	0.000	0.000	0.000008	0.019	0.013	0.803	0.048	0.000013	117	0.00014	0.0195	0.00105
2087	767	0.01	0.03	0.000	1.85	0.459	531	0.000	0.000	0.000008	0.018	0.013	0.795	0.047	0.000013	116	0.00014	0.0193	0.00104
2088	759	0.01	0.03	0.000	1.62	0.455	525	0.000	0.000	0.000008	0.018	0.013	0.787	0.047	0.000013	115	0.00014	0.0191	0.00103
2089	752	0.00	0.03	0.000	1.42	0.450	520	0.000	0.000	0.000008	0.018	0.013	0.780	0.046	0.000013	114	0.00014	0.0190	0.00102
2090	744	0.00	0.02	0.000	1.24	0.446	515	0.000	0.000	0.000008	0.018	0.013	0.772	0.046	0.000012	113	0.00014	0.0188	0.00101
2091	737	0.00	0.02	0.000	1.08	0.441	510	0.000	0.000	0.000008	0.018	0.012	0.765	0.045	0.000012	112	0.00013	0.0186	0.00100
2092	730	0.00	0.02	0.000	0.95	0.437	505	0.000	0.000	0.000008	0.018	0.012	0.757	0.045	0.000012	111	0.00013	0.0184	0.00099
2093	723	0.00	0.01	0.000	0.83	0.433	500	0.000	0.000	0.000008	0.017	0.012	0.750	0.045	0.000012	110	0.00013	0.0182	0.00098
2094	716	0.00	0.01	0.000	0.72	0.429	495	0.000	0.000	0.000008	0.017	0.012	0.742	0.044	0.000012	109	0.00013	0.0181	0.00097
2095	709	0.00	0.01	0.000	0.63	0.424	491	0.000	0.000	0.000008	0.017	0.012	0.735	0.044	0.000012	108	0.00013	0.0179	0.00096
2096	702	0.00	0.01	0.000	0.55	0.420	486	0.000	0.000	0.000008	0.017	0.012	0.728	0.043	0.000012	107	0.00013	0.0177	0.00095
2097	696	0.00	0.01	0.000	0.48	0.416	481	0.000	0.000	0.000008	0.017	0.012	0.721	0.043	0.000012	105	0.00013	0.0175	0.00094
2098	689	0.00	0.01	0.000	0.42	0.412	476	0.000	0.000	0.000007	0.017	0.012	0.714	0.042	0.000011	104	0.00013	0.0174	0.00093
2099	683	0.00	0.01	0.000	0.37	0.408	472	0.000	0.000	0.000007	0.016	0.011	0.707	0.042	0.000011	103	0.00012	0.0172	0.00092
2100	676	0.00	0.01	0.000	0	0.404	467	0.000	0.000	0.000007	0.016	0.011	0.700	0.042	0.000011	102	0.00012	0.0170	0.00091

Appendix C.1-7: TSF

Year	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
TSF Runoff																			
2020	0.0187	0.0483	0.000016	82.1	187.0	1.836	0.0117	1144	0.077	0.0168	0.001330	0.00233	0.00869	3.80	0.000123	0.0142	0.0069	0.0094	0.0075
2021	0.0189	0.0485	0.000016	82.1	187.0	1.848	0.0117	1144	0.077	0.0168	0.001320	0.00233	0.00869	3.78	0.000123	0.0142	0.0069	0.0094	0.0075
2022	0.0181	0.0469	0.000016	81.2	187.0	1.800	0.0115	1120	0.078	0.0165	0.001320	0.00230	0.00851	3.78	0.000125	0.0142	0.0070	0.0092	0.0069
2023	0.0181	0.0472	0.000016	81.1	187.0	1.800	0.0116	1112	0.077	0.0165	0.001330	0.00228	0.00856	3.79	0.000124	0.0142	0.0070	0.0092	0.0068
2024	0.0180	0.0472	0.000015	80.6	187.0	1.794	0.0116	1096	0.077	0.0166	0.001330	0.00229	0.00856	3.82	0.000127	0.0144	0.0071	0.0092	0.0065
2025	0.0246	0.0448	0.000016	78.1	187.0	2.948	0.0099	1021	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0050
2026	0.0246	0.0448	0.000016	73.6	187.0	2.948	0.0099	879	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0021
2027	0.0246	0.0448	0.000016	78.7	187.0	2.948	0.0099	1037	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0053
2028	0.0246	0.0448	0.000016	78.9	187.0	2.948	0.0099	1046	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0055
2029	0.0246	0.0448	0.000016	80.1	187.0	2.948	0.0099	1083	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0062
2030	0.0246	0.0448	0.000016	81.6	187.0	2.948	0.0099	1129	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0071
2031	0.0246	0.0448	0.000016	81.2	187.0	2.948	0.0099	1117	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0069
2032	0.0246	0.0448	0.000016	78.8	187.0	2.948	0.0099	1042	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0054
2033	0.0246	0.0448	0.000016	78.5	187.0	2.948	0.0099	1033	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0052
2034	0.0246	0.0448	0.000016	79.6	187.0	2.948	0.0099	1067	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0059
2035	0.0246	0.0448	0.000016	80.9	187.0	2.948	0.0099	1108	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0067
2036	0.0246	0.0448	0.000016	79.3	187.0	2.948	0.0099	1058	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0057
2037	0.0175	0.0365	0.000099	45.0	102.5	0.495	0.0185	1020	0.113	0.0050	0.000127	0.00557	0.00248	2.75	0.000007	0.0111	0.0040	0.0064	0.0000
2038	0.0173	0.0362	0.000098	44.6	101.5	0.490	0.0183	892	0.112	0.0049	0.000126	0.00552	0.00245	2.72	0.000007	0.0110	0.0040	0.0063	0.0000
2039	0.0172	0.0358	0.000097	44.1	100.5	0.486	0.0181	779	0.111	0.0049	0.000125	0.00547	0.00243	2.69	0.000006	0.0109	0.0039	0.0063	0.0000
2040	0.0170	0.0355	0.000096	43.7	99.6	0.481	0.0180	681	0.110	0.0048	0.000124	0.00541	0.00240	2.67	0.000006	0.0108	0.0039	0.0062	0.0000
2041	0.0168	0.0351	0.000095	43.3	98.6	0.476	0.0178	595	0.109	0.0048	0.000122	0.00536	0.00238	2.64	0.000006	0.0107	0.0038	0.0061	0.0000
2042	0.0167	0.0348	0.000094	42.9	97.6	0.471	0.0176	520	0.108	0.0047	0.000121	0.00531	0.00236	2.61	0.000006	0.0106	0.0038	0.0061	0.0000
2043	0.0165	0.0344	0.000093	42.4	96.7	0.467	0.0174	455	0.107	0.0047	0.000120	0.00526	0.00233	2.59	0.000006	0.0105	0.0038	0.0060	0.0000
2044	0.0163	0.0341	0.000092	42.0	95.7	0.462	0.0173	398	0.106	0.0046	0.000119	0.00520	0.00231	2.56	0.000006	0.0104	0.0037	0.0060	0.0000
2045	0.0162	0.0338	0.000092	41.6	94.8	0.458	0.0171	347	0.105	0.0046	0.000118	0.00515	0.00229	2.54	0.000006	0.0103	0.0037	0.0059	0.0000
2046	0.0160	0.0334	0.000091	41.2	93.9	0.453	0.0169	304	0.104	0.0045	0.000116	0.00510	0.00227	2.51	0.000006	0.0102	0.0037	0.0058	0.0000
2047	0.0159	0.0331	0.000090	40.8	93.0	0.449	0.0168	265	0.103	0.0045	0.000115	0.00505	0.00225	2.49	0.000006	0.0101	0.0036	0.0058	0.0000
2048	0.0157	0.0328	0.000089	40.4	92.1	0.445	0.0166	232	0.102	0.0044	0.000114	0.00500	0.00222	2.47	0.000006	0.0100	0.0036	0.0057	0.0000
2049	0.0156	0.0325	0.000088	40.0	91.2	0.440	0.0164	203	0.101	0.0044	0.000113	0.00496	0.00220	2.44	0.000006	0.0099	0.0036	0.0057	0.0000
2050	0.0154	0.0322	0.000087	39.6	90.3	0.436	0.0163	177	0.100	0.0044	0.000112	0.00491	0.00218	2.42	0.000006	0.0098	0.0035	0.0056	0.0000
2051	0.0153	0.0318	0.000086	39.2	89.4	0.432	0.0161	155	0.099	0.0043	0.000111	0.00486	0.00216	2.39	0.000006	0.0097	0.0035	0.0056	0.0000
2052	0.0151	0.0315	0.000086	38.9	88.5	0.428	0.0160	135	0.098	0.0043	0.000110	0.00481	0.00214	2.37	0.000006	0.0096	0.0034	0.0055	0.0000
2053	0.0150	0.0312	0.000085	38.5	87.7	0.423	0.0158	118	0.097	0.0042	0.000109	0.00477	0.00212	2.35	0.000006	0.0095	0.0034	0.0055	0.0000
2054	0.0148	0.0309	0.000084	38.1	86.8	0.419	0.0157	103	0.096	0.0042	0.000108	0.00472	0.00210	2.32	0.000006	0.0094	0.0034	0.0054	0.0000
2055	0.0147	0.0306	0.000083	37.7	86.0	0.415	0.0155	90	0.095	0.0042	0.000107	0.00467	0.00208	2.30	0.000006	0.0093	0.0033	0.0053	0.0000
2056	0.0145	0.0303	0.000082	37.4	85.1	0.411	0.0154	79	0.094	0.0041	0.000106	0.00463	0.00206	2.28	0.000005	0.0092	0.0033	0.0053	0.0000
2057	0.0144	0.0300	0.000081	37.0	84.3	0.407	0.0152	69	0.093	0.0041	0.000105	0.00458	0.00204	2.26	0.000005	0.0091	0.0033	0.0052	0.0000
2058	0.0142	0.0297	0.000081	36.6	83.5	0.403	0.0151	60	0.092	0.0040	0.000104	0.00454	0.00202	2.24	0.000005	0.0090	0.0033	0.0052	0.0000
2059	0.0141	0.0294	0.000080	36.3	82.7	0.399	0.0149	53	0.091	0.0040	0.000103	0.00449	0.00200	2.21	0.000005	0.0089	0.0032	0.0051	0.0000
2060	0.0140	0.0292	0.000079	35.9	81.9	0.395	0.0148	46	0.090	0.0040	0.000102	0.00445	0.00198	2.19	0.000005	0.0089	0.0032	0.0051	0.0000
2061	0.0138	0.0289	0.000078	35.6	81.1	0.391	0.0146	40	0.090	0.0039	0.000101	0.00441	0.00196	2.17	0.000005	0.0088	0.0032	0.0050	0.0000
2062	0.0137	0.0286	0.000078	35.2	80.3	0.388	0.0145	35	0.089	0.0039	0.000100	0.00436	0.00194	2.15	0.000005	0.0087	0.0031	0.0050	0.0000
2063	0.0136	0.0283	0.000077	34.9	79.5	0.384	0.0143	31	0.088	0.0038	0.000099	0.00432	0.00192	2.13	0.000005	0.0086	0.0031	0.0049	0.0000
2064	0.0134	0.0280	0.000076	34.5	78.7	0.380	0.0142	27	0.087	0.0038	0.000098	0.00428	0.00190	2.11	0.000005	0.0085	0.0031	0.0049	0.0000
2065	0.0133	0.0278	0.000075	34.2	77.9	0.376	0.0141	24	0.086	0.0038	0.000097	0.00424	0.00188	2.09	0.000005	0.0084	0.0030	0.0049	0.0000
2066	0.0132	0.0275	0.000075	33.9	77.2	0.373	0.0139	21	0.085	0.0037	0.000096	0.00420	0.00186	2.07	0.000005	0.0084	0.0030	0.0048	0.0000
2067	0.0130	0.0272	0.000074	33.5	76.4	0.369	0.0138	18	0.084	0.0037	0.000095	0.00416	0.00185	2.05	0.000005	0.0083	0.0030	0.0048	0.0000
2068	0.0129	0.0270	0.000073	33.2	75.7	0.366	0.0136	16	0.084	0.0037	0.000094	0.00411	0.00183	2.03	0.000005	0.0082	0.0029	0.0047	0.0000
2069	0.0128	0.0267	0.000072	32.9	75.0	0.362	0.0135	14	0.083	0.0036	0.000093	0.00407	0.00181	2.01	0.000005	0.0081	0.0029	0.0047	0.0000
2070	0.0127	0.0264	0.000072	32.6	74.2	0.358	0.0134	12	0.082	0.0036	0.000092	0.00404	0.00179	1.99	0.000005	0.0080	0.0029	0.0046	0.0000
2071	0.0125	0.0262	0.000071	32.3	73.5	0.355	0.0133	10	0.081	0.0035	0.000091	0.00400	0.00178	1.97	0.000005	0.0080	0.0029	0.0046	0.0000
2072	0.0124	0.0259	0.000070	31.9	72.8	0.351	0.0131	9.18	0.080	0.0035	0.000090	0.00396	0.00176	1.95	0.000005	0.0079	0.0028	0.0045	0.0000
2073	0.0123	0.0257	0.000070	31.6	72.1	0.348	0.0130	8.02	0.080	0.0035	0.000089	0.00392	0.00174	1.93	0.000005	0.0078	0.0028	0.0045	0.0000
2074	0.0122	0.0254	0.000069	31.3	71.4	0.345	0.0129	7.01	0.079	0.0034	0.000089	0.00388	0.00172	1.91	0.000005	0.0077	0.0028	0.0044	0.0000
2075	0.0121	0.0252	0.000068	31.0	70.7	0.341	0.0127	6.13	0.078	0.0034	0.000088	0.00384	0.00171	1.89	0.000005	0.0077	0.0028	0.0044	0.0000
2076	0.0119	0.0249	0.000068	30.7	70.0	0.338	0.0126	5.36	0.077	0.0034	0.000087	0.00380	0.00169	1.87	0.000005	0.0076	0.0027	0.0044	0.0000
2077	0.0118	0.0247	0.000067	30.4	69.3	0.335	0.0125	4.68	0.077	0.0033	0.000086	0.00377	0.00167	1.86	0.000004	0.0075	0.0027	0.0043	0.0000
2078	0.0117	0.0244	0.000066	30.1	68.6	0.331	0.0124	4.09	0.076	0.0033	0.000085	0.00373	0.00166	1.84	0.000004	0.0074	0.0027	0.0043	0.0000
2079	0.0116	0.0242	0.000066	29.8	68.0	0.328	0.0123	3.58	0.075	0.0033	0.000084	0.00369	0.00164	1.82	0.000004	0.0074	0.0026	0.0042	0.0000
2080	0.0115	0.0240	0.000065	29.5	67.3	0.325	0.0121	3.13	0.074	0.0033	0.000084	0.00366	0.00163	1.80	0.000004	0.0073	0.0026	0.0042	0.0000
2081	0.0114	0.0237	0.000064	29.3	66.6	0.322	0.0120	2.73	0.074	0.0032	0.000083	0.00362	0.00161	1.78	0.000004	0.0072	0.0026	0.0041	0.0000
2082	0.0113	0.0235	0.000064	29.0	66.0	0.319	0.0119	2.39	0.073	0.0032	0.000082	0.00359	0.00159	1.77	0.000004	0.0071	0.0026	0.0041	0.0000
2083	0.0112	0.0233	0.000063	28.7	65.4	0.316	0.0118	2.09	0.072	0.0032	0.000081	0.00355	0.00158	1.75	0.000004	0.0071	0.0025	0.0041	0.0000
2084	0.0110	0.0231	0.000063	28.4	64.7	0.313	0.0117	1.83	0.072	0.0031	0.000080	0.00352	0.00156	1.73	0.000004	0.0070	0.0025	0.0040	0.0000
2085	0.0109	0.0228	0.000062	28.1	64.1	0.309	0.0116	1.60	0.071	0.0031	0.000080	0.00348	0.00155	1.72	0.000004	0.0069	0.0025	0.0040	0.0000
2086	0.0108	0.0226	0.000061	27.9	63.5	0.306	0.0114	1.39	0.070	0.0031	0.000079	0.00345	0.00153	1.70	0.000004	0.0069	0.0025	0.0039	0.0000
2087	0.0107	0.0224	0.000061	27.6	62.8	0.303	0.0113	1.22	0.069	0.0030	0.000078	0.00342	0.00152	1.68	0.000004	0.0068	0.0024	0.0039	0.0000
2088	0.0106	0.0222	0.000060	27.3	62.2	0.301	0.0112	1.07	0.069	0.0030	0.000077	0.00338	0.00150	1.67	0.000004	0.0067	0.0024	0.0039	0.0000
2089	0.0105	0.0219	0.000060	27.0	61.6	0.298	0.0111	0.93	0.068	0.0030	0.000076	0.00335	0.00149	1.65	0.000004	0.0067	0.0024	0.0038	0.0000
2090	0.0104	0.0217	0.000059	26.8	61.0	0.295	0.0110	0.81	0.067	0.0029	0.000076	0.00332	0.00147	1.63	0.000004	0.0066	0.0024	0.0038	0.0000
2091	0.0103	0.0215	0.000058	26.5	60.4	0.292	0.0109	0.71	0.067	0.0029	0.000075	0.00329	0.00146	1.62	0.000004	0.0065	0.0024	0.0038	0.0000
2092	0.0102	0.0213	0.000058	26.3	59.8	0.289	0.0108	0.62	0.066	0.0029	0.000074	0.00325	0.00145	1.60	0.000004	0.0065	0.0023	0.0037	0.0000
2093	0.0101	0.0211	0.000057	26.0	59.3	0.286	0.0107	0.54	0.065	0.0029	0.000074	0.00322	0.00143	1.59	0.000004	0.0064	0.0023	0.0037	0.0000
2094	0.0100	0.0209	0.000057	25.8	58.7	0.283	0.0106	0.48	0.065	0.0028	0.000073	0.00319	0.00142	1.57	0.000004	0.0064	0.0023	0.0037	0.0000
2095	0.0099	0.0207	0.000056	25.5	58.1	0.281	0.0105	0.42	0.064	0.0028	0.000072	0.00316	0.00140	1.56	0.000004	0.0063	0.0023	0.0036	0.0000
2096	0.0098	0.0205	0.000056	25.3	57.5	0.278	0.0104	0.36	0.064	0.0028	0.000071	0.00313	0.00139	1.54	0.000004	0.0062	0.0022	0.0036	0.0000
2097	0.0097	0.0203	0.000055	25.0	57.0	0.275	0.0103	0.32	0.063	0.0028	0.000071	0.00310	0.00138	1.53	0.000004	0.0062	0.0022	0.0035	0.0000
2098	0.0096	0.0201	0.000055	24.8	56.4	0.273	0.0102	0.28	0.062	0.0027	0.000070	0.00307	0.00136	1.51	0.000004	0.0061	0.0022	0.0035	0.0000
2099	0.0095	0.0199	0.000054	24.5	55.9	0.270	0.0101	0.24	0.062	0.0027	0.000069	0.00304	0.00135	1.50	0.000004	0.0060	0.0022	0.0035	0.0000
2100	0.0094	0.0197	0.000053	24.3	55.3	0.267	0.0100	0	0.061	0.0027	0.000069	0.00301	0.00134	1.48	0.000004	0.0060	0.0022	0.0034	0.0000

Appendix C.1-7: TSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TSF Infiltration																			
2020	20000	94.00	182.60	0.239	8080	0.104	2376	0.120	0.010	0.000124	0.037	0.444	1.460	0.279	0.000267	1140	0.00046	0.0435	0.00253
2021	20000	94.00	182.60	0.239	8080	0.104	2376	0.120	0.010	0.000123	0.037	0.443	1.460	0.280	0.000267	1140	0.00046	0.0436	0.00254
2022	19300	94.00	182.60	0.239	7656	0.104	2365	0.120	0.010	0.000121		0.440	1.460	0.286	0.000270	1120	0.00045	0.0433	0.00259
2023	19200	94.00	182.60	0.239	7576	0.104	2365	0.120	0.010	0.000122	0.037	0.440	1.460	0.283	0.000266	1120	0.00045	0.0431	0.00255
2024	18800	94.00	182.60	0.239	7352	0.104	2354	0.120	0.010	0.000123	0.038	0.444	1.460	0.292	0.000271	1110	0.00045	0.0430	0.00258
2025	14726	94.04	182.93	0.239	6279	0.104	2330	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1063	0.00047	0.0738	0.00547
2026	12031	94.04	182.93	0.239	4270	0.104	2279	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	978	0.00047	0.0738	0.00547
2027	15043	94.04	182.93	0.239	6515	0.104	2336	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1073	0.00047	0.0738	0.00547
2028	15201	94.04	182.93	0.239	6633	0.104	2339	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1078	0.00047	0.0738	0.00547
2029	15915	94.04	182.93	0.239	7165	0.104	2352	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1100	0.00047	0.0738	0.00547
2030	16787	94.04	182.93	0.239	7815	0.104	2368	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1128	0.00047	0.0738	0.00547
2031	16549	94.04	182.93	0.239	7638	0.104	2364	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1120	0.00047	0.0738	0.00547
2032	15122	94.04	182.93	0.239	6574	0.104	2337	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1075	0.00047	0.0738	0.00547
2033	14964	94.04	182.93	0.239	6456	0.104	2334	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1070	0.00047	0.0738	0.00547
2034	15598	94.04	182.93	0.239	6929	0.104	2346	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1090	0.00047	0.0738	0.00547
2035	16390	94.04	182.93	0.239	7520	0.104	2361	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1115	0.00047	0.0738	0.00547
2036	15439	94.04	182.93	0.239	6811	0.104	2343	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1085	0.00047	0.0738	0.00547
2037	5365	25.08	48.78	0.200	1816	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2038	3081	6.69	13.01	0.200	484	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2039	2508	1.78	3.47	0.200	129	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2040	2390	0.48	0.93	0.200	34	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2041	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2042	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2043	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2044	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2045	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2046	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2047	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2048	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2049	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2050	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2051	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2052	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2053	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2054	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2055	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2056	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2057	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2058	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2059	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2060	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2061	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2062	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2063	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2064	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2065	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2066	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2067	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2068	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2069	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2070	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2071	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2072	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2073	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2074	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2075	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2076	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2077	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2078	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2079	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2080	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2081	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2082	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2083	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2084	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2085	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2086	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2087	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2088	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2089	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2090	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2091	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2092	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2093	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2094	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2095	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2096	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2097	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2098	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100
2099	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100

Appendix C.1-7: TSF

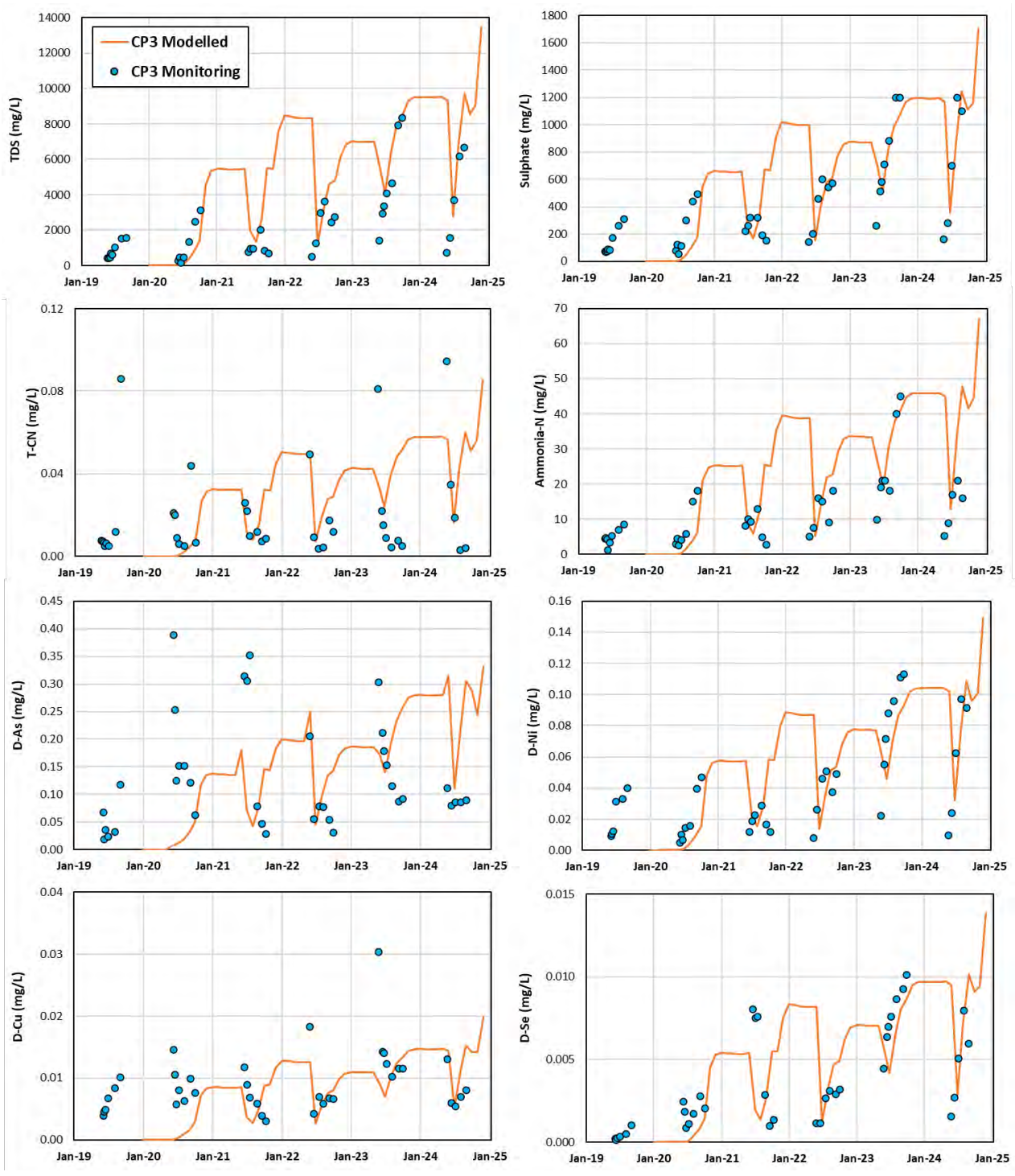
Year	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
TSF Infiltration																			
2020	0.0278	0.0873	0.000016	314.0	712.0	3.168	0.0280	4304	0.230	0.0139	0.001330	0.00539	0.01947	5.15	0.000193	0.0702	0.0069	0.0159	0.0075
2021	0.0280	0.0876	0.000016	314.0	712.0	3.186	0.0280	4304	0.230	0.0139	0.001320	0.00539	0.01949	5.13	0.000193	0.0702	0.0069	0.0159	0.0075
2022	0.0270	0.0848	0.000016	311.0	712.0	3.102	0.0276	4200	0.234	0.0137	0.001320	0.00534	0.01909	5.13	0.000196	0.0702	0.0070	0.0155	0.0069
2023	0.0270	0.0852	0.000016	310.0	712.0	3.108	0.0278	4176	0.230	0.0138	0.001330	0.00528	0.01914	5.13	0.000195	0.0699	0.0070	0.0156	0.0068
2024	0.0268	0.0853	0.000015	308.0	712.0	3.096	0.0278	4120	0.230	0.0138	0.001330	0.00528	0.01914	5.18	0.000199	0.0711	0.0071	0.0156	0.0065
2025	0.0366	0.0810	0.000016	299.1	712.0	5.081	0.0238	3834	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0050
2026	0.0366	0.0810	0.000016	281.7	712.0	5.081	0.0238	3300	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0021
2027	0.0366	0.0810	0.000016	301.1	712.0	5.081	0.0238	3897	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0053
2028	0.0366	0.0810	0.000016	302.1	712.0	5.081	0.0238	3928	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0055
2029	0.0366	0.0810	0.000016	306.7	712.0	5.081	0.0238	4069	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0062
2030	0.0366	0.0810	0.000016	312.3	712.0	5.081	0.0238	4242	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0071
2031	0.0366	0.0810	0.000016	310.8	712.0	5.081	0.0238	4195	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0069
2032	0.0366	0.0810	0.000016	301.6	712.0	5.081	0.0238	3912	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0054
2033	0.0366	0.0810	0.000016	300.6	712.0	5.081	0.0238	3881	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0052
2034	0.0366	0.0810	0.000016	304.7	712.0	5.081	0.0238	4007	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0059
2035	0.0366	0.0810	0.000016	309.8	712.0	5.081	0.0238	4163	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0067
2036	0.0366	0.0810	0.000016	303.7	712.0	5.081	0.0238	3975	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0057
2037	0.0014	0.0640	0.000016	65.7	189.9	0.716	0.0238	1060	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2038	0.0014	0.0640	0.000016	65.7	50.6	0.716	0.0238	283	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2039	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	75	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2040	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2041	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2042	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2043	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2044	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2045	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2046	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2047	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2048	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2049	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2050	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2051	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2052	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2053	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2054	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2055	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2056	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2057	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2058	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2059	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2060	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2061	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2062	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2063	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2064	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2065	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2066	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2067	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2068	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2069	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2070	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2071	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2072	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2073	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2074	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2075	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2076	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2077	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2078	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2079	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2080	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2081	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2082	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2083	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2084	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2085	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2086	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2087	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2088	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2089	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2090	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2091	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2092	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2093	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2094	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2095	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2096	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2097	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2098	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2099	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057

Appendix C.1-8: Underground Mine

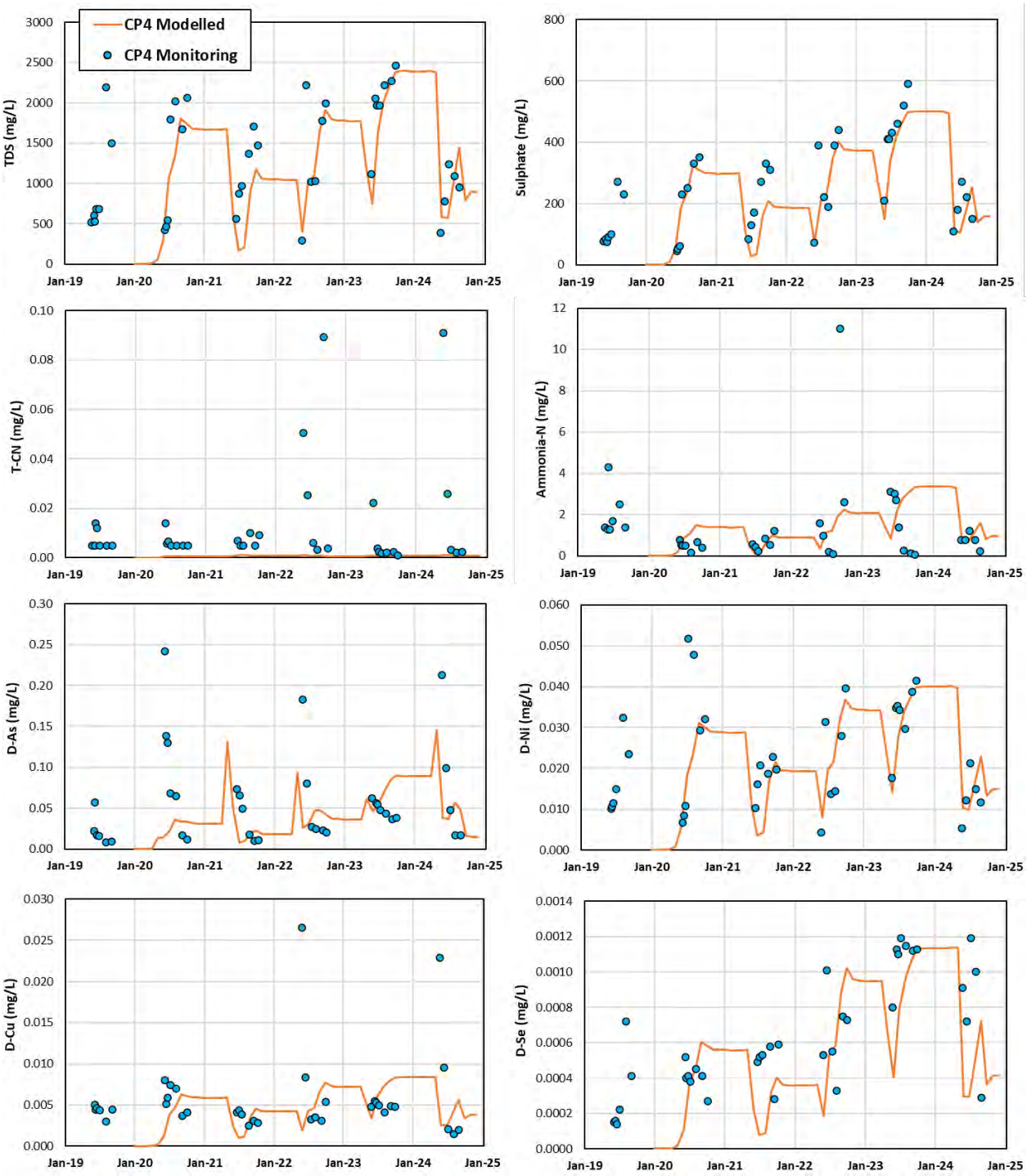
Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Tiriganiaq																																						
2020	59500	171.9	186	8.08	34800	0.01	3042	0.258	0.0145	0.00050	0.020	0.310	1.27	0.312	0.000070	1710	0.00050	0.000060	0.010	0.0030	0.070	0.000010	493	130	0.295	0.127	15900	0.050	0.030	0.00020	0.025	0.0119	43.9	0.000050	0.00016	0.0133	0.040	0.304
2021	53550	172.2	190	7.79	34800	0.01	3042	0.269	0.0139	0.00050	0.020	0.298	1.27	0.312	0.000070	1710	0.00050	0.000060	0.010	0.0030	0.070	0.000010	493	130	0.295	0.125	15900	0.050	0.030	0.00020	0.025	0.0113	43.9	0.000050	0.00016	0.0133	0.040	0.304
2022	47600	172.0	188	2.60	34800	0.01	3042	0.265	0.0131	0.00050	0.020	0.246	1.27	0.312	0.000070	1710	0.00050	0.000060	0.010	0.0030	0.070	0.000010	493	130	0.295	0.122	15900	0.050	0.030	0.00020	0.025	0.0070	43.9	0.000050	0.00016	0.0133	0.040	0.304
2023	47600	170.0	187	2.35	34800	0.01	3042	0.258	0.0137	0.00050	0.020	0.231	1.27	0.312	0.000070	1710	0.00050	0.000060	0.010	0.0030	0.070	0.000010	493	130	0.295	0.116	15900	0.050	0.030	0.00020	0.025	0.0067	43.9	0.000050	0.00016	0.0133	0.040	0.304
2024	47600	150.3	152	2.23	34800	0.01	3042	0.257	0.0288	0.00050	0.020	0.232	1.27	0.312	0.000070	1710	0.00050	0.000060	0.010	0.0030	0.070	0.000010	493	130	0.295	0.119	15900	0.050	0.030	0.00020	0.025	0.0049	43.9	0.000050	0.00016	0.0133	0.040	0.304
2025	49050	64.0	68.8	1.78	33358	0.01	2916	0.138	0.0093	0.00050	0.020	0.135	1.10	0.299	0.000070	1639	0.00050	0.000060	0.010	0.0030	0.070	0.000010	473	125	0.283	0.067	15241	0.050	0.030	0.00020	0.025	0.0040	42.1	0.000050	0.00016	0.0133	0.040	0.313
2026	50500	48.2	51.8	1.34	34344	0.01	3002	0.062	0.0042	0.00050	0.020	0.072	1.13	0.308	0.000070	1688	0.00050	0.000060	0.010	0.0030	0.070	0.000010	487	128	0.291	0.042	15692	0.050	0.030	0.00020	0.025	0.0026	43.3	0.000050	0.00016	0.0133	0.040	0.323
2027	50500	42.9	46.1	1.19	34344	0.01	3002	0.055	0.0037	0.00050	0.020	0.068	1.13	0.308	0.000070	1688	0.00050	0.000060	0.010	0.0030	0.070	0.000010	487	128	0.291	0.041	15692	0.050	0.030	0.00020	0.025	0.0026	43.3	0.000050	0.00016	0.0133	0.040	0.323
2028	54000	50.6	54.4	1.41	36725	0.01	3210	0.063	0.0042	0.00050	0.020	0.081	1.21	0.329	0.000070	1805	0.00050	0.000060	0.010	0.0030	0.070	0.000010	520	137	0.311	0.050	16779	0.050	0.030	0.00020	0.025	0.0032	46.3	0.000050	0.00016	0.0133	0.040	0.345
2029	55000	51.4	55.2	1.43	37405	0.01	3270	0.073	0.0049	0.00050	0.020	0.095	1.23	0.335	0.000070	1838	0.00050	0.000060	0.010	0.0030	0.070	0.000010	530	140	0.317	0.059	17090	0.050	0.030	0.00020	0.025	0.0037	47.2	0.000050	0.00016	0.0133	0.040	0.351
2030	55000	50.5	54.3	1.40	37405	0.01	3270	0.070	0.0047	0.00050	0.020	0.097	1.23	0.335	0.000070	1838	0.00050	0.000060	0.010	0.0030	0.070	0.000010	530	140	0.317	0.063	17090	0.050	0.030	0.00020	0.025	0.0040	47.2	0.000050	0.00016	0.0133	0.040	0.351
2031	55000	47.5	51.0	1.32	37405	0.01	3270	0.067	0.0045	0.00050	0.020	0.098	1.23	0.335	0.000070	1838	0.00050	0.000060	0.010	0.0030	0.070	0.000010	530	140	0.317	0.065	17090	0.050	0.030	0.00020	0.025	0.0041	47.2	0.000050	0.00016	0.0133	0.040	0.351
2032	55000	45.6	49.0	1.27	37405	0.01	3270	0.073	0.0049	0.00050	0.020	0.106	1.23	0.335	0.000070	1838	0.00050	0.000060	0.010	0.0030	0.070	0.000010	530	140	0.317	0.071	17090	0.050	0.030	0.00020	0.025	0.0045	47.2	0.000050	0.00016	0.0133	0.040	0.351
2033	55000	46.3	49.8	1.29	37405	0.01	3270	0.069	0.0047	0.00050	0.020	0.108	1.23	0.335	0.000070	1838	0.00050	0.000060	0.010	0.0030	0.070	0.000010	530	140	0.317	0.075	17090	0.050	0.030	0.00020	0.025	0.0048	47.2	0.000050	0.00016	0.0133	0.040	0.351
2034	55000	42.3	45.4	1.18	37405	0.01	3270	0.071	0.0048	0.00050	0.020	0.114	1.23	0.335	0.000070	1838	0.00050	0.000060	0.010	0.0030	0.070	0.000010	530	140	0.317	0.080	17090	0.050	0.030	0.00020	0.025	0.0051	47.2	0.000050	0.00016	0.0133	0.040	0.351
2035	55000	40.4	43.4	1.12	37405	0.01	3270	0.071	0.0048	0.00050	0.020	0.118	1.23	0.335	0.000070	1838	0.00050	0.000060	0.010	0.0030	0.070	0.000010	530	140	0.317	0.084	17090	0.050	0.030	0.00020	0.025	0.0054	47.2	0.000050	0.00016	0.0133	0.040	0.351
2036	55000	34.4	36.9	0.96	37405	0.01	3270	0.071	0.0048	0.00050	0.020	0.122	1.23	0.335	0.000070	1838	0.00050	0.000060	0.010	0.0030	0.070	0.000010	530	140	0.317	0.088	17090	0.050	0.030	0.00020	0.025	0.0056	47.2	0.000050	0.00016	0.0133	0.040	0.351
Pump																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	57500	93.6	101	1.35	39105	0.01	3418	0.0050	0.0050	0.00050	0.020	0.015	1.29	0.351	0.000070	1922	0.00050	0.000060	0.010	0.0030	0.070	0.000010	554	146	0.331	0.137	17867	0.050	0.030	0.00020	0.025	0.0010	49.3	0.000050	0.00016	0.0133	0.040	0.367
2028	51500	118.7	128	3.55	35024	0.01	3062	0.0050	0.0050	0.00050	0.020	0.022	1.16	0.314	0.000070	1721	0.00050	0.000060	0.010	0.0030	0.070	0.000010	496	131	0.297	0.123	16003	0.050	0.030	0.00020	0.025	0.0015	44.2	0.000050	0.00016	0.0133	0.040	0.329
2029	49000	147.4	158	3.95	33324	0.01	2913	0.0050	0.0050	0.00050	0.020	0.036	1.10	0.299	0.000070	1637	0.00050	0.000060	0.010	0.0030	0.070	0.000010	472	124	0.282	0.117	15226	0.050	0.030	0.00020	0.025	0.0025	42.0	0.000050	0.00016	0.0133	0.040	0.313
2030	44000	108.6	117	3.45	29924	0.01	2616	0.0050	0.0050	0.00050	0.020	0.042	0.99	0.268	0.000070	1470	0.00050	0.000060	0.010	0.0030	0.070	0.000010	424	112	0.253	0.105	13672	0.050	0.030	0.00020	0.025	0.0029	37.7	0.000050	0.00016	0.0133	0.040	0.281
2031	44500	67.5	72.5	2.62	30264	0.01	2645	0.0050	0.0050	0.00050	0.020	0.049	1.00	0.271	0.000070	1487	0.00050	0.000060	0.010	0.0030	0.070	0.000010	429	113	0.256	0.106	13827	0.050	0.030	0.00020	0.025	0.0034	38.2	0.000050	0.00016	0.0133	0.040	0.284
2032	44500	67.5	72.5	2.62	30264	0.01	2645	0.0050	0.0050	0.00050	0.020	0.049	1.00	0.271	0.000070	1487	0.00050	0.000060	0.010	0.0030	0.070	0.000010	429	113	0.256	0.106	13827	0.050	0.030	0.00020	0.025	0.0034	38.2	0.000050	0.00016	0.0133	0.040	0.284
2033	44500	67.5	72.5	2.62	30264	0.01	2645	0.0050	0.0050	0.00050	0.020	0.049	1.00	0.271	0.000070	1487	0.00050	0.000060	0.010	0.0030	0.070	0.000010	429	113	0.256	0.106	13827	0.050	0.030	0.00020	0.025	0.0034	38.2	0.000050	0.00016	0.0133	0.040	0.284
2034	44500	67.5	72.5	2.62	30264	0.01	2645	0.0050	0.0050	0.00050	0.020	0.049	1.00	0.271	0.000070	1487	0.00050	0.000060	0.010	0.0030	0.070	0.000010	429	113	0.256	0.106	13827	0.050	0.030	0.00020	0.025	0.0034	38.2	0.000050	0.00016	0.0133	0.040	0.284
2035	44500	67.5	72.5	2.62	30264	0.01	2645	0.0050	0.0050	0.00050	0.020	0.049	1.00	0.271	0.000070	1487	0.00050	0.000060	0.010	0.0030	0.070	0.000010	429	113	0.256	0.106	13827	0.050	0.030	0.00020	0.025	0.0034	38.2	0.000050	0.00016	0.0133	0.040	0.284
2036	44500	67.5	72.5	2.62	30264	0.01	2645	0.0050	0.0050	0.00050	0.020	0.049	1.00	0.271	0.000070	1487	0.00050	0.000060	0.010	0.0030	0.070	0.000010	429	113	0.256	0.106	13827	0.050	0.030	0.00020	0.025	0.0034	38.2	0.000050	0.00016	0.0133	0.040	0.284

C.2: Validation Results for CP3, CP4, CP6 and Tiriganiaq Underground

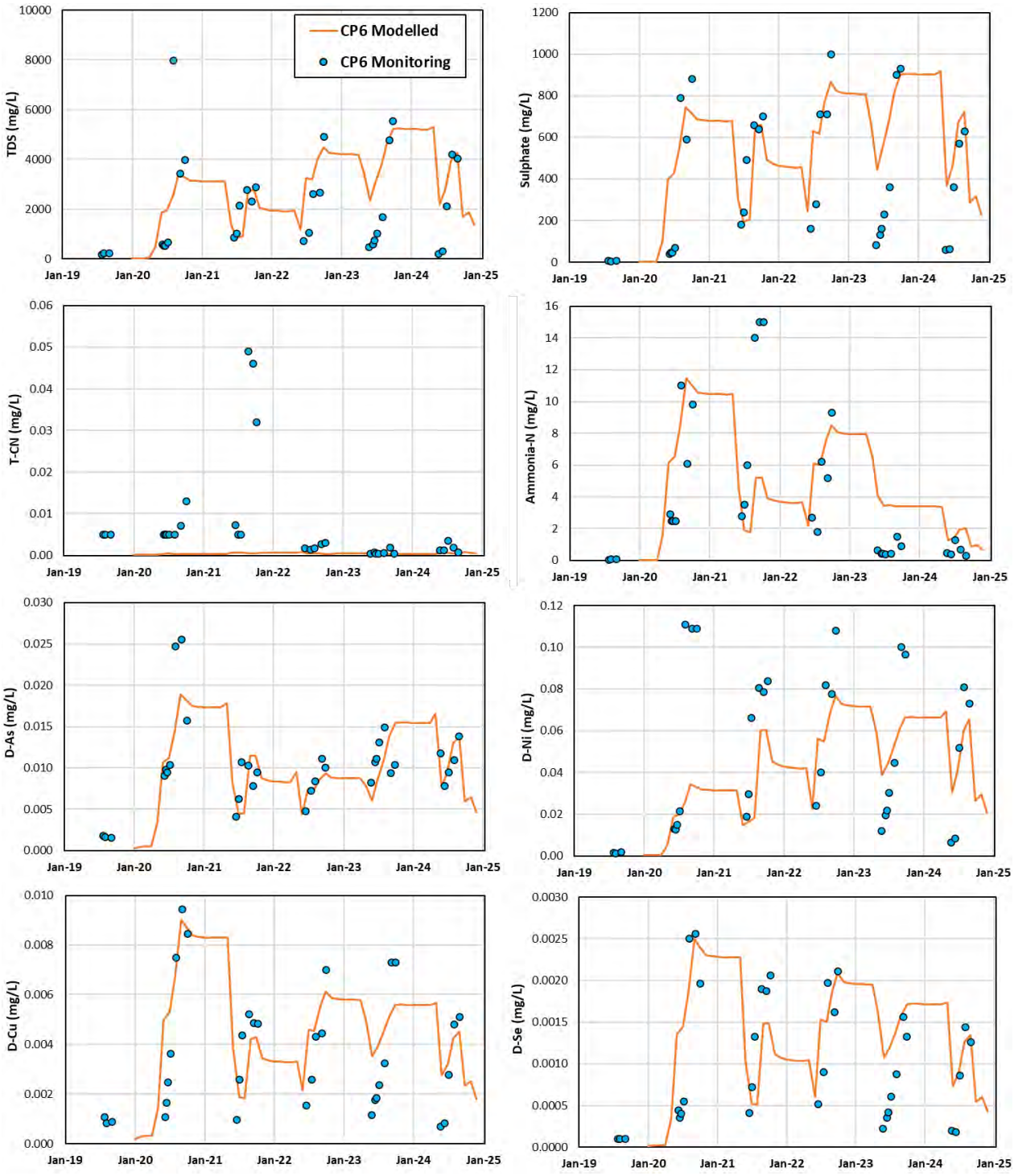
Validation Results for CP3



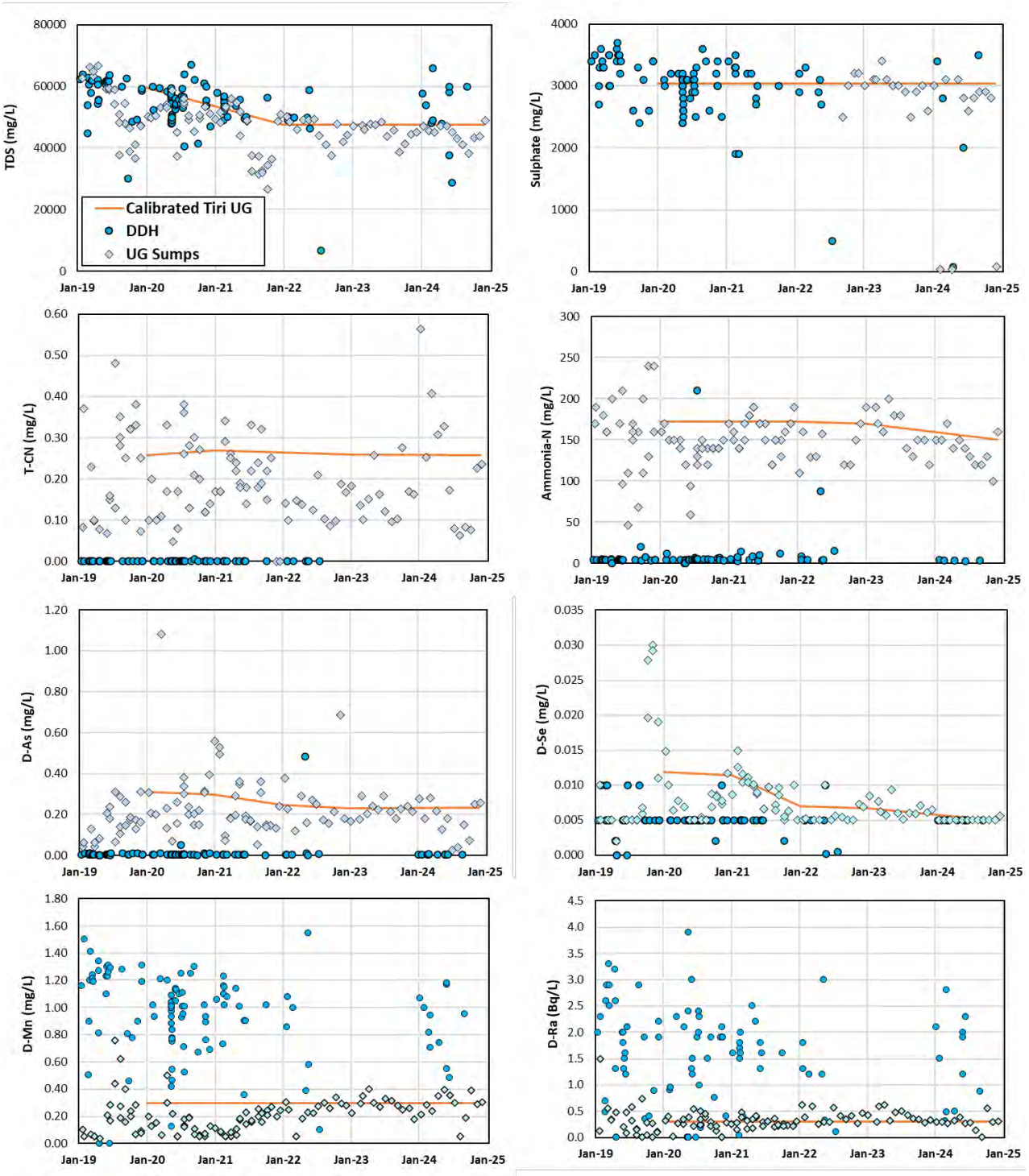
Validation Results for CP4



Validation Results for CP6



Validation Results for Tiriganiaq Underground



Appendix D: Water Quality Model Results

APPENDIX D.1: END OF PIPE

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

APPENDIX D.3: CONJOINED PIT LAKES

AGNICO EAGLE

D.1: End of Pipe

Appendix D.1-1: EWTP-Dissolved

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operations (2026-2036): Min	51.1	0.0693	0.257	0.005	20.7	0.00626	8.13	5.85E-05	0.0000395	0.000000377	0.000341	0.000569	0.00799	0.00126	0.000000947	2.43	0.00000233	0.000141	0.0000152	0.0000935	0.00137	0.000000605	0.539	0.923	0.0119	0.00012	13.1	0.000643	0.00282	0.00000453	0.0000305	0.0000168	0.0535	0.00000266	0.0000954	0.0000475	0.000124	0.0000437
Operations (2026-2036): Mean	650	0.663	2.55	0.0392	261	0.0627	96.5	0.000608	0.000401	0.000004	0.00415	0.00635	0.09	0.0157	0.0000254	25.1	0.0000223	0.00148	0.000186	0.00103	0.0192	0.00000817	4.44	11.2	0.078	0.0015	160	0.00767	0.0572	0.0000739	0.000405	0.000209	0.388	0.0000166	0.000932	0.000832	0.00114	0.000264
Operations (2026-2036): Max	2110	3.26	12.2	0.132	882	0.18	254	0.00317	0.00128	0.0000177	0.0118	0.0229	0.291	0.0646	0.000172	69.4	0.0000592	0.00547	0.000634	0.00285	0.0492	0.0000202	18	34	0.284	0.00544	520	0.026	0.473	0.000287	0.00125	0.000813	1.31	0.0000653	0.00372	0.00429	0.003	0.00118
NWB Water License/MDMER	***3500***	***14***	-	-	-	-	-	***0.5***	-	-	***2***	***0.3***	-	-	-	-	-	-	-	***0.2***	-	-	-	-	-	-	-	***0.5***	***2***	***0.1***	-	-	-	-	-	***0.4***	***0.37***
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																																					
Model Predictions (2026-2036)																																					
2026 Jan																																					
2026 Feb																																					
2026 Mar																																					
2026 Apr																																					
2026 May																																					
2026 Jun																																					
2026 Jul	331	0.578	2.46	0.0284	149	0.0346	42.8	0.000522	0.00021	0.00000266	0.00187	0.00445	0.0485	0.00951	0.0000186	12.1	0.0000113	0.000923	0.0000976	0.000486	0.00729	0.00000329	3.36	5.64	0.0594	0.000837	88.7	0.00417	0.111	0.0000276	0.000192	0.00013	0.291	0.0000145	0.000652	0.000513	0.000588	0.000257
2026 Aug	1350	2.35	9.73	0.111	610	0.14	174	0.00214	0.000894	0.0000107	0.00775	0.0174	0.195	0.0379	0.0000692	50.5	0.0000447	0.00383	0.000397	0.00199	0.0311	0.0000141	13.6	23.4	0.23	0.00339	368	0.0168	0.432	0.000108	0.000769	0.000533	1.13	0.0000542	0.00264	0.00196	0.00239	0.000973
2026 Sep	2110	3.26	12.2	0.132	882	0.18	254	0.00317	0.00128	0.0000177	0.0118	0.0229	0.291	0.0646	0.000172	69.4	0.0000592	0.00547	0.000634	0.00285	0.0425	0.0000202	18	34	0.284	0.00544	520	0.026	0.473	0.000146	0.00125	0.000813	1.31	0.0000653	0.00372	0.00429	0.003	0.00118
2026 Oct	600	0.922	3.27	0.0358	261	0.0487	74.7	0.000821	0.000284	0.00000414	0.00287	0.00573	0.081	0.0158	0.0000389	19.9	0.0000162	0.00169	0.000163	0.000753	0.00932	0.00000542	5.06	10.2	0.0761	0.00146	159	0.00738	0.109	0.0000344	0.000344	0.000233	0.345	0.0000156	0.00112	0.00101	0.000742	0.00028
2026 Nov																																					
2026 Dec																																					
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2027 May																																					
2027 Jun	297	0.513	2.33	0.0296	135	0.0341	39.7	0.000446	0.0002	0.00000229	0.00174	0.00391	0.0434	0.00784	0.0000114	11.5	0.0000113	0.000834	0.0000828	0.000427	0.00681	0.00000299	2.99	5.22	0.0601	0.000677	86.5	0.00353	0.108	0.0000252	0.000162	0.000107	0.303	0.0000154	0.000569	0.000362	0.000619	0.00026
2027 Jul																																					
2027 Aug	443	0.532	2.31	0.0291	188	0.0414	55.8	0.000639	0.00043	0.00000397	0.0037	0.00516	0.0563	0.0129	0.0000262	16.4	0.0000164	0.000917	0.000131	0.000657	0.0168	0.00000594	3.19	6.97	0.0563	0.00099	117	0.00459	0.105	0.0000481	0.000272	0.000136	0.282	0.0000141	0.000603	0.000764	0.00104	0.000227
2027 Sep	1360	1.18	4.43	0.0581	560	0.0928	174	0.00114	0.000725	0.00000857	0.00775	0.01	0.158	0.0313	0.0000865	41.9	0.0000365	0.00238	0.000333	0.00174	0.0292	0.000014	6.7	20.1	0.102	0.00291	335	0.0137	0.104	0.0000849	0.000789	0.000378	0.474	0.0000214	0.0015	0.00229	0.00185	0.000298
2027 Oct	279	0.331	1.05	0.0112	118	0.017	37.9	0.00032	0.000124	0.00000167	0.00135	0.00207	0.0315	0.00616	0.0000183	9.53	0.00000687	0.000501	0.0000685	0.000364	0.00456	0.00000236	1.51	4.89	0.0239	0.000598	72.2	0.00294	0.0186	0.0000136	0.00015	0.0000917	0.0886	0.00000427	0.000321	0.000474	0.000314	0.0000624
2027 Nov																																					
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2028 May																																					
2028 Jun	62	0.109	0.322	0.00524	27.8	0.00626	8.99	0.000105	0.0000395	0.000000377	0.000341	0.00109	0.00799	0.00126	0.000000994	2.59	0.00000233	0.000151	0.0000152	0.0000959	0.00137	0.000000605	0.574	1.21	0.0119	0.00012	17.4	0.000744	0.00282	0.00000453	0.0000305	0.0000241	0.0535	0.00000266	0.000106	0.0000475	0.000124	0.0000437
2028 Jul																																					
2028 Aug	386	0.56	1.82	0.0324	163	0.0447	55.5	0.000658	0.000407	0.000003	0.00329	0.00751	0.0513	0.00944	0.00000532	16.6	0.0000169	0.000852	0.000108	0.000738	0.0169	0.00000583	3.34	6.78	0.0681	0.000777	98.6	0.0045	0.0246	0.0000486	0.000223	0.000135	0.328	0.0000159	0.000569	0.000315	0.00105	0.000242
2028 Sep	339	0.436	1.51	0.028	141	0.0419	49.6	0.000595	0.000444	0.00000299	0.00366	0.00939	0.0464	0.00981	0.00000436	15.7	0.000017	0.000757	0.000114	0.00073	0.0208	0.00000627	2.86	5.89	0.0589	0.000702	84.6	0.00398	0.0256	0.0000678	0.00022	0.000116	0.286	0.0000133	0.000476	0.000323	0.0011	0.000195
2028 Oct	474	0.461	1.75	0.0345	207	0.0538	68.4	0.000417	0.000378	0.00000277	0.00371	0.00828	0.0659	0.0112	0.00000365	19.7	0.000019	0.00129	0.000133	0.00079	0.0197	0.00000724	3.57	7.86	0.0623	0.00102	131	0.00525	0.0237	0.0000701	0.000287	0.00014	0.341	0.0000133	0.000754	0.000325	0.00103	0.000195
2028 Nov																																					
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2029 Aug	566	0.577	2.18	0.0452	212	0.0688	79.5	0.00079	0.000732	0.0000048	0.00627	0.00714	0.0762	0.0145	0.00000571	23.3	0.0000284	0.0012	0.000161	0.00111	0.0314	0.0000107	4.31	8.39	0.0827	0.0012	128	0.00607	0.0418	0.0000799	0.000381	0.000161	0.457	0.0000209	0.000712	0.000487	0.00187	0.000301
2029 Sep	428	0.382	1.4	0.0259	149	0.0437	62.2	0.000539	0.000479	0.00000301	0.00427	0.0044	0.0525	0.00901	0.00000351	16.6	0.0000193	0.000804	0.000112	0.000817	0.0207	0.00000764	2.69	6.42	0.0474	0.000865	87.1	0.00463	0.0257	0.0000503	0.000283	0.000124	0.247	0.00001	0.000464	0.000343	0.00124	0.000135
2029 Oct																																					
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2030 Aug	680	0.699	2.59	0.0541	260	0.0772	94	0.00069	0.00059	0.00000485	0.00548	0.0102	0.0934	0.0162	0.0000168	25	0.0000279	0.00142	0.000171	0.00112	0.0247	0.00000969	5.21	9.83	0.0982	0.00149	154	0.00722	0.0363	0.0000625	0.000411	0.000187	0.559	0.0000264	0.000908	0.000665	0.00163	0.000444
2030 Sep	533	0.546	1.99	0.0379	197	0.0567	75.5	0.000555	0.000444	0.00000353	0.00422	0.00759	0.0714	0.0117	0.0000116	19.6	0.0000213	0.0011	0.000133	0.000921	0.0188	0.00000768	3.82	7.98	0.0693	0.00116	116	0.00586	0.0261	0.0000468	0.000328	0.000154	0.379	0.0000171	0.00067	0.000499	0.00123	0.000284
2030 Oct	163	0.17	0.589	0.0106	61.7	0.0165	22.5	0.000172	0.000129	0.0000011	0.00126	0.00271	0.0222	0.00386	0.00000504	5.92	0.0000062	0.000368	0.0000419	0.000269	0.00557	0.00000229	1.21	2.47	0.0197	0.000374	35.9	0.00183	0.00725	0.0000149	0.000103	0.0000499	0.108	0.00000462	0.000226	0.000181	0.000345	0.0000843
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2031 Aug																																					
2031 Sep	384	0.316	1.19	0.0223	155	0.0356	57.9	0.000223	0.000176	0.00000175	0.00198	0.0039	0.0502	0.00884	0.00000855	15.2	0.0000122	0.000887	0.000116	0.000562	0.0126	0.00000445	2.51	6.51	0.0459	0.0008	94.8	0.00418	0.0115	0.0000775	0.000221	0.000112	0.232	0.00000882	0.000537	0.000371	0.000571	0.000162
2031 Oct	651	0.576	2.13	0.0379	273	0.0631	102	0.000294	0.000192	0.00000226	0.00282	0.00499	0.0923	0.0116	0.00000829	24.8	0.0000199	0.00188	0.000148	0.000855	0.0117	0.0000073	4.68	11.7	0.0703	0.00145	171	0.0077	0.0139	0.0000553	0.000382	0.000202	0.388	0.000013	0.00114	0.000418	0.000787	0.000221
2031 Nov																																					
2031 Dec																																					
2032 Jan																																					
2032 Feb																																					

Appendix D.1-1: EWTP-Dissolved

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2032 Mar																																					
2032 Apr																																					
2032 May																																					
2032 Jun	446	0.44	1.68	0.0359	196	0.0513	70	0.000312	0.000242	0.00000256	0.00259	0.00469	0.0658	0.0101	0.0000122	18	0.0000163	0.00112	0.000109	0.000624	0.0106	0.00000522	3.46	7.91	0.0674	0.001	125	0.00497	0.0172	0.0000343	0.000258	0.000127	0.38	0.0000176	0.000732	0.000423	0.000803	0.0003
2032 Jul																																					
2032 Aug	878	0.739	2.91	0.0531	351	0.0884	128	0.000722	0.00062	0.0000054	0.00642	0.00701	0.123	0.0195	0.0000287	32.5	0.0000327	0.00195	0.000224	0.00143	0.0271	0.0000125	5.57	14.2	0.0948	0.00196	215	0.0102	0.0337	0.0000728	0.000576	0.000256	0.517	0.0000212	0.00118	0.00101	0.00177	0.000361
2032 Sep	812	0.631	2.62	0.0408	333	0.0727	123	0.000584	0.000495	0.00000457	0.00554	0.00559	0.11	0.0169	0.0000325	29.8	0.0000276	0.0017	0.000206	0.00138	0.022	0.0000111	4.15	13.7	0.0676	0.00183	207	0.00938	0.024	0.0000559	0.000538	0.000236	0.343	0.0000128	0.000927	0.00105	0.00141	0.000193
2032 Oct																																					
2032 Nov																																					
2032 Dec																																					
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2033 Feb																																					
2033 Mar																																					
2033 Apr																																					
2033 May																																					
2033 Jun																																					
2033 Jul																																					
2033 Aug	512	0.432	1.68	0.0316	203	0.051	74.7	0.000415	0.000361	0.00000351	0.00364	0.00505	0.0732	0.0173	0.0000255	22	0.0000188	0.0011	0.000219	0.000909	0.0263	0.00000698	3.37	8.63	0.0712	0.00121	124	0.00602	0.0209	0.00017	0.000347	0.00016	0.331	0.0000141	0.000669	0.000886	0.000987	0.000244
2033 Sep	1500	0.996	4.02	0.0682	600	0.119	226	0.000826	0.000734	0.00000917	0.00864	0.00977	0.199	0.0431	0.000104	56.4	0.0000437	0.00268	0.000506	0.00226	0.0487	0.0000168	7.02	25.1	0.137	0.00359	370	0.0161	0.0352	0.000287	0.000971	0.000417	0.628	0.000028	0.0016	0.00289	0.00202	0.000398
2033 Oct	548	0.536	2	0.037	223	0.0566	86.5	0.000331	0.000226	0.00000303	0.00286	0.00374	0.0832	0.0137	0.0000243	21.5	0.000018	0.00141	0.000157	0.000827	0.0125	0.00000611	3.96	9.78	0.0713	0.00139	139	0.00662	0.0148	0.0000622	0.000347	0.000173	0.378	0.0000166	0.000869	0.000726	0.000769	0.00026
2033 Nov																																					
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2034 Jun																																					
2034 Jul																																					
2034 Aug	559	0.492	1.88	0.0338	218	0.0589	85.3	0.000484	0.000401	0.00000353	0.00409	0.00536	0.0808	0.018	0.0000199	25.7	0.0000209	0.00124	0.000242	0.00108	0.03	0.00000811	3.69	10.1	0.0783	0.00131	135	0.00695	0.0243	0.000184	0.000369	0.000184	0.351	0.000014	0.000753	0.000809	0.00106	0.000206
2034 Sep	1470	1.01	4.13	0.0684	579	0.132	238	0.000799	0.000711	0.00000808	0.00881	0.00944	0.208	0.0397	0.0000777	60.4	0.0000459	0.00309	0.0005	0.00245	0.0492	0.0000184	7.54	26.9	0.139	0.00361	361	0.0175	0.0376	0.000269	0.000975	0.000445	0.644	0.0000245	0.00181	0.00236	0.00202	0.000296
2034 Oct	482	0.465	1.71	0.0305	185	0.0527	79.1	0.000295	0.000195	0.00000233	0.00262	0.00332	0.0758	0.011	0.0000132	19.9	0.0000165	0.00139	0.000134	0.000772	0.0111	0.00000599	3.69	9.08	0.0609	0.00123	114	0.00635	0.0134	0.0000464	0.000312	0.000165	0.325	0.0000124	0.000858	0.000477	0.000673	0.000182
2034 Nov																																					
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2035 Jun	51.1	0.0693	0.257	0.00585	20.7	0.00768	8.13	5.85E-05	0.0000449	0.000000412	0.000405	0.000569	0.00869	0.00157	0.000000947	2.43	0.0000025	0.000141	0.0000178	0.0000935	0.00221	0.000000734	0.539	0.923	0.012	0.000127	13.1	0.000643	0.00335	0.0000103	0.0000328	0.0000168	0.0654	0.00000325	0.0000954	0.0000499	0.00014	0.0000515
2035 Jul																																					
2035 Aug	379	0.319	1.25	0.0241	138	0.0421	58.6	0.000372	0.000333	0.0000025	0.00323	0.004	0.054	0.0103	0.00000797	16.8	0.0000162	0.000776	0.0000138	0.000743	0.0192	0.00000615	2.48	6.62	0.0521	0.00083	85.2	0.00467	0.0196	0.0000887	0.000257	0.000119	0.251	0.0000104	0.00048	0.00043	0.000915	0.000147
2035 Sep	1400	1	4.06	0.0678	530	0.143	250	0.000715	0.000618	0.00000578	0.00828	0.00851	0.212	0.0268	0.0000275	60.3	0.0000488	0.00345	0.000387	0.00244	0.0359	0.0000196	8.29	28.1	0.135	0.00337	333	0.0187	0.0363	0.000133	0.000959	0.000462	0.684	0.0000207	0.00205	0.00127	0.00214	0.000276
2035 Oct	366	0.343	1.26	0.0179	144	0.0385	67.7	0.000236	0.000131	0.0000013	0.00202	0.00235	0.059	0.00624	0.00000463	16.6	0.0000128	0.00104	0.000097	0.000674	0.00737	0.00000509	2.47	8.09	0.0368	0.000925	91.5	0.00539	0.00788	0.0000214	0.000255	0.000138	0.178	0.00000466	0.000612	0.000273	0.000504	0.0000648
2035 Nov																																					
2035 Dec																																					
2036 Jan																																					
2036 Feb																																					
2036 Mar																																					
2036 Apr																																					
2036 May																																					
2036 Jun	93.8	0.0899	0.334	0.00676	35.9	0.0115	17.1	6.98E-05	0.0000527	0.000000478	0.000598	0.00106	0.0152	0.00191	0.00000101	4.32	0.00000385	0.000251	0.0000249	0.000157	0.00248	0.00000132	0.752	1.95	0.014	0.000228	22.8	0.00126	0.00366	0.00000784	0.000063	0.0000319	0.0756	0.00000312	0.000165	0.000068	0.000187	0.0000484
2036 Jul																																					
2036 Aug	640	0.568	2.14	0.0394	232	0.0713	109	0.000521	0.000402	0.0000032	0.00438	0.00682	0.0957	0.0117	0.00000594	27.5	0.0000255	0.00144	0.000168	0.00116	0.0188	0.00000942	4.35	12.3	0.0806	0.00143	145	0.00841	0.0247	0.0000536	0.000427	0.00021	0.415	0.0000162	0.000914	0.000467	0.00131	0.000241
2036 Sep	1340	0.881	3.46	0.0589	487	0.118	238	0.000681	0.000551	0.00000444	0.00693	0.00924	0.171	0.0169	0.0000108	54.3	0.0000436	0.00218	0.000295	0.00216	0.0277	0.0000166	6.2	26	0.116	0.00264	305	0.0156	0.0326	0.000075	0.000799	0.000384	0.564	0.0000188	0.00138	0.000849	0.00208	0.000262
2036 Oct	466	0.35	1.29	0.0221	163	0.0471	86.6	0.00023	0.000158	0.00000155	0.00233	0.00335	0.0698	0.00706	0.0000034	19.9	0.000016	0.00121	0.000106	0.000726	0.00832	0.00000605	3.08	9.69	0.0469	0.00109	102	0.0062	0.0104	0.000024	0.000307	0.000158	0.249	0.00000754	0.000762	0.000277	0.000666	0.000109
2036 Nov																																					
2036 Dec																																					

Appendix D.1-2: EWTP-Total

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operations (2026-2036): Min	51.1	0.0693	0.257	0.00524	20.7	0.00626	8.13	0.0000585	0.0000395	0.00000123	0.942	0.00155	0.00799	0.00518	0.00000938	3.12	0.00000531	0.000587	0.0021	0.00115	1.11	0.00000198	0.685	1.26	0.0246	0.00013	13.3	0.00172	0.00282	0.000112	0.000042	0.0000276	0.0562	0.00000547	0.000105	0.00198	0.00139	0.0000438
Operations (2026-2036): Mean	650	0.663	2.55	0.0392	261	0.0627	96.5	0.000608	0.000401	0.00000485	0.945	0.00734	0.09	0.0196	0.0000339	25.8	0.0000253	0.00193	0.00227	0.00209	1.13	0.00000955	4.58	11.6	0.0907	0.00151	160	0.00874	0.0572	0.000182	0.000417	0.000219	0.391	0.0000194	0.000942	0.00277	0.00241	0.000264
Operations (2026-2036): Max	2110	3.26	12.2	0.132	882	0.18	254	0.00317	0.00128	0.0000185	0.953	0.0238	0.291	0.0685	0.000181	70.1	0.0000622	0.00591	0.00272	0.00391	1.16	0.0000216	18.2	34.3	0.297	0.00545	520	0.027	0.473	0.000394	0.00126	0.000823	1.32	0.0000681	0.00373	0.00622	0.00427	0.00118
NWB Water License/MDMER	***3500***	***14***	-	-	-	-	-	***0.5***	-	-	***2***	***0.3***	-	-	-	-	-	-	-	***0.2***	-	-	-	-	-	-	-	***0.5***	***2***	***0.1***	-	-	-	-	-	-	***0.4***	***0.37***
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																																					
Model Predictions (2026-2036)																																					
2026 Jan																																					
2026 Feb																																					
2026 Mar																																					
2026 Apr																																					
2026 May																																					
2026 Jun																																					
2026 Jul	331	0.578	2.46	0.0284	149	0.0346	42.8	0.000522	0.00021	0.00000351	0.943	0.00544	0.0485	0.0134	0.000027	12.8	0.0000143	0.00137	0.00218	0.00154	1.12	0.00000467	3.51	5.98	0.0722	0.000848	88.9	0.00524	0.111	0.000135	0.000203	0.000141	0.294	0.0000173	0.000662	0.00245	0.00186	0.000257
2026 Aug	1350	2.35	9.73	0.111	610	0.14	174	0.00214	0.000894	0.0000115	0.949	0.0184	0.195	0.0418	0.0000777	51.1	0.0000477	0.00428	0.00248	0.00305	1.14	0.0000155	13.7	23.7	0.243	0.0034	368	0.0179	0.432	0.000216	0.00078	0.000544	1.13	0.000057	0.00265	0.0039	0.00366	0.000973
2026 Sep	2110	3.26	12.2	0.132	882	0.18	254	0.00317	0.00128	0.0000185	0.953	0.0238	0.291	0.0685	0.000181	70.1	0.0000622	0.00591	0.00272	0.00391	1.15	0.0000216	18.2	34.3	0.297	0.00545	520	0.027	0.473	0.000254	0.00126	0.000823	1.32	0.0000681	0.00373	0.00622	0.00427	0.00118
2026 Oct	600	0.922	3.27	0.0358	261	0.0487	74.7	0.000821	0.000284	0.00000499	0.944	0.00672	0.081	0.0197	0.0000473	20.6	0.0000192	0.00214	0.00225	0.00181	1.12	0.00000679	5.21	10.6	0.0888	0.00147	159	0.00846	0.109	0.000142	0.000356	0.000244	0.348	0.0000184	0.00113	0.00294	0.00201	0.00028
2026 Nov																																					
2026 Dec																																					
2027 Jan																																					
2027 Feb																																					
2027 Mar																																					
2027 Apr																																					
2027 May																																					
2027 Jun	297	0.513	2.33	0.0296	135	0.0341	39.7	0.000446	0.0002	0.00000314	0.943	0.0049	0.0434	0.0118	0.0000198	12.2	0.0000143	0.00128	0.00217	0.00148	1.12	0.00000436	3.13	5.56	0.0728	0.000688	86.7	0.00461	0.108	0.000133	0.000173	0.000118	0.306	0.0000182	0.000579	0.0023	0.00189	0.00026
2027 Jul																																					
2027 Aug	443	0.532	2.31	0.0291	188	0.0414	55.8	0.000639	0.00043	0.00000482	0.945	0.00614	0.0563	0.0169	0.0000346	17.1	0.0000194	0.00136	0.00222	0.00171	1.13	0.00000731	3.33	7.3	0.069	0.001	117	0.00567	0.105	0.000156	0.000283	0.000146	0.285	0.000017	0.000613	0.0027	0.00231	0.000227
2027 Sep	1360	1.18	4.43	0.0581	560	0.0928	174	0.00114	0.000725	0.00000942	0.949	0.011	0.158	0.0352	0.000095	42.6	0.0000395	0.00283	0.00242	0.0028	1.14	0.0000154	6.85	20.4	0.115	0.00292	335	0.0148	0.104	0.000193	0.0008	0.000389	0.477	0.0000242	0.00151	0.00422	0.00312	0.000298
2027 Oct	279	0.331	1.05	0.0112	118	0.017	37.9	0.00032	0.000124	0.00000252	0.943	0.00306	0.0315	0.0101	0.0000267	10.2	0.00000986	0.000947	0.00215	0.00142	1.12	0.00000374	1.66	5.22	0.0366	0.000609	72.4	0.00402	0.0186	0.000121	0.000161	0.000103	0.0914	0.00000709	0.000331	0.00241	0.00158	0.0000625
2027 Nov																																					
2027 Dec																																					
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2028 May																																					
2028 Jun	62	0.109	0.322	0.00524	27.8	0.00626	8.99	0.000105	0.0000395	0.00000123	0.942	0.00207	0.00799	0.00518	0.00000942	3.29	0.00000531	0.000598	0.0021	0.00115	1.11	0.00000198	0.72	1.55	0.0246	0.00013	17.6	0.00182	0.00282	0.000112	0.000042	0.000035	0.0562	0.00000547	0.000116	0.00198	0.00139	0.0000438
2028 Jul																																					
2028 Aug	386	0.56	1.82	0.0324	163	0.0447	55.5	0.000658	0.000407	0.00000385	0.944	0.0085	0.0513	0.0134	0.0000137	17.2	0.0000199	0.0013	0.00219	0.00179	1.13	0.00000721	3.49	7.11	0.0808	0.000787	98.8	0.00557	0.0246	0.000157	0.000234	0.000146	0.331	0.0000187	0.000579	0.00225	0.00232	0.000242
2028 Sep	339	0.436	1.51	0.028	141	0.0419	49.6	0.000595	0.000444	0.00000385	0.945	0.0104	0.0464	0.0137	0.0000128	16.4	0.00002	0.0012	0.0022	0.00179	1.13	0.00000764	3.01	6.22	0.0716	0.000713	84.8	0.00505	0.0256	0.000176	0.000232	0.000127	0.289	0.0000161	0.000486	0.00226	0.00237	0.000195
2028 Oct	474	0.461	1.75	0.0345	207	0.0538	68.4	0.000417	0.000378	0.00000363	0.945	0.00927	0.0659	0.0152	0.0000121	20.4	0.000022	0.00174	0.00222	0.00185	1.13	0.00000861	3.72	8.2	0.075	0.00103	131	0.00632	0.0237	0.000178	0.000298	0.00015	0.344	0.0000162	0.000764	0.00226	0.0023	0.000196
2028 Nov																																					
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2029 Jun																																					
2029 Jul																																					
2029 Aug	566	0.577	2.18	0.0452	212	0.0688	79.5	0.00079	0.000732	0.00000565	0.947	0.00812	0.0762	0.0184	0.0000141	24	0.0000313	0.00165	0.00225	0.00217	1.14	0.0000121	4.46	8.73	0.0954	0.00121	128	0.00714	0.0418	0.000188	0.000392	0.000172	0.459	0.0000237	0.000722	0.00242	0.00314	0.000301
2029 Sep	428	0.382	1.4	0.0259	149	0.0437	62.2	0.000539	0.000479	0.00000387	0.945	0.00538	0.0525	0.0129	0.0000119	17.3	0.0000222	0.00125	0.0022	0.00187	1.13	0.00000902	2.83	6.75	0.0601	0.000876	87.3	0.00571	0.0257	0.000158	0.000295	0.000135	0.25	0.0000128	0.000474	0.00228	0.00251	0.000135
2029 Oct																																					
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2030 Jul																																					
2030 Aug	680	0.699	2.59	0.0541	260	0.0772	94	0.00069	0.00059	0.00000571	0.947	0.0112	0.0934	0.0201	0.0000252	25.7	0.0000309	0.00187	0.00226	0.00218	1.14	0.0000111	5.35	10.2	0.111	0.0015	154	0.00829	0.0363	0.00017	0.000422	0.000198	0.562	0.0000293	0.000918	0.0026	0.0029	0.000445
2030 Sep	533	0.546	1.99	0.0379	197	0.0567	75.5	0.000555	0.000444	0.00000439	0.945	0.00858	0.0714	0.0156	0.00002	20.3	0.0000243	0.00154	0.00222	0.00198	1.13	0.00000905	3.96	8.31	0.082	0.00117	116	0.00693	0.0261	0.000155	0.000339	0.000165	0.382	0.0000199	0.00068	0.00244	0.0025	0.000284
2030 Oct	163	0.17	0.589	0.0106	61.7	0.0165	22.5	0.000172	0.000129	0.00000195	0.942	0.0037	0.0222	0.00778	0.0000135	6.61	0.00000918	0.000815	0.00213	0.00133	1.12	0.00000367	1.35	2.81	0.0324	0.000385	36.1	0.00291	0.00725	0.000123	0.000114	0.0000608	0.111	0.00000744	0.000236	0.00212	0.00162	0.0000845
2030 Nov																																					
2030 Dec																																					
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2031 Apr																																					
2031 May																																					
2031 Jun																																					
2031 Jul																																					
2031 Aug																																					
2031 Sep	384	0.316	1.19	0.0223	155	0.0356	57.9	0.000223	0.000176	0.0000026	0.943	0.00488	0.0502	0.0128	0.000017	15.9	0.0000152	0.00133	0.0022	0.00162	1.12	0.00000582	2.66	6.84	0.0586	0.000811	95	0.00525	0.0115	0.000185	0.000233	0.000123	0.235	0.0000116	0.000547	0.00231	0.00184	0.000162
2031 Oct	651	0.576	2.13	0.0379	273	0.0631	102	0.000294	0.000192	0.00000312	0.944	0.00597	0.0923	0.0156	0.0000167	25.5	0.0000229	0.00232	0.00223	0.00191	1.12	0.00000867	4.83	12	0.083	0.00146	171	0.00878	0.0139	0.000163	0.000394	0.000213	0.391	0.0000158	0.00115	0.00235	0.00206	0.000221
2031 Nov																																					
2031 Dec																																					
2032 Jan																																					
2032 Feb																																					

Appendix D.1-2: EWTP-Total

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2032 Mar																																					
2032 Apr																																					
2032 May																																					
2032 Jun	446	0.44	1.68	0.0359	196	0.0513	70	0.000312	0.000242	0.00000342	0.944	0.00568	0.0658	0.0141	0.0000207	18.7	0.0000193	0.00157	0.0022	0.00168	1.12	0.00000659	3.6	8.25	0.0801	0.00101	125	0.00605	0.0172	0.000142	0.000269	0.000137	0.383	0.0000204	0.000742	0.00236	0.00207	0.0003
2032 Jul																																					
2032 Aug	878	0.739	2.91	0.0531	351	0.0884	128	0.000722	0.00062	0.00000626	0.948	0.00799	0.123	0.0234	0.0000371	33.2	0.0000357	0.00239	0.00231	0.00248	1.14	0.0000139	5.72	14.5	0.108	0.00197	215	0.0113	0.0337	0.000181	0.000587	0.000267	0.519	0.0000241	0.00119	0.00295	0.00304	0.000361
2032 Sep	812	0.631	2.62	0.0408	333	0.0727	123	0.000584	0.000495	0.00000543	0.947	0.00658	0.11	0.0208	0.0000409	30.5	0.0000306	0.00215	0.00229	0.00243	1.13	0.0000125	4.3	14.1	0.0803	0.00184	207	0.0105	0.024	0.000164	0.000549	0.000246	0.346	0.0000156	0.000937	0.00298	0.00268	0.000193
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2033 Aug	512	0.432	1.68	0.0316	203	0.051	74.7	0.000415	0.000361	0.00000437	0.945	0.00604	0.0732	0.0212	0.0000339	22.7	0.0000218	0.00155	0.00231	0.00196	1.14	0.00000836	3.52	8.96	0.0839	0.00122	124	0.00709	0.0209	0.000278	0.000359	0.00017	0.334	0.000017	0.000679	0.00282	0.00226	0.000244
2033 Sep	1500	0.996	4.02	0.0682	600	0.119	226	0.000826	0.000734	0.00001	0.95	0.0108	0.199	0.047	0.000113	57	0.0000467	0.00312	0.00259	0.00332	1.16	0.0000182	7.16	25.4	0.149	0.0036	370	0.0172	0.0352	0.000394	0.000983	0.000427	0.63	0.0000308	0.00161	0.00483	0.00329	0.000398
2033 Oct	548	0.536	2	0.037	223	0.0566	86.5	0.000331	0.000226	0.00000389	0.944	0.00473	0.0832	0.0176	0.0000327	22.2	0.0000209	0.00186	0.00224	0.00188	1.12	0.00000748	4.11	10.1	0.084	0.0014	139	0.0077	0.0148	0.00017	0.000359	0.000184	0.381	0.0000194	0.000879	0.00266	0.00204	0.00026
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2034 Aug	559	0.492	1.88	0.0338	218	0.0589	85.3	0.000484	0.000401	0.00000439	0.945	0.00634	0.0808	0.022	0.0000283	26.4	0.0000238	0.00169	0.00233	0.00213	1.14	0.00000948	3.83	10.4	0.091	0.00133	135	0.00802	0.0243	0.000292	0.000381	0.000195	0.354	0.0000168	0.000762	0.00275	0.00233	0.000206
2034 Sep	1470	1.01	4.13	0.0684	579	0.132	238	0.000799	0.000711	0.00000893	0.95	0.0104	0.208	0.0436	0.0000862	61.1	0.0000489	0.00354	0.00259	0.00351	1.16	0.0000198	7.68	27.2	0.152	0.00362	362	0.0185	0.0376	0.000377	0.000987	0.000456	0.647	0.0000273	0.00182	0.0043	0.00329	0.000296
2034 Oct	482	0.465	1.71	0.0305	185	0.0527	79.1	0.000295	0.000195	0.00000319	0.944	0.00431	0.0758	0.0149	0.0000216	20.6	0.0000195	0.00183	0.00222	0.00183	1.12	0.00000737	3.83	9.41	0.0736	0.00124	114	0.00742	0.0134	0.000154	0.000324	0.000175	0.327	0.0000152	0.000868	0.00241	0.00194	0.000182
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2035 Jun	51.1	0.0693	0.257	0.00585	20.7	0.00768	8.13	0.0000585	0.0000449	0.00000127	0.942	0.00155	0.00869	0.00549	0.00000938	3.12	0.00000548	0.000587	0.0021	0.00115	1.11	0.00000211	0.685	1.26	0.0247	0.000138	13.3	0.00172	0.00335	0.000118	0.0000442	0.0000276	0.0682	0.00000607	0.000105	0.00199	0.00141	0.0000516
2035 Jul																																					
2035 Aug	379	0.319	1.25	0.0241	138	0.0421	58.6	0.000372	0.000333	0.00000336	0.944	0.00498	0.054	0.0142	0.0000164	17.5	0.0000191	0.00122	0.00222	0.0018	1.13	0.00000753	2.62	6.95	0.0648	0.000841	85.4	0.00574	0.0196	0.000197	0.000268	0.00013	0.254	0.0000132	0.00049	0.00237	0.00219	0.000147
2035 Sep	1400	1	4.06	0.0678	530	0.143	250	0.000715	0.000618	0.00000663	0.949	0.0095	0.212	0.0307	0.0000359	61	0.0000518	0.0039	0.00247	0.00349	1.15	0.000021	8.43	28.5	0.148	0.00338	333	0.0197	0.0363	0.000241	0.00097	0.000472	0.687	0.0000235	0.00206	0.00321	0.00341	0.000276
2035 Oct	366	0.343	1.26	0.0179	144	0.0385	67.7	0.000236	0.000131	0.00000215	0.943	0.00333	0.059	0.0102	0.0000131	17.2	0.0000158	0.00149	0.00218	0.00173	1.12	0.00000646	2.61	8.42	0.0495	0.000936	91.7	0.00646	0.00788	0.000129	0.000266	0.000149	0.18	0.00000748	0.000621	0.00221	0.00177	0.0000649
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2036 Jun	93.8	0.0899	0.334	0.00676	35.9	0.0115	17.1	0.0000698	0.0000527	0.00000133	0.942	0.00205	0.0152	0.00583	0.00000944	5.02	0.00000683	0.000697	0.00211	0.00121	1.11	0.0000027	0.897	2.28	0.0267	0.000239	23	0.00233	0.00366	0.000116	0.0000745	0.0000427	0.0784	0.00000594	0.000175	0.002	0.00146	0.0000485
2036 Jul																																					
2036 Aug	640	0.568	2.14	0.0394	232	0.0713	109	0.000521	0.000402	0.00000406	0.946	0.0078	0.0957	0.0157	0.0000144	28.2	0.0000285	0.00188	0.00225	0.00222	1.13	0.0000108	4.49	12.7	0.0933	0.00144	145	0.00949	0.0247	0.000162	0.000438	0.000221	0.418	0.000019	0.000924	0.0024	0.00259	0.000241
2036 Sep	1340	0.881	3.46	0.0589	487	0.118	238	0.000681	0.000551	0.0000053	0.948	0.0102	0.171	0.0208	0.0000192	55	0.0000465	0.00263	0.00238	0.00322	1.14	0.0000179	6.35	26.3	0.129	0.00265	305	0.0167	0.0326	0.000183	0.00081	0.000395	0.567	0.0000216	0.00139	0.00279	0.00335	0.000262
2036 Oct	466	0.35	1.29	0.0221	163	0.0471	86.6	0.00023	0.000158	0.0000024	0.944	0.00433	0.0698	0.011	0.0000118	20.6	0.0000189	0.00165	0.00219	0.00178	1.12	0.00000743	3.22	10	0.0596	0.0011	102	0.00728	0.0104	0.000132	0.000319	0.000168	0.252	0.0000104	0.000772	0.00221	0.00194	0.000109
2036 Nov																																					
2036 Dec																																					

Appendix D.1-3: Waterline-Dissolved

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operations (2026-2036): Min	477	0.634	2.34	0.0529	190	0.0361	74.5	0.000534	0.000413	0.00000377	0.00374	0.00529	0.0795	0.0144	0.00000672	22.2	0.0000228	0.00067	0.000163	0.000864	0.016	0.00000555	4.9	8.41	0.0998	0.00118	120	0.00591	0.0296	0.0000496	0.000303	0.000154	0.589	0.0000192	0.00052	0.00046	0.00128	0.000371
Operations (2026-2036): Mean	9990	13.5	18	0.454	6410	0.111	693	0.0162	0.00183	0.0000908	0.0106	0.0314	0.351	0.0804	0.0000481	337	0.000124	0.00236	0.00201	0.00231	0.0486	0.0000159	92.8	41.2	0.193	0.0157	2990	0.0214	0.0955	0.000191	0.00489	0.00111	8.24	0.0000391	0.00155	0.00353	0.00878	0.0562
Operations (2026-2036): Max	24800	37.7	44.6	1.18	16400	0.194	1550	0.0465	0.00379	0.000231	0.017	0.0672	0.664	0.166	0.000128	821	0.000258	0.0048	0.00471	0.00341	0.0894	0.0000265	236	77.1	0.284	0.0355	7530	0.0375	0.447	0.000423	0.0118	0.00227	20.9	0.0000665	0.00287	0.007	0.0196	0.15
MDMER (Schedule 4, Table 2)	-	***19***	-	-	-	-	-	***0.5***	-	-	-	***0.3***	-	-	-	-	-	-	-	***0.3***	-	-	-	-	-	-	-	***0.5***	-	***0.1***	-	-	-	-	-	***0.5***	***0.37***
Active Closure (2037-2043): Min	720	2.12	6.56	0.0386	248	0.049	106	0.00314	0.000477	0.00000498	0.00379	0.0146	0.0857	0.015	0.00000889	36.3	0.0000284	0.00216	0.000237	0.00149	0.0147	0.00000658	9.21	17.5	0.162	0.0015	134	0.0126	0.263	0.0000744	0.000399	0.000531	0.442	0.0000183	0.00161	0.000641	0.00137	0.000451
Active Closure (2037-2043): Mean	2030	6.17	19.3	0.113	723	0.133	298	0.00866	0.0011	0.0000116	0.00822	0.0426	0.243	0.0385	0.0000231	98.8	0.0000693	0.00627	0.000644	0.00406	0.0301	0.0000146	26.4	50.5	0.468	0.00424	392	0.0362	0.752	0.000173	0.00101	0.0015	1.27	0.0000529	0.00472	0.00158	0.00299	0.0013
Active Closure (2037-2043): Max	2870	8.98	28	0.161	1050	0.184	411	0.0134	0.00142	0.0000158	0.0105	0.0597	0.341	0.0528	0.0000323	135	0.0000964	0.00897	0.00089	0.00569	0.0387	0.0000189	37.5	72.6	0.667	0.00583	567	0.0519	1.09	0.000254	0.00139	0.0021	1.81	0.0000762	0.00681	0.00219	0.00398	0.00184
MDMER (Schedule 4, Table 2)	-	***19***	-	-	-	-	-	***0.5***	-	-	-	***0.3***	-	-	-	-	-	-	-	***0.3***	-	-	-	-	-	-	-	***0.5***	-	***0.1***	-	-	-	-	-	***0.5***	***0.37***
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																																					
Model Predictions (2026-2043)																																					
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2027 Jul	6740	13.7	22.2	0.493	4190	0.147	496	0.0195	0.00216	0.0000625	0.0109	0.0363	0.314	0.0683	0.0000631	228	0.000103	0.00345	0.00141	0.00225	0.0441	0.000016	63.7	36.1	0.271	0.0123	2020	0.0203	0.447	0.000146	0.00336	0.0011	5.76	0.0000665	0.0024	0.0031	0.00705	0.0337
2027 Aug	7070	13.6	18.7	0.464	4410	0.101	499	0.0202	0.00223	0.000066	0.0114	0.0327	0.282	0.0683	0.0000828	234	0.0000971	0.00226	0.00145	0.00202	0.0482	0.0000163	63	32.8	0.158	0.0125	2090	0.0177	0.214	0.000137	0.00356	0.00104	5.55	0.0000357	0.00155	0.00353	0.0069	0.036
2027 Sep	7480	13.3	19.3	0.451	4480	0.138	586	0.0189	0.00211	0.0000644	0.013	0.0338	0.362	0.0776	0.000128	243	0.000106	0.00374	0.00153	0.00291	0.0469	0.0000212	62.3	44.7	0.19	0.0134	2160	0.0262	0.153	0.000138	0.00378	0.00122	5.3	0.0000358	0.00243	0.00456	0.00676	0.0335
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2028 Jun	2960	5.29	7.57	0.183	1790	0.0565	219	0.00727	0.000777	0.0000257	0.00419	0.0162	0.129	0.0261	0.0000197	97.5	0.0000431	0.00123	0.000587	0.00105	0.016	0.00000652	26.6	15.9	0.111	0.00479	849	0.00967	0.0401	0.0000496	0.00142	0.000459	2.39	0.0000239	0.000905	0.00117	0.00284	0.0144
2028 Jul	12800	23	29.4	0.76	8230	0.122	855	0.0322	0.0029	0.000119	0.0124	0.0526	0.426	0.0995	0.0000638	426	0.000156	0.00264	0.00251	0.00258	0.0486	0.0000159	120	49.8	0.266	0.0203	3830	0.0252	0.134	0.000144	0.00621	0.00159	10.7	0.0000584	0.00194	0.00435	0.0112	0.0716
2028 Aug	13500	24	29.4	0.783	8770	0.0996	874	0.0337	0.00303	0.000127	0.0124	0.0528	0.413	0.102	0.0000565	449	0.000158	0.00191	0.00265	0.00236	0.054	0.0000156	127	46.2	0.209	0.0212	4050	0.0224	0.134	0.000159	0.00658	0.00154	11.3	0.0000454	0.00138	0.00435	0.0117	0.0776
2028 Sep	13300	23.2	28.5	0.758	8630	0.119	871	0.0329	0.00353	0.000127	0.017	0.0661	0.42	0.11	0.0000496	452	0.000168	0.00237	0.00273	0.00287	0.0894	0.0000227	125	47.7	0.219	0.0208	3990	0.0234	0.157	0.000309	0.0066	0.00154	11.1	0.0000422	0.00153	0.00447	0.0126	0.0761
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2029 Jun	1350	1.92	3.8	0.0917	762	0.0719	137	0.00228	0.000522	0.0000104	0.00421	0.011	0.1	0.0172	0.00000672	49.5	0.0000304	0.0014	0.000284	0.000951	0.0192	0.00000774	11.6	12.4	0.0998	0.00233	396	0.00707	0.0331	0.0000551	0.00067	0.000234	1.15	0.0000254	0.000921	0.000549	0.00179	0.00492
2029 Jul	3160	4.64	8.72	0.214	1840	0.151	291	0.00566	0.0014	0.0000274	0.0104	0.0211	0.211	0.0406	0.0000159	115	0.0000704	0.0026	0.00068	0.00207	0.05	0.0000175	28.9	23.9	0.216	0.00538	925	0.014	0.0836	0.000138	0.00161	0.000492	2.85	0.0000584	0.00171	0.00133	0.00458	0.0133
2029 Aug	2790	4.07	6.61	0.16	1640	0.0915	228	0.00537	0.00126	0.0000254	0.00914	0.0145	0.149	0.0316	0.0000121	97.7	0.0000569	0.00161	0.000597	0.00163	0.0442	0.0000148	25	16.5	0.12	0.00452	787	0.0103	0.0642	0.000113	0.00147	0.000399	2.3	0.0000287	0.000971	0.00119	0.00399	0.0129
2029 Sep	3930	5.75	8.48	0.203	2360	0.088	312	0.00744	0.0013	0.0000343	0.00907	0.0171	0.179	0.0363	0.0000136	134	0.0000659	0.00174	0.000796	0.00179	0.0416	0.0000152	34.7	21.5	0.114	0.00616	1120	0.0127	0.0606	0.000105	0.002	0.000531	3.06	0.0000226	0.00105	0.00146	0.00455	0.0191
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2030 Jun	9080	13.8	16.3	0.431	6010	0.0361	568	0.0173	0.0014	0.0000845	0.00544	0.025	0.243	0.0609	0.0000244	301	0.0000946	0.00067	0.00172	0.001	0.0202	0.00000555	86.3	27.2	0.1	0.0129	2760	0.012	0.0542	0.0000563	0.00431	0.000834	7.68	0.0000211	0.00052	0.00255	0.00719	0.0549
2030 Jul	24800	37.7	44.6	1.18	16400	0.0955	1550	0.0465	0.00379	0.000231	0.0149	0.0672	0.664	0.166	0.000068	821	0.000258	0.0018	0.00471	0.00274	0.0551	0.0000153	236	73.9	0.265	0.0355	7530	0.033	0.144	0.000154	0.0118	0.00227	20.9	0.0000548	0.0014	0.007	0.0196	0.15
2030 Aug	24800	37.5	44.2	1.16	16400	0.0854	1550	0.046	0.00373	0.000231	0.0146	0.0651	0.656	0.164	0.0000628	821	0.000256	0.00173	0.00471	0.00274	0.0543	0.0000153	235	73.6	0.243	0.0355	7520	0.033	0.138	0.000151	0.0118	0.00226	20.8	0.0000462	0.00129	0.00692	0.0195	0.15
2030 Sep	24100	36.2	42.7	1.12	15900	0.0823	1500	0.0441	0.00359	0.000224	0.0143	0.0631	0.638	0.159	0.0000617	797	0.000249	0.00175	0.00457	0.00272	0.0529	0.0000152	228	72	0.234	0.0344	7300	0.0325	0.132	0.000147	0.0115	0.0022	20.2	0.0000429	0.00127	0.00674	0.0189	0.145
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2031 Jun	7660	10.6	12.9	0.337	5060	0.0406	485	0.0127	0.00115	0.0000712	0.00513	0.0206	0.214	0.056	0.0000223	257	0.0000826	0.000778	0.00151	0.00103	0.0271	0.00000575	73.1	24.1	0.11	0.0109	2330	0.011	0.0503	0.00014	0.00365	0.000705	6.54	0.0000225	0.000559	0.0023	0.00622	0.0462
2031 Jul	21000	29	34.9	0.915	13900	0.0995	1320	0.0339	0.00311	0.000196	0.0141	0.0556	0.579	0.153	0.0000666	703	0.000225	0.00197	0.00416	0.00281	0.0745	0.0000158	200	65.7	0.275	0.0301	6370	0.0301	0.13	0.000384	0.01	0.00192	17.8	0.000053	0.00138	0.00643	0.017	0.127
2031 Aug	21200	28.9	35.1	0.916	13900	0.108	1350	0.0332	0.00307	0.000196	0.0144	0.0558	0.598	0.153	0.0000659	709	0.000228	0.00232	0.00419	0.003	0.0735	0.0000172	200	68.6	0.276	0.0307	6410	0.0319	0.126	0.000373	0.0101	0.00196	17.8	0.0000511	0.00157	0.00647	0.0171	0.127
2031 Sep	20900	27.8	35	0.892	13600	0.147	1400	0.0313	0.00282	0.000188	0.0146	0.0539	0.649	0.148	0.0000589	699	0.000231	0.00393	0.00405	0.00339	0.0618	0.0000216	195	77.1	0.284	0.0306	6320	0.0375	0.114	0.000273	0.01	0.00204	17.2	0.0000481	0.00251	0.00619	0.0166	0.122

Appendix D.1-3: Waterline-Dissolved

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Oct																																					
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2032 Jun	1340	1.52	3.44	0.0794	750	0.0748	140	0.0015	0.000459	0.0000105	0.00421	0.00789	0.111	0.0193	0.0000191	48.9	0.0000308	0.0016	0.00029	0.000947	0.0173	0.00000784	11.9	12.8	0.103	0.00244	391	0.00777	0.0296	0.0000548	0.000706	0.000237	1.16	0.0000271	0.00105	0.000804	0.00176	0.00488
2032 Jul	3420	3.8	8.12	0.183	1900	0.164	331	0.00393	0.00124	0.0000278	0.0111	0.0179	0.26	0.0479	0.0000559	119	0.0000748	0.00344	0.000739	0.00235	0.0462	0.0000198	29.5	28.8	0.216	0.00616	964	0.0186	0.0711	0.000138	0.00183	0.000579	2.78	0.0000555	0.00225	0.00222	0.00447	0.0129
2032 Aug	3220	3.46	7.09	0.151	1800	0.132	307	0.00367	0.00111	0.0000259	0.0102	0.0141	0.227	0.0403	0.0000451	112	0.0000667	0.00292	0.000694	0.00226	0.0423	0.000019	26.6	26.3	0.152	0.00567	906	0.0173	0.0566	0.000114	0.00176	0.00054	2.37	0.0000328	0.00178	0.00198	0.00404	0.0125
2032 Sep	3380	3.43	7.3	0.142	1870	0.128	342	0.00359	0.00109	0.0000261	0.0106	0.0141	0.241	0.0434	0.0000745	116	0.0000665	0.00289	0.000732	0.00258	0.0415	0.0000199	25	30.5	0.132	0.00608	954	0.0188	0.0482	0.000109	0.00185	0.000581	2.15	0.0000253	0.00163	0.00262	0.00388	0.012
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2033 Jun	5320	6.14	8.37	0.212	3450	0.0556	362	0.00672	0.000791	0.0000486	0.00477	0.014	0.181	0.0431	0.0000206	181	0.0000641	0.00119	0.00109	0.00107	0.0253	0.00000693	50.6	20.7	0.11	0.00817	1610	0.0106	0.0394	0.000137	0.00259	0.000545	4.53	0.0000235	0.000787	0.00179	0.00458	0.0309
2033 Jul	14600	16.7	22.3	0.567	9440	0.133	976	0.0181	0.00216	0.000134	0.0131	0.0377	0.479	0.118	0.0000698	492	0.000171	0.0028	0.00299	0.00289	0.0708	0.0000184	137	55	0.27	0.0224	4380	0.0282	0.1	0.000387	0.00708	0.00148	12.2	0.0000542	0.00186	0.00519	0.0124	0.0847
2033 Aug	14700	16.7	22.4	0.562	9520	0.121	991	0.0177	0.00217	0.000135	0.0134	0.0372	0.48	0.12	0.000086	496	0.000171	0.00265	0.00304	0.00305	0.0732	0.000019	137	56.5	0.241	0.023	4420	0.0287	0.0925	0.000401	0.0072	0.00149	12.1	0.0000438	0.00164	0.0056	0.0124	0.0851
2033 Sep	14600	16.3	22.3	0.551	9360	0.139	1030	0.0169	0.00208	0.000132	0.0141	0.0358	0.515	0.122	0.00012	491	0.000172	0.00315	0.00299	0.00335	0.0654	0.0000212	133	62.1	0.236	0.0233	4380	0.0319	0.0834	0.000324	0.0072	0.00154	11.7	0.0000439	0.00196	0.00618	0.012	0.082
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2034 Jun	3260	3.65	5.69	0.14	2060	0.0629	243	0.00382	0.000611	0.0000293	0.00433	0.0104	0.14	0.0322	0.0000162	115	0.0000464	0.00129	0.000716	0.00104	0.0259	0.00000699	31.1	16.2	0.114	0.00536	974	0.00897	0.0349	0.000149	0.00161	0.000397	2.83	0.0000254	0.000862	0.00127	0.00312	0.0178
2034 Jul	8910	9.73	14.7	0.36	5600	0.153	654	0.0102	0.00162	0.0000797	0.0117	0.0274	0.368	0.0861	0.000048	310	0.000122	0.00322	0.00195	0.00283	0.0712	0.0000193	83.3	43.1	0.264	0.0146	2640	0.0243	0.0861	0.000406	0.00442	0.00107	7.47	0.0000534	0.00212	0.00355	0.00827	0.0485
2034 Aug	8980	9.64	14.4	0.345	5660	0.137	666	0.00999	0.00164	0.0000804	0.0123	0.0265	0.365	0.0874	0.000065	313	0.000121	0.00295	0.002	0.00305	0.0752	0.0000204	81.7	44.4	0.22	0.0149	2670	0.0246	0.0779	0.000423	0.00451	0.00108	7.22	0.0000376	0.00177	0.00397	0.00816	0.0486
2034 Sep	9130	9.46	14.8	0.344	5640	0.164	730	0.00947	0.00154	0.0000789	0.0131	0.0255	0.419	0.0895	0.0000948	316	0.000126	0.00388	0.00198	0.00341	0.0644	0.0000236	80.3	51.9	0.217	0.0157	2690	0.0291	0.0687	0.000318	0.00466	0.00116	7.03	0.0000374	0.00232	0.00451	0.00798	0.0468
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2035 Jun	477	0.634	2.34	0.0529	190	0.0697	74.5	0.000534	0.000413	0.00000377	0.00374	0.00529	0.0795	0.0144	0.00000865	22.2	0.0000228	0.00126	0.000163	0.000864	0.0205	0.00000679	4.9	8.41	0.108	0.00118	120	0.00591	0.0306	0.0000955	0.000303	0.000154	0.589	0.0000291	0.00086	0.00046	0.00128	0.000458
2035 Jul	1180	1.23	4.59	0.0987	433	0.146	173	0.00124	0.00104	0.00000848	0.00963	0.0127	0.174	0.0332	0.0000219	51.3	0.0000521	0.00253	0.000412	0.00217	0.0563	0.0000177	9.55	19.4	0.208	0.00262	266	0.0141	0.0685	0.000264	0.000751	0.000362	1.08	0.0000503	0.00171	0.00122	0.003	0.000766
2035 Aug	1220	0.968	3.85	0.0706	450	0.13	195	0.00108	0.000977	0.00000754	0.00987	0.012	0.173	0.0315	0.000029	53.7	0.0000497	0.00252	0.000428	0.00236	0.0568	0.0000193	7.46	21.9	0.151	0.00272	278	0.0151	0.0561	0.000259	0.000834	0.000384	0.719	0.0000281	0.00151	0.00142	0.00272	0.000385
2035 Sep	1900	1.39	5.54	0.0913	718	0.194	341	0.000988	0.000809	0.00000765	0.011	0.0115	0.289	0.0358	0.0000354	82.1	0.0000659	0.0048	0.000518	0.00328	0.0468	0.0000265	11.5	38.6	0.183	0.0046	451	0.0255	0.0478	0.00017	0.0013	0.000635	0.93	0.0000277	0.00287	0.00167	0.00284	0.000371
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2036 Jun	7230	7.4	9.77	0.25	4730	0.0503	482	0.00792	0.00087	0.0000663	0.00511	0.0176	0.219	0.0491	0.0000139	244	0.000081	0.0011	0.0014	0.00115	0.0192	0.00000709	68.8	26.3	0.102	0.0119	2190	0.0128	0.038	0.0000605	0.0035	0.000743	6.07	0.0000192	0.000759	0.00203	0.00593	0.0432
2036 Jul	19500	20	26.3	0.675	12800	0.13	1290	0.0212	0.00236	0.000179	0.0138	0.0469	0.585	0.132	0.0000367	656	0.000218	0.00279	0.00379	0.00309	0.052	0.0000191	186	69.9	0.266	0.0322	5900	0.0342	0.1	0.000161	0.00945	0.002	16.3	0.0000484	0.00198	0.00548	0.016	0.117
2036 Aug	19500	20	26.3	0.673	12800	0.12	1300	0.0209	0.00235	0.000179	0.0138	0.0455	0.576	0.129	0.0000359	656	0.000217	0.00246	0.00379	0.00318	0.0523	0.0000193	185	70.1	0.244	0.0324	5910	0.0339	0.0951	0.000156	0.00947	0.00199	16.2	0.000041	0.00169	0.00549	0.016	0.117
2036 Sep	19100	19.3	25.6	0.651	12400	0.131	1310	0.0199	0.00222	0.000173	0.0137	0.0436	0.587	0.126	0.000036	644	0.000215	0.00277	0.0037	0.00338	0.0498	0.000021	179	74	0.239	0.0319	5760	0.0357	0.0881	0.000147	0.00929	0.002	15.6	0.0000369	0.00192	0.00541	0.0155	0.112
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2037 Jun	914	2.79	8.84	0.0526	338	0.0626	129	0.00314	0.000477	0.00000529	0.00381	0.019	0.112	0.0184	0.0000106	43	0.0000326	0.00292	0.000302	0.00189	0.0147	0.00000677	11.9	23.1	0.215	0.00184	184	0.0168	0.348	0.0000935	0.000461	0.000652	0.599	0.0000251	0.00221	0.000751	0.00139	0.000574
2037 Jul	2450	7.63	24.1	0.14	905	0.165	343	0.00869	0.00129	0.0000143	0.0101	0.053	0.296	0.0485	0.0000285	115	0.0000864	0.00785	0.000795	0.00508	0.0368	0.0000178	32.2	62.1	0.58	0.00491	490	0.0454	0.957	0.000221	0.00122	0.00177	1.59	0.0000669	0.00595	0.00198	0.00367	0.00155
2037 Aug	2530	7.91	25	0.144	934	0.169	354	0.00906	0.00131	0.0000146	0.0102	0.0551	0.305	0.0495	0.0000293	119	0.0000886	0.0081	0.000815	0.00522	0.0361	0.000018	33.3	64.2	0.599	0.00507	506	0.0469	0.989	0.000219	0.00125	0.00184	1.64	0.0000689	0.00615	0.00203	0.00373	0.0016
2037 Sep	2420	7.63	23.9	0.137	894	0.161	344	0.0092	0.00128	0.000014	0.00994	0.0532	0.292	0.0474	0.0000281	115	0.0000848	0.00773	0.000783	0.00498	0.0357	0.0000173	31.9	61.9	0.571	0.00494	485	0.0445	0.936	0.000213	0.0012	0.00177	1.56	0.0000653	0.00584	0.00194	0.00359	0.00154
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2038 Jun	898	2.81	8.75	0.0502	328	0.059	128	0.00349	0.000496	0.00000527	0.00379	0.0187	0.107	0.0186	0.0000104	43.6	0.0000317	0.00283	0.000308	0.00185	0.0166	0.00000658	11.8	22.9	0.213	0.00182	178	0.0163	0.344	0.00011	0.000449	0.000658	0.576	0.0000239	0.00214	0.000754	0.00137	0.000569
2038 Jul	2660	8.35	26	0.149	975	0.173	379	0.0103	0.00135	0.0000151	0.0103	0.0555	0.317	0.0516	0.0000304	127	0.0000912	0.00836	0.000862	0.00537	0.0387	0.0000183	34.9	67.7	0.626	0.00539	528	0.0484	1.02	0.000254	0.0013	0.00195	1.7	0.0000711	0.00634	0.00212	0.00384	0.0017

Appendix D.1-3: Waterline-Dissolved

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2038 Aug	2870	8.98	28	0.161	1050	0.184	411	0.0113	0.00138	0.0000158	0.0105	0.0597	0.341	0.0528	0.0000323	135	0.0000964	0.00897	0.00089	0.00569	0.034	0.0000189	37.5	72.6	0.667	0.00583	567	0.0519	1.09	0.000217	0.00139	0.0021	1.81	0.0000762	0.00681	0.00219	0.00398	0.00184
2038 Sep	2600	8.06	25.1	0.145	941	0.17	381	0.0109	0.00133	0.0000146	0.0101	0.0541	0.313	0.0487	0.0000294	126	0.0000879	0.00814	0.000819	0.0052	0.0347	0.000018	34	65.5	0.602	0.00545	510	0.0467	0.969	0.000207	0.00128	0.00193	1.64	0.0000681	0.00612	0.002	0.00369	0.00167
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2039 Jun	720	2.12	6.56	0.0386	248	0.049	106	0.00337	0.000582	0.00000498	0.00434	0.0146	0.0857	0.015	0.00000889	36.3	0.0000284	0.00216	0.000237	0.00149	0.0181	0.00000703	9.21	17.5	0.162	0.0015	134	0.0126	0.263	0.0000744	0.000399	0.000531	0.442	0.0000183	0.00161	0.000641	0.00146	0.000451
2039 Jul	2080	6.04	18.7	0.111	707	0.138	313	0.00987	0.00131	0.0000125	0.00927	0.042	0.246	0.0394	0.0000237	103	0.0000703	0.00616	0.00065	0.00414	0.0378	0.0000167	26.4	50.1	0.461	0.00444	382	0.0358	0.732	0.000175	0.00105	0.00154	1.26	0.0000514	0.0046	0.00159	0.00327	0.00131
2039 Aug	2610	7.37	22.8	0.137	860	0.162	406	0.0134	0.00142	0.0000142	0.00991	0.0524	0.305	0.045	0.0000282	131	0.0000829	0.0075	0.00078	0.00488	0.0353	0.0000182	32.7	61.3	0.568	0.00569	465	0.0436	0.878	0.000185	0.00128	0.00195	1.53	0.0000624	0.00561	0.00187	0.00364	0.00168
2039 Sep	1630	4.3	13.3	0.0854	502	0.0998	287	0.0113	0.000972	0.0000089	0.00627	0.0337	0.195	0.027	0.0000175	91.7	0.0000502	0.00456	0.000487	0.00292	0.0228	0.0000115	20.9	37.1	0.35	0.00404	271	0.0258	0.506	0.000108	0.000835	0.00133	0.935	0.0000367	0.00332	0.00112	0.00228	0.00113
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Appendix D.1-4: Waterline-Total

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operations (2026-2036): Min	477	0.634	2.34	0.0529	190	0.0361	74.5	0.000534	0.000413	0.00000462	0.945	0.00627	0.0795	0.0183	0.0000152	22.8	0.0000258	0.00112	0.00225	0.00192	1.13	0.00000692	5.05	8.74	0.113	0.00119	120	0.00698	0.0296	0.000158	0.000315	0.000165	0.591	0.000022	0.00053	0.0024	0.00256	0.000371
Operations (2026-2036): Mean	9990	13.5	18	0.454	6410	0.111	693	0.0162	0.00183	0.0000917	0.952	0.0324	0.351	0.0844	0.0000565	338	0.000127	0.00281	0.00409	0.00337	1.16	0.0000173	92.9	41.5	0.206	0.0157	2990	0.0225	0.0955	0.000299	0.0049	0.00112	8.24	0.0000419	0.00156	0.00546	0.0101	0.0562
Operations (2026-2036): Max	24800	37.7	44.6	1.18	16400	0.194	1550	0.0465	0.00379	0.000232	0.958	0.0681	0.664	0.17	0.000136	822	0.000261	0.00524	0.0068	0.00447	1.2	0.0000278	236	77.4	0.297	0.0355	7530	0.0386	0.447	0.000531	0.0118	0.00228	20.9	0.0000693	0.00288	0.00894	0.0209	0.15
MDMER (Schedule 4, Table 2)	**-**	***19***	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	**-**	**-**	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	***0.1***	**-**	**-**	**-**	**-**	**-**	**-**	***0.5***	***0.37***
Active Closure (2037-2043): Min	720	2.12	6.56	0.0386	248	0.049	106	0.00314	0.000477	0.00000584	0.945	0.0156	0.0857	0.0189	0.0000173	37	0.0000314	0.00261	0.00232	0.00255	1.13	0.00000796	9.36	17.9	0.175	0.00151	134	0.0136	0.263	0.000182	0.00041	0.000542	0.445	0.0000211	0.00162	0.00258	0.00264	0.000451
Active Closure (2037-2043): Mean	2030	6.17	19.3	0.113	723	0.133	298	0.00866	0.0011	0.0000125	0.949	0.0436	0.243	0.0424	0.0000316	99.5	0.0000723	0.00672	0.00273	0.00512	1.14	0.000016	26.5	50.8	0.481	0.00426	392	0.0373	0.752	0.000281	0.00102	0.00151	1.28	0.0000557	0.00473	0.00352	0.00426	0.0013
Active Closure (2037-2043): Max	2870	8.98	28	0.161	1050	0.184	411	0.0134	0.00142	0.0000167	0.952	0.0607	0.341	0.0567	0.0000408	136	0.0000994	0.00941	0.00298	0.00674	1.15	231	37.6	72.9	0.68	0.00585	568	0.0529	1.09	0.000362	0.0014	0.00211	1.82	0.000079	0.00682	0.00413	0.00525	0.00184
MDMER (Schedule 4, Table 2)	**-**	***19***	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	**-**	**-**	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	***0.1***	**-**	**-**	**-**	**-**	**-**	**-**	***0.5***	***0.37***
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2043)																																						
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2027 Jul	6740	13.7	22.2	0.493	4190	0.147	496	0.0195	0.00216	0.0000633	0.952	0.0373	0.314	0.0722	0.0000715	229	0.000106	0.0039	0.00349	0.00331	1.16	0.0000174	63.8	36.5	0.284	0.0123	2020	0.0214	0.447	0.000254	0.00337	0.00111	5.77	0.0000693	0.00241	0.00504	0.00832	0.0337
2027 Aug	7070	13.6	18.7	0.464	4410	0.101	499	0.0202	0.00223	0.0000669	0.953	0.0336	0.282	0.0722	0.0000912	235	0.0001	0.0027	0.00354	0.00308	1.16	0.0000177	63.2	33.1	0.171	0.0126	2090	0.0188	0.214	0.000245	0.00357	0.00105	5.55	0.0000385	0.00155	0.00547	0.00817	0.036
2027 Sep	7480	13.3	19.3	0.451	4480	0.138	586	0.0189	0.00211	0.0000652	0.954	0.0348	0.362	0.0815	0.000136	243	0.000109	0.00419	0.00361	0.00397	1.16	0.0000226	62.5	45	0.203	0.0135	2160	0.0273	0.153	0.000246	0.0038	0.00123	5.3	0.0000387	0.00244	0.00649	0.00803	0.0335
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2028 Jun	2960	5.29	7.57	0.183	1790	0.0565	219	0.00727	0.000777	0.0000265	0.945	0.0172	0.129	0.03	0.0000281	98.2	0.0000461	0.00168	0.00267	0.00211	1.13	0.00000789	26.8	16.2	0.124	0.0048	849	0.0107	0.0401	0.000158	0.00144	0.00047	2.39	0.0000268	0.000915	0.0031	0.00411	0.0144
2028 Jul	12800	23	29.4	0.76	8230	0.122	855	0.0322	0.0029	0.00012	0.954	0.0535	0.426	0.103	0.0000722	427	0.000159	0.00309	0.0046	0.00363	1.16	0.0000172	120	50.1	0.279	0.0203	3830	0.0263	0.134	0.000252	0.00623	0.0016	10.7	0.0000612	0.00195	0.00629	0.0125	0.0716
2028 Aug	13500	24	29.4	0.783	8770	0.0996	874	0.0337	0.00303	0.000128	0.954	0.0538	0.413	0.106	0.000065	450	0.000161	0.00236	0.00473	0.00341	1.17	0.000017	127	46.6	0.222	0.0212	4050	0.0235	0.134	0.000267	0.00659	0.00155	11.3	0.0000482	0.00139	0.00629	0.013	0.0776
2028 Sep	13300	23.2	28.5	0.758	8630	0.119	871	0.0329	0.00353	0.000128	0.958	0.067	0.42	0.114	0.000058	453	0.000171	0.00281	0.00481	0.00393	1.2	0.0000241	125	48	0.232	0.0209	3990	0.0245	0.157	0.000417	0.00661	0.00155	11.1	0.000045	0.00154	0.00641	0.0139	0.0761
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2029 Jun	1350	1.92	3.8	0.0917	762	0.0719	137	0.00228	0.000522	0.0000113	0.945	0.012	0.1	0.0211	0.0000152	50.2	0.0000334	0.00185	0.00237	0.00201	1.13	0.00000912	11.8	12.7	0.113	0.00234	396	0.00815	0.0331	0.000163	0.000682	0.000245	1.15	0.0000282	0.00093	0.00248	0.00306	0.00492
2029 Jul	3160	4.64	8.72	0.214	1840	0.151	291	0.00566	0.0014	0.0000283	0.952	0.0221	0.211	0.0445	0.0000243	116	0.0000734	0.00305	0.00277	0.00313	1.16	0.0000189	29	24.2	0.229	0.00539	925	0.015	0.0836	0.000246	0.00162	0.000503	2.85	0.0000612	0.00172	0.00326	0.00585	0.0133
2029 Aug	2790	4.07	6.61	0.16	1640	0.0915	228	0.00537	0.00126	0.0000263	0.95	0.0155	0.149	0.0355	0.0000206	98.4	0.0000599	0.00206	0.00268	0.00269	1.16	0.0000161	25.1	16.8	0.133	0.00454	787	0.0114	0.0642	0.000221	0.00148	0.00041	2.3	0.0000315	0.000981	0.00312	0.00526	0.0129
2029 Sep	3930	5.75	8.48	0.203	2360	0.088	312	0.00744	0.0013	0.0000351	0.95	0.0181	0.179	0.0403	0.000022	135	0.0000689	0.00218	0.00288	0.00284	1.15	0.0000166	34.8	21.8	0.127	0.00617	1120	0.0138	0.0606	0.000213	0.00202	0.000542	3.07	0.0000254	0.00106	0.00339	0.00582	0.0191
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2030 Jun	9080	13.8	16.3	0.431	6010	0.0361	568	0.0173	0.0014	0.0000854	0.947	0.026	0.243	0.0648	0.0000328	302	0.0000976	0.00112	0.00381	0.00206	1.13	0.00000692	86.5	27.5	0.113	0.0129	2760	0.0131	0.0542	0.000164	0.00432	0.000845	7.69	0.0000239	0.00053	0.00448	0.00846	0.0549
2030 Jul	24800	37.7	44.6	1.18	16400	0.0955	1550	0.0465	0.00379	0.000232	0.956	0.0681	0.664	0.17	0.0000764	822	0.000261	0.00225	0.0068	0.0038	1.17	0.0000166	236	74.2	0.278	0.0355	7530	0.0341	0.144	0.000262	0.0118	0.00228	20.9	0.0000576	0.00141	0.00894	0.0209	0.15
2030 Aug	24800	37.5	44.2	1.16	16400	0.0854	1550	0.046	0.00373	0.000231	0.956	0.066	0.656	0.168	0.0000712	821	0.000259	0.00217	0.0068	0.0038	1.17	0.0000167	235	73.9	0.256	0.0355	7520	0.034	0.138	0.000259	0.0118	0.00227	20.8	0.0000491	0.00129	0.00885	0.0208	0.15
2030 Sep	24100	36.2	42.7	1.12	15900	0.0823	1500	0.0441	0.00359	0.000224	0.955	0.0641	0.638	0.163	0.0000701	797	0.000252	0.00219	0.00666	0.00378	1.16	0.0000166	228	72.4	0.247	0.0344	7300	0.0335	0.132	0.000255	0.0115	0.00221	20.2	0.0000457	0.00128	0.00868	0.0202	0.145
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2031 Jun	7660	10.6	12.9	0.337	5060	0.0406	485	0.0127	0.00115	0.0000721	0.946	0.0216	0.214	0.0599	0.0000307	258	0.0000856	0.00122	0.0036	0.00208	1.14	0.00000713	73.3	24.5	0.122	0.0109	2330	0.0121	0.0503	0.000248	0.00366	0.000716	6.54	0.0000253	0.000569	0.00423	0.00749	0.0462
2031 Jul	21000	29	34.9	0.915	13900	0.0995	1320	0.0339	0.00311	0.000196	0.955	0.0565	0.579	0.157	0.0000751	704	0.000228	0.00241	0.00625	0.00387	1.19	0.0000172	200	66.1	0.287	0.0301	6370	0.0311	0.13	0.000492	0.01	0.00193	17.8	0.0000558	0.00139	0.00837	0.0182	0.127
2031 Aug	21200	28.9	35.1	0.916	13900	0.108	1350	0.0332	0.00307	0.000197	0.956	0.0568	0.598	0.157	0.0000743	709	0.000231	0.00276	0.00628	0.00405	1.18	0.0000186	200	69	0.289	0.0307	6410	0.033	0.126	0.000481	0.0102	0.00197	17.8	0.0000539	0.00158	0.00841	0.0183	0.127
2031 Sep	20900	27.8	35	0.892	13600	0.147	1400	0.0313	0.00282	0.000189	0.956	0.0549	0.649	0.152	0.0000673	699	0.000234	0.00438	0.00614	0.00445	1.17	0.000023	196	77.4	0.297	0.0306	6320	0.0386	0.114	0.000381	0.0101	0.00206	17.2	0.000051	0.00252	0.00812	0.0178	0.122

Appendix D.1-4: Waterline-Total

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Oct																																					
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2032 Jun	1340	1.52	3.44	0.0794	750	0.0748	140	0.0015	0.000459	0.0000114	0.945	0.00888	0.111	0.0232	0.0000276	49.6	0.0000337	0.00205	0.00238	0.002	1.13	0.00000921	12	13.2	0.116	0.00245	392	0.00885	0.0296	0.000163	0.000717	0.000248	1.16	0.0000299	0.00106	0.00274	0.00303	0.00488
2032 Jul	3420	3.8	8.12	0.183	1900	0.164	331	0.00393	0.00124	0.0000287	0.952	0.0189	0.26	0.0518	0.0000643	120	0.0000778	0.00389	0.00282	0.00341	1.16	0.0000212	29.7	29.1	0.229	0.00617	964	0.0197	0.0711	0.000246	0.00184	0.000589	2.78	0.0000583	0.00226	0.00416	0.00574	0.0129
2032 Aug	3220	3.46	7.09	0.151	1800	0.132	307	0.00367	0.00111	0.0000267	0.951	0.0151	0.227	0.0443	0.0000535	112	0.0000697	0.00337	0.00278	0.00332	1.15	0.0000204	26.7	26.7	0.165	0.00569	906	0.0184	0.0566	0.000222	0.00177	0.000551	2.37	0.0000356	0.00179	0.00392	0.00531	0.0125
2032 Sep	3380	3.43	7.3	0.142	1870	0.128	342	0.00359	0.00109	0.0000269	0.952	0.0151	0.241	0.0473	0.000083	117	0.0000694	0.00334	0.00282	0.00364	1.15	0.0000213	25.1	30.8	0.144	0.00609	954	0.0199	0.0482	0.000217	0.00186	0.000592	2.16	0.0000281	0.00163	0.00455	0.00515	0.012
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2033 Jun	5320	6.14	8.37	0.212	3450	0.0556	362	0.00672	0.000791	0.0000495	0.946	0.015	0.181	0.047	0.000029	182	0.0000671	0.00163	0.00317	0.00213	1.14	0.0000083	50.7	21.1	0.123	0.00818	1610	0.0116	0.0394	0.000245	0.0026	0.000556	4.53	0.0000263	0.000797	0.00373	0.00585	0.0309
2033 Jul	14600	16.7	22.3	0.567	9440	0.133	976	0.0181	0.00216	0.000134	0.954	0.0387	0.479	0.122	0.0000782	492	0.000174	0.00324	0.00507	0.00395	1.18	0.0000198	137	55.3	0.283	0.0224	4380	0.0293	0.1	0.000495	0.00709	0.00149	12.2	0.000057	0.00187	0.00713	0.0136	0.0847
2033 Aug	14700	16.7	22.4	0.562	9520	0.121	991	0.0177	0.00217	0.000136	0.955	0.0382	0.48	0.124	0.0000944	497	0.000174	0.0031	0.00513	0.00411	1.18	0.0000204	137	56.8	0.254	0.023	4420	0.0298	0.0925	0.000509	0.00721	0.0015	12.1	0.0000467	0.00165	0.00753	0.0136	0.0851
2033 Sep	14600	16.3	22.3	0.551	9360	0.139	1030	0.0169	0.00208	0.000133	0.955	0.0368	0.515	0.126	0.000129	491	0.000175	0.00359	0.00507	0.0044	1.18	0.0000226	133	62.5	0.249	0.0233	4380	0.033	0.0834	0.000432	0.00721	0.00155	11.7	0.0000467	0.00197	0.00812	0.0133	0.082
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2034 Jun	3260	3.65	5.69	0.14	2060	0.0629	243	0.00382	0.000611	0.0000302	0.946	0.0114	0.14	0.0361	0.0000246	115	0.0000494	0.00174	0.0028	0.0021	1.14	0.00000836	31.2	16.5	0.127	0.00537	974	0.01	0.0349	0.000257	0.00162	0.000408	2.84	0.0000282	0.000872	0.0032	0.00439	0.0178
2034 Jul	8910	9.73	14.7	0.36	5600	0.153	654	0.0102	0.00162	0.0000805	0.953	0.0284	0.368	0.09	0.0000565	310	0.000125	0.00367	0.00404	0.00389	1.18	0.0000207	83.4	43.4	0.277	0.0146	2640	0.0254	0.0861	0.000514	0.00443	0.00108	7.47	0.0000562	0.00213	0.00548	0.00954	0.0485
2034 Aug	8980	9.64	14.4	0.345	5660	0.137	666	0.00999	0.00164	0.0000813	0.953	0.0275	0.365	0.0913	0.0000734	313	0.000124	0.0034	0.00409	0.0041	1.19	0.0000218	81.9	44.8	0.233	0.0149	2670	0.0257	0.0779	0.000531	0.00452	0.00109	7.22	0.0000405	0.00178	0.0059	0.00943	0.0486
2034 Sep	9130	9.46	14.8	0.344	5640	0.164	730	0.00947	0.00154	0.0000798	0.954	0.0264	0.419	0.0934	0.000103	317	0.000129	0.00432	0.00406	0.00447	1.18	0.0000249	80.5	52.3	0.23	0.0157	2690	0.0302	0.0687	0.000426	0.00467	0.00117	7.03	0.0000402	0.00233	0.00644	0.00926	0.0468
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2035 Jun	477	0.634	2.34	0.0529	190	0.0697	74.5	0.000534	0.000413	0.00000462	0.945	0.00627	0.0795	0.0183	0.0000171	22.8	0.0000258	0.00171	0.00225	0.00192	1.13	0.00000816	5.05	8.74	0.121	0.00119	120	0.00698	0.0306	0.000203	0.000315	0.000165	0.591	0.0000319	0.00087	0.0024	0.00256	0.000459
2035 Jul	1180	1.23	4.59	0.0987	433	0.146	173	0.00124	0.00104	0.00000934	0.951	0.0137	0.174	0.0371	0.0000303	52	0.0000551	0.00298	0.0025	0.00323	1.17	0.0000191	9.7	19.7	0.221	0.00263	266	0.0151	0.0685	0.000371	0.000763	0.000373	1.08	0.0000531	0.00172	0.00315	0.00427	0.000766
2035 Aug	1220	0.968	3.85	0.0706	450	0.13	195	0.00108	0.000977	0.00000839	0.951	0.013	0.173	0.0354	0.0000374	54.4	0.0000527	0.00297	0.00251	0.00342	1.17	0.0000207	7.61	22.2	0.163	0.00273	278	0.0162	0.0561	0.000367	0.000845	0.000395	0.721	0.0000309	0.00152	0.00335	0.00399	0.000385
2035 Sep	1900	1.39	5.54	0.0913	718	0.194	341	0.000988	0.000809	0.0000085	0.952	0.0125	0.289	0.0397	0.0000439	82.8	0.0000689	0.00524	0.0026	0.00433	1.16	0.0000278	11.7	38.9	0.196	0.00461	451	0.0266	0.0478	0.000278	0.00131	0.000646	0.933	0.0000305	0.00288	0.00361	0.00411	0.000371
2035 Oct																																					
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2036 Jun	7230	7.4	9.77	0.25	4730	0.0503	482	0.00792	0.00087	0.0000671	0.946	0.0186	0.219	0.053	0.0000223	244	0.000084	0.00154	0.00349	0.0022	1.13	0.00000847	68.9	26.6	0.115	0.0119	2190	0.0138	0.038	0.000168	0.00351	0.000754	6.07	0.000022	0.000769	0.00397	0.0072	0.0432
2036 Jul	19500	20	26.3	0.675	12800	0.13	1290	0.0212	0.00236	0.00018	0.955	0.0479	0.585	0.136	0.0000451	657	0.000221	0.00323	0.00587	0.00415	1.16	0.0000205	186	70.2	0.279	0.0322	5900	0.0353	0.1	0.000269	0.00946	0.00201	16.3	0.0000513	0.00199	0.00742	0.0173	0.117
2036 Aug	19500	20	26.3	0.673	12800	0.12	1300	0.0209	0.00235	0.00018	0.955	0.0465	0.576	0.133	0.0000444	657	0.00022	0.00291	0.00588	0.00423	1.16	0.0000206	185	70.4	0.256	0.0324	5910	0.0349	0.0951	0.000264	0.00949	0.002	16.2	0.0000438	0.0017	0.00743	0.0173	0.117
2036 Sep	19100	19.3	25.6	0.651	12400	0.131	1310	0.0199	0.00222	0.000174	0.955	0.0446	0.587	0.13	0.0000444	645	0.000218	0.00321	0.00579	0.00443	1.16	0.0000223	179	74.3	0.252	0.0319	5760	0.0368	0.0881	0.000255	0.00931	0.00201	15.6	0.0000397	0.00193	0.00735	0.0168	0.112
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2037 Jun	914	2.79	8.84	0.0526	338	0.0626	129	0.00314	0.000477	0.00000615	0.945	0.02	0.112	0.0223	0.000019	43.7	0.0000356	0.00337	0.00239	0.00294	1.13	0.00000814	12.1	23.4	0.228	0.00185	184	0.0179	0.348	0.000201	0.000472	0.000663	0.602	0.000028	0.00222	0.00269	0.00266	0.000574
2037 Jul	2450	7.63	24.1	0.14	905	0.165	343	0.00869	0.00129	0.0000151	0.951	0.054	0.296	0.0524	0.000037	116	0.0000894	0.0083	0.00288	0.00613	1.15	0.0000192	32.4	62.4	0.592	0.00492	490	0.0465	0.957	0.000329	0.00123	0.00178	1.59	0.0000698	0.00596	0.00391	0.00494	0.00155
2037 Aug	2530	7.91	25	0.144	934	0.169	354	0.00906	0.00131	0.0000155	0.951	0.0561	0.305	0.0534	0.0000378	119	0.0000916	0.00855	0.0029	0.00627	1.15	0.0000194	33.5	64.5	0.611	0.00508	506	0.0479	0.989	0.000327	0.00126	0.00185	1.64	0.0000717	0.00616	0.00396	0.005	0.0016
2037 Sep	2420	7.63	23.9	0.137	894	0.161	344	0.0092	0.00128	0.0000149	0.951	0.0541	0.292	0.0514	0.0000365	116	0.0000878	0.00818	0.00287	0.00603	1.15	0.0000187	32.1	62.2	0.584	0.00495	485	0.0455	0.936	0.000321	0.00121	0.00179	1.56	0.0000681	0.00585	0.00387	0.00486	0.00154
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2038 Jun	898	2.81	8.75	0.0502	328	0.059	128	0.00349	0.000496	0.00000613	0.945	0.0197	0.107	0.0225	0.0000189	44.3	0.0000347	0.00328	0.00239	0.00291	1.13	0.00000796	11.9	23.2	0.226	0.00183	178	0.0174	0.344	0.000218	0.00046	0.000669	0.578	0.0000268	0.00215	0.00269	0.00264	0.000569
2038 Jul	2660	8.35	26	0.149	975	0.173	379	0.0103	0.00135	0.0000159	0.952	0.0565	0.317	0.0555	0.0000388	127	0.0000942	0.00881	0.00295	0.00643	1.15	0.0000197	35	68	0.638	0.0054	528	0.0494	1.02	0.000362	0.00132	0.00196	1.7	0.0000739	0.00635	0.00405	0.00511	0.0017

Appendix D.1-4: Waterline-Total

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2038 Aug	2870	8.98	28	0.161	1050	0.184	411	0.0113	0.00138	0.0000167	0.952	0.0607	0.341	0.0567	0.0000408	136	0.0000994	0.00941	0.00298	0.00674	1.15	0.0000202	37.6	72.9	0.68	0.00585	568	0.0529	1.09	0.000325	0.0014	0.00211	1.82	0.000079	0.00682	0.00413	0.00525	0.00184
2038 Sep	2600	8.06	25.1	0.145	941	0.17	381	0.0109	0.00133	0.0000154	0.951	0.0551	0.313	0.0527	0.0000379	127	0.0000908	0.00859	0.00291	0.00626	1.15	0.0000194	34.2	65.8	0.615	0.00546	510	0.0478	0.969	0.000315	0.00129	0.00194	1.64	0.0000709	0.00613	0.00393	0.00496	0.00167
2038 Oct																																						
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2039 Jun	720	2.12	6.56	0.0386	248	0.049	106	0.00337	0.000582	0.00000584	0.946	0.0156	0.0857	0.0189	0.0000173	37	0.0000314	0.00261	0.00232	0.00255	1.13	0.0000084	9.36	17.9	0.175	0.00151	134	0.0136	0.263	0.000182	0.00041	0.000542	0.445	0.0000211	0.00162	0.00258	0.00273	0.000451
2039 Jul	2080	6.04	18.7	0.111	707	0.138	313	0.00987	0.00131	0.0000134	0.95	0.043	0.246	0.0434	0.0000322	104	0.0000733	0.00661	0.00274	0.0052	1.15	0.0000181	26.5	50.4	0.474	0.00445	383	0.0369	0.732	0.000283	0.00106	0.00155	1.26	0.0000543	0.00461	0.00352	0.00454	0.00131
2039 Aug	2610	7.37	22.8	0.137	860	0.162	406	0.0134	0.00142	0.0000151	0.951	0.0534	0.305	0.0489	0.0000366	131	0.0000859	0.00795	0.00287	0.00593	1.15	0.0000196	32.8	61.6	0.581	0.0057	465	0.0446	0.878	0.000292	0.00129	0.00197	1.54	0.0000652	0.00562	0.00381	0.00491	0.00168
2039 Sep	1630	4.3	13.3	0.0854	502	0.0998	287	0.0113	0.000972	0.00000976	0.947	0.0347	0.195	0.0309	0.0000259	92.4	0.0000532	0.00501	0.00257	0.00398	1.13	0.0000128	21	37.5	0.363	0.00405	271	0.0268	0.506	0.000216	0.000847	0.00134	0.937	0.0000395	0.00333	0.00306	0.00355	0.00113
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D.2: Open Pits, Natural Lakes and Collection Ponds

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	781	0.787	2.98	0.0571	288	0.0938	110	0.00104	0.000675	0.00000615	0.00697	0.00974	0.104	0.0192	0.00000737	31.9	0.000039	0.00164	0.000222	0.00155
Operation (2026-2036): Mean	1970	3.14	11.2	0.153	831	0.207	292	0.00271	0.00116	0.0000124	0.0116	0.0236	0.286	0.0476	0.0000616	82	0.0000698	0.00522	0.000553	0.0033
Operation (2026-2036): Max	2890	5.38	26	0.248	1250	0.294	452	0.00526	0.00204	0.0000184	0.0171	0.0524	0.394	0.0694	0.000172	111	0.0000908	0.00802	0.000754	0.00436
Active Closure (2037-2043): Min	76	0.0487	0.116	0.00383	16.5	0.0372	18.3	0.00176	0.000944	0.00000577	0.00631	0.00196	0.0216	0.015	0.00000594	16.2	0.0000113	0.000425	0.000136	0.000944
Active Closure (2037-2043): Mean	409	0.496	1.55	0.0267	117	0.0878	118	0.00539	0.00136	0.0000075	0.0103	0.00861	0.0998	0.0267	0.00000922	49.6	0.0000316	0.00203	0.00033	0.00192
Active Closure (2037-2043): Max	2500	3.38	10.9	0.176	941	0.28	444	0.0121	0.00187	0.0000109	0.0135	0.0211	0.396	0.0485	0.0000235	111	0.0000908	0.00716	0.00069	0.00423
Post Closure (2044-2119): Min	111	0.0511	0.015	0.00214	14.9	0.0515	31.8	0.00177	0.00116	0.00000613	0.00873	0.00251	0.044	0.0235	0.00000643	25.4	0.0000246	0.000974	0.000262	0.00147
Post Closure (2044-2119): Mean	141	0.0761	0.0726	0.00333	20.5	0.0623	45.5	0.0022	0.00145	0.00000764	0.0111	0.00323	0.0602	0.0345	0.00000802	36.3	0.0000346	0.00148	0.000466	0.00185
Post Closure (2044-2119): Max	207	0.137	0.359	0.0109	36.1	0.0724	73.6	0.00492	0.00171	0.00000907	0.0131	0.00568	0.0758	0.0464	0.00000951	46.1	0.0000437	0.00191	0.000674	0.00226
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	1490	3.72	21.4	0.153	719	0.18	228	0.00304	0.000793	0.00000961	0.00814	0.0217	0.245	0.0348	0.0000194	64.8	0.0000585	0.00488	0.00045	0.00294
2026 Feb	1410	3.52	22.8	0.146	680	0.17	216	0.00288	0.00075	0.0000091	0.00769	0.0205	0.232	0.0329	0.0000184	61.3	0.0000554	0.00462	0.000425	0.00278
2026 Mar	1340	3.35	24.1	0.141	646	0.162	205	0.00273	0.000712	0.00000865	0.0073	0.022	0.22	0.0313	0.0000175	58.2	0.0000526	0.00438	0.000404	0.00264
2026 Apr	1290	3.2	25.4	0.136	617	0.155	195	0.0026	0.00068	0.00000826	0.00697	0.0323	0.21	0.0299	0.0000167	55.6	0.0000503	0.00419	0.000386	0.00252
2026 May	1300	3.11	26	0.148	622	0.167	198	0.00241	0.000675	0.00000853	0.00699	0.0408	0.218	0.0304	0.000017	55.4	0.0000523	0.00422	0.000391	0.00255
2026 Jun	1990	4.32	19.2	0.197	925	0.222	276	0.00379	0.0011	0.0000143	0.00999	0.034	0.301	0.051	0.0000674	81.9	0.0000746	0.00629	0.000587	0.00316
2026 Jul	1890	3.29	14	0.162	849	0.195	244	0.00293	0.00116	0.0000149	0.0105	0.0253	0.276	0.0536	0.000105	68.8	0.000064	0.00527	0.000552	0.00274
2026 Aug	1720	2.96	12.1	0.138	769	0.175	220	0.00273	0.00114	0.0000136	0.00988	0.0218	0.246	0.0483	0.0000904	63.7	0.0000561	0.00482	0.000505	0.00253
2026 Sep	2110	3.26	12.2	0.132	882	0.18	254	0.00317	0.00128	0.0000177	0.0118	0.0229	0.291	0.0646	0.000172	69.4	0.0000592	0.00547	0.000634	0.00285
2026 Oct	2640	4.25	15.7	0.164	1140	0.217	330	0.00378	0.00125	0.0000183	0.0125	0.0256	0.359	0.0694	0.000167	89	0.0000724	0.00749	0.000715	0.00336
2026 Nov	2550	4.4	18.1	0.164	1100	0.211	322	0.00397	0.00122	0.0000178	0.012	0.0255	0.348	0.0669	0.000158	88.1	0.0000709	0.00735	0.000696	0.00333
2026 Dec	2430	4.22	19.6	0.158	1050	0.202	307	0.00381	0.00117	0.000017	0.0114	0.0243	0.332	0.0638	0.00015	84.1	0.0000677	0.00701	0.000664	0.00318
2027 Jan	2320	4.03	21	0.152	1000	0.192	293	0.00363	0.00111	0.0000162	0.0109	0.0232	0.316	0.0608	0.000143	80.2	0.0000646	0.00668	0.000633	0.00303
2027 Feb	2230	3.86	22.1	0.147	960	0.184	280	0.00347	0.00106	0.0000155	0.0104	0.0222	0.303	0.0582	0.000137	76.7	0.0000619	0.0064	0.000606	0.0029
2027 Mar	2140	3.71	23.2	0.143	921	0.177	269	0.00333	0.00102	0.0000149	0.00999	0.0213	0.291	0.0559	0.000131	73.7	0.0000594	0.00614	0.000581	0.00278
2027 Apr	2070	3.59	24.4	0.139	891	0.171	260	0.00322	0.000988	0.0000144	0.00966	0.0206	0.281	0.054	0.000127	71.2	0.0000575	0.00593	0.000562	0.00269
2027 May	2050	3.56	25.9	0.139	882	0.17	257	0.00316	0.000974	0.0000142	0.00957	0.0235	0.279	0.0531	0.000125	70.5	0.000057	0.0059	0.000565	0.00269
2027 Jun	1980	3.64	17.6	0.168	889	0.198	263	0.00324	0.00113	0.0000138	0.0102	0.0287	0.278	0.0491	0.0000795	75.7	0.0000674	0.00586	0.000546	0.00277
2027 Jul	1450	2.36	10.6	0.134	647	0.159	189	0.00219	0.00114	0.0000119	0.00979	0.0189	0.205	0.0395	0.0000626	55.9	0.0000559	0.00375	0.000416	0.00212
2027 Aug	1300	1.37	5.73	0.073	543	0.109	163	0.00165	0.00114	0.000011	0.0102	0.0135	0.159	0.0367	0.0000848	45.5	0.0000444	0.00243	0.00037	0.00185
2027 Sep	2320	2.23	8.01	0.0997	965	0.156	299	0.00211	0.00116	0.0000141	0.0125	0.0174	0.27	0.0518	0.000141	73.2	0.0000614	0.00426	0.000566	0.00299
2027 Oct	2770	3.96	12	0.129	1180	0.181	377	0.00379	0.0013	0.000017	0.0136	0.0231	0.323	0.062	0.00017	99.3	0.0000717	0.00539	0.000693	0.00384
2027 Nov	2790	4.81	13.8	0.145	1200	0.191	383	0.00466	0.00139	0.0000177	0.0138	0.0257	0.334	0.0633	0.00016	106	0.0000754	0.0059	0.000715	0.0041
2027 Dec	2800	4.98	14.2	0.15	1210	0.195	386	0.0048	0.00139	0.0000178	0.0138	0.0262	0.338	0.0636	0.000158	107	0.0000765	0.00602	0.00072	0.00416
2028 Jan	2800	4.99	14.3	0.151	1210	0.196	386	0.00482	0.0014	0.0000179	0.0138	0.0262	0.339	0.0637	0.000157	108	0.0000767	0.00604	0.000721	0.00417
2028 Feb	2800	4.99	14.3	0.152	1210	0.197	385	0.00481	0.0014	0.0000179	0.0138	0.0262	0.339	0.0637	0.000157	107	0.0000768	0.00604	0.00072	0.00417
2028 Mar	2800	4.99	14.3	0.152	1210	0.197	385	0.00481	0.00139	0.0000179	0.0138	0.0262	0.339	0.0637	0.000157	107	0.0000768	0.00604	0.00072	0.00417
2028 Apr	2820	5.03	14.4	0.154	1220	0.199	388	0.00484	0.00141	0.000018	0.0139	0.0264	0.342	0.0642	0.000158	108	0.0000775	0.00608	0.000726	0.0042
2028 May	2890	5.11	14.9	0.168	1250	0.215	400	0.00481	0.00142	0.0000184	0.0142	0.0324	0.359	0.0658	0.000156	110	0.0000814	0.00636	0.000742	0.00436
2028 Jun	2630	5.2	13.9	0.168	1170	0.208	380	0.00526	0.00134	0.0000139	0.012	0.0519	0.312	0.0483	0.0000543	111	0.0000845	0.00665	0.000631	0.00397
2028 Jul	1430	2.39	7.25	0.121	623	0.151	204	0.00244	0.00113	0.00000961	0.00951	0.0247	0.185	0.0308	0.0000217	59.7	0.0000572	0.00332	0.000362	0.00236
2028 Aug	1030	1.42	4.75	0.0861	432	0.122	150	0.00171	0.00113	0.00000815	0.00933	0.0219	0.139	0.0259	0.0000135	44.7	0.0000469	0.00227	0.0003	0.00203
2028 Sep	1260	1.42	4.91	0.0923	519	0.16	180	0.00238	0.00204	0.0000126	0.0169	0.0438	0.173	0.0445	0.0000161	64.2	0.0000695	0.00311	0.000517	0.00292
2028 Oct	2120	2.71	9.25	0.167	930	0.249	306	0.00257	0.0018	0.0000136	0.0171	0.0371	0.301	0.053	0.0000184	92.5	0.000087	0.00596	0.000612	0.00376
2028 Nov	2160	3.63	11.1	0.176	951	0.249	311	0.00359	0.00182	0.0000144	0.0167	0.0377	0.308	0.0542	0.0000207	98.4	0.0000881	0.00633	0.000632	0.00398
2028 Dec	2170	3.71	11.3	0.178	957	0.25	313	0.00368	0.00183	0.0000145	0.0167	0.0378	0.31	0.0545	0.000021	99.3	0.0000886	0.00639	0.000636	0.004
2029 Jan	2170	3.72	11.4	0.178	957	0.251	313	0.00368	0.00183	0.0000145	0.0167	0.0378	0.31	0.0545	0.000021	99.3	0.0000886	0.00639	0.000636	0.004
2029 Feb	2170	3.72	11.4	0.179	957	0.251	313	0.00367	0.00182	0.0000145	0.0167	0.0378	0.31	0.0546	0.000021	99.2	0.0000887	0.00639	0.000636	0.004
2029 Mar	2170	3.72	11.4	0.179	957	0.251	314	0.00367	0.00182	0.0000145	0.0167	0.0378	0.31	0.0546	0.0000211	99.3	0.0000887	0.00639	0.000636	0.004
2029 Apr	2170	3.73	11.4	0.18	959	0.252	314	0.00368	0.00183	0.0000145	0.0167	0.0378	0.311	0.0547	0.0000211	99.4	0.0000889	0.0064	0.000637	0.00401
2029 May	2220	3.8	11.7	0.183	979	0.258	321	0.00373	0.00185	0.0000148	0.017	0.0391	0.319	0.0557	0.0000215	101	0.0000908	0.00658	0.000651	0.00412
2029 Jun	2470	2.46	8.51	0.152	1090	0.24	377	0.00193	0.00126	0.0000103	0.0138	0.0377	0.313	0.0433	0.000015	100	0.0000807	0.00595	0.000543	0.00345
2029 Jul	1200	1.37	5.17	0.116	510	0.156	176	0.00129	0.00115	0.00000879	0.00999	0.0166	0.17	0.0292	0.0000116	50.8	0.0000533	0.00268	0.000311	0.00202
2029 Aug	781	0.787	2.98	0.061	288	0.0938	110	0.00109	0.00101	0.00000657	0.00867	0.00974	0.104	0.0197	0.00000778	31.9	0.000039	0.00164	0.000222	0.00155
2029 Sep	965	0.912	3.22	0.0571	345	0.0952	141	0.00115	0.00095	0.00000615	0.00867	0.0109	0.118	0.0192	0.00000737	37.2	0.0000406	0.00188	0.000243	0.00175
2029 Oct	1320	2.83	8.3	0.11	548	0.149	195	0.00272	0.00113	0.00000914	0.0104	0.0234	0.195	0.0311	0.0000133	61.4	0.0000549	0.00393	0.000385	0.00284
2029 Nov	1630	4.27	13.3	0.223	735	0.238	236	0.0031	0.00114	0.0000126	0.01	0.0236	0.279	0.0419	0.0000196	75.3	0.0000707	0.005	0.000458	0.00337
2029 Dec	1780	5.09	15	0.232	804	0.244	257	0.00405	0.00121	0.0000136	0.0103	0.0262	0.296	0.0447	0.000022	84.6	0.0000751	0.00561	0.000502	0.00367
2030 Jan	1790	5.14	15.2	0.234	808	0.245	259	0.0041	0.00122	0.0000137	0.0103	0.0263	0.297	0.045	0.0000222	85.2	0.0000755	0.00565	0.000505	0.00368
2030 Feb	1790	5.14	15.2	0.235	809	0.246	259	0.00409	0.00122	0.0000137	0.0103	0.0263	0.297	0.045	0.0000222	85.2	0.0000756	0.00565	0.000505	0.00368
2030 Mar	1790	5.14	15.2	0.236	811	0.247	259	0.0041	0.00122	0.0000137	0.0103	0.0263	0.298	0.0451	0.0000223	85.3	0.0000758	0.00566	0.000506	0.00369
2030 Apr	1800	5.16	15.3	0.237	814	0.248	260	0.00411	0.00122	0.0000138	0.0103	0.0264	0.3	0.0454	0.0000224	85.7	0.0000762	0.00568	0.000508	0.0037
2030 May	1880	5.38	15.9	0.248	849	0.259	271	0.00428	0.00127	0.0000144	0.0107	0.0471	0.313	0.0473	0.0000233	89.3	0.0000795	0.00593	0.00053	0.00386
2030 Jun	1810	2.33	7.91	0.157	773	0.208	276	0.00182	0.00113	0.0000106	0.0111	0.0336	0.254	0.0389	0.0000309	73.4	0.0000678	0.00438	0.000419	0.00269
2030 Jul	1340	1.47	5.41	0.122	534	0.162	184	0.00136	0.00115	0.0000102	0.0105	0.0223	0.188	0.0344	0.0000404	49.9	0.0000555	0.00276	0.000337	0.00208
2030 Aug	1230	1.25	4.65	0.0947	465	0.137	172	0.00125	0.00106	0.00000858	0.00991	0.0181	0.168	0.0285	0.0000288	45.2	0.0000502	0.00256	0.000308	0.00207
2030 Sep	1310	1.35	4.83	0.0901	487	0.136	184	0.00137	0.00107	0.00000867	0.0102	0.0193	0.176	0.0293	0.0000324	47.7	0.0000513	0.00276	0.000329	0.00222
2030 Oct	1380	1.79	5.99	0.102	540	0.148	191	0.00165	0.00109	0.00000957	0.0106	0.0236	0.196	0.0335	0.0000398	52.4	0.0000534	0.00333	0.000362	0.00241
2030 Nov	1530	2.7	8.41	0.134	626	0.172	212	0.00234	0.00114	0.0000108	0.0107	0.0252	0.225	0.0372	0.0000391	61.7	0.0000594	0.00397	0.000405	0.00276
2030 Dec	1580	2.96	8.99	0.139	650	0.175	219	0.00263	0.00117	0.0000112	0.0108	0.0259	0.231	0.0381	0.0000396	64.8	0.000061	0.00416	0.000419	0.00286
2031 Jan	1580	2.98	9.04	0.14	652	0.176	219	0.00264	0.00117	0.0000112	0.0108	0.0259	0.232	0.0382	0.0000396	65	0.0000612	0.00418	0.00042	0.00286

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	1580	2.98	9.05	0.14	652	0.177	219	0.00264	0.00117	0.0000112	0.0108	0.0259	0.232	0.0383	0.0000396	65	0.0000613	0.00418	0.00042	0.00286
2031 Mar	1590	2.98	9.07	0.141	653	0.177	220	0.00264	0.00117	0.0000112	0.0108	0.0259	0.232	0.0383	0.0000396	65	0.0000614	0.00418	0.00042	0.00287
2031 Apr	1600	3.02	9.17	0.143	660	0.179	222	0.00267	0.00118	0.0000114	0.0109	0.032	0.235	0.0387	0.00004	65.7	0.0000621	0.00423	0.000425	0.0029
2031 May	1660	3.13	9.75	0.157	690	0.195	231	0.0027	0.00125	0.0000121	0.0114	0.0524	0.25	0.0429	0.0000405	70	0.0000665	0.00449	0.000482	0.00311
2031 Jun	1390	1.89	6.99	0.163	578	0.199	203	0.00154	0.00123	0.0000115	0.0104	0.0236	0.219	0.0521	0.0000338	67	0.0000642	0.00361	0.000616	0.00254
2031 Jul	1260	1.26	4.76	0.106	492	0.148	178	0.00135	0.00119	0.0000106	0.0104	0.0207	0.178	0.0511	0.0000548	59	0.0000537	0.00277	0.000624	0.00238
2031 Aug	1550	1.42	5.34	0.109	607	0.163	227	0.00134	0.00116	0.0000105	0.0109	0.0222	0.212	0.0516	0.0000542	68	0.0000589	0.00346	0.000652	0.00271
2031 Sep	2700	2.14	8.18	0.148	1110	0.248	417	0.00125	0.000955	0.0000102	0.0124	0.0233	0.362	0.0529	0.0000458	104	0.0000822	0.00689	0.000698	0.00369
2031 Oct	2510	2.86	9.81	0.164	1070	0.256	389	0.00186	0.000921	0.0000103	0.0119	0.0211	0.364	0.0485	0.0000329	101	0.0000809	0.00748	0.000601	0.00363
2031 Nov	2500	3.69	11.7	0.178	1080	0.26	385	0.00279	0.00101	0.0000114	0.012	0.0229	0.368	0.0501	0.0000332	105	0.0000832	0.00773	0.000622	0.00388
2031 Dec	2510	3.77	11.9	0.18	1080	0.261	386	0.00289	0.00102	0.0000115	0.012	0.0231	0.369	0.0504	0.0000334	106	0.0000837	0.00777	0.000626	0.0039
2032 Jan	2510	3.78	11.9	0.181	1080	0.262	386	0.00289	0.00102	0.0000115	0.012	0.0231	0.369	0.0504	0.0000334	106	0.0000838	0.00777	0.000625	0.0039
2032 Feb	2510	3.78	11.9	0.181	1080	0.262	386	0.00288	0.00102	0.0000115	0.012	0.0231	0.369	0.0504	0.0000334	106	0.0000838	0.00777	0.000625	0.0039
2032 Mar	2510	3.78	11.9	0.181	1080	0.262	386	0.00288	0.00102	0.0000115	0.012	0.0231	0.37	0.0505	0.0000335	106	0.0000839	0.00777	0.000626	0.0039
2032 Apr	2530	3.8	12	0.182	1090	0.264	388	0.0029	0.00102	0.0000116	0.012	0.0232	0.371	0.0507	0.0000336	106	0.0000843	0.00781	0.000629	0.00392
2032 May	2590	3.89	12.3	0.187	1120	0.271	398	0.00296	0.00105	0.0000119	0.0124	0.0346	0.381	0.0522	0.0000344	109	0.0000866	0.00802	0.000648	0.00404
2032 Jun	2220	2.31	8.37	0.16	977	0.24	351	0.00162	0.00104	0.0000111	0.0119	0.0255	0.323	0.0465	0.0000473	90.7	0.000077	0.00597	0.000531	0.00311
2032 Jul	1570	1.49	5.63	0.117	643	0.171	224	0.00128	0.00107	0.0000104	0.0108	0.0148	0.225	0.038	0.000055	58.1	0.0000591	0.00358	0.000394	0.0023
2032 Aug	1340	1.13	4.46	0.0809	539	0.136	198	0.0011	0.00095	0.00000824	0.00985	0.0107	0.189	0.0298	0.0000435	50.1	0.0000502	0.003	0.000344	0.0022
2032 Sep	1650	1.22	4.95	0.0762	676	0.137	249	0.00116	0.000958	0.00000932	0.0107	0.0113	0.214	0.0348	0.0000773	59.2	0.0000526	0.00311	0.000411	0.00263
2032 Oct	2300	1.81	6.28	0.0902	951	0.15	341	0.0018	0.0012	0.0000141	0.013	0.0143	0.257	0.0525	0.000164	78.6	0.0000594	0.00273	0.000551	0.00317
2032 Nov	2330	2.42	8.19	0.121	976	0.177	345	0.00219	0.00123	0.0000147	0.0131	0.0159	0.282	0.054	0.00015	83.3	0.0000653	0.00348	0.000575	0.00347
2032 Dec	2300	2.79	9.66	0.159	980	0.208	341	0.00222	0.00121	0.0000151	0.0127	0.0162	0.303	0.0546	0.000134	84.3	0.0000702	0.00397	0.000577	0.00359
2033 Jan	2310	2.92	9.98	0.164	987	0.211	343	0.00236	0.00122	0.0000152	0.0127	0.0166	0.306	0.055	0.000133	85.5	0.0000712	0.00407	0.000583	0.00363
2033 Feb	2310	2.93	10	0.166	987	0.213	343	0.00236	0.00122	0.0000153	0.0127	0.0166	0.307	0.0551	0.000132	85.6	0.0000714	0.00408	0.000583	0.00363
2033 Mar	2310	2.95	10.1	0.167	990	0.214	344	0.00237	0.00122	0.0000153	0.0127	0.0167	0.308	0.0553	0.000132	85.8	0.0000717	0.0041	0.000584	0.00364
2033 Apr	2350	2.99	10.2	0.17	1010	0.218	349	0.0024	0.00124	0.0000156	0.0129	0.0169	0.313	0.0562	0.000134	87.2	0.0000729	0.00416	0.000594	0.00369
2033 May	2240	3.16	11.8	0.236	980	0.273	332	0.00213	0.00128	0.0000164	0.0125	0.0278	0.34	0.0618	0.000106	88.9	0.0000825	0.00471	0.00067	0.00383
2033 Jun	1640	2.04	8	0.184	697	0.23	255	0.00133	0.00114	0.0000122	0.0107	0.0179	0.273	0.0545	0.0000491	75.4	0.0000714	0.00437	0.000641	0.00286
2033 Jul	1580	1.46	5.54	0.115	624	0.171	228	0.00129	0.0011	0.0000112	0.0109	0.0156	0.232	0.0529	0.0000723	66.8	0.0000597	0.00359	0.000639	0.00263
2033 Aug	1610	1.29	5.1	0.0917	644	0.152	238	0.00125	0.0011	0.0000112	0.0113	0.0149	0.228	0.0546	0.0000952	68.1	0.0000569	0.00333	0.00068	0.00284
2033 Sep	2300	1.58	6.25	0.105	924	0.185	350	0.00127	0.00109	0.0000138	0.0131	0.015	0.308	0.0644	0.000154	86.6	0.0000671	0.00428	0.000754	0.00343
2033 Oct	2220	3	10.6	0.197	932	0.262	345	0.00188	0.00103	0.0000137	0.0118	0.0171	0.356	0.0576	0.0000862	90.5	0.0000788	0.00601	0.000636	0.0036
2033 Nov	2330	4.29	13.5	0.222	995	0.274	358	0.00321	0.00113	0.0000151	0.0119	0.0211	0.372	0.0598	0.0000808	100	0.0000842	0.00668	0.00067	0.00397
2033 Dec	2350	4.44	13.9	0.224	1010	0.275	361	0.00339	0.00115	0.0000152	0.0119	0.0216	0.375	0.0602	0.0000808	102	0.000085	0.00679	0.000677	0.00402
2034 Jan	2350	4.44	13.9	0.224	1010	0.276	361	0.0034	0.00115	0.0000153	0.0119	0.0216	0.375	0.0602	0.0000808	102	0.0000851	0.00679	0.000677	0.00402
2034 Feb	2350	4.44	13.9	0.224	1010	0.276	361	0.00339	0.00115	0.0000153	0.0119	0.0216	0.375	0.0602	0.0000807	102	0.0000851	0.00679	0.000677	0.00402
2034 Mar	2350	4.45	13.9	0.225	1010	0.276	361	0.0034	0.00115	0.0000153	0.0119	0.0216	0.375	0.0603	0.0000807	102	0.0000851	0.00679	0.000677	0.00402
2034 Apr	2370	4.49	14	0.227	1010	0.279	365	0.00343	0.00116	0.0000154	0.012	0.0218	0.379	0.0608	0.0000814	103	0.0000859	0.00685	0.000684	0.00406
2034 May	2380	4.52	14.4	0.244	1030	0.294	366	0.00338	0.00122	0.0000161	0.0123	0.0367	0.387	0.0638	0.0000797	105	0.0000893	0.0069	0.000719	0.00414
2034 Jun	1670	2.39	8.68	0.19	704	0.238	260	0.0017	0.00113	0.0000123	0.0105	0.019	0.278	0.0549	0.0000425	79.3	0.0000722	0.00461	0.00065	0.00296
2034 Jul	1540	1.52	5.57	0.112	591	0.174	230	0.00131	0.00103	0.00000973	0.0104	0.0149	0.227	0.0479	0.0000448	68.4	0.0000586	0.00368	0.000612	0.00269
2034 Aug	1560	1.31	5.11	0.0885	612	0.157	240	0.00124	0.00105	0.00000967	0.0111	0.014	0.224	0.049	0.0000646	69.9	0.0000559	0.0034	0.000652	0.00297
2034 Sep	2160	1.54	6.19	0.103	847	0.197	350	0.00114	0.000989	0.0000114	0.0126	0.0138	0.309	0.0557	0.000105	87.9	0.0000675	0.00473	0.000704	0.00355
2034 Oct	1740	2.34	7.85	0.133	691	0.207	279	0.00178	0.000936	0.0000102	0.0108	0.0141	0.28	0.0436	0.0000458	76.1	0.000064	0.00513	0.000508	0.0031
2034 Nov	1750	3.29	9.85	0.145	715	0.207	275	0.00291	0.00104	0.0000112	0.0108	0.0168	0.278	0.0445	0.0000424	81.4	0.0000659	0.00544	0.000523	0.00331
2034 Dec	1770	3.4	10.1	0.147	724	0.208	278	0.00302	0.00105	0.0000113	0.0109	0.0171	0.281	0.0449	0.0000426	82.5	0.0000666	0.00552	0.000528	0.00335
2035 Jan	1770	3.4	10.1	0.147	725	0.208	278	0.00303	0.00105	0.0000113	0.0109	0.0171	0.281	0.045	0.0000426	82.5	0.0000667	0.00552	0.000528	0.00335
2035 Feb	1770	3.4	10.1	0.147	725	0.209	278	0.00302	0.00105	0.0000113	0.0109	0.0171	0.281	0.045	0.0000426	82.5	0.0000667	0.00552	0.000528	0.00335
2035 Mar	1770	3.4	10.1	0.148	725	0.209	278	0.00302	0.00105	0.0000113	0.0109	0.0171	0.281	0.045	0.0000426	82.6	0.0000668	0.00552	0.000529	0.00335
2035 Apr	1780	3.43	10.2	0.149	731	0.211	280	0.00305	0.00106	0.0000114	0.0109	0.0173	0.283	0.0454	0.0000429	83.2	0.0000673	0.00556	0.000533	0.00338
2035 May	1840	3.54	10.6	0.156	755	0.219	289	0.00314	0.00111	0.0000119	0.0114	0.0255	0.294	0.0476	0.0000442	86.3	0.00007	0.00575	0.000561	0.00351
2035 Jun	1430	2.17	7.91	0.178	594	0.222	227	0.00167	0.00113	0.0000114	0.0102	0.0173	0.249	0.0443	0.0000278	67.8	0.0000681	0.00408	0.000494	0.00261
2035 Jul	1180	1.23	4.59	0.0982	434	0.146	174	0.00124	0.00104	0.00000849	0.00964	0.0126	0.174	0.0332	0.0000227	51.3	0.000052	0.00253	0.000412	0.00218
2035 Aug	1230	0.974	3.88	0.0711	451	0.13	195	0.00108	0.000974	0.00000758	0.00986	0.012	0.174	0.0316	0.00003	53.5	0.0000496	0.00252	0.000428	0.00237
2035 Sep	1900	1.43	5.59	0.0926	709	0.194	336	0.00104	0.00084	0.00000791	0.0111	0.0117	0.287	0.0365	0.0000369	81.4	0.0000657	0.00476	0.000518	0.00327
2035 Oct	1910	2.82	8.51	0.112	749	0.207	336	0.00254	0.000999	0.00000954	0.0118	0.0171	0.303	0.0407	0.0000305	91.3	0.0000701	0.00595	0.000539	0.00358
2035 Nov	1980	3.91	11.8	0.169	823	0.24	331	0.00319	0.00106	0.0000115	0.0116	0.0198	0.33	0.0448	0.0000299	95.2	0.0000766	0.00646	0.000563	0.00391
2035 Dec	2060	4.39	12.9	0.178	864	0.245	341	0.0037	0.0011	0.0000121	0.0116	0.0214	0.34	0.0464	0.0000311	100	0.0000792	0.00676	0.000585	0.00406
2036 Jan	2070	4.43	13	0.18	867	0.246	342	0.00374	0.00111	0.0000122	0.0116	0.0215	0.34	0.0466	0.0000312	100	0.0000795	0.00678	0.000587	0.00408
2036 Feb	2070	4.43	13	0.18	868	0.247	342	0.00374	0.00111	0.0000122	0.0116	0.0215	0.341	0.0467	0.0000312	100	0.0000795	0.00678	0.000587	0.00407
2036 Mar	2070	4.43	13	0.181	868	0.247	342	0.00374	0.00111	0.0000122	0.0116	0.0214	0.341	0.0467	0.0000312	100	0.0000796	0.00678	0.000587	0.00407
2036 Apr	2090	4.47	13.1	0.183	877	0.25	345	0.00377	0.00112	0.0000124	0.0118	0.0282	0.345	0.0474	0.0000315	102	0.0000805	0.00686	0.000597	0.00412
2036 May	2190	4.69	13.8	0.192	918	0.262	361	0.00394	0.00118	0.000013	0.0123	0.0471	0.362	0.0502	0.0000329	107	0.0000845	0.0072	0.000636	0.00434
2036 Jun	1910	2.22	7.59	0.139	746	0.23	348	0.00172	0.000985	0.00000965	0.0114	0.0249	0.311	0.0402	0.0000238	89.9	0.0000757	0.00553	0.000517	0.00322
2036 Jul	1660	1.58	5.69	0.11	595	0.189	278	0.00133	0.000964	0.00000843	0.0106	0.0181	0.251	0.0322	0.0000173	70.3	0.000065	0.00402	0.000425	0.00275
2036 Aug	1630	1.35	5.22	0.0929	599	0.173	281	0.00121	0.000947	0.00000752	0.0107	0.0158	0.236	0.0277	0.0000159	69.3	0.0000624	0.00339	0.000418	0.00296
2036 Sep	2210	1.48	5.75	0.0966	797	0.201	397	0.00109	0.000854	0.00000727	0.0113	0.0152	0.296	0.0294	0.0000196	90.6	0.0000724	0.00416	0.000495	0.00355
2036 Oct	2470	2.35	8.08	0.133	885	0.256	452	0.00164	0.000855	0.00000894	0.0121	0.0189	0.377	0.0394	0.0000209	107	0.0000856	0.00665	0.000574	0.00393
2036 Nov	2490	3.07	10	0.16	924	0.271	448	0.00224	0.000918	0.0000102	0.0122	0.0206	0.39	0.0425	0.0000226	110	0.0000891	0.00705	0.0006	0.00416
2036 Dec	2490	3.32	10.8	0.175	936	0.279	443	0.00242	0.000939	0.0000108	0.012	0.021	0.394	0.0438	0.0000233	110	0.0000903	0.00713	0.000605	0.0042
2037 Jan	2490	3.36	10.9	0.175	937	0.279	442	0.00246	0.000944	0.0000108	0.012	0.021	0.394	0.044	0.0000234	111	0.0000904	0.00714	0.000608	0.00421
2037 Feb	2480	3.36	10.8	0.175	935	0.278	441	0.00246	0.000944	0.0000108	0.012	0.021	0.393	0.0441	0.0000233	110	0.0000903	0.00712	0.00061	0.0042
2037 Mar	2480	3.36	10.9	0.175	936	0.279	442	0.00246	0.000946	0.0000108	0.012	0.021	0.394	0.0442	0.0000234	111	0.0000904	0.00713	0.000612	0.00421
2037 Apr	2500	3.38	10.9	0.176	941	0.28	444	0.00248	0.000952	0.0000109	0.0121	0.0211	0.396	0.0445	0.0000235	111	0.0000908	0.00716	0.000616	0.00423
2037 May	2150	2.89	9.3	0.15	806	0.244	380	0.00236	0.00106	0.0000105	0.012	0.0185	0.339	0.0485	0.0000213	103	0.0000828	0.00623	0.00069	0.00393
2037 Jun	926	1.23	3.88	0.0616	339	0.118	160	0.00189	0.00126	0.00000842	0.0108	0.0104	0.15	0.0449	0.0000126	62.8	0.0000519	0.00297	0.000651	0.00252

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	205	0.337	0.949	0.0114	69.1	0.0477	37.1	0.00176	0.0011	0.00000581	0.00782	0.0143	0.0409	0.0233	0.00000638	25.9	0.0000234	0.0009	0.000291	0.00126
2037 Aug	161	0.316	0.824	0.0079	52.3	0.0441	30.9	0.00196	0.00112	0.00000578	0.00812	0.0188	0.0359	0.0238	0.00000606	25.9	0.0000229	0.000839	0.0003	0.00124
2037 Sep	230	0.643	1.45	0.0104	75.5	0.0459	51.7	0.00346	0.00117	0.00000598	0.00862	0.0203	0.0432	0.0243	0.0000065	33	0.0000247	0.00095	0.000315	0.00128
2037 Oct	312	0.736	1.92	0.017	109	0.0833	68	0.00337	0.00143	0.00000761	0.0123	0.0127	0.0748	0.0288	0.00000823	39	0.0000321	0.00166	0.000324	0.002
2037 Nov	323	0.769	1.99	0.0177	113	0.0886	70.6	0.00348	0.00149	0.00000791	0.0129	0.0112	0.078	0.0294	0.00000855	40.2	0.0000329	0.00172	0.000321	0.00209
2037 Dec	323	0.764	1.98	0.0177	113	0.0888	70.5	0.00345	0.00148	0.00000788	0.0129	0.011	0.0782	0.0293	0.00000853	40	0.0000328	0.00173	0.00032	0.00209
2038 Jan	321	0.76	1.97	0.0176	113	0.0884	70.1	0.00343	0.00148	0.00000787	0.0128	0.011	0.0778	0.0294	0.0000085	40	0.0000327	0.00172	0.000322	0.00209
2038 Feb	321	0.758	1.96	0.0176	112	0.0882	69.9	0.00343	0.00148	0.00000786	0.0128	0.0109	0.0775	0.0295	0.00000849	40.1	0.0000327	0.00172	0.000325	0.00209
2038 Mar	321	0.757	1.96	0.0175	112	0.0881	69.8	0.00342	0.00148	0.00000786	0.0128	0.0109	0.0774	0.0297	0.00000849	40.1	0.0000327	0.00172	0.000328	0.00209
2038 Apr	325	0.766	1.98	0.0177	114	0.0891	70.6	0.00346	0.0015	0.00000796	0.0129	0.0111	0.0783	0.0302	0.0000086	40.7	0.0000331	0.00174	0.000334	0.00212
2038 May	319	0.713	1.81	0.0164	109	0.0862	66.1	0.0034	0.00162	0.00000852	0.0135	0.0105	0.0735	0.0383	0.0000091	45.7	0.0000356	0.0017	0.000473	0.00225
2038 Jun	144	0.172	0.327	0.00424	38.5	0.0372	19.6	0.00176	0.00141	0.00000713	0.01	0.00351	0.0241	0.0456	0.00000724	39.7	0.000031	0.000771	0.000672	0.00163
2038 Jul	122	0.13	0.26	0.00419	30.3	0.0373	21.6	0.00195	0.00126	0.00000635	0.00824	0.00369	0.022	0.0358	0.00000652	32.9	0.000023	0.000624	0.000505	0.00139
2038 Aug	246	0.347	1.02	0.014	65.8	0.0637	72.7	0.00451	0.00139	0.0000072	0.00858	0.0061	0.0602	0.0318	0.00000793	43.4	0.0000225	0.00133	0.000424	0.0017
2038 Sep	306	0.471	1.43	0.019	85.5	0.0735	96	0.00527	0.00127	0.00000672	0.0089	0.0067	0.0809	0.0271	0.0000077	45.8	0.0000245	0.00175	0.000354	0.00179
2038 Oct	255	0.416	1.16	0.0154	73.2	0.0731	75.5	0.00409	0.00122	0.00000644	0.00992	0.00515	0.0692	0.0245	0.00000718	38.6	0.0000249	0.00149	0.000282	0.00171
2038 Nov	282	0.466	1.3	0.0172	80.4	0.0785	85.4	0.00465	0.00129	0.0000068	0.0105	0.00575	0.0763	0.0255	0.00000765	42.1	0.0000267	0.00163	0.000293	0.00182
2038 Dec	282	0.465	1.3	0.0173	80.9	0.0789	85.2	0.00459	0.00128	0.00000679	0.0105	0.0057	0.0768	0.0254	0.00000764	41.9	0.0000267	0.00164	0.000293	0.00183
2039 Jan	282	0.464	1.3	0.0172	80.9	0.0788	84.9	0.00456	0.00128	0.00000678	0.0105	0.00568	0.0767	0.0255	0.00000762	41.9	0.0000267	0.00164	0.000295	0.00183
2039 Feb	282	0.463	1.3	0.0172	80.9	0.0787	84.7	0.00455	0.00128	0.00000678	0.0105	0.00567	0.0766	0.0257	0.00000762	42	0.0000267	0.00165	0.000299	0.00183
2039 Mar	283	0.464	1.3	0.0173	81.2	0.0789	84.9	0.00456	0.00128	0.0000068	0.0105	0.00569	0.0768	0.026	0.00000764	42.2	0.0000268	0.00165	0.000303	0.00184
2039 Apr	287	0.471	1.32	0.0175	82.3	0.0799	86.1	0.00462	0.0013	0.0000069	0.0107	0.00577	0.0778	0.0265	0.00000775	42.9	0.0000272	0.00167	0.00031	0.00187
2039 May	310	0.506	1.42	0.0188	88.9	0.086	92.6	0.00495	0.0014	0.00000744	0.0115	0.0062	0.084	0.0288	0.00000835	46.4	0.0000295	0.00181	0.00034	0.00202
2039 Jun	147	0.147	0.557	0.00804	40.1	0.0515	30.8	0.00212	0.00155	0.00000803	0.0122	0.00247	0.0467	0.0208	0.00000828	23.3	0.0000382	0.00104	0.000216	0.00139
2039 Jul	76	0.0487	0.171	0.00391	16.5	0.0383	18.3	0.00182	0.00114	0.00000577	0.00717	0.00196	0.0216	0.015	0.00000594	16.2	0.0000175	0.000425	0.000136	0.000944
2039 Aug	125	0.103	0.338	0.00757	26.9	0.0521	42.2	0.00314	0.00117	0.00000596	0.00664	0.00345	0.036	0.0167	0.00000639	24.5	0.0000125	0.000684	0.000152	0.00111
2039 Sep	227	0.231	0.687	0.0151	46.9	0.0659	90.3	0.00578	0.00123	0.00000628	0.00817	0.00632	0.0649	0.0189	0.00000725	40.2	0.0000182	0.00126	0.000199	0.00139
2039 Oct	245	0.279	0.787	0.0161	54	0.0718	93.6	0.00568	0.00123	0.00000639	0.00947	0.00634	0.071	0.0204	0.00000737	42	0.0000225	0.00142	0.000218	0.00156
2039 Nov	266	0.301	0.882	0.0176	59.3	0.0753	102	0.00605	0.00125	0.00000652	0.0097	0.00679	0.0777	0.0209	0.0000076	44.4	0.0000237	0.00156	0.000229	0.00164
2039 Dec	266	0.301	0.885	0.0176	59.5	0.0755	101	0.00599	0.00125	0.00000652	0.00972	0.00674	0.0778	0.021	0.00000759	44.3	0.0000237	0.00157	0.000229	0.00164
2040 Jan	265	0.301	0.886	0.0175	59.6	0.0755	101	0.00596	0.00125	0.00000651	0.00972	0.00671	0.0778	0.0211	0.00000758	44.2	0.0000238	0.00157	0.000232	0.00165
2040 Feb	266	0.301	0.887	0.0175	59.8	0.0755	101	0.00593	0.00125	0.00000651	0.00971	0.0067	0.0778	0.0213	0.00000757	44.3	0.0000238	0.00158	0.000236	0.00165
2040 Mar	267	0.303	0.892	0.0176	60.2	0.0758	101	0.00595	0.00125	0.00000654	0.00974	0.00672	0.0781	0.0216	0.0000076	44.6	0.0000239	0.00158	0.00024	0.00166
2040 Apr	271	0.308	0.907	0.0179	61.3	0.077	103	0.00603	0.00127	0.00000664	0.0099	0.00682	0.0794	0.0221	0.00000772	45.4	0.0000243	0.00161	0.000246	0.00169
2040 May	289	0.321	0.939	0.0182	66.4	0.0805	104	0.00608	0.00142	0.00000741	0.0109	0.00706	0.0825	0.0293	0.00000848	50.9	0.0000282	0.00174	0.000364	0.00192
2040 Jun	114	0.0703	0.116	0.00383	22.6	0.0394	19.1	0.0024	0.00173	0.00000868	0.0125	0.0027	0.025	0.0338	0.00000882	31.7	0.0000384	0.000628	0.000434	0.00142
2040 Jul	209	0.144	0.651	0.0125	47.6	0.0652	64.9	0.00396	0.00166	0.00000864	0.0117	0.00463	0.0671	0.026	0.00000927	36	0.0000365	0.00148	0.000312	0.00173
2040 Aug	318	0.216	1	0.0217	65.6	0.0843	127	0.00718	0.00152	0.00000804	0.00968	0.0082	0.102	0.0237	0.00000938	51.3	0.0000286	0.00213	0.000296	0.00193
2040 Sep	375	0.269	1.12	0.0264	72.5	0.0894	161	0.00915	0.00141	0.00000746	0.00938	0.0103	0.119	0.0224	0.0000092	60.9	0.0000276	0.00242	0.000293	0.00195
2040 Oct	401	0.311	1.22	0.028	79.9	0.0992	170	0.00947	0.00151	0.00000804	0.0108	0.0107	0.128	0.0249	0.00000986	64.9	0.0000311	0.00262	0.000317	0.00217
2040 Nov	416	0.329	1.31	0.0289	85.2	0.103	173	0.00945	0.00152	0.00000815	0.0111	0.0108	0.134	0.0254	0.00000999	65.9	0.0000324	0.00277	0.000326	0.00227
2040 Dec	416	0.331	1.32	0.0289	85.7	0.104	173	0.00939	0.00152	0.00000814	0.0111	0.0107	0.134	0.0254	0.00000998	65.7	0.0000325	0.00278	0.000327	0.00227
2041 Jan	415	0.332	1.32	0.0289	85.8	0.104	172	0.00934	0.00151	0.00000812	0.0111	0.0107	0.134	0.0256	0.00000996	65.6	0.0000325	0.00278	0.000329	0.00228
2041 Feb	415	0.332	1.32	0.0288	85.9	0.103	172	0.00931	0.00151	0.00000812	0.011	0.0107	0.134	0.0257	0.00000995	65.6	0.0000325	0.00278	0.000332	0.00228
2041 Mar	416	0.333	1.33	0.0289	86.2	0.104	172	0.00933	0.00152	0.00000814	0.0111	0.0107	0.134	0.026	0.00000998	65.9	0.0000327	0.00279	0.000336	0.00229
2041 Apr	421	0.337	1.34	0.0292	87.3	0.105	174	0.00943	0.00153	0.00000824	0.0112	0.0108	0.136	0.0264	0.0000101	66.7	0.0000331	0.00282	0.000342	0.00232
2041 May	506	0.425	1.82	0.0346	115	0.127	199	0.00944	0.00158	0.00000886	0.0124	0.0115	0.173	0.0308	0.0000109	73.7	0.0000406	0.00375	0.000426	0.00288
2041 Jun	172	0.121	0.5	0.00961	38.5	0.0585	48.4	0.0032	0.0017	0.00000878	0.013	0.00361	0.0582	0.0228	0.00000924	29.8	0.0000412	0.00127	0.000247	0.00155
2041 Jul	121	0.0545	0.202	0.00611	22	0.0551	31.6	0.00314	0.00187	0.00000944	0.0127	0.00322	0.0371	0.0227	0.00000974	26.2	0.0000352	0.00074	0.000211	0.00143
2041 Aug	238	0.129	0.502	0.0157	38.5	0.0731	101	0.00677	0.00165	0.00000841	0.01	0.00728	0.0742	0.0221	0.0000095	45.2	0.0000253	0.00144	0.000235	0.00161
2041 Sep	415	0.242	0.95	0.0296	62.7	0.0928	199	0.0121	0.00159	0.00000824	0.00986	0.0131	0.13	0.0226	0.0000105	73.5	0.0000286	0.00254	0.000301	0.00196
2041 Oct	373	0.28	1.07	0.0255	70.4	0.0962	162	0.00878	0.00139	0.00000748	0.0102	0.01	0.125	0.0228	0.00000921	60.8	0.0000302	0.00259	0.000291	0.00209
2041 Nov	387	0.302	1.16	0.0263	76.4	0.102	165	0.00861	0.00141	0.00000765	0.0107	0.00999	0.133	0.0237	0.00000939	61.5	0.000032	0.00277	0.000303	0.00222
2041 Dec	389	0.306	1.18	0.0264	77.5	0.103	164	0.00852	0.0014	0.00000765	0.0107	0.00992	0.134	0.0238	0.00000938	61.4	0.0000322	0.0028	0.000304	0.00224
2042 Jan	388	0.306	1.18	0.0263	77.6	0.103	164	0.00848	0.0014	0.00000764	0.0107	0.00989	0.134	0.024	0.00000937	61.3	0.0000322	0.00281	0.000307	0.00225
2042 Feb	388	0.306	1.18	0.0263	77.6	0.102	163	0.00845	0.0014	0.00000764	0.0107	0.00986	0.133	0.0242	0.00000935	61.3	0.0000322	0.0028	0.000311	0.00225
2042 Mar	389	0.307	1.18	0.0263	77.9	0.103	164	0.00845	0.0014	0.00000765	0.0107	0.00987	0.134	0.0244	0.00000937	61.5	0.0000323	0.00281	0.000314	0.00226
2042 Apr	402	0.318	1.23	0.0272	80.8	0.106	169	0.00868	0.00144	0.00000788	0.0111	0.0102	0.138	0.0253	0.00000966	63.5	0.0000335	0.00292	0.000327	0.00234
2042 May	457	0.364	1.4	0.0302	94.1	0.12	187	0.00943	0.00168	0.00000917	0.0129	0.0112	0.157	0.033	0.0000111	73.5	0.0000399	0.00336	0.000446	0.00277
2042 Jun	157	0.102	0.337	0.00828	30.7	0.055	45.9	0.00349	0.00173	0.00000884	0.013	0.00379	0.0498	0.0245	0.00000929	31.4	0.0000395	0.00107	0.00027	0.00149
2042 Jul	108	0.0631	0.287	0.00577	23.9	0.0515	30.9	0.00208	0.00126	0.00000654	0.00811	0.00245	0.0388	0.017	0.00000682	20	0.0000211	0.000823	0.000162	0.00124
2042 Aug	180	0.102	0.305	0.0117	26.3	0.0587	81.2	0.00547	0.00114	0.00000577	0.00631	0.00587	0.056	0.0165	0.00000666	36.6	0.0000113	0.00104	0.000165	0.00114
2042 Sep	231	0.133	0.394	0.0156	31.5	0.064	111	0.00725	0.00118	0.00000596	0.00676	0.00774	0.0713	0.0171	0.00000719	45.8	0.0000137	0.00133	0.000188	0.00123
2042 Oct	226	0.15	0.452	0.0149	34.9	0.0659	104	0.00644	0.00113	0.0000058	0.00713	0.00704	0.0728	0.0173	0.00000693	43.1	0.0000157	0.00141	0.000192	0.00131
2042 Nov	230	0.156	0.477	0.0151	36.5	0.0675	105	0.0064	0.00113	0.00000585	0.00728	0.00703	0.0749	0.0176	0.00000699	43.4	0.0000163	0.00146	0.000195	0.00135
2042 Dec	231	0.157	0.482	0.0152	36.7	0.0677	105	0.00638	0.00113	0.00000586	0.0073	0.00702	0.0753	0.0177	0.00000699	43.4	0.0000164	0.00147	0.000196	0.00136
2043 Jan	231	0.157	0.484	0.0152	36.9	0.0678	105	0.00637	0.00113	0.00000586	0.0073	0.00702	0.0754	0.0177	0.00000699	43.4	0.0000164	0.00148	0.000197	0.00136
2043 Feb	231	0.157	0.483	0.0152	36.9	0.0678	105	0.00637	0.00113	0.00000586	0.0073	0.00701	0.0753	0.0178	0.00000699	43.4	0.0000164	0.00148	0.000198	0.00137
2043 Mar	231	0.157	0.483	0.0152	36.9	0.0678	105	0.00637	0.00113	0.00000586	0.00731	0.00702	0.0753	0.0178	0.00000699	43.5	0.0000164	0.00148	0.000199	0.00137
2043 Apr	234	0.159	0.489	0.0153	37.3	0.0686	106	0.00644	0.00115	0.00000593	0.00739	0.0071	0.0762	0.0181	0.00000707	44	0.0000166	0.00149	0.000202	0.00138
2043 May	244	0.167	0.503	0.0157	39.6	0.0711	108	0.0066	0.00123	0.00000634	0.00793	0.00733	0.0784	0.021	0.0000075	46.9	0.0000183	0.00156	0.000247	0.00149
2043 Jun	155	0.103	0.211	0.00702	28.4	0.0465	46.2	0.00348	0.00142	0.00000719	0.00978	0.00411	0.0393	0.0335	0.00000764	38.8	0.000028	0.000919	0.000455	0.00146
2043 Jul	158	0.102	0.223	0.00725	28.9	0.0495	47.1	0.00358	0.00152	0.0000077	0.0105	0.00418	0.0415	0.0336	0.00000816	39	0.0000301	0.000958	0.000447	0.00152
2043 Aug	186	0.112	0.262	0.00945	31.2	0.0542	64	0.00468	0.0016	0.00000807	0.0108	0.00532	0.0499	0.0342	0.00000873	44.4	0.0000309	0.00111	0.000458	0.00161
2043 Sep	204	0.122	0.315	0.0108	33.9	0.0577	73.5	0.00511	0.0016	0.00000812	0.0108	0.00582	0.057	0.034	0.00000887	46.7	0.0000314	0.00125	0.000458	0.00167
2043 Oct	206	0.131	0.344	0.0109	35.4	0.0601	74.2	0.005	0.00157	0.00000804	0.0109	0.00574	0.0596	0.0334	0.0000088	46.2	0.0000314	0.00131	0.000447	0.0017
2043 Nov	202	0.134	0.344	0.0106	35.3	0.0606	72.1	0.00482	0.00155	0.00000793	0.0108	0.00556	0.059	0.0328	0.00000867	45.1	0.0000309	0.0013	0.000433	0.00169

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	202	0.134	0.343	0.0106	35.3	0.0606	72	0.00481	0.00155	0.00000793	0.0108	0.00556	0.0589	0.0328	0.00000866	45	0.0000309	0.0013	0.000432	0.00169
2044 Jan	202	0.134	0.343	0.0106	35.3	0.0606	72	0.00481	0.00155	0.00000793	0.0108	0.00555	0.0589	0.0328	0.00000866	45	0.0000309	0.0013	0.000433	0.00169
2044 Feb	202	0.134	0.343	0.0106	35.3	0.0606	72.1	0.00482	0.00155	0.00000793	0.0108	0.00556	0.059	0.0328	0.00000866	45.1	0.0000309	0.0013	0.000433	0.00169
2044 Mar	202	0.134	0.343	0.0106	35.3	0.0607	72.2	0.00482	0.00155	0.00000794	0.0108	0.00557	0.059	0.0328	0.00000867	45.1	0.0000309	0.0013	0.000434	0.00169
2044 Apr	203	0.135	0.344	0.0107	35.4	0.0608	72.4	0.00484	0.00156	0.00000796	0.0109	0.00558	0.0591	0.0329	0.00000869	45.3	0.000031	0.0013	0.000435	0.0017
2044 May	207	0.137	0.35	0.0109	36.1	0.0619	73.6	0.00492	0.00158	0.0000081	0.0111	0.00568	0.0602	0.0336	0.00000885	46.1	0.0000316	0.00132	0.000444	0.00173
2044 Jun	160	0.102	0.248	0.00787	28.1	0.0522	51.2	0.00378	0.00155	0.00000786	0.011	0.00427	0.0463	0.029	0.00000836	36.6	0.0000321	0.00102	0.000365	0.00149
2044 Jul	151	0.0944	0.232	0.00733	26.8	0.0515	46.8	0.00357	0.00158	0.00000802	0.0113	0.004	0.0444	0.0281	0.00000848	34.7	0.0000331	0.000974	0.000344	0.00147
2044 Aug	164	0.105	0.284	0.00801	30	0.0563	51.4	0.00365	0.00162	0.00000829	0.0117	0.00418	0.0507	0.029	0.00000879	36.2	0.0000344	0.00112	0.000357	0.00158
2044 Sep	165	0.109	0.311	0.00806	31.2	0.0579	51.8	0.00347	0.00156	0.00000803	0.0113	0.00405	0.0532	0.0281	0.00000853	35.3	0.0000333	0.00118	0.000344	0.00158
2044 Oct	166	0.113	0.324	0.00815	31.8	0.0589	52.5	0.00343	0.00155	0.00000798	0.0113	0.00404	0.0546	0.028	0.00000848	35.2	0.0000332	0.00122	0.000342	0.0016
2044 Nov	167	0.114	0.326	0.00817	32	0.0593	52.6	0.00343	0.00155	0.00000799	0.0113	0.00404	0.0548	0.028	0.00000849	35.3	0.0000333	0.00122	0.000342	0.0016
2044 Dec	167	0.114	0.326	0.00818	32	0.0593	52.6	0.00343	0.00155	0.00000799	0.0113	0.00404	0.0549	0.028	0.00000849	35.3	0.0000333	0.00122	0.000342	0.0016
2045 Jan	167	0.114	0.326	0.00818	32	0.0593	52.6	0.00343	0.00155	0.00000799	0.0113	0.00404	0.0549	0.028	0.00000849	35.3	0.0000333	0.00122	0.000342	0.0016
2045 Feb	167	0.114	0.326	0.00818	32	0.0593	52.7	0.00343	0.00155	0.00000799	0.0113	0.00404	0.0549	0.028	0.00000849	35.3	0.0000333	0.00122	0.000342	0.0016
2045 Mar	167	0.114	0.327	0.00818	32	0.0593	52.7	0.00343	0.00155	0.00000799	0.0113	0.00404	0.0549	0.0281	0.00000849	35.3	0.0000333	0.00122	0.000342	0.0016
2045 Apr	167	0.114	0.327	0.0082	32.1	0.0594	52.8	0.00344	0.00155	0.000008	0.0114	0.00405	0.055	0.0281	0.0000085	35.4	0.0000333	0.00123	0.000343	0.00161
2045 May	169	0.115	0.33	0.00827	32.4	0.0599	53.3	0.00347	0.00156	0.00000808	0.0115	0.00409	0.0555	0.0284	0.00000858	35.7	0.0000336	0.00124	0.000346	0.00162
2045 Jun	160	0.108	0.325	0.00767	31.1	0.0584	49	0.00312	0.00154	0.000008	0.0115	0.00371	0.0549	0.0267	0.00000845	33	0.0000345	0.00123	0.00032	0.00158
2045 Jul	152	0.1	0.305	0.00722	29.6	0.057	45.5	0.00299	0.00156	0.00000806	0.0116	0.00352	0.0526	0.0259	0.00000849	31.5	0.000035	0.00118	0.000305	0.00155
2045 Aug	156	0.103	0.318	0.00743	30.5	0.0587	47.1	0.00304	0.00158	0.00000818	0.0118	0.0036	0.0545	0.0263	0.00000862	32.1	0.0000354	0.00122	0.00031	0.00158
2045 Sep	161	0.107	0.34	0.00769	31.7	0.0604	49.2	0.00304	0.00157	0.00000818	0.0118	0.00365	0.0575	0.0264	0.00000863	32.5	0.0000357	0.00129	0.000312	0.00162
2045 Oct	164	0.11	0.351	0.00785	32.4	0.0614	50.5	0.00307	0.00157	0.0000082	0.0118	0.00369	0.059	0.0265	0.00000866	32.8	0.0000359	0.00133	0.000314	0.00164
2045 Nov	165	0.11	0.354	0.0079	32.5	0.0616	50.8	0.00308	0.00158	0.00000821	0.0118	0.00371	0.0594	0.0265	0.00000867	32.9	0.000036	0.00133	0.000314	0.00164
2045 Dec	165	0.11	0.354	0.00791	32.5	0.0617	50.9	0.00308	0.00158	0.00000821	0.0118	0.00371	0.0595	0.0265	0.00000868	33	0.000036	0.00134	0.000314	0.00165
2046 Jan	165	0.11	0.354	0.00791	32.5	0.0617	50.9	0.00308	0.00158	0.00000821	0.0118	0.00371	0.0595	0.0265	0.00000868	33	0.000036	0.00134	0.000314	0.00165
2046 Feb	165	0.11	0.354	0.00791	32.5	0.0617	50.9	0.00308	0.00158	0.00000821	0.0118	0.00371	0.0595	0.0265	0.00000868	33	0.000036	0.00134	0.000315	0.00165
2046 Mar	165	0.11	0.355	0.00791	32.6	0.0617	50.9	0.00308	0.00158	0.00000821	0.0118	0.00372	0.0595	0.0265	0.00000868	33	0.0000361	0.00134	0.000315	0.00165
2046 Apr	165	0.111	0.356	0.00794	32.6	0.0618	51.1	0.00309	0.00158	0.00000823	0.0119	0.00372	0.0597	0.0266	0.0000087	33.1	0.0000361	0.00134	0.000316	0.00165
2046 May	167	0.112	0.359	0.00801	33	0.0624	51.6	0.00312	0.00159	0.0000083	0.012	0.00376	0.0603	0.0269	0.00000878	33.4	0.0000365	0.00136	0.000319	0.00167
2046 Jun	149	0.096	0.308	0.00692	29.2	0.0573	43.8	0.00279	0.00156	0.0000081	0.0118	0.00331	0.0538	0.025	0.0000085	30.1	0.0000361	0.00121	0.00029	0.00155
2046 Jul	135	0.0834	0.264	0.00615	26.2	0.054	38	0.00263	0.00158	0.00000815	0.0119	0.00304	0.0485	0.024	0.00000849	28	0.0000362	0.00108	0.00027	0.00147
2046 Aug	142	0.0878	0.286	0.00645	27.6	0.0566	40.5	0.00266	0.00159	0.00000825	0.012	0.00313	0.052	0.0243	0.00000861	28.7	0.0000367	0.00117	0.000275	0.00152
2046 Sep	144	0.0923	0.304	0.00655	28.5	0.0582	42	0.00259	0.00155	0.00000807	0.0117	0.00311	0.0547	0.024	0.00000844	28.6	0.000036	0.00123	0.000271	0.00154
2046 Oct	146	0.0968	0.314	0.00664	29.1	0.0595	43.1	0.00256	0.00153	0.000008	0.0117	0.00311	0.0562	0.0239	0.00000838	28.7	0.0000358	0.00127	0.00027	0.00156
2046 Nov	147	0.0984	0.319	0.0067	29.4	0.0601	43.7	0.00256	0.00153	0.000008	0.0117	0.00313	0.057	0.024	0.00000839	28.8	0.0000358	0.00129	0.000271	0.00158
2046 Dec	148	0.0986	0.32	0.00671	29.5	0.0602	43.8	0.00256	0.00153	0.00000801	0.0117	0.00313	0.0572	0.024	0.00000839	28.9	0.0000359	0.00129	0.000271	0.00158
2047 Jan	148	0.0986	0.32	0.00671	29.5	0.0602	43.8	0.00256	0.00153	0.000008	0.0117	0.00313	0.0572	0.024	0.00000839	28.9	0.0000359	0.00129	0.000271	0.00158
2047 Feb	148	0.0987	0.32	0.00671	29.5	0.0602	43.8	0.00256	0.00153	0.000008	0.0117	0.00314	0.0572	0.024	0.00000839	28.9	0.0000359	0.00129	0.000272	0.00158
2047 Mar	148	0.0988	0.321	0.00672	29.5	0.0603	43.9	0.00257	0.00153	0.00000801	0.0117	0.00314	0.0572	0.0241	0.0000084	28.9	0.0000359	0.00129	0.000272	0.00158
2047 Apr	148	0.0989	0.321	0.00673	29.6	0.0604	43.9	0.00257	0.00153	0.00000802	0.0118	0.00315	0.0573	0.0241	0.00000841	29	0.0000359	0.00129	0.000272	0.00158
2047 May	150	0.1	0.321	0.0067	30	0.0604	43.9	0.00256	0.00154	0.00000806	0.0118	0.00316	0.0573	0.025	0.00000844	29.7	0.0000361	0.0013	0.000289	0.00161
2047 Jun	148	0.101	0.278	0.00586	30.5	0.0557	39	0.00236	0.00153	0.00000795	0.0115	0.00309	0.051	0.0313	0.00000828	33.1	0.0000357	0.00123	0.000404	0.00166
2047 Jul	152	0.103	0.285	0.00603	31	0.0571	40.4	0.00243	0.00155	0.00000808	0.0117	0.00318	0.0525	0.0317	0.00000842	33.8	0.0000362	0.00126	0.000409	0.00169
2047 Aug	160	0.108	0.313	0.00642	32.8	0.0605	44	0.00249	0.00157	0.00000824	0.0119	0.00331	0.0574	0.0323	0.00000861	34.8	0.0000371	0.00138	0.000418	0.00177
2047 Sep	166	0.113	0.338	0.0067	34.1	0.0629	47	0.00247	0.00156	0.00000819	0.0118	0.00336	0.0617	0.0321	0.00000858	35.2	0.0000374	0.00148	0.000417	0.00182
2047 Oct	167	0.115	0.346	0.00677	34.4	0.0638	47.9	0.00245	0.00154	0.00000811	0.0118	0.00336	0.0631	0.0318	0.00000852	35.1	0.0000372	0.00151	0.000413	0.00183
2047 Nov	167	0.116	0.347	0.00677	34.4	0.0641	48.1	0.00244	0.00153	0.00000809	0.0118	0.00336	0.0634	0.0317	0.00000849	35	0.0000371	0.00151	0.000411	0.00183
2047 Dec	167	0.116	0.347	0.00678	34.4	0.0642	48.2	0.00244	0.00153	0.00000809	0.0118	0.00336	0.0635	0.0317	0.00000849	35	0.0000371	0.00152	0.000411	0.00183
2048 Jan	167	0.116	0.348	0.00678	34.4	0.0642	48.2	0.00244	0.00153	0.00000809	0.0118	0.00336	0.0635	0.0317	0.00000849	35.1	0.0000371	0.00152	0.000411	0.00183
2048 Feb	167	0.116	0.348	0.00678	34.4	0.0642	48.2	0.00245	0.00153	0.00000809	0.0118	0.00337	0.0635	0.0317	0.0000085	35.1	0.0000371	0.00152	0.000411	0.00183
2048 Mar	167	0.116	0.348	0.00679	34.5	0.0642	48.2	0.00245	0.00153	0.00000809	0.0118	0.00337	0.0635	0.0317	0.0000085	35.1	0.0000371	0.00152	0.000411	0.00183
2048 Apr	168	0.117	0.348	0.0068	34.5	0.0643	48.4	0.00245	0.00154	0.00000811	0.0118	0.00338	0.0636	0.0318	0.00000851	35.2	0.0000372	0.00152	0.000412	0.00184
2048 May	169	0.118	0.351	0.00686	34.8	0.0648	48.8	0.00248	0.00155	0.00000818	0.0119	0.00341	0.0642	0.0321	0.00000859	35.5	0.0000375	0.00153	0.000416	0.00185
2048 Jun	148	0.0988	0.287	0.00586	29.9	0.0585	40.3	0.0023	0.00154	0.00000805	0.0118	0.00302	0.055	0.0292	0.00000839	31.6	0.0000368	0.0013	0.000366	0.00168
2048 Jul	134	0.0852	0.243	0.00526	26.6	0.0548	35	0.00224	0.00157	0.00000812	0.0119	0.00281	0.0492	0.0275	0.00000841	29.3	0.0000368	0.00115	0.000332	0.00157
2048 Aug	140	0.0893	0.266	0.00552	27.9	0.058	38.3	0.00223	0.00155	0.00000811	0.0118	0.00288	0.0539	0.0274	0.00000842	29.8	0.0000367	0.00126	0.000332	0.00163
2048 Sep	143	0.0927	0.279	0.00565	28.5	0.0599	40.2	0.00221	0.00153	0.00000801	0.0117	0.0029	0.0568	0.0272	0.00000834	29.9	0.0000363	0.00133	0.000328	0.00165
2048 Oct	145	0.0948	0.284	0.00571	28.8	0.0606	41.2	0.0022	0.00151	0.00000795	0.0116	0.00292	0.0579	0.027	0.00000829	29.9	0.0000362	0.00135	0.000327	0.00166
2048 Nov	145	0.0955	0.286	0.00574	28.9	0.0609	41.5	0.00221	0.00151	0.00000795	0.0116	0.00293	0.0584	0.027	0.00000829	30	0.0000362	0.00136	0.000327	0.00167
2048 Dec	145	0.0956	0.286	0.00574	28.9	0.061	41.5	0.00221	0.00151	0.00000795	0.0116	0.00293	0.0584	0.027	0.00000829	30	0.0000362	0.00136	0.000327	0.00167
2049 Jan	145	0.0956	0.286	0.00574	28.9	0.061	41.5	0.00221	0.00151	0.00000795	0.0116	0.00293	0.0584	0.027	0.00000829	30	0.0000362	0.00136	0.000327	0.00167
2049 Feb	145	0.0956	0.286	0.00574	28.9	0.061	41.6	0.00221	0.00151	0.00000795	0.0116	0.00293	0.0584	0.027	0.00000829	30	0.0000362	0.00136	0.000327	0.00167
2049 Mar	146	0.0957	0.286	0.00575	28.9	0.061	41.6	0.00221	0.00151	0.00000795	0.0116	0.00293	0.0584	0.027	0.0000083	30	0.0000362	0.00137	0.000327	0.00167
2049 Apr	146	0.0959	0.287	0.00576	29	0.0611	41.7	0.00222	0.00151	0.00000797	0.0117	0.00294	0.0585	0.0271	0.00000831	30.1	0.0000363	0.00137	0.000328	0.00167
2049 May	147	0.0967	0.289	0.00581	29.2	0.0616	42.1	0.00224	0.00153	0.00000804	0.0118	0.00297	0.059	0.0274	0.00000839	30.4	0.0000366	0.00138	0.000331	0.00169
2049 Jun	128	0.0804	0.233	0.00492	25	0.055	34.3	0.00207	0.0015	0.00000784	0.0115	0.00262	0.0501	0.0251	0.00000812	27.1	0.0000356	0.00116	0.000294	0.00152
2049 Jul	122	0.0736	0.211	0.00467	23.5	0.0534	32	0.00207	0.00153	0.00000794	0.0117	0.00255	0.0475	0.0244	0.0000082	26.2	0.000036	0.00109	0.00028	0.00148
2049 Aug	129	0.0772	0.227	0.00495	24.6	0.0565	34.9	0.00215	0.00156	0.00000812	0.0119	0.00267	0.0512	0.025	0.0000084	27.2	0.0000367	0.00118	0.000287	0.00155
2049 Sep	134	0.0813	0.245	0.00513	25.5	0.0588	37.7	0.00213	0.00153	0.00000803	0.0118	0.00273	0.0552	0.0249	0.00000835	27.6	0.0000367	0.00127	0.000288	0.00159
2049 Oct	135	0.0835	0.25	0.00521	25.7	0.0596	38.9	0.00212	0.00151	0.00000795	0.0117	0.00275	0.0566	0.0247	0.00000827	27.6	0.0000364	0.00131	0.000286	0.0016
2049 Nov	136	0.0847	0.254	0.00527	26	0.0601	39.7	0.00213	0.00151	0.00000793	0.0117	0.00277	0.0575	0.0247	0.00000826	27.8	0.0000365	0.00133	0.000286	0.00161
2049 Dec	137	0.0849	0.254	0.00528	26	0.0602	39.8	0.00214	0.00151	0.00000793	0.0117	0.00278	0.0576	0.0247	0.00000826	27.8	0.0000365	0.00133	0.000286	0.00161
2050 Jan	137	0.0849	0.254	0.00528	26	0.0602	39.8	0.00214	0.00151	0.00000793	0.0117	0.00278	0.0576	0.0247	0.00000826	27.8	0.0000365	0.00133	0.000286	0.00161
2050 Feb	137	0.0849	0.254	0.00528	26	0.0602	39.8	0.00214	0.00151	0.00000793	0.0117	0.00278	0.0576	0.0247	0.00000826	27.9	0.0000365	0.00133	0.000287	0.00161
2050 Mar	137	0.085	0.254	0.00529	26	0.0602	39.9	0.00214	0.00151	0.00000793	0.0117	0.00278	0.0576	0.0248	0.00000826	27.9	0.0000365	0.00133	0.000287	0.00161
2050 Apr	137	0.0851	0.255	0.0053	26	0.0603	39.9	0.00215	0.00151	0.00000794	0.0117	0.00279	0.0577	0.0248	0.00000828	27.9	0.0000365	0.00133	0.000287	0.00161

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	138	0.0857	0.257	0.00534	26.2	0.0607	40.3	0.00216	0.00152	0.000008	0.0118	0.00281	0.0581	0.025	0.00000834	28.1	0.0000368	0.00134	0.00029	0.00163
2050 Jun	126	0.0761	0.218	0.00474	23.7	0.0561	34.6	0.00207	0.00152	0.00000794	0.0117	0.0026	0.0514	0.0242	0.00000822	26.5	0.0000363	0.00118	0.000276	0.00153
2050 Jul	119	0.0689	0.195	0.00445	22.1	0.0539	31.8	0.00206	0.00153	0.00000797	0.0117	0.00251	0.0479	0.0235	0.00000823	25.4	0.0000362	0.00109	0.000262	0.00147
2050 Aug	123	0.0708	0.205	0.00464	22.7	0.056	34	0.00211	0.00155	0.00000805	0.0118	0.0026	0.0506	0.0238	0.00000833	26	0.0000364	0.00116	0.000266	0.00151
2050 Sep	128	0.0737	0.217	0.00482	23.4	0.0579	36.5	0.00212	0.00154	0.00000805	0.0118	0.00267	0.0538	0.0239	0.00000835	26.6	0.0000367	0.00123	0.000269	0.00155
2050 Oct	130	0.0753	0.222	0.00494	23.8	0.0589	37.9	0.00217	0.00154	0.00000808	0.0119	0.00273	0.0553	0.024	0.00000839	27	0.000037	0.00127	0.000271	0.00158
2050 Nov	132	0.0759	0.225	0.00501	23.9	0.0593	38.6	0.00219	0.00155	0.0000081	0.0119	0.00276	0.056	0.0241	0.00000842	27.2	0.0000371	0.00128	0.000272	0.00158
2050 Dec	132	0.076	0.225	0.00502	23.9	0.0593	38.7	0.00219	0.00155	0.0000081	0.0119	0.00277	0.0561	0.0241	0.00000842	27.2	0.0000371	0.00128	0.000272	0.00159
2051 Jan	132	0.0761	0.225	0.00502	24	0.0594	38.7	0.00219	0.00155	0.0000081	0.0119	0.00277	0.0561	0.0241	0.00000842	27.2	0.0000371	0.00129	0.000273	0.00159
2051 Feb	132	0.0761	0.225	0.00502	24	0.0594	38.7	0.0022	0.00155	0.0000081	0.0119	0.00277	0.0561	0.0241	0.00000842	27.2	0.0000371	0.00129	0.000273	0.00159
2051 Mar	132	0.0761	0.225	0.00503	24	0.0594	38.8	0.0022	0.00155	0.0000081	0.0119	0.00277	0.0561	0.0241	0.00000842	27.2	0.0000371	0.00129	0.000273	0.00159
2051 Apr	132	0.0763	0.226	0.00504	24	0.0595	38.9	0.0022	0.00155	0.00000812	0.0119	0.00278	0.0563	0.0242	0.00000844	27.3	0.0000372	0.00129	0.000273	0.00159
2051 May	135	0.0777	0.231	0.00511	24.5	0.0604	39.8	0.00222	0.00156	0.00000819	0.012	0.00282	0.0576	0.0246	0.00000852	27.8	0.0000376	0.00132	0.000281	0.00162
2051 Jun	126	0.0704	0.195	0.00439	22.9	0.0553	34.5	0.00202	0.00152	0.00000797	0.0117	0.0026	0.0517	0.0256	0.00000825	27.3	0.0000371	0.00121	0.000305	0.00156
2051 Jul	124	0.0673	0.184	0.00436	22.3	0.0552	33.8	0.0021	0.00158	0.00000821	0.0121	0.00263	0.0508	0.0257	0.00000849	27.3	0.000038	0.00118	0.000301	0.00156
2051 Aug	130	0.0701	0.2	0.00454	23.1	0.0583	37.1	0.00209	0.00156	0.00000815	0.0119	0.0027	0.0554	0.0256	0.00000846	27.8	0.0000377	0.00129	0.000301	0.00161
2051 Sep	130	0.0733	0.203	0.00453	23.2	0.0595	38.2	0.00204	0.00151	0.00000796	0.0117	0.00269	0.0569	0.0251	0.00000827	27.6	0.0000367	0.00132	0.000294	0.00161
2051 Oct	124	0.0774	0.191	0.00428	22.3	0.0586	36.6	0.00194	0.00144	0.00000757	0.0112	0.00257	0.0544	0.0241	0.00000787	26.5	0.0000345	0.00126	0.000277	0.00156
2051 Nov	125	0.0783	0.192	0.00431	22.4	0.0589	37	0.00194	0.00144	0.00000756	0.0112	0.00258	0.0548	0.0241	0.00000786	26.6	0.0000344	0.00127	0.000277	0.00157
2051 Dec	125	0.0784	0.192	0.00431	22.4	0.059	37.1	0.00194	0.00144	0.00000756	0.0112	0.00258	0.0549	0.0241	0.00000787	26.6	0.0000345	0.00127	0.000277	0.00157
2052 Jan	125	0.0784	0.192	0.00431	22.4	0.059	37.1	0.00195	0.00144	0.00000756	0.0112	0.00258	0.0549	0.0241	0.00000787	26.7	0.0000345	0.00127	0.000277	0.00157
2052 Feb	125	0.0784	0.192	0.00432	22.4	0.059	37.2	0.00195	0.00144	0.00000756	0.0112	0.00259	0.0549	0.0241	0.00000787	26.7	0.0000345	0.00127	0.000277	0.00157
2052 Mar	125	0.0785	0.192	0.00433	22.5	0.059	37.2	0.00195	0.00144	0.00000757	0.0113	0.00259	0.055	0.0241	0.00000787	26.7	0.0000345	0.00127	0.000278	0.00157
2052 Apr	126	0.0786	0.192	0.00434	22.5	0.0591	37.3	0.00196	0.00144	0.00000758	0.0113	0.00259	0.055	0.0242	0.00000788	26.8	0.0000345	0.00127	0.000278	0.00157
2052 May	127	0.0795	0.193	0.00435	22.8	0.0594	37.5	0.00197	0.00145	0.00000764	0.0113	0.00262	0.0552	0.0247	0.00000794	27.2	0.0000348	0.00128	0.000286	0.00159
2052 Jun	124	0.0776	0.177	0.00411	22.5	0.0569	34.8	0.00195	0.00146	0.00000767	0.0114	0.00258	0.0516	0.026	0.00000795	27.7	0.0000348	0.00121	0.000309	0.00157
2052 Jul	124	0.0755	0.175	0.00412	22.1	0.0573	35.4	0.00196	0.00146	0.00000763	0.0112	0.0026	0.052	0.0256	0.00000791	27.5	0.0000342	0.00122	0.000303	0.00157
2052 Aug	129	0.0774	0.186	0.00432	22.8	0.0599	38.4	0.002	0.00146	0.00000768	0.0113	0.0027	0.0558	0.0258	0.00000799	28.2	0.0000346	0.00131	0.000307	0.00162
2052 Sep	132	0.0792	0.194	0.00444	23.2	0.0615	40.6	0.00202	0.00145	0.00000766	0.0112	0.00276	0.0587	0.0258	0.00000799	28.6	0.0000347	0.00137	0.000308	0.00166
2052 Oct	135	0.0808	0.2	0.00454	23.5	0.0626	42.1	0.00204	0.00144	0.00000765	0.0112	0.00281	0.0605	0.0258	0.000008	28.9	0.0000349	0.00141	0.000309	0.00168
2052 Nov	135	0.0811	0.201	0.00457	23.5	0.0628	42.4	0.00205	0.00145	0.00000766	0.0113	0.00282	0.0609	0.0259	0.00000801	29	0.0000349	0.00142	0.00031	0.00168
2052 Dec	136	0.0812	0.201	0.00457	23.6	0.0629	42.6	0.00205	0.00145	0.00000766	0.0113	0.00283	0.061	0.0259	0.00000801	29	0.000035	0.00143	0.00031	0.00168
2053 Jan	136	0.0813	0.201	0.00458	23.6	0.063	42.6	0.00205	0.00145	0.00000766	0.0113	0.00283	0.0611	0.0259	0.00000801	29	0.000035	0.00143	0.00031	0.00169
2053 Feb	136	0.0813	0.201	0.00458	23.6	0.063	42.7	0.00205	0.00145	0.00000767	0.0113	0.00283	0.0611	0.0259	0.00000802	29	0.000035	0.00143	0.00031	0.00169
2053 Mar	136	0.0814	0.202	0.00459	23.6	0.063	42.7	0.00206	0.00145	0.00000767	0.0113	0.00283	0.0611	0.0259	0.00000802	29.1	0.000035	0.00143	0.00031	0.00169
2053 Apr	136	0.0816	0.202	0.0046	23.7	0.0632	42.8	0.00206	0.00145	0.00000769	0.0113	0.00284	0.0613	0.026	0.00000804	29.1	0.0000351	0.00143	0.000311	0.00169
2053 May	141	0.0841	0.207	0.00463	24.5	0.0642	44.4	0.00205	0.00145	0.00000771	0.0113	0.00291	0.0635	0.0274	0.00000807	30.4	0.0000356	0.0015	0.000337	0.00175
2053 Jun	136	0.0807	0.181	0.00418	24.2	0.0595	39.7	0.00198	0.00146	0.00000772	0.0113	0.00282	0.0573	0.0299	0.00000804	31.4	0.0000358	0.00139	0.000384	0.00172
2053 Jul	140	0.0807	0.182	0.00434	24.4	0.0609	41.4	0.00208	0.0015	0.00000793	0.0116	0.00292	0.0591	0.0303	0.00000827	32	0.0000367	0.00142	0.000387	0.00176
2053 Aug	150	0.0848	0.203	0.00465	25.7	0.0658	46.7	0.00213	0.00152	0.0000081	0.0118	0.0031	0.0665	0.0309	0.00000848	33.4	0.000038	0.0016	0.000398	0.00187
2053 Sep	157	0.0881	0.217	0.0049	26.6	0.069	50.5	0.0022	0.00154	0.00000824	0.0121	0.00324	0.0715	0.0315	0.00000865	34.6	0.0000391	0.00172	0.000408	0.00194
2053 Oct	161	0.09	0.225	0.00505	27.1	0.0708	52.8	0.00223	0.00154	0.00000829	0.0122	0.00332	0.0745	0.0317	0.00000872	35.2	0.0000397	0.00179	0.000412	0.00198
2053 Nov	162	0.0908	0.226	0.00508	27.2	0.0713	53.2	0.00224	0.00155	0.00000831	0.0122	0.00334	0.075	0.0318	0.00000875	35.3	0.0000398	0.0018	0.000413	0.00199
2053 Dec	162	0.0908	0.227	0.00508	27.2	0.0713	53.3	0.00224	0.00155	0.00000831	0.0122	0.00334	0.0751	0.0318	0.00000875	35.3	0.0000398	0.0018	0.000413	0.00199
2054 Jan	163	0.0909	0.227	0.00508	27.2	0.0713	53.3	0.00225	0.00155	0.00000831	0.0122	0.00334	0.0751	0.0318	0.00000875	35.4	0.0000398	0.0018	0.000413	0.00199
2054 Feb	163	0.0909	0.227	0.00509	27.2	0.0713	53.4	0.00225	0.00155	0.00000831	0.0122	0.00334	0.0751	0.0318	0.00000875	35.4	0.0000398	0.0018	0.000413	0.00199
2054 Mar	163	0.0909	0.227	0.00509	27.2	0.0714	53.4	0.00225	0.00155	0.00000831	0.0122	0.00335	0.0751	0.0318	0.00000875	35.4	0.0000398	0.0018	0.000413	0.00199
2054 Apr	163	0.0911	0.227	0.0051	27.3	0.0715	53.5	0.00226	0.00155	0.00000833	0.0122	0.00335	0.0753	0.0319	0.00000877	35.5	0.0000399	0.00181	0.000414	0.002
2054 May	164	0.092	0.228	0.00513	27.6	0.0719	53.8	0.00227	0.00156	0.00000839	0.0123	0.00338	0.0756	0.0324	0.00000883	35.9	0.0000402	0.00182	0.000422	0.00202
2054 Jun	149	0.084	0.19	0.00443	25.7	0.0638	45.2	0.0021	0.00153	0.0000081	0.0118	0.00309	0.0644	0.0326	0.00000847	34.4	0.0000384	0.00157	0.00043	0.00187
2054 Jul	144	0.0792	0.178	0.00429	24.5	0.062	43.2	0.00208	0.00151	0.00000801	0.0117	0.003	0.0617	0.0315	0.00000836	33.2	0.0000376	0.0015	0.000412	0.00181
2054 Aug	146	0.0797	0.184	0.00437	24.7	0.0638	45.2	0.00209	0.0015	0.00000799	0.0116	0.00305	0.0643	0.0314	0.00000836	33.4	0.0000374	0.00156	0.00041	0.00184
2054 Sep	149	0.081	0.189	0.00447	24.9	0.0654	47.2	0.00211	0.0015	0.00000798	0.0116	0.00311	0.0668	0.0312	0.00000836	33.7	0.0000374	0.00161	0.000408	0.00187
2054 Oct	151	0.0823	0.191	0.00454	25	0.0661	48.3	0.00214	0.00149	0.00000796	0.0116	0.00315	0.0679	0.0312	0.00000835	33.9	0.0000374	0.00164	0.000407	0.00188
2054 Nov	151	0.0831	0.19	0.00455	25	0.0663	48.5	0.00214	0.00149	0.00000795	0.0116	0.00316	0.068	0.0311	0.00000834	33.9	0.0000373	0.00164	0.000405	0.00188
2054 Dec	151	0.0832	0.191	0.00455	25	0.0664	48.6	0.00215	0.00149	0.00000795	0.0116	0.00316	0.0681	0.0311	0.00000834	33.9	0.0000373	0.00164	0.000405	0.00188
2055 Jan	151	0.0833	0.191	0.00456	25	0.0664	48.6	0.00215	0.00149	0.00000795	0.0116	0.00316	0.0682	0.0311	0.00000834	33.9	0.0000373	0.00164	0.000405	0.00188
2055 Feb	151	0.0833	0.191	0.00456	25	0.0664	48.6	0.00215	0.00149	0.00000795	0.0116	0.00316	0.0681	0.0311	0.00000834	34	0.0000373	0.00164	0.000405	0.00188
2055 Mar	151	0.0833	0.191	0.00456	25	0.0664	48.6	0.00215	0.00149	0.00000795	0.0116	0.00316	0.0682	0.0311	0.00000834	34	0.0000373	0.00164	0.000406	0.00188
2055 Apr	151	0.0835	0.191	0.00457	25.1	0.0665	48.7	0.00216	0.00149	0.00000796	0.0116	0.00317	0.0683	0.0312	0.00000836	34	0.0000374	0.00164	0.000406	0.00188
2055 May	152	0.0841	0.192	0.00461	25.2	0.067	49.1	0.00217	0.0015	0.00000802	0.0117	0.0032	0.0688	0.0314	0.00000842	34.3	0.0000377	0.00166	0.000409	0.0019
2055 Jun	133	0.0701	0.157	0.00398	21.8	0.0598	40.6	0.00202	0.00148	0.00000782	0.0115	0.00281	0.059	0.0281	0.00000815	30.2	0.0000367	0.00141	0.000353	0.0017
2055 Jul	128	0.0648	0.143	0.00389	20.7	0.058	38.2	0.00207	0.00152	0.00000798	0.0117	0.00276	0.0557	0.0273	0.00000829	29.2	0.0000371	0.00132	0.000335	0.00164
2055 Aug	132	0.0663	0.15	0.00404	21.1	0.0606	40.8	0.00212	0.00153	0.00000807	0.0118	0.00287	0.0591	0.0276	0.0000084	30	0.0000375	0.00139	0.000339	0.0017
2055 Sep	135	0.0675	0.154	0.00411	21.3	0.062	42.6	0.00213	0.00152	0.00000802	0.0117	0.00291	0.0614	0.0275	0.00000837	30.2	0.0000373	0.00145	0.000338	0.00172
2055 Oct	137	0.0684	0.156	0.00419	21.5	0.0628	43.8	0.00216	0.00152	0.00000804	0.0117	0.00296	0.0626	0.0276	0.0000084	30.5	0.0000375	0.00148	0.000339	0.00173
2055 Nov	138	0.0688	0.157	0.00422	21.5	0.0631	44.3	0.00218	0.00152	0.00000805	0.0118	0.00298	0.0632	0.0276	0.00000842	30.7	0.0000376	0.00149	0.00034	0.00174
2055 Dec	138	0.069	0.158	0.00423	21.6	0.0633	44.5	0.00218	0.00152	0.00000805	0.0118	0.00299	0.0634	0.0276	0.00000842	30.7	0.0000376	0.00149	0.000341	0.00174
2056 Jan	138	0.069	0.158	0.00423	21.6	0.0633	44.5	0.00218	0.00152	0.00000805	0.0118	0.00299	0.0634	0.0276	0.00000842	30.7	0.0000376	0.00149	0.000341	0.00175
2056 Feb	138	0.069	0.158	0.00423	21.6	0.0633	44.5	0.00218	0.00152	0.00000805	0.0118	0.00299	0.0634	0.0276	0.00000842	30.7	0.0000376	0.00149	0.000341	0.00175
2056 Mar	138	0.069	0.158	0.00424	21.6	0.0633	44.5	0.00218	0.00152	0.00000805	0.0118	0.00299	0.0634	0.0276	0.00000842	30.8	0.0000376	0.0015	0.000341	0.00175
2056 Apr	138	0.0692	0.158	0.00425	21.6	0.0634	44.6	0.00219	0.00152	0.00000807	0.0118	0.003	0.0635	0.0277	0.00000844	30.8	0.0000377	0.0015	0.000342	0.00175
2056 May	139	0.0706	0.156	0.00421	22	0.0629	44.1	0.00219	0.00153	0.00000811	0.0118	0.00302	0.0626	0.0289	0.00000847	31.6	0.0000378	0.00149	0.000362	0.00176
2056 Jun	137	0.0736	0.133	0.00375	23.1	0.0573	38.1	0.00209	0.00154	0.00000808	0.0117	0.00295	0.054	0.0336	0.00000838	34	0.0000372	0.00133	0.000446	0.00176
2056 Jul	139	0.0739	0.134	0.00388	23.3	0.0586	39.6	0.00217	0.00157	0.00000822	0.0118	0.00304	0.0554	0.0339	0.00000853	34.6	0.0000377	0.00136	0.000449	0.00179
2056 Aug	144	0.0749	0.142	0.00401	23.6	0.0615	42.8	0.00219	0.00156	0.00000824	0.0118	0.00313	0.0599	0.0339	0.00000858	35.1	0.0000379	0.00147	0.000449	0.00185
2056 Sep	150	0.0771	0.151	0.00419	24.2	0.0645	46.4	0.00224	0.00157	0.00000833	0.012	0.00325	0.0646	0.0343	0.00000871	36.1	0.0000388	0.00158	0.000456	0.00191

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	151	0.078	0.153	0.00421	24.2	0.0652	47.4	0.00224	0.00156	0.00000828	0.0119	0.00327	0.0659	0.034	0.00000867	36.1	0.0000387	0.00161	0.000453	0.00192
2056 Nov	152	0.0783	0.153	0.00422	24.2	0.0654	47.6	0.00224	0.00156	0.00000826	0.0119	0.00327	0.0662	0.034	0.00000865	36	0.0000386	0.00162	0.000452	0.00192
2056 Dec	152	0.0784	0.153	0.00422	24.2	0.0655	47.8	0.00224	0.00156	0.00000826	0.0119	0.00327	0.0664	0.034	0.00000865	36.1	0.0000387	0.00162	0.000452	0.00193
2057 Jan	152	0.0785	0.153	0.00422	24.2	0.0655	47.8	0.00224	0.00156	0.00000826	0.0119	0.00327	0.0664	0.034	0.00000865	36.1	0.0000387	0.00162	0.000452	0.00193
2057 Feb	152	0.0785	0.153	0.00423	24.2	0.0655	47.8	0.00224	0.00156	0.00000826	0.0119	0.00327	0.0664	0.034	0.00000865	36.1	0.0000387	0.00162	0.000452	0.00193
2057 Mar	152	0.0785	0.153	0.00423	24.2	0.0655	47.8	0.00224	0.00156	0.00000827	0.0119	0.00328	0.0664	0.034	0.00000866	36.1	0.0000387	0.00162	0.000452	0.00193
2057 Apr	152	0.0787	0.154	0.00424	24.3	0.0657	48	0.00225	0.00156	0.00000828	0.012	0.00329	0.0666	0.0341	0.00000867	36.2	0.0000387	0.00162	0.000453	0.00193
2057 May	154	0.0796	0.155	0.00428	24.6	0.0663	48.4	0.00227	0.00158	0.00000837	0.0121	0.00332	0.0671	0.0345	0.00000876	36.6	0.0000391	0.00164	0.00046	0.00195
2057 Jun	138	0.0712	0.127	0.00373	22.5	0.0589	39.8	0.00213	0.00156	0.00000819	0.0118	0.003	0.0565	0.0333	0.00000851	34.1	0.000038	0.00139	0.00044	0.00179
2057 Jul	137	0.0691	0.123	0.00373	22.1	0.0589	39.3	0.00216	0.00158	0.0000083	0.012	0.003	0.0559	0.0329	0.00000861	33.7	0.0000383	0.00137	0.000431	0.00178
2057 Aug	146	0.0721	0.134	0.00397	23.1	0.0636	44.1	0.00224	0.00162	0.00000854	0.0123	0.00318	0.0625	0.0339	0.0000089	35.3	0.0000398	0.00152	0.000445	0.00189
2057 Sep	151	0.0737	0.141	0.00411	23.5	0.0658	46.9	0.00229	0.00163	0.00000863	0.0125	0.00328	0.0661	0.0342	0.00000901	36.1	0.0000405	0.00161	0.000451	0.00194
2057 Oct	153	0.0746	0.144	0.00418	23.6	0.067	48.7	0.00231	0.00162	0.0000086	0.0125	0.00333	0.0684	0.0342	0.000009	36.4	0.0000407	0.00166	0.000451	0.00197
2057 Nov	154	0.075	0.144	0.00421	23.6	0.0672	49.1	0.00232	0.00162	0.0000086	0.0125	0.00335	0.0687	0.0341	0.000009	36.5	0.0000407	0.00167	0.000451	0.00197
2057 Dec	154	0.0751	0.145	0.00421	23.7	0.0673	49.2	0.00232	0.00162	0.0000086	0.0125	0.00335	0.0689	0.0341	0.000009	36.5	0.0000407	0.00167	0.000451	0.00197
2058 Jan	154	0.0751	0.145	0.00422	23.7	0.0673	49.2	0.00232	0.00162	0.0000086	0.0125	0.00335	0.0689	0.0341	0.000009	36.5	0.0000407	0.00167	0.000451	0.00197
2058 Feb	154	0.0751	0.145	0.00422	23.7	0.0673	49.3	0.00232	0.00162	0.0000086	0.0125	0.00336	0.0689	0.0341	0.000009	36.5	0.0000407	0.00167	0.000451	0.00197
2058 Mar	154	0.0751	0.145	0.00422	23.7	0.0673	49.3	0.00233	0.00162	0.0000086	0.0125	0.00336	0.0689	0.0342	0.000009	36.5	0.0000407	0.00167	0.000451	0.00197
2058 Apr	154	0.0752	0.145	0.00423	23.7	0.0674	49.4	0.00233	0.00162	0.00000861	0.0125	0.00336	0.069	0.0342	0.00000902	36.6	0.0000408	0.00168	0.000452	0.00198
2058 May	157	0.0771	0.146	0.00418	24.3	0.0679	50.2	0.0023	0.00161	0.00000859	0.0124	0.00339	0.0703	0.0354	0.00000899	37.6	0.0000409	0.00172	0.000475	0.00201
2058 Jun	150	0.0769	0.123	0.00361	24.5	0.0612	43.4	0.0021	0.00158	0.00000835	0.012	0.0032	0.0614	0.0385	0.00000868	38.4	0.0000398	0.00155	0.000535	0.00196
2058 Jul	153	0.0767	0.123	0.00373	24.6	0.0626	44.4	0.0022	0.00163	0.0000086	0.0124	0.00329	0.0625	0.0388	0.00000895	38.9	0.0000408	0.00158	0.000535	0.00199
2058 Aug	159	0.0782	0.13	0.00388	25.1	0.0663	48.3	0.00224	0.00164	0.00000871	0.0125	0.00341	0.0679	0.0391	0.00000909	39.8	0.0000415	0.0017	0.00054	0.00207
2058 Sep	161	0.0792	0.133	0.00391	25	0.0678	49.9	0.00224	0.00162	0.00000863	0.0124	0.00343	0.0702	0.0386	0.00000903	39.8	0.0000413	0.00175	0.000533	0.00208
2058 Oct	162	0.0803	0.135	0.00398	25	0.0688	51.4	0.00226	0.00161	0.0000086	0.0124	0.00347	0.0719	0.0384	0.00000901	39.9	0.0000413	0.00179	0.000529	0.0021
2058 Nov	163	0.0807	0.135	0.00402	25	0.0691	52	0.00228	0.00161	0.00000861	0.0125	0.0035	0.0724	0.0384	0.00000903	40.1	0.0000414	0.0018	0.00053	0.0021
2058 Dec	163	0.0807	0.135	0.00402	25	0.0691	52	0.00228	0.00161	0.00000861	0.0125	0.0035	0.0724	0.0384	0.00000903	40.1	0.0000414	0.0018	0.00053	0.00211
2059 Jan	163	0.0807	0.135	0.00403	25	0.0691	52.1	0.00228	0.00161	0.00000861	0.0125	0.00351	0.0724	0.0384	0.00000903	40.1	0.0000414	0.0018	0.00053	0.00211
2059 Feb	163	0.0808	0.135	0.00403	25	0.0691	52.1	0.00228	0.00161	0.00000861	0.0125	0.00351	0.0724	0.0384	0.00000903	40.1	0.0000414	0.0018	0.00053	0.00211
2059 Mar	163	0.0808	0.135	0.00403	25	0.0691	52.1	0.00228	0.00161	0.00000861	0.0125	0.00351	0.0724	0.0384	0.00000903	40.1	0.0000414	0.0018	0.00053	0.00211
2059 Apr	164	0.0809	0.136	0.00404	25.1	0.0692	52.2	0.00229	0.00162	0.00000862	0.0125	0.00352	0.0726	0.0385	0.00000904	40.2	0.0000414	0.0018	0.000531	0.00211
2059 May	165	0.082	0.136	0.00404	25.4	0.0694	52.4	0.0023	0.00163	0.00000867	0.0125	0.00354	0.0727	0.0392	0.00000909	40.7	0.0000417	0.00181	0.000543	0.00213
2059 Jun	161	0.0829	0.124	0.00378	25.8	0.0654	47.9	0.00223	0.00163	0.00000862	0.0124	0.00345	0.0665	0.0412	0.00000899	41.4	0.0000411	0.00169	0.000579	0.0021
2059 Jul	165	0.0841	0.125	0.00392	26.2	0.0669	49.3	0.00232	0.00167	0.00000883	0.0127	0.00356	0.0679	0.042	0.00000922	42.4	0.0000419	0.00172	0.000589	0.00214
2059 Aug	173	0.0868	0.133	0.00413	27	0.0704	53.2	0.00242	0.00171	0.00000907	0.013	0.00374	0.0729	0.0431	0.00000949	43.9	0.0000434	0.00184	0.000605	0.00223
2059 Sep	176	0.088	0.136	0.0042	27.2	0.0722	55.4	0.00243	0.0017	0.00000907	0.0131	0.00379	0.0758	0.043	0.00000951	44.3	0.0000437	0.00191	0.000605	0.00226
2059 Oct	170	0.0912	0.13	0.00404	26.4	0.0718	53.5	0.00235	0.00166	0.00000883	0.0128	0.00366	0.0736	0.0413	0.00000925	42.7	0.0000421	0.00184	0.000574	0.00221
2059 Nov	170	0.0922	0.129	0.00404	26.3	0.0722	53.6	0.00235	0.00165	0.00000882	0.0129	0.00366	0.0737	0.0412	0.00000924	42.6	0.000042	0.00184	0.00057	0.00221
2059 Dec	170	0.0923	0.129	0.00404	26.3	0.0722	53.7	0.00236	0.00165	0.00000882	0.0129	0.00366	0.0738	0.0412	0.00000924	42.6	0.000042	0.00184	0.00057	0.00221
2060 Jan	170	0.0923	0.129	0.00405	26.3	0.0722	53.7	0.00236	0.00165	0.00000881	0.0128	0.00366	0.0738	0.0412	0.00000924	42.6	0.000042	0.00184	0.00057	0.00221
2060 Feb	170	0.0923	0.129	0.00405	26.3	0.0722	53.8	0.00236	0.00165	0.00000881	0.0128	0.00367	0.0738	0.0412	0.00000924	42.6	0.000042	0.00184	0.00057	0.00221
2060 Mar	170	0.0924	0.129	0.00405	26.3	0.0722	53.8	0.00236	0.00165	0.00000882	0.0129	0.00367	0.0738	0.0412	0.00000925	42.7	0.000042	0.00184	0.00057	0.00221
2060 Apr	170	0.0926	0.129	0.00407	26.4	0.0724	53.9	0.00237	0.00166	0.00000884	0.0129	0.00368	0.074	0.0413	0.00000927	42.8	0.0000421	0.00185	0.000572	0.00221
2060 May	171	0.0932	0.128	0.004	26.7	0.0718	53.5	0.00234	0.00165	0.00000881	0.0128	0.00367	0.0734	0.0421	0.00000923	43.2	0.000042	0.00184	0.000587	0.00222
2060 Jun	161	0.0894	0.112	0.00363	26.1	0.0655	46.6	0.00223	0.00164	0.00000866	0.0125	0.00346	0.0644	0.0426	0.00000902	42.3	0.0000408	0.00165	0.000598	0.00212
2060 Jul	164	0.0899	0.112	0.00378	26.3	0.067	47.9	0.00234	0.00168	0.00000889	0.0128	0.00357	0.0656	0.0431	0.00000926	43.1	0.0000417	0.00167	0.000602	0.00215
2060 Aug	167	0.0896	0.116	0.00383	26.3	0.0698	50.9	0.00233	0.00167	0.00000886	0.0128	0.00362	0.07	0.0426	0.00000926	43.2	0.0000417	0.00177	0.000595	0.00219
2060 Sep	160	0.0864	0.111	0.00365	24.9	0.0692	49.8	0.00221	0.00158	0.00000842	0.0121	0.00345	0.069	0.0398	0.00000881	40.8	0.0000388	0.00173	0.000549	0.0021
2060 Oct	161	0.0872	0.112	0.00367	24.8	0.0701	51.1	0.00221	0.00157	0.00000837	0.0121	0.00348	0.0706	0.0395	0.00000877	40.8	0.0000388	0.00176	0.000544	0.00211
2060 Nov	161	0.0875	0.112	0.00367	24.7	0.0703	51.3	0.00221	0.00156	0.00000835	0.012	0.00348	0.0709	0.0393	0.00000875	40.7	0.0000387	0.00177	0.000542	0.00211
2060 Dec	161	0.0876	0.112	0.00368	24.7	0.0704	51.5	0.00221	0.00156	0.00000835	0.012	0.00348	0.0711	0.0393	0.00000876	40.8	0.0000387	0.00177	0.000542	0.00211
2061 Jan	161	0.0876	0.112	0.00368	24.7	0.0705	51.5	0.00221	0.00156	0.00000835	0.012	0.00348	0.0711	0.0393	0.00000876	40.8	0.0000387	0.00177	0.000542	0.00212
2061 Feb	161	0.0876	0.112	0.00369	24.7	0.0705	51.5	0.00221	0.00156	0.00000835	0.012	0.00348	0.0711	0.0393	0.00000876	40.8	0.0000387	0.00177	0.000542	0.00212
2061 Mar	161	0.0877	0.112	0.00369	24.7	0.0705	51.6	0.00222	0.00156	0.00000835	0.012	0.00349	0.0712	0.0394	0.00000876	40.8	0.0000387	0.00177	0.000542	0.00212
2061 Apr	162	0.0879	0.113	0.0037	24.8	0.0706	51.7	0.00222	0.00157	0.00000836	0.0121	0.0035	0.0713	0.0394	0.00000877	40.9	0.0000388	0.00178	0.000543	0.00212
2061 May	162	0.0888	0.11	0.00362	25.2	0.0696	51	0.00219	0.00156	0.00000832	0.012	0.00349	0.0703	0.0406	0.00000872	41.6	0.0000387	0.00177	0.000566	0.00213
2061 Jun	155	0.0868	0.0966	0.00326	25.3	0.0632	44.6	0.00207	0.00155	0.00000819	0.0117	0.00332	0.0617	0.0424	0.00000853	41.7	0.000038	0.00159	0.000601	0.00206
2061 Jul	159	0.0869	0.0982	0.0034	25.4	0.065	46.5	0.00215	0.00158	0.00000836	0.012	0.00342	0.064	0.0427	0.00000872	42.3	0.0000388	0.00164	0.000604	0.0021
2061 Aug	166	0.0885	0.104	0.00355	25.9	0.069	50.8	0.00222	0.0016	0.00000852	0.0122	0.00357	0.0698	0.0433	0.00000892	43.5	0.0000398	0.00178	0.000613	0.00218
2061 Sep	170	0.0894	0.107	0.00364	26.1	0.071	53.3	0.00225	0.0016	0.00000857	0.0123	0.00365	0.073	0.0434	0.00000899	44.1	0.0000403	0.00186	0.000616	0.00223
2061 Oct	168	0.0892	0.107	0.0036	25.5	0.0711	53.8	0.00221	0.00156	0.00000837	0.012	0.00361	0.0737	0.0422	0.00000879	43.2	0.0000396	0.00187	0.000597	0.0022
2061 Nov	167	0.0895	0.106	0.00358	25.3	0.071	53.6	0.00219	0.00154	0.00000828	0.012	0.00358	0.0735	0.0416	0.00000871	42.8	0.0000392	0.00186	0.000588	0.00219
2061 Dec	167	0.0896	0.106	0.00358	25.2	0.0711	53.7	0.00219	0.00154	0.00000828	0.012	0.00358	0.0736	0.0416	0.00000871	42.8	0.0000392	0.00186	0.000587	0.00219
2062 Jan	167	0.0896	0.106	0.00358	25.3	0.0711	53.8	0.00219	0.00154	0.00000828	0.012	0.00359	0.0737	0.0416	0.00000871	42.8	0.0000392	0.00186	0.000588	0.00219
2062 Feb	167	0.0896	0.106	0.00358	25.3	0.0711	53.8	0.0022	0.00154	0.00000828	0.012	0.00359	0.0737	0.0416	0.00000871	42.8	0.0000392	0.00186	0.000588	0.00219
2062 Mar	167	0.0897	0.106	0.00359	25.3	0.0711	53.9	0.0022	0.00155	0.00000829	0.012	0.00359	0.0737	0.0417	0.00000871	42.8	0.0000392	0.00186	0.000588	0.00219
2062 Apr	167	0.0899	0.106	0.0036	25.3	0.0713	54	0.00221	0.00155	0.00000831	0.012	0.0036	0.0739	0.0417	0.00000873	43	0.0000393	0.00187	0.000589	0.0022
2062 May	168	0.0904	0.107	0.00363	25.5	0.0717	54.4	0.00222	0.00156	0.00000836	0.0121	0.00363	0.0744	0.042	0.00000879	43.2	0.0000395	0.00188	0.000593	0.00221
2062 Jun	147	0.0775	0.0888	0.00323	22.4	0.0642	45.1	0.00208	0.00154	0.00000814	0.0118	0.0032	0.0635	0.0372	0.0000085	37.9	0.0000381	0.00159	0.000509	0.00197
2062 Jul	138	0.07	0.0798	0.00313	20.8	0.0612	41.1	0.00209	0.00156	0.00000821	0.0119	0.00304	0.0587	0.0349	0.00000853	35.5	0.0000381	0.00145	0.000466	0.00186
2062 Aug	141	0.0696	0.0822	0.00318	20.7	0.0638	44	0.00209	0.00154	0.00000816	0.0118	0.0031	0.0626	0.0345	0.00000851	35.6	0.0000378	0.00154	0.000459	0.0019
2062 Sep	141	0.0703	0.0823	0.00315	20.3	0.0649	45.2	0.00205	0.0015	0.00000798	0.0116	0.00308	0.0644	0.0336	0.00000834	35.1	0.000037	0.00158	0.000445	0.00189
2062 Oct	131	0.0726	0.0752	0.00292	19.1	0.0627	42.4	0.0019	0.0014	0.00000744	0.011	0.00287	0.0606	0.0309	0.00000777	32.6	0.0000341	0.00147	0.000403	0.00178
2062 Nov	131	0.0731	0.075	0.00293	19	0.0628	42.6	0.00191	0.0014	0.00000743	0.0109	0.00287	0.0607	0.0309	0.00000776	32.6	0.0000341	0.00147	0.000401	0.00178
2062 Dec	131	0.0732	0.0752	0.00294	19	0.0629	42.8	0.00192	0.0014	0.00000743	0.011	0.00288	0.0609	0.0309	0.00000777	32.7	0.0000341	0.00148	0.000401	0.00178
2063 Jan	131	0.0732	0.0752	0.00295	19	0.0629	42.9	0.00192	0.0014	0.00000743	0.011	0.00289	0.0609	0.0309	0.00000777	32.7	0.0000341	0.00148	0.000401	0.00179
2063 Feb	132	0.0732	0.0753	0.00295	19	0.0629	42.9	0.00192	0.0014	0.00000743	0.011	0.00289	0.061	0.0309	0.00000777	32.7	0.0000341	0.00148	0.000402	0.00179

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Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	132	0.0732	0.0753	0.00296	19	0.0629	43	0.00193	0.0014	0.00000743	0.011	0.00289	0.061	0.0309	0.00000777	32.7	0.0000341	0.00148	0.000402	0.00179
2063 Apr	132	0.0733	0.0754	0.00297	19.1	0.063	43.1	0.00193	0.0014	0.00000744	0.011	0.0029	0.061	0.0309	0.00000778	32.8	0.0000341	0.00148	0.000402	0.00179
2063 May	133	0.0742	0.0749	0.00296	19.4	0.0626	42.7	0.00194	0.0014	0.00000747	0.011	0.00291	0.0604	0.0317	0.0000078	33.3	0.0000342	0.00147	0.000415	0.0018
2063 Jun	119	0.0666	0.059	0.00255	18.7	0.0528	32.8	0.0018	0.0014	0.00000732	0.0107	0.00262	0.0474	0.0322	0.00000757	31.8	0.0000333	0.00119	0.000429	0.00164
2063 Jul	121	0.0646	0.0587	0.00269	18.5	0.054	34	0.00191	0.00145	0.00000757	0.011	0.0027	0.0488	0.032	0.00000784	32	0.0000345	0.00121	0.000422	0.00166
2063 Aug	129	0.0661	0.0646	0.00285	19	0.0589	39.4	0.00198	0.00147	0.00000773	0.0113	0.00288	0.0561	0.0326	0.00000804	33.3	0.0000357	0.00138	0.000431	0.00176
2063 Sep	132	0.067	0.0662	0.00288	18.9	0.0611	41.7	0.00197	0.00145	0.00000767	0.0112	0.00292	0.0593	0.0321	0.000008	33.4	0.0000354	0.00145	0.000424	0.00179
2063 Oct	132	0.0688	0.0663	0.0029	18.8	0.0619	42.5	0.00197	0.00144	0.00000761	0.0112	0.00293	0.0602	0.0318	0.00000795	33.4	0.0000351	0.00147	0.000418	0.00179
2063 Nov	132	0.0692	0.0664	0.0029	18.8	0.0621	42.6	0.00197	0.00143	0.0000076	0.0112	0.00293	0.0605	0.0317	0.00000794	33.3	0.0000351	0.00147	0.000417	0.0018
2063 Dec	132	0.0693	0.0664	0.0029	18.8	0.0622	42.7	0.00197	0.00143	0.0000076	0.0112	0.00293	0.0606	0.0317	0.00000794	33.3	0.0000351	0.00148	0.000417	0.0018
2064 Jan	132	0.0693	0.0665	0.0029	18.8	0.0623	42.8	0.00197	0.00143	0.0000076	0.0112	0.00294	0.0607	0.0318	0.00000794	33.4	0.0000351	0.00148	0.000417	0.0018
2064 Feb	132	0.0694	0.0665	0.00291	18.8	0.0623	42.8	0.00197	0.00143	0.0000076	0.0112	0.00294	0.0607	0.0318	0.00000795	33.4	0.0000351	0.00148	0.000417	0.0018
2064 Mar	133	0.0694	0.0666	0.00291	18.8	0.0623	42.9	0.00198	0.00143	0.00000761	0.0112	0.00294	0.0608	0.0318	0.00000795	33.4	0.0000352	0.00148	0.000417	0.0018
2064 Apr	133	0.0695	0.0667	0.00292	18.9	0.0624	43	0.00198	0.00144	0.00000762	0.0112	0.00295	0.0608	0.0318	0.00000796	33.5	0.0000352	0.00148	0.000418	0.0018
2064 May	135	0.0713	0.0663	0.00287	19.5	0.0618	42.6	0.00196	0.00144	0.00000762	0.0111	0.00297	0.0602	0.0334	0.00000796	34.5	0.0000353	0.00148	0.000446	0.00183
2064 Jun	135	0.0752	0.0602	0.00265	21.5	0.0566	37.5	0.00191	0.00147	0.00000772	0.0111	0.00295	0.0528	0.0385	0.000008	37.3	0.0000356	0.00136	0.000537	0.00185
2064 Jul	139	0.0751	0.0616	0.00276	21.6	0.0583	39.5	0.00197	0.00149	0.00000784	0.0113	0.00304	0.0552	0.0386	0.00000814	37.9	0.0000362	0.00142	0.000539	0.00188
2064 Aug	143	0.0747	0.0644	0.00283	21.5	0.0614	42.9	0.00199	0.00148	0.00000784	0.0113	0.00313	0.0599	0.0383	0.00000817	38.2	0.0000363	0.00152	0.000534	0.00193
2064 Sep	142	0.0743	0.0641	0.0028	21	0.0627	44.1	0.00195	0.00144	0.00000765	0.011	0.00309	0.0618	0.0369	0.000008	37.4	0.0000352	0.00156	0.000511	0.00192
2064 Oct	144	0.0758	0.0653	0.00287	21	0.0642	46	0.00198	0.00144	0.00000766	0.0111	0.00315	0.064	0.0368	0.00000802	37.7	0.0000354	0.00161	0.000509	0.00195
2064 Nov	145	0.0761	0.0659	0.0029	21	0.0647	46.6	0.00199	0.00144	0.00000768	0.0111	0.00318	0.0648	0.0369	0.00000804	37.8	0.0000355	0.00162	0.00051	0.00196
2064 Dec	145	0.0761	0.066	0.0029	21	0.0647	46.7	0.00199	0.00144	0.00000768	0.0111	0.00318	0.0649	0.0369	0.00000804	37.9	0.0000356	0.00163	0.00051	0.00196
2065 Jan	145	0.0761	0.066	0.0029	21	0.0648	46.7	0.002	0.00144	0.00000768	0.0111	0.00318	0.0649	0.0369	0.00000804	37.9	0.0000356	0.00163	0.00051	0.00196
2065 Feb	145	0.0762	0.066	0.0029	21	0.0648	46.8	0.002	0.00144	0.00000768	0.0111	0.00318	0.0649	0.0369	0.00000805	37.9	0.0000356	0.00163	0.00051	0.00196
2065 Mar	145	0.0762	0.0661	0.00291	21.1	0.0648	46.9	0.002	0.00144	0.00000768	0.0111	0.00319	0.065	0.0369	0.00000805	37.9	0.0000356	0.00163	0.000511	0.00196
2065 Apr	146	0.0764	0.0662	0.00292	21.1	0.065	47	0.00201	0.00144	0.0000077	0.0111	0.0032	0.0652	0.037	0.00000807	38	0.0000357	0.00163	0.000512	0.00196
2065 May	149	0.0776	0.0673	0.00294	21.5	0.0658	48	0.00202	0.00145	0.00000776	0.0112	0.00325	0.0666	0.0379	0.00000814	38.8	0.0000362	0.00167	0.000527	0.002
2065 Jun	140	0.0732	0.0598	0.00274	21	0.0603	41.8	0.00196	0.00147	0.00000778	0.0112	0.00306	0.0586	0.0377	0.0000081	37.5	0.0000361	0.00149	0.000523	0.0019
2065 Jul	143	0.0729	0.0606	0.00287	21.2	0.0621	43.3	0.00205	0.00152	0.00000803	0.0116	0.00316	0.0606	0.038	0.00000837	38.1	0.0000372	0.00153	0.000525	0.00194
2065 Aug	150	0.0743	0.0643	0.003	21.6	0.0659	47.5	0.00212	0.00154	0.0000082	0.0118	0.00331	0.0662	0.0387	0.00000857	39.4	0.0000384	0.00166	0.000535	0.00203
2065 Sep	149	0.0747	0.0639	0.00294	21	0.0667	48.3	0.00206	0.00149	0.00000798	0.0116	0.00326	0.0676	0.0374	0.00000836	38.5	0.0000375	0.00169	0.000515	0.00201
2065 Oct	142	0.0766	0.0604	0.0028	19.9	0.066	47.3	0.00195	0.00141	0.00000755	0.0111	0.00311	0.0663	0.0348	0.00000792	36.4	0.0000354	0.00164	0.000473	0.00194
2065 Nov	142	0.0771	0.0604	0.00281	19.8	0.0662	47.7	0.00196	0.0014	0.00000752	0.0111	0.00312	0.0666	0.0346	0.0000079	36.3	0.0000352	0.00165	0.00047	0.00194
2065 Dec	142	0.0772	0.0604	0.00282	19.8	0.0663	47.8	0.00196	0.0014	0.00000752	0.0111	0.00312	0.0667	0.0346	0.0000079	36.3	0.0000352	0.00165	0.00047	0.00194
2066 Jan	142	0.0772	0.0604	0.00283	19.8	0.0663	47.9	0.00196	0.0014	0.00000752	0.0111	0.00313	0.0668	0.0346	0.0000079	36.3	0.0000352	0.00165	0.00047	0.00194
2066 Feb	142	0.0772	0.0605	0.00283	19.8	0.0663	47.9	0.00197	0.0014	0.00000752	0.0111	0.00313	0.0668	0.0346	0.0000079	36.4	0.0000353	0.00165	0.00047	0.00194
2066 Mar	143	0.0774	0.0606	0.00284	19.8	0.0664	48	0.00197	0.0014	0.00000753	0.0111	0.00314	0.0669	0.0347	0.00000791	36.4	0.0000353	0.00165	0.000471	0.00194
2066 Apr	143	0.0775	0.0607	0.00285	19.9	0.0665	48.1	0.00198	0.00141	0.00000754	0.0111	0.00314	0.067	0.0347	0.00000792	36.5	0.0000353	0.00166	0.000471	0.00194
2066 May	144	0.0781	0.0611	0.00288	20	0.0669	48.5	0.002	0.00142	0.00000759	0.0112	0.00317	0.0674	0.035	0.00000798	36.8	0.0000356	0.00167	0.000476	0.00196
2066 Jun	127	0.0669	0.0502	0.00262	18.3	0.0584	38.8	0.00192	0.00144	0.00000758	0.0111	0.00283	0.0554	0.0325	0.00000788	33.2	0.0000352	0.00137	0.000432	0.00175
2066 Jul	130	0.0659	0.051	0.00274	18.3	0.0605	40.4	0.00201	0.00149	0.00000787	0.0116	0.00292	0.0578	0.0327	0.00000818	33.7	0.0000365	0.00142	0.000431	0.0018
2066 Aug	135	0.0667	0.0532	0.00285	18.6	0.0635	43.6	0.00207	0.00151	0.00000799	0.0117	0.00305	0.0619	0.0331	0.00000834	34.6	0.0000371	0.00151	0.000436	0.00186
2066 Sep	136	0.0676	0.0535	0.00287	18.5	0.0647	44.9	0.00207	0.00149	0.00000793	0.0116	0.00307	0.0635	0.0327	0.00000829	34.6	0.0000368	0.00155	0.00043	0.00187
2066 Oct	137	0.0688	0.0537	0.00289	18.2	0.0656	46.2	0.00207	0.00147	0.00000781	0.0115	0.00308	0.065	0.0322	0.00000818	34.4	0.0000364	0.00158	0.000421	0.00187
2066 Nov	138	0.0694	0.0539	0.00293	18.2	0.066	46.9	0.00208	0.00146	0.0000078	0.0115	0.00311	0.0657	0.0321	0.00000817	34.5	0.0000364	0.00159	0.00042	0.00188
2066 Dec	138	0.0694	0.054	0.00293	18.2	0.066	47	0.00208	0.00146	0.0000078	0.0115	0.00311	0.0658	0.0321	0.00000817	34.5	0.0000364	0.00159	0.00042	0.00188
2067 Jan	138	0.0695	0.054	0.00293	18.2	0.0661	47	0.00209	0.00146	0.0000078	0.0115	0.00311	0.0658	0.0321	0.00000818	34.5	0.0000364	0.0016	0.00042	0.00188
2067 Feb	138	0.0695	0.054	0.00293	18.2	0.0661	47.1	0.00209	0.00146	0.0000078	0.0115	0.00311	0.0659	0.0321	0.00000818	34.5	0.0000364	0.0016	0.00042	0.00188
2067 Mar	138	0.0696	0.054	0.00294	18.2	0.0661	47.1	0.00209	0.00146	0.0000078	0.0115	0.00312	0.0659	0.0321	0.00000818	34.6	0.0000364	0.0016	0.000421	0.00188
2067 Apr	138	0.0697	0.0541	0.00295	18.3	0.0662	47.2	0.0021	0.00147	0.00000781	0.0115	0.00313	0.066	0.0322	0.00000819	34.6	0.0000365	0.0016	0.000421	0.00188
2067 May	140	0.071	0.0544	0.00296	18.7	0.0663	47.2	0.00211	0.00148	0.00000788	0.0116	0.00316	0.0659	0.033	0.00000827	35.3	0.0000368	0.0016	0.000435	0.0019
2067 Jun	135	0.0703	0.05	0.00282	19.2	0.0614	41.9	0.00208	0.00151	0.00000794	0.0116	0.00306	0.0586	0.0347	0.00000827	35.6	0.0000367	0.00145	0.000464	0.00185
2067 Jul	139	0.0707	0.0514	0.00294	19.5	0.0635	44.1	0.00216	0.00154	0.00000813	0.0119	0.00317	0.0613	0.0352	0.00000848	36.4	0.0000377	0.00151	0.00047	0.0019
2067 Aug	142	0.0699	0.0525	0.003	19.4	0.0658	46.5	0.00218	0.00154	0.00000814	0.0118	0.00324	0.0645	0.035	0.00000852	36.7	0.0000376	0.00158	0.000467	0.00194
2067 Sep	145	0.0705	0.0536	0.00306	19.4	0.0674	48.6	0.00221	0.00153	0.00000816	0.0119	0.0033	0.0671	0.035	0.00000855	37.1	0.0000378	0.00164	0.000468	0.00197
2067 Oct	144	0.0712	0.0531	0.00304	19	0.0677	49.3	0.00218	0.0015	0.00000799	0.0117	0.00328	0.0679	0.0342	0.00000839	36.6	0.0000372	0.00166	0.000456	0.00196
2067 Nov	145	0.0719	0.0531	0.00306	19	0.068	49.8	0.00219	0.00149	0.00000796	0.0117	0.0033	0.0684	0.034	0.00000837	36.6	0.0000371	0.00167	0.000453	0.00196
2067 Dec	145	0.072	0.0531	0.00306	19	0.0681	49.9	0.00219	0.00149	0.00000796	0.0117	0.0033	0.0685	0.034	0.00000837	36.6	0.0000371	0.00167	0.000453	0.00196
2068 Jan	145	0.0721	0.0532	0.00307	19	0.0681	49.9	0.00219	0.00149	0.00000796	0.0117	0.0033	0.0685	0.034	0.00000837	36.6	0.0000371	0.00167	0.000453	0.00196
2068 Feb	145	0.0721	0.0532	0.00307	19	0.0682	50	0.00219	0.00149	0.00000796	0.0117	0.0033	0.0685	0.034	0.00000837	36.6	0.0000371	0.00167	0.000453	0.00196
2068 Mar	145	0.0722	0.0533	0.00308	19	0.0682	50	0.0022	0.00149	0.00000797	0.0117	0.00331	0.0686	0.0341	0.00000838	36.6	0.0000372	0.00167	0.000454	0.00196
2068 Apr	146	0.0725	0.0535	0.00309	19.1	0.0685	50.3	0.00221	0.0015	0.000008	0.0117	0.00332	0.0689	0.0342	0.00000841	36.8	0.0000373	0.00168	0.000456	0.00197
2068 May	146	0.0736	0.0533	0.00308	19.5	0.0679	49.8	0.00221	0.0015	0.00000802	0.0117	0.00334	0.068	0.0352	0.00000842	37.4	0.0000373	0.00167	0.000472	0.00198
2068 Jun	137	0.0724	0.0463	0.00268	20.4	0.0582	39.9	0.00202	0.00149	0.00000781	0.0113	0.00307	0.055	0.0378	0.00000812	37.4	0.000036	0.0014	0.000524	0.00186
2068 Jul	138	0.0704	0.0468	0.00273	20.1	0.06	41.9	0.00205	0.00149	0.00000786	0.0113	0.00312	0.0578	0.0373	0.00000818	37.4	0.0000363	0.00146	0.000516	0.00189
2068 Aug	143	0.0712	0.0485	0.00285	20.3	0.063	44.9	0.00212	0.00151	0.00000801	0.0115	0.00324	0.0616	0.0378	0.00000836	38.3	0.000037	0.00155	0.000521	0.00195
2068 Sep	143	0.072	0.0481	0.00285	20.1	0.0639	45.7	0.00211	0.00149	0.00000792	0.0114	0.00324	0.0627	0.0371	0.00000828	37.9	0.0000364	0.00157	0.000509	0.00195
2068 Oct	144	0.073	0.0483	0.00291	20	0.0647	46.9	0.00214	0.00149	0.00000789	0.0114	0.00328	0.0639	0.0368	0.00000826	38	0.0000364	0.00159	0.000505	0.00196
2068 Nov	145	0.0733	0.0486	0.00294	20	0.065	47.4	0.00215	0.00149	0.00000791	0.0114	0.0033	0.0643	0.0369	0.00000828	38.2	0.0000365	0.0016	0.000506	0.00197
2068 Dec	145	0.0733	0.0486	0.00294	20	0.065	47.4	0.00216	0.00149	0.00000791	0.0114	0.0033	0.0644	0.0369	0.00000829	38.2	0.0000365	0.0016	0.000506	0.00197
2069 Jan	145	0.0734	0.0486	0.00294	20	0.0651	47.5	0.00216	0.00149	0.00000791	0.0114	0.00331	0.0645	0.0369	0.00000829	38.2	0.0000365	0.0016	0.000506	0.00197
2069 Feb	145	0.0734	0.0487	0.00295	20	0.0651	47.5	0.00216	0.00149	0.00000791	0.0114	0.00331	0.0645	0.0369	0.00000829	38.2	0.0000365	0.00161	0.000506	0.00197
2069 Mar	145	0.0734	0.0487	0.00295	20	0.0651	47.6	0.00216	0.00149	0.00000791	0.0114	0.00331	0.0645	0.0369	0.00000829	38.3	0.0000365	0.00161	0.000506	0.00197
2069 Apr	146	0.0735	0.0487	0.00296	20.1	0.0652	47.6	0.00217	0.00149	0.00000792	0.0115	0.00331	0.0646	0.0369	0.0000083	38.3	0.0000365	0.00161	0.000507	0.00197
2069 May	147	0.0743	0.0493	0.003	20.3	0.0659	48.3	0.0022	0.00151	0.000008	0.0116	0.00336	0.0653	0.0374	0.00000839	38.8	0.0000369	0.00163	0.000513	0.00199
2069 Jun	133	0.0653	0.0428	0.00278	18.7	0.0595	40.8	0.00211	0.00151	0.00000793	0.0115	0.00305	0.0565	0.0346	0.00000825	35.3	0.0000365	0.0014	0.000464	0.00182
2069 Jul	134	0.0635	0.0429	0.00285	18.4	0.061	42	0.00216	0.00154	0.00000812	0.0118	0.0031	0.0585	0.0343	0.00000845	35.3	0.0000375	0.00144	0.000457	0.00184

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Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	139	0.0638	0.0444	0.00293	18.6	0.0635	44.9	0.0022	0.00155	0.00000821	0.0119	0.0032	0.0622	0.0346	0.00000857	36.1	0.0000381	0.00153	0.000462	0.0019
2069 Sep	136	0.065	0.0432	0.00286	18.1	0.0636	44.9	0.00214	0.00151	0.00000798	0.0116	0.00314	0.0623	0.0335	0.00000834	35.2	0.000037	0.00152	0.000443	0.00187
2069 Oct	129	0.0686	0.04	0.00272	17.3	0.0622	42.8	0.00204	0.00143	0.00000756	0.0112	0.00298	0.0593	0.0314	0.0000079	33.2	0.0000346	0.00144	0.000408	0.00179
2069 Nov	130	0.0692	0.04	0.00275	17.3	0.0625	43.2	0.00205	0.00142	0.00000755	0.0112	0.00299	0.0596	0.0313	0.00000789	33.3	0.0000345	0.00144	0.000406	0.00179
2069 Dec	130	0.0693	0.0399	0.00275	17.3	0.0625	43.2	0.00205	0.00142	0.00000754	0.0112	0.00299	0.0596	0.0313	0.00000789	33.3	0.0000345	0.00144	0.000406	0.00179
2070 Jan	130	0.0693	0.0399	0.00275	17.3	0.0625	43.2	0.00205	0.00142	0.00000754	0.0111	0.00299	0.0596	0.0313	0.00000789	33.3	0.0000345	0.00144	0.000406	0.00179
2070 Feb	130	0.0693	0.0399	0.00275	17.3	0.0625	43.3	0.00206	0.00142	0.00000754	0.0111	0.00299	0.0596	0.0313	0.00000789	33.3	0.0000345	0.00144	0.000406	0.00179
2070 Mar	130	0.0694	0.04	0.00276	17.3	0.0625	43.3	0.00206	0.00142	0.00000755	0.0112	0.003	0.0597	0.0313	0.0000079	33.3	0.0000345	0.00144	0.000407	0.00179
2070 Apr	130	0.0696	0.0401	0.00277	17.3	0.0627	43.5	0.00207	0.00143	0.00000756	0.0112	0.00301	0.0598	0.0314	0.00000791	33.4	0.0000346	0.00145	0.000408	0.00179
2070 May	132	0.071	0.0403	0.00277	17.8	0.0624	43.1	0.00208	0.00144	0.00000762	0.0112	0.00303	0.0592	0.0324	0.00000797	34.1	0.0000348	0.00144	0.000425	0.00181
2070 Jun	130	0.0734	0.0387	0.00262	19.3	0.0574	38.4	0.00202	0.00145	0.00000762	0.0111	0.00298	0.0524	0.0358	0.00000791	35.8	0.0000345	0.00132	0.000487	0.00179
2070 Jul	133	0.0733	0.0394	0.00273	19.4	0.0589	40.1	0.00209	0.00147	0.00000774	0.0113	0.00307	0.0543	0.0361	0.00000806	36.4	0.0000351	0.00136	0.00049	0.00183
2070 Aug	138	0.0733	0.0407	0.0028	19.5	0.0618	43.3	0.00213	0.00148	0.00000782	0.0113	0.00317	0.0585	0.0362	0.00000816	37	0.0000355	0.00146	0.000492	0.00189
2070 Sep	136	0.0742	0.0399	0.00276	19	0.0624	43.7	0.00208	0.00145	0.00000765	0.0112	0.00313	0.0593	0.0352	0.000008	36.3	0.0000348	0.00147	0.000475	0.00187
2070 Oct	134	0.0753	0.0386	0.00273	18.6	0.0618	43.1	0.00206	0.00141	0.00000748	0.011	0.00307	0.0582	0.0341	0.00000782	35.4	0.0000338	0.00144	0.000458	0.00183
2070 Nov	134	0.0756	0.0385	0.00274	18.6	0.0619	43.3	0.00207	0.00141	0.00000746	0.011	0.00308	0.0583	0.034	0.00000781	35.4	0.0000338	0.00144	0.000455	0.00183
2070 Dec	134	0.0757	0.0385	0.00275	18.6	0.0619	43.3	0.00207	0.00141	0.00000746	0.011	0.00308	0.0583	0.034	0.00000781	35.4	0.0000338	0.00144	0.000455	0.00183
2071 Jan	134	0.0757	0.0385	0.00275	18.6	0.0619	43.4	0.00207	0.00141	0.00000746	0.011	0.00308	0.0583	0.034	0.00000781	35.4	0.0000338	0.00144	0.000455	0.00183
2071 Feb	134	0.0757	0.0386	0.00275	18.6	0.0619	43.4	0.00207	0.00141	0.00000746	0.011	0.00309	0.0583	0.034	0.00000781	35.4	0.0000337	0.00144	0.000456	0.00183
2071 Mar	134	0.0757	0.0386	0.00276	18.6	0.0619	43.4	0.00207	0.00141	0.00000746	0.011	0.00309	0.0583	0.034	0.00000781	35.4	0.0000338	0.00144	0.000456	0.00183
2071 Apr	134	0.0758	0.0386	0.00277	18.6	0.062	43.5	0.00208	0.00141	0.00000747	0.011	0.0031	0.0584	0.0341	0.00000782	35.5	0.0000338	0.00144	0.000456	0.00183
2071 May	134	0.0765	0.0386	0.00276	18.9	0.0615	43.1	0.00208	0.00142	0.00000748	0.011	0.0031	0.0577	0.0347	0.00000782	35.9	0.0000338	0.00143	0.000468	0.00184
2071 Jun	127	0.0733	0.0358	0.00255	19	0.0558	37.4	0.00197	0.00141	0.00000737	0.0107	0.00292	0.0504	0.0353	0.00000766	35.2	0.0000332	0.00127	0.000482	0.00175
2071 Jul	129	0.0717	0.0357	0.00265	18.8	0.0564	38.2	0.00204	0.00143	0.00000749	0.0109	0.00298	0.0513	0.0351	0.00000779	35.3	0.0000337	0.00129	0.000477	0.00176
2071 Aug	134	0.0724	0.0371	0.00276	19	0.0593	41.4	0.00211	0.00145	0.00000762	0.0111	0.00311	0.0553	0.0356	0.00000795	36.2	0.0000345	0.00138	0.000483	0.00182
2071 Sep	134	0.0723	0.0368	0.00275	18.6	0.0602	42.7	0.00209	0.00142	0.00000749	0.0109	0.0031	0.057	0.0347	0.00000783	35.8	0.000034	0.00142	0.000471	0.00182
2071 Oct	133	0.0726	0.0365	0.00277	18.4	0.0601	43	0.0021	0.0014	0.00000741	0.0108	0.0031	0.0571	0.0342	0.00000775	35.6	0.0000336	0.00141	0.000463	0.00181
2071 Nov	133	0.0734	0.0364	0.00278	18.4	0.0604	43.2	0.0021	0.0014	0.0000074	0.0108	0.00311	0.0572	0.0341	0.00000775	35.5	0.0000335	0.00142	0.000461	0.00181
2071 Dec	133	0.0735	0.0363	0.00278	18.4	0.0604	43.2	0.0021	0.0014	0.0000074	0.0108	0.00311	0.0572	0.0341	0.00000775	35.5	0.0000335	0.00142	0.00046	0.00181
2072 Jan	133	0.0735	0.0363	0.00279	18.4	0.0604	43.2	0.0021	0.0014	0.0000074	0.0108	0.00311	0.0572	0.0341	0.00000775	35.5	0.0000335	0.00141	0.00046	0.00181
2072 Feb	133	0.0735	0.0363	0.00279	18.4	0.0604	43.2	0.00211	0.0014	0.0000074	0.0108	0.00311	0.0572	0.0341	0.00000775	35.5	0.0000335	0.00141	0.000461	0.00181
2072 Mar	133	0.0736	0.0364	0.0028	18.4	0.0604	43.3	0.00211	0.0014	0.0000074	0.0108	0.00311	0.0572	0.0341	0.00000775	35.6	0.0000335	0.00142	0.000461	0.00181
2072 Apr	134	0.0737	0.0364	0.00281	18.4	0.0605	43.4	0.00212	0.0014	0.00000741	0.0108	0.00312	0.0573	0.0342	0.00000776	35.6	0.0000336	0.00142	0.000462	0.00181
2072 May	135	0.0744	0.0368	0.00284	18.6	0.0611	43.8	0.00214	0.00142	0.00000748	0.0109	0.00315	0.0579	0.0345	0.00000783	36	0.0000339	0.00143	0.000466	0.00183
2072 Jun	124	0.0668	0.0332	0.0027	17.3	0.0569	38.6	0.00208	0.00143	0.00000749	0.011	0.00293	0.0521	0.0321	0.0000078	33.2	0.0000339	0.00128	0.000423	0.0017
2072 Jul	123	0.0634	0.0323	0.00274	16.7	0.0567	38.5	0.00211	0.00144	0.00000753	0.011	0.00292	0.0518	0.0312	0.00000784	32.5	0.0000338	0.00126	0.000406	0.00168
2072 Aug	121	0.0615	0.0312	0.00268	16.2	0.0581	39.1	0.00206	0.0014	0.00000733	0.0106	0.00288	0.053	0.0299	0.00000765	31.6	0.0000319	0.00127	0.000383	0.00166
2072 Sep	119	0.0613	0.0304	0.00263	15.8	0.0589	39.6	0.00201	0.00136	0.00000715	0.0103	0.00283	0.0539	0.0289	0.00000747	30.9	0.0000306	0.00129	0.000366	0.00164
2072 Oct	116	0.0633	0.0291	0.00256	15.5	0.0582	38.4	0.00196	0.00132	0.00000697	0.0101	0.00275	0.0523	0.028	0.00000728	30.1	0.0000297	0.00125	0.000351	0.0016
2072 Nov	116	0.0639	0.029	0.00255	15.5	0.0584	38.5	0.00196	0.00132	0.00000695	0.0101	0.00275	0.0525	0.0279	0.00000727	30	0.0000296	0.00125	0.00035	0.0016
2072 Dec	116	0.0639	0.029	0.00255	15.5	0.0584	38.6	0.00196	0.00132	0.00000695	0.0101	0.00275	0.0526	0.0279	0.00000727	30	0.0000296	0.00125	0.00035	0.0016
2073 Jan	116	0.064	0.0291	0.00256	15.5	0.0584	38.7	0.00196	0.00132	0.00000695	0.0101	0.00276	0.0526	0.0279	0.00000727	30.1	0.0000296	0.00125	0.00035	0.0016
2073 Feb	116	0.064	0.0291	0.00256	15.5	0.0584	38.7	0.00196	0.00132	0.00000695	0.0101	0.00276	0.0526	0.0279	0.00000727	30.1	0.0000296	0.00125	0.00035	0.0016
2073 Mar	116	0.064	0.0291	0.00257	15.5	0.0585	38.7	0.00197	0.00132	0.00000696	0.0101	0.00276	0.0527	0.0279	0.00000727	30.1	0.0000296	0.00125	0.00035	0.0016
2073 Apr	117	0.0643	0.0292	0.00258	15.5	0.0587	38.9	0.00198	0.00133	0.00000698	0.0101	0.00278	0.0529	0.028	0.0000073	30.2	0.0000298	0.00126	0.000352	0.00161
2073 May	119	0.0658	0.0298	0.00253	16.3	0.0582	38.9	0.00195	0.00133	0.00000699	0.0101	0.0028	0.0528	0.0296	0.0000073	31.3	0.00003	0.00127	0.000382	0.00164
2073 Jun	120	0.0668	0.0298	0.00242	17.5	0.055	35.9	0.00191	0.00136	0.00000713	0.0103	0.00278	0.049	0.0326	0.00000741	32.9	0.0000311	0.00122	0.000435	0.00166
2073 Jul	124	0.0664	0.0305	0.00256	17.6	0.057	37.9	0.00201	0.00141	0.00000737	0.0106	0.00289	0.0514	0.033	0.00000767	33.6	0.0000323	0.00127	0.000438	0.0017
2073 Aug	129	0.0664	0.0314	0.00266	17.7	0.0598	41.2	0.00207	0.00141	0.00000745	0.0107	0.00301	0.0556	0.0331	0.00000778	34.4	0.0000327	0.00137	0.00044	0.00176
2073 Sep	131	0.0666	0.0317	0.00269	17.5	0.0612	43.1	0.00207	0.0014	0.0000074	0.0106	0.00305	0.0581	0.0328	0.00000775	34.5	0.0000328	0.00142	0.000437	0.00178
2073 Oct	129	0.0676	0.031	0.00267	17.2	0.0611	43	0.00205	0.00137	0.00000726	0.0105	0.00302	0.0579	0.032	0.00000761	33.9	0.0000321	0.00141	0.000424	0.00176
2073 Nov	128	0.068	0.0308	0.00265	17.1	0.0611	42.9	0.00204	0.00136	0.00000723	0.0105	0.003	0.0578	0.0318	0.00000757	33.7	0.0000319	0.00141	0.00042	0.00176
2073 Dec	128	0.068	0.0308	0.00265	17.1	0.0612	43	0.00204	0.00136	0.00000723	0.0105	0.00301	0.0579	0.0318	0.00000758	33.7	0.000032	0.00141	0.000421	0.00176
2074 Jan	129	0.0681	0.0308	0.00265	17.1	0.0612	43.1	0.00204	0.00136	0.00000723	0.0105	0.00301	0.058	0.0318	0.00000758	33.8	0.000032	0.00141	0.000421	0.00176
2074 Feb	129	0.0681	0.0308	0.00266	17.1	0.0612	43.2	0.00204	0.00136	0.00000723	0.0105	0.00301	0.0581	0.0318	0.00000758	33.8	0.000032	0.00142	0.000421	0.00176
2074 Mar	129	0.0681	0.0308	0.00266	17.1	0.0613	43.2	0.00204	0.00136	0.00000723	0.0105	0.00301	0.0581	0.0319	0.00000758	33.8	0.000032	0.00142	0.000421	0.00176
2074 Apr	129	0.0683	0.0309	0.00268	17.2	0.0615	43.4	0.00205	0.00137	0.00000725	0.0105	0.00303	0.0583	0.032	0.0000076	33.9	0.0000321	0.00142	0.000422	0.00177
2074 May	131	0.0704	0.0314	0.00259	18.1	0.0598	42.3	0.002	0.00136	0.00000722	0.0104	0.00303	0.0567	0.0341	0.00000756	35.2	0.0000322	0.00141	0.000463	0.00179
2074 Jun	131	0.0725	0.0314	0.00241	19.9	0.0552	37.6	0.00193	0.0014	0.00000736	0.0105	0.00297	0.0507	0.0381	0.00000765	37.2	0.0000331	0.00131	0.000534	0.0018
2074 Jul	137	0.0727	0.0325	0.00257	20.1	0.0581	40.8	0.00203	0.00144	0.00000758	0.0108	0.00312	0.0548	0.0386	0.0000079	38.3	0.0000343	0.0014	0.000541	0.00187
2074 Aug	143	0.0736	0.0337	0.00269	20.3	0.0616	44.5	0.00211	0.00146	0.00000775	0.0111	0.00327	0.0596	0.0392	0.0000081	39.4	0.0000352	0.00152	0.000549	0.00195
2074 Sep	142	0.074	0.033	0.00264	19.8	0.0626	45.4	0.00206	0.00143	0.00000758	0.0109	0.00323	0.061	0.0379	0.00000793	38.6	0.0000344	0.00154	0.000528	0.00193
2074 Oct	142	0.075	0.0325	0.00266	19.4	0.0634	46.6	0.00206	0.0014	0.00000745	0.0108	0.00323	0.0624	0.0369	0.00000782	38.1	0.000034	0.00156	0.000513	0.00192
2074 Nov	144	0.0751	0.0329	0.0027	19.3	0.0645	48.4	0.00208	0.00139	0.00000744	0.0108	0.00328	0.0646	0.0369	0.00000783	38.4	0.0000342	0.00162	0.000513	0.00195
2074 Dec	144	0.0751	0.033	0.0027	19.3	0.0647	48.6	0.00208	0.00139	0.00000744	0.0108	0.00329	0.0649	0.0369	0.00000783	38.4	0.0000343	0.00162	0.000513	0.00195
2075 Jan	144	0.0751	0.033	0.0027	19.3	0.0648	48.7	0.00208	0.00139	0.00000744	0.0108	0.00329	0.065	0.0369	0.00000783	38.4	0.0000343	0.00163	0.000513	0.00195
2075 Feb	144	0.0751	0.033	0.0027	19.3	0.0648	48.7	0.00208	0.00139	0.00000744	0.0108	0.00329	0.065	0.0369	0.00000783	38.4	0.0000343	0.00163	0.000513	0.00195
2075 Mar	144	0.0752	0.033	0.00271	19.3	0.0648	48.8	0.00209	0.00139	0.00000744	0.0108	0.0033	0.0651	0.0369	0.00000783	38.5	0.0000343	0.00163	0.000513	0.00195
2075 Apr	145	0.0754	0.0331	0.00272	19.4	0.065	49	0.00209	0.0014	0.00000746	0.0108	0.00331	0.0653	0.037	0.00000786	38.6	0.0000344	0.00163	0.000515	0.00196
2075 May	148	0.0761	0.0338	0.00276	19.6	0.0665	50.6	0.00211	0.00141	0.00000754	0.0109	0.00337	0.0676	0.0375	0.00000794	39.3	0.000035	0.00169	0.000523	0.002
2075 Jun	131	0.0646	0.0294	0.00257	17.5	0.0596	42.1	0.00203	0.00143	0.00000753	0.011	0.00301	0.0578	0.0335	0.00000787	34.7	0.0000348	0.00143	0.000451	0.00179
2075 Jul	126	0.0601	0.0281	0.00257	16.8	0.0584	39.9	0.00205	0.00146	0.0000077	0.0112	0.00294	0.0556	0.0323	0.00000802	33.4	0.0000354	0.00136	0.000427	0.00175
2075 Aug	130	0.0603	0.0287	0.00265	16.9	0.0607	42.4	0.0021	0.00147	0.00000777	0.0113	0.00303	0.0587	0.0324	0.00000811	34	0.0000357	0.00143	0.000428	0.00179
2075 Sep	133	0.0608	0.0292	0.00273	16.9	0.0621	44.3	0.00214	0.00147	0.0000078	0.0114	0.00311	0.061	0.0326	0.00000816	34.5	0.000036	0.00149	0.00043	0.00182
2075 Oct	134	0.0614	0.0292	0.00278	16.8	0.0625	45.2	0.00217	0.00147	0.00000777	0.0113	0.00314	0.0616	0.0324	0.00000814	34.6	0.0000359	0.0015	0.000428	0.00182
2075 Nov	134	0.0621	0.0292	0.00279	16.9	0.0629	45.5	0.00218	0.00147	0.00000778	0.0113	0.00315	0.062	0.0324	0.00000815	34.6	0.0000359	0.0015	0.000427	0.00183
2075 Dec	134	0.0623	0.0291	0.00279	16.9	0.0629	45.5	0.00218	0.00147	0.00000777	0.0113	0.00315	0.062	0.0323	0.00000814	34.6	0.0000359	0.00151	0.000427	0.00183

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	134	0.0623	0.0291	0.00279	16.9	0.0629	45.5	0.00218	0.00147	0.00000777	0.0113	0.00315	0.062	0.0323	0.00000814	34.6	0.0000359	0.00151	0.000427	0.00183
2076 Feb	134	0.0623	0.0292	0.00279	16.9	0.0629	45.5	0.00218	0.00147	0.00000777	0.0113	0.00315	0.062	0.0324	0.00000814	34.6	0.0000359	0.00151	0.000427	0.00183
2076 Mar	134	0.0624	0.0292	0.0028	16.9	0.0629	45.6	0.00218	0.00147	0.00000778	0.0113	0.00315	0.062	0.0324	0.00000815	34.7	0.0000359	0.00151	0.000427	0.00183
2076 Apr	134	0.0625	0.0293	0.00281	16.9	0.063	45.7	0.00219	0.00147	0.00000779	0.0114	0.00316	0.0621	0.0324	0.00000816	34.7	0.0000359	0.00151	0.000428	0.00183
2076 May	136	0.0639	0.0296	0.00282	17.4	0.0628	45.4	0.0022	0.00148	0.00000784	0.0114	0.00319	0.0616	0.0333	0.00000821	35.4	0.0000361	0.0015	0.000443	0.00184
2076 Jun	128	0.0623	0.0282	0.00263	17.7	0.0573	38.8	0.00211	0.0015	0.00000787	0.0114	0.003	0.0534	0.0342	0.00000818	34.8	0.000036	0.00132	0.000458	0.00176
2076 Jul	130	0.0613	0.0283	0.00274	17.7	0.0583	39.7	0.00219	0.00154	0.00000806	0.0117	0.00307	0.0544	0.0342	0.00000837	35	0.0000368	0.00134	0.000456	0.00178
2076 Aug	136	0.0621	0.0294	0.00285	17.9	0.0617	43.5	0.00226	0.00156	0.00000822	0.0119	0.00321	0.0593	0.0348	0.00000857	36.2	0.0000378	0.00146	0.000465	0.00186
2076 Sep	139	0.0627	0.0298	0.00293	18	0.063	45.3	0.00231	0.00157	0.00000826	0.012	0.00329	0.0615	0.035	0.00000863	36.7	0.0000382	0.00151	0.000468	0.00189
2076 Oct	137	0.0635	0.0292	0.00289	17.7	0.0628	45.1	0.00227	0.00154	0.00000811	0.0118	0.00324	0.0611	0.0343	0.00000848	36.1	0.0000374	0.00149	0.000456	0.00187
2076 Nov	137	0.064	0.029	0.00287	17.6	0.0629	45.1	0.00226	0.00153	0.00000807	0.0118	0.00323	0.0612	0.0341	0.00000844	35.9	0.0000372	0.00149	0.000452	0.00187
2076 Dec	137	0.0641	0.029	0.00287	17.6	0.0631	45.2	0.00226	0.00153	0.00000807	0.0118	0.00324	0.0614	0.0341	0.00000844	35.9	0.0000372	0.0015	0.000452	0.00187
2077 Jan	137	0.0641	0.029	0.00288	17.6	0.0631	45.3	0.00226	0.00153	0.00000807	0.0118	0.00324	0.0614	0.0341	0.00000844	35.9	0.0000372	0.0015	0.000452	0.00187
2077 Feb	137	0.0642	0.029	0.00288	17.6	0.0631	45.3	0.00226	0.00153	0.00000807	0.0118	0.00324	0.0614	0.0341	0.00000844	36	0.0000372	0.0015	0.000452	0.00187
2077 Mar	137	0.0642	0.029	0.00288	17.6	0.0631	45.4	0.00227	0.00153	0.00000807	0.0118	0.00324	0.0614	0.0341	0.00000844	36	0.0000373	0.0015	0.000453	0.00187
2077 Apr	138	0.0643	0.0291	0.0029	17.7	0.0632	45.5	0.00227	0.00153	0.00000809	0.0118	0.00325	0.0615	0.0342	0.00000846	36.1	0.0000373	0.0015	0.000454	0.00187
2077 May	139	0.0658	0.0295	0.00288	18.2	0.0627	45	0.00227	0.00154	0.00000812	0.0118	0.00327	0.0607	0.0352	0.00000848	36.7	0.0000374	0.00149	0.000471	0.00189
2077 Jun	135	0.0689	0.0293	0.00263	19.6	0.0567	39.1	0.00212	0.00151	0.0000079	0.0114	0.00312	0.0527	0.0382	0.00000821	37.8	0.0000362	0.00135	0.00053	0.00184
2077 Jul	138	0.0685	0.0297	0.00275	19.6	0.058	41	0.0022	0.00152	0.00000799	0.0115	0.00322	0.0546	0.0383	0.00000831	38.3	0.0000366	0.00139	0.00053	0.00187
2077 Aug	143	0.0691	0.0305	0.00286	19.8	0.0612	44.6	0.00226	0.00154	0.00000812	0.0117	0.00335	0.0592	0.0387	0.00000848	39.3	0.0000373	0.00149	0.000537	0.00194
2077 Sep	140	0.0691	0.0291	0.00276	19	0.0612	44.4	0.00218	0.00148	0.00000783	0.0113	0.00325	0.0592	0.0369	0.00000819	37.9	0.0000359	0.00148	0.000508	0.00189
2077 Oct	139	0.0702	0.0287	0.00276	18.8	0.0614	44.5	0.00217	0.00147	0.00000774	0.0112	0.00323	0.0592	0.0363	0.0000081	37.4	0.0000354	0.00148	0.000498	0.00188
2077 Nov	139	0.0705	0.0286	0.00276	18.8	0.0616	44.6	0.00217	0.00147	0.00000774	0.0112	0.00324	0.0594	0.0363	0.0000081	37.4	0.0000354	0.00148	0.000497	0.00188
2077 Dec	139	0.0706	0.0286	0.00276	18.8	0.0616	44.7	0.00217	0.00147	0.00000774	0.0112	0.00324	0.0595	0.0363	0.0000081	37.4	0.0000354	0.00148	0.000497	0.00188
2078 Jan	139	0.0706	0.0286	0.00276	18.8	0.0616	44.7	0.00217	0.00147	0.00000774	0.0112	0.00324	0.0595	0.0363	0.0000081	37.4	0.0000354	0.00148	0.000497	0.00188
2078 Feb	139	0.0706	0.0286	0.00276	18.8	0.0616	44.7	0.00218	0.00147	0.00000774	0.0112	0.00324	0.0595	0.0363	0.0000081	37.5	0.0000354	0.00148	0.000497	0.00188
2078 Mar	139	0.0707	0.0287	0.00277	18.8	0.0616	44.8	0.00218	0.00147	0.00000774	0.0112	0.00324	0.0595	0.0363	0.0000081	37.5	0.0000354	0.00148	0.000497	0.00188
2078 Apr	139	0.0709	0.0288	0.00278	18.9	0.0619	45	0.00219	0.00147	0.00000777	0.0113	0.00326	0.0598	0.0364	0.00000813	37.6	0.0000355	0.00149	0.000499	0.00189
2078 May	140	0.073	0.0292	0.00268	19.7	0.0598	43.2	0.00213	0.00146	0.00000771	0.0111	0.00323	0.0573	0.0383	0.00000805	38.6	0.0000352	0.00145	0.000535	0.0019
2078 Jun	140	0.0764	0.03	0.00258	21.4	0.0562	39	0.00209	0.0015	0.00000784	0.0112	0.0032	0.0516	0.0417	0.00000814	40.4	0.0000357	0.00136	0.000594	0.00191
2078 Jul	145	0.0766	0.0307	0.00272	21.6	0.0586	41.9	0.00218	0.00153	0.00000801	0.0114	0.00333	0.0551	0.0422	0.00000833	41.3	0.0000366	0.00143	0.0006	0.00196
2078 Aug	149	0.076	0.031	0.00278	21.4	0.0615	45.2	0.00221	0.00153	0.00000804	0.0115	0.00343	0.0595	0.042	0.0000084	41.8	0.0000369	0.00153	0.000597	0.00201
2078 Sep	152	0.0762	0.0312	0.00284	21.3	0.0631	47.4	0.00225	0.00152	0.00000805	0.0115	0.0035	0.0621	0.0419	0.00000843	42.1	0.0000371	0.00159	0.000596	0.00204
2078 Oct	152	0.0762	0.0311	0.00286	21.1	0.0639	48.7	0.00226	0.00151	0.00000798	0.0114	0.00352	0.0638	0.0414	0.00000837	42	0.0000369	0.00163	0.000588	0.00205
2078 Nov	152	0.0765	0.0309	0.00287	21	0.0641	48.8	0.00225	0.0015	0.00000796	0.0114	0.00351	0.0639	0.0412	0.00000835	41.9	0.0000368	0.00163	0.000585	0.00204
2078 Dec	152	0.0765	0.0309	0.00287	21	0.0641	48.9	0.00225	0.0015	0.00000796	0.0114	0.00352	0.0639	0.0412	0.00000835	41.9	0.0000368	0.00163	0.000585	0.00204
2079 Jan	152	0.0766	0.031	0.00287	21	0.0641	48.9	0.00226	0.0015	0.00000796	0.0114	0.00352	0.064	0.0412	0.00000835	41.9	0.0000368	0.00163	0.000585	0.00205
2079 Feb	152	0.0766	0.031	0.00287	21	0.0642	49	0.00226	0.0015	0.00000796	0.0114	0.00352	0.0641	0.0412	0.00000835	41.9	0.0000368	0.00163	0.000585	0.00205
2079 Mar	152	0.0766	0.031	0.00288	21	0.0642	49	0.00226	0.0015	0.00000796	0.0114	0.00352	0.0641	0.0412	0.00000835	41.9	0.0000369	0.00163	0.000585	0.00205
2079 Apr	153	0.0768	0.0311	0.00289	21	0.0643	49.2	0.00227	0.0015	0.00000798	0.0114	0.00353	0.0642	0.0413	0.00000837	42	0.0000369	0.00164	0.000587	0.00205
2079 May	154	0.0775	0.0314	0.00292	21.2	0.0648	49.6	0.00229	0.00152	0.00000805	0.0115	0.00357	0.0648	0.0417	0.00000844	42.5	0.0000373	0.00165	0.000593	0.00207
2079 Jun	135	0.0664	0.0274	0.00261	19.2	0.0571	39.8	0.00212	0.00151	0.0000079	0.0114	0.00312	0.0539	0.0376	0.00000821	37.4	0.0000363	0.00137	0.00052	0.00184
2079 Jul	133	0.0632	0.0268	0.00265	18.6	0.0571	39.3	0.00215	0.00153	0.00000799	0.0115	0.0031	0.0535	0.0365	0.0000083	36.6	0.0000367	0.00135	0.000499	0.00182
2079 Aug	137	0.0633	0.0272	0.00274	18.6	0.0601	42.7	0.00221	0.00154	0.00000808	0.0116	0.00322	0.0578	0.0367	0.00000843	37.3	0.0000371	0.00145	0.000501	0.00188
2079 Sep	137	0.064	0.0266	0.00272	18.2	0.061	43.7	0.00218	0.0015	0.00000793	0.0114	0.0032	0.0591	0.0357	0.00000828	36.8	0.0000364	0.00147	0.000486	0.00187
2079 Oct	136	0.0646	0.0263	0.00273	18	0.0611	44.1	0.00218	0.00148	0.00000783	0.0113	0.00319	0.0594	0.0352	0.00000818	36.4	0.000036	0.00147	0.000477	0.00186
2079 Nov	136	0.0654	0.0261	0.00273	17.9	0.0611	44	0.00217	0.00148	0.00000779	0.0113	0.00318	0.0592	0.0349	0.00000814	36.3	0.0000358	0.00146	0.000473	0.00185
2079 Dec	135	0.0662	0.0259	0.00271	17.9	0.0611	43.8	0.00216	0.00147	0.00000777	0.0113	0.00317	0.059	0.0347	0.00000812	36.1	0.0000356	0.00146	0.000469	0.00185
2080 Jan	135	0.0662	0.0258	0.00271	17.9	0.0611	43.8	0.00216	0.00147	0.00000776	0.0113	0.00317	0.0589	0.0347	0.00000812	36.1	0.0000356	0.00146	0.000469	0.00184
2080 Feb	135	0.0663	0.0259	0.00272	17.9	0.0611	43.8	0.00216	0.00147	0.00000776	0.0113	0.00317	0.0589	0.0348	0.00000812	36.1	0.0000356	0.00146	0.00047	0.00184
2080 Mar	135	0.0663	0.0259	0.00272	17.9	0.0611	43.8	0.00217	0.00147	0.00000776	0.0113	0.00317	0.0589	0.0348	0.00000812	36.1	0.0000356	0.00146	0.00047	0.00185
2080 Apr	135	0.0664	0.0259	0.00273	17.9	0.0612	44	0.00217	0.00147	0.00000777	0.0113	0.00318	0.059	0.0348	0.00000813	36.2	0.0000356	0.00146	0.000471	0.00185
2080 May	137	0.0671	0.0262	0.00276	18.1	0.0618	44.4	0.0022	0.00149	0.00000785	0.0114	0.00321	0.0596	0.0352	0.00000821	36.6	0.0000359	0.00147	0.000475	0.00187
2080 Jun	126	0.0612	0.0241	0.00262	16.9	0.0578	39.2	0.00212	0.00149	0.00000781	0.0114	0.00298	0.0538	0.0328	0.00000813	33.8	0.0000357	0.00132	0.000432	0.00174
2080 Jul	124	0.057	0.0233	0.00264	16.2	0.0575	38.6	0.00214	0.0015	0.00000786	0.0115	0.00294	0.0534	0.0315	0.00000817	32.7	0.0000359	0.0013	0.000409	0.00171
2080 Aug	127	0.0565	0.0235	0.00271	16.1	0.0595	41	0.00218	0.0015	0.00000789	0.0115	0.00303	0.0563	0.0315	0.00000823	33.1	0.0000359	0.00136	0.000409	0.00175
2080 Sep	128	0.0569	0.0233	0.00273	15.9	0.0605	42.5	0.00218	0.00148	0.00000781	0.0113	0.00305	0.058	0.0311	0.00000815	33.1	0.0000356	0.0014	0.000402	0.00175
2080 Oct	128	0.0578	0.0233	0.00277	15.8	0.0612	43.6	0.0022	0.00147	0.00000775	0.0113	0.00308	0.0592	0.0308	0.00000811	33.1	0.0000354	0.00142	0.000399	0.00176
2080 Nov	129	0.0586	0.0232	0.00277	15.8	0.0616	43.9	0.0022	0.00146	0.00000773	0.0113	0.00308	0.0596	0.0307	0.0000081	33.1	0.0000353	0.00143	0.000397	0.00177
2080 Dec	129	0.0588	0.0232	0.00276	15.8	0.0617	44	0.00219	0.00146	0.00000773	0.0113	0.00308	0.0597	0.0307	0.00000809	33.1	0.0000353	0.00143	0.000397	0.00177
2081 Jan	129	0.0588	0.0232	0.00277	15.8	0.0617	44	0.0022	0.00146	0.00000773	0.0113	0.00309	0.0597	0.0307	0.00000809	33.2	0.0000353	0.00143	0.000397	0.00177
2081 Feb	129	0.0588	0.0232	0.00277	15.8	0.0617	44	0.0022	0.00146	0.00000773	0.0113	0.00309	0.0597	0.0307	0.00000809	33.2	0.0000353	0.00143	0.000397	0.00177
2081 Mar	129	0.0589	0.0232	0.00278	15.8	0.0617	44.1	0.0022	0.00146	0.00000773	0.0113	0.00309	0.0597	0.0307	0.00000809	33.2	0.0000353	0.00143	0.000397	0.00177
2081 Apr	129	0.059	0.0233	0.00279	15.8	0.0618	44.2	0.00221	0.00147	0.00000775	0.0113	0.0031	0.0598	0.0308	0.00000811	33.3	0.0000354	0.00144	0.000398	0.00177
2081 May	130	0.0612	0.0238	0.00275	16.6	0.0603	42.9	0.00219	0.00147	0.00000773	0.0112	0.0031	0.0577	0.0323	0.00000808	34.2	0.0000352	0.0014	0.000426	0.00178
2081 Jun	128	0.063	0.0243	0.00266	17.6	0.0569	39.1	0.00215	0.00148	0.00000777	0.0112	0.00304	0.0527	0.0344	0.00000808	35	0.0000352	0.00131	0.000462	0.00176
2081 Jul	132	0.0635	0.0249	0.00281	17.8	0.0586	41.1	0.00225	0.00152	0.00000796	0.0115	0.00316	0.0547	0.0349	0.00000829	35.9	0.0000361	0.00135	0.000469	0.0018
2081 Aug	140	0.0647	0.0258	0.00294	18.2	0.0624	45.4	0.00234	0.00155	0.00000817	0.0118	0.00334	0.0602	0.0358	0.00000854	37.3	0.0000374	0.00148	0.000482	0.00189
2081 Sep	141	0.0652	0.0258	0.00298	18.1	0.0635	46.9	0.00235	0.00154	0.00000813	0.0118	0.00338	0.062	0.0355	0.00000851	37.5	0.0000374	0.00152	0.000479	0.00191
2081 Oct	142	0.0656	0.0258	0.00301	18	0.0641	47.9	0.00237	0.00154	0.00000812	0.0118	0.00341	0.0632	0.0354	0.00000851	37.6	0.0000374	0.00155	0.000478	0.00192
2081 Nov	142	0.0661	0.0255	0.00299	17.9	0.0642	47.9	0.00235	0.00152	0.00000805	0.0117	0.00339	0.0632	0.0351	0.00000844	37.3	0.0000371	0.00155	0.000472	0.00191
2081 Dec	141	0.0664	0.0255	0.00299	17.9	0.0642	47.8	0.00235	0.00152	0.00000804	0.0117	0.00339	0.0631	0.035	0.00000843	37.3	0.000037	0.00154	0.00047	0.00191
2082 Jan	141	0.0665	0.0255	0.00299	17.9	0.0642	47.9	0.00235	0.00152	0.00000804	0.0117	0.00339	0.0631	0.035	0.00000843	37.3	0.000037	0.00154	0.00047	0.00191
2082 Feb	142	0.0665	0.0255	0.003	17.9	0.0642	47.9	0.00236	0.00152	0.00000804	0.0117	0.00339	0.0631	0.035	0.00000843	37.3	0.000037	0.00154	0.000471	0.00191
2082 Mar	142	0.0666	0.0255	0.003	17.9	0.0642	47.9	0.00236	0.00152	0.00000804	0.0117	0.00339	0.0631	0.0351	0.00000843	37.3	0.000037	0.00154	0.000471	0.00191
2082 Apr	142	0.0667	0.0256	0.00301	17.9	0.0643	48	0.00237	0.00152	0.00000805	0.0117	0.0034	0.0632	0.0351	0.00000845	37.4	0.0000371	0.00155	0.000472	0.00191
2082 May	143	0.0673	0.0258	0.00304	18.1	0.0648	48.5	0.00239	0.00154	0.00000812	0.0118	0.00343	0.0637	0.0354	0.00000852	37.7	0.0000374	0.00156	0.000476	0.00193

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	126	0.0567	0.0226	0.00272	16	0.0587	40.6	0.0022	0.00151	0.00000794	0.0116	0.00302	0.0557	0.0315	0.00000827	33.1	0.0000367	0.00135	0.000408	0.00174
2082 Jul	119	0.0511	0.0214	0.00269	15.2	0.0562	36.8	0.0022	0.00155	0.00000809	0.0118	0.00288	0.0515	0.0298	0.00000839	31.2	0.0000371	0.00123	0.000375	0.00165
2082 Aug	123	0.0515	0.0217	0.0028	15.3	0.0583	39.2	0.00227	0.00157	0.00000817	0.0119	0.00299	0.0542	0.03	0.0000085	31.9	0.0000373	0.00129	0.000378	0.0017
2082 Sep	124	0.0522	0.0217	0.00283	15.3	0.0594	40.4	0.00228	0.00156	0.00000815	0.0119	0.00302	0.0556	0.0299	0.00000848	32	0.0000371	0.00132	0.000376	0.00171
2082 Oct	121	0.0542	0.0208	0.00276	14.9	0.0587	39.7	0.00222	0.00151	0.00000789	0.0116	0.00295	0.0545	0.0289	0.00000822	31.1	0.0000358	0.00129	0.00036	0.00167
2082 Nov	121	0.0549	0.0207	0.00276	14.9	0.059	39.9	0.00222	0.0015	0.00000787	0.0115	0.00295	0.0548	0.0288	0.0000082	31.1	0.0000357	0.0013	0.000359	0.00167
2082 Dec	121	0.055	0.0207	0.00276	14.9	0.0591	40	0.00222	0.0015	0.00000787	0.0115	0.00295	0.055	0.0288	0.0000082	31.2	0.0000357	0.0013	0.000359	0.00167
2083 Jan	121	0.055	0.0207	0.00276	14.9	0.0591	40.1	0.00222	0.0015	0.00000787	0.0115	0.00296	0.055	0.0288	0.0000082	31.2	0.0000357	0.0013	0.000359	0.00167
2083 Feb	122	0.0551	0.0207	0.00277	14.9	0.0591	40.1	0.00222	0.0015	0.00000787	0.0115	0.00296	0.055	0.0289	0.0000082	31.2	0.0000357	0.0013	0.000359	0.00168
2083 Mar	122	0.0551	0.0208	0.00278	14.9	0.0591	40.2	0.00223	0.0015	0.00000788	0.0116	0.00296	0.055	0.0289	0.00000821	31.2	0.0000357	0.0013	0.00036	0.00168
2083 Apr	122	0.0553	0.0208	0.00279	15	0.0593	40.3	0.00224	0.00151	0.00000789	0.0116	0.00297	0.0551	0.029	0.00000823	31.3	0.0000358	0.00131	0.000361	0.00168
2083 May	125	0.057	0.0215	0.00276	15.6	0.0594	40.8	0.00222	0.00151	0.0000079	0.0116	0.00301	0.0557	0.0303	0.00000823	32.4	0.000036	0.00133	0.000386	0.00171
2083 Jun	124	0.059	0.0223	0.00256	16.9	0.0554	36.8	0.00211	0.00151	0.00000785	0.0114	0.00292	0.0508	0.0331	0.00000815	33.6	0.0000359	0.00125	0.000438	0.00171
2083 Jul	126	0.058	0.0225	0.00266	16.8	0.0569	38.5	0.00217	0.00152	0.00000797	0.0116	0.003	0.0528	0.033	0.00000828	33.9	0.0000364	0.0013	0.000436	0.00174
2083 Aug	128	0.0562	0.0222	0.00269	16.4	0.0594	41.2	0.00218	0.0015	0.0000079	0.0114	0.00306	0.0562	0.0324	0.00000824	33.9	0.0000358	0.00137	0.000426	0.00177
2083 Sep	128	0.0572	0.0217	0.00266	16.1	0.0604	42.3	0.00215	0.00147	0.00000776	0.0112	0.00305	0.0578	0.0317	0.00000811	33.5	0.0000352	0.0014	0.000415	0.00177
2083 Oct	125	0.0593	0.0208	0.0026	15.8	0.0601	41.7	0.0021	0.00143	0.00000756	0.011	0.00298	0.057	0.0308	0.0000079	32.7	0.0000341	0.00138	0.0004	0.00174
2083 Nov	125	0.0605	0.0207	0.00258	15.8	0.0605	41.7	0.00209	0.00143	0.00000755	0.011	0.00297	0.0571	0.0307	0.00000789	32.6	0.000034	0.00138	0.000397	0.00174
2083 Dec	125	0.0606	0.0207	0.00259	15.8	0.0606	41.8	0.00209	0.00143	0.00000755	0.011	0.00297	0.0572	0.0307	0.00000789	32.6	0.000034	0.00138	0.000397	0.00174
2084 Jan	125	0.0606	0.0207	0.00259	15.8	0.0606	41.8	0.00209	0.00143	0.00000755	0.011	0.00297	0.0572	0.0307	0.00000789	32.6	0.000034	0.00138	0.000397	0.00174
2084 Feb	125	0.0606	0.0207	0.0026	15.8	0.0606	41.9	0.0021	0.00143	0.00000755	0.011	0.00298	0.0572	0.0307	0.00000789	32.7	0.000034	0.00138	0.000397	0.00174
2084 Mar	125	0.0607	0.0207	0.0026	15.8	0.0606	41.9	0.0021	0.00143	0.00000755	0.011	0.00298	0.0573	0.0307	0.00000789	32.7	0.000034	0.00138	0.000397	0.00174
2084 Apr	126	0.0609	0.0208	0.00262	15.9	0.0608	42.1	0.00211	0.00144	0.00000758	0.0111	0.003	0.0575	0.0308	0.00000792	32.8	0.0000342	0.00139	0.000399	0.00175
2084 May	128	0.0633	0.0216	0.00258	16.7	0.0599	41.4	0.00209	0.00144	0.00000761	0.0111	0.00301	0.0563	0.0326	0.00000794	34	0.0000343	0.00138	0.000431	0.00177
2084 Jun	128	0.0667	0.0231	0.00247	18.5	0.0555	36.7	0.00204	0.00148	0.0000077	0.0111	0.00297	0.0499	0.0361	0.00000799	35.7	0.0000346	0.00126	0.000493	0.00177
2084 Jul	131	0.0665	0.0234	0.00261	18.5	0.0572	38.9	0.00214	0.0015	0.00000785	0.0113	0.00308	0.0522	0.0363	0.00000815	36.4	0.0000353	0.00131	0.000495	0.0018
2084 Aug	136	0.0665	0.0237	0.00269	18.5	0.0603	42.4	0.00219	0.00151	0.00000793	0.0114	0.0032	0.0568	0.0365	0.00000827	37.2	0.0000358	0.00142	0.000497	0.00187
2084 Sep	137	0.0663	0.0236	0.00272	18.3	0.0614	44	0.00219	0.00149	0.00000787	0.0113	0.00323	0.0589	0.0361	0.00000822	37.2	0.0000357	0.00147	0.000492	0.00188
2084 Oct	136	0.0672	0.023	0.00267	18	0.0616	44	0.00216	0.00147	0.00000775	0.0112	0.00319	0.059	0.0354	0.0000081	36.6	0.0000352	0.00146	0.000481	0.00186
2084 Nov	135	0.0678	0.0228	0.00266	18	0.0616	43.9	0.00215	0.00146	0.00000771	0.0112	0.00317	0.0589	0.0352	0.00000806	36.4	0.000035	0.00146	0.000476	0.00186
2084 Dec	135	0.0679	0.0228	0.00266	18	0.0617	43.9	0.00215	0.00146	0.00000771	0.0112	0.00318	0.059	0.0352	0.00000806	36.4	0.000035	0.00146	0.000476	0.00186
2085 Jan	135	0.0679	0.0228	0.00266	18	0.0617	44	0.00215	0.00146	0.00000771	0.0112	0.00318	0.059	0.0352	0.00000806	36.4	0.000035	0.00146	0.000476	0.00186
2085 Feb	136	0.0679	0.0228	0.00267	18	0.0617	44	0.00215	0.00146	0.00000771	0.0112	0.00318	0.059	0.0352	0.00000807	36.4	0.000035	0.00146	0.000476	0.00186
2085 Mar	136	0.0679	0.0229	0.00267	18	0.0617	44.1	0.00215	0.00146	0.00000771	0.0112	0.00318	0.0591	0.0352	0.00000807	36.5	0.000035	0.00146	0.000476	0.00186
2085 Apr	136	0.0681	0.0229	0.00268	18	0.0618	44.2	0.00216	0.00146	0.00000773	0.0112	0.00319	0.0592	0.0353	0.00000808	36.6	0.0000351	0.00147	0.000477	0.00186
2085 May	138	0.0698	0.0235	0.00267	18.6	0.0616	44	0.00216	0.00147	0.00000778	0.0112	0.00322	0.0588	0.0365	0.00000813	37.5	0.0000353	0.00147	0.0005	0.00189
2085 Jun	139	0.0733	0.0247	0.00263	19.9	0.0591	41.6	0.00215	0.00149	0.00000784	0.0112	0.00323	0.055	0.0392	0.00000816	39	0.0000354	0.00141	0.000546	0.0019
2085 Jul	143	0.0735	0.0252	0.00275	20	0.0611	44.1	0.00223	0.00151	0.00000795	0.0114	0.00334	0.058	0.0395	0.0000083	39.8	0.0000361	0.00147	0.000551	0.00194
2085 Aug	148	0.0729	0.0253	0.00281	19.9	0.0642	48.1	0.00225	0.0015	0.00000796	0.0114	0.00345	0.0634	0.0394	0.00000835	40.4	0.0000367	0.0016	0.000552	0.00201
2085 Sep	147	0.073	0.0245	0.00278	19.3	0.0648	49	0.00222	0.00146	0.00000778	0.0112	0.00342	0.0646	0.0382	0.00000818	39.6	0.0000359	0.00162	0.000532	0.00199
2085 Oct	146	0.0731	0.024	0.00276	18.9	0.065	49.4	0.0022	0.00144	0.00000766	0.0111	0.0034	0.0651	0.0374	0.00000806	39.1	0.0000354	0.00163	0.00052	0.00197
2085 Nov	144	0.0733	0.0236	0.00273	18.7	0.0648	49.1	0.00217	0.00142	0.00000758	0.011	0.00336	0.0648	0.0369	0.00000798	38.7	0.000035	0.00162	0.000512	0.00196
2085 Dec	144	0.0734	0.0236	0.00273	18.7	0.0648	49.1	0.00217	0.00142	0.00000758	0.011	0.00336	0.0648	0.0369	0.00000798	38.7	0.000035	0.00162	0.000512	0.00196
2086 Jan	144	0.0734	0.0236	0.00273	18.7	0.0648	49.2	0.00218	0.00142	0.00000758	0.011	0.00336	0.0648	0.0369	0.00000798	38.7	0.000035	0.00162	0.000512	0.00196
2086 Feb	145	0.0735	0.0236	0.00274	18.7	0.0648	49.2	0.00218	0.00142	0.00000758	0.011	0.00337	0.0648	0.0369	0.00000798	38.7	0.000035	0.00162	0.000512	0.00196
2086 Mar	145	0.0735	0.0237	0.00275	18.7	0.0648	49.3	0.00218	0.00142	0.00000758	0.011	0.00337	0.0648	0.0369	0.00000798	38.7	0.000035	0.00162	0.000512	0.00196
2086 Apr	145	0.0737	0.0237	0.00276	18.8	0.065	49.4	0.00219	0.00143	0.0000076	0.011	0.00338	0.065	0.037	0.000008	38.8	0.0000351	0.00162	0.000514	0.00196
2086 May	147	0.0746	0.0241	0.00277	19.1	0.0653	49.7	0.00221	0.00144	0.00000766	0.0111	0.00341	0.0653	0.0376	0.00000807	39.3	0.0000354	0.00163	0.000523	0.00198
2086 Jun	133	0.0683	0.0228	0.0025	18.5	0.0577	41	0.00204	0.00143	0.00000751	0.0109	0.00307	0.055	0.0364	0.00000783	36.7	0.0000345	0.00139	0.000504	0.00182
2086 Jul	134	0.0657	0.0227	0.00259	18.1	0.0587	42	0.00211	0.00146	0.00000767	0.0111	0.00312	0.0564	0.0358	0.00000801	36.4	0.0000353	0.00141	0.000491	0.00183
2086 Aug	137	0.0646	0.0225	0.00264	17.8	0.0618	45.3	0.00213	0.00145	0.00000767	0.0111	0.00321	0.0609	0.0354	0.00000804	36.7	0.0000353	0.00151	0.000485	0.00188
2086 Sep	136	0.0641	0.0218	0.00262	17.4	0.0626	46.2	0.00211	0.00141	0.00000752	0.0108	0.00318	0.0621	0.0343	0.00000789	36.1	0.0000343	0.00153	0.000467	0.00186
2086 Oct	137	0.0645	0.0217	0.00263	17.3	0.0632	47	0.00211	0.00141	0.00000749	0.0108	0.0032	0.0631	0.0341	0.00000787	36.1	0.0000343	0.00156	0.000464	0.00187
2086 Nov	137	0.0647	0.0217	0.00263	17.3	0.0634	47.1	0.00211	0.00141	0.00000749	0.0108	0.0032	0.0633	0.0342	0.00000788	36.2	0.0000343	0.00156	0.000464	0.00187
2086 Dec	137	0.0647	0.0217	0.00264	17.3	0.0635	47.3	0.00212	0.00141	0.00000749	0.0108	0.00321	0.0635	0.0342	0.00000788	36.2	0.0000343	0.00156	0.000465	0.00187
2087 Jan	137	0.0647	0.0218	0.00264	17.3	0.0635	47.3	0.00212	0.00141	0.00000749	0.0108	0.00321	0.0635	0.0342	0.00000788	36.2	0.0000343	0.00156	0.000465	0.00187
2087 Feb	137	0.0648	0.0218	0.00265	17.3	0.0635	47.4	0.00212	0.00141	0.0000075	0.0108	0.00322	0.0635	0.0342	0.00000788	36.2	0.0000343	0.00156	0.000465	0.00187
2087 Mar	138	0.0648	0.0218	0.00266	17.3	0.0635	47.4	0.00213	0.00141	0.0000075	0.0108	0.00322	0.0636	0.0342	0.00000789	36.3	0.0000343	0.00157	0.000465	0.00187
2087 Apr	138	0.0649	0.0218	0.00267	17.3	0.0636	47.5	0.00213	0.00141	0.00000751	0.0108	0.00323	0.0636	0.0342	0.0000079	36.3	0.0000344	0.00157	0.000466	0.00188
2087 May	138	0.0664	0.0223	0.00264	17.9	0.0627	46.5	0.00212	0.00142	0.00000754	0.0108	0.00323	0.0622	0.0353	0.00000791	36.9	0.0000344	0.00154	0.000485	0.00188
2087 Jun	137	0.0707	0.0239	0.00249	19.7	0.0574	40.7	0.00204	0.00144	0.00000756	0.0108	0.00314	0.0542	0.039	0.00000788	38.6	0.0000342	0.0014	0.000549	0.00187
2087 Jul	139	0.0702	0.024	0.00259	19.7	0.0585	42.4	0.00211	0.00145	0.00000763	0.0108	0.00322	0.0558	0.0389	0.00000796	38.9	0.0000345	0.00143	0.000548	0.00189
2087 Aug	145	0.0705	0.0245	0.00271	19.8	0.0618	46.2	0.00218	0.00147	0.00000776	0.011	0.00337	0.0606	0.0394	0.00000812	39.9	0.0000353	0.00154	0.000555	0.00196
2087 Sep	149	0.0711	0.0247	0.00278	19.8	0.0639	48.9	0.00223	0.00147	0.00000782	0.0111	0.00346	0.0641	0.0396	0.00000821	40.6	0.0000359	0.00162	0.000559	0.00201
2087 Oct	149	0.0714	0.0246	0.00279	19.7	0.0644	49.6	0.00223	0.00146	0.00000778	0.0111	0.00348	0.065	0.0394	0.00000818	40.6	0.0000359	0.00164	0.000556	0.00201
2087 Nov	149	0.0716	0.0245	0.00278	19.6	0.0645	49.6	0.00222	0.00146	0.00000776	0.0111	0.00347	0.0651	0.0392	0.00000816	40.5	0.0000358	0.00164	0.000553	0.00201
2087 Dec	149	0.0716	0.0245	0.00278	19.6	0.0646	49.7	0.00222	0.00146	0.00000776	0.0111	0.00347	0.0652	0.0392	0.00000816	40.5	0.0000358	0.00165	0.000553	0.00201
2088 Jan	149	0.0716	0.0245	0.00279	19.6	0.0646	49.8	0.00223	0.00146	0.00000776	0.0111	0.00347	0.0653	0.0392	0.00000816	40.5	0.0000358	0.00165	0.000553	0.00201
2088 Feb	149	0.0717	0.0245	0.00279	19.6	0.0646	49.8	0.00223	0.00146	0.00000776	0.0111	0.00347	0.0653	0.0392	0.00000816	40.5	0.0000358	0.00165	0.000553	0.00201
2088 Mar	149	0.0717	0.0245	0.0028	19.6	0.0646	49.9	0.00223	0.00146	0.00000777	0.0111	0.00348	0.0653	0.0392	0.00000817	40.6	0.0000358	0.00165	0.000553	0.00201
2088 Apr	150	0.0721	0.0246	0.00282	19.7	0.0649	50.2	0.00225	0.00147	0.00000781	0.0112	0.0035	0.0656	0.0394	0.00000821	40.8	0.000036	0.00166	0.000556	0.00202
2088 May	152	0.073	0.025	0.00285	20	0.0657	50.8	0.00228	0.00148	0.0000079	0.0113	0.00354	0.0664	0.0399	0.00000831	41.3	0.0000364	0.00168	0.000564	0.00205
2088 Jun	138	0.0649	0.0229	0.00268	18.4	0.0605	43.9	0.00218	0.00149	0.00000785	0.0113	0.00323	0.0588	0.0366	0.00000821	37.5	0.0000361	0.00147	0.000504	0.00188
2088 Jul	137	0.0626	0.0226	0.00274	18	0.0605	43.6	0.00223	0.00152	0.00000799	0.0115	0.00323	0.0585	0.036	0.00000834	37	0.0000366	0.00145	0.00049	0.00187
2088 Aug	145	0.0641	0.0234	0.00289	18.5	0.0644	47.9	0.00233	0.00156	0.00000823	0.0118	0.00342	0.0639	0.037	0.00000862	38.6	0.0000381	0.00158	0.000506	0.00196
2088 Sep	148	0.0648	0.0237	0.00296	18.6	0.0658	49.8	0.00238	0.00156	0.00000829	0.0119	0.0035	0.0662	0.0373	0.0000087	39.2	0.0000386	0.00164	0.00051	0.002
2088 Oct	144	0.0663	0.0228	0.00289	18.2	0.0653	48.8	0.00232	0.00153	0.00000811	0.0117	0.00342	0.065	0.0362	0.00000851	38.2	0.0000375	0.0016	0.000492	0.00196

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	143	0.0672	0.0226	0.00287	18.1	0.0652	48.3	0.0023	0.00152	0.00000806	0.0117	0.00339	0.0645	0.0359	0.00000846	37.9	0.0000372	0.00159	0.000486	0.00195
2088 Dec	143	0.0672	0.0226	0.00287	18.1	0.0653	48.4	0.0023	0.00152	0.00000806	0.0117	0.00339	0.0646	0.0359	0.00000846	37.9	0.0000372	0.00159	0.000486	0.00195
2089 Jan	143	0.0673	0.0226	0.00287	18.1	0.0653	48.4	0.0023	0.00152	0.00000806	0.0117	0.00339	0.0646	0.0359	0.00000846	37.9	0.0000372	0.00159	0.000486	0.00195
2089 Feb	143	0.0673	0.0226	0.00288	18.1	0.0653	48.5	0.00231	0.00152	0.00000806	0.0117	0.00339	0.0646	0.0359	0.00000846	37.9	0.0000372	0.00159	0.000486	0.00195
2089 Mar	144	0.0674	0.0226	0.00288	18.1	0.0653	48.5	0.00231	0.00152	0.00000807	0.0117	0.0034	0.0646	0.0359	0.00000847	38	0.0000372	0.00159	0.000487	0.00195
2089 Apr	144	0.0676	0.0227	0.0029	18.2	0.0655	48.7	0.00232	0.00153	0.0000081	0.0117	0.00341	0.0648	0.0361	0.00000849	38.1	0.0000374	0.0016	0.000488	0.00196
2089 May	145	0.0698	0.0234	0.00287	19	0.0645	47.6	0.00231	0.00154	0.00000814	0.0118	0.00342	0.0631	0.0376	0.00000852	39	0.0000374	0.00157	0.000515	0.00197
2089 Jun	146	0.0753	0.0252	0.00275	21	0.0603	43.2	0.00225	0.00155	0.00000815	0.0117	0.00339	0.0567	0.0415	0.00000849	41.1	0.0000371	0.00146	0.000584	0.00198
2089 Jul	148	0.0742	0.0252	0.00282	20.8	0.0621	45.5	0.00229	0.00156	0.00000818	0.0117	0.00346	0.0595	0.0413	0.00000854	41.4	0.0000374	0.00152	0.000581	0.00201
2089 Aug	151	0.073	0.025	0.00288	20.5	0.0646	47.9	0.00232	0.00155	0.00000821	0.0117	0.00353	0.0628	0.041	0.0000086	41.6	0.0000372	0.00159	0.000574	0.00205
2089 Sep	153	0.0733	0.0248	0.00289	20.4	0.0662	49.8	0.00233	0.00154	0.00000819	0.0117	0.00357	0.0653	0.0407	0.00000859	41.7	0.0000373	0.00165	0.00057	0.00207
2089 Oct	148	0.0742	0.0235	0.00281	19.6	0.0656	49.1	0.00225	0.00149	0.00000789	0.0113	0.00346	0.0645	0.0388	0.00000829	40.1	0.000036	0.00162	0.000539	0.00201
2089 Nov	148	0.0747	0.0234	0.00281	19.5	0.0657	49.1	0.00225	0.00148	0.00000787	0.0113	0.00345	0.0644	0.0386	0.00000827	40	0.0000358	0.00161	0.000536	0.00201
2089 Dec	148	0.0747	0.0234	0.00281	19.5	0.0657	49.1	0.00225	0.00148	0.00000787	0.0113	0.00346	0.0645	0.0386	0.00000827	40	0.0000358	0.00162	0.000535	0.00201
2090 Jan	148	0.0748	0.0234	0.00281	19.5	0.0657	49.2	0.00226	0.00148	0.00000787	0.0113	0.00346	0.0645	0.0386	0.00000827	40	0.0000358	0.00162	0.000536	0.00201
2090 Feb	148	0.0748	0.0234	0.00282	19.5	0.0657	49.2	0.00226	0.00148	0.00000787	0.0113	0.00346	0.0645	0.0386	0.00000827	40	0.0000358	0.00162	0.000536	0.00201
2090 Mar	148	0.0748	0.0234	0.00283	19.5	0.0658	49.3	0.00226	0.00148	0.00000788	0.0113	0.00347	0.0646	0.0386	0.00000827	40.1	0.0000359	0.00162	0.000536	0.00201
2090 Apr	148	0.075	0.0235	0.00284	19.6	0.0659	49.4	0.00227	0.00149	0.00000789	0.0114	0.00348	0.0647	0.0387	0.00000829	40.1	0.0000359	0.00162	0.000537	0.00202
2090 May	150	0.0756	0.0237	0.00286	19.7	0.0665	50.2	0.00229	0.0015	0.00000795	0.0114	0.00352	0.0656	0.0391	0.00000835	40.6	0.0000363	0.00164	0.000544	0.00204
2090 Jun	140	0.0706	0.0231	0.00256	19.5	0.0598	42.9	0.0021	0.00147	0.00000776	0.0112	0.00322	0.0574	0.0387	0.0000081	38.8	0.0000357	0.00146	0.000542	0.00191
2090 Jul	142	0.0695	0.0232	0.00264	19.4	0.0612	44.2	0.00216	0.0015	0.00000791	0.0114	0.00328	0.0592	0.0386	0.00000826	39	0.0000364	0.0015	0.000538	0.00194
2090 Aug	136	0.0658	0.0216	0.00253	18.3	0.0618	44.2	0.00207	0.00143	0.00000759	0.0108	0.00317	0.0597	0.0361	0.00000794	37	0.0000339	0.00149	0.000497	0.00188
2090 Sep	133	0.0672	0.0204	0.00247	17.6	0.062	43.8	0.00202	0.00139	0.00000736	0.0105	0.00308	0.0592	0.0345	0.00000771	35.7	0.0000325	0.00147	0.000468	0.00183
2090 Oct	128	0.0698	0.0192	0.00243	17	0.061	42.4	0.00197	0.00134	0.00000711	0.0103	0.00298	0.0571	0.0328	0.00000744	34.3	0.0000311	0.0014	0.000439	0.00177
2090 Nov	127	0.0702	0.0189	0.00243	16.9	0.0608	42.3	0.00197	0.00133	0.00000704	0.0102	0.00296	0.0567	0.0324	0.00000738	34	0.0000308	0.00139	0.000432	0.00176
2090 Dec	127	0.0702	0.0189	0.00242	16.9	0.0608	42.3	0.00197	0.00133	0.00000704	0.0102	0.00296	0.0568	0.0324	0.00000738	34	0.0000308	0.00139	0.000432	0.00176
2091 Jan	127	0.0703	0.0189	0.00243	16.9	0.0609	42.4	0.00197	0.00133	0.00000704	0.0102	0.00297	0.0569	0.0324	0.00000738	34	0.0000308	0.0014	0.000432	0.00176
2091 Feb	127	0.0703	0.0189	0.00243	16.9	0.0609	42.4	0.00197	0.00133	0.00000704	0.0102	0.00297	0.0569	0.0324	0.00000738	34	0.0000308	0.0014	0.000432	0.00176
2091 Mar	127	0.0704	0.0189	0.00244	16.9	0.0609	42.5	0.00197	0.00133	0.00000704	0.0102	0.00298	0.0569	0.0324	0.00000738	34.1	0.0000308	0.0014	0.000433	0.00176
2091 Apr	128	0.0706	0.019	0.00245	16.9	0.0611	42.7	0.00199	0.00133	0.00000707	0.0102	0.00299	0.0571	0.0326	0.00000741	34.2	0.0000309	0.0014	0.000434	0.00177
2091 May	129	0.0717	0.0195	0.00247	17.3	0.0612	42.8	0.002	0.00135	0.00000713	0.0103	0.00302	0.0571	0.0333	0.00000747	34.8	0.0000312	0.00141	0.000447	0.00178
2091 Jun	125	0.0711	0.0205	0.00233	18.2	0.0556	37.4	0.00193	0.00136	0.00000713	0.0103	0.0029	0.05	0.0353	0.00000743	35.2	0.0000313	0.00127	0.000484	0.00173
2091 Jul	130	0.0713	0.0209	0.00248	18.4	0.0578	39.9	0.00203	0.00139	0.00000733	0.0105	0.00303	0.0529	0.0358	0.00000764	36.1	0.0000323	0.00133	0.000491	0.00179
2091 Aug	131	0.0693	0.0203	0.00246	17.9	0.0598	41.9	0.00201	0.00137	0.00000723	0.0103	0.00304	0.0559	0.0348	0.00000757	35.7	0.0000317	0.00139	0.000475	0.0018
2091 Sep	130	0.0684	0.0197	0.00246	17.5	0.0606	42.7	0.002	0.00134	0.00000711	0.0101	0.00303	0.057	0.0338	0.00000746	35.1	0.0000307	0.00141	0.000457	0.00178
2091 Oct	129	0.0691	0.0193	0.00245	17.2	0.0611	43.2	0.00198	0.00132	0.00000703	0.0101	0.00302	0.0577	0.0332	0.00000738	34.8	0.0000305	0.00142	0.000448	0.00177
2091 Nov	127	0.0707	0.0188	0.00242	17	0.061	42.6	0.00196	0.00131	0.00000696	0.01	0.00297	0.0569	0.0326	0.0000073	34.2	0.00003	0.0014	0.000437	0.00176
2091 Dec	127	0.0708	0.0188	0.00241	17	0.061	42.6	0.00195	0.00131	0.00000696	0.01	0.00297	0.057	0.0326	0.0000073	34.2	0.00003	0.0014	0.000436	0.00176
2092 Jan	128	0.0709	0.0188	0.00241	17	0.0611	42.7	0.00195	0.00131	0.00000695	0.01	0.00297	0.0571	0.0326	0.0000073	34.2	0.00003	0.0014	0.000436	0.00176
2092 Feb	128	0.0709	0.0188	0.00242	17	0.0611	42.7	0.00196	0.00131	0.00000696	0.01	0.00297	0.0571	0.0326	0.0000073	34.3	0.00003	0.0014	0.000437	0.00176
2092 Mar	128	0.071	0.0188	0.00242	17	0.0612	42.7	0.00196	0.00131	0.00000696	0.01	0.00298	0.0572	0.0327	0.00000731	34.3	0.0000301	0.0014	0.000437	0.00176
2092 Apr	128	0.0712	0.0189	0.00243	17.1	0.0613	42.9	0.00197	0.00132	0.00000698	0.0101	0.00299	0.0573	0.0328	0.00000733	34.4	0.0000302	0.00141	0.000439	0.00177
2092 May	130	0.0722	0.0194	0.00244	17.5	0.0615	43.3	0.00197	0.00132	0.00000703	0.0101	0.00302	0.0577	0.0337	0.00000738	35.1	0.0000305	0.00143	0.000454	0.00179
2092 Jun	123	0.0676	0.0199	0.00223	17.8	0.0548	36.6	0.00186	0.00134	0.00000705	0.0101	0.00282	0.0498	0.0347	0.00000734	34.5	0.0000312	0.00126	0.000476	0.00171
2092 Jul	124	0.0648	0.0197	0.00232	17.4	0.0559	38.1	0.00192	0.00136	0.00000716	0.0103	0.00287	0.0518	0.034	0.00000746	34.3	0.0000319	0.0013	0.000464	0.00172
2092 Aug	129	0.065	0.0199	0.00239	17.5	0.0588	41	0.00197	0.00138	0.00000728	0.0104	0.00298	0.0556	0.0343	0.0000076	35	0.0000324	0.00139	0.000467	0.00178
2092 Sep	130	0.0652	0.0196	0.00243	17.2	0.0604	43	0.00199	0.00136	0.00000723	0.0104	0.00303	0.0582	0.0338	0.00000758	35.1	0.0000323	0.00144	0.00046	0.00179
2092 Oct	132	0.0655	0.0195	0.00247	17.1	0.0614	44.6	0.00201	0.00135	0.00000719	0.0103	0.00307	0.0601	0.0335	0.00000755	35.2	0.0000323	0.00149	0.000456	0.00181
2092 Nov	132	0.0657	0.0194	0.00247	17	0.0617	45.1	0.00201	0.00135	0.00000718	0.0103	0.00308	0.0607	0.0335	0.00000754	35.2	0.0000323	0.0015	0.000455	0.00181
2092 Dec	133	0.0657	0.0195	0.00248	17	0.0618	45.1	0.00201	0.00135	0.00000718	0.0103	0.00308	0.0607	0.0335	0.00000754	35.2	0.0000323	0.0015	0.000455	0.00181
2093 Jan	133	0.0658	0.0195	0.00248	17	0.0618	45.2	0.00201	0.00135	0.00000718	0.0103	0.00308	0.0608	0.0335	0.00000754	35.2	0.0000323	0.0015	0.000455	0.00181
2093 Feb	133	0.0658	0.0195	0.00248	17	0.0618	45.2	0.00201	0.00135	0.00000718	0.0103	0.00308	0.0608	0.0335	0.00000754	35.3	0.0000323	0.0015	0.000455	0.00182
2093 Mar	133	0.0659	0.0195	0.00249	17.1	0.0619	45.3	0.00202	0.00135	0.00000719	0.0104	0.00309	0.0609	0.0335	0.00000756	35.3	0.0000324	0.0015	0.000456	0.00182
2093 Apr	133	0.0661	0.0196	0.00251	17.1	0.0621	45.5	0.00203	0.00135	0.00000721	0.0104	0.0031	0.0611	0.0336	0.00000758	35.5	0.0000325	0.00151	0.000458	0.00182
2093 May	136	0.0674	0.0201	0.00253	17.5	0.0624	45.9	0.00205	0.00137	0.00000728	0.0105	0.00315	0.0615	0.0345	0.00000765	36.2	0.0000329	0.00152	0.000472	0.00185
2093 Jun	132	0.0681	0.0213	0.00243	18.6	0.0573	40.3	0.00201	0.0014	0.00000739	0.0106	0.00305	0.054	0.0367	0.00000771	36.8	0.0000333	0.00137	0.00051	0.00181
2093 Jul	135	0.0678	0.0215	0.00254	18.7	0.059	42.2	0.00208	0.00143	0.00000755	0.0108	0.00314	0.0563	0.0369	0.00000789	37.4	0.0000341	0.00142	0.000512	0.00185
2093 Aug	140	0.0679	0.0218	0.00263	18.7	0.0614	44.9	0.00214	0.00145	0.00000766	0.0109	0.00325	0.0597	0.0372	0.00000802	38.1	0.0000346	0.0015	0.000516	0.0019
2093 Sep	142	0.0684	0.0217	0.00267	18.6	0.0628	46.8	0.00216	0.00144	0.00000764	0.0109	0.0033	0.0621	0.037	0.00000802	38.3	0.0000348	0.00155	0.000514	0.00192
2093 Oct	137	0.0695	0.0205	0.00259	17.9	0.0622	46	0.00209	0.00139	0.00000737	0.0106	0.0032	0.061	0.0353	0.00000774	36.8	0.0000334	0.00152	0.000485	0.00187
2093 Nov	136	0.0707	0.02	0.00257	17.7	0.0623	45.7	0.00208	0.00137	0.0000073	0.0106	0.00317	0.0607	0.0348	0.00000767	36.4	0.000033	0.0015	0.000475	0.00185
2093 Dec	136	0.0709	0.02	0.00257	17.7	0.0623	45.7	0.00207	0.00137	0.00000729	0.0106	0.00317	0.0607	0.0347	0.00000766	36.4	0.000033	0.0015	0.000475	0.00185
2094 Jan	136	0.0709	0.02	0.00257	17.7	0.0623	45.8	0.00208	0.00137	0.00000729	0.0106	0.00317	0.0607	0.0347	0.00000766	36.4	0.000033	0.00151	0.000475	0.00185
2094 Feb	136	0.0709	0.02	0.00258	17.7	0.0623	45.8	0.00208	0.00137	0.00000729	0.0106	0.00317	0.0607	0.0348	0.00000766	36.4	0.000033	0.00151	0.000475	0.00185
2094 Mar	136	0.071	0.0201	0.00258	17.7	0.0624	45.9	0.00208	0.00137	0.0000073	0.0106	0.00318	0.0608	0.0348	0.00000767	36.5	0.000033	0.00151	0.000475	0.00186
2094 Apr	136	0.0711	0.0201	0.00259	17.8	0.0625	46	0.00209	0.00138	0.00000732	0.0106	0.00319	0.0609	0.0349	0.00000769	36.6	0.0000331	0.00151	0.000477	0.00186
2094 May	139	0.0729	0.0209	0.0026	18.5	0.0621	45.9	0.0021	0.00139	0.00000737	0.0107	0.00323	0.0605	0.0363	0.00000774	37.6	0.0000334	0.00151	0.000502	0.00189
2094 Jun	142	0.0772	0.0229	0.00257	20.2	0.0596	43.8	0.00209	0.00141	0.00000747	0.0107	0.00327	0.057	0.0399	0.00000782	39.9	0.0000339	0.00147	0.000566	0.00192
2094 Jul	148	0.0779	0.0234	0.00273	20.5	0.0624	47.2	0.0022	0.00145	0.00000766	0.011	0.00343	0.061	0.0405	0.00000804	41.1	0.0000349	0.00156	0.000576	0.00199
2094 Aug	154	0.0794	0.024	0.00287	20.9	0.0656	50.4	0.00229	0.00148	0.00000788	0.0113	0.00359	0.065	0.0415	0.00000828	42.5	0.0000359	0.00165	0.000588	0.00207
2094 Sep	156	0.0796	0.0238	0.00289	20.7	0.0669	52.2	0.0023	0.00147	0.00000784	0.0113	0.00363	0.0673	0.0411	0.00000827	42.5	0.000036	0.0017	0.000583	0.00209
2094 Oct	154	0.0793	0.023	0.00286	20	0.067	52.7	0.00227	0.00143	0.00000765	0.011	0.00358	0.0679	0.0398	0.00000808	41.6	0.0000353	0.00171	0.000563	0.00206
2094 Nov	150	0.0792	0.0221	0.00279	19.5	0.0665	52.1	0.00221	0.00139	0.00000747	0.0108	0.0035	0.0674	0.0385	0.00000789	40.5	0.0000345	0.00169	0.000542	0.00202
2094 Dec	150	0.0793	0.022	0.00278	19.4	0.0664	51.9	0.0022	0.00139	0.00000745	0.0108	0.00349	0.0671	0.0384	0.00000787	40.3	0.0000344	0.00168	0.000539	0.00202
2095 Jan	150	0.0794	0.022	0.00278	19.4	0.0665	51.9	0.00221	0.00139	0.00000745	0.0108	0.00349	0.0672	0.0384	0.00000787	40.4	0.0000344	0.00169	0.00054	0.00202
2095 Feb	150	0.0794	0.022	0.00278	19.4	0.0665	52	0.00221	0.00139	0.00000745	0.0108	0.00349	0.0672	0.0384	0.00000787	40.4	0.0000344	0.00169	0.00054	0.00202
2095 Mar	150	0.0795	0.0221	0.00279	19.4	0.0665	52	0.00221	0.00139	0.00000745	0.0108	0.0035	0.0672	0.0384	0.00000787	40.4	0.0000344	0.00169	0.00054	0.00202

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	151	0.0797	0.0221	0.00281	19.5	0.0667	52.2	0.00222	0.00139	0.00000747	0.0108	0.00351	0.0674	0.0385	0.00000789	40.6	0.0000345	0.00169	0.000542	0.00202
2095 May	152	0.0813	0.0228	0.00284	20.1	0.0662	51.9	0.00225	0.00141	0.00000754	0.0109	0.00355	0.0666	0.0397	0.00000796	41.4	0.0000347	0.00168	0.000562	0.00204
2095 Jun	153	0.0839	0.0239	0.00284	21.1	0.064	49.7	0.00226	0.00144	0.00000762	0.011	0.00356	0.063	0.0416	0.00000802	42.5	0.0000349	0.00161	0.000595	0.00204
2095 Jul	158	0.0847	0.0244	0.00295	21.3	0.0666	52.3	0.00234	0.00147	0.0000078	0.0112	0.00368	0.0664	0.0423	0.00000822	43.5	0.0000358	0.00169	0.000603	0.0021
2095 Aug	159	0.0835	0.0241	0.00298	21.1	0.0678	54.1	0.00235	0.00145	0.00000777	0.0112	0.00372	0.0687	0.0418	0.00000821	43.5	0.0000357	0.00174	0.000597	0.00212
2095 Sep	161	0.0832	0.024	0.00304	20.8	0.0689	55.8	0.00238	0.00144	0.00000774	0.0111	0.00377	0.0705	0.0414	0.00000819	43.5	0.0000356	0.00178	0.00059	0.00213
2095 Oct	163	0.0833	0.024	0.00311	20.8	0.07	57.6	0.00242	0.00144	0.00000774	0.0111	0.00384	0.0725	0.0413	0.00000821	43.9	0.0000359	0.00183	0.00059	0.00215
2095 Nov	163	0.0843	0.0239	0.00314	20.7	0.0706	58.2	0.00244	0.00144	0.00000773	0.0112	0.00386	0.0732	0.041	0.00000821	43.8	0.0000358	0.00184	0.000584	0.00215
2095 Dec	163	0.0846	0.0238	0.00314	20.6	0.0706	58.1	0.00244	0.00144	0.00000771	0.0111	0.00385	0.073	0.0409	0.00000819	43.7	0.0000357	0.00183	0.000582	0.00215
2096 Jan	163	0.0846	0.0238	0.00314	20.6	0.0706	58.1	0.00244	0.00144	0.00000771	0.0111	0.00385	0.0731	0.0409	0.00000819	43.7	0.0000357	0.00183	0.000582	0.00215
2096 Feb	163	0.0847	0.0238	0.00314	20.6	0.0706	58.1	0.00244	0.00144	0.00000771	0.0111	0.00385	0.0731	0.0409	0.0000082	43.7	0.0000357	0.00183	0.000582	0.00215
2096 Mar	163	0.0847	0.0238	0.00315	20.6	0.0706	58.2	0.00244	0.00144	0.00000772	0.0112	0.00386	0.0731	0.041	0.0000082	43.7	0.0000357	0.00183	0.000583	0.00215
2096 Apr	164	0.085	0.0239	0.00316	20.7	0.0708	58.4	0.00245	0.00144	0.00000774	0.0112	0.00387	0.0733	0.0411	0.00000822	43.9	0.0000358	0.00184	0.000584	0.00215
2096 May	166	0.0855	0.0242	0.00318	20.9	0.0714	59.3	0.00246	0.00145	0.00000777	0.0112	0.00391	0.0744	0.0416	0.00000826	44.4	0.0000362	0.00187	0.000594	0.00218
2096 Jun	147	0.0732	0.0223	0.00286	19.2	0.0636	49.1	0.00228	0.00147	0.00000778	0.0113	0.00346	0.0638	0.0382	0.00000818	39.8	0.0000363	0.0016	0.000534	0.00197
2096 Jul	148	0.0709	0.0223	0.00296	18.9	0.0646	49.7	0.00236	0.00151	0.00000802	0.0116	0.00351	0.0647	0.0378	0.00000843	39.7	0.0000374	0.00161	0.000523	0.00198
2096 Aug	152	0.0718	0.0226	0.00307	19.2	0.0669	51.9	0.00244	0.00154	0.00000818	0.0118	0.00362	0.0674	0.0383	0.00000861	40.6	0.0000379	0.00167	0.000529	0.00203
2096 Sep	151	0.0722	0.0219	0.00303	18.8	0.0674	52.3	0.0024	0.00151	0.00000803	0.0117	0.00358	0.068	0.0374	0.00000846	39.9	0.0000372	0.00168	0.000514	0.00202
2096 Oct	145	0.0738	0.0206	0.00292	18	0.0665	51	0.00231	0.00145	0.00000772	0.0113	0.00345	0.0664	0.0355	0.00000814	38.2	0.0000356	0.00163	0.000482	0.00195
2096 Nov	145	0.0742	0.0205	0.00292	18	0.0666	51.1	0.00231	0.00145	0.0000077	0.0113	0.00345	0.0665	0.0354	0.00000812	38.2	0.0000355	0.00163	0.00048	0.00195
2096 Dec	145	0.0742	0.0205	0.00292	18	0.0667	51.1	0.00231	0.00145	0.0000077	0.0113	0.00345	0.0665	0.0354	0.00000812	38.2	0.0000355	0.00163	0.00048	0.00195
2097 Jan	145	0.0742	0.0205	0.00293	18	0.0667	51.2	0.00232	0.00144	0.0000077	0.0113	0.00346	0.0665	0.0354	0.00000812	38.2	0.0000355	0.00163	0.00048	0.00195
2097 Feb	145	0.0743	0.0205	0.00293	18	0.0667	51.2	0.00232	0.00144	0.0000077	0.0113	0.00346	0.0665	0.0354	0.00000812	38.2	0.0000355	0.00163	0.00048	0.00195
2097 Mar	145	0.0743	0.0205	0.00294	18	0.0667	51.3	0.00232	0.00145	0.0000077	0.0113	0.00346	0.0666	0.0354	0.00000813	38.2	0.0000355	0.00163	0.00048	0.00195
2097 Apr	146	0.0746	0.0206	0.00295	18.1	0.0669	51.5	0.00233	0.00145	0.00000773	0.0113	0.00348	0.0668	0.0355	0.00000815	38.4	0.0000356	0.00164	0.000482	0.00196
2097 May	148	0.0758	0.0211	0.00299	18.5	0.0672	51.8	0.00237	0.00147	0.00000781	0.0114	0.00353	0.067	0.0363	0.00000824	39	0.000036	0.00165	0.000494	0.00198
2097 Jun	145	0.0766	0.0222	0.00289	19.4	0.063	47	0.00232	0.00149	0.00000787	0.0114	0.00343	0.0606	0.0382	0.00000825	39.6	0.000036	0.00152	0.000528	0.00195
2097 Jul	149	0.0772	0.0226	0.00303	19.7	0.0649	49.2	0.00241	0.00152	0.00000806	0.0117	0.00356	0.0631	0.0388	0.00000846	40.5	0.0000369	0.00157	0.000535	0.002
2097 Aug	154	0.078	0.023	0.00315	19.9	0.0673	52.1	0.00249	0.00155	0.00000819	0.0119	0.00369	0.0666	0.0393	0.00000862	41.5	0.0000377	0.00166	0.000544	0.00205
2097 Sep	157	0.0786	0.0233	0.00324	20	0.0686	54	0.00255	0.00155	0.00000825	0.012	0.00377	0.0686	0.0396	0.00000869	42.1	0.0000381	0.0017	0.000548	0.00208
2097 Oct	158	0.0786	0.0231	0.00327	19.8	0.0688	54.8	0.00256	0.00154	0.00000819	0.0119	0.00379	0.0693	0.0392	0.00000864	42	0.0000379	0.00172	0.000543	0.00208
2097 Nov	157	0.0786	0.0229	0.00326	19.6	0.0686	54.6	0.00255	0.00153	0.00000813	0.0118	0.00377	0.069	0.0389	0.00000858	41.7	0.0000376	0.00171	0.000537	0.00207
2097 Dec	156	0.0788	0.0228	0.00324	19.6	0.0686	54.4	0.00254	0.00153	0.00000811	0.0118	0.00376	0.0688	0.0387	0.00000856	41.6	0.0000375	0.0017	0.000535	0.00206
2098 Jan	156	0.0789	0.0228	0.00324	19.6	0.0686	54.4	0.00254	0.00153	0.00000811	0.0118	0.00376	0.0689	0.0387	0.00000856	41.6	0.0000375	0.0017	0.000535	0.00206
2098 Feb	156	0.0789	0.0228	0.00325	19.6	0.0686	54.4	0.00254	0.00153	0.00000811	0.0118	0.00376	0.0688	0.0387	0.00000856	41.6	0.0000375	0.0017	0.000535	0.00206
2098 Mar	156	0.079	0.0228	0.00325	19.6	0.0686	54.5	0.00254	0.00153	0.00000811	0.0118	0.00376	0.0689	0.0388	0.00000856	41.6	0.0000375	0.0017	0.000535	0.00206
2098 Apr	157	0.0792	0.0229	0.00326	19.7	0.0687	54.6	0.00255	0.00153	0.00000813	0.0118	0.00378	0.069	0.0389	0.00000858	41.8	0.0000376	0.00171	0.000537	0.00207
2098 May	156	0.0808	0.0236	0.00319	20.4	0.0667	52.6	0.00251	0.00153	0.0000081	0.0117	0.00374	0.0662	0.0403	0.00000853	42.4	0.0000373	0.00166	0.000564	0.00206
2098 Jun	150	0.0813	0.0249	0.00294	21.7	0.0599	44.5	0.00237	0.00155	0.00000811	0.0116	0.00353	0.0561	0.043	0.00000846	42.8	0.000037	0.00145	0.000611	0.002
2098 Jul	155	0.0818	0.0254	0.00307	22	0.0622	46.9	0.00246	0.00159	0.00000833	0.012	0.00367	0.0591	0.0436	0.00000871	43.8	0.0000381	0.00152	0.000619	0.00205
2098 Aug	155	0.0804	0.0249	0.00307	21.6	0.0635	48.1	0.00246	0.00157	0.00000828	0.0118	0.00367	0.0608	0.0429	0.00000867	43.4	0.0000375	0.00155	0.000606	0.00206
2098 Sep	149	0.0794	0.0233	0.00295	20.6	0.0633	47.5	0.00235	0.00151	0.00000794	0.0114	0.00353	0.0605	0.0405	0.00000832	41.4	0.0000358	0.00153	0.000567	0.00199
2098 Oct	146	0.0798	0.0221	0.00288	19.8	0.0633	47.6	0.00229	0.00145	0.00000768	0.0111	0.00345	0.0608	0.0387	0.00000806	40.1	0.0000346	0.00153	0.000538	0.00195
2098 Nov	145	0.0804	0.0218	0.00287	19.6	0.0634	47.7	0.00228	0.00144	0.00000761	0.011	0.00343	0.0608	0.0382	0.000008	39.7	0.0000343	0.00152	0.000529	0.00194
2098 Dec	145	0.0805	0.0217	0.00287	19.6	0.0635	47.7	0.00228	0.00144	0.00000761	0.011	0.00343	0.0608	0.0381	0.00000799	39.7	0.0000343	0.00152	0.000529	0.00194
2099 Jan	145	0.0805	0.0217	0.00288	19.6	0.0635	47.8	0.00228	0.00144	0.00000761	0.011	0.00344	0.0609	0.0381	0.00000799	39.7	0.0000343	0.00152	0.000529	0.00194
2099 Feb	145	0.0805	0.0218	0.00288	19.6	0.0635	47.8	0.00229	0.00144	0.00000761	0.011	0.00344	0.0609	0.0382	0.000008	39.7	0.0000343	0.00153	0.000529	0.00194
2099 Mar	145	0.0806	0.0218	0.00289	19.6	0.0636	47.9	0.00229	0.00144	0.00000762	0.0111	0.00345	0.061	0.0382	0.000008	39.8	0.0000343	0.00153	0.00053	0.00195
2099 Apr	146	0.0812	0.022	0.00291	19.7	0.0639	48.2	0.00231	0.00145	0.00000766	0.0111	0.00347	0.0613	0.0385	0.00000805	40.1	0.0000345	0.00154	0.000534	0.00196
2099 May	148	0.0851	0.0237	0.00281	21.4	0.0608	45.2	0.00226	0.00146	0.00000768	0.011	0.00346	0.057	0.0418	0.00000803	42	0.0000344	0.00147	0.000594	0.00198
2099 Jun	148	0.0863	0.0247	0.00275	22.2	0.0585	43	0.00222	0.00146	0.00000768	0.011	0.00343	0.0539	0.0436	0.00000802	42.8	0.0000344	0.00142	0.000626	0.00197
2099 Jul	152	0.0859	0.0248	0.00285	22.2	0.0608	45.8	0.00229	0.00148	0.00000779	0.0111	0.00354	0.0573	0.0437	0.00000816	43.5	0.0000351	0.00149	0.000628	0.00202
2099 Aug	155	0.0864	0.025	0.00293	22.3	0.0631	47.9	0.00235	0.0015	0.00000792	0.0113	0.00364	0.06	0.0441	0.00000831	44.2	0.0000356	0.00155	0.000632	0.00207
2099 Sep	154	0.0853	0.0244	0.00292	21.8	0.0635	48.7	0.00233	0.00147	0.00000778	0.0111	0.00361	0.061	0.0429	0.00000817	43.4	0.0000349	0.00157	0.000613	0.00205
2099 Oct	153	0.0851	0.0237	0.00292	21.3	0.0637	49.3	0.00231	0.00144	0.00000765	0.011	0.00359	0.0617	0.0418	0.00000804	42.7	0.0000344	0.00158	0.000596	0.00203
2099 Nov	152	0.0853	0.0233	0.00295	20.9	0.0637	49.7	0.00232	0.00143	0.00000756	0.0109	0.00359	0.0618	0.0411	0.00000796	42.3	0.000034	0.00157	0.000584	0.00201
2099 Dec	152	0.0854	0.0233	0.00297	20.9	0.0637	49.8	0.00233	0.00142	0.00000755	0.0109	0.0036	0.0619	0.041	0.00000796	42.3	0.000034	0.00157	0.000583	0.00201
2100 Jan	152	0.0854	0.0233	0.00297	20.9	0.0638	49.9	0.00234	0.00142	0.00000755	0.0109	0.0036	0.0619	0.041	0.00000796	42.3	0.000034	0.00158	0.000583	0.00201
2100 Feb	152	0.0855	0.0234	0.00298	20.9	0.0638	49.9	0.00234	0.00142	0.00000755	0.0109	0.00361	0.062	0.041	0.00000796	42.3	0.000034	0.00158	0.000583	0.00201
2100 Mar	152	0.0855	0.0234	0.00298	20.9	0.0638	50	0.00234	0.00142	0.00000755	0.0109	0.00361	0.062	0.0411	0.00000796	42.4	0.000034	0.00158	0.000583	0.00201
2100 Apr	153	0.0858	0.0235	0.003	21	0.064	50.2	0.00235	0.00143	0.00000758	0.0109	0.00363	0.0622	0.0412	0.00000799	42.5	0.0000341	0.00158	0.000586	0.00202
2100 May	155	0.0869	0.024	0.00299	21.5	0.064	50.3	0.00235	0.00144	0.00000763	0.0109	0.00365	0.0623	0.0422	0.00000803	43.3	0.0000345	0.0016	0.000604	0.00204
2100 Jun	146	0.0831	0.0242	0.00275	21.6	0.0582	43.2	0.00222	0.00146	0.00000764	0.0109	0.00341	0.0543	0.0425	0.00000798	42.1	0.0000344	0.00142	0.00061	0.00195
2100 Jul	147	0.0808	0.0239	0.0028	21.3	0.0596	44.7	0.00226	0.00147	0.00000774	0.0111	0.00345	0.0564	0.042	0.00000809	41.9	0.000035	0.00146	0.0006	0.00197
2100 Aug	147	0.0788	0.0233	0.0028	20.8	0.0606	45.7	0.00224	0.00145	0.00000764	0.0109	0.00344	0.0579	0.041	0.00000801	41.3	0.0000344	0.00149	0.000584	0.00196
2100 Sep	148	0.0783	0.0231	0.00285	20.5	0.0616	47.2	0.00227	0.00144	0.0000076	0.0108	0.00348	0.0596	0.0405	0.00000798	41.3	0.0000341	0.00152	0.000574	0.00196
2100 Oct	150	0.0785	0.0231	0.00292	20.4	0.0624	48.7	0.00231	0.00143	0.0000076	0.0108	0.00354	0.0611	0.0404	0.00000799	41.5	0.0000342	0.00155	0.000574	0.00198
2100 Nov	150	0.0787	0.0231	0.00293	20.4	0.0626	48.9	0.00232	0.00144	0.0000076	0.0108	0.00355	0.0613	0.0404	0.000008	41.6	0.0000343	0.00156	0.000574	0.00198
2100 Dec	150	0.0787	0.0231	0.00294	20.4	0.0626	49	0.00232	0.00144	0.0000076	0.0108	0.00355	0.0614	0.0404	0.000008	41.6	0.0000343	0.00156	0.000574	0.00198
2101 Jan	150	0.0787	0.0232	0.00294	20.4	0.0627	49.1	0.00232	0.00144	0.0000076	0.0108	0.00356	0.0616	0.0404	0.000008	41.6	0.0000343	0.00157	0.000574	0.00198
2101 Feb	150	0.0787	0.0232	0.00295	20.4	0.0627	49.2	0.00233	0.00144	0.0000076	0.0108	0.00356	0.0617	0.0404	0.000008	41.7	0.0000343	0.00157	0.000574	0.00198
2101 Mar	150	0.0788	0.0232	0.00295	20.4	0.0627	49.2	0.00233	0.00144	0.00000761	0.0108	0.00357	0.0617	0.0404	0.00000801	41.7	0.0000343	0.00157	0.000574	0.00199
2101 Apr	151	0.079	0.0232	0.00296	20.5	0.0629	49.4	0.00234	0.00144	0.00000762	0.0109	0.00358	0.0618	0.0405	0.00000803	41.8	0.0000344	0.00157	0.000576	0.00199
2101 May	151	0.0801	0.0238	0.00293	21	0.0616	48.1	0.00232	0.00144	0.00000762	0.0108	0.00356	0.06	0.0415	0.00000801	42.3	0.0000343	0.00154	0.000594	0.00199
2101 Jun	146	0.0788	0.0241	0.00278	21.3	0.0578	43.5	0.00224	0.00145	0.00000763	0.0108	0.00342	0.0546	0.0421	0.00000797	41.8	0.0000343	0.00142	0.000605	0.00194
2101 Jul	150	0.0789	0.0245	0.00292	21.4	0.0596	45.7	0.00233	0.00149	0.0000078	0.0111	0.00354	0.0569	0.0425	0.00000817	42.6	0.0000352	0.00147	0.00061	0.00198
2101 Aug	155	0.0804	0.0251	0.00305	21.8	0.0621	48.5	0.00242	0.00152	0.000008	0.0113	0.00368	0.0603	0.0434	0.00000839	43.9	0.0000361	0.00155	0.000623	0.00204

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	155	0.0803	0.0246	0.00307	21.4	0.0629	49.5	0.00243	0.0015	0.00000791	0.0112	0.00369	0.0615	0.0426	0.00000831	43.5	0.0000358	0.00158	0.000609	0.00204
2101 Oct	156	0.0805	0.0245	0.00311	21.3	0.0637	50.8	0.00245	0.00149	0.00000787	0.0112	0.00372	0.063	0.0423	0.00000829	43.5	0.0000358	0.00161	0.000605	0.00205
2101 Nov	155	0.0807	0.024	0.00308	21	0.0637	50.8	0.00242	0.00147	0.00000779	0.0111	0.00369	0.063	0.0417	0.00000821	43	0.0000354	0.0016	0.000594	0.00203
2101 Dec	155	0.0809	0.0239	0.00308	21	0.0637	50.7	0.00242	0.00147	0.00000778	0.0111	0.00368	0.0629	0.0415	0.00000819	42.9	0.0000353	0.0016	0.000592	0.00203
2102 Jan	155	0.081	0.0239	0.00308	21	0.0637	50.7	0.00242	0.00147	0.00000778	0.0111	0.00368	0.0629	0.0415	0.00000819	42.9	0.0000353	0.0016	0.000592	0.00203
2102 Feb	155	0.081	0.0239	0.00308	21	0.0637	50.7	0.00242	0.00147	0.00000778	0.0111	0.00368	0.0629	0.0415	0.00000819	42.9	0.0000353	0.0016	0.000592	0.00203
2102 Mar	155	0.081	0.024	0.00308	21	0.0637	50.7	0.00242	0.00147	0.00000778	0.0111	0.00369	0.0629	0.0416	0.00000819	42.9	0.0000353	0.0016	0.000592	0.00203
2102 Apr	155	0.0812	0.024	0.00309	21	0.0638	50.9	0.00243	0.00147	0.00000779	0.0111	0.0037	0.063	0.0416	0.00000821	43	0.0000354	0.0016	0.000594	0.00203
2102 May	156	0.0819	0.0242	0.00313	21.2	0.0643	51.4	0.00246	0.00148	0.00000786	0.0112	0.00373	0.0636	0.042	0.00000828	43.4	0.0000357	0.00162	0.000598	0.00205
2102 Jun	137	0.0691	0.0214	0.00283	18.6	0.0583	43	0.00228	0.00147	0.00000773	0.0112	0.00328	0.0553	0.0369	0.00000808	37.8	0.0000352	0.00139	0.000509	0.00183
2102 Jul	130	0.0623	0.0203	0.00279	17.5	0.0563	39.7	0.00226	0.00151	0.00000788	0.0114	0.00313	0.0521	0.0346	0.0000082	35.5	0.0000357	0.00129	0.000466	0.00175
2102 Aug	133	0.0623	0.0204	0.00287	17.5	0.0582	41.7	0.00231	0.00152	0.00000793	0.0114	0.00321	0.0544	0.0346	0.00000827	35.9	0.0000358	0.00134	0.000464	0.00178
2102 Sep	133	0.0625	0.0201	0.00289	17.3	0.0588	42.2	0.00232	0.0015	0.00000787	0.0113	0.00322	0.055	0.0342	0.00000822	35.8	0.0000353	0.00135	0.000457	0.00178
2102 Oct	128	0.0638	0.0192	0.00281	16.8	0.0578	41	0.00225	0.00145	0.00000761	0.011	0.00312	0.0533	0.0328	0.00000795	34.5	0.0000339	0.0013	0.000435	0.00172
2102 Nov	128	0.0644	0.019	0.00279	16.8	0.0578	40.8	0.00224	0.00145	0.00000758	0.011	0.0031	0.0532	0.0327	0.00000792	34.3	0.0000337	0.0013	0.000432	0.00172
2102 Dec	128	0.0644	0.019	0.00279	16.8	0.0578	40.9	0.00224	0.00145	0.00000758	0.011	0.0031	0.0533	0.0327	0.00000792	34.4	0.0000337	0.0013	0.000432	0.00172
2103 Jan	128	0.0645	0.019	0.00279	16.8	0.0578	40.9	0.00224	0.00145	0.00000758	0.011	0.00311	0.0533	0.0327	0.00000792	34.4	0.0000337	0.0013	0.000432	0.00172
2103 Feb	128	0.0645	0.019	0.0028	16.8	0.0579	41	0.00225	0.00145	0.00000758	0.011	0.00311	0.0533	0.0327	0.00000792	34.4	0.0000337	0.0013	0.000432	0.00172
2103 Mar	128	0.0645	0.0191	0.0028	16.8	0.0579	41	0.00225	0.00145	0.00000759	0.011	0.00311	0.0533	0.0327	0.00000792	34.4	0.0000337	0.0013	0.000432	0.00172
2103 Apr	128	0.0647	0.0191	0.00282	16.8	0.058	41.2	0.00226	0.00145	0.0000076	0.011	0.00312	0.0534	0.0328	0.00000794	34.5	0.0000338	0.0013	0.000433	0.00173
2103 May	130	0.0661	0.0197	0.00279	17.3	0.0581	41.5	0.00224	0.00145	0.00000761	0.011	0.00315	0.0539	0.0339	0.00000795	35.4	0.000034	0.00133	0.000455	0.00176
2103 Jun	129	0.0665	0.0207	0.0026	18.3	0.0545	37.8	0.00213	0.00146	0.00000759	0.0109	0.00305	0.0496	0.036	0.00000789	36.1	0.0000342	0.00125	0.000493	0.00174
2103 Jul	130	0.0644	0.0205	0.00267	17.9	0.0557	39.3	0.00217	0.00146	0.00000763	0.0109	0.0031	0.0514	0.0354	0.00000794	35.9	0.0000343	0.00129	0.000483	0.00175
2103 Aug	127	0.0603	0.0194	0.00264	17	0.0568	39.9	0.00214	0.00142	0.00000744	0.0105	0.00306	0.0523	0.0338	0.00000777	34.7	0.0000325	0.00129	0.000456	0.00173
2103 Sep	124	0.062	0.0184	0.00256	16.5	0.0569	39.6	0.00208	0.00138	0.00000722	0.0103	0.00298	0.052	0.0324	0.00000754	33.6	0.0000313	0.00128	0.000432	0.0017
2103 Oct	119	0.0646	0.0173	0.00248	16	0.0562	38.2	0.00201	0.00133	0.00000698	0.01	0.00287	0.0502	0.0309	0.00000729	32.2	0.00003	0.00123	0.000407	0.00164
2103 Nov	119	0.0659	0.0171	0.00247	16	0.0565	38.2	0.002	0.00133	0.00000697	0.01	0.00286	0.0502	0.0308	0.00000727	32.1	0.0000299	0.00122	0.000403	0.00164
2103 Dec	119	0.066	0.0171	0.00247	16	0.0566	38.2	0.002	0.00133	0.00000696	0.01	0.00286	0.0502	0.0308	0.00000727	32.1	0.0000299	0.00122	0.000403	0.00164
2104 Jan	119	0.066	0.0171	0.00248	16	0.0566	38.2	0.002	0.00133	0.00000696	0.01	0.00286	0.0502	0.0308	0.00000727	32.1	0.0000299	0.00122	0.000403	0.00164
2104 Feb	119	0.0661	0.0171	0.00248	16	0.0566	38.3	0.00201	0.00133	0.00000696	0.01	0.00286	0.0503	0.0308	0.00000727	32.1	0.0000299	0.00122	0.000403	0.00164
2104 Mar	119	0.0661	0.0171	0.00249	16	0.0566	38.3	0.00201	0.00133	0.00000697	0.0101	0.00287	0.0503	0.0308	0.00000728	32.2	0.0000299	0.00123	0.000403	0.00164
2104 Apr	120	0.0664	0.0172	0.0025	16.1	0.0568	38.5	0.00202	0.00133	0.00000699	0.0101	0.00288	0.0505	0.0309	0.00000731	32.3	0.00003	0.00123	0.000405	0.00165
2104 May	122	0.0688	0.0183	0.00251	17	0.0561	38.2	0.00203	0.00135	0.00000706	0.0101	0.00293	0.0496	0.0328	0.00000737	33.7	0.0000304	0.00123	0.000439	0.00168
2104 Jun	125	0.0716	0.0203	0.00246	18.6	0.0533	35.6	0.00202	0.00139	0.00000722	0.0103	0.00295	0.046	0.0362	0.0000075	35.7	0.0000313	0.00118	0.000499	0.00171
2104 Jul	128	0.0708	0.0204	0.00259	18.5	0.0549	37.9	0.0021	0.0014	0.00000731	0.0104	0.00305	0.0485	0.0362	0.00000761	36.2	0.0000318	0.00123	0.000498	0.00174
2104 Aug	130	0.0702	0.0204	0.00265	18.4	0.0568	40	0.00214	0.0014	0.00000734	0.0104	0.00312	0.0512	0.036	0.00000766	36.5	0.0000318	0.00129	0.000494	0.00177
2104 Sep	129	0.0698	0.0198	0.00265	18	0.0571	40.5	0.00213	0.00138	0.00000722	0.0103	0.0031	0.0518	0.0351	0.00000755	35.9	0.0000311	0.00129	0.00048	0.00175
2104 Oct	127	0.0712	0.0191	0.00261	17.6	0.0569	40.1	0.00209	0.00134	0.00000706	0.0101	0.00305	0.0512	0.034	0.00000739	35	0.0000303	0.00127	0.00046	0.00172
2104 Nov	126	0.0717	0.0189	0.0026	17.5	0.0569	39.9	0.00208	0.00134	0.00000703	0.0101	0.00303	0.051	0.0337	0.00000735	34.8	0.0000302	0.00127	0.000456	0.00171
2104 Dec	126	0.0718	0.0189	0.0026	17.5	0.057	40	0.00208	0.00134	0.00000703	0.0101	0.00303	0.0511	0.0337	0.00000735	34.8	0.0000302	0.00127	0.000456	0.00171
2105 Jan	126	0.0718	0.0189	0.0026	17.5	0.057	40	0.00208	0.00134	0.00000703	0.0101	0.00303	0.0511	0.0337	0.00000735	34.8	0.0000302	0.00127	0.000456	0.00171
2105 Feb	126	0.0718	0.0189	0.0026	17.5	0.057	40.1	0.00209	0.00134	0.00000703	0.0101	0.00303	0.0511	0.0337	0.00000735	34.8	0.0000302	0.00127	0.000456	0.00171
2105 Mar	126	0.0718	0.0189	0.00261	17.5	0.057	40.1	0.00209	0.00134	0.00000703	0.0101	0.00304	0.0511	0.0337	0.00000735	34.8	0.0000302	0.00127	0.000456	0.00171
2105 Apr	127	0.072	0.019	0.00262	17.5	0.0571	40.3	0.0021	0.00134	0.00000704	0.0101	0.00305	0.0513	0.0338	0.00000737	34.9	0.0000302	0.00127	0.000457	0.00172
2105 May	129	0.0737	0.0198	0.00264	18.2	0.0571	40.5	0.00211	0.00136	0.00000712	0.0102	0.0031	0.0513	0.0352	0.00000744	36	0.0000307	0.00128	0.000481	0.00175
2105 Jun	132	0.0765	0.0212	0.00262	19.4	0.0556	39.3	0.00211	0.00138	0.00000721	0.0103	0.00313	0.0495	0.0377	0.00000752	37.7	0.0000312	0.00127	0.000526	0.00178
2105 Jul	136	0.076	0.0213	0.00272	19.3	0.0576	42	0.00217	0.00139	0.00000728	0.0104	0.00324	0.0526	0.0377	0.00000762	38.2	0.0000318	0.00134	0.000527	0.00182
2105 Aug	137	0.0738	0.0207	0.00271	18.8	0.0594	44.3	0.00216	0.00136	0.00000718	0.0102	0.00326	0.0559	0.0368	0.00000754	37.9	0.0000314	0.00141	0.000513	0.00183
2105 Sep	133	0.0736	0.0195	0.00264	18	0.0595	44	0.0021	0.00131	0.00000695	0.0099	0.00316	0.0559	0.0349	0.0000073	36.4	0.00003	0.00139	0.00048	0.00179
2105 Oct	131	0.0737	0.0189	0.00264	17.5	0.0595	44.4	0.00208	0.00128	0.0000068	0.00975	0.00314	0.0562	0.0339	0.00000717	35.7	0.0000295	0.00139	0.000465	0.00177
2105 Nov	130	0.0739	0.0186	0.00261	17.3	0.0593	44.1	0.00206	0.00127	0.00000674	0.00969	0.00311	0.0558	0.0335	0.0000071	35.3	0.0000292	0.00138	0.000458	0.00175
2105 Dec	130	0.0739	0.0186	0.00261	17.3	0.0593	44.1	0.00206	0.00127	0.00000674	0.00969	0.00311	0.0558	0.0335	0.0000071	35.3	0.0000292	0.00138	0.000458	0.00175
2106 Jan	130	0.074	0.0186	0.00262	17.3	0.0593	44.1	0.00207	0.00127	0.00000674	0.00969	0.00311	0.0558	0.0335	0.0000071	35.3	0.0000292	0.00138	0.000458	0.00175
2106 Feb	130	0.074	0.0186	0.00262	17.3	0.0593	44.1	0.00207	0.00127	0.00000674	0.00969	0.00312	0.0558	0.0335	0.0000071	35.4	0.0000292	0.00138	0.000458	0.00175
2106 Mar	130	0.074	0.0186	0.00263	17.4	0.0593	44.2	0.00207	0.00127	0.00000674	0.00969	0.00312	0.0559	0.0335	0.0000071	35.4	0.0000292	0.00138	0.000458	0.00175
2106 Apr	131	0.0742	0.0187	0.00264	17.4	0.0595	44.4	0.00208	0.00127	0.00000676	0.00971	0.00313	0.056	0.0336	0.00000712	35.5	0.0000293	0.00139	0.000459	0.00176
2106 May	133	0.0752	0.0191	0.00268	17.7	0.0599	44.9	0.00211	0.00129	0.00000683	0.00981	0.00318	0.0566	0.0342	0.0000072	36.1	0.0000296	0.0014	0.00047	0.00178
2106 Jun	124	0.0697	0.019	0.00248	17.5	0.0544	38.8	0.002	0.0013	0.00000684	0.00983	0.00295	0.0497	0.0339	0.00000715	34.6	0.00003	0.00125	0.000466	0.00168
2106 Jul	126	0.0667	0.0189	0.00257	17	0.0556	40.3	0.00206	0.00132	0.00000696	0.01	0.00301	0.0517	0.0333	0.00000729	34.4	0.0000307	0.00129	0.000454	0.00169
2106 Aug	125	0.0633	0.018	0.00255	16.3	0.0572	41.7	0.00204	0.00129	0.00000684	0.0097	0.003	0.0538	0.032	0.00000718	33.6	0.0000296	0.00132	0.000433	0.00169
2106 Sep	122	0.0626	0.0171	0.00249	15.7	0.0576	41.6	0.00199	0.00125	0.00000665	0.0094	0.00293	0.054	0.0305	0.00000699	32.5	0.0000282	0.00132	0.000407	0.00165
2106 Oct	122	0.0632	0.0168	0.00248	15.6	0.0581	42.1	0.00197	0.00124	0.0000066	0.00938	0.00292	0.0547	0.0302	0.00000695	32.4	0.0000281	0.00133	0.000402	0.00165
2106 Nov	122	0.0634	0.0168	0.00248	15.6	0.0583	42.2	0.00197	0.00124	0.00000661	0.00939	0.00293	0.0549	0.0302	0.00000696	32.4	0.0000281	0.00134	0.000402	0.00166
2106 Dec	122	0.0634	0.0168	0.00248	15.6	0.0583	42.3	0.00198	0.00125	0.00000661	0.00939	0.00293	0.055	0.0302	0.00000696	32.4	0.0000281	0.00134	0.000402	0.00166
2107 Jan	122	0.0635	0.0168	0.00249	15.6	0.0583	42.3	0.00198	0.00125	0.00000661	0.00939	0.00293	0.055	0.0302	0.00000696	32.4	0.0000281	0.00134	0.000402	0.00166
2107 Feb	122	0.0635	0.0168	0.00249	15.6	0.0583	42.4	0.00198	0.00125	0.00000661	0.0094	0.00294	0.055	0.0302	0.00000696	32.5	0.0000281	0.00134	0.000403	0.00166
2107 Mar	122	0.0635	0.0169	0.0025	15.6	0.0584	42.4	0.00199	0.00125	0.00000662	0.0094	0.00294	0.0551	0.0303	0.00000696	32.5	0.0000282	0.00134	0.000403	0.00166
2107 Apr	123	0.0636	0.0169	0.00251	15.7	0.0584	42.5	0.00199	0.00125	0.00000662	0.00941	0.00295	0.0551	0.0303	0.00000697	32.6	0.0000282	0.00134	0.000404	0.00166
2107 May	124	0.0654	0.0176	0.0025	16.3	0.0577	41.7	0.00199	0.00126	0.00000669	0.00948	0.00296	0.0539	0.0317	0.00000703	33.4	0.0000285	0.00132	0.000427	0.00168
2107 Jun	126	0.0705	0.02	0.00243	18.4	0.0541	38.2	0.00197	0.0013	0.00000684	0.00961	0.00298	0.0488	0.0359	0.00000714	35.9	0.0000292	0.00125	0.000502	0.00171
2107 Jul	129	0.0691	0.02	0.00253	18.2	0.0555	40.4	0.00203	0.0013	0.00000685	0.00961	0.00306	0.0512	0.0356	0.00000718	36.1	0.0000294	0.0013	0.000497	0.00173
2107 Aug	134	0.0693	0.0203	0.00266	18.2	0.058	43.6	0.00211	0.00132	0.00000696	0.00974	0.0032	0.0549	0.0359	0.00000732	37	0.00003	0.00138	0.000502	0.00179
2107 Sep	136	0.0699	0.0203	0.00273	18.2	0.0592	45.3	0.00215	0.00132	0.00000697	0.00978	0.00326	0.0569	0.0358	0.00000735	37.3	0.0000302	0.00143	0.0005	0.00181
2107 Oct	136	0.0703	0.02	0.00273	18	0.0597	45.9	0.00214	0.00131	0.00000693	0.00975	0.00326	0.0575	0.0354	0.0000073	37.1	0.00003	0.00144	0.000494	0.00181
2107 Nov	135	0.0706	0.0199	0.00271	17.9	0.0596	45.7	0.00213	0.0013	0.0000069	0.00974	0.00324	0.0574	0.0352	0.00000728	36.9	0.0000299	0.00143	0.000491	0.0018
2107 Dec	135	0.0706	0.0199	0.00271	17.9	0.0597	45.8	0.00213	0.0013	0.0000069	0.00974	0.00324	0.0576	0.0352	0.00000728	37	0.00003	0.00144	0.00049	0.0018
2108 Jan	135	0.0706	0.0199	0.00272	17.9	0.0598	45.9	0.00214	0.0013	0.00000691	0.00974	0.00325	0.0576	0.0352	0.00000728	37	0.00003	0.00144	0.000491	0.00181

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	136	0.0706	0.0199	0.00272	17.9	0.0598	45.9	0.00214	0.0013	0.00000691	0.00974	0.00325	0.0576	0.0352	0.00000728	37	0.00003	0.00144	0.000491	0.00181
2108 Mar	136	0.0707	0.0199	0.00273	18	0.0598	46	0.00214	0.0013	0.00000691	0.00974	0.00326	0.0577	0.0353	0.00000729	37	0.00003	0.00144	0.000491	0.00181
2108 Apr	136	0.0711	0.02	0.00275	18	0.0601	46.3	0.00216	0.00131	0.00000695	0.00979	0.00328	0.058	0.0355	0.00000733	37.2	0.0000301	0.00145	0.000494	0.00182
2108 May	139	0.0721	0.0204	0.00281	18.3	0.0608	47.1	0.0022	0.00133	0.00000703	0.00991	0.00334	0.0588	0.036	0.00000742	37.8	0.0000305	0.00147	0.000501	0.00184
2108 Jun	129	0.0658	0.0194	0.00268	17.3	0.0568	41.6	0.00214	0.00135	0.00000712	0.0101	0.00311	0.053	0.034	0.00000746	35.3	0.0000311	0.00132	0.000465	0.00173
2108 Jul	131	0.0649	0.0196	0.00282	17.2	0.058	43.2	0.00223	0.00139	0.00000729	0.0104	0.0032	0.0547	0.0339	0.00000765	35.6	0.000032	0.00135	0.000461	0.00175
2108 Aug	138	0.0664	0.0203	0.00299	17.6	0.0612	47	0.00235	0.00142	0.0000075	0.0107	0.00338	0.0591	0.0348	0.00000789	37.1	0.0000331	0.00145	0.000475	0.00183
2108 Sep	140	0.067	0.0203	0.00305	17.6	0.0623	48.4	0.00238	0.00142	0.00000753	0.0107	0.00344	0.0608	0.0349	0.00000793	37.5	0.0000334	0.00149	0.000475	0.00185
2108 Oct	135	0.0689	0.0192	0.00293	17.1	0.0613	46.5	0.0023	0.00138	0.0000073	0.0105	0.0033	0.0586	0.0334	0.00000768	36	0.0000321	0.00143	0.00045	0.0018
2108 Nov	134	0.0697	0.019	0.00291	17	0.0612	46.1	0.00228	0.00137	0.00000726	0.0104	0.00328	0.0582	0.0332	0.00000764	35.7	0.0000318	0.00142	0.000445	0.00179
2108 Dec	134	0.0697	0.019	0.00291	17	0.0613	46.2	0.00228	0.00137	0.00000726	0.0104	0.00328	0.0583	0.0332	0.00000765	35.7	0.0000319	0.00142	0.000445	0.00179
2109 Jan	134	0.0697	0.019	0.00292	17	0.0613	46.3	0.00228	0.00137	0.00000726	0.0104	0.00328	0.0583	0.0332	0.00000765	35.7	0.0000319	0.00142	0.000445	0.00179
2109 Feb	134	0.0698	0.019	0.00292	17	0.0613	46.3	0.00229	0.00137	0.00000726	0.0105	0.00329	0.0583	0.0332	0.00000765	35.8	0.0000319	0.00142	0.000445	0.00179
2109 Mar	134	0.0698	0.0191	0.00293	17	0.0613	46.4	0.00229	0.00137	0.00000727	0.0105	0.00329	0.0583	0.0332	0.00000765	35.8	0.0000319	0.00142	0.000446	0.00179
2109 Apr	135	0.0701	0.0192	0.00295	17.1	0.0615	46.6	0.0023	0.00138	0.00000729	0.0105	0.00331	0.0585	0.0333	0.00000768	35.9	0.000032	0.00143	0.000447	0.00179
2109 May	137	0.0725	0.0202	0.00293	18	0.0606	45.6	0.0023	0.0014	0.00000737	0.0106	0.00333	0.057	0.0351	0.00000775	37.1	0.0000323	0.00141	0.000479	0.00182
2109 Jun	139	0.0767	0.022	0.00287	19.7	0.0581	43	0.00228	0.00143	0.00000748	0.0106	0.00335	0.0533	0.0386	0.00000783	39.2	0.0000328	0.00135	0.000539	0.00185
2109 Jul	140	0.0742	0.0217	0.00292	19.3	0.0597	45.1	0.00231	0.00142	0.00000746	0.0106	0.0034	0.0559	0.0379	0.00000783	39	0.0000327	0.00141	0.000528	0.00187
2109 Aug	141	0.0718	0.0212	0.00296	18.8	0.0615	46.7	0.00232	0.00141	0.00000745	0.0105	0.00343	0.058	0.0371	0.00000783	38.7	0.0000321	0.00145	0.000514	0.00188
2109 Sep	141	0.0722	0.0206	0.00291	18.4	0.0625	47.6	0.00229	0.00139	0.00000734	0.0104	0.00341	0.0596	0.0363	0.00000773	38.2	0.0000318	0.00148	0.000501	0.00188
2109 Oct	134	0.0741	0.0191	0.00278	17.6	0.0614	45.7	0.00218	0.00133	0.00000703	0.0101	0.00324	0.0574	0.0341	0.00000741	36.2	0.0000302	0.00141	0.000464	0.00181
2109 Nov	134	0.0745	0.019	0.00278	17.6	0.0615	45.8	0.00218	0.00132	0.00000702	0.01	0.00324	0.0575	0.034	0.0000074	36.1	0.0000302	0.00142	0.000462	0.0018
2109 Dec	134	0.0745	0.019	0.00278	17.6	0.0616	45.9	0.00218	0.00132	0.00000702	0.0101	0.00324	0.0576	0.034	0.0000074	36.2	0.0000302	0.00142	0.000462	0.00181
2110 Jan	134	0.0745	0.019	0.00278	17.6	0.0616	45.9	0.00219	0.00132	0.00000702	0.0101	0.00325	0.0577	0.034	0.0000074	36.2	0.0000302	0.00142	0.000462	0.00181
2110 Feb	134	0.0746	0.019	0.00279	17.6	0.0616	46	0.00219	0.00133	0.00000702	0.0101	0.00325	0.0577	0.034	0.0000074	36.2	0.0000302	0.00142	0.000462	0.00181
2110 Mar	134	0.0746	0.019	0.0028	17.6	0.0616	46	0.0022	0.00133	0.00000703	0.0101	0.00326	0.0577	0.0341	0.00000741	36.2	0.0000302	0.00142	0.000462	0.00181
2110 Apr	135	0.0748	0.0191	0.00281	17.6	0.0618	46.2	0.0022	0.00133	0.00000704	0.0101	0.00327	0.0578	0.0341	0.00000742	36.3	0.0000303	0.00142	0.000463	0.00181
2110 May	136	0.0755	0.0194	0.00283	17.9	0.0621	46.6	0.00222	0.00134	0.00000709	0.0101	0.0033	0.0583	0.0347	0.00000747	36.9	0.0000306	0.00144	0.000474	0.00183
2110 Jun	134	0.0751	0.021	0.00259	19.2	0.0566	41	0.00208	0.00136	0.00000713	0.0101	0.00315	0.0519	0.0375	0.00000745	37.7	0.0000312	0.00133	0.000527	0.0018
2110 Jul	137	0.074	0.0211	0.00271	19	0.0586	43.8	0.00216	0.00137	0.00000722	0.0103	0.00326	0.0551	0.0374	0.00000758	38.2	0.0000319	0.0014	0.000525	0.00184
2110 Aug	125	0.0641	0.0183	0.00248	16.9	0.0576	41.1	0.00199	0.00128	0.00000675	0.00933	0.003	0.0526	0.0331	0.00000708	34.2	0.0000278	0.00131	0.000452	0.00171
2110 Sep	117	0.0655	0.0166	0.00233	15.9	0.0567	39	0.00187	0.00121	0.00000641	0.00897	0.00281	0.0506	0.0306	0.00000673	31.9	0.000026	0.00124	0.000408	0.00163
2110 Oct	112	0.0687	0.0152	0.00221	15.3	0.0559	37.2	0.00178	0.00117	0.00000617	0.00879	0.00266	0.0485	0.0288	0.00000647	30.3	0.0000248	0.00118	0.000376	0.00157
2110 Nov	111	0.069	0.015	0.00219	15.2	0.0559	37	0.00177	0.00116	0.00000613	0.00877	0.00264	0.0485	0.0286	0.00000643	30	0.0000247	0.00118	0.000372	0.00156
2110 Dec	111	0.0691	0.015	0.00219	15.2	0.056	37.1	0.00177	0.00116	0.00000613	0.00877	0.00265	0.0486	0.0285	0.00000643	30	0.0000247	0.00118	0.000372	0.00156
2111 Jan	111	0.0692	0.015	0.00219	15.2	0.056	37.2	0.00177	0.00116	0.00000614	0.00877	0.00265	0.0486	0.0286	0.00000643	30	0.0000247	0.00118	0.000372	0.00156
2111 Feb	111	0.0692	0.015	0.0022	15.2	0.056	37.2	0.00177	0.00116	0.00000614	0.00877	0.00265	0.0486	0.0286	0.00000643	30.1	0.0000247	0.00118	0.000372	0.00156
2111 Mar	112	0.0693	0.0151	0.00221	15.2	0.0561	37.3	0.00178	0.00116	0.00000614	0.00878	0.00266	0.0487	0.0286	0.00000644	30.1	0.0000247	0.00118	0.000372	0.00156
2111 Apr	112	0.0695	0.0152	0.00222	15.3	0.0563	37.5	0.00179	0.00117	0.00000617	0.00881	0.00267	0.0489	0.0287	0.00000647	30.3	0.0000248	0.00119	0.000374	0.00157
2111 May	114	0.0708	0.0158	0.00226	15.8	0.0561	37.6	0.00182	0.00118	0.00000623	0.00889	0.00272	0.0487	0.0297	0.00000654	31.1	0.0000252	0.00119	0.000391	0.00159
2111 Jun	116	0.0723	0.0179	0.0022	17.4	0.052	34.2	0.0018	0.00122	0.00000639	0.00905	0.00271	0.044	0.0332	0.00000666	33	0.0000264	0.00112	0.000455	0.0016
2111 Jul	121	0.0726	0.0184	0.00237	17.5	0.0545	37.5	0.00191	0.00125	0.00000657	0.00929	0.00287	0.0476	0.0337	0.00000686	34.1	0.0000273	0.0012	0.000462	0.00166
2111 Aug	120	0.0685	0.0174	0.00234	16.7	0.0559	38.7	0.00188	0.00122	0.00000643	0.00899	0.00285	0.0497	0.0321	0.00000674	33	0.0000262	0.00123	0.000435	0.00165
2111 Sep	118	0.0677	0.0168	0.00234	16.3	0.0568	39.2	0.00187	0.0012	0.00000633	0.00883	0.00282	0.0505	0.031	0.00000665	32.3	0.0000253	0.00124	0.000415	0.00163
2111 Oct	116	0.069	0.0161	0.00229	15.9	0.0568	38.9	0.00184	0.00118	0.00000622	0.00876	0.00277	0.0503	0.0301	0.00000654	31.6	0.0000249	0.00123	0.0004	0.0016
2111 Nov	115	0.0703	0.0157	0.00225	15.7	0.0567	38.3	0.0018	0.00116	0.00000616	0.00873	0.00272	0.0498	0.0295	0.00000647	31.1	0.0000246	0.00122	0.000389	0.00159
2111 Dec	115	0.0705	0.0157	0.00225	15.7	0.0568	38.4	0.0018	0.00116	0.00000616	0.00874	0.00272	0.0499	0.0295	0.00000647	31.1	0.0000246	0.00122	0.000389	0.00159
2112 Jan	115	0.0705	0.0157	0.00225	15.7	0.0568	38.5	0.0018	0.00116	0.00000616	0.00874	0.00272	0.05	0.0295	0.00000647	31.1	0.0000246	0.00122	0.000389	0.00159
2112 Feb	115	0.0705	0.0157	0.00225	15.7	0.0569	38.5	0.0018	0.00116	0.00000616	0.00874	0.00273	0.05	0.0296	0.00000647	31.1	0.0000247	0.00122	0.000389	0.00159
2112 Mar	115	0.0706	0.0157	0.00226	15.8	0.0569	38.6	0.00181	0.00116	0.00000617	0.00875	0.00273	0.0501	0.0296	0.00000648	31.2	0.0000247	0.00122	0.00039	0.00159
2112 Apr	115	0.0708	0.0158	0.00227	15.8	0.0571	38.8	0.00182	0.00117	0.00000619	0.00878	0.00275	0.0503	0.0297	0.0000065	31.3	0.0000248	0.00123	0.000391	0.0016
2112 May	118	0.0721	0.0165	0.00227	16.4	0.0569	38.8	0.00182	0.00118	0.00000625	0.00886	0.00278	0.0502	0.031	0.00000657	32.3	0.0000253	0.00124	0.000415	0.00163
2112 Jun	117	0.0709	0.0184	0.00214	17.7	0.0522	34.4	0.00177	0.00124	0.00000649	0.00918	0.00272	0.0452	0.034	0.00000675	33.6	0.0000272	0.00115	0.00047	0.00163
2112 Jul	120	0.0685	0.0184	0.00228	17.3	0.0537	36.9	0.00186	0.00125	0.00000658	0.00931	0.00282	0.048	0.0335	0.00000687	33.8	0.0000279	0.00121	0.000462	0.00165
2112 Aug	124	0.0682	0.0184	0.00236	17.3	0.0563	39.7	0.00191	0.00126	0.00000666	0.00939	0.00291	0.0516	0.0336	0.00000698	34.3	0.0000282	0.00129	0.000461	0.0017
2112 Sep	125	0.0681	0.018	0.00239	17	0.0576	41.2	0.00192	0.00125	0.00000661	0.00932	0.00294	0.0535	0.0329	0.00000694	34.1	0.0000279	0.00133	0.000449	0.0017
2112 Oct	125	0.0688	0.0178	0.0024	16.8	0.0584	42.2	0.00192	0.00123	0.00000656	0.00929	0.00296	0.0548	0.0325	0.0000069	34	0.0000279	0.00136	0.000443	0.00171
2112 Nov	126	0.069	0.0177	0.0024	16.7	0.0587	42.5	0.00192	0.00123	0.00000655	0.0093	0.00296	0.0553	0.0324	0.0000069	34	0.0000279	0.00137	0.000441	0.00171
2112 Dec	126	0.069	0.0177	0.0024	16.7	0.0587	42.6	0.00192	0.00123	0.00000655	0.0093	0.00296	0.0553	0.0324	0.0000069	34	0.0000279	0.00137	0.000441	0.00171
2113 Jan	126	0.069	0.0177	0.0024	16.7	0.0588	42.7	0.00192	0.00123	0.00000655	0.0093	0.00296	0.0554	0.0324	0.0000069	34	0.0000279	0.00137	0.000442	0.00171
2113 Feb	126	0.0691	0.0177	0.00241	16.7	0.0588	42.7	0.00193	0.00123	0.00000655	0.00931	0.00297	0.0554	0.0324	0.0000069	34	0.0000279	0.00137	0.000442	0.00171
2113 Mar	126	0.0692	0.0177	0.00242	16.8	0.0589	42.8	0.00193	0.00123	0.00000656	0.00932	0.00297	0.0556	0.0325	0.00000691	34.1	0.000028	0.00137	0.000443	0.00172
2113 Apr	127	0.0694	0.0178	0.00243	16.8	0.0591	43	0.00194	0.00124	0.00000659	0.00935	0.00299	0.0557	0.0326	0.00000693	34.2	0.0000281	0.00138	0.000444	0.00172
2113 May	129	0.0711	0.0185	0.00246	17.4	0.0591	43.2	0.00196	0.00126	0.00000668	0.00946	0.00304	0.0558	0.0338	0.00000702	35.2	0.0000286	0.00139	0.000465	0.00175
2113 Jun	131	0.0742	0.0205	0.0024	19.1	0.0561	39.8	0.00195	0.00131	0.00000691	0.00974	0.00304	0.0513	0.0373	0.00000722	37.2	0.0000298	0.00132	0.000525	0.00178
2113 Jul	135	0.0737	0.0208	0.00252	19.1	0.058	42.4	0.00203	0.00133	0.00000702	0.00989	0.00315	0.0542	0.0374	0.00000736	37.8	0.0000304	0.00138	0.000527	0.00182
2113 Aug	139	0.0734	0.0209	0.00261	19.1	0.0606	45.5	0.00209	0.00134	0.0000071	0.00998	0.00327	0.0581	0.0376	0.00000747	38.5	0.0000309	0.00147	0.000529	0.00187
2113 Sep	139	0.0736	0.0203	0.0026	18.7	0.0614	46.3	0.00207	0.00132	0.00000701	0.0099	0.00325	0.0594	0.0368	0.00000738	38	0.0000306	0.0015	0.000516	0.00187
2113 Oct	131	0.0749	0.0186	0.00246	17.7	0.0599	44	0.00196	0.00125	0.00000668	0.00957	0.00307	0.0567	0.0343	0.00000703	35.7	0.000029	0.00142	0.000473	0.00178
2113 Nov	130	0.0759	0.0183	0.00243	17.6	0.06	43.5	0.00194	0.00125	0.00000664	0.00956	0.00303	0.0563	0.0339	0.00000699	35.3	0.0000287	0.0014	0.000465	0.00177
2113 Dec	130	0.076	0.0183	0.00243	17.6	0.06	43.6	0.00194	0.00125	0.00000664	0.00957	0.00303	0.0563	0.0339	0.00000699	35.3	0.0000287	0.0014	0.000465	0.00177
2114 Jan	130	0.076	0.0183	0.00243	17.6	0.06	43.6	0.00194	0.00125	0.00000664	0.00957	0.00303	0.0564	0.0339	0.00000699	35.3	0.0000287	0.0014	0.000465	0.00177
2114 Feb	130	0.076	0.0183	0.00243	17.6	0.06	43.6	0.00195	0.00125	0.00000664	0.00957	0.00303	0.0564	0.0339	0.00000699	35.3	0.0000287	0.0014	0.000465	0.00177
2114 Mar	130	0.0761	0.0183	0.00244	17.6	0.0601	43.7	0.00195	0.00125	0.00000665	0.00957	0.00304	0.0564	0.0339	0.000007	35.4	0.0000288	0.00141	0.000465	0.00177
2114 Apr	130	0.0763	0.0184	0.00245	17.6	0.0602	43.8	0.00196	0.00125	0.00000666	0.0096	0.00305	0.0566	0.034	0.00000702	35.5	0.0000288	0.00141	0.000467	0.00178
2114 May	133	0.0781	0.0194	0.00244	18.5	0.0598	43.6	0.00196	0.00127	0.00000675	0.00969	0.00309	0.0562	0.0358	0.0000071	36.8	0.0000294	0.00142	0.000498	0.00181
2114 Jun	137	0.0808	0.0211	0.00244	19.8	0.0584	42.7	0.00198	0.0013	0.0000069	0.00985	0.00315	0.0546	0.0386	0.00000723	38.7	0.0000303	0.00141	0.000549	0.00185

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	143	0.0813	0.0215	0.00261	20	0.0611	46.2	0.00209	0.00133	0.00000707	0.0101	0.00332	0.0586	0.0392	0.00000744	39.9	0.0000313	0.0015	0.000557	0.00192
2114 Aug	148	0.0824	0.022	0.00273	20.3	0.0642	49.3	0.00217	0.00136	0.00000726	0.0103	0.00346	0.0625	0.0399	0.00000765	41	0.0000322	0.00159	0.000567	0.00199
2114 Sep	148	0.0818	0.0213	0.00271	19.8	0.0649	50.2	0.00214	0.00134	0.00000715	0.0102	0.00344	0.0639	0.0389	0.00000755	40.4	0.0000318	0.00161	0.000551	0.00198
2114 Oct	145	0.0815	0.0205	0.00267	19.2	0.065	50.5	0.00211	0.0013	0.00000697	0.01	0.00339	0.0644	0.0375	0.00000738	39.4	0.0000311	0.00162	0.000529	0.00195
2114 Nov	142	0.0815	0.0197	0.00259	18.7	0.0645	49.8	0.00205	0.00127	0.00000683	0.00988	0.00331	0.0637	0.0364	0.00000723	38.4	0.0000305	0.0016	0.000511	0.00192
2114 Dec	142	0.0816	0.0196	0.00259	18.6	0.0645	49.7	0.00205	0.00127	0.00000682	0.00988	0.0033	0.0636	0.0363	0.00000722	38.3	0.0000304	0.00159	0.000509	0.00192
2115 Jan	142	0.0816	0.0196	0.00259	18.6	0.0645	49.7	0.00205	0.00127	0.00000682	0.00988	0.0033	0.0637	0.0363	0.00000722	38.3	0.0000304	0.00159	0.000509	0.00192
2115 Feb	142	0.0816	0.0197	0.00259	18.7	0.0646	49.7	0.00205	0.00127	0.00000682	0.00988	0.0033	0.0637	0.0363	0.00000722	38.3	0.0000305	0.0016	0.000509	0.00192
2115 Mar	142	0.0817	0.0197	0.00259	18.7	0.0646	49.8	0.00205	0.00127	0.00000682	0.00988	0.00331	0.0638	0.0364	0.00000722	38.4	0.0000305	0.0016	0.000509	0.00192
2115 Apr	143	0.082	0.0198	0.00261	18.7	0.0648	50	0.00206	0.00127	0.00000684	0.00991	0.00332	0.064	0.0365	0.00000725	38.5	0.0000306	0.0016	0.000511	0.00193
2115 May	144	0.0835	0.0206	0.00263	19.4	0.0642	49.5	0.00208	0.00129	0.00000693	0.01	0.00336	0.063	0.0378	0.00000733	39.5	0.0000309	0.00159	0.000534	0.00194
2115 Jun	146	0.0856	0.0215	0.00264	20.2	0.0631	48.2	0.0021	0.00132	0.00000705	0.0101	0.00338	0.0611	0.0395	0.00000744	40.5	0.0000314	0.00156	0.000562	0.00196
2115 Jul	150	0.0856	0.0218	0.00273	20.3	0.0654	50.8	0.00216	0.00134	0.00000718	0.0103	0.00349	0.0644	0.0398	0.00000759	41.3	0.0000322	0.00163	0.000566	0.00201
2115 Aug	148	0.0823	0.021	0.00269	19.6	0.066	51.6	0.00213	0.00131	0.00000704	0.0101	0.00345	0.0657	0.0385	0.00000746	40.3	0.0000314	0.00166	0.000545	0.00199
2115 Sep	149	0.0813	0.0206	0.00273	19.2	0.067	52.9	0.00214	0.0013	0.00000699	0.00999	0.00347	0.0673	0.0378	0.00000742	40.1	0.000031	0.00169	0.000533	0.00199
2115 Oct	151	0.0814	0.0207	0.0028	19.1	0.068	54.7	0.00218	0.00129	0.00000699	0.01	0.00354	0.0693	0.0376	0.00000744	40.3	0.0000312	0.00173	0.000532	0.00201
2115 Nov	151	0.0824	0.0204	0.00281	19	0.0685	55	0.00219	0.00129	0.00000698	0.01	0.00354	0.0697	0.0374	0.00000743	40.2	0.0000312	0.00174	0.000526	0.00201
2115 Dec	151	0.0826	0.0204	0.0028	19	0.0685	54.8	0.00218	0.00129	0.00000697	0.01	0.00353	0.0695	0.0373	0.00000742	40.1	0.0000311	0.00173	0.000524	0.00201
2116 Jan	151	0.0826	0.0204	0.0028	19	0.0685	54.9	0.00218	0.00129	0.00000697	0.01	0.00353	0.0696	0.0373	0.00000742	40.1	0.0000311	0.00173	0.000524	0.00201
2116 Feb	151	0.0827	0.0204	0.00281	19	0.0685	54.9	0.00218	0.00129	0.00000697	0.01	0.00353	0.0696	0.0373	0.00000742	40.1	0.0000311	0.00173	0.000524	0.00201
2116 Mar	151	0.0827	0.0204	0.00281	19	0.0685	54.9	0.00219	0.00129	0.00000697	0.01	0.00354	0.0696	0.0373	0.00000743	40.2	0.0000312	0.00173	0.000525	0.00201
2116 Apr	151	0.083	0.0205	0.00282	19.1	0.0687	55.1	0.0022	0.00129	0.00000699	0.0101	0.00355	0.0698	0.0374	0.00000745	40.3	0.0000313	0.00174	0.000527	0.00202
2116 May	153	0.0836	0.0209	0.0028	19.5	0.0688	55.3	0.00219	0.0013	0.00000703	0.0101	0.00357	0.0702	0.0382	0.00000748	40.9	0.0000316	0.00176	0.000542	0.00204
2116 Jun	145	0.08	0.0219	0.00259	20.1	0.0623	47.2	0.00209	0.00137	0.00000727	0.0104	0.00335	0.061	0.0397	0.00000764	40.4	0.0000328	0.00156	0.000565	0.00196
2116 Jul	150	0.0797	0.0223	0.00275	20.2	0.0643	49.6	0.0022	0.0014	0.00000748	0.0107	0.00348	0.0637	0.04	0.00000788	41.2	0.0000339	0.00162	0.000568	0.00201
2116 Aug	153	0.0801	0.0224	0.00283	20.4	0.0667	51.9	0.00225	0.00142	0.0000076	0.0108	0.00357	0.0666	0.0404	0.00000802	41.9	0.0000343	0.00168	0.000572	0.00206
2116 Sep	148	0.0803	0.021	0.00271	19.4	0.0663	50.8	0.00216	0.00137	0.00000732	0.0106	0.00344	0.0657	0.0382	0.00000774	40	0.000033	0.00165	0.000536	0.002
2116 Oct	142	0.0815	0.0195	0.00262	18.6	0.0655	49.5	0.00208	0.00132	0.00000705	0.0103	0.00331	0.0641	0.0361	0.00000745	38.2	0.0000316	0.0016	0.000499	0.00193
2116 Nov	142	0.0818	0.0195	0.00262	18.5	0.0658	49.7	0.00208	0.00131	0.00000705	0.0103	0.00331	0.0645	0.036	0.00000745	38.1	0.0000316	0.0016	0.000497	0.00193
2116 Dec	142	0.0818	0.0194	0.00262	18.5	0.0659	49.8	0.00208	0.00131	0.00000705	0.0103	0.00331	0.0646	0.036	0.00000745	38.1	0.0000316	0.00161	0.000497	0.00193
2117 Jan	142	0.0818	0.0194	0.00262	18.5	0.0659	49.8	0.00208	0.00131	0.00000705	0.0103	0.00331	0.0646	0.036	0.00000745	38.1	0.0000316	0.00161	0.000497	0.00193
2117 Feb	142	0.0818	0.0195	0.00262	18.5	0.0659	49.8	0.00209	0.00131	0.00000705	0.0103	0.00331	0.0646	0.036	0.00000745	38.2	0.0000316	0.00161	0.000497	0.00193
2117 Mar	143	0.0819	0.0195	0.00263	18.6	0.0659	49.9	0.00209	0.00131	0.00000705	0.0103	0.00332	0.0647	0.036	0.00000745	38.2	0.0000316	0.00161	0.000498	0.00193
2117 Apr	143	0.0822	0.0196	0.00264	18.6	0.0662	50.1	0.0021	0.00132	0.00000708	0.0103	0.00333	0.0649	0.0362	0.00000748	38.4	0.0000318	0.00161	0.0005	0.00194
2117 May	145	0.0837	0.0202	0.00268	19.2	0.066	50.1	0.00213	0.00134	0.00000717	0.0104	0.00338	0.0645	0.0373	0.00000757	39.2	0.0000321	0.00161	0.000518	0.00196
2117 Jun	146	0.0865	0.0219	0.00265	20.6	0.0632	47	0.00213	0.00138	0.00000732	0.0106	0.00338	0.0602	0.0402	0.00000769	40.8	0.0000327	0.00154	0.000568	0.00198
2117 Jul	151	0.087	0.0223	0.00278	20.8	0.0652	49.5	0.00222	0.0014	0.00000747	0.0108	0.00351	0.0629	0.0406	0.00000786	41.7	0.0000334	0.0016	0.000574	0.00202
2117 Aug	155	0.0874	0.0226	0.00288	20.9	0.0676	52.4	0.00228	0.00142	0.00000756	0.0109	0.00362	0.0664	0.041	0.00000799	42.6	0.000034	0.00168	0.00058	0.00208
2117 Sep	158	0.0878	0.0227	0.00294	20.9	0.0689	54.1	0.00232	0.00142	0.0000076	0.011	0.00369	0.0685	0.0411	0.00000804	43	0.0000344	0.00173	0.000581	0.0021
2117 Oct	157	0.0875	0.0224	0.00295	20.6	0.0689	54.5	0.00232	0.0014	0.00000752	0.0109	0.00368	0.0688	0.0405	0.00000797	42.6	0.0000341	0.00173	0.000572	0.00209
2117 Nov	156	0.0876	0.0222	0.00293	20.5	0.0687	54.2	0.0023	0.0014	0.00000748	0.0108	0.00366	0.0685	0.0402	0.00000793	42.3	0.0000339	0.00172	0.000567	0.00208
2117 Dec	156	0.0877	0.0221	0.00293	20.5	0.0687	54.1	0.0023	0.0014	0.00000747	0.0108	0.00365	0.0684	0.0401	0.00000792	42.2	0.0000338	0.00172	0.000565	0.00208
2118 Jan	156	0.0877	0.0221	0.00293	20.5	0.0687	54.1	0.0023	0.00139	0.00000747	0.0108	0.00365	0.0684	0.0401	0.00000791	42.2	0.0000338	0.00172	0.000565	0.00208
2118 Feb	156	0.0877	0.0221	0.00293	20.5	0.0687	54.2	0.0023	0.00139	0.00000747	0.0108	0.00365	0.0684	0.0401	0.00000792	42.3	0.0000338	0.00172	0.000566	0.00208
2118 Mar	156	0.0878	0.0221	0.00294	20.5	0.0687	54.2	0.0023	0.0014	0.00000748	0.0108	0.00366	0.0684	0.0401	0.00000792	42.3	0.0000338	0.00172	0.000566	0.00208
2118 Apr	156	0.0881	0.0222	0.00295	20.6	0.0689	54.4	0.00231	0.0014	0.0000075	0.0109	0.00367	0.0686	0.0403	0.00000794	42.5	0.0000339	0.00172	0.000569	0.00209
2118 May	155	0.0893	0.0232	0.00284	21.5	0.0658	51.1	0.00225	0.0014	0.00000749	0.0108	0.00361	0.0643	0.0421	0.0000079	43.2	0.0000337	0.00165	0.000602	0.00207
2118 Jun	154	0.0914	0.0253	0.00271	23.3	0.0606	45.2	0.00219	0.00145	0.00000765	0.0109	0.00353	0.0567	0.0458	0.000008	44.8	0.0000343	0.0015	0.000666	0.00206
2118 Jul	159	0.0918	0.0258	0.00284	23.5	0.0633	48.4	0.00228	0.00148	0.00000783	0.0111	0.00367	0.0606	0.0464	0.00000821	45.9	0.0000353	0.00159	0.000674	0.00212
2118 Aug	156	0.088	0.0245	0.00278	22.5	0.0641	48.8	0.00223	0.00144	0.00000765	0.0108	0.0036	0.0617	0.0444	0.00000804	44.4	0.000034	0.00161	0.000641	0.00209
2118 Sep	146	0.0862	0.022	0.00259	20.8	0.0632	46.8	0.00209	0.00136	0.00000721	0.0103	0.00336	0.06	0.0405	0.00000758	41	0.0000316	0.00154	0.000574	0.00197
2118 Oct	142	0.0864	0.0208	0.00254	19.9	0.0632	46.8	0.00203	0.00131	0.00000699	0.0101	0.00328	0.0601	0.0385	0.00000736	39.5	0.0000307	0.00153	0.000542	0.00193
2118 Nov	142	0.0868	0.0205	0.00252	19.8	0.0634	46.8	0.00202	0.0013	0.00000695	0.0101	0.00326	0.0602	0.0381	0.00000732	39.2	0.0000306	0.00153	0.000535	0.00192
2118 Dec	142	0.0869	0.0205	0.00253	19.8	0.0634	46.8	0.00202	0.0013	0.00000695	0.0101	0.00326	0.0602	0.0381	0.00000732	39.2	0.0000306	0.00152	0.000534	0.00192
2119 Jan	142	0.0869	0.0205	0.00253	19.8	0.0634	46.9	0.00203	0.0013	0.00000695	0.0101	0.00327	0.0603	0.0381	0.00000733	39.2	0.0000306	0.00153	0.000534	0.00192
2119 Feb	142	0.0869	0.0205	0.00253	19.8	0.0635	46.9	0.00203	0.0013	0.00000695	0.0101	0.00327	0.0603	0.0381	0.00000733	39.2	0.0000306	0.00153	0.000535	0.00192
2119 Mar	142	0.087	0.0205	0.00254	19.8	0.0635	47	0.00203	0.0013	0.00000696	0.0101	0.00327	0.0604	0.0382	0.00000734	39.3	0.0000306	0.00153	0.000535	0.00193
2119 Apr	143	0.088	0.0208	0.00257	20.1	0.0638	47.3	0.00205	0.00131	0.000007	0.0101	0.00331	0.0606	0.0387	0.00000738	39.8	0.0000308	0.00154	0.000544	0.00194
2119 May	146	0.0922	0.023	0.00251	21.9	0.061	44.7	0.00203	0.00134	0.00000711	0.0102	0.00334	0.0565	0.0425	0.00000746	42.1	0.0000312	0.00148	0.000612	0.00198
2119 Jun	145	0.0911	0.0233	0.00248	22.1	0.0592	43.4	0.00202	0.00134	0.00000709	0.0101	0.00331	0.0547	0.043	0.00000743	42.2	0.0000313	0.00144	0.000622	0.00196
2119 Jul	150	0.0903	0.0235	0.00261	22	0.0616	46.5	0.0021	0.00136	0.00000723	0.0103	0.00343	0.0586	0.0431	0.00000759	42.9	0.0000321	0.00153	0.000623	0.00201
2119 Aug	151	0.0893	0.0233	0.00264	21.8	0.0635	48.2	0.00212	0.00136	0.00000726	0.0103	0.00347	0.0609	0.0427	0.00000764	42.9	0.0000321	0.00158	0.000616	0.00203
2119 Sep	149	0.0874	0.0223	0.0026	21	0.0639	48.7	0.00208	0.00133	0.00000708	0.0101	0.00342	0.0619	0.041	0.00000747	41.7	0.0000312	0.00159	0.000588	0.002
2119 Oct	147	0.0871	0.0216	0.0026	20.4	0.0641	49.3	0.00207	0.0013	0.00000695	0.00997	0.0034	0.0626	0.0398	0.00000735	40.9	0.0000308	0.0016	0.000569	0.00198
2119 Nov	146	0.0873	0.0211	0.00258	20.2	0.0639	48.9	0.00205	0.00128	0.00000688	0.0099	0.00336	0.0621	0.0391	0.00000727	40.3	0.0000304	0.00158	0.000556	0.00196
2119 Dec	146	0.0874	0.0211	0.00258	20.1	0.0639	48.9	0.00205	0.00128	0.00000688	0.00991	0.00336	0.0621	0.0391	0.00000727	40.3	0.0000304	0.00158	0.000556	0.00196

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.022	0.0000135	5.85	11.5	0.106	0.00166	173	0.00841	0.0444	0.000071	0.000528	0.000223	0.543	0.0000216	0.000963	0.000673	0.00228	0.000292
Operation (2026-2036): Mean	0.0496	0.0000216	17.9	37.5	0.323	0.00479	513	0.0249	0.261	0.000189	0.00113	0.000755	1.55	0.0000717	0.00337	0.00212	0.0034	0.00116
Operation (2026-2036): Max	0.104	0.0000317	26.8	56.7	0.526	0.00663	765	0.035	2.22	0.000572	0.00161	0.00118	2.56	0.000133	0.00501	0.00447	0.00484	0.00214
Active Closure (2037-2043): Min	0.0381	0.0000119	1.7	2.42	0.0228	0.000438	9.07	0.00186	0.0403	0.0000263	0.000197	0.000104	0.086	0.00000242	0.000144	0.000192	0.0014	0.0000176
Active Closure (2037-2043): Mean	0.0647	0.0000172	6.51	11.1	0.0912	0.00226	71.6	0.00748	0.0621	0.000189	0.000487	0.00043	0.352	0.00000827	0.000829	0.000672	0.00224	0.000271
Active Closure (2037-2043): Max	0.128	0.0000289	22.2	53.7	0.388	0.00618	589	0.0351	0.0867	0.000927	0.00156	0.000982	1.93	0.0000791	0.0046	0.00166	0.00392	0.00124
Post Closure (2044-2119): Min	0.0712	0.0000141	2.86	4.9	0.0474	0.000785	5.76	0.00354	0.0592	0.000228	0.000313	0.000163	0.164	0.00000258	0.000302	0.000771	0.00194	0.0000199
Post Closure (2044-2119): Mean	0.0958	0.0000175	3.8	7.16	0.0847	0.00109	8.74	0.00556	0.0717	0.000521	0.000454	0.000226	0.237	0.00000321	0.000474	0.00109	0.00273	0.0000375
Post Closure (2044-2119): Max	0.125	0.0000211	4.83	9.08	0.121	0.0015	19.9	0.00716	0.0847	0.000837	0.000598	0.000345	0.299	0.00000379	0.000603	0.00145	0.00342	0.000165
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0.0259	0.0000157	20.1	31.2	0.326	0.00433	399	0.0233	1.47	0.0000827	0.000867	0.00078	1.52	0.000067	0.00365	0.00111	0.00265	0.00118
2026 Feb	0.0245	0.0000148	19	29.5	0.309	0.00409	377	0.022	1.72	0.0000783	0.000819	0.000737	1.44	0.0000636	0.00345	0.00104	0.00251	0.00112
2026 Mar	0.0232	0.0000141	18.1	28	0.294	0.00389	359	0.0209	1.94	0.0000744	0.000778	0.0007	1.37	0.0000606	0.00327	0.000992	0.00238	0.00107
2026 Apr	0.0222	0.0000135	17.2	26.7	0.281	0.00371	342	0.02	2.15	0.000071	0.000743	0.000668	1.31	0.000058	0.00313	0.000947	0.00228	0.00102
2026 May	0.022	0.0000138	17.4	26.1	0.296	0.00367	345	0.0199	2.22	0.0000738	0.000748	0.000642	1.44	0.0000657	0.00312	0.000956	0.0024	0.00115
2026 Jun	0.0343	0.0000177	23.5	39.3	0.442	0.00485	561	0.0276	0.97	0.000154	0.00108	0.000907	2.04	0.0001	0.00444	0.00227	0.00367	0.00179
2026 Jul	0.0397	0.0000184	19.1	32.1	0.338	0.00476	507	0.0237	0.631	0.000153	0.00109	0.000739	1.65	0.000082	0.00372	0.00291	0.0033	0.00146
2026 Aug	0.0396	0.0000179	17	29.5	0.287	0.0043	463	0.0214	0.533	0.000136	0.000975	0.000677	1.39	0.000067	0.00332	0.00254	0.003	0.0012
2026 Sep	0.0425	0.0000202	18	34	0.284	0.00544	520	0.026	0.473	0.000146	0.00125	0.000813	1.31	0.0000653	0.00372	0.00429	0.003	0.00118
2026 Oct	0.0404	0.0000234	22.9	45.7	0.352	0.00646	702	0.0328	0.588	0.000151	0.0015	0.00105	1.59	0.0000728	0.00497	0.00435	0.00331	0.00129
2026 Nov	0.0384	0.0000222	23	45.7	0.359	0.00625	680	0.0324	0.859	0.000147	0.00144	0.00105	1.58	0.0000734	0.00491	0.00414	0.00325	0.00129
2026 Dec	0.0366	0.0000211	22	43.6	0.345	0.00596	648	0.031	1.11	0.00014	0.00137	0.00101	1.52	0.0000705	0.00469	0.00394	0.0031	0.00124
2027 Jan	0.0348	0.0000201	21	41.6	0.329	0.00568	618	0.0295	1.34	0.000133	0.00131	0.00096	1.45	0.0000675	0.00447	0.00375	0.00296	0.00118
2027 Feb	0.0333	0.0000192	20.1	39.8	0.316	0.00543	591	0.0282	1.53	0.000128	0.00125	0.000918	1.39	0.0000647	0.00428	0.00359	0.00284	0.00114
2027 Mar	0.032	0.0000184	19.3	38.2	0.303	0.00522	568	0.0271	1.72	0.000123	0.0012	0.000881	1.34	0.0000622	0.00411	0.00344	0.00272	0.00109
2027 Apr	0.0309	0.0000178	18.7	36.9	0.293	0.00504	549	0.0262	1.91	0.000119	0.00116	0.000852	1.29	0.0000602	0.00397	0.00333	0.00263	0.00106
2027 May	0.0307	0.0000178	18.5	36.5	0.288	0.00499	544	0.026	2.1	0.000121	0.00115	0.00084	1.28	0.000059	0.00391	0.00331	0.00264	0.00106
2027 Jun	0.0373	0.0000185	19.5	37.1	0.358	0.0045	570	0.0249	0.983	0.000148	0.00107	0.000798	1.67	0.0000805	0.00394	0.00247	0.00345	0.00139
2027 Jul	0.0409	0.0000162	13.8	24.7	0.265	0.00334	412	0.0165	0.495	0.000139	0.000826	0.0005	1.35	0.0000685	0.00254	0.00198	0.00326	0.00116
2027 Aug	0.0452	0.0000166	8.11	19.8	0.138	0.00288	332	0.0131	0.238	0.000129	0.000795	0.000379	0.68	0.000034	0.00159	0.00236	0.00273	0.000526
2027 Sep	0.0458	0.000023	12.1	35.7	0.184	0.00495	580	0.0241	0.176	0.000136	0.00132	0.000684	0.812	0.0000359	0.00269	0.00377	0.00302	0.00052
2027 Oct	0.046	0.0000231	17.7	50.8	0.287	0.00614	723	0.0307	0.18	0.000137	0.00147	0.000997	1.08	0.0000533	0.0035	0.00447	0.0033	0.000797
2027 Nov	0.0466	0.0000225	20.9	54.5	0.345	0.00634	736	0.0329	0.176	0.00014	0.00145	0.00112	1.27	0.0000638	0.00391	0.00428	0.00349	0.000972
2027 Dec	0.0465	0.0000224	21.6	55.2	0.359	0.0064	742	0.0334	0.176	0.000141	0.00146	0.00114	1.33	0.0000669	0.004	0.00424	0.00354	0.00102
2028 Jan	0.0464	0.0000224	21.7	55.3	0.362	0.0064	742	0.0334	0.176	0.000141	0.00145	0.00115	1.35	0.0000678	0.00401	0.00423	0.00355	0.00104
2028 Feb	0.0463	0.0000223	21.7	55.2	0.363	0.0064	742	0.0334	0.176	0.000141	0.00145	0.00114	1.36	0.0000684	0.00401	0.00423	0.00356	0.00105
2028 Mar	0.0463	0.0000223	21.7	55.2	0.364	0.0064	742	0.0334	0.176	0.000141	0.00145	0.00114	1.36	0.0000687	0.00401	0.00423	0.00356	0.00105
2028 Apr	0.0466	0.0000225	21.9	55.6	0.367	0.00645	748	0.0337	0.177	0.000143	0.00146	0.00115	1.38	0.0000695	0.00405	0.00426	0.00359	0.00107
2028 May	0.0473	0.0000235	22.9	56.3	0.389	0.00663	765	0.0347	0.179	0.000145	0.00151	0.00117	1.52	0.0000764	0.00422	0.00424	0.00374	0.00117
2028 Jun	0.0435	0.0000218	23.8	56.7	0.445	0.00497	732	0.0337	0.0966	0.000151	0.00124	0.00118	1.66	0.0000778	0.00464	0.00219	0.00405	0.00129
2028 Jul	0.0421	0.0000165	13	26.6	0.266	0.00283	386	0.0167	0.075	0.000127	0.000749	0.000533	1.23	0.000061	0.00229	0.00112	0.00327	0.000974
2028 Aug	0.0488	0.0000165	8.75	17.9	0.179	0.00209	261	0.012	0.0678	0.000145	0.000617	0.000354	0.871	0.0000416	0.00148	0.000865	0.00292	0.000626
2028 Sep	0.104	0.0000281	10.5	22	0.202	0.00273	316	0.0147	0.112	0.000374	0.000901	0.000435	0.969	0.0000405	0.00182	0.00141	0.00466	0.00056
2028 Oct	0.0888	0.0000317	18.2	37.3	0.321	0.0048	588	0.0247	0.114	0.000296	0.00124	0.000704	1.68	0.00007	0.00357	0.00147	0.00472	0.00104
2028 Nov	0.0844	0.0000298	21.1	41.8	0.374	0.00497	600	0.0271	0.114	0.00028	0.00122	0.000847	1.79	0.0000782	0.00395	0.00151	0.00472	0.0012
2028 Dec	0.0841	0.0000297	21.4	42.3	0.381	0.00499	604	0.0274	0.114	0.00028	0.00122	0.000861	1.82	0.0000797	0.004	0.00152	0.00474	0.00122
2029 Jan	0.084	0.0000297	21.4	42.3	0.383	0.00499	604	0.0274	0.114	0.00028	0.00122	0.000861	1.82	0.0000801	0.004	0.00152	0.00475	0.00123
2029 Feb	0.0839	0.0000297	21.4	42.3	0.383	0.00499	604	0.0274	0.114	0.00028	0.00122	0.00086	1.83	0.0000804	0.004	0.00152	0.00475	0.00123
2029 Mar	0.0839	0.0000297	21.4	42.3	0.384	0.00499	604	0.0274	0.114	0.00028	0.00122	0.00086	1.83	0.0000806	0.004	0.00152	0.00475	0.00124
2029 Apr	0.084	0.0000297	21.5	42.3	0.385	0.005	605	0.0275	0.115	0.00028	0.00122	0.000862	1.84	0.0000809	0.00401	0.00152	0.00476	0.00124
2029 May	0.0853	0.0000304	21.9	43.2	0.392	0.00512	618	0.0282	0.116	0.000285	0.00125	0.00088	1.87	0.0000821	0.00409	0.00156	0.00484	0.00126
2029 Jun	0.0628	0.0000292	16.6	45.2	0.283	0.00489	696	0.0264	0.0831	0.000185	0.00128	0.000724	1.48	0.0000566	0.00371	0.00127	0.00384	0.000856
2029 Jul	0.0494	0.0000177	10.1	19.3	0.212	0.00255	323	0.0123	0.077	0.000136	0.000678	0.000319	1.21	0.000059	0.00174	0.000818	0.00321	0.000911
2029 Aug	0.0433	0.0000148	5.85	11.5	0.111	0.00166	173	0.00841	0.0572	0.000109	0.000528	0.000223	0.612	0.0000277	0.000963	0.000673	0.00258	0.000398
2029 Sep	0.0416	0.0000159	6.17	14.9	0.106	0.00197	203	0.0105	0.0517	0.000104	0.000612	0.000287	0.543	0.0000216	0.00111	0.000715	0.00251	0.000292
2029 Oct	0.0459	0.0000178	14.3	27.1	0.24	0.00342	334	0.0184	0.0673	0.00012	0.000781	0.000612	1.07	0.0000474	0.00234	0.000955	0.00292	0.000726
2029 Nov	0.0385	0.0000159	22.4	31.6	0.442	0.0047	462	0.0219	0.0947	0.000118	0.000844	0.000721	2.26	0.000118	0.00317	0.00104	0.00363	0.00188
2029 Dec	0.0384	0.0000158	25.3	37.4	0.493	0.00497	502	0.0252	0.0963	0.000125	0.000889	0.000876	2.37	0.000124	0.00367	0.00115	0.00382	0.002
2030 Jan	0.0383	0.0000158	25.5	37.7	0.498	0.00498	505	0.0254	0.0968	0.000126	0.00089	0.000883	2.39	0.000125	0.0037	0.00116	0.00384	0.00202
2030 Feb	0.0383	0.0000158	25.5	37.7	0.5	0.00498	506	0.0254	0.097	0.000126	0.00089	0.000882	2.4	0.000126	0.00371	0.00116	0.00384	0.00203
2030 Mar	0.0383	0.0000158	25.6	37.7	0.502	0.00499	507	0.0254	0.0973	0.000126	0.000891	0.000883	2.41	0.000126	0.00371	0.00116	0.00385	0.00204
2030 Apr	0.0384	0.0000158	25.7	37.8	0.504	0.00501	509	0.0255	0.0979	0.000127	0.000894	0.000886	2.43	0.000127	0.00373	0.00117	0.00387	0.00205
2030 May	0.04	0.0000165	26.8	39.4	0.526	0.00522	531	0.0266	0.102	0.000132	0.000933	0.000923	2.53	0.000133	0.00389	0.00122	0.00404	0.00214
2030 Jun	0.0458	0.0000208	15.5	31.6	0.298	0.004	483	0.0199	0.0802	0.000118	0.000965	0.000553	1.62	0.0000773	0.00289	0.00131	0.00348	0.00128
2030 Jul	0.0465	0.0000177	11.1	19.2	0.225	0.00295	321	0.0136	0.0757	0.00012	0.000763	0.000351	1.3	0.0000656	0.00187	0.0014	0.00322	0.00113
2030 Aug	0.0445	0.0000177	9.19	18	0.172	0.00269	274	0.0132	0.0643	0.000112	0.000749	0.000343	0.967	0.0000451	0.0016	0.00118	0.00293	0.000753
2030 Sep	0.0453	0.0000186	9.43	19.7	0.166	0.00288	284	0.0145	0.0617	0.000116	0.000809	0.000386	0.907	0.0000403	0.00169	0.0013	0.00293	0.000691
2030 Oct	0.046	0.0000189	11.6	21.8	0.191	0.00337	317	0.0161	0.0642	0.000122	0.00086	0.000458	1.03	0.0000459	0.00202	0.00146	0.00293	0.000808
2030 Nov	0.0447	0.0000184	15.4	26.4	0.266	0.0039	372	0.0188	0.0721	0.000124	0.000896	0.000582	1.36	0.0000645	0.00249	0.00147	0.00318	0.00111
2030 Dec	0.0446	0.0000183	16.4	28.2	0.285	0.00398	386	0.0199	0.073	0.000126	0.000907	0.00063	1.41	0.0000675	0.00265	0.0015	0.00325	0.00117
2031 Jan	0.0445	0.0000183	16.5	28.3	0.288	0.00399	388	0.0199	0.0734	0.000127	0.000907	0.000632	1.42	0.0000684	0.00266	0.0015	0.00326	0.00118

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.0445	0.0000183	16.5	28.3	0.289	0.00399	388	0.0199	0.0735	0.000127	0.000907	0.000631	1.43	0.0000688	0.00266	0.0015	0.00327	0.00119
2031 Mar	0.0444	0.0000183	16.5	28.3	0.29	0.00399	388	0.0199	0.0737	0.000127	0.000907	0.000631	1.43	0.0000691	0.00267	0.0015	0.00327	0.00119
2031 Apr	0.0449	0.0000185	16.7	28.6	0.294	0.00403	393	0.0201	0.0745	0.000128	0.000917	0.000638	1.45	0.0000701	0.0027	0.00152	0.00331	0.00121
2031 May	0.0522	0.0000196	17.7	29.6	0.324	0.00423	413	0.021	0.0818	0.000192	0.000965	0.000657	1.61	0.0000782	0.00282	0.00162	0.00356	0.00134
2031 Jun	0.081	0.0000183	14.7	22.8	0.35	0.00324	356	0.0155	0.0946	0.000531	0.000811	0.000432	1.82	0.0000914	0.00236	0.00167	0.00364	0.00153
2031 Jul	0.0864	0.000018	10.6	19.9	0.248	0.00286	290	0.0136	0.0776	0.000572	0.000795	0.000381	1.21	0.0000575	0.00171	0.00214	0.0031	0.00108
2031 Aug	0.0848	0.0000207	11.6	25.4	0.248	0.00343	362	0.0169	0.074	0.000552	0.00096	0.000467	1.21	0.0000527	0.00209	0.0022	0.00317	0.000996
2031 Sep	0.0664	0.0000306	17.6	47.2	0.286	0.0057	691	0.0304	0.0634	0.000376	0.00157	0.000797	1.5	0.0000509	0.00415	0.00214	0.0035	0.000913
2031 Oct	0.0498	0.0000283	20.3	46.9	0.32	0.00578	666	0.0309	0.0656	0.000211	0.00145	0.000856	1.68	0.0000622	0.00458	0.00165	0.00333	0.00105
2031 Nov	0.0485	0.0000268	22.9	49.5	0.376	0.00585	671	0.0326	0.0706	0.000202	0.00141	0.000964	1.84	0.0000735	0.00482	0.00166	0.0035	0.00125
2031 Dec	0.0484	0.0000267	23.2	50	0.384	0.00586	674	0.0329	0.0712	0.000202	0.00141	0.000977	1.86	0.0000751	0.00486	0.00167	0.00353	0.00128
2032 Jan	0.0483	0.0000267	23.2	50	0.385	0.00586	674	0.0329	0.0714	0.000202	0.00141	0.000977	1.87	0.0000757	0.00486	0.00167	0.00353	0.00129
2032 Feb	0.0483	0.0000267	23.2	49.9	0.386	0.00586	674	0.0329	0.0716	0.000202	0.00141	0.000976	1.88	0.000076	0.00486	0.00167	0.00354	0.0013
2032 Mar	0.0483	0.0000267	23.3	49.9	0.387	0.00586	675	0.0329	0.0717	0.000202	0.00141	0.000976	1.88	0.0000762	0.00486	0.00167	0.00354	0.0013
2032 Apr	0.0485	0.0000268	23.4	50.2	0.389	0.00589	678	0.033	0.0721	0.000203	0.00142	0.00098	1.89	0.0000768	0.00489	0.00168	0.00356	0.00131
2032 May	0.0502	0.0000275	24	51.4	0.399	0.00605	695	0.0339	0.0741	0.000213	0.00145	0.00101	1.94	0.0000787	0.00501	0.00172	0.00366	0.00134
2032 Jun	0.0485	0.0000256	17.2	41.2	0.307	0.005	621	0.0258	0.0726	0.000171	0.00129	0.000685	1.67	0.0000715	0.0038	0.00183	0.00356	0.00121
2032 Jul	0.0457	0.0000201	11.8	24.6	0.214	0.00358	393	0.0172	0.0665	0.000137	0.000966	0.000437	1.23	0.0000566	0.00234	0.0018	0.00317	0.00101
2032 Aug	0.0416	0.0000192	8.49	21.9	0.144	0.003	331	0.0157	0.0514	0.000112	0.000886	0.000394	0.784	0.0000319	0.00182	0.00154	0.00271	0.00054
2032 Sep	0.0423	0.000021	7.76	27.7	0.128	0.00366	420	0.0181	0.0444	0.00011	0.00105	0.000461	0.635	0.0000249	0.00174	0.00231	0.00268	0.00038
2032 Oct	0.0495	0.0000222	8.78	37.8	0.159	0.00509	586	0.0211	0.0501	0.000126	0.00129	0.000587	0.712	0.0000385	0.00171	0.00413	0.00295	0.000548
2032 Nov	0.0488	0.0000224	12	39.6	0.225	0.00536	605	0.0232	0.0592	0.000127	0.0013	0.000663	1.05	0.0000557	0.00216	0.00387	0.00321	0.000836
2032 Dec	0.0461	0.0000217	14.6	39	0.294	0.00548	611	0.0239	0.0696	0.000127	0.00127	0.000673	1.47	0.0000786	0.00246	0.00352	0.00346	0.00122
2033 Jan	0.0457	0.0000216	15.2	39.7	0.308	0.0055	616	0.0243	0.0708	0.000128	0.00127	0.000693	1.52	0.0000818	0.00255	0.0035	0.0035	0.00127
2033 Feb	0.0456	0.0000215	15.2	39.7	0.311	0.0055	616	0.0243	0.0713	0.000128	0.00127	0.000692	1.54	0.0000829	0.00256	0.00349	0.00352	0.00129
2033 Mar	0.0457	0.0000216	15.3	39.8	0.314	0.00551	618	0.0244	0.0718	0.000128	0.00127	0.000694	1.56	0.0000838	0.00258	0.00349	0.00353	0.00131
2033 Apr	0.0464	0.0000219	15.6	40.4	0.32	0.0056	628	0.0248	0.0731	0.000131	0.00129	0.000704	1.59	0.0000856	0.00262	0.00354	0.0036	0.00134
2033 May	0.0563	0.0000214	18.9	37	0.447	0.00547	619	0.0244	0.098	0.00027	0.00122	0.000651	2.36	0.000128	0.00296	0.00307	0.00423	0.00206
2033 Jun	0.0719	0.0000204	16.1	28.2	0.372	0.00413	442	0.0193	0.0916	0.000464	0.00102	0.000497	2	0.0000995	0.00281	0.00201	0.0038	0.00162
2033 Jul	0.0758	0.0000206	12.1	25.8	0.251	0.0038	377	0.0182	0.0699	0.000484	0.00104	0.000484	1.27	0.0000571	0.00232	0.00252	0.00315	0.00103
2033 Aug	0.0794	0.0000215	9.67	27.3	0.204	0.00389	395	0.0186	0.0602	0.000508	0.0011	0.000494	0.927	0.0000401	0.00196	0.00305	0.00294	0.000654
2033 Sep	0.071	0.0000257	11.2	38.9	0.21	0.00554	570	0.025	0.0528	0.000408	0.00149	0.00065	0.981	0.0000429	0.00258	0.00429	0.00305	0.000618
2033 Oct	0.0494	0.0000235	19.8	40	0.38	0.00589	585	0.0274	0.0782	0.00023	0.00134	0.000747	2.03	0.0000974	0.00378	0.00265	0.00354	0.00154
2033 Nov	0.0474	0.0000222	24.3	46.1	0.466	0.00618	625	0.0309	0.0851	0.000223	0.00133	0.000936	2.3	0.000114	0.00436	0.00257	0.00383	0.00182
2033 Dec	0.0473	0.0000222	24.8	47.1	0.476	0.00622	632	0.0314	0.0855	0.000224	0.00134	0.000964	2.32	0.000115	0.00444	0.00258	0.00386	0.00184
2034 Jan	0.0473	0.0000222	24.8	47.1	0.477	0.00622	632	0.0314	0.0857	0.000224	0.00134	0.000964	2.33	0.000115	0.00445	0.00258	0.00387	0.00185
2034 Feb	0.0472	0.0000222	24.9	47.1	0.478	0.00622	632	0.0314	0.0858	0.000224	0.00134	0.000963	2.33	0.000116	0.00445	0.00258	0.00387	0.00185
2034 Mar	0.0472	0.0000222	24.9	47.1	0.478	0.00622	632	0.0314	0.0859	0.000224	0.00134	0.000964	2.34	0.000116	0.00445	0.00258	0.00387	0.00186
2034 Apr	0.0477	0.0000224	25.1	47.5	0.483	0.00627	638	0.0317	0.0867	0.000226	0.00135	0.000972	2.36	0.000117	0.00449	0.0026	0.00391	0.00188
2034 May	0.0529	0.0000226	25.8	47.1	0.517	0.00631	647	0.0317	0.0952	0.000275	0.00135	0.000959	2.56	0.000129	0.00453	0.00261	0.00416	0.00207
2034 Jun	0.0702	0.0000198	17.5	30.3	0.402	0.00418	446	0.0206	0.0938	0.000451	0.000986	0.000558	2.11	0.000105	0.00308	0.00185	0.00373	0.00169
2034 Jul	0.0734	0.0000206	12.1	26.6	0.251	0.00363	360	0.0187	0.07	0.000453	0.00097	0.000498	1.24	0.0000535	0.00239	0.00192	0.00297	0.000854
2034 Aug	0.0777	0.000022	9.55	28.2	0.199	0.00371	380	0.0192	0.0612	0.00047	0.00104	0.000504	0.886	0.0000349	0.002	0.00239	0.00278	0.000492
2034 Sep	0.0671	0.0000269	11.6	39.6	0.206	0.00531	528	0.026	0.0536	0.000355	0.00143	0.000661	0.979	0.0000365	0.00279	0.00325	0.00291	0.00045
2034 Oct	0.0464	0.0000218	15.7	33.8	0.274	0.00463	428	0.0235	0.0657	0.000161	0.00108	0.00065	1.41	0.0000605	0.00321	0.00168	0.0028	0.000918
2034 Nov	0.0453	0.0000201	18.5	37.3	0.331	0.00463	443	0.0252	0.0705	0.000151	0.00102	0.000779	1.54	0.0000702	0.00352	0.00161	0.00296	0.0011
2034 Dec	0.0452	0.0000201	18.9	38	0.338	0.00466	448	0.0256	0.071	0.000152	0.00102	0.000798	1.56	0.0000714	0.00358	0.00162	0.00299	0.00112
2035 Jan	0.0452	0.0000201	18.9	38	0.34	0.00466	448	0.0257	0.0711	0.000152	0.00102	0.000798	1.57	0.0000718	0.00359	0.00162	0.00299	0.00113
2035 Feb	0.0452	0.0000201	19	38	0.34	0.00466	449	0.0257	0.0712	0.000152	0.00102	0.000798	1.57	0.000072	0.00359	0.00162	0.003	0.00113
2035 Mar	0.0452	0.0000201	19	38	0.341	0.00466	449	0.0257	0.0713	0.000152	0.00102	0.000798	1.58	0.0000722	0.00359	0.00162	0.003	0.00114
2035 Apr	0.0455	0.0000202	19.1	38.3	0.343	0.0047	452	0.0259	0.0719	0.000153	0.00103	0.000803	1.59	0.0000729	0.00362	0.00163	0.00302	0.00115
2035 May	0.0489	0.000021	19.8	39.5	0.359	0.00486	468	0.0267	0.0757	0.000176	0.00106	0.000828	1.67	0.0000765	0.00373	0.0017	0.00317	0.0012
2035 Jun	0.055	0.0000185	16.1	26	0.366	0.00361	376	0.0182	0.0915	0.000271	0.00086	0.00048	1.98	0.000101	0.00278	0.00134	0.00369	0.00161
2035 Jul	0.0562	0.0000177	9.52	19.4	0.207	0.00263	266	0.0141	0.0682	0.000262	0.000752	0.000362	1.07	0.00005	0.0017	0.00123	0.00299	0.000759
2035 Aug	0.0564	0.0000193	7.48	21.8	0.151	0.00274	278	0.0151	0.0559	0.000256	0.000835	0.000384	0.721	0.0000284	0.00151	0.00143	0.00271	0.000388
2035 Sep	0.0476	0.0000264	11.6	37.9	0.187	0.00459	443	0.0253	0.0494	0.000171	0.00129	0.000634	0.948	0.0000292	0.00285	0.00169	0.00287	0.000394
2035 Oct	0.0471	0.0000253	17.3	43.5	0.267	0.00504	464	0.0285	0.0597	0.000139	0.00124	0.000841	1.21	0.0000431	0.00371	0.00152	0.003	0.000654
2035 Nov	0.0432	0.0000231	21.9	44.5	0.377	0.00548	513	0.0298	0.0742	0.000134	0.00121	0.000921	1.78	0.0000782	0.00403	0.00148	0.00339	0.00124
2035 Dec	0.0429	0.0000228	23.7	47.3	0.411	0.00562	537	0.0314	0.0764	0.000138	0.00123	0.001	1.88	0.0000844	0.0043	0.00153	0.00352	0.00136
2036 Jan	0.0428	0.0000227	23.8	47.5	0.415	0.00563	539	0.0315	0.0768	0.000138	0.00123	0.00101	1.89	0.0000855	0.00432	0.00154	0.00354	0.00137
2036 Feb	0.0428	0.0000227	23.8	47.5	0.416	0.00563	539	0.0315	0.077	0.000138	0.00122	0.001	1.9	0.0000859	0.00432	0.00154	0.00354	0.00138
2036 Mar	0.0427	0.0000227	23.8	47.5	0.417	0.00563	539	0.0315	0.0771	0.000138	0.00122	0.001	1.91	0.0000862	0.00432	0.00153	0.00354	0.00139
2036 Apr	0.0437	0.000023	24.1	48	0.422	0.00569	545	0.0319	0.0782	0.000143	0.00124	0.00101	1.93	0.0000874	0.00436	0.00156	0.00359	0.00141
2036 May	0.0474	0.0000241	25.3	50.2	0.444	0.00598	571	0.0334	0.0825	0.00016	0.0013	0.00106	2.03	0.0000916	0.00456	0.00165	0.00377	0.00147
2036 Jun	0.047	0.0000253	16.7	41.1	0.298	0.00481	472	0.0263	0.0696	0.000163	0.00125	0.000708	1.56	0.0000641	0.00359	0.00141	0.00351	0.001
2036 Jul	0.0447	0.0000229	12.6	31.4	0.23	0.00382	368	0.0215	0.0637	0.000136	0.00107	0.000548	1.22	0.00005	0.00268	0.00118	0.00326	0.000763
2036 Aug	0.0453	0.0000234	9.96	31.6	0.187	0.00355	375	0.021	0.0572	0.000126	0.00107	0.000521	0.942	0.0000355	0.00211	0.00119	0.00316	0.000517
2036 Sep	0.0439	0.0000278	11.1	43.7	0.194	0.00459	499	0.0269	0.0509	0.00012	0.00136	0.000666	0.96	0.0000302	0.0026	0.00143	0.0033	0.000417
2036 Oct	0.0423	0.0000308	18.2	52.1	0.288	0.00592	551	0.0336	0.058	0.000129	0.00161	0.000887	1.48	0.0000506	0.00424	0.00151	0.00359	0.000752
2036 Nov	0.0413	0.0000297	20.9	53.5	0.351	0.00613	577	0.0349	0.0654	0.000131	0.00159	0.000962	1.76	0.0000678	0.0045	0.00154	0.00379	0.00104
2036 Dec	0.0405	0.0000288	22	53.3	0.382	0.00617	586	0.035	0.0698	0.000132	0.00156	0.000973	1.91	0.0000781	0.00457	0.00154	0.00389	0.00122
2037 Jan	0.0407	0.0000287	22.2	53.4	0.386	0.00616	587	0.035	0.0701	0.000134	0.00155	0.000978	1.92	0.0000789	0.00459	0.00155	0.0039	0.00123
2037 Feb	0.0411	0.0000287	22.1	53.3	0.385	0.00615	585	0.0349	0.0702	0.000136	0.00155	0.000976	1.92	0.0000787	0.00458	0.00155	0.00389	0.00123
2037 Mar	0.0414	0.0000287	22.1	53.4	0.386	0.00615	586	0.035	0.0703	0.000138	0.00155	0.000977	1.92	0.0000787	0.00458	0.00155	0.0039	0.00123
2037 Apr	0.0418	0.0000289	22.2	53.7	0.388	0.00618	589	0.0351	0.0707	0.000139	0.00156	0.000982	1.93	0.0000791	0.0046	0.00156	0.00392	0.00124
2037 May	0.0649	0.0000271	19.5	46.9	0.358	0.00532	503	0.0304	0.0747	0.000361	0.00139	0.00087	1.69	0.0000678	0.00394	0.00166	0.0038	0.00105
2037 Jun	0.099	0.0000197	9.34	21.9	0.205	0.00238	208	0.0139	0.0737	0.000664	0.000772	0.000444	0.786	0.000028	0.00167	0.0015	0.00312	0.000412

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0659	0.0000126	2.86	6.15	0.0594	0.00077	40.4	0.00374	0.0538	0.000314	0.000298	0.000162	0.19	0.00000473	0.000356	0.000676	0.00197	0.0000683
2037 Aug	0.0675	0.0000125	2.6	5.5	0.0543	0.000749	29.3	0.00318	0.0543	0.000322	0.00028	0.000159	0.154	0.00000265	0.000271	0.000686	0.00195	0.0000448
2037 Sep	0.068	0.0000127	3.44	7.93	0.0628	0.00109	42.8	0.00327	0.0553	0.000314	0.00031	0.000241	0.173	0.00000284	0.000306	0.000709	0.00199	0.000115
2037 Oct	0.0741	0.0000177	4.48	9.93	0.0596	0.00175	63.8	0.00598	0.0747	0.00018	0.000364	0.000274	0.242	0.00000342	0.000583	0.000651	0.00213	0.0000965
2037 Nov	0.075	0.0000184	4.63	10.2	0.0583	0.00186	66.2	0.0062	0.0783	0.000152	0.000361	0.000281	0.249	0.00000354	0.000609	0.000627	0.00214	0.0000993
2037 Dec	0.0747	0.0000183	4.63	10.2	0.0581	0.00186	66.3	0.00623	0.0781	0.00015	0.000361	0.00028	0.249	0.00000353	0.000612	0.000625	0.00214	0.000098
2038 Jan	0.0749	0.0000183	4.61	10.2	0.0583	0.00185	65.9	0.0062	0.078	0.000152	0.000359	0.000279	0.249	0.00000352	0.000609	0.000627	0.00213	0.0000973
2038 Feb	0.0754	0.0000183	4.61	10.2	0.0589	0.00184	65.7	0.00619	0.078	0.000155	0.000359	0.000278	0.249	0.00000351	0.000607	0.000633	0.00213	0.0000969
2038 Mar	0.0757	0.0000183	4.61	10.2	0.0593	0.00184	65.6	0.00619	0.078	0.000157	0.000359	0.000278	0.249	0.00000351	0.000606	0.000637	0.00213	0.0000968
2038 Apr	0.077	0.0000185	4.67	10.3	0.0604	0.00186	66.4	0.00626	0.0791	0.000161	0.000364	0.000282	0.253	0.00000356	0.000613	0.000649	0.00216	0.0000979
2038 May	0.1	0.0000194	4.79	10.6	0.0836	0.00174	62.4	0.00617	0.0867	0.000395	0.000391	0.00029	0.277	0.00000375	0.000578	0.000928	0.00243	0.0000888
2038 Jun	0.128	0.0000147	2.94	6.12	0.115	0.000508	18	0.003	0.076	0.000927	0.000342	0.000179	0.218	0.00000292	0.000189	0.00143	0.0026	0.0000176
2038 Jul	0.103	0.000013	2.6	4.8	0.0868	0.000512	14.4	0.00247	0.0646	0.000682	0.000269	0.000164	0.176	0.00000266	0.000165	0.00103	0.00213	0.0000342
2038 Aug	0.0867	0.0000157	4.66	7.18	0.0865	0.00146	37.7	0.00465	0.0619	0.000458	0.000369	0.000334	0.235	0.00000339	0.000434	0.000781	0.00212	0.000154
2038 Sep	0.0689	0.0000155	5.47	8.29	0.0797	0.00196	50.7	0.00589	0.0562	0.000279	0.000408	0.000394	0.257	0.00000334	0.000596	0.000639	0.00189	0.000198
2038 Oct	0.0616	0.0000147	4.5	7.01	0.0574	0.00176	42.6	0.00512	0.0609	0.000148	0.000311	0.000302	0.22	0.00000305	0.000523	0.0005	0.00167	0.000142
2038 Nov	0.0636	0.0000156	4.97	7.62	0.0615	0.00196	47	0.00555	0.0638	0.00014	0.000339	0.000339	0.238	0.00000327	0.000574	0.000517	0.00176	0.000166
2038 Dec	0.0634	0.0000156	4.96	7.65	0.0612	0.00196	47.4	0.00561	0.0637	0.000138	0.00034	0.000337	0.239	0.00000326	0.000579	0.000517	0.00176	0.000164
2039 Jan	0.0637	0.0000156	4.95	7.66	0.0616	0.00195	47.4	0.00562	0.0637	0.00014	0.00034	0.000336	0.239	0.00000325	0.000579	0.000521	0.00176	0.000162
2039 Feb	0.0643	0.0000156	4.95	7.68	0.0622	0.00195	47.4	0.00562	0.0637	0.000144	0.000341	0.000335	0.24	0.00000325	0.000579	0.000528	0.00176	0.000162
2039 Mar	0.0649	0.0000157	4.97	7.72	0.0629	0.00195	47.5	0.00565	0.064	0.000146	0.000342	0.000336	0.241	0.00000326	0.000581	0.000535	0.00176	0.000162
2039 Apr	0.0661	0.0000159	5.04	7.84	0.0642	0.00198	48.2	0.00573	0.065	0.000151	0.000347	0.000341	0.245	0.00000331	0.000588	0.000547	0.00179	0.000164
2039 May	0.0721	0.0000171	5.44	8.48	0.0702	0.00213	51.9	0.0062	0.0701	0.000171	0.000376	0.000367	0.265	0.00000356	0.000635	0.000602	0.00194	0.000176
2039 Jun	0.0675	0.0000175	2.73	4.5	0.0396	0.000754	23.6	0.00407	0.0709	0.000172	0.000454	0.000155	0.15	0.00000332	0.000339	0.00083	0.0032	0.0000282
2039 Jul	0.0506	0.0000119	1.7	2.42	0.0228	0.000438	9.07	0.00186	0.0505	0.000125	0.000215	0.000104	0.086	0.00000242	0.000144	0.000377	0.0019	0.0000338
2039 Aug	0.0483	0.0000124	2.76	3.67	0.031	0.000935	15.1	0.00255	0.0484	0.0000904	0.000197	0.000194	0.123	0.00000269	0.000239	0.00024	0.00158	0.0000972
2039 Sep	0.0476	0.0000134	4.83	6.19	0.0515	0.00185	27.1	0.00401	0.0507	0.0000517	0.00029	0.000367	0.194	0.00000323	0.000441	0.000303	0.00159	0.000225
2039 Oct	0.0509	0.000014	5.03	6.81	0.0529	0.00201	31.2	0.00458	0.0565	0.0000393	0.000302	0.00037	0.211	0.00000326	0.000505	0.00035	0.00158	0.00022
2039 Nov	0.0515	0.0000145	5.42	7.37	0.057	0.00216	34.5	0.00504	0.057	0.0000396	0.000331	0.000399	0.227	0.00000337	0.000556	0.000371	0.00163	0.000237
2039 Dec	0.0516	0.0000145	5.4	7.38	0.0568	0.00216	34.7	0.00506	0.0571	0.0000394	0.000331	0.000396	0.227	0.00000337	0.000558	0.000372	0.00163	0.000235
2040 Jan	0.052	0.0000145	5.39	7.39	0.0571	0.00215	34.8	0.00508	0.0571	0.0000419	0.000331	0.000395	0.228	0.00000336	0.000558	0.000377	0.00163	0.000233
2040 Feb	0.0525	0.0000145	5.39	7.42	0.0579	0.00215	34.9	0.0051	0.0572	0.0000457	0.000332	0.000394	0.229	0.00000335	0.000559	0.000385	0.00163	0.000232
2040 Mar	0.0532	0.0000146	5.41	7.47	0.0586	0.00215	35.1	0.00513	0.0575	0.0000486	0.000334	0.000396	0.23	0.00000337	0.000562	0.000392	0.00164	0.000232
2040 Apr	0.0543	0.0000149	5.5	7.6	0.06	0.00219	35.7	0.00522	0.0584	0.0000514	0.00034	0.000402	0.235	0.00000342	0.000572	0.000403	0.00166	0.000236
2040 May	0.0741	0.0000165	5.88	8.54	0.0801	0.00222	38	0.00573	0.0673	0.000225	0.000389	0.000423	0.269	0.00000371	0.000601	0.000641	0.00197	0.00023
2040 Jun	0.105	0.0000175	2.63	4.32	0.0748	0.000459	10.2	0.00257	0.0828	0.000558	0.000417	0.000161	0.163	0.00000358	0.000159	0.00122	0.00344	0.0000331
2040 Jul	0.0802	0.0000191	4.34	6.74	0.066	0.00129	29	0.00541	0.0723	0.000291	0.000525	0.00029	0.215	0.00000384	0.000489	0.000887	0.00318	0.000114
2040 Aug	0.0642	0.0000185	6.74	9.44	0.0809	0.00236	42	0.0071	0.058	0.000175	0.000555	0.000506	0.285	0.00000413	0.000733	0.000606	0.00248	0.00028
2040 Sep	0.0535	0.0000173	8.04	10.7	0.0902	0.003	46.6	0.0076	0.051	0.0000991	0.000565	0.000627	0.318	0.00000422	0.000837	0.00052	0.00212	0.000383
2040 Oct	0.0589	0.0000188	8.52	11.6	0.0942	0.00324	50.9	0.00828	0.0586	0.0000892	0.000589	0.000654	0.344	0.00000449	0.000912	0.000557	0.00222	0.000394
2040 Nov	0.0596	0.0000194	8.73	12.1	0.0963	0.00334	54.3	0.00883	0.0594	0.0000886	0.000614	0.000664	0.358	0.00000454	0.000965	0.000577	0.00225	0.000392
2040 Dec	0.0595	0.0000194	8.72	12.1	0.0962	0.00333	54.6	0.00888	0.0594	0.000088	0.000615	0.000662	0.358	0.00000452	0.000969	0.000578	0.00225	0.00039
2041 Jan	0.0598	0.0000194	8.7	12.1	0.0964	0.00333	54.6	0.0089	0.0594	0.0000899	0.000615	0.00066	0.358	0.00000451	0.00097	0.000582	0.00225	0.000387
2041 Feb	0.0602	0.0000194	8.69	12.1	0.0969	0.00332	54.6	0.0089	0.0594	0.0000929	0.000614	0.000659	0.359	0.00000451	0.00097	0.000589	0.00225	0.000386
2041 Mar	0.0608	0.0000195	8.72	12.2	0.0976	0.00333	54.8	0.00893	0.0597	0.0000955	0.000617	0.00066	0.361	0.00000452	0.000973	0.000595	0.00225	0.000387
2041 Apr	0.0618	0.0000197	8.82	12.3	0.0991	0.00337	55.5	0.00905	0.0605	0.0000983	0.000624	0.000668	0.365	0.00000457	0.000985	0.000606	0.00228	0.000391
2041 May	0.069	0.000023	10.2	15.5	0.119	0.0039	73.5	0.0124	0.0634	0.000155	0.000795	0.000743	0.453	0.00000484	0.0013	0.000792	0.00255	0.000389
2041 Jun	0.073	0.0000192	3.58	5.55	0.0502	0.00105	22.9	0.00475	0.0752	0.000193	0.000522	0.000225	0.181	0.00000377	0.000415	0.000902	0.00347	0.0000745
2041 Jul	0.0791	0.0000194	2.83	3.89	0.0384	0.000698	12.4	0.00307	0.0817	0.00019	0.000424	0.000177	0.137	0.00000398	0.000239	0.000759	0.00348	0.0000629
2041 Aug	0.0637	0.0000178	5.55	7.01	0.0628	0.00191	24.5	0.00476	0.0636	0.000123	0.000438	0.000424	0.22	0.00000417	0.000492	0.000501	0.00256	0.000253
2041 Sep	0.0543	0.0000182	9.59	11.7	0.105	0.00356	42.5	0.00755	0.0523	0.000078	0.000628	0.000782	0.348	0.00000496	0.000877	0.000522	0.00234	0.000521
2041 Oct	0.0526	0.0000179	8.12	11.2	0.0876	0.00312	45.8	0.00827	0.0541	0.0000586	0.000571	0.000617	0.331	0.00000418	0.000906	0.000516	0.00207	0.000366
2041 Nov	0.0541	0.0000187	8.31	11.8	0.0895	0.00322	49.5	0.00895	0.0559	0.0000584	0.000598	0.000622	0.347	0.00000423	0.000971	0.000543	0.00212	0.000356
2041 Dec	0.0541	0.0000188	8.31	11.9	0.0896	0.00322	50.2	0.00908	0.056	0.0000582	0.000603	0.00062	0.35	0.00000422	0.000982	0.000547	0.00212	0.000352
2042 Jan	0.0545	0.0000188	8.3	11.9	0.0898	0.00322	50.2	0.00909	0.0561	0.0000604	0.000602	0.000618	0.35	0.00000421	0.000982	0.000552	0.00212	0.00035
2042 Feb	0.055	0.0000188	8.29	11.9	0.0904	0.00321	50.2	0.00909	0.0561	0.0000638	0.000602	0.000617	0.35	0.0000042	0.000981	0.000558	0.00212	0.000349
2042 Mar	0.0555	0.0000188	8.3	11.9	0.091	0.00321	50.3	0.00912	0.0563	0.0000664	0.000604	0.000618	0.352	0.00000421	0.000983	0.000565	0.00212	0.000349
2042 Apr	0.0574	0.0000194	8.58	12.4	0.0943	0.00332	52.2	0.00947	0.058	0.0000703	0.000626	0.000637	0.364	0.00000433	0.00102	0.000588	0.00219	0.000358
2042 May	0.0771	0.0000227	9.72	14.4	0.119	0.00368	60	0.011	0.0697	0.000203	0.000732	0.000713	0.43	0.00000494	0.00117	0.000825	0.00262	0.000383
2042 Jun	0.078	0.0000187	3.49	5.13	0.0532	0.000991	17.6	0.00397	0.0775	0.000235	0.000478	0.000226	0.173	0.00000383	0.000341	0.00091	0.00341	0.0000868
2042 Jul	0.0556	0.0000143	2.41	3.82	0.0298	0.000702	14.2	0.00333	0.0554	0.00013	0.000297	0.000146	0.125	0.00000276	0.000286	0.000435	0.00214	0.0000406
2042 Aug	0.0391	0.000012	4.34	5.25	0.0458	0.00163	16.1	0.00324	0.0411	0.0000388	0.000236	0.000341	0.168	0.00000299	0.000355	0.000192	0.0014	0.000214
2042 Sep	0.0381	0.0000125	5.57	6.57	0.0589	0.00213	20	0.0039	0.0403	0.0000271	0.000298	0.000452	0.204	0.00000333	0.000454	0.000228	0.00145	0.0003
2042 Oct	0.0388	0.0000126	5.32	6.69	0.056	0.00206	21.9	0.00433	0.0418	0.0000263	0.000303	0.000416	0.206	0.00000316	0.000487	0.000254	0.00142	0.000263
2042 Nov	0.0394	0.0000128	5.38	6.86	0.0566	0.00209	22.9	0.00453	0.0424	0.0000266	0.000311	0.000418	0.211	0.00000317	0.000506	0.000264	0.00144	0.000261
2042 Dec	0.0394	0.0000129	5.38	6.89	0.0567	0.00209	23	0.00456	0.0425	0.0000267	0.000313	0.000418	0.212	0.00000317	0.000509	0.000266	0.00144	0.00026
2043 Jan	0.0396	0.0000129	5.38	6.9	0.0568	0.00209	23.1	0.00458	0.0425	0.0000274	0.000313	0.000418	0.212	0.00000317	0.000511	0.000268	0.00144	0.000259
2043 Feb	0.0397	0.0000129	5.38	6.91	0.057	0.00209	23.1	0.00458	0.0426	0.0000284	0.000313	0.000418	0.213	0.00000317	0.00051	0.00027	0.00144	0.000259
2043 Mar	0.0399	0.0000129	5.38	6.91	0.0572	0.00209	23.1	0.00458	0.0426	0.0000291	0.000313	0.000418	0.213	0.00000317	0.00051	0.000271	0.00144	0.000259
2043 Apr	0.0404	0.000013	5.45	6.99	0.0579	0.00211	23.4	0.00463	0.0431	0.0000299	0.000317	0.000422	0.215	0.00000321	0.000516	0.000275	0.00146	0.000262
2043 May	0.0484	0.0000139	5.68	7.44	0.0661	0.00217	24.4	0.00487	0.0474	0.0000916	0.000339	0.000438	0.231	0.00000339	0.000533	0.000365	0.0016	0.000266
2043 Jun	0.0938	0.0000149	3.62	5.66	0.0856	0.000979	14.3	0.00324	0.067	0.000544	0.000351	0.000252	0.199	0.0000032	0.000268	0.001	0.00248	0.000102
2043 Jul	0.0957	0.000016	3.7	5.76	0.0841	0.000996	14.8	0.00343	0.071	0.000526	0.000378	0.000255	0.201	0.00000341	0.000283	0.00102	0.00269	0.000102
2043 Aug	0.097	0.0000167	4.43	6.49	0.091	0.00127	16.7	0.00379	0.0722	0.000521	0.000414	0.00032	0.222	0.00000372	0.000336	0.00102	0.00277	0.000153
2043 Sep	0.0954	0.000017	4.82	7.03	0.0938	0.00144	18.7	0.00423	0.0713	0.000504	0.000439	0.000352	0.236	0.0000038	0.000388	0.00102	0.00277	0.000174
2043 Oct	0.0931	0.000017	4.84	7.15	0.0914	0.00148	19.7	0.00446	0.071	0.000477	0.000437	0.00035	0.238	0.00000376	0.000413	0.000984	0.00271	0.000169
2043 Nov	0.091	0.0000169	4.73	7.03	0.088	0.00147	19.5	0.00443	0.0707	0.000453	0.000423	0.000339	0.234	0.0000037	0.000412	0.000949	0.00264	0.000162

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0909	0.0000169	4.72	7.02	0.0878	0.00147	19.5	0.00443	0.0706	0.000451	0.000422	0.000338	0.234	0.00000369	0.000411	0.000947	0.00263	0.000161
2044 Jan	0.091	0.0000169	4.72	7.02	0.0878	0.00147	19.5	0.00443	0.0706	0.000451	0.000422	0.000338	0.234	0.00000369	0.000411	0.000947	0.00263	0.000161
2044 Feb	0.0911	0.0000169	4.73	7.03	0.0879	0.00147	19.5	0.00443	0.0707	0.000452	0.000422	0.000338	0.234	0.00000369	0.000411	0.000948	0.00263	0.000162
2044 Mar	0.0912	0.0000169	4.73	7.04	0.0881	0.00147	19.5	0.00443	0.0707	0.000452	0.000422	0.000339	0.234	0.0000037	0.000412	0.00095	0.00264	0.000162
2044 Apr	0.0914	0.0000169	4.74	7.05	0.0883	0.00147	19.6	0.00444	0.0709	0.000454	0.000423	0.000339	0.235	0.00000371	0.000413	0.000952	0.00264	0.000162
2044 May	0.0931	0.0000172	4.83	7.18	0.09	0.0015	19.9	0.00452	0.0722	0.000463	0.000431	0.000345	0.239	0.00000377	0.00042	0.000971	0.00269	0.000165
2044 Jun	0.0849	0.0000165	3.74	5.58	0.0709	0.00108	15.1	0.00364	0.0707	0.000385	0.000402	0.000257	0.191	0.0000035	0.000316	0.000916	0.0028	0.000111
2044 Jul	0.0838	0.0000168	3.54	5.29	0.0662	0.000999	14.3	0.00354	0.0721	0.00036	0.000407	0.00024	0.182	0.00000353	0.000302	0.000911	0.00291	0.0000986
2044 Aug	0.0858	0.0000176	3.81	5.82	0.0692	0.0011	16.4	0.00408	0.0739	0.000365	0.000435	0.000255	0.197	0.00000365	0.000354	0.000936	0.00299	0.000101
2044 Sep	0.0819	0.0000173	3.79	5.92	0.0669	0.00113	17.2	0.00431	0.0712	0.00034	0.000428	0.000251	0.198	0.00000353	0.000379	0.00089	0.00287	0.0000944
2044 Oct	0.0811	0.0000173	3.82	6.01	0.0664	0.00115	17.6	0.00443	0.0709	0.000331	0.000428	0.000251	0.2	0.00000351	0.000391	0.000879	0.00283	0.0000932
2044 Nov	0.0811	0.0000173	3.83	6.03	0.0664	0.00116	17.7	0.00445	0.071	0.00033	0.000428	0.000251	0.201	0.00000351	0.000394	0.000878	0.00283	0.000093
2044 Dec	0.0811	0.0000173	3.83	6.04	0.0664	0.00116	17.7	0.00446	0.071	0.00033	0.000428	0.000251	0.201	0.00000351	0.000394	0.000878	0.00283	0.000093
2045 Jan	0.0811	0.0000173	3.83	6.04	0.0664	0.00116	17.7	0.00446	0.071	0.00033	0.000428	0.000251	0.201	0.00000351	0.000394	0.000878	0.00283	0.000093
2045 Feb	0.0811	0.0000173	3.83	6.04	0.0664	0.00116	17.7	0.00446	0.071	0.00033	0.000428	0.000251	0.201	0.00000351	0.000394	0.000878	0.00283	0.0000931
2045 Mar	0.0811	0.0000173	3.83	6.04	0.0665	0.00116	17.7	0.00446	0.071	0.00033	0.000428	0.000251	0.201	0.00000351	0.000395	0.000879	0.00283	0.0000931
2045 Apr	0.0813	0.0000174	3.84	6.05	0.0666	0.00116	17.8	0.00446	0.0711	0.000331	0.000429	0.000252	0.201	0.00000351	0.000395	0.00088	0.00283	0.0000933
2045 May	0.082	0.0000175	3.87	6.11	0.0672	0.00117	17.9	0.0045	0.0717	0.000334	0.000433	0.000254	0.203	0.00000355	0.000399	0.000888	0.00286	0.0000942
2045 Jun	0.0784	0.0000175	3.65	5.86	0.0619	0.00109	17.3	0.00454	0.0707	0.000302	0.000442	0.000234	0.194	0.00000347	0.000398	0.000878	0.00292	0.0000782
2045 Jul	0.0776	0.0000176	3.49	5.59	0.0586	0.00102	16.4	0.00439	0.0712	0.000288	0.000443	0.000221	0.186	0.00000347	0.00038	0.000875	0.00298	0.0000708
2045 Aug	0.0784	0.0000179	3.58	5.75	0.0596	0.00106	17	0.00454	0.072	0.000289	0.000451	0.000226	0.191	0.00000352	0.000395	0.000881	0.00301	0.0000724
2045 Sep	0.078	0.000018	3.68	5.98	0.0604	0.0011	17.8	0.0048	0.0717	0.000286	0.000461	0.000232	0.197	0.00000352	0.00042	0.000883	0.00301	0.0000727
2045 Oct	0.0781	0.0000181	3.74	6.1	0.061	0.00113	18.2	0.00492	0.0718	0.000286	0.000467	0.000236	0.2	0.00000354	0.000433	0.000886	0.00301	0.0000739
2045 Nov	0.0781	0.0000182	3.76	6.13	0.0612	0.00114	18.3	0.00495	0.0718	0.000286	0.000469	0.000237	0.201	0.00000354	0.000436	0.000887	0.00302	0.0000744
2045 Dec	0.0782	0.0000182	3.76	6.14	0.0612	0.00114	18.3	0.00495	0.0719	0.000286	0.000469	0.000237	0.201	0.00000354	0.000436	0.000887	0.00302	0.0000745
2046 Jan	0.0782	0.0000182	3.76	6.14	0.0613	0.00114	18.4	0.00495	0.0719	0.000286	0.000469	0.000237	0.201	0.00000354	0.000436	0.000887	0.00302	0.0000745
2046 Feb	0.0782	0.0000182	3.76	6.14	0.0613	0.00114	18.4	0.00495	0.0719	0.000286	0.000469	0.000237	0.201	0.00000354	0.000436	0.000888	0.00302	0.0000745
2046 Mar	0.0782	0.0000182	3.76	6.14	0.0613	0.00114	18.4	0.00496	0.0719	0.000286	0.000469	0.000238	0.201	0.00000355	0.000437	0.000888	0.00302	0.0000745
2046 Apr	0.0784	0.0000182	3.77	6.16	0.0615	0.00114	18.4	0.00497	0.0721	0.000287	0.00047	0.000238	0.202	0.00000356	0.000438	0.000891	0.00303	0.0000747
2046 May	0.0792	0.0000184	3.81	6.22	0.0622	0.00115	18.6	0.00502	0.0727	0.00029	0.000475	0.00024	0.204	0.00000359	0.000443	0.0009	0.00305	0.0000753
2046 Jun	0.0756	0.0000178	3.4	5.55	0.0556	0.000992	16.3	0.00454	0.0711	0.000266	0.000457	0.000211	0.183	0.00000346	0.000392	0.000874	0.00305	0.0000606
2046 Jul	0.0745	0.0000177	3.12	5.02	0.0508	0.000873	14.5	0.00413	0.0717	0.000249	0.000447	0.000191	0.168	0.00000345	0.000348	0.000864	0.00312	0.0000521
2046 Aug	0.075	0.000018	3.26	5.3	0.0521	0.00093	15.4	0.00443	0.0722	0.000249	0.00046	0.000199	0.176	0.00000349	0.000377	0.000869	0.00314	0.000053
2046 Sep	0.0729	0.0000179	3.31	5.48	0.0517	0.000975	16	0.00466	0.0704	0.000236	0.000457	0.0002	0.18	0.00000342	0.000401	0.000843	0.00304	0.0000512
2046 Oct	0.0721	0.0000178	3.35	5.59	0.0515	0.00101	16.3	0.00479	0.07	0.000229	0.000455	0.000202	0.183	0.00000339	0.000416	0.000829	0.00299	0.0000507
2046 Nov	0.072	0.0000179	3.38	5.66	0.0517	0.00102	16.5	0.00486	0.0701	0.000228	0.000457	0.000203	0.185	0.00000339	0.000423	0.000829	0.00299	0.0000508
2046 Dec	0.072	0.0000179	3.38	5.67	0.0517	0.00103	16.5	0.00487	0.0701	0.000228	0.000457	0.000204	0.185	0.00000339	0.000424	0.000829	0.00299	0.0000509
2047 Jan	0.0721	0.0000179	3.39	5.67	0.0518	0.00103	16.6	0.00487	0.0701	0.000228	0.000458	0.000204	0.185	0.00000339	0.000424	0.000829	0.00299	0.0000509
2047 Feb	0.0721	0.0000179	3.39	5.67	0.0518	0.00103	16.6	0.00487	0.0701	0.000228	0.000458	0.000204	0.185	0.00000339	0.000424	0.000829	0.00299	0.000051
2047 Mar	0.0722	0.0000179	3.39	5.68	0.0519	0.00103	16.6	0.00487	0.0701	0.000228	0.000458	0.000204	0.185	0.00000339	0.000425	0.00083	0.00299	0.0000511
2047 Apr	0.0723	0.0000179	3.4	5.69	0.052	0.00103	16.6	0.00488	0.0702	0.000229	0.000459	0.000204	0.185	0.0000034	0.000425	0.000832	0.00299	0.0000512
2047 May	0.0747	0.000018	3.43	5.79	0.0548	0.00103	16.7	0.00491	0.0709	0.000255	0.000461	0.000206	0.189	0.00000341	0.000427	0.000861	0.00301	0.0000505
2047 Jun	0.0909	0.0000175	3.41	6.06	0.0734	0.000917	16	0.00465	0.0732	0.00045	0.000448	0.000206	0.205	0.00000334	0.000384	0.00105	0.00297	0.0000412
2047 Jul	0.0922	0.0000178	3.5	6.21	0.0747	0.000946	16.3	0.00477	0.0742	0.000455	0.000457	0.000211	0.209	0.00000339	0.000396	0.00106	0.00301	0.0000434
2047 Aug	0.0932	0.0000184	3.7	6.61	0.0769	0.00102	17.4	0.00519	0.0751	0.000458	0.000478	0.000223	0.22	0.00000347	0.000437	0.00108	0.00306	0.0000451
2047 Sep	0.0919	0.0000185	3.83	6.92	0.0775	0.00109	18.3	0.00555	0.0742	0.000448	0.000491	0.00023	0.228	0.00000345	0.000474	0.00107	0.00303	0.0000453
2047 Oct	0.0906	0.0000185	3.86	7	0.0768	0.00112	18.5	0.00566	0.0735	0.000437	0.00049	0.000231	0.23	0.00000342	0.000486	0.00105	0.00299	0.0000452
2047 Nov	0.0902	0.0000185	3.86	7	0.0764	0.00112	18.5	0.00568	0.0734	0.000433	0.000489	0.000231	0.23	0.00000341	0.000489	0.00105	0.00297	0.000045
2047 Dec	0.0901	0.0000185	3.86	7.01	0.0764	0.00112	18.6	0.00569	0.0734	0.000432	0.000489	0.000231	0.23	0.00000341	0.00049	0.00105	0.00297	0.000045
2048 Jan	0.0902	0.0000185	3.86	7.01	0.0764	0.00112	18.6	0.00569	0.0734	0.000432	0.000489	0.000231	0.23	0.00000341	0.00049	0.00105	0.00297	0.0000451
2048 Feb	0.0902	0.0000185	3.87	7.02	0.0765	0.00113	18.6	0.00569	0.0734	0.000433	0.000489	0.000232	0.23	0.00000341	0.00049	0.00105	0.00297	0.0000452
2048 Mar	0.0902	0.0000185	3.87	7.02	0.0765	0.00113	18.6	0.00569	0.0734	0.000433	0.000489	0.000232	0.23	0.00000341	0.00049	0.00105	0.00297	0.0000453
2048 Apr	0.0904	0.0000185	3.88	7.03	0.0767	0.00113	18.6	0.0057	0.0735	0.000434	0.00049	0.000232	0.231	0.00000342	0.000491	0.00105	0.00298	0.0000454
2048 May	0.0912	0.0000187	3.91	7.1	0.0774	0.00114	18.8	0.00575	0.0742	0.000438	0.000495	0.000234	0.233	0.00000345	0.000495	0.00106	0.00301	0.0000459
2048 Jun	0.0857	0.000018	3.42	6.09	0.067	0.000956	15.9	0.00495	0.073	0.000383	0.000465	0.000203	0.203	0.00000337	0.000417	0.000999	0.00303	0.0000375
2048 Jul	0.0829	0.0000178	3.14	5.45	0.0602	0.000841	14.1	0.00444	0.0734	0.000346	0.000453	0.000184	0.184	0.00000338	0.000366	0.000967	0.00311	0.0000335
2048 Aug	0.0818	0.000018	3.29	5.79	0.0608	0.000916	14.9	0.00484	0.0726	0.000335	0.000464	0.000192	0.192	0.00000338	0.000406	0.000954	0.00307	0.0000337
2048 Sep	0.08	0.000018	3.36	5.98	0.0605	0.000967	15.3	0.00506	0.0714	0.000322	0.000465	0.000196	0.197	0.00000334	0.00043	0.000932	0.00301	0.0000338
2048 Oct	0.0792	0.000018	3.4	6.06	0.0603	0.000991	15.5	0.00515	0.0709	0.000316	0.000465	0.000198	0.199	0.00000332	0.000441	0.000922	0.00297	0.0000343
2048 Nov	0.0791	0.000018	3.41	6.09	0.0604	0.000999	15.6	0.00519	0.0709	0.000315	0.000466	0.000199	0.199	0.00000332	0.000445	0.000921	0.00297	0.0000344
2048 Dec	0.0791	0.000018	3.41	6.09	0.0604	0.001	15.6	0.00519	0.0709	0.000315	0.000466	0.000199	0.199	0.00000332	0.000445	0.00092	0.00297	0.0000345
2049 Jan	0.0791	0.000018	3.41	6.09	0.0604	0.001	15.6	0.00519	0.0709	0.000315	0.000466	0.000199	0.199	0.00000332	0.000445	0.00092	0.00297	0.0000345
2049 Feb	0.0791	0.000018	3.41	6.09	0.0604	0.001	15.6	0.00519	0.0709	0.000315	0.000466	0.000199	0.2	0.00000332	0.000445	0.000921	0.00297	0.0000346
2049 Mar	0.0792	0.000018	3.42	6.09	0.0605	0.001	15.6	0.00519	0.0709	0.000315	0.000466	0.000199	0.2	0.00000332	0.000445	0.000921	0.00297	0.0000347
2049 Apr	0.0793	0.000018	3.42	6.11	0.0606	0.001	15.6	0.0052	0.071	0.000316	0.000467	0.0002	0.2	0.00000333	0.000446	0.000923	0.00298	0.0000349
2049 May	0.0801	0.0000182	3.45	6.16	0.0612	0.00101	15.8	0.00525	0.0717	0.000319	0.000471	0.000202	0.202	0.00000336	0.00045	0.000932	0.003	0.0000352
2049 Jun	0.0758	0.0000174	3.01	5.27	0.0533	0.000839	13.3	0.00448	0.0701	0.000285	0.000442	0.000173	0.175	0.00000325	0.000374	0.000887	0.00299	0.0000281
2049 Jul	0.0752	0.0000174	2.89	4.98	0.0505	0.000786	12.4	0.00425	0.0708	0.000271	0.000439	0.000166	0.167	0.00000329	0.00035	0.00088	0.00306	0.0000269
2049 Aug	0.0765	0.000018	3.06	5.3	0.0523	0.00085	13.1	0.00457	0.072	0.000273	0.000456	0.000176	0.176	0.00000337	0.000381	0.000893	0.00311	0.0000291
2049 Sep	0.0752	0.000018	3.18	5.59	0.053	0.000915	13.7	0.0049	0.071	0.000264	0.000464	0.000183	0.184	0.00000334	0.000416	0.000883	0.00306	0.0000294
2049 Oct	0.0741	0.0000179	3.22	5.69	0.0529	0.000944	13.9	0.00501	0.0702	0.000258	0.000464	0.000185	0.186	0.00000331	0.000428	0.000871	0.00301	0.0000302
2049 Nov	0.0739	0.0000179	3.26	5.76	0.0531	0.000962	14	0.00508	0.07	0.000256	0.000465	0.000187	0.188	0.0000033	0.000436	0.000869	0.003	0.000031
2049 Dec	0.0739	0.0000179	3.26	5.76	0.0531	0.000964	14	0.00508	0.07	0.000256	0.000466	0.000188	0.188	0.0000033	0.000437	0.000869	0.003	0.0000311
2050 Jan	0.0739	0.0000179	3.26	5.77	0.0532	0.000964	14	0.00508	0.07	0.000256	0.000466	0.000188	0.188	0.0000033	0.000437	0.000869	0.003	0.0000311
2050 Feb	0.0739	0.0000179	3.27	5.77	0.0532	0.000965	14	0.00508	0.07	0.000256	0.000466	0.000188	0.188	0.0000033	0.000437	0.000869	0.003	0.0000313
2050 Mar	0.074	0.0000179	3.27	5.77	0.0532	0.000965	14	0.00508	0.07	0.000256	0.000466	0.000188	0.188	0.0000033	0.000437	0.000869	0.003	0.0000314
2050 Apr	0.0741	0.000018	3.27	5.78	0.0533	0.000967	14.1	0.00509	0.0701	0.000257	0.000466	0.000188	0.188	0.00000331	0.000437	0.000871	0.003	0.0000315

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.0747	0.0000181	3.3	5.82	0.0538	0.000974	14.2	0.00513	0.0706	0.000259	0.00047	0.00019	0.19	0.00000333	0.00044	0.000878	0.00303	0.0000318
2050 Jun	0.0739	0.0000176	3.01	5.25	0.0503	0.000851	12.6	0.00458	0.0705	0.000254	0.00045	0.000172	0.174	0.00000329	0.000384	0.000869	0.00304	0.0000271
2050 Jul	0.0731	0.0000175	2.86	4.9	0.0474	0.000785	11.7	0.00427	0.0708	0.000242	0.000442	0.000163	0.164	0.00000329	0.000354	0.000856	0.00308	0.0000258
2050 Aug	0.0736	0.0000178	2.98	5.12	0.0485	0.000833	12.1	0.00449	0.0712	0.000242	0.000451	0.00017	0.17	0.00000334	0.000376	0.000858	0.00309	0.0000277
2050 Sep	0.0732	0.000018	3.09	5.38	0.0496	0.000886	12.5	0.00476	0.0709	0.00024	0.000462	0.000177	0.177	0.00000334	0.000403	0.000859	0.00308	0.0000289
2050 Oct	0.0733	0.0000181	3.16	5.5	0.0502	0.000915	12.8	0.00488	0.071	0.000239	0.000467	0.000182	0.18	0.00000336	0.000415	0.000863	0.00309	0.0000308
2050 Nov	0.0734	0.0000182	3.2	5.55	0.0506	0.000928	12.9	0.00493	0.0711	0.000239	0.00047	0.000184	0.182	0.00000337	0.000421	0.000865	0.00309	0.0000318
2050 Dec	0.0735	0.0000182	3.2	5.56	0.0507	0.000929	12.9	0.00493	0.0711	0.000239	0.000471	0.000184	0.182	0.00000337	0.000421	0.000865	0.00309	0.000032
2051 Jan	0.0735	0.0000182	3.2	5.56	0.0507	0.00093	12.9	0.00494	0.0711	0.000239	0.000471	0.000184	0.182	0.00000337	0.000422	0.000866	0.00309	0.0000321
2051 Feb	0.0735	0.0000182	3.2	5.57	0.0507	0.000931	12.9	0.00494	0.0711	0.00024	0.000471	0.000185	0.182	0.00000337	0.000422	0.000866	0.00309	0.0000321
2051 Mar	0.0735	0.0000182	3.2	5.57	0.0507	0.000931	12.9	0.00494	0.0711	0.00024	0.000471	0.000185	0.182	0.00000337	0.000422	0.000866	0.00309	0.0000322
2051 Apr	0.0737	0.0000182	3.21	5.58	0.0509	0.000933	12.9	0.00495	0.0713	0.00024	0.000472	0.000185	0.182	0.00000338	0.000423	0.000868	0.0031	0.0000324
2051 May	0.0748	0.0000184	3.28	5.72	0.0523	0.000953	13.2	0.00507	0.0719	0.000248	0.00048	0.000189	0.187	0.00000341	0.000434	0.000883	0.00313	0.0000326
2051 Jun	0.078	0.0000177	3.06	5.44	0.0556	0.000832	11.9	0.00468	0.0711	0.000305	0.000464	0.000175	0.18	0.00000329	0.000389	0.000934	0.00309	0.0000247
2051 Jul	0.0791	0.0000181	3.05	5.33	0.0547	0.000814	11.6	0.00459	0.0731	0.0003	0.000472	0.000175	0.178	0.00000339	0.000378	0.000946	0.00321	0.0000257
2051 Aug	0.0777	0.0000183	3.2	5.67	0.0554	0.00089	12.1	0.00497	0.072	0.00029	0.00048	0.000183	0.187	0.00000338	0.000418	0.000928	0.00315	0.0000263
2051 Sep	0.0753	0.000018	3.22	5.75	0.0542	0.000928	12.1	0.00508	0.0703	0.000273	0.00047	0.000184	0.188	0.0000033	0.000432	0.000892	0.00304	0.0000262
2051 Oct	0.0713	0.0000171	3.07	5.5	0.0502	0.000923	11.6	0.00483	0.0678	0.000245	0.000431	0.000174	0.18	0.00000314	0.000415	0.000818	0.00281	0.0000248
2051 Nov	0.0712	0.0000171	3.09	5.53	0.0503	0.000933	11.6	0.00487	0.0677	0.000243	0.000431	0.000174	0.181	0.00000314	0.000419	0.000816	0.0028	0.0000251
2051 Dec	0.0712	0.0000171	3.09	5.54	0.0503	0.000935	11.6	0.00488	0.0677	0.000243	0.000432	0.000175	0.181	0.00000314	0.00042	0.000816	0.0028	0.0000251
2052 Jan	0.0712	0.0000171	3.09	5.54	0.0503	0.000935	11.6	0.00488	0.0677	0.000243	0.000432	0.000175	0.181	0.00000314	0.00042	0.000816	0.0028	0.0000252
2052 Feb	0.0713	0.0000171	3.1	5.54	0.0504	0.000936	11.6	0.00488	0.0678	0.000243	0.000432	0.000175	0.181	0.00000314	0.00042	0.000817	0.0028	0.0000254
2052 Mar	0.0713	0.0000172	3.1	5.55	0.0504	0.000937	11.6	0.00488	0.0678	0.000243	0.000432	0.000175	0.181	0.00000314	0.00042	0.000817	0.00281	0.0000256
2052 Apr	0.0714	0.0000172	3.1	5.55	0.0505	0.000938	11.6	0.00489	0.0679	0.000244	0.000433	0.000176	0.181	0.00000314	0.000421	0.000818	0.00281	0.0000257
2052 May	0.0728	0.0000173	3.13	5.62	0.0519	0.000942	11.7	0.00492	0.0686	0.000255	0.000436	0.000177	0.184	0.00000317	0.000422	0.000834	0.00283	0.0000258
2052 Jun	0.0769	0.0000172	3.06	5.5	0.0554	0.000881	11.3	0.00467	0.0697	0.0003	0.000429	0.000173	0.183	0.00000317	0.000393	0.000881	0.00286	0.0000239
2052 Jul	0.0759	0.0000171	3.07	5.5	0.0545	0.000887	11.2	0.00468	0.069	0.000292	0.000426	0.000174	0.182	0.00000316	0.000396	0.00086	0.00283	0.0000252
2052 Aug	0.076	0.0000174	3.21	5.8	0.0558	0.00095	11.7	0.00501	0.069	0.00029	0.00044	0.000183	0.19	0.00000319	0.000429	0.000863	0.00283	0.0000269
2052 Sep	0.0753	0.0000175	3.31	6.01	0.0565	0.000997	11.9	0.00524	0.0685	0.000285	0.000448	0.000189	0.195	0.00000319	0.000453	0.000859	0.00282	0.0000282
2052 Oct	0.075	0.0000176	3.38	6.15	0.057	0.00103	12.1	0.00538	0.0683	0.000283	0.000454	0.000194	0.199	0.00000319	0.000468	0.000858	0.00281	0.0000295
2052 Nov	0.075	0.0000176	3.4	6.18	0.0572	0.00104	12.2	0.00541	0.0683	0.000283	0.000455	0.000195	0.2	0.0000032	0.000471	0.00086	0.00281	0.0000298
2052 Dec	0.075	0.0000176	3.41	6.2	0.0573	0.00104	12.2	0.00543	0.0683	0.000283	0.000456	0.000195	0.2	0.0000032	0.000472	0.00086	0.00281	0.0000299
2053 Jan	0.0751	0.0000176	3.41	6.2	0.0573	0.00104	12.2	0.00543	0.0683	0.000283	0.000456	0.000195	0.2	0.0000032	0.000473	0.00086	0.00281	0.00003
2053 Feb	0.0751	0.0000177	3.41	6.2	0.0573	0.00104	12.2	0.00543	0.0684	0.000283	0.000456	0.000196	0.2	0.0000032	0.000473	0.000861	0.00281	0.0000301
2053 Mar	0.0751	0.0000177	3.41	6.21	0.0574	0.00104	12.2	0.00543	0.0684	0.000283	0.000457	0.000196	0.201	0.0000032	0.000473	0.000861	0.00281	0.0000302
2053 Apr	0.0753	0.0000177	3.42	6.22	0.0575	0.00104	12.2	0.00545	0.0686	0.000284	0.000458	0.000196	0.201	0.00000321	0.000474	0.000863	0.00282	0.0000304
2053 May	0.0785	0.0000179	3.55	6.55	0.0624	0.00108	12.6	0.00569	0.069	0.000321	0.00047	0.000204	0.211	0.00000322	0.000495	0.000909	0.00283	0.0000297
2053 Jun	0.0862	0.0000176	3.42	6.38	0.0698	0.000962	12	0.00528	0.0706	0.000411	0.000462	0.000197	0.211	0.0000032	0.000446	0.00101	0.00288	0.0000254
2053 Jul	0.0875	0.0000181	3.52	6.52	0.0707	0.000991	12.1	0.00541	0.0722	0.000412	0.000477	0.000204	0.215	0.0000033	0.000458	0.00102	0.00297	0.0000283
2053 Aug	0.0884	0.0000188	3.8	7.12	0.0738	0.00111	12.9	0.00605	0.073	0.000413	0.000508	0.00022	0.231	0.00000338	0.00052	0.00105	0.00302	0.0000302
2053 Sep	0.0894	0.0000193	4.01	7.54	0.0763	0.00119	13.5	0.00648	0.0738	0.000417	0.000532	0.000233	0.243	0.00000344	0.000562	0.00107	0.00307	0.0000324
2053 Oct	0.0896	0.0000196	4.13	7.78	0.0776	0.00123	13.9	0.00672	0.074	0.000417	0.000544	0.00024	0.249	0.00000347	0.000587	0.00108	0.00309	0.000034
2053 Nov	0.0898	0.0000196	4.15	7.82	0.0777	0.00124	13.9	0.00676	0.0742	0.000417	0.000546	0.000241	0.251	0.00000348	0.000591	0.00108	0.00309	0.0000344
2053 Dec	0.0898	0.0000196	4.15	7.83	0.0778	0.00125	13.9	0.00677	0.0742	0.000417	0.000546	0.000242	0.251	0.00000348	0.000592	0.00108	0.00309	0.0000344
2054 Jan	0.0898	0.0000196	4.16	7.83	0.0778	0.00125	13.9	0.00677	0.0742	0.000417	0.000546	0.000242	0.251	0.00000348	0.000592	0.00108	0.00309	0.0000345
2054 Feb	0.0898	0.0000196	4.16	7.84	0.0778	0.00125	13.9	0.00677	0.0742	0.000417	0.000547	0.000242	0.251	0.00000348	0.000592	0.00108	0.0031	0.0000346
2054 Mar	0.0898	0.0000196	4.16	7.84	0.0778	0.00125	13.9	0.00677	0.0742	0.000417	0.000547	0.000242	0.251	0.00000348	0.000592	0.00108	0.0031	0.0000347
2054 Apr	0.09	0.0000197	4.17	7.85	0.078	0.00125	14	0.00679	0.0743	0.000418	0.000548	0.000242	0.251	0.00000349	0.000594	0.00108	0.0031	0.0000349
2054 May	0.0913	0.0000198	4.2	7.92	0.0793	0.00126	14.1	0.00682	0.075	0.000428	0.000551	0.000244	0.254	0.00000351	0.000596	0.0011	0.00313	0.000035
2054 Jun	0.0931	0.0000187	3.79	7.17	0.0792	0.00106	12.7	0.00594	0.0739	0.00047	0.00051	0.000221	0.235	0.00000337	0.000505	0.00111	0.00305	0.0000285
2054 Jul	0.0907	0.0000184	3.66	6.86	0.0757	0.00102	12.1	0.00569	0.0728	0.000449	0.000496	0.000213	0.225	0.00000333	0.000481	0.00108	0.00302	0.0000282
2054 Aug	0.0898	0.0000185	3.74	7.03	0.0756	0.00106	12.3	0.0059	0.0723	0.00044	0.000501	0.000218	0.229	0.00000333	0.000503	0.00106	0.00299	0.0000291
2054 Sep	0.0888	0.0000186	3.83	7.21	0.0759	0.00111	12.4	0.0061	0.0717	0.000431	0.000507	0.000223	0.234	0.00000333	0.000525	0.00105	0.00297	0.0000305
2054 Oct	0.0882	0.0000186	3.87	7.28	0.0758	0.00113	12.5	0.00617	0.0715	0.000425	0.000508	0.000226	0.236	0.00000333	0.000534	0.00105	0.00296	0.0000319
2054 Nov	0.088	0.0000186	3.88	7.28	0.0755	0.00114	12.5	0.00617	0.0715	0.000422	0.000507	0.000226	0.236	0.00000332	0.000534	0.00104	0.00294	0.0000325
2054 Dec	0.088	0.0000186	3.88	7.3	0.0755	0.00114	12.5	0.00618	0.0715	0.000421	0.000507	0.000226	0.236	0.00000332	0.000536	0.00104	0.00294	0.0000325
2055 Jan	0.088	0.0000186	3.88	7.3	0.0755	0.00114	12.5	0.00618	0.0715	0.000421	0.000507	0.000226	0.236	0.00000332	0.000536	0.00104	0.00294	0.0000326
2055 Feb	0.088	0.0000186	3.88	7.3	0.0756	0.00114	12.5	0.00618	0.0715	0.000422	0.000507	0.000226	0.236	0.00000332	0.000536	0.00104	0.00294	0.0000327
2055 Mar	0.088	0.0000186	3.88	7.3	0.0756	0.00114	12.5	0.00618	0.0715	0.000422	0.000507	0.000227	0.236	0.00000332	0.000536	0.00104	0.00294	0.0000327
2055 Apr	0.0882	0.0000186	3.89	7.31	0.0758	0.00114	12.5	0.00619	0.0716	0.000423	0.000508	0.000227	0.236	0.00000333	0.000536	0.00104	0.00295	0.0000329
2055 May	0.0888	0.0000187	3.92	7.37	0.0763	0.00115	12.6	0.00624	0.0721	0.000426	0.000511	0.000229	0.238	0.00000335	0.00054	0.00105	0.00297	0.0000332
2055 Jun	0.0822	0.0000179	3.41	6.29	0.0651	0.000967	10.8	0.00537	0.0702	0.000363	0.000479	0.000197	0.206	0.00000325	0.000456	0.000978	0.00297	0.0000266
2055 Jul	0.0814	0.000018	3.28	5.93	0.0616	0.000909	10.2	0.00506	0.0714	0.000343	0.000475	0.000189	0.195	0.00000331	0.000425	0.000968	0.00306	0.0000273
2055 Aug	0.0818	0.0000183	3.42	6.2	0.0628	0.000967	10.5	0.00533	0.0718	0.000342	0.000487	0.000198	0.203	0.00000335	0.000453	0.000971	0.00307	0.0000292
2055 Sep	0.0807	0.0000183	3.5	6.36	0.0629	0.00101	10.6	0.00551	0.0711	0.000334	0.000491	0.000202	0.207	0.00000334	0.000472	0.000959	0.00304	0.0000302
2055 Oct	0.0808	0.0000184	3.55	6.46	0.0635	0.00103	10.7	0.00561	0.0712	0.000333	0.000495	0.000206	0.21	0.00000335	0.000482	0.000961	0.00304	0.0000319
2055 Nov	0.0808	0.0000185	3.58	6.51	0.0637	0.00104	10.8	0.00566	0.0712	0.000333	0.000498	0.000208	0.211	0.00000336	0.000487	0.000963	0.00305	0.0000324
2055 Dec	0.0808	0.0000185	3.59	6.52	0.0638	0.00105	10.8	0.00567	0.0712	0.000333	0.000498	0.000208	0.211	0.00000336	0.000489	0.000963	0.00305	0.0000324
2056 Jan	0.0808	0.0000185	3.59	6.52	0.0638	0.00105	10.8	0.00567	0.0712	0.000333	0.000498	0.000208	0.211	0.00000336	0.000489	0.000963	0.00305	0.0000325
2056 Feb	0.0808	0.0000185	3.59	6.53	0.0638	0.00105	10.8	0.00567	0.0712	0.000333	0.000498	0.000208	0.211	0.00000336	0.000489	0.000964	0.00305	0.0000326
2056 Mar	0.0809	0.0000185	3.59	6.53	0.0639	0.00105	10.8	0.00567	0.0712	0.000333	0.000499	0.000209	0.211	0.00000336	0.000489	0.000964	0.00305	0.0000327
2056 Apr	0.081	0.0000185	3.6	6.54	0.064	0.00105	10.8	0.00568	0.0714	0.000334	0.0005	0.000209	0.212	0.00000337	0.00049	0.000966	0.00305	0.0000328
2056 May	0.0841	0.0000186	3.61	6.6	0.0673	0.00104	10.9	0.00564	0.0722	0.000366	0.000499	0.00021	0.215	0.00000338	0.000483	0.000999	0.00307	0.0000323
2056 Jun	0.0971	0.0000181	3.49	6.52	0.0805	0.000904	10.8	0.0051	0.0748	0.000517	0.000476	0.000205	0.219	0.00000335	0.000417	0.00114	0.00305	0.0000271
2056 Jul	0.0981	0.0000184	3.58	6.64	0.0813	0.000931	10.9	0.00521	0.0758	0.000519	0.000485	0.00021	0.223	0.00000341	0.000428	0.00115	0.0031	0.0000298
2056 Aug	0.0973	0.0000187	3.73	6.96	0.082	0.001	11.2	0.00557	0.0754	0.000509	0.000498	0.000219	0.231	0.00000343	0.000465	0.00114	0.00309	0.0000312
2056 Sep	0.0978	0.0000191	3.91	7.35	0.0841	0.00108	11.5	0.00597	0.0758	0.00051	0.000519	0.00023	0.242	0.00000348	0.000505	0.00116	0.00313	0.000033

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0968	0.0000191	3.95	7.43	0.0837	0.0011	11.6	0.00607	0.0753	0.000502	0.00052	0.000232	0.243	0.00000346	0.000516	0.00115	0.0031	0.0000336
2056 Nov	0.0964	0.0000191	3.96	7.44	0.0835	0.00111	11.6	0.0061	0.0751	0.000499	0.00052	0.000233	0.244	0.00000345	0.000519	0.00114	0.00309	0.0000336
2056 Dec	0.0964	0.0000191	3.96	7.45	0.0835	0.00111	11.6	0.00611	0.0751	0.000499	0.00052	0.000233	0.244	0.00000345	0.00052	0.00114	0.00309	0.0000337
2057 Jan	0.0964	0.0000191	3.96	7.45	0.0836	0.00111	11.6	0.00611	0.0751	0.000499	0.00052	0.000233	0.244	0.00000345	0.00052	0.00114	0.00309	0.0000338
2057 Feb	0.0964	0.0000191	3.96	7.45	0.0836	0.00111	11.6	0.00611	0.0751	0.000499	0.00052	0.000233	0.244	0.00000345	0.00052	0.00114	0.00309	0.0000338
2057 Mar	0.0965	0.0000191	3.97	7.46	0.0837	0.00111	11.6	0.00611	0.0751	0.000499	0.00052	0.000233	0.244	0.00000345	0.00052	0.00114	0.00309	0.000034
2057 Apr	0.0967	0.0000191	3.98	7.47	0.0839	0.00111	11.6	0.00612	0.0753	0.0005	0.000521	0.000234	0.245	0.00000346	0.000521	0.00115	0.0031	0.0000342
2057 May	0.098	0.0000193	4.02	7.55	0.0851	0.00112	11.7	0.00618	0.0761	0.000509	0.000527	0.000237	0.248	0.0000035	0.000526	0.00116	0.00313	0.0000345
2057 Jun	0.0965	0.0000184	3.57	6.65	0.0799	0.000937	10.5	0.00529	0.0753	0.000503	0.00049	0.000209	0.222	0.0000034	0.000437	0.00114	0.00311	0.000028
2057 Jul	0.0961	0.0000186	3.54	6.55	0.0781	0.000926	10.3	0.00523	0.0761	0.00049	0.000492	0.000207	0.219	0.00000344	0.00043	0.00113	0.00316	0.0000284
2057 Aug	0.0981	0.0000194	3.82	7.11	0.0816	0.00103	10.9	0.0058	0.0777	0.000497	0.000523	0.000223	0.235	0.00000355	0.000485	0.00116	0.00324	0.0000307
2057 Sep	0.0986	0.0000198	3.96	7.41	0.0833	0.00109	11.1	0.0061	0.0781	0.000499	0.000539	0.000232	0.243	0.00000359	0.000515	0.00118	0.00327	0.0000326
2057 Oct	0.098	0.0000198	4.04	7.57	0.0837	0.00113	11.3	0.00628	0.0777	0.000494	0.000546	0.000237	0.247	0.00000359	0.000534	0.00117	0.00326	0.0000339
2057 Nov	0.0978	0.0000198	4.06	7.59	0.0837	0.00113	11.3	0.0063	0.0776	0.000492	0.000547	0.000238	0.248	0.00000359	0.000537	0.00117	0.00326	0.0000346
2057 Dec	0.0978	0.0000198	4.06	7.6	0.0838	0.00114	11.3	0.00631	0.0776	0.000492	0.000547	0.000239	0.248	0.00000359	0.000538	0.00117	0.00326	0.0000346
2058 Jan	0.0978	0.0000198	4.06	7.61	0.0838	0.00114	11.3	0.00632	0.0776	0.000492	0.000547	0.000239	0.248	0.00000359	0.000538	0.00117	0.00326	0.0000347
2058 Feb	0.0978	0.0000198	4.06	7.61	0.0838	0.00114	11.3	0.00632	0.0776	0.000492	0.000547	0.000239	0.248	0.00000359	0.000538	0.00117	0.00326	0.0000347
2058 Mar	0.0979	0.0000198	4.07	7.61	0.0838	0.00114	11.3	0.00632	0.0776	0.000492	0.000547	0.000239	0.248	0.00000359	0.000538	0.00117	0.00326	0.0000349
2058 Apr	0.098	0.0000199	4.07	7.62	0.084	0.00114	11.3	0.00632	0.0777	0.000493	0.000548	0.000239	0.249	0.0000036	0.000539	0.00117	0.00326	0.000035
2058 May	0.101	0.0000199	4.15	7.86	0.0882	0.00116	11.5	0.00648	0.0779	0.000528	0.000554	0.000244	0.257	0.00000358	0.000552	0.00121	0.00325	0.0000337
2058 Jun	0.109	0.000019	3.93	7.59	0.0971	0.001	11	0.00589	0.0781	0.000643	0.000525	0.000231	0.254	0.00000346	0.000484	0.00131	0.00318	0.0000258
2058 Jul	0.11	0.0000196	4	7.67	0.0973	0.00102	11.1	0.00597	0.0801	0.00064	0.000538	0.000236	0.256	0.00000357	0.000491	0.00132	0.00328	0.0000281
2058 Aug	0.111	0.0000201	4.2	8.09	0.0989	0.00111	11.4	0.00643	0.0805	0.000636	0.000559	0.000247	0.267	0.00000362	0.000536	0.00133	0.00331	0.0000296
2058 Sep	0.109	0.00002	4.26	8.21	0.098	0.00115	11.4	0.0066	0.0795	0.000619	0.00056	0.00025	0.27	0.00000359	0.000555	0.00131	0.00326	0.0000303
2058 Oct	0.108	0.00002	4.31	8.32	0.0978	0.00118	11.5	0.00672	0.079	0.000609	0.000563	0.000254	0.272	0.00000358	0.000569	0.0013	0.00324	0.0000318
2058 Nov	0.108	0.0000201	4.34	8.36	0.098	0.00119	11.5	0.00676	0.0791	0.000609	0.000565	0.000256	0.274	0.00000359	0.000573	0.0013	0.00324	0.0000329
2058 Dec	0.108	0.0000201	4.34	8.36	0.098	0.00119	11.5	0.00676	0.0791	0.000609	0.000565	0.000256	0.274	0.00000359	0.000574	0.0013	0.00324	0.0000329
2059 Jan	0.108	0.0000201	4.34	8.36	0.098	0.0012	11.5	0.00676	0.0791	0.000609	0.000565	0.000256	0.274	0.00000359	0.000574	0.0013	0.00324	0.000033
2059 Feb	0.108	0.0000201	4.34	8.36	0.098	0.0012	11.5	0.00676	0.0791	0.000609	0.000565	0.000256	0.274	0.00000359	0.000574	0.0013	0.00324	0.0000331
2059 Mar	0.108	0.0000201	4.35	8.36	0.0981	0.0012	11.5	0.00676	0.0791	0.000609	0.000565	0.000256	0.274	0.00000359	0.000574	0.0013	0.00324	0.0000332
2059 Apr	0.108	0.0000201	4.35	8.38	0.0982	0.0012	11.5	0.00677	0.0792	0.00061	0.000566	0.000257	0.274	0.0000036	0.000575	0.0013	0.00325	0.0000334
2059 May	0.11	0.0000202	4.39	8.46	0.1	0.0012	11.6	0.00681	0.0799	0.000627	0.000569	0.000259	0.277	0.00000362	0.000577	0.00132	0.00326	0.0000332
2059 Jun	0.116	0.0000198	4.25	8.25	0.106	0.0011	11.5	0.00637	0.0809	0.000698	0.00055	0.000251	0.275	0.00000358	0.000528	0.00138	0.00325	0.0000297
2059 Jul	0.118	0.0000203	4.35	8.41	0.107	0.00113	11.7	0.00649	0.0828	0.000708	0.000562	0.000258	0.28	0.00000368	0.000538	0.00141	0.00333	0.0000324
2059 Aug	0.12	0.000021	4.58	8.87	0.111	0.00121	12.1	0.00692	0.0846	0.000723	0.000589	0.000272	0.293	0.00000378	0.000579	0.00145	0.00342	0.0000351
2059 Sep	0.12	0.0000211	4.68	9.08	0.112	0.00126	12.2	0.00716	0.0844	0.000715	0.000598	0.000278	0.299	0.00000379	0.000603	0.00144	0.00341	0.0000362
2059 Oct	0.115	0.0000206	4.52	8.74	0.105	0.00125	11.8	0.00691	0.0827	0.000664	0.000566	0.000266	0.288	0.00000369	0.000586	0.00136	0.00326	0.0000345
2059 Nov	0.114	0.0000205	4.51	8.73	0.104	0.00126	11.8	0.00691	0.0827	0.000656	0.000563	0.000265	0.287	0.00000368	0.000587	0.00135	0.00324	0.0000346
2059 Dec	0.114	0.0000205	4.52	8.74	0.104	0.00126	11.8	0.00692	0.0827	0.000656	0.000563	0.000266	0.287	0.00000368	0.000588	0.00135	0.00324	0.0000347
2060 Jan	0.114	0.0000205	4.52	8.74	0.104	0.00126	11.8	0.00692	0.0827	0.000656	0.000563	0.000266	0.287	0.00000368	0.000588	0.00135	0.00324	0.0000348
2060 Feb	0.114	0.0000205	4.52	8.74	0.104	0.00126	11.8	0.00692	0.0827	0.000656	0.000563	0.000266	0.287	0.00000368	0.000588	0.00135	0.00324	0.0000349
2060 Mar	0.114	0.0000205	4.52	8.74	0.104	0.00126	11.8	0.00692	0.0827	0.000656	0.000563	0.000266	0.287	0.00000368	0.000588	0.00135	0.00324	0.000035
2060 Apr	0.114	0.0000206	4.53	8.76	0.105	0.00127	11.8	0.00693	0.0829	0.000657	0.000564	0.000267	0.288	0.00000369	0.000589	0.00135	0.00325	0.0000352
2060 May	0.116	0.0000205	4.54	8.81	0.107	0.00126	11.9	0.00692	0.083	0.000683	0.000563	0.000267	0.291	0.00000368	0.000586	0.00137	0.00324	0.0000342
2060 Jun	0.119	0.0000198	4.23	8.23	0.108	0.0011	11.3	0.00621	0.0828	0.000723	0.000533	0.000249	0.276	0.00000359	0.000512	0.0014	0.00321	0.0000293
2060 Jul	0.121	0.0000202	4.32	8.35	0.109	0.00113	11.5	0.0063	0.0847	0.000726	0.000545	0.000255	0.28	0.0000037	0.00052	0.00142	0.0033	0.0000322
2060 Aug	0.119	0.0000204	4.44	8.62	0.108	0.00119	11.5	0.00665	0.0837	0.000705	0.000555	0.000262	0.286	0.00000369	0.000556	0.00139	0.00327	0.0000327
2060 Sep	0.11	0.0000195	4.26	8.26	0.0998	0.00119	10.9	0.00648	0.0788	0.000634	0.000521	0.000251	0.273	0.00000351	0.000548	0.00127	0.00304	0.000031
2060 Oct	0.108	0.0000195	4.31	8.36	0.0992	0.00122	10.9	0.00661	0.0782	0.000622	0.000524	0.000253	0.275	0.00000349	0.000562	0.00126	0.00302	0.0000318
2060 Nov	0.108	0.0000195	4.31	8.36	0.0988	0.00123	10.9	0.00663	0.078	0.000618	0.000523	0.000253	0.275	0.00000348	0.000565	0.00125	0.00301	0.0000319
2060 Dec	0.108	0.0000195	4.32	8.38	0.0989	0.00123	10.9	0.00665	0.078	0.000617	0.000524	0.000254	0.276	0.00000348	0.000566	0.00125	0.00301	0.000032
2061 Jan	0.108	0.0000195	4.32	8.38	0.0989	0.00123	10.9	0.00665	0.078	0.000617	0.000524	0.000254	0.276	0.00000348	0.000567	0.00125	0.00301	0.0000321
2061 Feb	0.108	0.0000195	4.32	8.38	0.0989	0.00123	10.9	0.00665	0.078	0.000617	0.000524	0.000254	0.276	0.00000348	0.000567	0.00125	0.00301	0.0000322
2061 Mar	0.108	0.0000195	4.32	8.39	0.099	0.00123	10.9	0.00665	0.078	0.000617	0.000524	0.000254	0.276	0.00000349	0.000567	0.00125	0.00301	0.0000323
2061 Apr	0.108	0.0000195	4.33	8.4	0.0992	0.00123	10.9	0.00666	0.0781	0.000618	0.000525	0.000255	0.276	0.00000349	0.000568	0.00126	0.00301	0.0000325
2061 May	0.111	0.0000194	4.34	8.47	0.103	0.00121	11	0.00663	0.0784	0.000658	0.000524	0.000255	0.28	0.00000347	0.000561	0.00129	0.003	0.000031
2061 Jun	0.117	0.0000187	4.1	8.07	0.108	0.00107	10.7	0.00601	0.0787	0.000735	0.0005	0.000242	0.272	0.00000339	0.000493	0.00136	0.00299	0.000026
2061 Jul	0.118	0.0000192	4.2	8.25	0.109	0.0011	10.8	0.00619	0.08	0.000734	0.000515	0.000249	0.277	0.00000347	0.00051	0.00137	0.00305	0.0000284
2061 Aug	0.119	0.0000198	4.43	8.72	0.111	0.00119	11.1	0.00668	0.0809	0.000735	0.000539	0.000262	0.29	0.00000355	0.000558	0.00139	0.0031	0.0000305
2061 Sep	0.119	0.0000201	4.56	8.97	0.112	0.00125	11.2	0.00695	0.0809	0.000733	0.000552	0.00027	0.297	0.00000357	0.000586	0.0014	0.00312	0.0000321
2061 Oct	0.115	0.0000197	4.53	8.91	0.109	0.00126	11	0.00697	0.0789	0.000701	0.000544	0.000267	0.293	0.00000349	0.000592	0.00135	0.00303	0.000032
2061 Nov	0.113	0.0000195	4.49	8.84	0.107	0.00126	10.9	0.00693	0.0782	0.000686	0.000538	0.000265	0.291	0.00000346	0.000591	0.00133	0.00299	0.000032
2061 Dec	0.113	0.0000195	4.5	8.85	0.107	0.00127	10.9	0.00694	0.0782	0.000686	0.000538	0.000265	0.291	0.00000346	0.000592	0.00133	0.00299	0.0000321
2062 Jan	0.113	0.0000195	4.5	8.86	0.107	0.00127	10.9	0.00695	0.0782	0.000685	0.000538	0.000265	0.291	0.00000346	0.000592	0.00133	0.00299	0.0000321
2062 Feb	0.113	0.0000195	4.5	8.86	0.107	0.00127	10.9	0.00695	0.0782	0.000686	0.000538	0.000265	0.291	0.00000346	0.000592	0.00133	0.00299	0.0000322
2062 Mar	0.113	0.0000196	4.5	8.87	0.108	0.00127	10.9	0.00695	0.0782	0.000686	0.000539	0.000266	0.291	0.00000346	0.000593	0.00133	0.00299	0.0000324
2062 Apr	0.113	0.0000196	4.52	8.89	0.108	0.00127	10.9	0.00697	0.0784	0.000687	0.00054	0.000266	0.292	0.00000347	0.000594	0.00133	0.003	0.0000326
2062 May	0.114	0.0000197	4.54	8.94	0.108	0.00128	11	0.00701	0.0789	0.000692	0.000543	0.000268	0.294	0.00000349	0.000598	0.00134	0.00301	0.0000329
2062 Jun	0.104	0.0000187	3.95	7.62	0.0923	0.00108	9.64	0.00599	0.0764	0.000588	0.000502	0.00023	0.253	0.00000338	0.000503	0.00122	0.003	0.0000271
2062 Jul	0.0996	0.0000186	3.69	6.98	0.0841	0.000989	9	0.00552	0.0764	0.000533	0.000491	0.000215	0.233	0.0000034	0.000458	0.00117	0.00307	0.0000262
2062 Aug	0.0975	0.0000187	3.8	7.23	0.0835	0.00105	9.01	0.00584	0.0752	0.000514	0.000498	0.000221	0.239	0.00000339	0.000491	0.00114	0.00303	0.0000272
2062 Sep	0.0941	0.0000185	3.82	7.27	0.0812	0.00109	8.87	0.00596	0.0733	0.000487	0.000492	0.000222	0.239	0.00000332	0.000507	0.0011	0.00293	0.0000273
2062 Oct	0.0861	0.0000172	3.56	6.77	0.0728	0.00106	8.23	0.00557	0.0691	0.000423	0.000443	0.000204	0.222	0.00000309	0.000478	0.000982	0.00266	0.0000251
2062 Nov	0.0858	0.0000172	3.56	6.77	0.0725	0.00106	8.22	0.00557	0.069	0.00042	0.000442	0.000204	0.222	0.00000309	0.000479	0.000976	0.00265	0.0000256
2062 Dec	0.0858	0.0000172	3.57	6.78	0.0725	0.00107	8.23	0.00558	0.069	0.000419	0.000443	0.000205	0.222	0.00000309	0.000481	0.000976	0.00265	0.0000259
2063 Jan	0.0858	0.0000172	3.57	6.79	0.0726	0.00107	8.23	0.00559	0.069	0.000419	0.000443	0.000205	0.222	0.00000309	0.000481	0.000977	0.00265	0.000026
2063 Feb	0.0858	0.0000172	3.57	6.79	0.0726	0.00107	8.23	0.00559	0.069	0.00042	0.000443	0.000205	0.222	0.00000309	0.000481	0.000977	0.00265	0.0000261

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0858	0.0000172	3.58	6.79	0.0727	0.00107	8.24	0.00559	0.069	0.00042	0.000443	0.000206	0.222	0.00000309	0.000481	0.000977	0.00265	0.0000263
2063 Apr	0.0859	0.0000173	3.58	6.8	0.0728	0.00107	8.25	0.00559	0.0691	0.00042	0.000444	0.000206	0.223	0.0000031	0.000482	0.000978	0.00266	0.0000264
2063 May	0.088	0.0000173	3.59	6.84	0.075	0.00106	8.34	0.00556	0.0696	0.000442	0.000444	0.000207	0.225	0.00000311	0.000477	0.001	0.00267	0.0000263
2063 Jun	0.0917	0.0000163	3.15	5.97	0.0758	0.000824	7.8	0.00455	0.0696	0.0005	0.000412	0.000182	0.203	0.00000302	0.000369	0.00105	0.0027	0.0000199
2063 Jul	0.092	0.0000169	3.21	6.01	0.0749	0.000842	7.79	0.00463	0.0713	0.000486	0.000428	0.000186	0.204	0.00000313	0.000377	0.00106	0.00282	0.0000229
2063 Aug	0.0926	0.0000176	3.49	6.6	0.0777	0.000958	8.07	0.00525	0.072	0.000484	0.000458	0.000203	0.22	0.00000321	0.000439	0.00108	0.00286	0.0000251
2063 Sep	0.0904	0.0000176	3.58	6.79	0.0768	0.00102	8.06	0.0055	0.0709	0.000465	0.000461	0.000207	0.224	0.00000318	0.000465	0.00105	0.00281	0.0000259
2063 Oct	0.0892	0.0000175	3.6	6.82	0.0758	0.00104	8.03	0.00556	0.0705	0.000452	0.000458	0.000208	0.225	0.00000317	0.000474	0.00103	0.00277	0.0000266
2063 Nov	0.0889	0.0000175	3.6	6.83	0.0756	0.00105	8.02	0.00557	0.0704	0.000448	0.000457	0.000208	0.225	0.00000316	0.000476	0.00103	0.00276	0.0000267
2063 Dec	0.0889	0.0000175	3.61	6.84	0.0756	0.00105	8.03	0.00558	0.0704	0.000448	0.000457	0.000209	0.225	0.00000316	0.000477	0.00103	0.00276	0.0000267
2064 Jan	0.0889	0.0000175	3.61	6.85	0.0756	0.00105	8.03	0.00559	0.0704	0.000448	0.000458	0.000209	0.225	0.00000316	0.000477	0.00103	0.00276	0.0000267
2064 Feb	0.0889	0.0000176	3.61	6.85	0.0757	0.00105	8.03	0.00559	0.0704	0.000448	0.000458	0.000209	0.225	0.00000316	0.000478	0.00103	0.00276	0.0000268
2064 Mar	0.089	0.0000176	3.62	6.86	0.0758	0.00105	8.04	0.0056	0.0704	0.000449	0.000458	0.000209	0.226	0.00000317	0.000478	0.00103	0.00276	0.0000269
2064 Apr	0.0891	0.0000176	3.62	6.87	0.0759	0.00105	8.05	0.0056	0.0705	0.000449	0.000459	0.00021	0.226	0.00000317	0.000479	0.00103	0.00277	0.0000271
2064 May	0.0931	0.0000176	3.66	7	0.0807	0.00104	8.24	0.00561	0.0712	0.000495	0.00046	0.000212	0.231	0.00000317	0.000475	0.00108	0.00277	0.000026
2064 Jun	0.107	0.0000174	3.6	7.03	0.0954	0.000914	8.74	0.00517	0.0746	0.000657	0.000452	0.000211	0.239	0.00000319	0.000418	0.00124	0.00284	0.0000217
2064 Jul	0.108	0.0000177	3.71	7.22	0.0962	0.000954	8.83	0.00537	0.0753	0.000654	0.000465	0.000218	0.244	0.00000324	0.000437	0.00125	0.00288	0.0000239
2064 Aug	0.106	0.000018	3.86	7.53	0.0961	0.00103	8.86	0.00575	0.0745	0.000637	0.000478	0.000226	0.252	0.00000325	0.000477	0.00123	0.00286	0.0000252
2064 Sep	0.101	0.0000177	3.85	7.52	0.0923	0.00107	8.65	0.00586	0.0722	0.000595	0.000469	0.000225	0.25	0.00000318	0.000492	0.00117	0.00276	0.0000253
2064 Oct	0.101	0.0000179	3.93	7.67	0.0922	0.00111	8.68	0.00603	0.0721	0.000585	0.000475	0.00023	0.254	0.00000319	0.000511	0.00116	0.00275	0.0000269
2064 Nov	0.101	0.0000179	3.96	7.74	0.0926	0.00112	8.71	0.00609	0.0722	0.000586	0.000478	0.000232	0.255	0.0000032	0.000517	0.00117	0.00275	0.0000275
2064 Dec	0.101	0.0000179	3.97	7.74	0.0926	0.00112	8.71	0.0061	0.0722	0.000586	0.000479	0.000232	0.255	0.0000032	0.000518	0.00117	0.00275	0.0000275
2065 Jan	0.101	0.0000179	3.97	7.75	0.0926	0.00112	8.72	0.0061	0.0722	0.000586	0.000479	0.000233	0.256	0.0000032	0.000518	0.00117	0.00275	0.0000276
2065 Feb	0.101	0.0000179	3.97	7.75	0.0927	0.00113	8.72	0.00611	0.0722	0.000586	0.000479	0.000233	0.256	0.0000032	0.000519	0.00117	0.00276	0.0000277
2065 Mar	0.101	0.0000179	3.98	7.76	0.0928	0.00113	8.73	0.00611	0.0723	0.000586	0.000479	0.000233	0.256	0.0000032	0.000519	0.00117	0.00276	0.0000278
2065 Apr	0.101	0.000018	3.99	7.78	0.093	0.00113	8.75	0.00612	0.0724	0.000588	0.00048	0.000234	0.256	0.00000321	0.00052	0.00117	0.00276	0.000028
2065 May	0.103	0.0000182	4.07	7.97	0.0958	0.00115	8.9	0.00627	0.0731	0.000608	0.000489	0.000239	0.263	0.00000324	0.000533	0.0012	0.00279	0.000028
2065 Jun	0.105	0.0000178	3.78	7.36	0.094	0.00101	8.6	0.00562	0.0739	0.000622	0.000472	0.000221	0.247	0.00000322	0.000465	0.00122	0.00285	0.0000243
2065 Jul	0.106	0.0000184	3.88	7.51	0.0946	0.00104	8.7	0.00578	0.0758	0.00062	0.000489	0.000227	0.251	0.00000333	0.00048	0.00124	0.00295	0.0000263
2065 Aug	0.107	0.000019	4.11	7.97	0.0973	0.00112	8.93	0.00626	0.0769	0.000625	0.000514	0.000241	0.264	0.00000341	0.000526	0.00126	0.00301	0.0000285
2065 Sep	0.103	0.0000187	4.09	7.96	0.0939	0.00115	8.71	0.00634	0.0746	0.000588	0.000505	0.000239	0.262	0.00000332	0.000539	0.0012	0.0029	0.000028
2065 Oct	0.0951	0.0000178	3.92	7.63	0.086	0.00116	8.21	0.00616	0.071	0.000521	0.000472	0.000227	0.249	0.00000315	0.000531	0.0011	0.00269	0.0000267
2065 Nov	0.0943	0.0000177	3.92	7.63	0.0854	0.00117	8.18	0.00618	0.0707	0.000514	0.00047	0.000227	0.249	0.00000314	0.000534	0.00109	0.00267	0.0000274
2065 Dec	0.0943	0.0000177	3.93	7.64	0.0854	0.00117	8.18	0.00618	0.0707	0.000514	0.00047	0.000228	0.249	0.00000314	0.000534	0.00109	0.00267	0.0000276
2066 Jan	0.0943	0.0000177	3.93	7.65	0.0855	0.00117	8.19	0.00619	0.0707	0.000514	0.000471	0.000228	0.25	0.00000314	0.000535	0.00109	0.00267	0.0000278
2066 Feb	0.0943	0.0000177	3.94	7.65	0.0855	0.00117	8.19	0.00619	0.0707	0.000514	0.000471	0.000228	0.25	0.00000314	0.000535	0.00109	0.00267	0.0000279
2066 Mar	0.0945	0.0000178	3.94	7.66	0.0857	0.00117	8.2	0.0062	0.0707	0.000514	0.000471	0.000229	0.25	0.00000314	0.000536	0.00109	0.00267	0.0000281
2066 Apr	0.0946	0.0000178	3.95	7.67	0.0858	0.00117	8.22	0.00621	0.0709	0.000515	0.000472	0.000229	0.25	0.00000315	0.000537	0.00109	0.00268	0.0000283
2066 May	0.0955	0.0000179	3.98	7.73	0.0867	0.00118	8.29	0.00624	0.0714	0.000521	0.000475	0.000231	0.252	0.00000317	0.00054	0.0011	0.0027	0.0000288
2066 Jun	0.092	0.0000172	3.45	6.56	0.0774	0.000957	7.53	0.0052	0.0712	0.000484	0.000447	0.0002	0.219	0.00000314	0.000435	0.00107	0.00279	0.0000238
2066 Jul	0.0931	0.0000179	3.56	6.71	0.0776	0.000989	7.61	0.00538	0.0733	0.000477	0.000466	0.000206	0.223	0.00000326	0.000452	0.00108	0.00291	0.0000256
2066 Aug	0.0937	0.0000184	3.72	7.04	0.0791	0.00106	7.76	0.00573	0.074	0.000476	0.000483	0.000216	0.232	0.00000332	0.000486	0.00109	0.00294	0.0000277
2066 Sep	0.092	0.0000183	3.77	7.13	0.0782	0.00109	7.72	0.00584	0.0732	0.000461	0.000482	0.000218	0.234	0.0000033	0.000499	0.00107	0.0029	0.0000286
2066 Oct	0.0899	0.0000182	3.8	7.19	0.077	0.00112	7.64	0.00595	0.072	0.000443	0.000479	0.00022	0.235	0.00000326	0.000513	0.00104	0.00283	0.0000297
2066 Nov	0.0895	0.0000182	3.82	7.23	0.0769	0.00114	7.64	0.00599	0.0718	0.000439	0.00048	0.000222	0.236	0.00000326	0.000518	0.00104	0.00282	0.0000308
2066 Dec	0.0895	0.0000182	3.83	7.24	0.0769	0.00114	7.64	0.006	0.0718	0.000439	0.00048	0.000222	0.236	0.00000326	0.000519	0.00104	0.00282	0.0000308
2067 Jan	0.0895	0.0000182	3.83	7.25	0.0769	0.00114	7.64	0.006	0.0718	0.000439	0.00048	0.000222	0.236	0.00000326	0.00052	0.00104	0.00282	0.0000308
2067 Feb	0.0895	0.0000182	3.83	7.25	0.077	0.00114	7.64	0.006	0.0718	0.000439	0.00048	0.000222	0.236	0.00000326	0.00052	0.00104	0.00282	0.0000309
2067 Mar	0.0896	0.0000182	3.83	7.25	0.077	0.00114	7.65	0.00601	0.0719	0.00044	0.00048	0.000222	0.236	0.00000326	0.00052	0.00104	0.00282	0.0000311
2067 Apr	0.0897	0.0000182	3.84	7.26	0.0772	0.00115	7.66	0.00601	0.072	0.00044	0.000481	0.000223	0.237	0.00000326	0.000521	0.00104	0.00283	0.0000312
2067 May	0.092	0.0000183	3.87	7.34	0.0795	0.00115	7.8	0.00603	0.0729	0.000462	0.000484	0.000225	0.24	0.00000329	0.00052	0.00107	0.00285	0.0000314
2067 Jun	0.0978	0.0000181	3.69	6.99	0.0835	0.00102	7.89	0.00549	0.0746	0.000525	0.00047	0.000215	0.233	0.0000033	0.00046	0.00113	0.00291	0.0000284
2067 Jul	0.0993	0.0000186	3.82	7.23	0.0851	0.00106	8.04	0.00572	0.0761	0.000528	0.000486	0.000223	0.24	0.00000338	0.000481	0.00115	0.00298	0.0000305
2067 Aug	0.0983	0.0000188	3.92	7.44	0.0851	0.00112	8.04	0.00597	0.0756	0.000518	0.000495	0.00023	0.245	0.0000034	0.000508	0.00114	0.00297	0.0000319
2067 Sep	0.0979	0.0000189	4.02	7.63	0.0856	0.00116	8.08	0.00618	0.0755	0.000512	0.000503	0.000235	0.25	0.00000341	0.000529	0.00113	0.00297	0.0000334
2067 Oct	0.095	0.0000186	4.01	7.62	0.0836	0.00118	7.93	0.00623	0.0738	0.00049	0.000496	0.000235	0.249	0.00000334	0.000538	0.0011	0.00289	0.0000338
2067 Nov	0.0944	0.0000186	4.03	7.64	0.0832	0.00119	7.91	0.00625	0.0736	0.000484	0.000495	0.000236	0.249	0.00000334	0.000541	0.00109	0.00287	0.0000346
2067 Dec	0.0944	0.0000186	4.03	7.65	0.0831	0.0012	7.91	0.00626	0.0736	0.000484	0.000495	0.000236	0.249	0.00000334	0.000542	0.00109	0.00287	0.0000346
2068 Jan	0.0944	0.0000186	4.03	7.65	0.0832	0.0012	7.92	0.00626	0.0736	0.000484	0.000495	0.000236	0.249	0.00000334	0.000543	0.00109	0.00287	0.0000347
2068 Feb	0.0944	0.0000186	4.03	7.66	0.0832	0.0012	7.92	0.00626	0.0736	0.000484	0.000496	0.000236	0.249	0.00000334	0.000543	0.00109	0.00287	0.0000348
2068 Mar	0.0946	0.0000186	4.04	7.67	0.0833	0.0012	7.93	0.00627	0.0737	0.000484	0.000496	0.000236	0.25	0.00000334	0.000543	0.00109	0.00287	0.0000349
2068 Apr	0.095	0.0000187	4.06	7.7	0.0837	0.0012	7.96	0.0063	0.074	0.000486	0.000498	0.000237	0.251	0.00000335	0.000546	0.0011	0.00288	0.0000352
2068 May	0.0974	0.0000187	4.06	7.74	0.0865	0.00119	8.09	0.00625	0.0745	0.000514	0.000497	0.000238	0.253	0.00000336	0.000539	0.00113	0.00289	0.0000348
2068 Jun	0.106	0.0000176	3.69	7.12	0.0937	0.000961	8.17	0.00531	0.0749	0.00063	0.000461	0.000217	0.24	0.00000324	0.000435	0.00122	0.00286	0.0000267
2068 Jul	0.105	0.0000179	3.77	7.27	0.0928	0.001	8.1	0.00553	0.0747	0.000613	0.000473	0.000222	0.244	0.00000326	0.000457	0.00121	0.00288	0.0000277
2068 Aug	0.105	0.0000184	3.93	7.58	0.0943	0.00106	8.25	0.00584	0.0756	0.000612	0.000488	0.000232	0.252	0.00000334	0.000489	0.00122	0.00292	0.0000299
2068 Sep	0.103	0.0000182	3.94	7.58	0.0922	0.00109	8.14	0.0059	0.0746	0.000589	0.000483	0.000232	0.251	0.0000033	0.000497	0.00118	0.00286	0.0000305
2068 Oct	0.102	0.0000182	3.98	7.65	0.0917	0.00112	8.12	0.00598	0.0743	0.000578	0.000483	0.000234	0.253	0.0000033	0.000507	0.00117	0.00284	0.0000323
2068 Nov	0.102	0.0000183	4	7.69	0.0919	0.00113	8.14	0.00601	0.0744	0.000579	0.000485	0.000236	0.254	0.00000331	0.000511	0.00117	0.00285	0.000033
2068 Dec	0.102	0.0000183	4.01	7.69	0.092	0.00113	8.14	0.00602	0.0744	0.000579	0.000486	0.000236	0.254	0.00000331	0.000511	0.00117	0.00285	0.0000332
2069 Jan	0.102	0.0000183	4.01	7.7	0.092	0.00113	8.15	0.00603	0.0744	0.000579	0.000486	0.000237	0.254	0.00000331	0.000512	0.00117	0.00285	0.0000332
2069 Feb	0.102	0.0000183	4.01	7.7	0.092	0.00113	8.15	0.00603	0.0744	0.000579	0.000486	0.000237	0.254	0.00000331	0.000512	0.00117	0.00285	0.0000333
2069 Mar	0.102	0.0000183	4.01	7.7	0.0921	0.00113	8.15	0.00603	0.0744	0.000579	0.000486	0.000237	0.254	0.00000331	0.000512	0.00118	0.00285	0.0000334
2069 Apr	0.102	0.0000183	4.02	7.71	0.0922	0.00113	8.16	0.00603	0.0745	0.000579	0.000487	0.000237	0.255	0.00000331	0.000513	0.00118	0.00285	0.0000335
2069 May	0.103	0.0000185	4.07	7.8	0.0934	0.00115	8.26	0.0061	0.0753	0.000587	0.000492	0.00024	0.258	0.00000335	0.000518	0.00119	0.00288	0.0000343
2069 Jun	0.0983	0.0000179	3.63	6.84	0.0837	0.000977	7.61	0.00531	0.0743	0.000535	0.000468	0.000213	0.229	0.0000033	0.000441	0.00114	0.00293	0.0000296
2069 Jul	0.098	0.0000184	3.69	6.93	0.0827	0.001	7.58	0.00546	0.0755	0.000519	0.000484	0.000217	0.231	0.00000338	0.000456	0.00114	0.00302	0.0000305

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0985	0.0000188	3.84	7.23	0.0842	0.00106	7.67	0.00578	0.0759	0.000519	0.000499	0.000226	0.239	0.00000342	0.000487	0.00115	0.00305	0.0000322
2069 Sep	0.0946	0.0000183	3.79	7.13	0.0808	0.00107	7.45	0.00575	0.0738	0.000488	0.000484	0.000221	0.235	0.00000333	0.000489	0.0011	0.00293	0.0000315
2069 Oct	0.088	0.0000174	3.58	6.73	0.0736	0.00106	7.06	0.00544	0.0706	0.000432	0.000443	0.000208	0.221	0.00000315	0.000467	0.000996	0.0027	0.0000303
2069 Nov	0.0877	0.0000173	3.59	6.74	0.0734	0.00107	7.05	0.00545	0.0706	0.000428	0.000442	0.000209	0.222	0.00000315	0.000469	0.00099	0.00269	0.0000311
2069 Dec	0.0877	0.0000173	3.59	6.74	0.0734	0.00107	7.05	0.00545	0.0706	0.000428	0.000442	0.000208	0.222	0.00000315	0.000469	0.000989	0.00269	0.0000311
2070 Jan	0.0877	0.0000173	3.59	6.74	0.0734	0.00107	7.05	0.00545	0.0706	0.000428	0.000442	0.000209	0.222	0.00000315	0.000469	0.000989	0.00269	0.0000312
2070 Feb	0.0877	0.0000173	3.59	6.74	0.0734	0.00107	7.05	0.00545	0.0706	0.000428	0.000442	0.000209	0.222	0.00000315	0.000469	0.00099	0.00269	0.0000313
2070 Mar	0.0878	0.0000173	3.6	6.75	0.0735	0.00107	7.06	0.00545	0.0706	0.000428	0.000442	0.000209	0.222	0.00000315	0.000469	0.00099	0.00269	0.0000315
2070 Apr	0.088	0.0000174	3.61	6.76	0.0737	0.00107	7.08	0.00546	0.0707	0.000429	0.000443	0.00021	0.222	0.00000316	0.00047	0.000993	0.0027	0.0000317
2070 May	0.0908	0.0000175	3.63	6.83	0.0766	0.00106	7.24	0.00544	0.0717	0.000457	0.000444	0.000211	0.225	0.00000318	0.000466	0.00102	0.00272	0.0000314
2070 Jun	0.1	0.0000171	3.53	6.72	0.0865	0.000947	7.66	0.005	0.0734	0.000572	0.000431	0.000207	0.227	0.00000316	0.000412	0.00114	0.00274	0.0000278
2070 Jul	0.101	0.0000174	3.62	6.88	0.0875	0.00098	7.74	0.00516	0.0743	0.000573	0.000443	0.000213	0.232	0.00000322	0.000427	0.00115	0.00279	0.0000302
2070 Aug	0.101	0.0000178	3.78	7.2	0.0884	0.00105	7.8	0.00551	0.0744	0.000567	0.000458	0.000222	0.24	0.00000326	0.000462	0.00115	0.0028	0.0000319
2070 Sep	0.0977	0.0000175	3.75	7.16	0.0855	0.00107	7.62	0.00554	0.0728	0.000537	0.000449	0.00022	0.238	0.0000032	0.00047	0.0011	0.00272	0.0000316
2070 Oct	0.0946	0.0000171	3.67	6.98	0.0821	0.00106	7.43	0.00541	0.0714	0.000509	0.000432	0.000215	0.232	0.00000313	0.000461	0.00106	0.00263	0.0000319
2070 Nov	0.0941	0.0000171	3.67	6.97	0.0817	0.00107	7.42	0.00541	0.0713	0.000505	0.000431	0.000215	0.231	0.00000312	0.000461	0.00105	0.00262	0.0000324
2070 Dec	0.0941	0.0000171	3.67	6.98	0.0817	0.00107	7.42	0.00541	0.0712	0.000505	0.000431	0.000215	0.231	0.00000312	0.000462	0.00105	0.00262	0.0000325
2071 Jan	0.0941	0.0000171	3.67	6.98	0.0817	0.00107	7.42	0.00541	0.0712	0.000505	0.000431	0.000215	0.231	0.00000312	0.000462	0.00105	0.00262	0.0000326
2071 Feb	0.0941	0.0000171	3.68	6.98	0.0817	0.00107	7.42	0.00541	0.0712	0.000505	0.000431	0.000215	0.232	0.00000312	0.000462	0.00105	0.00262	0.0000327
2071 Mar	0.0941	0.0000171	3.68	6.98	0.0818	0.00107	7.42	0.00541	0.0712	0.000505	0.000431	0.000216	0.232	0.00000312	0.000462	0.00105	0.00262	0.0000328
2071 Apr	0.0942	0.0000171	3.68	6.99	0.0819	0.00107	7.43	0.00542	0.0713	0.000505	0.000432	0.000216	0.232	0.00000313	0.000462	0.00105	0.00262	0.000033
2071 May	0.096	0.0000171	3.69	7.01	0.0838	0.00106	7.53	0.00538	0.0717	0.000525	0.000431	0.000217	0.233	0.00000313	0.000457	0.00107	0.00262	0.0000327
2071 Jun	0.0988	0.0000165	3.44	6.57	0.0855	0.000925	7.47	0.00483	0.0714	0.000569	0.000413	0.000203	0.223	0.00000306	0.000397	0.00111	0.00263	0.0000282
2071 Jul	0.0986	0.0000168	3.48	6.59	0.0848	0.000937	7.46	0.00488	0.0722	0.000559	0.000422	0.000205	0.223	0.00000312	0.000402	0.00111	0.00269	0.0000302
2071 Aug	0.0994	0.0000173	3.65	6.92	0.0867	0.001	7.58	0.00522	0.0729	0.000561	0.00044	0.000216	0.232	0.00000318	0.000436	0.00112	0.00273	0.0000327
2071 Sep	0.0965	0.0000171	3.67	6.97	0.0847	0.00104	7.43	0.00533	0.0714	0.000537	0.000437	0.000217	0.232	0.00000313	0.00045	0.00109	0.00266	0.000033
2071 Oct	0.095	0.0000169	3.66	6.93	0.0835	0.00104	7.35	0.00531	0.0706	0.000524	0.000432	0.000216	0.231	0.0000031	0.000451	0.00107	0.00262	0.0000343
2071 Nov	0.0946	0.0000169	3.66	6.93	0.083	0.00105	7.34	0.00532	0.0706	0.000519	0.000431	0.000217	0.23	0.0000031	0.000452	0.00106	0.00261	0.0000347
2071 Dec	0.0945	0.0000169	3.66	6.93	0.0829	0.00105	7.34	0.00532	0.0706	0.000518	0.00043	0.000216	0.23	0.0000031	0.000452	0.00106	0.00261	0.0000347
2072 Jan	0.0946	0.0000169	3.66	6.93	0.0829	0.00105	7.34	0.00531	0.0706	0.000518	0.00043	0.000217	0.23	0.0000031	0.000452	0.00106	0.00261	0.0000348
2072 Feb	0.0946	0.0000169	3.66	6.93	0.083	0.00105	7.34	0.00531	0.0706	0.000518	0.00043	0.000217	0.23	0.0000031	0.000452	0.00106	0.00261	0.0000349
2072 Mar	0.0946	0.0000169	3.67	6.93	0.083	0.00105	7.35	0.00531	0.0706	0.000518	0.00043	0.000217	0.23	0.0000031	0.000452	0.00106	0.00261	0.000035
2072 Apr	0.0948	0.0000169	3.67	6.94	0.0832	0.00105	7.36	0.00532	0.0707	0.000519	0.000431	0.000217	0.231	0.00000311	0.000453	0.00106	0.00261	0.0000353
2072 May	0.0956	0.0000171	3.71	7.01	0.084	0.00107	7.43	0.00537	0.0713	0.000524	0.000435	0.00022	0.233	0.00000314	0.000457	0.00107	0.00264	0.0000358
2072 Jun	0.0911	0.0000168	3.4	6.3	0.0757	0.000948	6.94	0.00484	0.0709	0.000472	0.000422	0.0002	0.211	0.00000313	0.000405	0.00103	0.00271	0.0000323
2072 Jul	0.0892	0.0000169	3.36	6.17	0.0729	0.000937	6.78	0.00478	0.0707	0.000449	0.000424	0.000198	0.207	0.00000314	0.000401	0.001	0.00273	0.0000333
2072 Aug	0.0843	0.0000165	3.33	6.12	0.069	0.000965	6.56	0.00483	0.0679	0.000409	0.000407	0.000196	0.204	0.00000306	0.00041	0.00093	0.0026	0.0000329
2072 Sep	0.0805	0.0000162	3.31	6.08	0.066	0.000988	6.39	0.00487	0.0658	0.000379	0.000395	0.000194	0.202	0.00000299	0.000417	0.000877	0.00249	0.0000325
2072 Oct	0.0778	0.0000158	3.21	5.89	0.0629	0.000977	6.22	0.00472	0.0645	0.000356	0.000376	0.000187	0.195	0.00000292	0.000405	0.000835	0.0024	0.0000316
2072 Nov	0.0775	0.0000158	3.21	5.89	0.0626	0.000982	6.21	0.00472	0.0645	0.000352	0.000375	0.000187	0.195	0.00000291	0.000407	0.00083	0.00239	0.0000315
2072 Dec	0.0775	0.0000158	3.22	5.9	0.0626	0.000984	6.21	0.00473	0.0645	0.000352	0.000375	0.000187	0.196	0.00000291	0.000408	0.00083	0.00239	0.0000315
2073 Jan	0.0775	0.0000158	3.22	5.9	0.0627	0.000984	6.21	0.00474	0.0645	0.000352	0.000375	0.000188	0.196	0.00000291	0.000408	0.00083	0.00239	0.0000316
2073 Feb	0.0775	0.0000158	3.22	5.91	0.0627	0.000985	6.22	0.00474	0.0645	0.000352	0.000375	0.000188	0.196	0.00000291	0.000408	0.00083	0.00239	0.0000318
2073 Mar	0.0775	0.0000158	3.22	5.91	0.0628	0.000986	6.22	0.00474	0.0645	0.000352	0.000376	0.000188	0.196	0.00000291	0.000408	0.000831	0.00239	0.0000319
2073 Apr	0.0778	0.0000159	3.24	5.93	0.063	0.00099	6.25	0.00475	0.0647	0.000354	0.000377	0.000189	0.197	0.00000292	0.00041	0.000834	0.0024	0.0000322
2073 May	0.082	0.0000159	3.29	6.11	0.0683	0.000983	6.47	0.00481	0.0653	0.000403	0.000382	0.000192	0.203	0.00000292	0.000411	0.000888	0.00241	0.0000308
2073 Jun	0.0908	0.000016	3.27	6.16	0.0771	0.000902	6.86	0.00462	0.0679	0.000498	0.00039	0.000192	0.209	0.00000296	0.000383	0.001	0.00252	0.0000272
2073 Jul	0.0922	0.0000166	3.39	6.35	0.0781	0.00094	6.96	0.00482	0.0697	0.000498	0.000408	0.000199	0.214	0.00000307	0.0004	0.00102	0.00262	0.0000298
2073 Aug	0.0921	0.0000169	3.55	6.66	0.0793	0.00101	7.02	0.00515	0.0698	0.000493	0.000424	0.000209	0.222	0.00000311	0.000435	0.00103	0.00263	0.0000322
2073 Sep	0.0908	0.000017	3.63	6.83	0.0791	0.00105	6.97	0.00536	0.0691	0.000482	0.00043	0.000214	0.226	0.0000031	0.000456	0.00101	0.00261	0.0000333
2073 Oct	0.0883	0.0000167	3.58	6.74	0.0767	0.00106	6.84	0.00531	0.0679	0.000461	0.000419	0.000211	0.223	0.00000304	0.000455	0.000981	0.00254	0.0000335
2073 Nov	0.0876	0.0000166	3.57	6.71	0.076	0.00106	6.8	0.00529	0.0676	0.000455	0.000416	0.00021	0.222	0.00000303	0.000454	0.000971	0.00252	0.0000333
2073 Dec	0.0876	0.0000166	3.57	6.72	0.076	0.00106	6.8	0.00531	0.0676	0.000454	0.000417	0.00021	0.222	0.00000303	0.000456	0.000971	0.00252	0.0000333
2074 Jan	0.0876	0.0000166	3.58	6.73	0.0761	0.00106	6.8	0.00531	0.0676	0.000454	0.000417	0.00021	0.222	0.00000303	0.000456	0.000971	0.00252	0.0000333
2074 Feb	0.0876	0.0000166	3.58	6.73	0.0761	0.00106	6.8	0.00532	0.0676	0.000454	0.000417	0.000211	0.222	0.00000303	0.000457	0.000972	0.00252	0.0000334
2074 Mar	0.0877	0.0000166	3.58	6.74	0.0762	0.00106	6.8	0.00532	0.0677	0.000455	0.000418	0.000211	0.223	0.00000303	0.000457	0.000972	0.00252	0.0000336
2074 Apr	0.088	0.0000167	3.59	6.76	0.0764	0.00107	6.83	0.00534	0.0679	0.000456	0.000419	0.000212	0.223	0.00000304	0.000458	0.000975	0.00253	0.0000338
2074 May	0.0936	0.0000166	3.62	6.9	0.0833	0.00103	7.12	0.00529	0.0686	0.000525	0.00042	0.000213	0.23	0.00000302	0.000448	0.00105	0.00253	0.0000316
2074 Jun	0.105	0.0000166	3.55	6.9	0.0949	0.000916	7.65	0.00496	0.0717	0.000655	0.000421	0.00021	0.235	0.00000305	0.000402	0.00119	0.00264	0.000026
2074 Jul	0.107	0.0000172	3.73	7.23	0.0968	0.000981	7.78	0.00529	0.0732	0.000656	0.000444	0.000222	0.244	0.00000316	0.000434	0.00122	0.00272	0.0000293
2074 Aug	0.108	0.0000177	3.93	7.63	0.099	0.00106	7.92	0.00569	0.0742	0.000658	0.000465	0.000234	0.256	0.00000323	0.000474	0.00123	0.00277	0.0000317
2074 Sep	0.104	0.0000175	3.92	7.61	0.0954	0.00109	7.7	0.00578	0.0723	0.00062	0.000457	0.000232	0.253	0.00000317	0.000487	0.00118	0.00268	0.0000315
2074 Oct	0.1	0.0000173	3.93	7.62	0.0929	0.00112	7.55	0.00585	0.071	0.000591	0.000453	0.000233	0.252	0.00000312	0.000498	0.00114	0.00262	0.0000328
2074 Nov	0.0999	0.0000174	4.01	7.78	0.0933	0.00116	7.54	0.00603	0.0707	0.000587	0.000461	0.000237	0.256	0.00000312	0.000517	0.00114	0.00261	0.000034
2074 Dec	0.0998	0.0000174	4.02	7.8	0.0933	0.00116	7.53	0.00606	0.0706	0.000586	0.000462	0.000238	0.257	0.00000312	0.00052	0.00114	0.00261	0.000034
2075 Jan	0.0998	0.0000174	4.02	7.8	0.0934	0.00117	7.53	0.00606	0.0706	0.000586	0.000462	0.000238	0.257	0.00000312	0.00052	0.00114	0.00261	0.0000341
2075 Feb	0.0999	0.0000174	4.02	7.81	0.0934	0.00117	7.54	0.00607	0.0706	0.000586	0.000462	0.000238	0.257	0.00000312	0.000521	0.00114	0.00261	0.0000341
2075 Mar	0.0999	0.0000174	4.03	7.81	0.0935	0.00117	7.54	0.00607	0.0707	0.000586	0.000463	0.000239	0.257	0.00000313	0.000521	0.00114	0.00261	0.0000343
2075 Apr	0.1	0.0000175	4.04	7.84	0.0938	0.00117	7.56	0.00609	0.0709	0.000588	0.000464	0.000239	0.258	0.00000313	0.000523	0.00115	0.00262	0.0000345
2075 May	0.101	0.0000178	4.14	8.06	0.0956	0.00121	7.65	0.00629	0.0714	0.000596	0.000476	0.000245	0.264	0.00000317	0.000542	0.00116	0.00265	0.000035
2075 Jun	0.0937	0.0000172	3.62	6.87	0.0817	0.00101	6.91	0.00539	0.0707	0.00051	0.000452	0.000213	0.228	0.00000314	0.000455	0.00108	0.00275	0.0000299
2075 Jul	0.0919	0.0000174	3.49	6.54	0.0771	0.000963	6.71	0.00517	0.0717	0.000478	0.000453	0.000204	0.218	0.0000032	0.000433	0.00106	0.00284	0.0000291
2075 Aug	0.0919	0.0000177	3.62	6.78	0.0779	0.00102	6.76	0.00542	0.0718	0.000473	0.000464	0.000212	0.224	0.00000324	0.000458	0.00106	0.00286	0.0000311
2075 Sep	0.0918	0.0000179	3.71	6.95	0.0787	0.00106	6.8	0.0056	0.0719	0.000471	0.000473	0.000218	0.229	0.00000326	0.000477	0.00107	0.00286	0.0000331
2075 Oct	0.0911	0.0000179	3.74	6.99	0.0785	0.00107	6.78	0.00564	0.0715	0.000465	0.000472	0.00022	0.23	0.00000325	0.000482	0.00106	0.00284	0.0000348
2075 Nov	0.091	0.0000179	3.75	7.01	0.0783	0.00108	6.79	0.00566	0.0716	0.000462	0.000472	0.000221	0.23	0.00000326	0.000485	0.00105	0.00284	0.000035
2075 Dec	0.0909	0.0000179	3.75	7.01	0.0782	0.00108	6.78	0.00566	0.0716	0.000461	0.000472	0.000221	0.23	0.00000326	0.000485	0.00105	0.00284	0.0000351

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0909	0.0000179	3.75	7.01	0.0782	0.00109	6.78	0.00566	0.0716	0.000461	0.000472	0.000221	0.23	0.00000326	0.000485	0.00105	0.00283	0.0000351
2076 Feb	0.091	0.0000179	3.75	7.01	0.0783	0.00109	6.79	0.00566	0.0716	0.000461	0.000472	0.000221	0.23	0.00000326	0.000485	0.00105	0.00283	0.0000352
2076 Mar	0.091	0.0000179	3.76	7.02	0.0784	0.00109	6.79	0.00567	0.0716	0.000462	0.000472	0.000221	0.231	0.00000326	0.000485	0.00105	0.00284	0.0000354
2076 Apr	0.0912	0.0000179	3.77	7.03	0.0785	0.00109	6.81	0.00567	0.0718	0.000462	0.000473	0.000222	0.231	0.00000326	0.000486	0.00106	0.00284	0.0000356
2076 May	0.0936	0.000018	3.78	7.09	0.081	0.00108	6.95	0.00565	0.0725	0.000487	0.000474	0.000223	0.234	0.00000328	0.000482	0.00108	0.00286	0.0000355
2076 Jun	0.0976	0.0000176	3.52	6.58	0.0824	0.000932	7.03	0.00503	0.0739	0.000531	0.000456	0.000207	0.222	0.00000327	0.000414	0.00113	0.00292	0.0000302
2076 Jul	0.0982	0.000018	3.57	6.63	0.0821	0.000948	7.06	0.0051	0.0753	0.000524	0.000467	0.000211	0.223	0.00000335	0.00042	0.00114	0.003	0.0000322
2076 Aug	0.0993	0.0000186	3.78	7.04	0.0844	0.00103	7.19	0.00551	0.0762	0.000528	0.000489	0.000223	0.235	0.00000343	0.000461	0.00115	0.00305	0.0000346
2076 Sep	0.0995	0.0000188	3.87	7.21	0.0854	0.00107	7.24	0.00568	0.0765	0.000527	0.000498	0.00023	0.239	0.00000346	0.000478	0.00116	0.00306	0.0000366
2076 Oct	0.0971	0.0000185	3.82	7.12	0.0831	0.00107	7.1	0.00563	0.0752	0.000508	0.000487	0.000226	0.236	0.00000339	0.000476	0.00113	0.00299	0.0000363
2076 Nov	0.0964	0.0000184	3.81	7.11	0.0825	0.00107	7.07	0.00563	0.0749	0.000502	0.000484	0.000225	0.235	0.00000338	0.000477	0.00112	0.00297	0.0000361
2076 Dec	0.0964	0.0000184	3.82	7.12	0.0825	0.00107	7.07	0.00565	0.0748	0.000501	0.000484	0.000226	0.236	0.00000338	0.000479	0.00112	0.00296	0.0000362
2077 Jan	0.0964	0.0000184	3.82	7.12	0.0825	0.00108	7.07	0.00565	0.0748	0.000501	0.000484	0.000226	0.236	0.00000338	0.000479	0.00112	0.00296	0.0000362
2077 Feb	0.0964	0.0000184	3.82	7.12	0.0826	0.00108	7.07	0.00565	0.0748	0.000501	0.000485	0.000226	0.236	0.00000338	0.000479	0.00112	0.00296	0.0000363
2077 Mar	0.0964	0.0000184	3.82	7.13	0.0826	0.00108	7.07	0.00565	0.0748	0.000501	0.000485	0.000226	0.236	0.00000338	0.000479	0.00112	0.00296	0.0000365
2077 Apr	0.0966	0.0000184	3.83	7.14	0.0828	0.00108	7.09	0.00566	0.075	0.000502	0.000486	0.000227	0.236	0.00000339	0.00048	0.00112	0.00297	0.0000367
2077 May	0.0994	0.0000185	3.85	7.2	0.0858	0.00107	7.25	0.00563	0.0757	0.000532	0.000485	0.000228	0.239	0.0000034	0.000474	0.00115	0.00298	0.0000361
2077 Jun	0.108	0.0000177	3.66	6.99	0.0948	0.000932	7.64	0.00509	0.0759	0.000645	0.000459	0.000218	0.238	0.00000329	0.000413	0.00124	0.00291	0.0000303
2077 Jul	0.108	0.0000179	3.76	7.13	0.0953	0.000966	7.68	0.00524	0.0763	0.000641	0.000469	0.000224	0.241	0.00000333	0.000427	0.00125	0.00294	0.0000333
2077 Aug	0.108	0.0000184	3.94	7.5	0.0971	0.00104	7.77	0.00562	0.077	0.000641	0.000488	0.000236	0.252	0.00000339	0.000466	0.00126	0.00298	0.0000356
2077 Sep	0.103	0.0000179	3.85	7.34	0.092	0.00105	7.46	0.00557	0.0741	0.000595	0.000469	0.000229	0.245	0.00000328	0.000466	0.00118	0.00284	0.0000346
2077 Oct	0.101	0.0000177	3.83	7.28	0.0901	0.00106	7.36	0.00555	0.0734	0.000576	0.000461	0.000228	0.243	0.00000324	0.000467	0.00116	0.00279	0.000035
2077 Nov	0.101	0.0000177	3.83	7.29	0.0899	0.00107	7.35	0.00557	0.0734	0.000573	0.000461	0.000228	0.243	0.00000324	0.000469	0.00115	0.00278	0.000035
2077 Dec	0.101	0.0000177	3.84	7.29	0.0899	0.00107	7.35	0.00557	0.0734	0.000573	0.000461	0.000228	0.243	0.00000324	0.000469	0.00115	0.00278	0.000035
2078 Jan	0.101	0.0000177	3.84	7.29	0.0899	0.00107	7.36	0.00557	0.0734	0.000573	0.000461	0.000228	0.243	0.00000324	0.000469	0.00115	0.00278	0.0000351
2078 Feb	0.101	0.0000177	3.84	7.3	0.0899	0.00107	7.36	0.00557	0.0734	0.000573	0.000461	0.000228	0.243	0.00000324	0.000469	0.00115	0.00278	0.0000352
2078 Mar	0.101	0.0000177	3.84	7.3	0.09	0.00107	7.36	0.00557	0.0734	0.000573	0.000461	0.000228	0.243	0.00000324	0.00047	0.00115	0.00278	0.0000354
2078 Apr	0.101	0.0000178	3.86	7.33	0.0903	0.00107	7.39	0.00559	0.0737	0.000575	0.000463	0.000229	0.244	0.00000326	0.000471	0.00116	0.00279	0.0000357
2078 May	0.106	0.0000175	3.83	7.37	0.0962	0.00103	7.65	0.00546	0.0741	0.000638	0.000458	0.000229	0.248	0.00000322	0.000454	0.00121	0.00278	0.0000331
2078 Jun	0.116	0.0000175	3.77	7.33	0.106	0.000932	8.18	0.00512	0.077	0.000745	0.000453	0.000226	0.251	0.00000326	0.000409	0.00133	0.00285	0.0000293
2078 Jul	0.117	0.000018	3.93	7.62	0.107	0.000989	8.28	0.0054	0.0781	0.000747	0.000471	0.000236	0.259	0.00000334	0.000437	0.00135	0.00291	0.0000324
2078 Aug	0.116	0.0000183	4.08	7.92	0.108	0.00106	8.25	0.00576	0.0777	0.000733	0.000485	0.000244	0.267	0.00000336	0.000473	0.00134	0.00291	0.0000341
2078 Sep	0.115	0.0000184	4.17	8.1	0.108	0.00111	8.24	0.00596	0.0774	0.000725	0.000493	0.000251	0.272	0.00000337	0.000495	0.00133	0.00291	0.0000361
2078 Oct	0.114	0.0000184	4.21	8.17	0.107	0.00113	8.16	0.00608	0.0765	0.00071	0.000495	0.000253	0.273	0.00000335	0.000509	0.00131	0.00287	0.0000371
2078 Nov	0.113	0.0000183	4.21	8.16	0.106	0.00114	8.13	0.00608	0.0763	0.000704	0.000493	0.000253	0.272	0.00000334	0.00051	0.0013	0.00286	0.0000373
2078 Dec	0.113	0.0000183	4.21	8.16	0.106	0.00114	8.12	0.00609	0.0763	0.000703	0.000493	0.000253	0.272	0.00000334	0.00051	0.0013	0.00286	0.0000373
2079 Jan	0.113	0.0000183	4.21	8.17	0.106	0.00114	8.12	0.00609	0.0763	0.000703	0.000494	0.000253	0.272	0.00000334	0.000511	0.0013	0.00286	0.0000374
2079 Feb	0.113	0.0000183	4.21	8.17	0.106	0.00114	8.13	0.00609	0.0763	0.000703	0.000494	0.000253	0.273	0.00000334	0.000511	0.0013	0.00286	0.0000375
2079 Mar	0.113	0.0000183	4.22	8.18	0.106	0.00114	8.13	0.0061	0.0763	0.000703	0.000494	0.000253	0.273	0.00000334	0.000511	0.00131	0.00286	0.0000376
2079 Apr	0.113	0.0000184	4.23	8.2	0.107	0.00115	8.15	0.00611	0.0765	0.000705	0.000495	0.000254	0.273	0.00000335	0.000513	0.00131	0.00287	0.0000379
2079 May	0.114	0.0000185	4.27	8.27	0.108	0.00116	8.23	0.00616	0.0772	0.000713	0.000499	0.000256	0.276	0.00000338	0.000517	0.00132	0.00289	0.0000383
2079 Jun	0.106	0.0000177	3.68	7.01	0.0934	0.000942	7.46	0.00518	0.0753	0.000629	0.000465	0.000219	0.237	0.00000328	0.000422	0.00123	0.00292	0.0000301
2079 Jul	0.104	0.0000179	3.63	6.84	0.0897	0.00093	7.29	0.00511	0.0757	0.000597	0.000468	0.000215	0.232	0.00000332	0.000417	0.00121	0.00298	0.0000308
2079 Aug	0.104	0.0000183	3.79	7.16	0.0907	0.001	7.34	0.00546	0.0759	0.000591	0.000484	0.000226	0.24	0.00000337	0.000452	0.00121	0.003	0.0000332
2079 Sep	0.101	0.000018	3.79	7.18	0.0883	0.00103	7.17	0.00554	0.0742	0.000563	0.000477	0.000225	0.239	0.00000331	0.000464	0.00116	0.00291	0.0000335
2079 Oct	0.0987	0.0000178	3.78	7.15	0.0868	0.00104	7.08	0.00554	0.0733	0.000548	0.000471	0.000224	0.238	0.00000327	0.000466	0.00114	0.00286	0.0000343
2079 Nov	0.0979	0.0000178	3.77	7.11	0.0858	0.00105	7.05	0.00551	0.0731	0.00054	0.000466	0.000223	0.236	0.00000326	0.000464	0.00113	0.00284	0.0000344
2079 Dec	0.0974	0.0000177	3.75	7.07	0.0851	0.00105	7.02	0.00549	0.073	0.000534	0.000462	0.000222	0.235	0.00000325	0.000463	0.00112	0.00282	0.0000342
2080 Jan	0.0974	0.0000177	3.75	7.07	0.0851	0.00105	7.02	0.00549	0.073	0.000533	0.000462	0.000222	0.235	0.00000325	0.000463	0.00112	0.00282	0.0000342
2080 Feb	0.0974	0.0000177	3.75	7.07	0.0851	0.00105	7.03	0.00548	0.073	0.000533	0.000462	0.000222	0.235	0.00000325	0.000463	0.00112	0.00282	0.0000344
2080 Mar	0.0974	0.0000177	3.75	7.07	0.0852	0.00105	7.03	0.00548	0.073	0.000534	0.000462	0.000222	0.235	0.00000325	0.000463	0.00112	0.00282	0.0000345
2080 Apr	0.0976	0.0000177	3.76	7.09	0.0854	0.00105	7.04	0.00549	0.0731	0.000534	0.000463	0.000223	0.236	0.00000325	0.000463	0.00112	0.00282	0.0000347
2080 May	0.0986	0.0000179	3.8	7.16	0.0862	0.00106	7.11	0.00554	0.0737	0.00054	0.000467	0.000225	0.238	0.00000328	0.000468	0.00113	0.00285	0.0000352
2080 Jun	0.0937	0.0000175	3.48	6.45	0.0777	0.000947	6.69	0.00501	0.0731	0.000486	0.00045	0.000204	0.216	0.00000325	0.000416	0.00108	0.00288	0.0000313
2080 Jul	0.091	0.0000176	3.42	6.27	0.0738	0.000929	6.47	0.00494	0.0729	0.000453	0.000453	0.0002	0.21	0.00000327	0.000411	0.00105	0.00292	0.0000315
2080 Aug	0.0907	0.0000178	3.53	6.48	0.0743	0.000978	6.48	0.00518	0.0727	0.000447	0.000462	0.000207	0.215	0.00000329	0.000435	0.00104	0.00292	0.0000336
2080 Sep	0.0889	0.0000177	3.57	6.57	0.0735	0.00101	6.4	0.0053	0.0717	0.000433	0.000461	0.00021	0.217	0.00000326	0.00045	0.00102	0.00287	0.0000348
2080 Oct	0.0878	0.0000177	3.61	6.64	0.0731	0.00104	6.37	0.00538	0.0711	0.000424	0.000461	0.000213	0.218	0.00000325	0.000459	0.00101	0.00284	0.0000361
2080 Nov	0.0874	0.0000177	3.61	6.66	0.0727	0.00105	6.35	0.0054	0.071	0.00042	0.00046	0.000213	0.219	0.00000324	0.000463	0.001	0.00282	0.0000362
2080 Dec	0.0873	0.0000177	3.62	6.66	0.0727	0.00105	6.35	0.00541	0.071	0.000419	0.00046	0.000213	0.219	0.00000324	0.000464	0.001	0.00282	0.0000362
2081 Jan	0.0873	0.0000177	3.62	6.66	0.0727	0.00105	6.35	0.00541	0.071	0.000419	0.000459	0.000213	0.219	0.00000324	0.000464	0.001	0.00282	0.0000363
2081 Feb	0.0874	0.0000176	3.62	6.67	0.0728	0.00105	6.36	0.00541	0.071	0.000419	0.000459	0.000213	0.219	0.00000324	0.000464	0.001	0.00282	0.0000365
2081 Mar	0.0874	0.0000177	3.62	6.67	0.0728	0.00105	6.36	0.00541	0.071	0.000419	0.00046	0.000213	0.219	0.00000324	0.000464	0.001	0.00282	0.0000366
2081 Apr	0.0876	0.0000177	3.63	6.69	0.073	0.00106	6.38	0.00542	0.0711	0.00042	0.000461	0.000214	0.22	0.00000325	0.000465	0.001	0.00282	0.0000369
2081 May	0.0917	0.0000176	3.62	6.71	0.0775	0.00102	6.61	0.0053	0.0718	0.000468	0.000456	0.000214	0.222	0.00000324	0.000449	0.00105	0.00282	0.0000357
2081 Jun	0.0978	0.0000174	3.52	6.57	0.083	0.000936	6.92	0.00496	0.0733	0.000536	0.000446	0.000209	0.221	0.00000324	0.000409	0.00112	0.00285	0.0000327
2081 Jul	0.0994	0.0000178	3.64	6.75	0.0846	0.000974	7.06	0.00512	0.0748	0.000542	0.00046	0.000217	0.227	0.00000333	0.000424	0.00114	0.00292	0.000036
2081 Aug	0.101	0.0000185	3.88	7.23	0.0878	0.00106	7.22	0.00559	0.0762	0.00055	0.000487	0.000232	0.241	0.00000342	0.00047	0.00117	0.003	0.000039
2081 Sep	0.1	0.0000185	3.94	7.34	0.0876	0.0011	7.18	0.00573	0.0757	0.00054	0.00049	0.000235	0.243	0.00000341	0.000485	0.00116	0.00297	0.0000403
2081 Oct	0.0997	0.0000185	3.98	7.42	0.0876	0.00112	7.17	0.00581	0.0755	0.000536	0.000493	0.000238	0.245	0.00000341	0.000494	0.00115	0.00296	0.0000414
2081 Nov	0.0986	0.0000184	3.96	7.39	0.0865	0.00112	7.11	0.0058	0.0749	0.000526	0.000488	0.000236	0.244	0.00000339	0.000495	0.00114	0.00293	0.0000412
2081 Dec	0.0983	0.0000184	3.95	7.38	0.0862	0.00112	7.1	0.00579	0.0749	0.000523	0.000487	0.000236	0.244	0.00000338	0.000494	0.00113	0.00292	0.0000411
2082 Jan	0.0983	0.0000184	3.95	7.38	0.0862	0.00112	7.1	0.00579	0.0748	0.000523	0.000486	0.000236	0.244	0.00000338	0.000494	0.00113	0.00292	0.0000412
2082 Feb	0.0984	0.0000184	3.96	7.38	0.0863	0.00112	7.1	0.00579	0.0748	0.000523	0.000486	0.000236	0.244	0.00000338	0.000494	0.00113	0.00292	0.0000413
2082 Mar	0.0984	0.0000184	3.96	7.38	0.0863	0.00112	7.11	0.00579	0.0749	0.000524	0.000486	0.000236	0.244	0.00000338	0.000494	0.00113	0.00292	0.0000415
2082 Apr	0.0986	0.0000184	3.97	7.4	0.0865	0.00113	7.12	0.0058	0.075	0.000525	0.000487	0.000237	0.244	0.00000339	0.000495	0.00114	0.00293	0.0000417
2082 May	0.0994	0.0000186	4	7.46	0.0872	0.00114	7.18	0.00584	0.0756	0.000529	0.000491	0.000239	0.246	0.00000342	0.000499	0.00114	0.00295	0.0000422

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.091	0.0000179	3.51	6.43	0.0743	0.000967	6.44	0.00512	0.0733	0.000447	0.000466	0.000207	0.214	0.00000331	0.000429	0.00106	0.00297	0.0000339
2082 Jul	0.0884	0.0000179	3.29	5.9	0.0678	0.000879	6.18	0.00472	0.0741	0.000407	0.000461	0.000193	0.198	0.00000336	0.00039	0.00103	0.00307	0.0000319
2082 Aug	0.0886	0.0000182	3.41	6.12	0.0688	0.000931	6.24	0.00494	0.0745	0.000404	0.000471	0.000201	0.204	0.00000341	0.000412	0.00103	0.00308	0.0000346
2082 Sep	0.0878	0.0000182	3.46	6.2	0.0686	0.00096	6.23	0.00504	0.0741	0.000396	0.000471	0.000204	0.206	0.0000034	0.000423	0.00102	0.00306	0.0000358
2082 Oct	0.0844	0.0000177	3.37	6.05	0.0655	0.000959	6.06	0.00492	0.072	0.000372	0.00045	0.000198	0.201	0.0000033	0.000416	0.000967	0.00292	0.0000353
2082 Nov	0.0841	0.0000176	3.38	6.06	0.0653	0.000966	6.05	0.00494	0.0719	0.000368	0.000449	0.000198	0.201	0.00000329	0.000418	0.000961	0.00291	0.0000354
2082 Dec	0.0841	0.0000177	3.39	6.07	0.0653	0.000969	6.05	0.00495	0.0719	0.000368	0.000449	0.000198	0.201	0.00000329	0.00042	0.000961	0.00291	0.0000355
2083 Jan	0.0841	0.0000177	3.39	6.07	0.0653	0.00097	6.05	0.00495	0.0719	0.000368	0.000449	0.000199	0.201	0.00000329	0.00042	0.000961	0.00291	0.0000356
2083 Feb	0.0841	0.0000177	3.39	6.08	0.0654	0.00097	6.05	0.00495	0.0719	0.000368	0.000449	0.000199	0.202	0.00000329	0.00042	0.000962	0.00291	0.0000357
2083 Mar	0.0842	0.0000177	3.39	6.08	0.0655	0.000971	6.06	0.00495	0.072	0.000369	0.000449	0.000199	0.202	0.00000329	0.00042	0.000962	0.00291	0.0000359
2083 Apr	0.0844	0.0000177	3.4	6.1	0.0657	0.000974	6.07	0.00496	0.0721	0.00037	0.000451	0.0002	0.202	0.0000033	0.000421	0.000965	0.00292	0.0000361
2083 May	0.0876	0.0000177	3.47	6.3	0.0701	0.000981	6.27	0.00507	0.0726	0.000409	0.000456	0.000204	0.209	0.0000033	0.000428	0.00101	0.00292	0.0000352
2083 Jun	0.0955	0.0000174	3.38	6.26	0.0786	0.000886	6.66	0.00478	0.0737	0.000506	0.000448	0.000199	0.212	0.00000326	0.000391	0.0011	0.00293	0.0000298
2083 Jul	0.0955	0.0000178	3.47	6.39	0.0785	0.000918	6.67	0.00494	0.0743	0.000498	0.00046	0.000205	0.215	0.00000332	0.000406	0.0011	0.00298	0.0000321
2083 Aug	0.0932	0.0000178	3.57	6.59	0.0775	0.000975	6.56	0.0052	0.073	0.000477	0.000463	0.000211	0.219	0.0000033	0.000435	0.00107	0.00292	0.0000336
2083 Sep	0.0905	0.0000176	3.58	6.64	0.0757	0.00101	6.43	0.00531	0.0715	0.000455	0.000458	0.000211	0.22	0.00000324	0.000449	0.00103	0.00284	0.0000336
2083 Oct	0.0874	0.0000172	3.5	6.5	0.0725	0.00101	6.27	0.00521	0.07	0.000429	0.000441	0.000205	0.215	0.00000316	0.000444	0.000989	0.00273	0.0000328
2083 Nov	0.0869	0.0000172	3.5	6.49	0.0719	0.00102	6.26	0.00522	0.07	0.000423	0.000438	0.000205	0.215	0.00000316	0.000446	0.00098	0.00272	0.0000325
2083 Dec	0.0869	0.0000172	3.51	6.5	0.0719	0.00102	6.26	0.00523	0.07	0.000422	0.000438	0.000205	0.215	0.00000315	0.000446	0.000979	0.00271	0.0000326
2084 Jan	0.0869	0.0000172	3.51	6.5	0.0719	0.00102	6.26	0.00523	0.07	0.000422	0.000438	0.000205	0.215	0.00000316	0.000446	0.000979	0.00271	0.0000328
2084 Feb	0.0869	0.0000172	3.51	6.5	0.072	0.00102	6.26	0.00523	0.07	0.000422	0.000438	0.000205	0.215	0.00000316	0.000446	0.000979	0.00271	0.0000329
2084 Mar	0.087	0.0000172	3.51	6.51	0.072	0.00102	6.27	0.00523	0.07	0.000423	0.000438	0.000206	0.215	0.00000316	0.000447	0.00098	0.00272	0.0000331
2084 Apr	0.0873	0.0000173	3.53	6.53	0.0723	0.00102	6.29	0.00525	0.0703	0.000424	0.00044	0.000206	0.216	0.00000317	0.000448	0.000983	0.00272	0.0000334
2084 May	0.092	0.0000173	3.55	6.65	0.0777	0.00101	6.57	0.00521	0.0713	0.000477	0.00044	0.000209	0.221	0.00000318	0.00044	0.00104	0.00274	0.0000322
2084 Jun	0.102	0.0000171	3.46	6.56	0.0875	0.000894	7.13	0.0048	0.074	0.00059	0.000432	0.000205	0.224	0.0000032	0.000389	0.00116	0.00281	0.0000282
2084 Jul	0.103	0.0000175	3.58	6.74	0.0883	0.000934	7.19	0.00498	0.0749	0.000588	0.000446	0.000212	0.229	0.00000327	0.000407	0.00117	0.00286	0.0000316
2084 Aug	0.103	0.0000179	3.75	7.1	0.0896	0.00101	7.22	0.00537	0.075	0.000583	0.000463	0.000223	0.238	0.00000331	0.000446	0.00117	0.00288	0.0000336
2084 Sep	0.101	0.0000179	3.81	7.22	0.0891	0.00105	7.15	0.00553	0.0742	0.00057	0.000467	0.000227	0.241	0.00000329	0.000463	0.00116	0.00285	0.0000347
2084 Oct	0.0989	0.0000177	3.78	7.16	0.0869	0.00105	7.03	0.00551	0.0731	0.00055	0.000458	0.000224	0.238	0.00000324	0.000464	0.00112	0.00279	0.0000342
2084 Nov	0.0981	0.0000176	3.76	7.12	0.086	0.00105	6.99	0.00549	0.0728	0.000542	0.000455	0.000222	0.237	0.00000323	0.000464	0.00111	0.00276	0.000034
2084 Dec	0.0981	0.0000176	3.76	7.13	0.086	0.00106	6.99	0.0055	0.0728	0.000542	0.000455	0.000223	0.237	0.00000323	0.000465	0.00111	0.00276	0.000034
2085 Jan	0.0981	0.0000176	3.77	7.13	0.086	0.00106	6.99	0.00551	0.0728	0.000541	0.000455	0.000223	0.237	0.00000323	0.000465	0.00111	0.00276	0.000034
2085 Feb	0.0981	0.0000176	3.77	7.14	0.0861	0.00106	6.99	0.00551	0.0728	0.000542	0.000455	0.000223	0.237	0.00000323	0.000465	0.00111	0.00276	0.0000342
2085 Mar	0.0981	0.0000176	3.77	7.14	0.0861	0.00106	6.99	0.00551	0.0728	0.000542	0.000455	0.000223	0.237	0.00000323	0.000465	0.00111	0.00276	0.0000343
2085 Apr	0.0983	0.0000176	3.78	7.15	0.0863	0.00106	7.01	0.00552	0.073	0.000543	0.000456	0.000224	0.238	0.00000323	0.000466	0.00111	0.00277	0.0000345
2085 May	0.102	0.0000177	3.82	7.27	0.0902	0.00105	7.21	0.00553	0.0739	0.000579	0.000459	0.000226	0.243	0.00000325	0.000464	0.00116	0.00279	0.0000338
2085 Jun	0.109	0.0000176	3.8	7.29	0.0977	0.000996	7.65	0.0053	0.0758	0.00066	0.000454	0.000226	0.247	0.00000327	0.000435	0.00124	0.00282	0.0000324
2085 Jul	0.11	0.000018	3.93	7.53	0.0991	0.00105	7.71	0.00554	0.0764	0.000661	0.000468	0.000235	0.253	0.00000332	0.000458	0.00125	0.00286	0.0000354
2085 Aug	0.109	0.0000183	4.12	7.92	0.1	0.00113	7.67	0.00599	0.0758	0.000652	0.000488	0.000246	0.264	0.00000334	0.000504	0.00125	0.00286	0.000037
2085 Sep	0.105	0.000018	4.1	7.89	0.0969	0.00116	7.46	0.00605	0.0739	0.000617	0.00048	0.000244	0.261	0.00000327	0.000514	0.0012	0.00277	0.0000374
2085 Oct	0.102	0.0000178	4.08	7.86	0.0949	0.00117	7.32	0.00607	0.0727	0.000597	0.000475	0.000243	0.259	0.00000322	0.000519	0.00117	0.00272	0.0000377
2085 Nov	0.101	0.0000177	4.05	7.79	0.0934	0.00117	7.23	0.00603	0.072	0.000585	0.000469	0.000241	0.257	0.00000319	0.000517	0.00115	0.00268	0.0000371
2085 Dec	0.101	0.0000177	4.05	7.79	0.0933	0.00117	7.23	0.00603	0.072	0.000584	0.000469	0.000241	0.256	0.00000319	0.000517	0.00115	0.00268	0.0000372
2086 Jan	0.101	0.0000177	4.05	7.79	0.0933	0.00117	7.23	0.00603	0.072	0.000584	0.000469	0.000241	0.257	0.00000319	0.000517	0.00115	0.00268	0.0000373
2086 Feb	0.101	0.0000177	4.05	7.79	0.0934	0.00117	7.23	0.00603	0.072	0.000584	0.000469	0.000241	0.257	0.00000319	0.000517	0.00115	0.00268	0.0000375
2086 Mar	0.101	0.0000177	4.05	7.79	0.0934	0.00117	7.24	0.00603	0.072	0.000584	0.000469	0.000241	0.257	0.00000319	0.000517	0.00115	0.00268	0.0000376
2086 Apr	0.101	0.0000177	4.06	7.82	0.0937	0.00117	7.26	0.00604	0.0722	0.000585	0.00047	0.000242	0.257	0.0000032	0.000519	0.00115	0.00268	0.0000379
2086 May	0.103	0.0000178	4.1	7.9	0.0953	0.00118	7.36	0.00609	0.0729	0.000599	0.000474	0.000244	0.26	0.00000322	0.000522	0.00117	0.00271	0.000038
2086 Jun	0.101	0.000017	3.66	7.01	0.0905	0.000982	7.1	0.00524	0.072	0.000598	0.000445	0.000217	0.236	0.00000313	0.000435	0.00116	0.00272	0.0000306
2086 Jul	0.1	0.0000174	3.69	7.02	0.0886	0.000997	7.02	0.00533	0.0728	0.000575	0.000457	0.000219	0.235	0.0000032	0.000444	0.00116	0.0028	0.0000324
2086 Aug	0.0985	0.0000176	3.84	7.31	0.0883	0.00107	6.94	0.00569	0.072	0.000557	0.000469	0.000228	0.242	0.00000321	0.000482	0.00113	0.00278	0.000034
2086 Sep	0.0948	0.0000174	3.83	7.29	0.0854	0.0011	6.76	0.00575	0.07	0.000525	0.00046	0.000227	0.24	0.00000315	0.000491	0.00109	0.00269	0.0000344
2086 Oct	0.094	0.0000174	3.86	7.35	0.085	0.00112	6.73	0.00582	0.0697	0.000518	0.000461	0.000228	0.241	0.00000314	0.0005	0.00108	0.00267	0.0000349
2086 Nov	0.094	0.0000174	3.87	7.37	0.0851	0.00112	6.73	0.00584	0.0697	0.000518	0.000462	0.000229	0.242	0.00000315	0.000502	0.00108	0.00267	0.000035
2086 Dec	0.094	0.0000174	3.87	7.38	0.0851	0.00112	6.73	0.00585	0.0697	0.000518	0.000463	0.000229	0.242	0.00000315	0.000503	0.00108	0.00268	0.0000351
2087 Jan	0.094	0.0000174	3.87	7.38	0.0852	0.00112	6.73	0.00585	0.0697	0.000518	0.000463	0.000229	0.242	0.00000315	0.000503	0.00108	0.00268	0.0000353
2087 Feb	0.094	0.0000174	3.88	7.38	0.0852	0.00112	6.74	0.00585	0.0698	0.000518	0.000463	0.00023	0.242	0.00000315	0.000503	0.00108	0.00268	0.0000354
2087 Mar	0.0941	0.0000174	3.88	7.39	0.0853	0.00112	6.74	0.00586	0.0698	0.000518	0.000463	0.00023	0.242	0.00000315	0.000503	0.00108	0.00268	0.0000356
2087 Apr	0.0942	0.0000175	3.89	7.4	0.0854	0.00113	6.75	0.00586	0.0699	0.000519	0.000464	0.00023	0.243	0.00000316	0.000504	0.00108	0.00268	0.0000358
2087 May	0.0972	0.0000174	3.88	7.41	0.0885	0.0011	6.93	0.00578	0.0707	0.000552	0.000462	0.00023	0.245	0.00000316	0.000493	0.00111	0.00269	0.0000349
2087 Jun	0.108	0.0000171	3.74	7.24	0.0984	0.000971	7.52	0.00526	0.0731	0.000672	0.000445	0.000223	0.245	0.00000315	0.00043	0.00123	0.00272	0.0000299
2087 Jul	0.108	0.0000173	3.81	7.35	0.0986	0.001	7.53	0.00537	0.0734	0.000667	0.000452	0.000228	0.248	0.00000319	0.000442	0.00123	0.00274	0.0000327
2087 Aug	0.108	0.0000178	4.01	7.74	0.101	0.00108	7.61	0.00577	0.074	0.000667	0.000473	0.000241	0.259	0.00000325	0.000482	0.00124	0.00278	0.0000356
2087 Sep	0.109	0.0000181	4.15	8.02	0.102	0.00114	7.64	0.00606	0.0742	0.000666	0.000487	0.000249	0.266	0.00000328	0.000511	0.00125	0.0028	0.0000376
2087 Oct	0.108	0.0000181	4.17	8.06	0.101	0.00115	7.6	0.00613	0.0738	0.000658	0.000488	0.00025	0.267	0.00000327	0.000519	0.00124	0.00278	0.0000381
2087 Nov	0.107	0.000018	4.16	8.05	0.101	0.00116	7.57	0.00613	0.0736	0.000653	0.000486	0.00025	0.266	0.00000326	0.000519	0.00124	0.00277	0.0000379
2087 Dec	0.107	0.000018	4.17	8.06	0.101	0.00116	7.57	0.00614	0.0736	0.000653	0.000487	0.00025	0.267	0.00000326	0.000521	0.00124	0.00277	0.0000379
2088 Jan	0.107	0.000018	4.17	8.07	0.101	0.00116	7.57	0.00614	0.0736	0.000653	0.000487	0.00025	0.267	0.00000326	0.000521	0.00124	0.00277	0.000038
2088 Feb	0.107	0.000018	4.17	8.07	0.101	0.00116	7.57	0.00614	0.0736	0.000653	0.000487	0.00025	0.267	0.00000326	0.000521	0.00124	0.00277	0.0000382
2088 Mar	0.107	0.000018	4.18	8.07	0.101	0.00116	7.58	0.00614	0.0737	0.000653	0.000487	0.000251	0.267	0.00000327	0.000521	0.00124	0.00277	0.0000384
2088 Apr	0.108	0.0000181	4.2	8.11	0.102	0.00117	7.62	0.00617	0.074	0.000656	0.00049	0.000252	0.268	0.00000328	0.000524	0.00124	0.00279	0.0000387
2088 May	0.109	0.0000183	4.25	8.21	0.103	0.00118	7.71	0.00625	0.0749	0.000665	0.000496	0.000255	0.272	0.00000332	0.00053	0.00126	0.00282	0.0000392
2088 Jun	0.103	0.0000179	3.83	7.27	0.0915	0.00103	7.16	0.00554	0.074	0.000592	0.000474	0.000228	0.243	0.00000328	0.000462	0.00119	0.00287	0.0000342
2088 Jul	0.102	0.0000181	3.8	7.15	0.089	0.00102	7.07	0.00549	0.0748	0.00057	0.000479	0.000226	0.239	0.00000334	0.000457	0.00118	0.00294	0.0000352
2088 Aug	0.104	0.0000188	4.05	7.64	0.0926	0.00111	7.27	0.00595	0.0766	0.000582	0.000507	0.000242	0.253	0.00000345	0.000502	0.00121	0.00303	0.0000383
2088 Sep	0.104	0.0000191	4.15	7.83	0.0937	0.00115	7.31	0.00614	0.0769	0.000583	0.000517	0.000248	0.258	0.00000348	0.000521	0.00122	0.00305	0.0000401
2088 Oct	0.101	0.0000187	4.05	7.64	0.0901	0.00114	7.14	0.00601	0.0755	0.000555	0.000499	0.000241	0.252	0.0000034	0.000512	0.00117	0.00295	0.0000391

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.1	0.0000185	4.02	7.57	0.0889	0.00114	7.1	0.00595	0.0753	0.000545	0.000492	0.000239	0.25	0.00000339	0.000507	0.00116	0.00292	0.0000386
2088 Dec	0.1	0.0000186	4.02	7.58	0.0889	0.00114	7.1	0.00596	0.0753	0.000545	0.000492	0.000239	0.25	0.00000339	0.000508	0.00116	0.00292	0.0000386
2089 Jan	0.1	0.0000185	4.02	7.58	0.0889	0.00114	7.1	0.00596	0.0753	0.000545	0.000492	0.000239	0.25	0.00000339	0.000508	0.00116	0.00292	0.0000388
2089 Feb	0.1	0.0000185	4.02	7.58	0.089	0.00114	7.1	0.00596	0.0753	0.000545	0.000492	0.000239	0.25	0.00000339	0.000508	0.00116	0.00292	0.0000389
2089 Mar	0.1	0.0000186	4.03	7.59	0.089	0.00114	7.11	0.00596	0.0753	0.000546	0.000493	0.000239	0.25	0.00000339	0.000509	0.00116	0.00292	0.0000391
2089 Apr	0.101	0.0000186	4.04	7.61	0.0893	0.00115	7.13	0.00598	0.0755	0.000547	0.000494	0.00024	0.251	0.0000034	0.00051	0.00116	0.00293	0.0000393
2089 May	0.105	0.0000186	4.04	7.66	0.0936	0.00112	7.38	0.00589	0.0767	0.000592	0.000492	0.000241	0.254	0.00000341	0.000497	0.00121	0.00295	0.0000381
2089 Jun	0.116	0.0000183	3.97	7.63	0.105	0.00102	8.02	0.00549	0.0789	0.000716	0.000478	0.000238	0.259	0.0000034	0.000448	0.00133	0.00296	0.0000345
2089 Jul	0.115	0.0000185	4.07	7.82	0.105	0.00107	7.99	0.00572	0.0787	0.000706	0.000488	0.000244	0.264	0.00000342	0.000471	0.00132	0.00296	0.0000365
2089 Aug	0.114	0.0000188	4.17	8.02	0.104	0.00112	7.93	0.00597	0.0783	0.000689	0.000495	0.00025	0.268	0.00000344	0.000498	0.0013	0.00295	0.000038
2089 Sep	0.112	0.0000188	4.25	8.17	0.104	0.00116	7.87	0.00618	0.0778	0.000677	0.000502	0.000254	0.272	0.00000343	0.000519	0.00128	0.00293	0.0000387
2089 Oct	0.107	0.0000182	4.13	7.94	0.0979	0.00116	7.54	0.00605	0.0752	0.000627	0.00048	0.000246	0.263	0.00000332	0.000514	0.00121	0.00279	0.0000379
2089 Nov	0.106	0.0000182	4.12	7.91	0.0972	0.00116	7.51	0.00603	0.075	0.000621	0.000477	0.000245	0.262	0.00000331	0.000513	0.0012	0.00278	0.0000381
2089 Dec	0.106	0.0000182	4.12	7.92	0.0972	0.00117	7.51	0.00604	0.075	0.00062	0.000477	0.000246	0.262	0.00000331	0.000514	0.0012	0.00278	0.0000382
2090 Jan	0.106	0.0000182	4.12	7.92	0.0972	0.00117	7.52	0.00604	0.075	0.00062	0.000478	0.000246	0.262	0.00000331	0.000514	0.0012	0.00278	0.0000383
2090 Feb	0.106	0.0000182	4.13	7.92	0.0973	0.00117	7.52	0.00604	0.075	0.00062	0.000478	0.000246	0.262	0.00000331	0.000514	0.0012	0.00278	0.0000384
2090 Mar	0.106	0.0000182	4.13	7.93	0.0974	0.00117	7.53	0.00605	0.075	0.000621	0.000478	0.000246	0.263	0.00000331	0.000515	0.0012	0.00278	0.0000386
2090 Apr	0.106	0.0000182	4.14	7.94	0.0976	0.00117	7.54	0.00606	0.0752	0.000622	0.000479	0.000247	0.263	0.00000332	0.000516	0.0012	0.00278	0.0000388
2090 May	0.107	0.0000184	4.19	8.05	0.0989	0.00119	7.61	0.00614	0.0757	0.00063	0.000485	0.00025	0.266	0.00000334	0.000523	0.00122	0.0028	0.0000393
2090 Jun	0.108	0.0000177	3.84	7.42	0.0975	0.00102	7.46	0.00551	0.0747	0.000653	0.000465	0.000228	0.25	0.00000324	0.000456	0.00124	0.00281	0.0000311
2090 Jul	0.108	0.000018	3.91	7.53	0.0971	0.00104	7.46	0.00565	0.0755	0.000643	0.000477	0.000233	0.252	0.0000033	0.000469	0.00124	0.00287	0.0000327
2090 Aug	0.0997	0.0000174	3.81	7.3	0.0899	0.00106	7.03	0.00561	0.0714	0.000576	0.000452	0.000226	0.243	0.00000317	0.000472	0.00113	0.0027	0.0000317
2090 Sep	0.0945	0.000017	3.71	7.11	0.0845	0.00107	6.77	0.00552	0.0692	0.000528	0.000431	0.000219	0.236	0.00000308	0.000469	0.00105	0.00257	0.0000313
2090 Oct	0.0896	0.0000164	3.57	6.79	0.0788	0.00106	6.51	0.00527	0.0674	0.000483	0.000404	0.000209	0.225	0.00000297	0.000452	0.000981	0.00243	0.0000314
2090 Nov	0.0884	0.0000162	3.54	6.73	0.0775	0.00106	6.45	0.00523	0.0668	0.000472	0.000399	0.000208	0.223	0.00000295	0.000449	0.000964	0.0024	0.0000316
2090 Dec	0.0883	0.0000162	3.54	6.73	0.0774	0.00106	6.44	0.00524	0.0668	0.000471	0.000399	0.000208	0.223	0.00000295	0.00045	0.000963	0.0024	0.0000316
2091 Jan	0.0883	0.0000162	3.54	6.74	0.0775	0.00106	6.45	0.00524	0.0668	0.000471	0.000399	0.000208	0.223	0.00000295	0.00045	0.000963	0.0024	0.0000317
2091 Feb	0.0884	0.0000162	3.55	6.74	0.0775	0.00106	6.45	0.00524	0.0668	0.000471	0.000399	0.000208	0.223	0.00000295	0.00045	0.000964	0.0024	0.0000318
2091 Mar	0.0885	0.0000162	3.55	6.75	0.0776	0.00106	6.46	0.00525	0.0668	0.000472	0.000399	0.000209	0.223	0.00000295	0.000451	0.000965	0.0024	0.000032
2091 Apr	0.0888	0.0000163	3.57	6.77	0.078	0.00107	6.48	0.00526	0.0671	0.000474	0.000401	0.000209	0.224	0.00000296	0.000452	0.000968	0.00241	0.0000323
2091 May	0.0909	0.0000164	3.6	6.85	0.0802	0.00107	6.62	0.00528	0.0679	0.000494	0.000404	0.000212	0.227	0.00000299	0.000452	0.000993	0.00243	0.0000325
2091 Jun	0.0975	0.0000161	3.42	6.56	0.0858	0.00093	6.9	0.00478	0.0692	0.000573	0.000395	0.000202	0.222	0.00000297	0.000395	0.00108	0.0025	0.0000281
2091 Jul	0.0988	0.0000166	3.57	6.81	0.0875	0.00098	7.01	0.00502	0.0706	0.000576	0.000412	0.000212	0.23	0.00000306	0.000418	0.0011	0.00257	0.0000313
2091 Aug	0.0954	0.0000165	3.62	6.92	0.0852	0.00103	6.83	0.00524	0.0688	0.000545	0.000414	0.000214	0.231	0.00000303	0.000442	0.00106	0.00251	0.0000316
2091 Sep	0.0918	0.0000164	3.61	6.89	0.0823	0.00105	6.67	0.00529	0.0671	0.000514	0.000406	0.000214	0.229	0.00000298	0.00045	0.00101	0.00244	0.0000323
2091 Oct	0.0899	0.0000162	3.61	6.89	0.0807	0.00107	6.56	0.00533	0.0663	0.000496	0.000403	0.000214	0.228	0.00000295	0.000457	0.000985	0.00239	0.0000326
2091 Nov	0.0882	0.0000161	3.56	6.77	0.0784	0.00107	6.48	0.00525	0.0659	0.000478	0.000393	0.000209	0.224	0.00000292	0.000451	0.000958	0.00235	0.0000319
2091 Dec	0.0881	0.0000161	3.56	6.77	0.0783	0.00107	6.48	0.00525	0.0659	0.000477	0.000392	0.000209	0.224	0.00000292	0.000451	0.000956	0.00235	0.0000319
2092 Jan	0.0881	0.0000161	3.56	6.78	0.0783	0.00107	6.48	0.00526	0.0659	0.000477	0.000393	0.000209	0.225	0.00000292	0.000452	0.000956	0.00235	0.0000319
2092 Feb	0.0882	0.0000161	3.56	6.79	0.0784	0.00107	6.48	0.00526	0.0659	0.000477	0.000393	0.000209	0.225	0.00000292	0.000452	0.000957	0.00235	0.0000319
2092 Mar	0.0883	0.0000161	3.57	6.79	0.0785	0.00107	6.49	0.00526	0.066	0.000478	0.000393	0.00021	0.225	0.00000292	0.000453	0.000958	0.00235	0.000032
2092 Apr	0.0886	0.0000161	3.58	6.81	0.0788	0.00107	6.51	0.00528	0.0662	0.000479	0.000394	0.000211	0.226	0.00000293	0.000454	0.000961	0.00236	0.0000322
2092 May	0.0909	0.0000162	3.63	6.94	0.0816	0.00108	6.65	0.00534	0.0668	0.000503	0.0004	0.000214	0.23	0.00000295	0.000458	0.000991	0.00238	0.0000321
2092 Jun	0.0957	0.0000159	3.37	6.48	0.0845	0.00091	6.74	0.00478	0.068	0.000563	0.000396	0.000198	0.219	0.00000293	0.000393	0.00107	0.00249	0.0000256
2092 Jul	0.0943	0.0000162	3.42	6.53	0.0829	0.000933	6.64	0.00491	0.0683	0.000542	0.00041	0.000202	0.22	0.00000298	0.000407	0.00106	0.00255	0.0000276
2092 Aug	0.0946	0.0000166	3.57	6.83	0.084	0.000997	6.69	0.00523	0.0688	0.000538	0.000424	0.000211	0.228	0.00000304	0.000439	0.00107	0.00258	0.0000294
2092 Sep	0.0928	0.0000167	3.65	6.97	0.0832	0.00104	6.61	0.00542	0.068	0.000521	0.000428	0.000215	0.231	0.00000303	0.00046	0.00104	0.00255	0.0000309
2092 Oct	0.0916	0.0000167	3.71	7.09	0.0829	0.00108	6.56	0.00556	0.0673	0.00051	0.000432	0.000219	0.234	0.00000301	0.000476	0.00103	0.00252	0.0000324
2092 Nov	0.0913	0.0000167	3.72	7.13	0.0828	0.00109	6.54	0.00561	0.0672	0.000507	0.000434	0.00022	0.235	0.00000301	0.000481	0.00103	0.00252	0.0000326
2092 Dec	0.0912	0.0000167	3.73	7.13	0.0828	0.00109	6.54	0.00561	0.0672	0.000507	0.000434	0.00022	0.235	0.00000301	0.000482	0.00103	0.00252	0.0000327
2093 Jan	0.0912	0.0000167	3.73	7.14	0.0829	0.00109	6.54	0.00561	0.0672	0.000507	0.000434	0.00022	0.235	0.00000301	0.000482	0.00103	0.00252	0.0000327
2093 Feb	0.0913	0.0000167	3.73	7.14	0.0829	0.00109	6.55	0.00562	0.0672	0.000507	0.000434	0.000221	0.235	0.00000301	0.000482	0.00103	0.00252	0.0000329
2093 Mar	0.0914	0.0000167	3.74	7.15	0.0831	0.00109	6.56	0.00563	0.0673	0.000508	0.000435	0.000221	0.235	0.00000302	0.000483	0.00103	0.00252	0.0000331
2093 Apr	0.0917	0.0000168	3.75	7.18	0.0834	0.0011	6.58	0.00565	0.0675	0.000509	0.000436	0.000222	0.236	0.00000303	0.000485	0.00104	0.00253	0.0000333
2093 May	0.094	0.0000169	3.81	7.29	0.086	0.00111	6.73	0.0057	0.0684	0.000531	0.000441	0.000226	0.24	0.00000306	0.000488	0.00106	0.00256	0.0000338
2093 Jun	0.101	0.0000168	3.63	6.98	0.0914	0.000972	7.09	0.00517	0.0708	0.000609	0.000432	0.000216	0.235	0.00000308	0.000427	0.00115	0.00265	0.0000298
2093 Jul	0.102	0.0000172	3.73	7.16	0.0922	0.00101	7.15	0.00535	0.0719	0.000607	0.000446	0.000222	0.24	0.00000315	0.000444	0.00116	0.00271	0.000032
2093 Aug	0.103	0.0000176	3.88	7.43	0.0935	0.00107	7.21	0.00563	0.0725	0.000607	0.00046	0.000231	0.248	0.00000321	0.000472	0.00117	0.00274	0.0000344
2093 Sep	0.102	0.0000176	3.95	7.59	0.0935	0.00111	7.17	0.00581	0.0721	0.000598	0.000467	0.000236	0.252	0.00000321	0.000492	0.00116	0.00273	0.0000356
2093 Oct	0.0965	0.0000171	3.83	7.34	0.0881	0.0011	6.87	0.00567	0.0697	0.000552	0.000445	0.000228	0.243	0.00000309	0.000484	0.00109	0.00259	0.000035
2093 Nov	0.0949	0.0000169	3.8	7.26	0.0861	0.00111	6.79	0.00562	0.0692	0.000535	0.000436	0.000225	0.24	0.00000306	0.000482	0.00107	0.00255	0.0000348
2093 Dec	0.0948	0.0000169	3.8	7.26	0.086	0.00111	6.79	0.00562	0.0692	0.000534	0.000436	0.000225	0.24	0.00000306	0.000482	0.00107	0.00255	0.0000348
2094 Jan	0.0948	0.0000169	3.8	7.27	0.0861	0.00111	6.79	0.00563	0.0692	0.000534	0.000436	0.000225	0.24	0.00000306	0.000482	0.00107	0.00255	0.0000348
2094 Feb	0.0949	0.0000169	3.8	7.27	0.0861	0.00111	6.79	0.00563	0.0692	0.000534	0.000436	0.000225	0.24	0.00000306	0.000483	0.00107	0.00255	0.0000349
2094 Mar	0.0949	0.0000169	3.8	7.28	0.0862	0.00111	6.8	0.00563	0.0693	0.000534	0.000437	0.000225	0.24	0.00000307	0.000483	0.00107	0.00255	0.0000351
2094 Apr	0.0952	0.000017	3.81	7.29	0.0864	0.00111	6.82	0.00564	0.0694	0.000536	0.000438	0.000226	0.241	0.00000307	0.000484	0.00107	0.00255	0.0000353
2094 May	0.099	0.000017	3.86	7.42	0.0909	0.0011	7.05	0.00565	0.0704	0.000577	0.000442	0.00023	0.246	0.0000031	0.000481	0.00112	0.00258	0.0000353
2094 Jun	0.109	0.0000171	3.89	7.57	0.102	0.00105	7.64	0.00548	0.0729	0.000686	0.000442	0.000233	0.255	0.00000313	0.000455	0.00123	0.00263	0.0000336
2094 Jul	0.111	0.0000176	4.08	7.92	0.104	0.00112	7.77	0.00582	0.0742	0.000692	0.000463	0.000245	0.265	0.00000322	0.000488	0.00126	0.0027	0.0000371
2094 Aug	0.113	0.0000182	4.27	8.28	0.107	0.00119	7.95	0.00615	0.0759	0.000701	0.000483	0.000257	0.276	0.00000332	0.00052	0.00128	0.00277	0.0000401
2094 Sep	0.111	0.0000183	4.34	8.42	0.106	0.00122	7.88	0.00633	0.0753	0.000689	0.000488	0.000261	0.279	0.00000331	0.000539	0.00127	0.00275	0.0000412
2094 Oct	0.107	0.0000179	4.3	8.35	0.103	0.00124	7.65	0.00635	0.0733	0.000655	0.00048	0.000258	0.275	0.00000323	0.000545	0.00122	0.00267	0.0000414
2094 Nov	0.104	0.0000176	4.22	8.18	0.099	0.00124	7.42	0.00627	0.0716	0.000623	0.000468	0.000253	0.269	0.00000316	0.000541	0.00118	0.00258	0.0000404
2094 Dec	0.103	0.0000175	4.2	8.15	0.0985	0.00123	7.4	0.00624	0.0715	0.000619	0.000465	0.000251	0.268	0.00000315	0.00054	0.00117	0.00257	0.0000403
2095 Jan	0.103	0.0000175	4.21	8.16	0.0985	0.00123	7.4	0.00625	0.0714	0.000618	0.000465	0.000252	0.268	0.00000315	0.00054	0.00117	0.00257	0.0000404
2095 Feb	0.103	0.0000175	4.21	8.16	0.0986	0.00123	7.4	0.00625	0.0714	0.000619	0.000465	0.000252	0.268	0.00000315	0.00054	0.00117	0.00257	0.0000405
2095 Mar	0.103	0.0000175	4.21	8.17	0.0986	0.00124	7.41	0.00625	0.0715	0.000619	0.000466	0.000252	0.268	0.00000315	0.00054	0.00117	0.00257	0.0000406

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.104	0.0000176	4.23	8.19	0.099	0.00124	7.43	0.00627	0.0717	0.000621	0.000467	0.000253	0.269	0.00000316	0.000542	0.00117	0.00258	0.0000409
2095 May	0.107	0.0000177	4.25	8.25	0.102	0.00123	7.64	0.00622	0.0728	0.000654	0.000469	0.000256	0.272	0.00000319	0.000535	0.00121	0.00261	0.0000415
2095 Jun	0.112	0.0000176	4.22	8.2	0.108	0.00118	7.98	0.00599	0.0745	0.000712	0.000463	0.000254	0.274	0.00000322	0.000506	0.00127	0.00265	0.0000408
2095 Jul	0.114	0.0000181	4.37	8.5	0.11	0.00123	8.1	0.00627	0.0759	0.000718	0.000481	0.000264	0.282	0.0000033	0.000534	0.00129	0.00271	0.0000431
2095 Aug	0.112	0.0000182	4.44	8.62	0.109	0.00127	8.01	0.00644	0.075	0.000704	0.000487	0.000268	0.285	0.00000329	0.000552	0.00128	0.00269	0.0000444
2095 Sep	0.111	0.0000182	4.5	8.72	0.108	0.0013	7.95	0.00658	0.0743	0.00069	0.00049	0.000272	0.287	0.00000328	0.000567	0.00126	0.00267	0.0000463
2095 Oct	0.11	0.0000183	4.58	8.86	0.109	0.00134	7.94	0.00673	0.0741	0.000684	0.000497	0.000277	0.29	0.00000329	0.000583	0.00126	0.00267	0.0000486
2095 Nov	0.109	0.0000183	4.59	8.88	0.108	0.00136	7.9	0.00676	0.074	0.000673	0.000496	0.000278	0.291	0.00000329	0.000589	0.00125	0.00265	0.0000496
2095 Dec	0.109	0.0000183	4.58	8.85	0.107	0.00135	7.88	0.00674	0.0739	0.000669	0.000494	0.000277	0.29	0.00000329	0.000587	0.00124	0.00265	0.0000494
2096 Jan	0.109	0.0000183	4.58	8.85	0.107	0.00136	7.88	0.00675	0.0739	0.000668	0.000494	0.000278	0.29	0.00000329	0.000588	0.00124	0.00265	0.0000495
2096 Feb	0.109	0.0000183	4.58	8.86	0.107	0.00136	7.89	0.00675	0.0739	0.000668	0.000494	0.000278	0.29	0.00000329	0.000588	0.00124	0.00265	0.0000496
2096 Mar	0.109	0.0000183	4.59	8.86	0.107	0.00136	7.89	0.00675	0.0739	0.000669	0.000495	0.000278	0.29	0.00000329	0.000588	0.00124	0.00265	0.0000497
2096 Apr	0.109	0.0000183	4.6	8.89	0.108	0.00136	7.92	0.00677	0.0741	0.000671	0.000496	0.000279	0.291	0.0000033	0.000589	0.00125	0.00265	0.00005
2096 May	0.111	0.0000185	4.66	9.02	0.11	0.00138	7.99	0.00688	0.0745	0.000683	0.000503	0.000283	0.295	0.00000331	0.000599	0.00126	0.00267	0.0000504
2096 Jun	0.105	0.000018	4.1	7.84	0.0975	0.00115	7.39	0.00596	0.074	0.000621	0.000483	0.000246	0.26	0.00000328	0.000507	0.00122	0.0028	0.0000405
2096 Jul	0.105	0.0000185	4.13	7.83	0.0958	0.00116	7.36	0.00601	0.0757	0.000603	0.000496	0.000248	0.259	0.00000338	0.000511	0.00122	0.00291	0.000042
2096 Aug	0.106	0.0000189	4.26	8.06	0.0972	0.00121	7.48	0.00623	0.0767	0.000605	0.000508	0.000256	0.266	0.00000345	0.000532	0.00123	0.00295	0.0000444
2096 Sep	0.103	0.0000186	4.23	8.01	0.0945	0.00122	7.31	0.00625	0.0752	0.000578	0.0005	0.000254	0.263	0.00000339	0.000538	0.00119	0.00287	0.0000441
2096 Oct	0.0972	0.0000179	4.08	7.72	0.0884	0.00121	6.99	0.00606	0.0727	0.000529	0.000472	0.000244	0.253	0.00000326	0.000526	0.00111	0.00272	0.0000428
2096 Nov	0.0968	0.0000179	4.08	7.71	0.088	0.00122	6.97	0.00606	0.0725	0.000525	0.000471	0.000243	0.253	0.00000326	0.000527	0.0011	0.00271	0.0000429
2096 Dec	0.0968	0.0000179	4.08	7.71	0.088	0.00122	6.97	0.00606	0.0725	0.000524	0.000471	0.000244	0.253	0.00000325	0.000527	0.0011	0.00271	0.000043
2097 Jan	0.0968	0.0000179	4.09	7.72	0.088	0.00122	6.97	0.00607	0.0725	0.000524	0.000471	0.000244	0.253	0.00000326	0.000527	0.0011	0.00271	0.0000431
2097 Feb	0.0968	0.0000179	4.09	7.72	0.0881	0.00122	6.98	0.00607	0.0725	0.000524	0.000471	0.000244	0.253	0.00000326	0.000527	0.0011	0.00271	0.0000433
2097 Mar	0.0968	0.0000179	4.09	7.72	0.0881	0.00122	6.98	0.00607	0.0725	0.000524	0.000471	0.000244	0.253	0.00000326	0.000527	0.0011	0.00271	0.0000434
2097 Apr	0.0972	0.000018	4.11	7.75	0.0885	0.00123	7.01	0.00609	0.0728	0.000526	0.000473	0.000245	0.254	0.00000327	0.000529	0.0011	0.00272	0.0000437
2097 May	0.0993	0.0000182	4.15	7.84	0.0906	0.00123	7.15	0.00612	0.0737	0.000544	0.000477	0.000248	0.257	0.0000033	0.000531	0.00113	0.00275	0.0000444
2097 Jun	0.106	0.0000179	4	7.58	0.0955	0.00112	7.47	0.00567	0.0755	0.000613	0.000466	0.00024	0.253	0.00000331	0.000479	0.0012	0.0028	0.0000408
2097 Jul	0.107	0.0000184	4.13	7.81	0.0973	0.00116	7.59	0.00587	0.0769	0.000619	0.000481	0.000249	0.26	0.0000034	0.000498	0.00122	0.00287	0.0000438
2097 Aug	0.108	0.0000188	4.29	8.11	0.0994	0.00122	7.7	0.00616	0.0778	0.000624	0.000498	0.000259	0.269	0.00000346	0.000526	0.00124	0.00291	0.0000467
2097 Sep	0.109	0.000019	4.39	8.28	0.1	0.00126	7.75	0.00632	0.0781	0.000625	0.000507	0.000265	0.273	0.00000349	0.000543	0.00125	0.00293	0.0000491
2097 Oct	0.107	0.0000189	4.41	8.31	0.0998	0.00128	7.69	0.00636	0.0774	0.000615	0.000506	0.000267	0.274	0.00000347	0.000548	0.00123	0.00291	0.0000504
2097 Nov	0.106	0.0000188	4.38	8.25	0.0988	0.00127	7.63	0.00633	0.0769	0.000607	0.000502	0.000265	0.272	0.00000345	0.000546	0.00122	0.00288	0.0000503
2097 Dec	0.106	0.0000188	4.37	8.23	0.0983	0.00127	7.61	0.00631	0.0768	0.000603	0.0005	0.000264	0.271	0.00000344	0.000545	0.00121	0.00287	0.00005
2098 Jan	0.106	0.0000188	4.37	8.23	0.0983	0.00127	7.61	0.00631	0.0768	0.000603	0.0005	0.000264	0.271	0.00000344	0.000545	0.00121	0.00287	0.00005
2098 Feb	0.106	0.0000188	4.37	8.23	0.0984	0.00127	7.61	0.00631	0.0768	0.000603	0.0005	0.000264	0.271	0.00000344	0.000545	0.00121	0.00287	0.0000501
2098 Mar	0.106	0.0000188	4.37	8.23	0.0985	0.00127	7.62	0.00631	0.0768	0.000604	0.0005	0.000264	0.271	0.00000344	0.000545	0.00121	0.00287	0.0000503
2098 Apr	0.107	0.0000188	4.38	8.26	0.0988	0.00128	7.64	0.00632	0.077	0.000605	0.000501	0.000265	0.272	0.00000345	0.000546	0.00122	0.00287	0.0000505
2098 May	0.11	0.0000186	4.34	8.22	0.103	0.00123	7.87	0.00614	0.0775	0.000651	0.000494	0.000263	0.273	0.00000343	0.000524	0.00126	0.00287	0.0000485
2098 Jun	0.119	0.0000182	4.06	7.78	0.109	0.00105	8.28	0.00544	0.0795	0.000752	0.000472	0.000246	0.265	0.0000034	0.000443	0.00136	0.00292	0.0000405
2098 Jul	0.121	0.0000187	4.21	8.04	0.111	0.00109	8.41	0.00568	0.0812	0.000757	0.00049	0.000256	0.273	0.0000035	0.000467	0.00138	0.003	0.0000432
2098 Aug	0.118	0.0000187	4.24	8.08	0.109	0.00112	8.29	0.0058	0.0801	0.000734	0.00049	0.000257	0.273	0.00000348	0.00048	0.00135	0.00296	0.0000437
2098 Sep	0.111	0.0000181	4.1	7.83	0.102	0.00113	7.86	0.00571	0.0766	0.000672	0.000467	0.000248	0.263	0.00000334	0.000479	0.00125	0.0028	0.0000419
2098 Oct	0.106	0.0000176	4.03	7.68	0.0972	0.00114	7.55	0.00569	0.0741	0.000625	0.000451	0.000242	0.256	0.00000324	0.000482	0.00119	0.00268	0.0000415
2098 Nov	0.104	0.0000174	4.01	7.63	0.0956	0.00115	7.46	0.00567	0.0735	0.000609	0.000446	0.000241	0.254	0.00000321	0.000483	0.00116	0.00264	0.0000418
2098 Dec	0.104	0.0000174	4.01	7.63	0.0955	0.00115	7.46	0.00567	0.0735	0.000608	0.000446	0.00024	0.254	0.00000321	0.000483	0.00116	0.00264	0.0000418
2099 Jan	0.104	0.0000174	4.01	7.63	0.0955	0.00115	7.46	0.00567	0.0735	0.000608	0.000446	0.000241	0.254	0.00000321	0.000483	0.00116	0.00264	0.0000419
2099 Feb	0.104	0.0000174	4.01	7.64	0.0956	0.00115	7.46	0.00568	0.0735	0.000608	0.000446	0.000241	0.255	0.00000321	0.000483	0.00116	0.00264	0.000042
2099 Mar	0.104	0.0000175	4.02	7.65	0.0957	0.00115	7.47	0.00568	0.0735	0.000609	0.000446	0.000241	0.255	0.00000321	0.000484	0.00116	0.00264	0.0000422
2099 Apr	0.105	0.0000176	4.04	7.7	0.0965	0.00116	7.53	0.00571	0.074	0.000613	0.000449	0.000243	0.257	0.00000323	0.000486	0.00117	0.00265	0.0000425
2099 May	0.114	0.0000174	4.02	7.76	0.106	0.00109	8.06	0.00547	0.0758	0.000701	0.000442	0.000241	0.263	0.00000323	0.000454	0.00128	0.00267	0.0000395
2099 Jun	0.119	0.0000172	3.98	7.74	0.111	0.00103	8.33	0.00529	0.0767	0.000761	0.000438	0.000239	0.265	0.00000322	0.00043	0.00134	0.00269	0.0000374
2099 Jul	0.119	0.0000176	4.12	8	0.112	0.00109	8.36	0.00557	0.0772	0.000757	0.000454	0.000248	0.271	0.00000328	0.000458	0.00134	0.00273	0.0000399
2099 Aug	0.12	0.000018	4.24	8.21	0.113	0.00113	8.44	0.00579	0.0781	0.000756	0.000465	0.000255	0.278	0.00000334	0.00048	0.00135	0.00276	0.0000417
2099 Sep	0.116	0.0000178	4.22	8.18	0.11	0.00115	8.24	0.00584	0.0764	0.000726	0.000461	0.000254	0.275	0.00000328	0.000488	0.00131	0.0027	0.0000422
2099 Oct	0.113	0.0000176	4.2	8.13	0.108	0.00117	8.05	0.00586	0.0749	0.000698	0.000455	0.000253	0.272	0.00000323	0.000494	0.00127	0.00263	0.0000431
2099 Nov	0.111	0.0000174	4.18	8.06	0.106	0.00118	7.93	0.00583	0.0739	0.000678	0.000449	0.000252	0.27	0.0000032	0.000495	0.00124	0.00259	0.0000445
2099 Dec	0.111	0.0000174	4.19	8.06	0.105	0.00118	7.93	0.00583	0.0739	0.000676	0.000449	0.000253	0.269	0.0000032	0.000495	0.00124	0.00259	0.0000449
2100 Jan	0.111	0.0000174	4.19	8.07	0.105	0.00118	7.93	0.00583	0.0739	0.000676	0.000449	0.000253	0.27	0.0000032	0.000495	0.00124	0.00259	0.0000451
2100 Feb	0.111	0.0000174	4.19	8.07	0.105	0.00118	7.93	0.00584	0.0739	0.000676	0.000449	0.000253	0.27	0.0000032	0.000495	0.00124	0.00259	0.0000453
2100 Mar	0.111	0.0000174	4.2	8.07	0.106	0.00118	7.94	0.00584	0.0739	0.000676	0.000449	0.000253	0.27	0.0000032	0.000496	0.00124	0.00259	0.0000454
2100 Apr	0.111	0.0000174	4.21	8.1	0.106	0.00119	7.97	0.00586	0.0742	0.000679	0.000451	0.000254	0.271	0.00000321	0.000497	0.00124	0.0026	0.0000457
2100 May	0.114	0.0000175	4.26	8.23	0.109	0.00119	8.13	0.00591	0.0749	0.000709	0.000456	0.000257	0.275	0.00000323	0.000499	0.00128	0.00262	0.0000452
2100 Jun	0.116	0.0000172	3.95	7.66	0.109	0.00103	8.14	0.0053	0.0757	0.000744	0.000441	0.000238	0.261	0.0000032	0.000433	0.00131	0.00269	0.0000378
2100 Jul	0.115	0.0000175	4.01	7.75	0.108	0.00105	8.05	0.00546	0.076	0.000725	0.000453	0.000242	0.263	0.00000325	0.000449	0.00131	0.00274	0.0000388
2100 Aug	0.112	0.0000174	4.02	7.75	0.105	0.00108	7.88	0.00555	0.0745	0.000698	0.000451	0.000242	0.261	0.00000321	0.000461	0.00127	0.00269	0.0000393
2100 Sep	0.11	0.0000174	4.06	7.82	0.104	0.00111	7.79	0.00566	0.0736	0.00068	0.000452	0.000245	0.262	0.0000032	0.000474	0.00124	0.00266	0.0000412
2100 Oct	0.11	0.0000174	4.13	7.93	0.104	0.00114	7.78	0.00577	0.0734	0.000676	0.000457	0.00025	0.265	0.00000321	0.000486	0.00124	0.00266	0.0000433
2100 Nov	0.11	0.0000175	4.14	7.94	0.104	0.00114	7.79	0.00579	0.0734	0.000675	0.000458	0.00025	0.265	0.00000321	0.000488	0.00124	0.00266	0.0000436
2100 Dec	0.11	0.0000175	4.14	7.95	0.104	0.00115	7.79	0.00579	0.0734	0.000675	0.000458	0.000251	0.266	0.00000321	0.000489	0.00124	0.00266	0.0000438
2101 Jan	0.11	0.0000175	4.15	7.96	0.104	0.00115	7.79	0.00581	0.0734	0.000675	0.000459	0.000251	0.266	0.00000322	0.00049	0.00124	0.00266	0.000044
2101 Feb	0.11	0.0000175	4.15	7.97	0.104	0.00115	7.79	0.00581	0.0734	0.000675	0.000459	0.000251	0.266	0.00000322	0.000491	0.00124	0.00266	0.0000441
2101 Mar	0.11	0.0000175	4.15	7.97	0.104	0.00115	7.79	0.00581	0.0734	0.000675	0.000459	0.000252	0.266	0.00000322	0.000491	0.00124	0.00266	0.0000442
2101 Apr	0.11	0.0000175	4.16	7.99	0.105	0.00115	7.81	0.00583	0.0736	0.000676	0.000461	0.000252	0.267	0.00000322	0.000492	0.00124	0.00266	0.0000445
2101 May	0.113	0.0000174	4.14	7.97	0.108	0.00112	7.97	0.00571	0.0741	0.00071	0.000457	0.000251	0.268	0.00000322	0.000478	0.00128	0.00267	0.0000433
2101 Jun	0.116	0.0000172	3.95	7.64	0.109	0.00102	8.06	0.00531	0.0749	0.000744	0.000447	0.00024	0.26	0.0000032	0.000434	0.00131	0.00271	0.0000387
2101 Jul	0.117	0.0000176	4.08	7.84	0.11	0.00106	8.16	0.0055	0.0762	0.000746	0.000461	0.000248	0.266	0.00000329	0.000451	0.00133	0.00278	0.0000419
2101 Aug	0.119	0.0000181	4.25	8.16	0.113	0.00112	8.33	0.00578	0.0777	0.000757	0.000479	0.000259	0.275	0.00000337	0.000478	0.00135	0.00284	0.0000448

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.116	0.000018	4.26	8.17	0.111	0.00115	8.19	0.00585	0.0766	0.000733	0.000476	0.00026	0.275	0.00000334	0.000488	0.00132	0.00279	0.0000459
2101 Oct	0.115	0.000018	4.3	8.25	0.11	0.00117	8.14	0.00596	0.0761	0.000723	0.00048	0.000263	0.276	0.00000333	0.000501	0.00131	0.00278	0.0000474
2101 Nov	0.113	0.0000179	4.27	8.19	0.108	0.00118	8.03	0.00594	0.0753	0.000705	0.000474	0.00026	0.274	0.0000033	0.000501	0.00129	0.00274	0.0000471
2101 Dec	0.113	0.0000179	4.26	8.17	0.108	0.00118	8.01	0.00593	0.0753	0.000702	0.000472	0.000259	0.273	0.0000033	0.0005	0.00128	0.00273	0.0000469
2102 Jan	0.113	0.0000179	4.26	8.17	0.108	0.00118	8.01	0.00593	0.0752	0.000701	0.000472	0.000259	0.273	0.00000329	0.0005	0.00128	0.00273	0.0000469
2102 Feb	0.113	0.0000179	4.27	8.17	0.108	0.00118	8.01	0.00593	0.0752	0.000701	0.000472	0.00026	0.273	0.00000329	0.0005	0.00128	0.00273	0.000047
2102 Mar	0.113	0.0000179	4.27	8.17	0.108	0.00118	8.02	0.00593	0.0753	0.000702	0.000472	0.00026	0.273	0.0000033	0.000501	0.00128	0.00273	0.0000471
2102 Apr	0.113	0.0000179	4.28	8.19	0.108	0.00118	8.03	0.00594	0.0754	0.000703	0.000473	0.00026	0.274	0.0000033	0.000501	0.00129	0.00273	0.0000473
2102 May	0.114	0.000018	4.32	8.26	0.109	0.00119	8.1	0.00599	0.076	0.000708	0.000477	0.000263	0.276	0.00000333	0.000506	0.0013	0.00275	0.0000481
2102 Jun	0.103	0.0000174	3.77	7.07	0.092	0.00101	7.21	0.0052	0.0737	0.000594	0.000453	0.000227	0.238	0.00000325	0.000432	0.00118	0.00281	0.0000397
2102 Jul	0.0989	0.0000175	3.55	6.54	0.084	0.000936	6.86	0.00488	0.0742	0.000538	0.000451	0.000213	0.221	0.0000033	0.000401	0.00114	0.00291	0.0000373
2102 Aug	0.0985	0.0000177	3.65	6.71	0.0842	0.00098	6.87	0.00506	0.0742	0.00053	0.000457	0.000219	0.226	0.00000332	0.00042	0.00113	0.00291	0.0000394
2102 Sep	0.0969	0.0000176	3.65	6.71	0.083	0.000997	6.82	0.00509	0.0735	0.000516	0.000453	0.000219	0.225	0.00000331	0.000424	0.00111	0.00287	0.0000404
2102 Oct	0.0928	0.000017	3.53	6.46	0.0786	0.000984	6.59	0.0049	0.0714	0.000483	0.00043	0.000211	0.217	0.0000032	0.000411	0.00104	0.00274	0.0000395
2102 Nov	0.0922	0.000017	3.51	6.43	0.0779	0.000984	6.56	0.00488	0.0712	0.000477	0.000426	0.00021	0.216	0.00000318	0.00041	0.00104	0.00272	0.0000392
2102 Dec	0.0922	0.000017	3.52	6.44	0.0779	0.000986	6.56	0.00489	0.0712	0.000477	0.000427	0.00021	0.216	0.00000318	0.000411	0.00104	0.00272	0.0000392
2103 Jan	0.0922	0.000017	3.52	6.44	0.078	0.000986	6.56	0.00489	0.0712	0.000477	0.000427	0.00021	0.216	0.00000318	0.000411	0.00104	0.00272	0.0000393
2103 Feb	0.0922	0.000017	3.52	6.44	0.078	0.000987	6.57	0.00489	0.0712	0.000477	0.000427	0.00021	0.216	0.00000319	0.000411	0.00104	0.00272	0.0000394
2103 Mar	0.0923	0.000017	3.52	6.45	0.0781	0.000988	6.57	0.00489	0.0712	0.000477	0.000427	0.00021	0.216	0.00000319	0.000411	0.00104	0.00272	0.0000396
2103 Apr	0.0925	0.000017	3.53	6.46	0.0783	0.000991	6.59	0.00491	0.0714	0.000479	0.000428	0.000211	0.217	0.00000319	0.000412	0.00104	0.00273	0.0000398
2103 May	0.0954	0.0000171	3.59	6.63	0.0821	0.000995	6.76	0.00499	0.0719	0.000512	0.000433	0.000215	0.223	0.0000032	0.000418	0.00108	0.00274	0.0000389
2103 Jun	0.101	0.0000169	3.49	6.55	0.0882	0.000905	7.04	0.00474	0.0728	0.000587	0.000429	0.000209	0.223	0.00000317	0.000385	0.00116	0.00277	0.0000335
2103 Jul	0.0999	0.000017	3.54	6.62	0.0869	0.000932	6.94	0.00487	0.0725	0.00057	0.000436	0.000212	0.224	0.00000319	0.000399	0.00114	0.00278	0.0000354
2103 Aug	0.0952	0.0000167	3.5	6.53	0.0822	0.000946	6.66	0.0049	0.07	0.000528	0.000422	0.000209	0.22	0.00000312	0.000407	0.00106	0.00266	0.0000355
2103 Sep	0.0908	0.0000163	3.42	6.37	0.0777	0.000957	6.43	0.00483	0.0681	0.000488	0.000404	0.000204	0.214	0.00000303	0.000406	0.000997	0.00254	0.0000347
2103 Oct	0.0863	0.0000157	3.29	6.11	0.0726	0.000948	6.2	0.00464	0.0662	0.000448	0.000379	0.000194	0.205	0.00000293	0.000392	0.000931	0.00241	0.0000337
2103 Nov	0.0858	0.0000157	3.28	6.08	0.0717	0.000953	6.18	0.00463	0.0663	0.00044	0.000375	0.000193	0.204	0.00000292	0.000392	0.00092	0.00239	0.0000335
2103 Dec	0.0857	0.0000157	3.28	6.09	0.0717	0.000955	6.18	0.00463	0.0663	0.000439	0.000375	0.000193	0.204	0.00000292	0.000393	0.000919	0.00239	0.0000335
2104 Jan	0.0857	0.0000157	3.28	6.09	0.0717	0.000955	6.18	0.00463	0.0663	0.000439	0.000375	0.000193	0.204	0.00000292	0.000393	0.000919	0.00239	0.0000336
2104 Feb	0.0858	0.0000157	3.28	6.09	0.0718	0.000956	6.19	0.00463	0.0663	0.000439	0.000375	0.000194	0.204	0.00000292	0.000393	0.000919	0.00239	0.0000337
2104 Mar	0.0858	0.0000157	3.29	6.09	0.0718	0.000957	6.19	0.00463	0.0663	0.00044	0.000375	0.000194	0.204	0.00000292	0.000393	0.00092	0.00239	0.0000339
2104 Apr	0.0861	0.0000158	3.3	6.12	0.0721	0.000961	6.22	0.00465	0.0665	0.000441	0.000377	0.000195	0.205	0.00000293	0.000394	0.000923	0.0024	0.0000342
2104 May	0.0913	0.0000159	3.35	6.27	0.078	0.000947	6.53	0.00464	0.0679	0.000497	0.000381	0.000199	0.212	0.00000296	0.000389	0.000986	0.00243	0.0000339
2104 Jun	0.101	0.000016	3.36	6.37	0.088	0.000878	7.08	0.00446	0.0707	0.000602	0.000387	0.000201	0.219	0.00000301	0.000361	0.00111	0.00253	0.0000313
2104 Jul	0.101	0.0000163	3.47	6.55	0.0884	0.00092	7.09	0.00465	0.071	0.000596	0.000399	0.000208	0.223	0.00000306	0.00038	0.00111	0.00257	0.0000347
2104 Aug	0.1	0.0000165	3.56	6.72	0.0883	0.000965	7.07	0.00485	0.0708	0.000585	0.000407	0.000214	0.228	0.00000308	0.000402	0.0011	0.00256	0.0000364
2104 Sep	0.097	0.0000162	3.55	6.67	0.0859	0.000981	6.91	0.00487	0.0693	0.00056	0.0004	0.000213	0.225	0.00000303	0.000406	0.00106	0.0025	0.0000371
2104 Oct	0.0937	0.0000159	3.48	6.52	0.0822	0.000984	6.74	0.00478	0.068	0.000528	0.000386	0.000208	0.22	0.00000297	0.000402	0.00101	0.00242	0.000037
2104 Nov	0.0929	0.0000158	3.46	6.48	0.0813	0.000984	6.7	0.00475	0.0678	0.00052	0.000382	0.000207	0.218	0.00000295	0.000401	0.001	0.0024	0.0000368
2104 Dec	0.0929	0.0000158	3.46	6.48	0.0813	0.000986	6.7	0.00476	0.0678	0.00052	0.000382	0.000207	0.218	0.00000295	0.000401	0.001	0.0024	0.0000368
2105 Jan	0.0929	0.0000158	3.46	6.49	0.0813	0.000987	6.7	0.00477	0.0678	0.00052	0.000382	0.000207	0.218	0.00000295	0.000402	0.001	0.0024	0.0000369
2105 Feb	0.0929	0.0000158	3.46	6.49	0.0813	0.000987	6.7	0.00477	0.0678	0.00052	0.000382	0.000207	0.219	0.00000296	0.000402	0.001	0.0024	0.000037
2105 Mar	0.0929	0.0000158	3.46	6.49	0.0814	0.000988	6.7	0.00477	0.0678	0.00052	0.000382	0.000207	0.219	0.00000296	0.000402	0.001	0.0024	0.0000371
2105 Apr	0.0931	0.0000159	3.47	6.51	0.0816	0.000991	6.72	0.00478	0.0679	0.000521	0.000383	0.000208	0.219	0.00000296	0.000403	0.001	0.0024	0.0000374
2105 May	0.0968	0.000016	3.54	6.66	0.0859	0.000991	6.95	0.00482	0.069	0.00056	0.000389	0.000212	0.225	0.00000299	0.000404	0.00105	0.00244	0.0000375
2105 Jun	0.104	0.0000161	3.57	6.8	0.0934	0.000958	7.35	0.00475	0.0709	0.000634	0.000394	0.000215	0.232	0.00000302	0.00039	0.00114	0.00249	0.0000362
2105 Jul	0.104	0.0000164	3.7	7.04	0.0942	0.00101	7.36	0.00501	0.0711	0.00063	0.000408	0.000224	0.238	0.00000306	0.000416	0.00114	0.00251	0.0000388
2105 Aug	0.1	0.0000164	3.77	7.19	0.0924	0.00106	7.17	0.00526	0.0692	0.000602	0.000413	0.000228	0.241	0.00000303	0.000444	0.0011	0.00246	0.0000395
2105 Sep	0.0945	0.0000159	3.68	6.99	0.0866	0.00107	6.85	0.00519	0.0668	0.00055	0.000395	0.000221	0.233	0.00000293	0.000443	0.00103	0.00234	0.0000388
2105 Oct	0.0915	0.0000157	3.65	6.93	0.084	0.00108	6.68	0.00519	0.0654	0.000524	0.000388	0.000219	0.23	0.00000288	0.000446	0.000993	0.00228	0.0000396
2105 Nov	0.0903	0.0000155	3.62	6.86	0.0826	0.00108	6.61	0.00514	0.0648	0.000513	0.000383	0.000217	0.228	0.00000285	0.000444	0.000977	0.00225	0.0000392
2105 Dec	0.0902	0.0000155	3.62	6.86	0.0825	0.00108	6.61	0.00514	0.0648	0.000513	0.000383	0.000217	0.228	0.00000285	0.000444	0.000976	0.00225	0.0000392
2106 Jan	0.0902	0.0000155	3.62	6.86	0.0826	0.00108	6.61	0.00514	0.0648	0.000512	0.000383	0.000217	0.228	0.00000285	0.000444	0.000976	0.00225	0.0000394
2106 Feb	0.0902	0.0000155	3.62	6.86	0.0826	0.00108	6.61	0.00514	0.0648	0.000513	0.000383	0.000217	0.228	0.00000285	0.000444	0.000976	0.00225	0.0000395
2106 Mar	0.0903	0.0000155	3.62	6.86	0.0827	0.00108	6.62	0.00514	0.0648	0.000513	0.000383	0.000217	0.228	0.00000285	0.000444	0.000976	0.00225	0.0000397
2106 Apr	0.0905	0.0000156	3.63	6.88	0.0829	0.00108	6.64	0.00516	0.065	0.000514	0.000384	0.000218	0.228	0.00000286	0.000445	0.000979	0.00225	0.00004
2106 May	0.0923	0.0000157	3.68	6.99	0.0849	0.00109	6.75	0.00522	0.0658	0.00053	0.000389	0.000221	0.232	0.00000289	0.000449	0.001	0.00228	0.0000406
2106 Jun	0.0933	0.0000154	3.4	6.44	0.0834	0.000946	6.65	0.00469	0.0662	0.000545	0.000382	0.000204	0.217	0.00000287	0.000392	0.00103	0.00237	0.0000344
2106 Jul	0.0921	0.0000158	3.46	6.5	0.0818	0.000969	6.56	0.00482	0.0666	0.000525	0.000396	0.000208	0.218	0.00000293	0.000406	0.00102	0.00244	0.0000365
2106 Aug	0.088	0.0000156	3.47	6.52	0.0784	0.001	6.32	0.00497	0.0645	0.000488	0.000392	0.000208	0.217	0.00000288	0.000423	0.000963	0.00236	0.0000368
2106 Sep	0.0831	0.0000153	3.41	6.39	0.0738	0.00101	6.08	0.00493	0.0622	0.000446	0.000376	0.000204	0.211	0.0000028	0.000425	0.000896	0.00225	0.0000361
2106 Oct	0.082	0.0000152	3.42	6.41	0.073	0.00103	6.02	0.00499	0.0618	0.000435	0.000375	0.000204	0.212	0.00000279	0.000431	0.000883	0.00222	0.000036
2106 Nov	0.082	0.0000153	3.42	6.42	0.073	0.00103	6.03	0.005	0.0618	0.000435	0.000375	0.000204	0.212	0.00000279	0.000432	0.000883	0.00222	0.0000361
2106 Dec	0.082	0.0000153	3.43	6.43	0.073	0.00103	6.03	0.005	0.0618	0.000435	0.000376	0.000204	0.212	0.00000279	0.000433	0.000883	0.00222	0.0000362
2107 Jan	0.082	0.0000153	3.43	6.43	0.0731	0.00103	6.03	0.005	0.0618	0.000435	0.000376	0.000204	0.212	0.00000279	0.000433	0.000884	0.00222	0.0000363
2107 Feb	0.0821	0.0000153	3.43	6.43	0.0731	0.00103	6.03	0.00501	0.0618	0.000435	0.000376	0.000205	0.212	0.00000279	0.000433	0.000884	0.00222	0.0000365
2107 Mar	0.0821	0.0000153	3.43	6.44	0.0732	0.00104	6.04	0.00501	0.0619	0.000435	0.000376	0.000205	0.212	0.00000279	0.000434	0.000884	0.00223	0.0000367
2107 Apr	0.0822	0.0000153	3.44	6.45	0.0733	0.00104	6.05	0.00501	0.0619	0.000436	0.000377	0.000205	0.213	0.0000028	0.000434	0.000886	0.00223	0.0000369
2107 May	0.086	0.0000154	3.45	6.5	0.0771	0.00102	6.27	0.00496	0.0631	0.000475	0.000377	0.000206	0.216	0.00000282	0.000425	0.000929	0.00226	0.000036
2107 Jun	0.0981	0.0000154	3.44	6.6	0.0894	0.00093	6.97	0.00468	0.0665	0.000605	0.000377	0.000207	0.224	0.00000286	0.000386	0.00107	0.00234	0.0000329
2107 Jul	0.0971	0.0000155	3.53	6.75	0.0892	0.00097	6.92	0.00486	0.0661	0.000594	0.000386	0.000214	0.228	0.00000288	0.000405	0.00106	0.00235	0.000036
2107 Aug	0.0976	0.0000159	3.7	7.04	0.0908	0.00103	6.99	0.00516	0.0667	0.000594	0.000402	0.000224	0.236	0.00000294	0.000435	0.00107	0.00238	0.0000393
2107 Sep	0.0971	0.000016	3.77	7.18	0.0909	0.00107	6.98	0.00531	0.0666	0.000586	0.000408	0.000229	0.239	0.00000295	0.000451	0.00107	0.00238	0.0000412
2107 Oct	0.0958	0.000016	3.78	7.19	0.0898	0.00108	6.91	0.00535	0.0661	0.000574	0.000407	0.000229	0.239	0.00000293	0.000457	0.00105	0.00235	0.0000416
2107 Nov	0.0952	0.0000159	3.76	7.16	0.0892	0.00108	6.88	0.00533	0.0659	0.000569	0.000405	0.000228	0.238	0.00000293	0.000456	0.00105	0.00234	0.0000412
2107 Dec	0.0952	0.0000159	3.77	7.17	0.0892	0.00109	6.88	0.00535	0.0659	0.000568	0.000405	0.000228	0.238	0.00000293	0.000458	0.00104	0.00234	0.0000413
2108 Jan	0.0952	0.0000159	3.77	7.18	0.0892	0.00109	6.88	0.00535	0.0659	0.000568	0.000406	0.000228	0.238	0.00000293	0.000458	0.00105	0.00234	0.0000414

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0952	0.0000159	3.77	7.18	0.0893	0.00109	6.88	0.00535	0.0659	0.000568	0.000406	0.000229	0.238	0.00000293	0.000458	0.00105	0.00234	0.0000415
2108 Mar	0.0953	0.000016	3.78	7.19	0.0893	0.00109	6.89	0.00536	0.0659	0.000568	0.000406	0.000229	0.239	0.00000293	0.000458	0.00105	0.00234	0.0000417
2108 Apr	0.0958	0.000016	3.8	7.23	0.0898	0.0011	6.93	0.00538	0.0663	0.000571	0.000408	0.00023	0.24	0.00000294	0.000461	0.00105	0.00235	0.0000421
2108 May	0.0971	0.0000162	3.86	7.33	0.0912	0.00111	7.03	0.00545	0.0671	0.00058	0.000413	0.000234	0.243	0.00000298	0.000467	0.00107	0.00238	0.0000435
2108 Jun	0.094	0.0000161	3.55	6.66	0.084	0.000991	6.71	0.00494	0.0676	0.000539	0.000406	0.000215	0.223	0.000003	0.000415	0.00104	0.00249	0.0000388
2108 Jul	0.0942	0.0000165	3.64	6.75	0.0838	0.00102	6.72	0.00506	0.0687	0.000529	0.00042	0.00022	0.226	0.00000308	0.000427	0.00105	0.00257	0.000042
2108 Aug	0.0963	0.0000171	3.85	7.15	0.0869	0.0011	6.9	0.00542	0.0703	0.000539	0.000442	0.000234	0.237	0.00000318	0.000463	0.00108	0.00264	0.0000458
2108 Sep	0.0962	0.0000172	3.92	7.28	0.0874	0.00113	6.91	0.00555	0.0703	0.000536	0.000448	0.000238	0.241	0.00000319	0.000476	0.00108	0.00264	0.0000475
2108 Oct	0.092	0.0000167	3.76	6.98	0.0822	0.00111	6.68	0.00534	0.0686	0.000498	0.000423	0.000228	0.231	0.00000309	0.00046	0.00101	0.00253	0.0000453
2108 Nov	0.0912	0.0000166	3.73	6.92	0.0811	0.0011	6.64	0.00529	0.0684	0.00049	0.000418	0.000225	0.229	0.00000308	0.000456	0.001	0.0025	0.0000449
2108 Dec	0.0912	0.0000166	3.74	6.93	0.0811	0.00111	6.64	0.0053	0.0684	0.000489	0.000418	0.000225	0.229	0.00000308	0.000457	0.001	0.0025	0.0000449
2109 Jan	0.0912	0.0000166	3.74	6.93	0.0811	0.00111	6.64	0.0053	0.0684	0.000489	0.000418	0.000226	0.229	0.00000308	0.000457	0.001	0.0025	0.0000451
2109 Feb	0.0912	0.0000166	3.74	6.93	0.0812	0.00111	6.64	0.0053	0.0684	0.000489	0.000418	0.000226	0.229	0.00000308	0.000457	0.001	0.0025	0.0000452
2109 Mar	0.0913	0.0000166	3.75	6.94	0.0813	0.00111	6.65	0.0053	0.0685	0.00049	0.000418	0.000226	0.23	0.00000308	0.000457	0.001	0.0025	0.0000454
2109 Apr	0.0916	0.0000167	3.76	6.96	0.0816	0.00111	6.67	0.00532	0.0687	0.000491	0.00042	0.000227	0.23	0.00000309	0.000459	0.00101	0.00251	0.0000458
2109 May	0.0966	0.0000168	3.78	7.05	0.0868	0.00109	6.98	0.00525	0.0702	0.000544	0.000421	0.000229	0.235	0.00000312	0.000448	0.00106	0.00255	0.0000447
2109 Jun	0.106	0.0000168	3.79	7.16	0.0967	0.00102	7.54	0.00506	0.0728	0.000647	0.000421	0.000231	0.243	0.00000315	0.000419	0.00118	0.00261	0.0000422
2109 Jul	0.104	0.0000169	3.86	7.28	0.0954	0.00106	7.42	0.00526	0.0719	0.000628	0.000428	0.000235	0.245	0.00000315	0.000441	0.00115	0.00259	0.0000439
2109 Aug	0.102	0.000017	3.9	7.35	0.0933	0.0011	7.29	0.00541	0.0711	0.000603	0.000429	0.000238	0.246	0.00000315	0.000458	0.00111	0.00255	0.0000451
2109 Sep	0.0991	0.0000169	3.91	7.39	0.091	0.00113	7.13	0.00552	0.0699	0.000577	0.000426	0.000237	0.245	0.00000311	0.000472	0.00108	0.0025	0.0000446
2109 Oct	0.0928	0.0000162	3.73	7.02	0.0838	0.00111	6.77	0.00528	0.0674	0.000519	0.000397	0.000224	0.233	0.00000298	0.000455	0.000995	0.00235	0.0000424
2109 Nov	0.0924	0.0000161	3.72	7.01	0.0834	0.00111	6.76	0.00528	0.0673	0.000515	0.000396	0.000224	0.232	0.00000297	0.000456	0.000989	0.00234	0.0000424
2109 Dec	0.0924	0.0000161	3.73	7.02	0.0834	0.00111	6.76	0.00529	0.0673	0.000515	0.000397	0.000224	0.233	0.00000297	0.000457	0.000989	0.00234	0.0000425
2110 Jan	0.0924	0.0000162	3.73	7.02	0.0834	0.00111	6.76	0.00529	0.0673	0.000515	0.000397	0.000224	0.233	0.00000298	0.000458	0.00099	0.00234	0.0000426
2110 Feb	0.0925	0.0000162	3.73	7.02	0.0835	0.00111	6.76	0.00529	0.0673	0.000515	0.000397	0.000224	0.233	0.00000298	0.000458	0.00099	0.00234	0.0000428
2110 Mar	0.0925	0.0000162	3.74	7.03	0.0836	0.00112	6.77	0.00529	0.0673	0.000515	0.000397	0.000225	0.233	0.00000298	0.000458	0.000991	0.00234	0.000043
2110 Apr	0.0927	0.0000162	3.75	7.05	0.0838	0.00112	6.78	0.00531	0.0675	0.000516	0.000398	0.000225	0.233	0.00000299	0.000459	0.000993	0.00235	0.0000433
2110 May	0.0943	0.0000163	3.79	7.15	0.0856	0.00113	6.88	0.00536	0.068	0.000531	0.000403	0.000228	0.237	0.00000301	0.000463	0.00101	0.00237	0.0000435
2110 Jun	0.103	0.0000161	3.64	6.99	0.0941	0.000988	7.27	0.00498	0.0698	0.000635	0.000402	0.00022	0.237	0.00000299	0.000413	0.00113	0.00246	0.000036
2110 Jul	0.103	0.0000164	3.77	7.2	0.0944	0.00104	7.26	0.00522	0.0701	0.000626	0.000417	0.000228	0.242	0.00000304	0.000438	0.00114	0.0025	0.0000392
2110 Aug	0.0906	0.0000154	3.47	6.59	0.0812	0.000991	6.51	0.00492	0.0641	0.000522	0.000374	0.000208	0.22	0.00000284	0.000417	0.000958	0.00225	0.0000353
2110 Sep	0.083	0.0000147	3.27	6.18	0.0728	0.000975	6.09	0.00468	0.0611	0.000453	0.000342	0.000194	0.206	0.0000027	0.000401	0.000855	0.00208	0.0000326
2110 Oct	0.0779	0.0000141	3.1	5.85	0.0663	0.000961	5.81	0.00445	0.0594	0.000402	0.000316	0.000182	0.195	0.00000259	0.000385	0.000782	0.00196	0.0000305
2110 Nov	0.0771	0.0000141	3.09	5.82	0.0655	0.000962	5.76	0.00444	0.0592	0.000394	0.000313	0.00018	0.194	0.00000258	0.000385	0.000772	0.00194	0.0000301
2110 Dec	0.077	0.0000141	3.09	5.83	0.0654	0.000964	5.76	0.00445	0.0592	0.000394	0.000313	0.000181	0.194	0.00000258	0.000386	0.000771	0.00194	0.0000301
2111 Jan	0.077	0.0000141	3.09	5.83	0.0655	0.000965	5.76	0.00445	0.0592	0.000394	0.000313	0.000181	0.194	0.00000258	0.000386	0.000771	0.00194	0.0000302
2111 Feb	0.0771	0.0000141	3.09	5.83	0.0655	0.000965	5.76	0.00445	0.0592	0.000394	0.000313	0.000181	0.194	0.00000258	0.000386	0.000772	0.00194	0.0000304
2111 Mar	0.0772	0.0000141	3.1	5.84	0.0657	0.000967	5.77	0.00446	0.0592	0.000394	0.000314	0.000181	0.194	0.00000258	0.000387	0.000773	0.00194	0.0000306
2111 Apr	0.0775	0.0000141	3.11	5.87	0.0659	0.000971	5.8	0.00448	0.0594	0.000396	0.000315	0.000182	0.195	0.00000259	0.000388	0.000776	0.00195	0.0000309
2111 May	0.0802	0.0000142	3.15	5.96	0.069	0.000969	5.97	0.00448	0.0604	0.000424	0.000319	0.000186	0.199	0.00000262	0.000387	0.00081	0.00198	0.0000315
2111 Jun	0.0906	0.0000143	3.13	5.99	0.0796	0.000873	6.52	0.00422	0.0632	0.000538	0.000327	0.000186	0.205	0.00000267	0.000349	0.000949	0.00211	0.0000285
2111 Jul	0.0919	0.0000148	3.31	6.31	0.0818	0.000936	6.63	0.00452	0.0644	0.000542	0.000347	0.000198	0.213	0.00000276	0.000378	0.000969	0.00217	0.0000327
2111 Aug	0.0868	0.0000147	3.3	6.28	0.0773	0.000966	6.35	0.00464	0.0619	0.000496	0.000342	0.000197	0.211	0.0000027	0.000394	0.000902	0.00209	0.0000328
2111 Sep	0.083	0.0000145	3.28	6.22	0.0739	0.000988	6.17	0.00466	0.0604	0.00046	0.000334	0.000196	0.208	0.00000267	0.0004	0.000852	0.00203	0.0000332
2111 Oct	0.0805	0.0000143	3.23	6.12	0.0711	0.000992	6.03	0.00462	0.0596	0.000436	0.000325	0.000192	0.204	0.00000262	0.000399	0.000819	0.00197	0.0000327
2111 Nov	0.0789	0.0000142	3.18	6.02	0.0689	0.00099	5.94	0.00456	0.0592	0.000418	0.000317	0.000188	0.2	0.00000259	0.000395	0.000795	0.00194	0.0000316
2111 Dec	0.0788	0.0000142	3.18	6.02	0.0688	0.000992	5.93	0.00457	0.0592	0.000417	0.000317	0.000188	0.2	0.00000259	0.000396	0.000794	0.00194	0.0000316
2112 Jan	0.0788	0.0000142	3.19	6.03	0.0689	0.000993	5.94	0.00457	0.0592	0.000417	0.000318	0.000188	0.201	0.00000259	0.000397	0.000795	0.00194	0.0000317
2112 Feb	0.0788	0.0000142	3.19	6.03	0.0689	0.000994	5.94	0.00458	0.0592	0.000417	0.000318	0.000188	0.201	0.00000259	0.000397	0.000795	0.00194	0.0000318
2112 Mar	0.079	0.0000142	3.2	6.04	0.0691	0.000996	5.95	0.00458	0.0593	0.000418	0.000318	0.000188	0.201	0.0000026	0.000398	0.000796	0.00194	0.0000319
2112 Apr	0.0792	0.0000142	3.21	6.07	0.0693	0.001	5.97	0.0046	0.0595	0.000419	0.000319	0.000189	0.202	0.00000261	0.000399	0.000799	0.00195	0.0000322
2112 May	0.0828	0.0000144	3.26	6.21	0.0735	0.000995	6.18	0.00464	0.0605	0.000457	0.000326	0.000193	0.207	0.00000263	0.0004	0.000847	0.00198	0.0000317
2112 Jun	0.0927	0.0000146	3.19	6.15	0.0826	0.000874	6.62	0.00436	0.0638	0.000561	0.000342	0.000189	0.21	0.0000027	0.000359	0.000991	0.00218	0.0000263
2112 Jul	0.0915	0.0000149	3.29	6.3	0.082	0.000916	6.54	0.00457	0.0639	0.000544	0.000359	0.000196	0.213	0.00000275	0.000381	0.000987	0.00223	0.00003
2112 Aug	0.0911	0.0000152	3.42	6.56	0.0824	0.000976	6.55	0.00486	0.064	0.000535	0.000371	0.000204	0.22	0.0000028	0.00041	0.000982	0.00224	0.000032
2112 Sep	0.0887	0.0000152	3.47	6.62	0.0807	0.00101	6.45	0.00498	0.0631	0.000512	0.000371	0.000207	0.221	0.00000278	0.000425	0.000953	0.0022	0.0000333
2112 Oct	0.0872	0.0000152	3.49	6.68	0.0797	0.00104	6.37	0.00507	0.0625	0.000498	0.000372	0.000208	0.221	0.00000276	0.000436	0.000937	0.00218	0.0000342
2112 Nov	0.0869	0.0000152	3.51	6.71	0.0796	0.00105	6.36	0.00511	0.0624	0.000494	0.000373	0.000209	0.222	0.00000276	0.00044	0.000935	0.00217	0.0000342
2112 Dec	0.0869	0.0000152	3.51	6.71	0.0796	0.00105	6.36	0.00511	0.0624	0.000494	0.000373	0.000209	0.222	0.00000276	0.000441	0.000935	0.00217	0.0000342
2113 Jan	0.0869	0.0000152	3.51	6.72	0.0796	0.00105	6.36	0.00512	0.0624	0.000494	0.000373	0.000209	0.222	0.00000276	0.000441	0.000935	0.00217	0.0000342
2113 Feb	0.0869	0.0000152	3.51	6.72	0.0797	0.00105	6.36	0.00512	0.0624	0.000494	0.000374	0.000209	0.222	0.00000276	0.000441	0.000935	0.00217	0.0000343
2113 Mar	0.0871	0.0000152	3.52	6.73	0.0798	0.00105	6.37	0.00513	0.0625	0.000495	0.000374	0.00021	0.223	0.00000277	0.000442	0.000937	0.00218	0.0000345
2113 Apr	0.0874	0.0000153	3.54	6.76	0.0801	0.00106	6.4	0.00515	0.0627	0.000497	0.000376	0.000211	0.224	0.00000278	0.000444	0.00094	0.00218	0.0000348
2113 May	0.0908	0.0000155	3.59	6.89	0.0839	0.00106	6.61	0.00519	0.0639	0.00053	0.000382	0.000215	0.229	0.00000281	0.000444	0.000982	0.00222	0.0000351
2113 Jun	0.101	0.0000157	3.57	6.93	0.0936	0.000973	7.18	0.00494	0.0676	0.000635	0.000388	0.000214	0.235	0.00000289	0.000409	0.00111	0.00235	0.0000317
2113 Jul	0.101	0.000016	3.7	7.15	0.0945	0.00102	7.22	0.00517	0.0682	0.000632	0.000402	0.000223	0.241	0.00000295	0.000432	0.00112	0.00239	0.0000348
2113 Aug	0.101	0.0000164	3.85	7.45	0.0956	0.00109	7.24	0.00549	0.0684	0.000627	0.000417	0.000232	0.249	0.00000299	0.000465	0.00112	0.00242	0.0000373
2113 Sep	0.0988	0.0000163	3.86	7.46	0.0933	0.00111	7.1	0.00557	0.0673	0.000603	0.000415	0.000232	0.248	0.00000296	0.000476	0.00109	0.00237	0.0000374
2113 Oct	0.0919	0.0000155	3.64	7.02	0.0851	0.00108	6.68	0.00528	0.0646	0.000538	0.000383	0.000217	0.233	0.00000282	0.000454	0.000993	0.00221	0.0000351
2113 Nov	0.0907	0.0000154	3.6	6.94	0.0834	0.00108	6.62	0.00523	0.0644	0.000524	0.000377	0.000214	0.23	0.0000028	0.000451	0.000974	0.00219	0.0000344
2113 Dec	0.0906	0.0000154	3.6	6.94	0.0833	0.00108	6.62	0.00523	0.0644	0.000523	0.000377	0.000214	0.23	0.0000028	0.000452	0.000973	0.00219	0.0000344
2114 Jan	0.0906	0.0000154	3.61	6.95	0.0833	0.00108	6.62	0.00524	0.0644	0.000523	0.000377	0.000214	0.23	0.0000028	0.000452	0.000973	0.00219	0.0000344
2114 Feb	0.0907	0.0000154	3.61	6.95	0.0834	0.00108	6.62	0.00524	0.0644	0.000523	0.000377	0.000214	0.23	0.0000028	0.000452	0.000974	0.00219	0.0000345
2114 Mar	0.0908	0.0000154	3.61	6.95	0.0835	0.00108	6.63	0.00524	0.0645	0.000524	0.000378	0.000214	0.231	0.0000028	0.000452	0.000975	0.00219	0.0000347
2114 Apr	0.091	0.0000155	3.62	6.97	0.0837	0.00109	6.65	0.00525	0.0646	0.000525	0.000379	0.000215	0.231	0.00000281	0.000453	0.000977	0.00219	0.0000349
2114 May	0.0959	0.0000156	3.68	7.14	0.0892	0.00108	6.94	0.00528	0.066	0.000577	0.000386	0.000219	0.238	0.00000284	0.000451	0.00104	0.00224	0.0000341
2114 Jun	0.104	0.0000158	3.75	7.33	0.0979	0.00104	7.4	0.00525	0.0684	0.000661	0.000396	0.000224	0.247	0.0000029	0.00044	0.00114	0.00232	0.0000333

Appendix D.2-1: CP1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.105	0.0000164	3.93	7.67	0.1	0.00111	7.51	0.00557	0.0695	0.000665	0.000416	0.000237	0.256	0.00000298	0.000472	0.00116	0.00238	0.0000373
2114 Aug	0.107	0.0000169	4.11	8.01	0.102	0.00118	7.65	0.0059	0.0708	0.000671	0.000434	0.000248	0.266	0.00000307	0.000503	0.00118	0.00244	0.00004
2114 Sep	0.104	0.0000168	4.11	8.02	0.0998	0.0012	7.47	0.00598	0.0694	0.000642	0.000432	0.000247	0.265	0.00000302	0.000515	0.00114	0.00239	0.00004
2114 Oct	0.0995	0.0000165	4.07	7.92	0.0961	0.00122	7.23	0.00599	0.0677	0.000606	0.000424	0.000244	0.261	0.00000295	0.00052	0.0011	0.00231	0.0000399
2114 Nov	0.0964	0.0000162	3.99	7.77	0.0926	0.00121	7.03	0.00591	0.0663	0.000578	0.000413	0.000238	0.255	0.00000289	0.000515	0.00106	0.00225	0.0000386
2114 Dec	0.0961	0.0000161	3.98	7.75	0.0922	0.00121	7.01	0.0059	0.0663	0.000574	0.000412	0.000237	0.254	0.00000289	0.000515	0.00105	0.00224	0.0000385
2115 Jan	0.0961	0.0000161	3.98	7.75	0.0922	0.00121	7.01	0.0059	0.0663	0.000574	0.000412	0.000237	0.254	0.00000289	0.000515	0.00105	0.00224	0.0000385
2115 Feb	0.0961	0.0000161	3.98	7.76	0.0923	0.00121	7.02	0.0059	0.0663	0.000574	0.000412	0.000237	0.255	0.00000289	0.000515	0.00105	0.00224	0.0000385
2115 Mar	0.0962	0.0000161	3.99	7.76	0.0924	0.00121	7.02	0.00591	0.0663	0.000575	0.000412	0.000238	0.255	0.00000289	0.000516	0.00105	0.00224	0.0000387
2115 Apr	0.0965	0.0000162	4	7.79	0.0927	0.00122	7.04	0.00593	0.0665	0.000577	0.000413	0.000239	0.256	0.0000029	0.000517	0.00106	0.00225	0.000039
2115 May	0.1	0.0000163	4.03	7.86	0.0966	0.0012	7.28	0.00588	0.0678	0.000615	0.000416	0.000241	0.259	0.00000293	0.000509	0.0011	0.00229	0.000039
2115 Jun	0.105	0.0000164	4.03	7.89	0.101	0.00117	7.57	0.00577	0.0696	0.000662	0.000418	0.000242	0.263	0.00000298	0.000494	0.00116	0.00235	0.0000384
2115 Jul	0.106	0.0000169	4.17	8.16	0.102	0.00122	7.63	0.00605	0.0704	0.000662	0.000434	0.000251	0.27	0.00000304	0.000521	0.00117	0.00239	0.0000404
2115 Aug	0.102	0.0000167	4.16	8.12	0.0991	0.00124	7.38	0.00613	0.0683	0.000628	0.000431	0.000249	0.267	0.00000298	0.000532	0.00112	0.00233	0.0000404
2115 Sep	0.0994	0.0000166	4.19	8.16	0.0973	0.00127	7.26	0.00622	0.0673	0.000605	0.000431	0.000251	0.267	0.00000297	0.000544	0.00109	0.0023	0.0000418
2115 Oct	0.0988	0.0000167	4.26	8.29	0.0976	0.0013	7.25	0.00637	0.067	0.000599	0.000438	0.000257	0.271	0.00000298	0.00056	0.00109	0.0023	0.000044
2115 Nov	0.0978	0.0000167	4.27	8.29	0.0965	0.00132	7.21	0.00639	0.0669	0.000588	0.000436	0.000256	0.27	0.00000297	0.000563	0.00108	0.00228	0.0000444
2115 Dec	0.0976	0.0000167	4.25	8.27	0.0961	0.00131	7.19	0.00638	0.0669	0.000584	0.000435	0.000256	0.269	0.00000297	0.000562	0.00107	0.00228	0.0000442
2116 Jan	0.0976	0.0000167	4.26	8.27	0.0961	0.00131	7.19	0.00638	0.0669	0.000584	0.000435	0.000256	0.269	0.00000297	0.000562	0.00107	0.00228	0.0000442
2116 Feb	0.0976	0.0000167	4.26	8.28	0.0962	0.00131	7.2	0.00638	0.0669	0.000585	0.000435	0.000256	0.27	0.00000297	0.000562	0.00107	0.00228	0.0000443
2116 Mar	0.0977	0.0000167	4.26	8.28	0.0963	0.00132	7.2	0.00638	0.0669	0.000585	0.000435	0.000256	0.27	0.00000297	0.000563	0.00107	0.00228	0.0000444
2116 Apr	0.098	0.0000168	4.28	8.31	0.0966	0.00132	7.23	0.0064	0.0671	0.000587	0.000437	0.000257	0.271	0.00000298	0.000564	0.00108	0.00228	0.0000447
2116 May	0.1	0.0000169	4.32	8.42	0.0993	0.00132	7.34	0.00647	0.0677	0.00061	0.000443	0.000259	0.275	0.00000299	0.000568	0.00111	0.00231	0.0000439
2116 Jun	0.107	0.0000169	4.02	7.87	0.102	0.00113	7.57	0.0058	0.0709	0.000674	0.000439	0.000241	0.263	0.00000306	0.000491	0.0012	0.0025	0.0000359
2116 Jul	0.108	0.0000174	4.16	8.08	0.103	0.00118	7.66	0.00601	0.0723	0.000672	0.000457	0.00025	0.268	0.00000315	0.000511	0.00122	0.00258	0.0000394
2116 Aug	0.108	0.0000178	4.28	8.32	0.104	0.00123	7.73	0.00625	0.0731	0.000671	0.000468	0.000257	0.275	0.00000321	0.000535	0.00122	0.00261	0.000041
2116 Sep	0.102	0.0000172	4.14	8.04	0.0973	0.00122	7.36	0.00612	0.0705	0.000613	0.000447	0.000247	0.265	0.00000309	0.000529	0.00114	0.00248	0.0000392
2116 Oct	0.0961	0.0000166	3.98	7.71	0.0903	0.00121	7.01	0.00592	0.0682	0.000555	0.000421	0.000236	0.253	0.00000298	0.000516	0.00105	0.00235	0.000038
2116 Nov	0.0957	0.0000166	3.99	7.73	0.0901	0.00122	6.99	0.00595	0.0681	0.000551	0.000422	0.000237	0.254	0.00000298	0.000519	0.00105	0.00234	0.000038
2116 Dec	0.0957	0.0000166	3.99	7.73	0.09	0.00122	6.99	0.00596	0.0681	0.000551	0.000422	0.000237	0.254	0.00000298	0.00052	0.00105	0.00234	0.000038
2117 Jan	0.0957	0.0000166	4	7.74	0.0901	0.00122	6.99	0.00596	0.0681	0.000551	0.000422	0.000237	0.254	0.00000298	0.000521	0.00105	0.00234	0.0000381
2117 Feb	0.0957	0.0000166	4	7.74	0.0901	0.00122	6.99	0.00596	0.0681	0.000551	0.000422	0.000237	0.254	0.00000298	0.000521	0.00105	0.00234	0.0000382
2117 Mar	0.0958	0.0000166	4	7.74	0.0902	0.00122	7	0.00596	0.0681	0.000551	0.000423	0.000237	0.254	0.00000298	0.000521	0.00105	0.00234	0.0000383
2117 Apr	0.0961	0.0000167	4.02	7.78	0.0905	0.00123	7.02	0.00599	0.0684	0.000554	0.000424	0.000238	0.255	0.00000299	0.000523	0.00106	0.00235	0.0000386
2117 May	0.0992	0.0000168	4.06	7.86	0.0937	0.00122	7.22	0.00598	0.0696	0.000583	0.000428	0.000241	0.259	0.00000303	0.00052	0.00109	0.00239	0.0000391
2117 Jun	0.108	0.0000169	4.03	7.85	0.102	0.00115	7.71	0.00571	0.0722	0.000671	0.000426	0.000241	0.263	0.00000308	0.000485	0.00119	0.00247	0.0000371
2117 Jul	0.109	0.0000173	4.16	8.09	0.103	0.0012	7.82	0.00593	0.0733	0.000675	0.000441	0.00025	0.269	0.00000315	0.000506	0.00121	0.00252	0.0000402
2117 Aug	0.11	0.0000177	4.31	8.38	0.105	0.00126	7.88	0.00623	0.0738	0.000676	0.000457	0.000259	0.278	0.0000032	0.000535	0.00122	0.00255	0.0000427
2117 Sep	0.109	0.0000178	4.4	8.54	0.106	0.00129	7.9	0.00639	0.0739	0.000673	0.000464	0.000265	0.282	0.00000322	0.000552	0.00122	0.00256	0.0000445
2117 Oct	0.108	0.0000177	4.38	8.5	0.104	0.0013	7.8	0.00639	0.073	0.000658	0.000461	0.000264	0.28	0.00000319	0.000555	0.0012	0.00253	0.0000451
2117 Nov	0.107	0.0000176	4.36	8.45	0.103	0.0013	7.74	0.00636	0.0727	0.00065	0.000458	0.000262	0.278	0.00000318	0.000552	0.00119	0.00251	0.0000449
2117 Dec	0.107	0.0000176	4.35	8.44	0.103	0.0013	7.73	0.00635	0.0726	0.000648	0.000457	0.000262	0.278	0.00000317	0.000552	0.00118	0.0025	0.0000448
2118 Jan	0.107	0.0000176	4.35	8.44	0.103	0.0013	7.73	0.00635	0.0726	0.000648	0.000457	0.000262	0.278	0.00000317	0.000552	0.00118	0.0025	0.0000448
2118 Feb	0.107	0.0000176	4.35	8.44	0.103	0.0013	7.73	0.00635	0.0726	0.000648	0.000457	0.000262	0.278	0.00000317	0.000552	0.00118	0.0025	0.0000449
2118 Mar	0.107	0.0000176	4.36	8.44	0.103	0.0013	7.74	0.00635	0.0727	0.000648	0.000457	0.000262	0.278	0.00000317	0.000552	0.00118	0.0025	0.000045
2118 Apr	0.107	0.0000177	4.37	8.47	0.103	0.0013	7.77	0.00637	0.0729	0.000651	0.000458	0.000263	0.279	0.00000318	0.000553	0.00119	0.00251	0.0000452
2118 May	0.112	0.0000174	4.28	8.37	0.109	0.00122	8.06	0.00609	0.0738	0.000713	0.00045	0.000258	0.279	0.00000316	0.000519	0.00125	0.00252	0.0000419
2118 Jun	0.124	0.0000174	4.15	8.2	0.119	0.00108	8.65	0.0056	0.0772	0.000833	0.000443	0.000251	0.279	0.00000321	0.000458	0.00138	0.00263	0.0000366
2118 Jul	0.125	0.0000179	4.33	8.53	0.121	0.00115	8.77	0.00592	0.0784	0.000837	0.000464	0.000263	0.289	0.00000329	0.000489	0.00141	0.0027	0.0000397
2118 Aug	0.119	0.0000176	4.28	8.41	0.115	0.00116	8.42	0.00596	0.0757	0.000784	0.000454	0.000258	0.283	0.00000322	0.000498	0.00133	0.00261	0.0000389
2118 Sep	0.108	0.0000167	4.02	7.88	0.103	0.00115	7.75	0.00571	0.0711	0.000681	0.000418	0.000241	0.264	0.00000303	0.000483	0.00118	0.0024	0.0000361
2118 Oct	0.102	0.0000163	3.94	7.7	0.097	0.00116	7.42	0.00566	0.069	0.000628	0.000404	0.000234	0.256	0.00000295	0.000485	0.00111	0.0023	0.0000358
2118 Nov	0.101	0.0000162	3.92	7.66	0.0957	0.00116	7.35	0.00566	0.0686	0.000615	0.000401	0.000233	0.255	0.00000293	0.000487	0.0011	0.00228	0.0000357
2118 Dec	0.101	0.0000162	3.92	7.66	0.0956	0.00116	7.35	0.00566	0.0686	0.000614	0.000401	0.000233	0.255	0.00000293	0.000486	0.0011	0.00228	0.0000357
2119 Jan	0.101	0.0000162	3.92	7.66	0.0956	0.00117	7.35	0.00566	0.0686	0.000614	0.000401	0.000233	0.255	0.00000293	0.000487	0.0011	0.00228	0.0000358
2119 Feb	0.101	0.0000162	3.92	7.67	0.0957	0.00117	7.36	0.00566	0.0686	0.000614	0.000401	0.000233	0.255	0.00000293	0.000487	0.0011	0.00228	0.0000359
2119 Mar	0.101	0.0000162	3.93	7.68	0.0958	0.00117	7.37	0.00567	0.0687	0.000615	0.000402	0.000234	0.255	0.00000293	0.000488	0.0011	0.00228	0.0000361
2119 Apr	0.102	0.0000163	3.96	7.75	0.0974	0.00117	7.46	0.0057	0.0692	0.000622	0.000404	0.000236	0.258	0.00000295	0.000489	0.00111	0.00229	0.0000367
2119 May	0.113	0.0000163	3.98	7.88	0.109	0.00111	8.09	0.0055	0.0719	0.000713	0.000403	0.000235	0.267	0.00000299	0.000459	0.00124	0.00235	0.0000342
2119 Jun	0.115	0.0000162	3.93	7.81	0.11	0.00107	8.15	0.00537	0.072	0.000735	0.000403	0.000233	0.265	0.00000297	0.000444	0.00126	0.00237	0.0000334
2119 Jul	0.115	0.0000167	4.09	8.09	0.111	0.00113	8.17	0.00568	0.0726	0.000729	0.000422	0.000243	0.273	0.00000304	0.000475	0.00127	0.00242	0.0000365
2119 Aug	0.113	0.0000168	4.16	8.21	0.11	0.00117	8.11	0.00586	0.0723	0.000713	0.000428	0.000247	0.275	0.00000306	0.000494	0.00125	0.00242	0.0000372
2119 Sep	0.108	0.0000166	4.11	8.11	0.106	0.00118	7.81	0.00589	0.07	0.000669	0.00042	0.000244	0.27	0.00000299	0.000501	0.00119	0.00234	0.0000372
2119 Oct	0.105	0.0000163	4.09	8.05	0.102	0.0012	7.61	0.00591	0.0686	0.000639	0.000415	0.000242	0.267	0.00000294	0.000508	0.00115	0.00228	0.000038
2119 Nov	0.103	0.0000162	4.04	7.94	0.1	0.0012	7.49	0.00584	0.0679	0.00062	0.000408	0.000239	0.263	0.00000291	0.000504	0.00113	0.00225	0.0000378
2119 Dec	0.103	0.0000162	4.04	7.94	0.1	0.0012	7.49	0.00584	0.0679	0.000619	0.000408	0.000239	0.263	0.00000291	0.000504	0.00112	0.00224	0.0000379

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00051	0.00051	0.000005	0.00723	0.00966	0.0115	0.0162	0.000005	18.5	0.0000189	0.000284	0.000208	0.000906
Operation (2026-2036): Mean	1140	1.58	8.5	0.102	509	0.195	198	0.000783	0.000783	0.00000703	0.0126	0.022	0.294	0.0321	0.00000866	54.4	0.0000647	0.00696	0.000518	0.00448
Operation (2026-2036): Max	2320	3.25	18.1	0.211	1130	0.352	409	0.00103	0.00103	0.00000956	0.018	0.0773	0.58	0.0495	0.0000124	96.9	0.000111	0.0141	0.000936	0.00836
Active Closure (2037-2043): Min	469	0.501	2.49	0.0337	148	0.107	102	0.000638	0.000638	0.00000599	0.00971	0.00452	0.155	0.029	0.00000691	40.9	0.0000432	0.00384	0.000479	0.00269
Active Closure (2037-2043): Mean	678	0.793	4.17	0.0513	247	0.139	166	0.00313	0.000993	0.00000694	0.0112	0.00838	0.215	0.0358	0.00000841	58.2	0.0000529	0.0052	0.000594	0.00356
Active Closure (2037-2043): Max	1510	2.03	11.1	0.126	633	0.289	308	0.0123	0.00137	0.00000802	0.0158	0.017	0.465	0.0466	0.0000107	89.5	0.0000906	0.0113	0.000772	0.00675
Post Closure (2044-2119): Min	424	0.0562	0.0346	0.0131	7.89	0.112	250	0.00769	0.000784	0.00000624	0.00984	0.0122	0.197	0.0295	0.00000891	81.6	0.000046	0.0043	0.000517	0.00277
Post Closure (2044-2119): Mean	614	0.174	0.654	0.0238	43.6	0.221	363	0.0104	0.00101	0.00000821	0.0132	0.0161	0.389	0.0377	0.0000117	106	0.0000755	0.00905	0.000733	0.00529
Post Closure (2044-2119): Max	854	0.573	2.78	0.0558	164	0.291	460	0.0157	0.00153	0.0000104	0.017	0.0195	0.512	0.0483	0.0000148	132	0.0001	0.012	0.000945	0.00699
Water quality guideline for the protection of terrestrial life	***3000***	-	-	***10***	-	***2***	***1000***	-	-	-	***5***	***0.025***	***5***	-	***0.1***	***1000***	***0.08***	***1***	***0.05***	***0.5***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00099	0.00099	0.000005	0.00723	0.0246	0.0115	0.0218	0.000005	18.5	0.0000189	0.000284	0.000264	0.000906
2026 Feb	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00099	0.00099	0.000005	0.00723	0.0246	0.0115	0.0218	0.000005	18.5	0.0000189	0.000284	0.000264	0.000906
2026 Mar	63	0.0704	0.0833	0.00315	16.2	0.03	5.58	0.000991	0.000991	0.00000501	0.00723	0.0251	0.0115	0.0218	0.00000501	18.5	0.0000189	0.000285	0.000264	0.000907
2026 Apr	63.3	0.0708	0.0845	0.00317	16.3	0.0301	5.63	0.000994	0.000994	0.00000502	0.00726	0.0273	0.0116	0.0219	0.00000502	18.6	0.0000189	0.000287	0.000265	0.000911
2026 May	68.6	0.0778	0.116	0.0036	18.4	0.0316	6.97	0.00101	0.00101	0.0000051	0.00739	0.0281	0.0137	0.0223	0.00000511	19.1	0.0000195	0.000337	0.000271	0.000947
2026 Jun	93.6	0.11	0.308	0.00583	29	0.0366	14.7	0.000972	0.000972	0.00000506	0.00744	0.0249	0.0255	0.0212	0.00000514	19.4	0.0000214	0.00062	0.000261	0.00105
2026 Jul	105	0.124	0.378	0.00677	33.5	0.0399	17.6	0.00101	0.00101	0.00000527	0.00778	0.0256	0.0301	0.0219	0.00000537	20.4	0.0000228	0.000731	0.000272	0.00113
2026 Aug	137	0.168	0.59	0.00949	46.5	0.0479	26.4	0.00102	0.00102	0.00000548	0.00819	0.0265	0.0433	0.0229	0.00000566	22.5	0.0000253	0.00105	0.000291	0.00132
2026 Sep	165	0.204	0.771	0.0118	57.5	0.0546	33.8	0.00103	0.00103	0.00000565	0.00851	0.0273	0.0544	0.0238	0.00000588	24.3	0.0000274	0.00132	0.000308	0.00148
2026 Oct	205	0.26	1.05	0.0153	74.4	0.0641	45.3	0.00101	0.00101	0.00000571	0.00875	0.027	0.0716	0.0243	0.00000604	26.4	0.00003	0.00174	0.000324	0.00169
2026 Nov	206	0.261	1.06	0.0154	74.7	0.0644	45.5	0.00101	0.00101	0.00000573	0.00879	0.027	0.0719	0.0244	0.00000606	26.5	0.0000301	0.00174	0.000325	0.0017
2026 Dec	206	0.261	1.06	0.0154	74.7	0.0644	45.5	0.00101	0.00101	0.00000573	0.00879	0.027	0.0719	0.0244	0.00000607	26.5	0.0000301	0.00174	0.000325	0.0017
2027 Jan	206	0.261	1.06	0.0154	74.7	0.0644	45.5	0.00101	0.00101	0.00000573	0.00879	0.027	0.0719	0.0244	0.00000607	26.5	0.0000301	0.00174	0.000325	0.0017
2027 Feb	206	0.261	1.06	0.0154	74.7	0.0644	45.5	0.00101	0.00101	0.00000573	0.00879	0.027	0.0719	0.0244	0.00000607	26.5	0.0000301	0.00174	0.000325	0.0017
2027 Mar	206	0.261	1.06	0.0154	74.7	0.0644	45.5	0.00101	0.00101	0.00000573	0.0088	0.027	0.0719	0.0244	0.00000607	26.6	0.0000301	0.00175	0.000325	0.0017
2027 Apr	207	0.263	1.06	0.0155	75.1	0.0648	45.7	0.00102	0.00102	0.00000577	0.00884	0.0271	0.0723	0.0245	0.0000061	26.7	0.0000302	0.00175	0.000327	0.00171
2027 May	226	0.29	1.21	0.0172	83.6	0.0681	49.1	0.00103	0.00103	0.00000589	0.00906	0.0285	0.0775	0.0251	0.00000626	27.7	0.0000314	0.00188	0.000337	0.00179
2027 Jun	249	0.323	1.45	0.0195	95.5	0.0679	51	0.000984	0.000984	0.00000569	0.00882	0.0269	0.0804	0.0234	0.00000607	26.6	0.0000315	0.00195	0.000316	0.00177
2027 Jul	254	0.328	1.49	0.0199	97.6	0.0682	51.2	0.00101	0.00101	0.0000058	0.00899	0.0266	0.081	0.0234	0.00000619	26.6	0.0000321	0.00196	0.000314	0.00178
2027 Aug	1240	1.32	6.83	0.0935	599	0.189	226	0.000826	0.000826	0.00000711	0.0126	0.0415	0.292	0.0356	0.00000932	52.4	0.0000688	0.00603	0.000548	0.0042
2027 Sep	2320	2.7	14.3	0.201	1130	0.339	409	0.00051	0.00051	0.00000849	0.0158	0.0348	0.533	0.0465	0.0000123	81.8	0.000107	0.011	0.000759	0.00691
2027 Oct	2250	2.81	14.9	0.208	1080	0.34	390	0.000523	0.000523	0.00000865	0.0157	0.0285	0.525	0.0451	0.0000121	81.9	0.000105	0.0111	0.000733	0.00689
2027 Nov	2130	2.68	14.2	0.197	1020	0.325	369	0.000549	0.000549	0.00000846	0.0154	0.0263	0.5	0.0435	0.0000117	78.9	0.0001	0.0107	0.000705	0.00664
2027 Dec	2100	2.66	14.1	0.194	1010	0.322	364	0.000555	0.000555	0.00000841	0.0153	0.0256	0.494	0.0431	0.0000116	78.2	0.0000991	0.0106	0.000698	0.00658
2028 Jan	2080	2.63	13.9	0.192	997	0.319	361	0.00056	0.00056	0.00000838	0.0152	0.0254	0.489	0.0431	0.0000116	77.7	0.0000982	0.0105	0.000697	0.00652
2028 Feb	2070	2.62	13.8	0.191	991	0.317	359	0.000563	0.000563	0.00000836	0.0152	0.0252	0.486	0.0433	0.0000115	77.6	0.0000978	0.0104	0.0007	0.0065
2028 Mar	2060	2.61	13.8	0.191	988	0.316	357	0.000565	0.000565	0.00000835	0.0152	0.0252	0.484	0.0434	0.0000115	77.5	0.0000975	0.0104	0.000702	0.00648
2028 Apr	2070	2.62	13.8	0.191	992	0.317	359	0.00057	0.00057	0.00000839	0.0152	0.0253	0.486	0.0438	0.0000116	78	0.000098	0.0104	0.000708	0.00651
2028 May	2140	2.74	14.3	0.211	1020	0.334	368	0.000598	0.000598	0.000009	0.0153	0.0347	0.497	0.0458	0.0000122	80.2	0.000101	0.0104	0.000714	0.00653
2028 Jun	1300	1.72	8.56	0.163	629	0.227	220	0.000761	0.000761	0.0000082	0.0107	0.0617	0.292	0.0333	0.00000988	50.6	0.0000711	0.00547	0.000419	0.0036
2028 Jul	969	1.37	6.58	0.148	469	0.188	161	0.000858	0.000858	0.00000813	0.00919	0.0345	0.214	0.0289	0.00000916	40.1	0.0000599	0.00367	0.000309	0.00253
2028 Aug	1120	1.59	7.7	0.167	541	0.216	188	0.000936	0.000936	0.00000905	0.0105	0.0412	0.253	0.0326	0.0000103	46.6	0.0000686	0.00448	0.000362	0.00303
2028 Sep	1480	2.08	10.6	0.185	686	0.272	259	0.000869	0.000869	0.00000956	0.0131	0.0462	0.365	0.0378	0.0000114	62.7	0.000085	0.00751	0.000515	0.0047
2028 Oct	1010	1.43	7.44	0.0961	443	0.194	184	0.000793	0.000793	0.00000701	0.0124	0.014	0.274	0.0297	0.00000847	50.8	0.00006	0.00636	0.000438	0.00419
2028 Nov	980	1.38	7.21	0.0923	429	0.189	178	0.000804	0.000804	0.00000696	0.0124	0.0129	0.266	0.0294	0.00000837	49.9	0.0000586	0.0062	0.00043	0.00411
2028 Dec	968	1.37	7.12	0.0912	424	0.187	176	0.000808	0.000808	0.00000694	0.0124	0.0128	0.263	0.0293	0.00000834	49.5	0.0000581	0.00613	0.000427	0.00407
2029 Jan	964	1.36	7.08	0.0907	421	0.186	175	0.000809	0.000809	0.00000693	0.0123	0.0127	0.262	0.0293	0.00000832	49.4	0.0000579	0.0061	0.000427	0.00406
2029 Feb	961	1.36	7.06	0.0904	420	0.186	175	0.00081	0.00081	0.00000692	0.0123	0.0127	0.261	0.0294	0.00000831	49.4	0.0000578	0.00608	0.00043	0.00405
2029 Mar	960	1.36	7.05	0.0903	420	0.186	175	0.00081	0.00081	0.00000692	0.0123	0.0127	0.261	0.0295	0.0000083	49.4	0.0000577	0.00607	0.000432	0.00405
2029 Apr	961	1.36	7.05	0.0903	420	0.186	175	0.000812	0.000812	0.00000693	0.0123	0.0127	0.261	0.0297	0.00000832	49.6	0.0000578	0.00608	0.000434	0.00405
2029 May	1040	1.47	7.72	0.0978	457	0.198	189	0.000813	0.000813	0.00000715	0.0128	0.0141	0.282	0.031	0.00000866	52.7	0.0000615	0.00659	0.000462	0.00434
2029 Jun	1180	1.66	8.96	0.109	521	0.208	207	0.000805	0.000805	0.00000736	0.0133	0.039	0.312	0.0309	0.00000904	55.5	0.0000681	0.00739	0.000494	0.00469
2029 Jul	368	0.492	2.63	0.0323	156	0.0732	61.7	0.000878	0.000878	0.00000536	0.00865	0.0126	0.0973	0.0162	0.00000585	22.4	0.0000342	0.00229	0.000208	0.00175
2029 Aug	472	0.64	3.46	0.0417	203	0.0895	79.4	0.000911	0.000911	0.0000058	0.00947	0.0149	0.124	0.0182	0.00000644	26.6	0.0000393	0.00293	0.000246	0.00213
2029 Sep	1080	1.51	8.34	0.0963	478	0.178	182	0.000832	0.000832	0.00000702	0.0125	0.0237	0.277	0.0267	0.00000851	48.7	0.000064	0.00667	0.00044	0.00418
2029 Oct	1500	2.12	11.8	0.134	670	0.239	254	0.000727	0.000727	0.00000761	0.0143	0.0249	0.384	0.0323	0.0000097	63.9	0.00008	0.00927	0.000573	0.0056
2029 Nov	1190	1.7	9.26	0.106	530	0.198	200	0.000747	0.000747	0.00000685	0.0129	0.0156	0.304	0.029	0.0000085	53.6	0.0000647	0.00733	0.000476	0.00462
2029 Dec	1170	1.67	9.09	0.104	520	0.196	197	0.000753	0.000753	0.00000682	0.0128	0.0152	0.298	0.0288	0.00000844	52.9	0.0000638	0.00719	0.000469	0.00455
2030 Jan	1160	1.66	9	0.103	516	0.194	195	0.000755	0.000755	0.00000681	0.0128	0.0151	0.296	0.0289	0.0000084	52.7	0.0000633	0.00712	0.00047	0.00452
2030 Feb	1150	1.65	8.96	0.102	513	0.193	194	0.000757	0.000757	0.0000068	0.0127	0.015	0.294	0.0291	0.00000839	52.7	0.0000631	0.00709	0.000474	0.00451
2030 Mar	1150	1.65	8.94	0.102	512	0.193	194	0.000759	0.000759	0.0000068	0.0127	0.015	0.294	0.0293	0.00000839	52.8	0.0000631	0.00708	0.000476	0.00451
2030 Apr	1150	1.65	8.95	0.102	513	0.193	194	0.000761	0.000761	0.00000682	0.0128	0.015	0.294	0.0295	0.00000841	53	0.0000632	0.00709	0.000479	0.00452
2030 May	1190	1.7	9.23	0.105	529	0.199	200	0.000783	0.000783	0.00000702	0.0131	0.0346	0.303	0.0304	0.00000866	54.7	0.0000651	0.00731	0.000495	0.00466
2030 Jun	692	0.972	5.26	0.0605	304	0.122	115	0.000871	0.000871	0.00000613	0.0106	0.0322	0.177	0.022	0.00000706	35.2	0.0000468	0.00425	0.000324	0.0029
2030 Jul	496	0.681	3.7	0.0427	215	0.0904	81	0.000908	0.000908	0.00000578	0.00962	0.0204	0.127	0.0185	0.00000644	27.3	0.0000396	0.00304	0.000255	0.0022
2030 Aug	672	0.932	5.11	0.0587	295	0.117	111	0.000932	0.000932	0.00000637	0.0108	0.0242	0.172	0.0215	0.00000727	34.1	0.0000476	0.00414	0.000316	0.00283
2030 Sep	951	1.33	7.35	0.0839	421	0.16	158	0.000963	0.000963	0.00000727	0.0126	0.0359	0.243	0.0262	0.00000857	45	0.0000604	0.00587	0.000412	0.00381
2030 Oct	1280	1.81	10	0.114	570	0.207	215	0.000861	0.000861	0.00000765	0.0139	0.036	0.327	0.0303	0.00000942	56.6	0.0000726	0.0079	0.000512	0.0049
2030 Nov	1230	1.75	9.64	0.11	550	0.203	207	0.000834	0.000834	0.00000739	0.0136	0.0291	0.315	0.0299	0.00000909	55.3	0.0000693	0.00761	0.000497	0.00477
2030 Dec	1200	1.71	9.39	0.107	536	0.199	202	0.000839	0.000839	0.00000733	0.0135	0.0284	0.307	0.0296	0.00000899	54.2	0.0000678	0.00741	0.000487	0.00467
2031 Jan	1190	1.69	9.29	0.106	531	0.197	200	0.000841	0.000841	0.00000731	0.0134	0.0281	0.304	0.0297	0.00000895	54	0.0000673	0.00734	0.000488	0.00464

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	1190	1.68	9.24	0.105	528	0.196	199	0.000842	0.000842	0.00000729	0.0134	0.028	0.302	0.0299	0.00000893	54	0.0000671	0.00731	0.000492	0.00462
2031 Mar	1180	1.68	9.21	0.105	527	0.195	198	0.000843	0.000843	0.00000729	0.0133	0.0279	0.301	0.0301	0.00000892	54.1	0.0000669	0.00729	0.000495	0.00462
2031 Apr	1190	1.69	9.28	0.106	531	0.197	200	0.000852	0.000852	0.00000736	0.0135	0.0399	0.304	0.0305	0.000009	54.6	0.0000675	0.00734	0.000502	0.00466
2031 May	1310	1.85	10.2	0.115	581	0.213	219	0.000858	0.000858	0.00000768	0.0141	0.0773	0.332	0.034	0.00000948	60.1	0.0000727	0.00804	0.000572	0.00507
2031 Jun	533	0.719	3.77	0.0433	226	0.0901	84.7	0.000927	0.000927	0.00000589	0.00931	0.0267	0.128	0.0358	0.00000655	40.9	0.0000401	0.00323	0.000568	0.00258
2031 Jul	650	0.882	4.67	0.0535	278	0.109	104	0.00101	0.00101	0.00000662	0.0106	0.0321	0.157	0.0396	0.00000744	46.8	0.0000468	0.00395	0.000633	0.00304
2031 Aug	1410	1.97	10.9	0.123	626	0.222	235	0.000933	0.000933	0.00000829	0.0144	0.0401	0.353	0.0474	0.0000102	72.5	0.0000782	0.00869	0.000826	0.00559
2031 Sep	2280	3.25	18.1	0.204	1030	0.352	386	0.000635	0.000635	0.00000919	0.018	0.0299	0.58	0.0495	0.0000124	96.9	0.000111	0.0141	0.000936	0.00836
2031 Oct	1960	2.8	15.5	0.175	879	0.309	331	0.000605	0.000605	0.00000818	0.0163	0.0161	0.498	0.0408	0.0000109	82.2	0.0000954	0.0121	0.000748	0.00722
2031 Nov	1920	2.75	15.1	0.171	861	0.303	324	0.000617	0.000617	0.00000813	0.0162	0.015	0.487	0.0403	0.0000108	80.8	0.0000937	0.0118	0.000733	0.00709
2031 Dec	1900	2.72	15	0.17	852	0.301	321	0.000621	0.000621	0.0000081	0.0162	0.0149	0.483	0.04	0.0000107	80.2	0.0000929	0.0117	0.000727	0.00703
2032 Jan	1890	2.71	14.9	0.169	849	0.3	319	0.000623	0.000623	0.00000809	0.0161	0.0148	0.481	0.04	0.0000107	80	0.0000926	0.0117	0.000726	0.00701
2032 Feb	1890	2.7	14.9	0.168	847	0.299	319	0.000624	0.000624	0.00000808	0.0161	0.0148	0.48	0.0401	0.0000107	79.9	0.0000924	0.0116	0.000727	0.00699
2032 Mar	1880	2.7	14.9	0.168	846	0.299	318	0.000625	0.000625	0.00000808	0.0161	0.0148	0.479	0.0402	0.0000107	79.9	0.0000923	0.0116	0.000728	0.00699
2032 Apr	1890	2.71	14.9	0.169	849	0.3	319	0.000628	0.000628	0.00000811	0.0161	0.0148	0.481	0.0404	0.0000107	80.2	0.0000926	0.0117	0.000732	0.00701
2032 May	1940	2.79	15.4	0.174	873	0.308	328	0.000638	0.000638	0.0000083	0.0165	0.0284	0.494	0.0414	0.000011	82.4	0.0000952	0.012	0.000752	0.00721
2032 Jun	1190	1.69	9.34	0.106	532	0.193	200	0.000746	0.000746	0.00000684	0.0127	0.0213	0.304	0.0286	0.00000849	53.1	0.0000665	0.00736	0.000488	0.00457
2032 Jul	762	1.07	5.89	0.0671	337	0.127	127	0.000751	0.000751	0.00000572	0.01	0.0131	0.195	0.021	0.00000676	36	0.0000484	0.0047	0.000333	0.00304
2032 Aug	891	1.25	6.93	0.0788	396	0.146	149	0.000758	0.000758	0.0000061	0.0108	0.0143	0.228	0.0231	0.00000732	40.9	0.0000537	0.0055	0.000376	0.00349
2032 Sep	1040	1.47	8.15	0.0926	465	0.17	175	0.000779	0.000779	0.00000661	0.0118	0.0205	0.267	0.0258	0.00000805	47.1	0.0000604	0.00644	0.00043	0.00404
2032 Oct	1230	1.74	9.64	0.109	549	0.198	206	0.000761	0.000761	0.00000701	0.0128	0.0255	0.314	0.0286	0.00000871	54	0.000068	0.00759	0.00049	0.00468
2032 Nov	1360	1.93	10.7	0.121	606	0.218	228	0.000738	0.000738	0.00000724	0.0136	0.022	0.346	0.0307	0.00000912	58.9	0.0000727	0.00837	0.000531	0.00513
2032 Dec	1300	1.86	10.2	0.116	582	0.213	219	0.000743	0.000743	0.00000711	0.0134	0.0177	0.332	0.0305	0.00000891	57.5	0.0000697	0.00802	0.000514	0.00498
2033 Jan	1270	1.81	9.94	0.113	567	0.208	213	0.000749	0.000749	0.00000706	0.0133	0.0173	0.323	0.0306	0.00000881	56.7	0.0000683	0.00782	0.000513	0.00489
2033 Feb	1260	1.8	9.84	0.112	562	0.206	211	0.000752	0.000752	0.00000704	0.0132	0.0172	0.32	0.031	0.00000877	56.8	0.0000678	0.00775	0.00052	0.00486
2033 Mar	1260	1.79	9.8	0.111	560	0.206	211	0.000756	0.000756	0.00000704	0.0132	0.0171	0.319	0.0313	0.00000877	56.9	0.0000677	0.00773	0.000526	0.00485
2033 Apr	1270	1.81	9.88	0.112	565	0.207	212	0.000765	0.000765	0.00000712	0.0133	0.0173	0.322	0.0319	0.00000886	57.6	0.0000683	0.00779	0.000535	0.0049
2033 May	1170	1.65	8.99	0.102	518	0.188	194	0.000799	0.000799	0.00000699	0.0126	0.0264	0.293	0.038	0.00000857	59.4	0.000065	0.00718	0.000647	0.00466
2033 Jun	679	0.932	5	0.057	294	0.11	110	0.000807	0.000807	0.00000569	0.00934	0.0162	0.166	0.0353	0.00000657	44.3	0.0000445	0.00414	0.000583	0.003
2033 Jul	728	1	5.39	0.0614	316	0.117	119	0.000838	0.000838	0.00000598	0.00985	0.0176	0.178	0.0363	0.00000693	46.3	0.0000473	0.00445	0.000602	0.00318
2033 Aug	939	1.3	7.05	0.0802	411	0.149	154	0.00089	0.00089	0.0000068	0.0114	0.0233	0.232	0.0409	0.00000804	55.3	0.0000575	0.00575	0.00069	0.00395
2033 Sep	1650	2.35	13	0.147	740	0.26	278	0.000688	0.000688	0.00000776	0.0148	0.022	0.419	0.0412	0.00001	74.5	0.0000842	0.0102	0.00074	0.00624
2033 Oct	1350	1.94	10.6	0.12	603	0.223	227	0.000685	0.000685	0.00000694	0.0135	0.0108	0.343	0.0327	0.00000881	60.6	0.0000693	0.00829	0.000549	0.0052
2033 Nov	1260	1.82	9.85	0.112	564	0.211	212	0.000709	0.000709	0.00000682	0.0132	0.00974	0.32	0.0316	0.00000856	57.5	0.0000656	0.00775	0.00052	0.00492
2033 Dec	1260	1.81	9.79	0.111	561	0.21	211	0.000711	0.000711	0.00000682	0.0132	0.00969	0.319	0.0315	0.00000855	57.3	0.0000654	0.00771	0.000517	0.0049
2034 Jan	1250	1.81	9.77	0.111	559	0.21	210	0.000712	0.000712	0.00000681	0.0131	0.00967	0.318	0.0316	0.00000854	57.3	0.0000653	0.00769	0.000518	0.00489
2034 Feb	1250	1.81	9.76	0.111	559	0.209	210	0.000712	0.000712	0.00000681	0.0131	0.00966	0.318	0.0316	0.00000853	57.3	0.0000652	0.00768	0.000519	0.00488
2034 Mar	1250	1.8	9.75	0.111	558	0.209	210	0.000713	0.000713	0.00000681	0.0131	0.00966	0.317	0.0317	0.00000853	57.3	0.0000652	0.00768	0.00052	0.00488
2034 Apr	1260	1.82	9.82	0.111	562	0.211	212	0.000719	0.000719	0.00000686	0.0132	0.00973	0.32	0.032	0.0000086	57.7	0.0000656	0.00773	0.000524	0.00492
2034 May	1240	1.78	9.61	0.109	551	0.207	207	0.000752	0.000752	0.00000696	0.0132	0.0239	0.313	0.0338	0.00000866	58.5	0.0000654	0.00759	0.000555	0.00488
2034 Jun	687	0.959	5.03	0.0574	298	0.116	112	0.000842	0.000842	0.00000588	0.00988	0.0148	0.167	0.0363	0.00000677	45.5	0.000044	0.00417	0.000582	0.0031
2034 Jul	824	1.15	6.16	0.0701	360	0.137	135	0.00083	0.00083	0.0000062	0.0105	0.0157	0.203	0.0373	0.00000728	49.8	0.0000496	0.00502	0.00061	0.00355
2034 Aug	992	1.39	7.47	0.085	435	0.163	163	0.000898	0.000898	0.00000697	0.012	0.02	0.245	0.0417	0.00000829	57.5	0.000058	0.00606	0.000689	0.00419
2034 Sep	1590	2.27	12.4	0.141	710	0.255	267	0.000717	0.000717	0.00000773	0.0149	0.018	0.402	0.0398	0.00000992	72	0.0000808	0.00978	0.000696	0.00606
2034 Oct	1490	2.15	11.7	0.133	669	0.245	252	0.000673	0.000673	0.00000728	0.0143	0.0104	0.38	0.0343	0.00000935	65.5	0.0000754	0.00919	0.000585	0.00569
2034 Nov	1460	2.11	11.5	0.13	655	0.241	246	0.000689	0.000689	0.00000726	0.0143	0.00982	0.372	0.034	0.00000929	64.5	0.0000742	0.00899	0.000575	0.00559
2034 Dec	1450	2.1	11.4	0.129	651	0.239	245	0.000692	0.000692	0.00000725	0.0142	0.00977	0.37	0.0339	0.00000927	64.2	0.0000738	0.00894	0.000572	0.00556
2035 Jan	1450	2.09	11.4	0.129	649	0.239	244	0.000692	0.000692	0.00000725	0.0142	0.00974	0.369	0.0339	0.00000926	64.1	0.0000737	0.00891	0.000572	0.00555
2035 Feb	1450	2.09	11.3	0.129	648	0.238	244	0.000693	0.000693	0.00000725	0.0142	0.00973	0.368	0.034	0.00000925	64.1	0.0000736	0.0089	0.000574	0.00555
2035 Mar	1450	2.09	11.3	0.128	648	0.238	244	0.000694	0.000694	0.00000725	0.0142	0.00973	0.368	0.034	0.00000925	64.2	0.0000735	0.00889	0.000575	0.00555
2035 Apr	1450	2.1	11.4	0.129	651	0.24	245	0.000699	0.000699	0.00000729	0.0143	0.00979	0.37	0.0343	0.00000931	64.6	0.000074	0.00895	0.000579	0.00558
2035 May	1500	2.16	11.7	0.133	670	0.247	253	0.000721	0.000721	0.00000752	0.0147	0.0204	0.381	0.0356	0.0000096	66.8	0.0000763	0.00922	0.000603	0.00575
2035 Jun	548	0.758	4.03	0.0462	237	0.0968	89.6	0.00084	0.00084	0.00000555	0.00931	0.0129	0.137	0.0254	0.00000627	33.8	0.0000395	0.00336	0.000384	0.00248
2035 Jul	530	0.729	3.89	0.0446	228	0.0947	87	0.000864	0.000864	0.00000564	0.00939	0.013	0.134	0.0247	0.00000633	32.9	0.0000396	0.00327	0.000369	0.00242
2035 Aug	776	1.07	5.8	0.0661	336	0.136	134	0.000859	0.000859	0.00000635	0.0109	0.0159	0.204	0.0285	0.00000744	43	0.000051	0.00498	0.000453	0.00336
2035 Sep	1420	1.97	10.8	0.122	615	0.254	263	0.000687	0.000687	0.00000752	0.0145	0.0128	0.397	0.035	0.00000969	67.8	0.0000781	0.00961	0.000606	0.0059
2035 Oct	1750	2.43	13.4	0.151	760	0.306	326	0.0006	0.0006	0.00000809	0.0163	0.0149	0.492	0.0392	0.0000108	80.4	0.0000938	0.0119	0.000713	0.00712
2035 Nov	1590	2.22	12.1	0.137	691	0.282	297	0.000617	0.000617	0.00000771	0.0154	0.0117	0.448	0.0368	0.0000102	74.2	0.0000863	0.0108	0.000657	0.00655
2035 Dec	1530	2.14	11.7	0.132	665	0.273	286	0.000633	0.000633	0.00000761	0.0152	0.0113	0.43	0.0361	0.00000996	72	0.0000835	0.0104	0.000636	0.00633
2036 Jan	1520	2.12	11.6	0.131	659	0.27	283	0.000637	0.000637	0.00000758	0.0151	0.0112	0.427	0.0361	0.00000992	71.6	0.0000829	0.0103	0.000635	0.00628
2036 Feb	1510	2.11	11.5	0.13	656	0.269	282	0.000638	0.000638	0.00000757	0.015	0.0111	0.425	0.0363	0.00000989	71.5	0.0000826	0.0103	0.000638	0.00626
2036 Mar	1510	2.1	11.5	0.13	654	0.268	281	0.00064	0.00064	0.00000756	0.015	0.0111	0.423	0.0364	0.00000988	71.5	0.0000824	0.0102	0.00064	0.00625
2036 Apr	1530	2.13	11.6	0.131	662	0.272	285	0.000645	0.000645	0.00000765	0.0152	0.021	0.429	0.0369	0.00001	72.5	0.0000835	0.0104	0.00065	0.00633
2036 May	1610	2.24	12.2	0.138	698	0.287	301	0.000668	0.000668	0.00000802	0.0159	0.0483	0.453	0.0389	0.0000105	76.4	0.0000881	0.011	0.000687	0.00668
2036 Jun	921	1.25	6.83	0.0777	391	0.171	174	0.000776	0.000776	0.00000658	0.012	0.0242	0.265	0.0265	0.000008	47.5	0.0000602	0.0064	0.000437	0.00405
2036 Jul	754	1.01	5.52	0.063	317	0.144	143	0.000829	0.000829	0.00000636	0.0112	0.0185	0.22	0.0236	0.00000754	40.6	0.0000539	0.00531	0.000375	0.00344
2036 Aug	916	1.22	6.73	0.0766	385	0.174	177	0.000876	0.000876	0.00000712	0.0127	0.0236	0.27	0.0272	0.00000857	48.4	0.0000632	0.00652	0.000445	0.00414
2036 Sep	1670	2.22	12.4	0.14	702	0.308	336	0.000671	0.000671	0.00000862	0.0167	0.0295	0.508	0.039	0.0000114	81.4	0.000101	0.0123	0.000734	0.00725
2036 Oct	1700	2.27	12.6	0.142	713	0.32	347	0.000603	0.000603	0.00000843	0.0168	0.0211	0.523	0.04	0.0000113	83.9	0.000101	0.0127	0.000749	0.00748
2036 Nov	1620	2.17	11.9	0.135	679	0.307	331	0.000614	0.000614	0.00000823	0.0164	0.0186	0.498	0.0389	0.000011	80.7	0.0000963	0.0121	0.000719	0.00717
2036 Dec	1530	2.05	11.2	0.127	640	0.292	311	0.000634	0.000634	0.00000803	0.0159	0.0171	0.47	0.0376	0.0000106	76.9	0.0000914	0.0114	0.000684	0.00681
2037 Jan	1510	2.03	11.1	0.126	633	0.289	308	0.000638	0.000638	0.00000799	0.0158	0.017	0.465	0.0376	0.0000105	76.4	0.0000906	0.0113	0.000682	0.00675
2037 Feb	1510	2.02	11.1	0.125	630	0.288	307	0.00064	0.00064	0.00000798	0.0158	0.0169	0.463	0.0378	0.0000105	76.3	0.0000903	0.0112	0.000685	0.00673
2037 Mar	1500	2.01	11.1	0.125	630	0.288	306	0.000642	0.000642	0.00000799	0.0158	0.0169	0.462	0.038	0.0000105	76.4	0.0000902	0.0112	0.000688	0.00672
2037 Apr	1510	2.02	11.1	0.126	632	0.289	307	0.000646	0.000646	0.00000802	0.0158	0.0169	0.464	0.0382	0.0000106	76.8	0.0000906	0.0112	0.000692	0.00675
2037 May	1210	1.61	8.73	0.0991	502	0.232	244	0.000727	0.000727	0.00000741	0.0139	0.0137	0.367	0.0394	0.00000941	67.9	0.000076	0.00895	0.00069	0.00559
2037 Jun	698	0.901	4.79	0.0546	282	0.136	139	0.000775	0.000775	0.00000599	0.0102	0.00764	0.208	0.0369	0.00000711	49.9	0.0000507	0.00517	0.000618	0.00357

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	767	0.988	5.28	0.0601	310	0.15	154	0.000812	0.000812	0.00000641	0.011	0.00808	0.231	0.0388	0.00000766	53.7	0.0000554	0.00573	0.000654	0.0039
2037 Aug	842	1.08	5.81	0.0661	340	0.165	170	0.00085	0.00085	0.00000685	0.0118	0.00865	0.256	0.0413	0.00000823	58.1	0.0000603	0.00633	0.0007	0.00426
2037 Sep	898	1.16	6.2	0.0706	363	0.176	183	0.000866	0.000866	0.00000713	0.0124	0.009	0.275	0.0428	0.00000861	61.1	0.0000637	0.00678	0.000728	0.00453
2037 Oct	907	1.17	6.27	0.0713	366	0.179	186	0.000839	0.000839	0.00000705	0.0124	0.00876	0.279	0.0417	0.00000856	60.8	0.0000639	0.00689	0.000711	0.00456
2037 Nov	902	1.16	6.24	0.071	364	0.179	185	0.00084	0.00084	0.00000704	0.0124	0.00868	0.278	0.0414	0.00000854	60.5	0.0000637	0.00686	0.000704	0.00455
2037 Dec	902	1.16	6.23	0.0709	364	0.179	185	0.000841	0.000841	0.00000704	0.0124	0.00867	0.278	0.0414	0.00000855	60.5	0.0000636	0.00686	0.000704	0.00455
2038 Jan	901	1.16	6.23	0.0709	364	0.179	185	0.000841	0.000841	0.00000704	0.0124	0.00866	0.278	0.0414	0.00000854	60.4	0.0000636	0.00685	0.000704	0.00455
2038 Feb	901	1.16	6.22	0.0708	364	0.179	185	0.000841	0.000841	0.00000704	0.0124	0.00866	0.278	0.0414	0.00000854	60.4	0.0000636	0.00685	0.000704	0.00454
2038 Mar	901	1.16	6.22	0.0708	364	0.179	185	0.000842	0.000842	0.00000704	0.0124	0.00866	0.278	0.0415	0.00000854	60.5	0.0000636	0.00685	0.000705	0.00454
2038 Apr	904	1.16	6.24	0.0711	365	0.179	186	0.000845	0.000845	0.00000707	0.0124	0.00869	0.279	0.0416	0.00000857	60.7	0.0000638	0.00687	0.000707	0.00456
2038 May	870	1.12	5.97	0.068	350	0.173	178	0.000869	0.000869	0.00000706	0.0123	0.00842	0.267	0.0423	0.0000085	60.1	0.0000623	0.0066	0.000716	0.00444
2038 Jun	587	0.739	3.84	0.044	231	0.118	117	0.000872	0.000872	0.00000611	0.01	0.00594	0.175	0.04	0.00000704	48.9	0.0000469	0.00439	0.000658	0.00324
2038 Jul	640	0.805	4.19	0.048	252	0.128	128	0.000941	0.000941	0.00000663	0.0109	0.00644	0.191	0.0432	0.00000764	53.1	0.000051	0.0048	0.000712	0.00353
2038 Aug	700	0.88	4.59	0.0526	276	0.141	141	0.001	0.001	0.00000712	0.0117	0.00697	0.211	0.0464	0.00000825	57.5	0.0000555	0.00529	0.000766	0.00386
2038 Sep	721	0.905	4.74	0.0542	284	0.146	146	0.000995	0.000995	0.00000718	0.0119	0.00705	0.219	0.0465	0.00000835	58.5	0.0000568	0.00549	0.00077	0.00396
2038 Oct	717	0.901	4.71	0.0539	282	0.146	147	0.000979	0.000979	0.0000071	0.0118	0.00694	0.22	0.0455	0.00000828	57.8	0.0000564	0.00549	0.000753	0.00394
2038 Nov	720	0.905	4.73	0.0541	283	0.147	147	0.00098	0.00098	0.00000713	0.0119	0.00696	0.221	0.0456	0.0000083	58	0.0000567	0.00552	0.000754	0.00396
2038 Dec	721	0.906	4.74	0.0542	283	0.147	148	0.00098	0.00098	0.00000713	0.0119	0.00695	0.221	0.0456	0.00000831	58	0.0000567	0.00552	0.000754	0.00396
2039 Jan	721	0.905	4.73	0.0541	283	0.147	148	0.00098	0.00098	0.00000713	0.0119	0.00695	0.221	0.0456	0.00000831	58	0.0000567	0.00552	0.000754	0.00396
2039 Feb	720	0.905	4.73	0.0541	283	0.147	148	0.00098	0.00098	0.00000713	0.0119	0.00695	0.221	0.0456	0.00000831	58	0.0000567	0.00552	0.000754	0.00396
2039 Mar	721	0.906	4.74	0.0542	283	0.147	148	0.000981	0.000981	0.00000713	0.0119	0.00696	0.221	0.0456	0.00000831	58	0.0000567	0.00552	0.000755	0.00397
2039 Apr	723	0.909	4.75	0.0544	284	0.148	148	0.000985	0.000985	0.00000716	0.0119	0.00698	0.222	0.0458	0.00000834	58.2	0.0000569	0.00554	0.000758	0.00398
2039 May	737	0.926	4.84	0.0554	290	0.15	151	0.001	0.001	0.00000729	0.0121	0.00711	0.226	0.0466	0.00000849	59.3	0.000058	0.00564	0.000772	0.00405
2039 Jun	618	0.762	4.02	0.046	239	0.131	131	0.000929	0.000929	0.00000663	0.011	0.00581	0.197	0.0377	0.00000767	49.4	0.0000521	0.00489	0.000617	0.00348
2039 Jul	526	0.642	3.39	0.0389	202	0.115	112	0.000892	0.000892	0.00000615	0.0101	0.00495	0.17	0.0325	0.00000705	42.5	0.0000461	0.0042	0.000521	0.00303
2039 Aug	527	0.639	3.38	0.0389	202	0.117	113	0.000915	0.000915	0.00000629	0.0101	0.00494	0.172	0.0324	0.00000719	42.6	0.0000459	0.00423	0.000515	0.00306
2039 Sep	548	0.664	3.52	0.0404	210	0.122	118	0.000931	0.000931	0.00000645	0.0104	0.0051	0.179	0.0333	0.0000074	44	0.0000475	0.00442	0.00053	0.00318
2039 Oct	552	0.669	3.54	0.0407	211	0.123	120	0.000924	0.000924	0.00000644	0.0104	0.00511	0.181	0.0332	0.0000074	44.1	0.0000477	0.00447	0.000529	0.0032
2039 Nov	554	0.672	3.56	0.0409	212	0.124	120	0.000927	0.000927	0.00000646	0.0105	0.00513	0.182	0.0333	0.00000742	44.3	0.0000479	0.00449	0.000531	0.00322
2039 Dec	554	0.672	3.56	0.0409	212	0.124	120	0.000927	0.000927	0.00000646	0.0105	0.00513	0.182	0.0333	0.00000743	44.3	0.0000479	0.0045	0.000531	0.00322
2040 Jan	554	0.672	3.56	0.0409	212	0.124	120	0.000927	0.000927	0.00000646	0.0105	0.00513	0.182	0.0333	0.00000743	44.3	0.0000479	0.0045	0.000531	0.00322
2040 Feb	555	0.672	3.56	0.0409	212	0.124	120	0.000927	0.000927	0.00000646	0.0105	0.00513	0.182	0.0333	0.00000743	44.3	0.0000479	0.0045	0.000531	0.00322
2040 Mar	555	0.673	3.56	0.041	212	0.124	120	0.000928	0.000928	0.00000647	0.0105	0.00514	0.183	0.0334	0.00000744	44.4	0.000048	0.0045	0.000532	0.00322
2040 Apr	557	0.675	3.57	0.0411	213	0.125	121	0.000931	0.000931	0.00000649	0.0105	0.00515	0.183	0.0335	0.00000746	44.5	0.0000481	0.00451	0.000534	0.00323
2040 May	563	0.682	3.61	0.0415	215	0.126	122	0.000946	0.000946	0.00000658	0.0106	0.00521	0.185	0.0341	0.00000756	45.2	0.0000487	0.00456	0.000543	0.00327
2040 Jun	476	0.571	2.99	0.0345	180	0.107	102	0.000912	0.000912	0.0000061	0.00971	0.00452	0.155	0.0325	0.00000691	40.9	0.0000432	0.00384	0.000514	0.00285
2040 Jul	496	0.594	3.12	0.0359	188	0.112	107	0.000938	0.000938	0.0000063	0.0101	0.00469	0.162	0.0335	0.00000716	42.5	0.000045	0.00402	0.000531	0.00297
2040 Aug	523	0.625	3.28	0.0378	197	0.118	114	0.000967	0.000967	0.00000655	0.0105	0.00491	0.172	0.0348	0.00000746	44.5	0.0000472	0.00427	0.000553	0.00313
2040 Sep	537	0.641	3.37	0.0388	202	0.122	118	0.00097	0.00097	0.00000663	0.0106	0.00501	0.178	0.0352	0.00000757	45.4	0.0000483	0.00441	0.000561	0.00322
2040 Oct	543	0.648	3.41	0.0392	205	0.123	119	0.000974	0.000974	0.00000668	0.0107	0.00506	0.181	0.0354	0.00000763	45.9	0.0000488	0.00447	0.000565	0.00325
2040 Nov	546	0.651	3.43	0.0394	206	0.124	120	0.000977	0.000977	0.0000067	0.0108	0.00508	0.182	0.0356	0.00000766	46.1	0.0000491	0.0045	0.000568	0.00327
2040 Dec	546	0.652	3.43	0.0395	206	0.124	120	0.000977	0.000977	0.0000067	0.0108	0.00508	0.182	0.0356	0.00000767	46.1	0.0000491	0.00451	0.000568	0.00327
2041 Jan	546	0.652	3.43	0.0395	206	0.124	120	0.000977	0.000977	0.0000067	0.0108	0.00508	0.182	0.0356	0.00000767	46.1	0.0000491	0.00451	0.000568	0.00328
2041 Feb	546	0.652	3.43	0.0395	206	0.124	120	0.000977	0.000977	0.0000067	0.0108	0.00508	0.182	0.0356	0.00000767	46.1	0.0000491	0.00451	0.000568	0.00328
2041 Mar	547	0.652	3.43	0.0395	206	0.124	120	0.000978	0.000978	0.00000671	0.0108	0.00509	0.182	0.0356	0.00000767	46.2	0.0000491	0.00451	0.000569	0.00328
2041 Apr	548	0.654	3.44	0.0396	206	0.125	121	0.00098	0.00098	0.00000673	0.0108	0.0051	0.183	0.0357	0.00000769	46.3	0.0000492	0.00452	0.00057	0.00329
2041 May	561	0.668	3.52	0.0405	211	0.128	124	0.000988	0.000988	0.00000682	0.011	0.0052	0.188	0.0362	0.00000781	47.2	0.0000503	0.00465	0.00058	0.00336
2041 Jun	510	0.598	3.14	0.0366	188	0.117	116	0.00122	0.000965	0.00000651	0.0104	0.00497	0.172	0.033	0.00000746	44.1	0.0000471	0.00423	0.000524	0.00307
2041 Jul	469	0.54	2.83	0.0337	170	0.107	110	0.00156	0.000937	0.00000619	0.00984	0.00492	0.158	0.0303	0.00000712	42	0.0000438	0.00386	0.000479	0.0028
2041 Aug	507	0.571	2.98	0.0365	178	0.113	127	0.00237	0.001	0.00000658	0.0103	0.00589	0.17	0.0317	0.00000768	47.3	0.0000463	0.00411	0.000507	0.00296
2041 Sep	546	0.585	3.02	0.0396	181	0.117	151	0.00399	0.00106	0.00000685	0.0105	0.00752	0.18	0.0321	0.00000824	54.8	0.0000474	0.00429	0.000522	0.00302
2041 Oct	554	0.588	3.04	0.0402	181	0.118	156	0.0043	0.00107	0.00000688	0.0106	0.00784	0.183	0.0321	0.00000833	56.4	0.0000477	0.00435	0.000524	0.00304
2041 Nov	558	0.592	3.06	0.0405	182	0.118	158	0.00434	0.00107	0.00000691	0.0106	0.0079	0.185	0.0322	0.00000838	56.8	0.000048	0.00438	0.000527	0.00306
2041 Dec	559	0.592	3.06	0.0405	182	0.119	158	0.00434	0.00107	0.00000692	0.0106	0.00791	0.185	0.0322	0.00000838	56.8	0.000048	0.00439	0.000527	0.00306
2042 Jan	559	0.592	3.06	0.0405	182	0.119	158	0.00435	0.00107	0.00000692	0.0106	0.00791	0.185	0.0322	0.00000838	56.8	0.000048	0.00439	0.000527	0.00306
2042 Feb	559	0.592	3.06	0.0406	182	0.119	158	0.00435	0.00107	0.00000692	0.0106	0.00791	0.185	0.0322	0.00000838	56.8	0.000048	0.00439	0.000527	0.00306
2042 Mar	559	0.593	3.06	0.0406	183	0.119	158	0.00435	0.00107	0.00000692	0.0106	0.00792	0.185	0.0322	0.00000839	56.9	0.0000481	0.00439	0.000527	0.00306
2042 Apr	562	0.596	3.08	0.0408	184	0.119	159	0.00437	0.00108	0.00000696	0.0107	0.00796	0.186	0.0324	0.00000843	57.2	0.0000483	0.00442	0.00053	0.00308
2042 May	573	0.608	3.14	0.0416	187	0.122	162	0.00445	0.0011	0.00000709	0.0109	0.00811	0.19	0.033	0.0000086	58.3	0.0000493	0.00451	0.000541	0.00314
2042 Jun	542	0.562	2.89	0.0394	172	0.114	159	0.00486	0.00109	0.0000069	0.0105	0.0082	0.178	0.0311	0.0000084	57.2	0.0000468	0.0042	0.000508	0.00293
2042 Jul	533	0.539	2.76	0.0387	165	0.11	161	0.0053	0.00109	0.00000683	0.0103	0.00849	0.175	0.03	0.00000838	57.8	0.0000457	0.00408	0.000492	0.00283
2042 Aug	550	0.533	2.7	0.0402	161	0.111	178	0.0066	0.00112	0.00000691	0.0102	0.00971	0.179	0.0295	0.00000868	63	0.0000453	0.00413	0.00049	0.00281
2042 Sep	575	0.529	2.66	0.0422	158	0.111	199	0.00818	0.00117	0.00000706	0.0101	0.0112	0.185	0.0292	0.00000909	69.4	0.0000453	0.00419	0.000494	0.0028
2042 Oct	577	0.527	2.65	0.0424	157	0.111	202	0.00837	0.00116	0.00000704	0.0101	0.0114	0.186	0.029	0.0000091	70.1	0.0000451	0.0042	0.000492	0.00279
2042 Nov	580	0.53	2.66	0.0426	158	0.112	203	0.00842	0.00117	0.00000707	0.0101	0.0115	0.187	0.0291	0.00000914	70.5	0.0000454	0.00423	0.000494	0.00281
2042 Dec	580	0.53	2.66	0.0426	158	0.112	203	0.00842	0.00117	0.00000707	0.0101	0.0115	0.187	0.0291	0.00000914	70.6	0.0000454	0.00423	0.000494	0.00281
2043 Jan	580	0.53	2.66	0.0426	158	0.112	203	0.00842	0.00117	0.00000707	0.0101	0.0115	0.187	0.0291	0.00000915	70.6	0.0000454	0.00423	0.000495	0.00281
2043 Feb	580	0.53	2.66	0.0426	158	0.112	204	0.00843	0.00117	0.00000707	0.0101	0.0115	0.187	0.0291	0.00000915	70.6	0.0000454	0.00423	0.000495	0.00281
2043 Mar	581	0.53	2.66	0.0426	158	0.112	204	0.00843	0.00117	0.00000707	0.0101	0.0115	0.187	0.0291	0.00000915	70.6	0.0000454	0.00423	0.000495	0.00281
2043 Apr	583	0.532	2.67	0.0428	159	0.113	204	0.00847	0.00117	0.0000071	0.0102	0.0115	0.188	0.0292	0.00000919	70.9	0.0000456	0.00425	0.000497	0.00283
2043 May	593	0.541	2.72	0.0435	161	0.115	208	0.00862	0.0012	0.00000723	0.0104	0.0117	0.191	0.0298	0.00000935	72.2	0.0000464	0.00432	0.000506	0.00287
2043 Jun	563	0.501	2.49	0.0413	148	0.107	202	0.00878	0.00118	0.00000702	0.00994	0.0116	0.179	0.0291	0.0000091	71.2	0.0000439	0.00403	0.000495	0.00269
2043 Jul	591	0.521	2.59	0.0434	154	0.112	214	0.00939	0.00124	0.00000734	0.0104	0.0124	0.189	0.0303	0.00000955	75.2	0.0000459	0.00423	0.000517	0.00282
2043 Aug	640	0.541	2.67	0.0472	159	0.117	243	0.0113	0.00133	0.0000078	0.0108	0.0143	0.202	0.0314	0.0000103	84.5	0.0000479	0.00446	0.000544	0.00292
2043 Sep	662	0.548	2.69	0.0489	160	0.119	257	0.0121	0.00137	0.00000796	0.0109	0.0152	0.209	0.0317	0.0000107	88.8	0.0000487	0.00459	0.000554	0.00297
2043 Oct	665	0.547	2.68	0.0491	159	0.12	260	0.0123	0.00136	0.00000795	0.0109	0.0154	0.211	0.0315	0.0000107	89.5	0.0000488	0.00462	0.000553	0.00298
2043 Nov	663	0.544	2.66	0.0489	158	0.12	260	0.0123	0.00136	0.00000793	0.0109	0.0154	0.21	0.0314	0.0000107	89.4	0.0000486	0.0046	0.00055	0.00297

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Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	663	0.544	2.66	0.0489	158	0.12	260	0.0123	0.00136	0.00000793	0.0109	0.0154	0.21	0.0314	0.0000107	89.5	0.0000486	0.00461	0.00055	0.00297
2044 Jan	663	0.544	2.66	0.0489	158	0.12	260	0.0123	0.00136	0.00000793	0.0109	0.0154	0.21	0.0314	0.0000107	89.5	0.0000486	0.00461	0.00055	0.00297
2044 Feb	663	0.544	2.66	0.0489	158	0.12	260	0.0123	0.00136	0.00000793	0.0109	0.0154	0.21	0.0314	0.0000107	89.5	0.0000486	0.00461	0.00055	0.00297
2044 Mar	664	0.544	2.66	0.0489	158	0.12	260	0.0124	0.00136	0.00000794	0.0109	0.0154	0.21	0.0314	0.0000107	89.6	0.0000486	0.00461	0.000551	0.00297
2044 Apr	665	0.545	2.67	0.049	159	0.12	261	0.0124	0.00137	0.00000795	0.0109	0.0154	0.211	0.0315	0.0000107	89.8	0.0000487	0.00462	0.000552	0.00298
2044 May	674	0.553	2.7	0.0497	161	0.122	264	0.0125	0.00138	0.00000806	0.0111	0.0156	0.213	0.0319	0.0000109	91	0.0000494	0.00468	0.000559	0.00302
2044 Jun	627	0.502	2.44	0.0463	145	0.112	250	0.0122	0.00133	0.00000765	0.0104	0.015	0.197	0.0295	0.0000103	86.4	0.000046	0.0043	0.000517	0.00277
2044 Jul	642	0.509	2.47	0.0474	147	0.114	258	0.0127	0.00137	0.00000784	0.0107	0.0155	0.202	0.03	0.0000106	89	0.000047	0.00439	0.000527	0.00282
2044 Aug	695	0.538	2.6	0.0514	155	0.122	286	0.0143	0.00147	0.00000838	0.0113	0.0173	0.218	0.0317	0.0000115	98.1	0.00005	0.00471	0.000562	0.003
2044 Sep	700	0.534	2.58	0.0517	153	0.123	292	0.0146	0.00146	0.00000834	0.0112	0.0176	0.222	0.0313	0.0000115	99.5	0.00005	0.00478	0.000559	0.00301
2044 Oct	701	0.533	2.58	0.0517	153	0.124	293	0.0146	0.00145	0.00000831	0.0112	0.0176	0.224	0.0311	0.0000115	99.5	0.0000501	0.00483	0.000559	0.00303
2044 Nov	703	0.534	2.58	0.0517	153	0.124	294	0.0146	0.00145	0.00000832	0.0112	0.0176	0.225	0.0312	0.0000115	99.7	0.0000502	0.00484	0.000559	0.00304
2044 Dec	703	0.534	2.58	0.0517	153	0.124	294	0.0146	0.00145	0.00000832	0.0112	0.0176	0.225	0.0312	0.0000115	99.7	0.0000503	0.00485	0.00056	0.00304
2045 Jan	703	0.534	2.58	0.0517	153	0.124	294	0.0146	0.00145	0.00000832	0.0112	0.0176	0.225	0.0312	0.0000115	99.7	0.0000503	0.00485	0.00056	0.00304
2045 Feb	703	0.534	2.58	0.0517	153	0.124	294	0.0146	0.00145	0.00000832	0.0112	0.0176	0.225	0.0312	0.0000115	99.7	0.0000503	0.00485	0.00056	0.00304
2045 Mar	703	0.535	2.58	0.0518	153	0.124	294	0.0146	0.00145	0.00000833	0.0112	0.0176	0.225	0.0312	0.0000115	99.8	0.0000503	0.00485	0.00056	0.00304
2045 Apr	705	0.536	2.59	0.0519	153	0.125	295	0.0147	0.00145	0.00000834	0.0112	0.0177	0.225	0.0313	0.0000115	100	0.0000504	0.00486	0.000561	0.00305
2045 May	713	0.542	2.62	0.0525	155	0.126	298	0.0148	0.00147	0.00000845	0.0114	0.0179	0.228	0.0317	0.0000117	101	0.000051	0.00492	0.000568	0.00308
2045 Jun	693	0.523	2.54	0.0505	150	0.126	291	0.0141	0.00142	0.00000822	0.0112	0.0172	0.227	0.0307	0.0000113	97.7	0.0000507	0.00493	0.000551	0.00308
2045 Jul	700	0.526	2.55	0.0509	151	0.128	295	0.0143	0.00143	0.00000834	0.0114	0.0174	0.231	0.0309	0.0000115	98.8	0.0000517	0.00502	0.000556	0.00313
2045 Aug	730	0.547	2.65	0.053	157	0.134	308	0.0149	0.00148	0.00000865	0.0118	0.0181	0.243	0.0321	0.0000119	103	0.0000539	0.00526	0.000578	0.00327
2045 Sep	746	0.554	2.69	0.054	159	0.138	317	0.0152	0.00149	0.00000874	0.0119	0.0185	0.25	0.0323	0.0000121	105	0.0000549	0.00543	0.000586	0.00335
2045 Oct	756	0.56	2.72	0.0546	161	0.14	322	0.0154	0.0015	0.00000881	0.012	0.0188	0.255	0.0326	0.0000122	107	0.0000557	0.00554	0.000593	0.0034
2045 Nov	758	0.562	2.73	0.0548	161	0.141	323	0.0155	0.0015	0.00000883	0.0121	0.0188	0.256	0.0327	0.0000123	107	0.0000559	0.00556	0.000595	0.00342
2045 Dec	759	0.562	2.73	0.0548	161	0.141	323	0.0155	0.0015	0.00000884	0.0121	0.0188	0.256	0.0327	0.0000123	107	0.000056	0.00557	0.000595	0.00342
2046 Jan	759	0.562	2.73	0.0548	161	0.141	323	0.0155	0.0015	0.00000884	0.0121	0.0188	0.256	0.0327	0.0000123	107	0.000056	0.00557	0.000595	0.00342
2046 Feb	759	0.562	2.73	0.0548	161	0.141	323	0.0155	0.0015	0.00000884	0.0121	0.0189	0.256	0.0327	0.0000123	107	0.000056	0.00557	0.000595	0.00342
2046 Mar	760	0.563	2.73	0.0548	161	0.141	324	0.0155	0.0015	0.00000885	0.0121	0.0189	0.256	0.0327	0.0000123	107	0.000056	0.00558	0.000596	0.00343
2046 Apr	763	0.565	2.75	0.0551	162	0.142	325	0.0155	0.00151	0.00000888	0.0121	0.0189	0.258	0.0329	0.0000123	108	0.0000563	0.0056	0.000599	0.00344
2046 May	774	0.573	2.78	0.0558	164	0.144	330	0.0157	0.00153	0.00000901	0.0123	0.0192	0.261	0.0333	0.0000125	109	0.0000571	0.00568	0.000607	0.00349
2046 Jun	719	0.528	2.57	0.0515	152	0.137	308	0.0145	0.00144	0.00000852	0.0117	0.0178	0.247	0.0311	0.0000118	102	0.0000544	0.00538	0.000566	0.00331
2046 Jul	686	0.5	2.43	0.049	144	0.131	295	0.0139	0.00139	0.00000821	0.0113	0.017	0.237	0.0297	0.0000113	97.1	0.0000526	0.00517	0.000539	0.00318
2046 Aug	722	0.522	2.54	0.0513	150	0.139	311	0.0145	0.00143	0.00000854	0.0118	0.0178	0.252	0.0309	0.0000118	102	0.0000553	0.00551	0.000564	0.00336
2046 Sep	726	0.523	2.55	0.0512	150	0.143	314	0.0144	0.00141	0.00000849	0.0118	0.0178	0.259	0.0308	0.0000118	102	0.000056	0.00567	0.000566	0.00344
2046 Oct	724	0.521	2.55	0.0508	150	0.144	314	0.0142	0.00138	0.00000841	0.0118	0.0177	0.261	0.0307	0.0000117	102	0.0000562	0.00574	0.000565	0.00347
2046 Nov	726	0.522	2.56	0.0509	150	0.145	315	0.0142	0.00138	0.00000842	0.0118	0.0177	0.263	0.0307	0.0000117	102	0.0000565	0.00578	0.000566	0.00349
2046 Dec	726	0.523	2.56	0.0509	150	0.146	315	0.0142	0.00138	0.00000842	0.0118	0.0177	0.263	0.0308	0.0000117	102	0.0000565	0.00578	0.000567	0.0035
2047 Jan	727	0.523	2.56	0.0509	151	0.146	315	0.0142	0.00138	0.00000843	0.0118	0.0177	0.263	0.0308	0.0000117	102	0.0000565	0.00578	0.000567	0.0035
2047 Feb	727	0.523	2.56	0.0509	151	0.146	315	0.0142	0.00138	0.00000843	0.0118	0.0177	0.263	0.0308	0.0000117	102	0.0000565	0.00579	0.000567	0.0035
2047 Mar	728	0.524	2.56	0.051	151	0.146	316	0.0142	0.00138	0.00000844	0.0118	0.0177	0.264	0.0308	0.0000118	102	0.0000566	0.0058	0.000568	0.00351
2047 Apr	729	0.525	2.57	0.0511	151	0.146	316	0.0142	0.00139	0.00000846	0.0119	0.0177	0.264	0.0309	0.0000118	102	0.0000568	0.00581	0.000569	0.00351
2047 May	732	0.526	2.58	0.0512	152	0.147	317	0.0142	0.00139	0.0000085	0.0119	0.0178	0.266	0.0312	0.0000118	102	0.0000571	0.00585	0.000575	0.00354
2047 Jun	689	0.494	2.41	0.0476	142	0.141	298	0.0132	0.00132	0.00000812	0.0114	0.0166	0.253	0.0312	0.0000112	97.2	0.0000549	0.0056	0.000571	0.00342
2047 Jul	726	0.518	2.53	0.05	150	0.149	315	0.0138	0.00138	0.00000851	0.012	0.0174	0.268	0.0327	0.0000118	102	0.0000579	0.00594	0.0006	0.00362
2047 Aug	772	0.548	2.68	0.0528	158	0.161	336	0.0145	0.00143	0.00000893	0.0127	0.0184	0.29	0.0344	0.0000124	108	0.0000619	0.00643	0.000636	0.0039
2047 Sep	785	0.554	2.72	0.0532	160	0.167	344	0.0145	0.00141	0.00000895	0.0128	0.0186	0.301	0.0347	0.0000125	110	0.0000635	0.0067	0.000646	0.00403
2047 Oct	780	0.55	2.7	0.0526	159	0.168	341	0.0142	0.00139	0.00000885	0.0127	0.0183	0.302	0.0344	0.0000124	108	0.0000634	0.00673	0.000642	0.00405
2047 Nov	779	0.55	2.7	0.0524	159	0.168	341	0.0141	0.00138	0.00000884	0.0127	0.0183	0.302	0.0344	0.0000124	108	0.0000635	0.00675	0.000641	0.00405
2047 Dec	779	0.55	2.7	0.0525	159	0.168	341	0.0141	0.00138	0.00000884	0.0127	0.0183	0.302	0.0344	0.0000124	108	0.0000635	0.00675	0.000641	0.00406
2048 Jan	779	0.55	2.7	0.0525	159	0.168	341	0.0141	0.00138	0.00000884	0.0127	0.0183	0.303	0.0344	0.0000124	108	0.0000635	0.00676	0.000642	0.00406
2048 Feb	779	0.55	2.7	0.0525	159	0.169	341	0.0141	0.00138	0.00000884	0.0127	0.0183	0.303	0.0344	0.0000124	108	0.0000635	0.00676	0.000642	0.00406
2048 Mar	780	0.55	2.7	0.0525	159	0.169	341	0.0141	0.00138	0.00000885	0.0127	0.0183	0.303	0.0345	0.0000124	108	0.0000636	0.00676	0.000642	0.00406
2048 Apr	782	0.552	2.71	0.0526	160	0.169	342	0.0142	0.00139	0.00000887	0.0128	0.0183	0.304	0.0346	0.0000124	109	0.0000638	0.00678	0.000644	0.00408
2048 May	793	0.56	2.75	0.0534	162	0.171	347	0.0144	0.0014	0.000009	0.0129	0.0186	0.308	0.035	0.0000126	110	0.0000647	0.00688	0.000653	0.00413
2048 Jun	733	0.515	2.53	0.0491	149	0.16	321	0.0132	0.00133	0.0000085	0.0123	0.0171	0.287	0.0328	0.0000118	102	0.000061	0.00642	0.000607	0.00387
2048 Jul	705	0.492	2.42	0.0469	143	0.156	309	0.0126	0.00129	0.00000829	0.012	0.0164	0.278	0.0317	0.0000115	98	0.0000595	0.00623	0.000585	0.00376
2048 Aug	733	0.508	2.51	0.0483	148	0.165	323	0.0129	0.00131	0.00000851	0.0124	0.0169	0.295	0.0327	0.0000118	102	0.0000624	0.00663	0.000607	0.00398
2048 Sep	742	0.512	2.53	0.0485	149	0.17	328	0.0128	0.00129	0.00000854	0.0125	0.017	0.304	0.0329	0.0000119	102	0.0000637	0.00684	0.000615	0.00409
2048 Oct	740	0.51	2.52	0.0482	149	0.171	328	0.0127	0.00128	0.00000849	0.0125	0.0169	0.305	0.0328	0.0000118	102	0.0000637	0.00687	0.000614	0.0041
2048 Nov	741	0.511	2.53	0.0482	149	0.172	328	0.0127	0.00128	0.00000849	0.0125	0.0169	0.306	0.0329	0.0000118	102	0.0000639	0.0069	0.000615	0.00412
2048 Dec	741	0.511	2.53	0.0482	149	0.172	328	0.0127	0.00128	0.00000849	0.0125	0.0169	0.306	0.0329	0.0000118	102	0.0000639	0.0069	0.000615	0.00412
2049 Jan	741	0.511	2.53	0.0482	149	0.172	328	0.0127	0.00128	0.0000085	0.0125	0.0169	0.306	0.0329	0.0000118	102	0.0000639	0.0069	0.000615	0.00412
2049 Feb	741	0.511	2.53	0.0482	149	0.172	328	0.0127	0.00128	0.0000085	0.0125	0.0169	0.306	0.0329	0.0000118	102	0.0000639	0.0069	0.000615	0.00412
2049 Mar	742	0.511	2.53	0.0483	149	0.172	329	0.0127	0.00128	0.0000085	0.0125	0.0169	0.306	0.0329	0.0000119	102	0.000064	0.00691	0.000615	0.00412
2049 Apr	744	0.513	2.54	0.0484	149	0.173	330	0.0127	0.00128	0.00000853	0.0126	0.017	0.307	0.033	0.0000119	102	0.0000642	0.00693	0.000617	0.00414
2049 May	755	0.52	2.57	0.0491	151	0.175	334	0.0129	0.0013	0.00000865	0.0128	0.0172	0.312	0.0335	0.0000121	104	0.0000651	0.00703	0.000626	0.00419
2049 Jun	693	0.475	2.35	0.0448	139	0.163	307	0.0118	0.00123	0.00000815	0.0121	0.0158	0.289	0.0311	0.0000113	95.5	0.0000611	0.00651	0.000579	0.0039
2049 Jul	680	0.464	2.3	0.0438	135	0.161	302	0.0115	0.00121	0.00000805	0.0119	0.0154	0.285	0.0307	0.0000111	93.7	0.0000605	0.00645	0.000569	0.00386
2049 Aug	724	0.491	2.43	0.0463	143	0.173	323	0.0121	0.00127	0.00000849	0.0126	0.0164	0.306	0.0324	0.0000118	99.6	0.0000646	0.00693	0.000604	0.00414
2049 Sep	734	0.494	2.45	0.0465	144	0.178	329	0.0121	0.00125	0.00000852	0.0128	0.0165	0.316	0.0327	0.0000118	101	0.000066	0.00716	0.000613	0.00426
2049 Oct	731	0.49	2.44	0.0461	143	0.179	328	0.012	0.00123	0.00000845	0.0127	0.0163	0.317	0.0325	0.0000118	100	0.000066	0.0072	0.000611	0.00428
2049 Nov	733	0.491	2.44	0.0461	143	0.18	329	0.0119	0.00123	0.00000846	0.0128	0.0163	0.319	0.0326	0.0000118	100	0.0000663	0.00725	0.000613	0.0043
2049 Dec	733	0.491	2.44	0.0461	144	0.18	329	0.0119	0.00123	0.00000846	0.0128	0.0163	0.32	0.0326	0.0000118	100	0.0000664	0.00726	0.000613	0.00431
2050 Jan	733	0.491	2.44	0.0461	144	0.18	329	0.0119	0.00123	0.00000847	0.0128	0.0163	0.32	0.0326	0.0000118	100	0.0000664	0.00726	0.000613	0.00431
2050 Feb	733	0.491	2.44	0.0461	144	0.181	330	0.0119	0.00123	0.00000847	0.0128	0.0163	0.32	0.0326	0.0000118	100	0.0000664	0.00726	0.000613	0.00431
2050 Mar	733	0.492	2.44	0.0461	144	0.181	330	0.0119	0.00123	0.00000847	0.0128	0.0163	0.32	0.0326	0.0000118	100	0.0000664	0.00726	0.000614	0.00431
2050 Apr	735	0.493	2.45	0.0462	144	0.181	330	0.0119	0.00123	0.00000849	0.0128	0.0164	0.321	0.0327	0.0000118	101	0.0000666	0.00728	0.000615	0.00432

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	743	0.498	2.48	0.0467	146	0.183	334	0.0121	0.00125	0.00000858	0.0129	0.0166	0.324	0.0331	0.000012	102	0.0000673	0.00736	0.000622	0.00437
2050 Jun	704	0.47	2.33	0.0441	137	0.175	317	0.0114	0.00121	0.00000827	0.0125	0.0157	0.308	0.0317	0.0000115	96.6	0.0000646	0.00701	0.000592	0.00417
2050 Jul	683	0.453	2.25	0.0426	133	0.171	308	0.0111	0.00118	0.00000807	0.0122	0.0152	0.301	0.0308	0.0000112	93.8	0.0000631	0.00684	0.000576	0.00407
2050 Aug	711	0.469	2.33	0.0441	137	0.179	322	0.0115	0.00121	0.00000835	0.0127	0.0158	0.316	0.0319	0.0000116	97.6	0.0000658	0.00718	0.000599	0.00426
2050 Sep	723	0.473	2.35	0.0446	138	0.183	329	0.0116	0.00121	0.00000843	0.0128	0.0161	0.324	0.0323	0.0000117	99.2	0.0000671	0.00738	0.000608	0.00437
2050 Oct	732	0.477	2.38	0.045	140	0.186	333	0.0117	0.00121	0.00000851	0.0129	0.0162	0.329	0.0326	0.0000118	100	0.0000681	0.0075	0.000616	0.00443
2050 Nov	735	0.479	2.39	0.0452	140	0.187	335	0.0117	0.00122	0.00000854	0.013	0.0163	0.332	0.0328	0.0000119	101	0.0000685	0.00755	0.000619	0.00446
2050 Dec	736	0.48	2.39	0.0452	140	0.188	336	0.0117	0.00122	0.00000854	0.013	0.0163	0.332	0.0328	0.0000119	101	0.0000685	0.00756	0.000619	0.00447
2051 Jan	736	0.48	2.39	0.0452	140	0.188	336	0.0117	0.00122	0.00000854	0.013	0.0163	0.332	0.0328	0.0000119	101	0.0000685	0.00756	0.00062	0.00447
2051 Feb	736	0.48	2.39	0.0452	140	0.188	336	0.0117	0.00122	0.00000854	0.013	0.0163	0.332	0.0328	0.0000119	101	0.0000685	0.00756	0.00062	0.00447
2051 Mar	736	0.48	2.39	0.0452	140	0.188	336	0.0117	0.00122	0.00000855	0.013	0.0163	0.332	0.0328	0.0000119	101	0.0000686	0.00757	0.00062	0.00447
2051 Apr	739	0.482	2.4	0.0454	141	0.188	337	0.0118	0.00122	0.00000858	0.0131	0.0164	0.333	0.0329	0.000012	101	0.0000688	0.00759	0.000622	0.00449
2051 May	749	0.488	2.43	0.0459	143	0.192	342	0.0119	0.00124	0.00000869	0.0133	0.0166	0.339	0.0335	0.0000121	103	0.0000699	0.00772	0.000632	0.00456
2051 Jun	676	0.433	2.15	0.0406	127	0.177	310	0.0105	0.00114	0.00000804	0.0123	0.0149	0.312	0.0315	0.0000111	93.4	0.000065	0.00713	0.000591	0.00424
2051 Jul	679	0.432	2.15	0.0406	127	0.179	312	0.0106	0.00114	0.00000809	0.0124	0.015	0.315	0.0316	0.0000112	93.9	0.0000655	0.0072	0.000594	0.00427
2051 Aug	703	0.44	2.19	0.0416	129	0.187	327	0.0109	0.00115	0.00000827	0.0127	0.0155	0.331	0.0324	0.0000115	97.5	0.000068	0.00757	0.000614	0.00447
2051 Sep	704	0.437	2.17	0.0413	128	0.19	329	0.0108	0.00113	0.00000824	0.0128	0.0155	0.335	0.0324	0.0000115	97.7	0.0000686	0.00769	0.000616	0.00453
2051 Oct	675	0.418	2.07	0.0393	122	0.185	316	0.0103	0.00109	0.00000793	0.0124	0.0148	0.325	0.0313	0.0000111	93.7	0.0000663	0.00745	0.000593	0.00439
2051 Nov	676	0.418	2.07	0.0392	122	0.185	317	0.0102	0.00108	0.00000794	0.0124	0.0148	0.326	0.0313	0.0000111	93.7	0.0000664	0.00747	0.000594	0.00441
2051 Dec	676	0.418	2.07	0.0393	122	0.185	317	0.0102	0.00108	0.00000794	0.0124	0.0148	0.326	0.0313	0.0000111	93.8	0.0000665	0.00748	0.000594	0.00441
2052 Jan	676	0.418	2.07	0.0393	122	0.185	317	0.0102	0.00108	0.00000794	0.0124	0.0148	0.326	0.0313	0.0000111	93.8	0.0000665	0.00748	0.000594	0.00441
2052 Feb	676	0.418	2.07	0.0393	122	0.186	317	0.0102	0.00108	0.00000794	0.0124	0.0148	0.326	0.0314	0.0000111	93.8	0.0000665	0.00748	0.000594	0.00441
2052 Mar	677	0.418	2.07	0.0393	122	0.186	317	0.0102	0.00108	0.00000795	0.0124	0.0148	0.326	0.0314	0.0000111	93.9	0.0000665	0.00749	0.000595	0.00442
2052 Apr	678	0.419	2.07	0.0394	122	0.186	318	0.0103	0.00109	0.00000797	0.0124	0.0149	0.327	0.0315	0.0000111	94.1	0.0000667	0.00751	0.000596	0.00442
2052 May	683	0.422	2.09	0.0396	123	0.187	320	0.0103	0.0011	0.00000803	0.0125	0.015	0.329	0.0317	0.0000112	94.8	0.0000672	0.00756	0.000601	0.00446
2052 Jun	669	0.412	2.03	0.0387	120	0.185	314	0.0101	0.00109	0.00000794	0.0124	0.0147	0.324	0.0315	0.000011	93.2	0.0000663	0.00744	0.000596	0.0044
2052 Jul	684	0.417	2.06	0.0393	122	0.19	322	0.0103	0.0011	0.00000811	0.0127	0.015	0.333	0.0322	0.0000113	95.4	0.000068	0.00766	0.00061	0.00452
2052 Aug	709	0.428	2.11	0.0404	125	0.199	336	0.0106	0.00112	0.00000834	0.013	0.0156	0.349	0.0332	0.0000117	99	0.0000706	0.00802	0.000632	0.00472
2052 Sep	717	0.429	2.12	0.0406	125	0.203	342	0.0107	0.00112	0.00000839	0.0132	0.0157	0.356	0.0335	0.0000118	100	0.0000717	0.0082	0.00064	0.00481
2052 Oct	722	0.43	2.13	0.0407	125	0.205	345	0.0107	0.00111	0.00000842	0.0132	0.0158	0.36	0.0337	0.0000118	101	0.0000724	0.0083	0.000644	0.00487
2052 Nov	725	0.431	2.13	0.0408	126	0.206	346	0.0107	0.00112	0.00000844	0.0133	0.0159	0.362	0.0338	0.0000118	101	0.0000727	0.00833	0.000647	0.00489
2052 Dec	725	0.431	2.13	0.0408	126	0.206	346	0.0107	0.00112	0.00000845	0.0133	0.0159	0.362	0.0338	0.0000119	101	0.0000728	0.00834	0.000647	0.00489
2053 Jan	725	0.431	2.13	0.0408	126	0.206	346	0.0107	0.00112	0.00000845	0.0133	0.0159	0.362	0.0338	0.0000119	101	0.0000728	0.00835	0.000647	0.00489
2053 Feb	725	0.432	2.13	0.0408	126	0.206	346	0.0107	0.00112	0.00000845	0.0133	0.0159	0.363	0.0338	0.0000119	101	0.0000728	0.00835	0.000647	0.00489
2053 Mar	726	0.432	2.14	0.0409	126	0.207	347	0.0108	0.00112	0.00000846	0.0133	0.0159	0.363	0.0339	0.0000119	101	0.0000729	0.00836	0.000648	0.0049
2053 Apr	729	0.434	2.14	0.041	126	0.207	348	0.0108	0.00112	0.00000849	0.0134	0.016	0.364	0.034	0.0000119	102	0.0000732	0.00839	0.000651	0.00492
2053 May	731	0.433	2.14	0.0408	126	0.21	350	0.0107	0.00112	0.00000853	0.0135	0.0159	0.368	0.0346	0.000012	102	0.000074	0.0085	0.000662	0.00499
2053 Jun	678	0.397	1.95	0.0373	116	0.197	325	0.00982	0.00105	0.00000803	0.0127	0.0148	0.345	0.0333	0.0000112	95.7	0.0000696	0.00797	0.000635	0.0047
2053 Jul	704	0.408	2.01	0.0386	119	0.205	339	0.0102	0.00108	0.0000083	0.0131	0.0154	0.36	0.0345	0.0000116	99.5	0.0000724	0.00832	0.000659	0.00489
2053 Aug	753	0.427	2.1	0.0407	124	0.222	367	0.0109	0.00112	0.00000876	0.0139	0.0165	0.39	0.0365	0.0000123	107	0.0000777	0.00903	0.000704	0.00528
2053 Sep	781	0.44	2.17	0.0419	128	0.232	382	0.0112	0.00114	0.00000903	0.0144	0.017	0.408	0.0378	0.0000128	111	0.000081	0.00945	0.000731	0.00552
2053 Oct	791	0.444	2.19	0.0422	129	0.236	387	0.0112	0.00115	0.00000911	0.0146	0.0172	0.416	0.0382	0.0000129	112	0.0000822	0.00963	0.00074	0.00562
2053 Nov	791	0.444	2.19	0.0422	129	0.237	388	0.0112	0.00114	0.00000911	0.0146	0.0172	0.417	0.0382	0.0000129	112	0.0000823	0.00965	0.000741	0.00563
2053 Dec	792	0.444	2.19	0.0422	129	0.237	388	0.0112	0.00114	0.00000912	0.0146	0.0172	0.417	0.0383	0.0000129	112	0.0000824	0.00966	0.000741	0.00563
2054 Jan	792	0.444	2.19	0.0422	129	0.237	388	0.0112	0.00114	0.00000912	0.0146	0.0172	0.417	0.0383	0.0000129	112	0.0000824	0.00966	0.000741	0.00563
2054 Feb	792	0.444	2.19	0.0422	129	0.237	388	0.0112	0.00115	0.00000912	0.0146	0.0172	0.417	0.0383	0.0000129	112	0.0000824	0.00966	0.000742	0.00563
2054 Mar	792	0.444	2.19	0.0423	129	0.237	388	0.0112	0.00115	0.00000912	0.0146	0.0172	0.417	0.0383	0.0000129	112	0.0000824	0.00966	0.000742	0.00563
2054 Apr	795	0.445	2.2	0.0424	130	0.238	389	0.0113	0.00115	0.00000915	0.0146	0.0173	0.418	0.0384	0.0000129	112	0.0000827	0.0097	0.000744	0.00565
2054 May	802	0.45	2.22	0.0428	131	0.24	393	0.0114	0.00116	0.00000924	0.0148	0.0174	0.422	0.0388	0.0000131	114	0.0000835	0.00979	0.000752	0.00571
2054 Jun	741	0.412	2.02	0.0392	120	0.222	363	0.0105	0.0011	0.00000869	0.0139	0.0161	0.391	0.037	0.0000122	106	0.0000779	0.00906	0.000712	0.00531
2054 Jul	736	0.407	2	0.0388	119	0.222	362	0.0104	0.00109	0.00000865	0.0138	0.016	0.39	0.0368	0.0000122	105	0.0000777	0.00904	0.000708	0.0053
2054 Aug	752	0.412	2.02	0.0394	120	0.228	371	0.0106	0.0011	0.0000088	0.0141	0.0164	0.401	0.0374	0.0000124	107	0.0000795	0.0093	0.000723	0.00544
2054 Sep	762	0.414	2.03	0.0397	120	0.232	378	0.0108	0.00111	0.00000888	0.0142	0.0167	0.409	0.0378	0.0000125	109	0.0000807	0.00949	0.000732	0.00554
2054 Oct	760	0.411	2.01	0.0395	119	0.233	378	0.0107	0.0011	0.00000884	0.0142	0.0166	0.409	0.0377	0.0000125	109	0.0000807	0.0095	0.000731	0.00554
2054 Nov	759	0.41	2.01	0.0394	119	0.232	378	0.0107	0.00109	0.00000882	0.0142	0.0166	0.409	0.0376	0.0000125	109	0.0000806	0.00949	0.00073	0.00553
2054 Dec	759	0.41	2.01	0.0394	119	0.233	378	0.0107	0.00109	0.00000883	0.0142	0.0166	0.409	0.0376	0.0000125	109	0.0000806	0.0095	0.00073	0.00554
2055 Jan	759	0.41	2.01	0.0394	119	0.233	378	0.0107	0.00109	0.00000883	0.0142	0.0166	0.409	0.0376	0.0000125	109	0.0000806	0.0095	0.00073	0.00554
2055 Feb	759	0.41	2.01	0.0394	119	0.233	378	0.0107	0.00109	0.00000883	0.0142	0.0166	0.409	0.0376	0.0000125	109	0.0000806	0.0095	0.00073	0.00554
2055 Mar	760	0.41	2.01	0.0394	119	0.233	378	0.0107	0.00109	0.00000883	0.0142	0.0166	0.409	0.0377	0.0000125	109	0.0000807	0.00951	0.00073	0.00554
2055 Apr	762	0.411	2.01	0.0395	119	0.233	379	0.0107	0.0011	0.00000885	0.0142	0.0166	0.411	0.0378	0.0000125	109	0.0000809	0.00953	0.000732	0.00556
2055 May	770	0.415	2.04	0.0399	121	0.236	383	0.0108	0.00111	0.00000896	0.0144	0.0168	0.415	0.0382	0.0000127	110	0.0000818	0.00964	0.000741	0.00562
2055 Jun	707	0.376	1.84	0.0364	109	0.219	353	0.00997	0.00106	0.00000844	0.0136	0.0155	0.384	0.0355	0.0000119	102	0.0000764	0.00891	0.000684	0.00521
2055 Jul	702	0.37	1.81	0.036	108	0.218	351	0.00996	0.00106	0.00000844	0.0136	0.0154	0.382	0.0352	0.0000118	101	0.0000762	0.00886	0.000679	0.00518
2055 Aug	734	0.382	1.87	0.0375	111	0.228	369	0.0105	0.0011	0.00000877	0.0141	0.0162	0.4	0.0366	0.0000123	106	0.0000796	0.00929	0.000708	0.00542
2055 Sep	742	0.383	1.87	0.0377	111	0.231	375	0.0106	0.0011	0.00000883	0.0142	0.0165	0.407	0.0368	0.0000125	108	0.0000806	0.00945	0.000715	0.0055
2055 Oct	748	0.384	1.88	0.0379	111	0.234	379	0.0107	0.0011	0.00000888	0.0143	0.0166	0.411	0.0371	0.0000126	109	0.0000813	0.00955	0.000721	0.00555
2055 Nov	750	0.385	1.88	0.038	112	0.235	380	0.0107	0.0011	0.0000089	0.0143	0.0166	0.413	0.0372	0.0000126	109	0.0000816	0.00959	0.000723	0.00557
2055 Dec	750	0.385	1.88	0.038	112	0.235	380	0.0107	0.0011	0.0000089	0.0144	0.0166	0.413	0.0372	0.0000126	109	0.0000816	0.0096	0.000723	0.00558
2056 Jan	750	0.385	1.88	0.038	112	0.235	380	0.0107	0.0011	0.0000089	0.0144	0.0166	0.413	0.0372	0.0000126	109	0.0000817	0.0096	0.000723	0.00558
2056 Feb	750	0.385	1.88	0.038	112	0.235	380	0.0107	0.0011	0.0000089	0.0144	0.0166	0.414	0.0372	0.0000126	109	0.0000817	0.0096	0.000724	0.00558
2056 Mar	751	0.385	1.88	0.038	112	0.235	381	0.0107	0.0011	0.00000891	0.0144	0.0166	0.414	0.0372	0.0000126	109	0.0000817	0.0096	0.000724	0.00558
2056 Apr	753	0.386	1.89	0.0381	112	0.236	382	0.0107	0.0011	0.00000894	0.0144	0.0167	0.415	0.0374	0.0000126	109	0.000082	0.00963	0.000726	0.0056
2056 May	754	0.386	1.88	0.0381	112	0.236	382	0.0108	0.00111	0.00000898	0.0145	0.0167	0.415	0.0378	0.0000127	110	0.0000822	0.00964	0.000733	0.00561
2056 Jun	696	0.355	1.71	0.0349	103	0.218	353	0.00998	0.00106	0.00000845	0.0135	0.0155	0.383	0.0365	0.0000119	103	0.0000764	0.00889	0.000702	0.00522
2056 Jul	726	0.367	1.77	0.0363	106	0.228	368	0.0104	0.0011	0.00000878	0.0141	0.0162	0.4	0.0379	0.0000124	107	0.0000796	0.00929	0.000731	0.00544
2056 Aug	751	0.373	1.8	0.0373	108	0.237	385	0.0109	0.00112	0.00000903	0.0145	0.0169	0.417	0.039	0.0000128	111	0.0000825	0.00968	0.000755	0.00565
2056 Sep	776	0.38	1.83	0.0383	110	0.246	400	0.0112	0.00114	0.00000926	0.0149	0.0175	0.434	0.04	0.0000131	115	0.0000854	0.0101	0.00078	0.00587

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	771	0.376	1.81	0.0378	108	0.245	397	0.0111	0.00112	0.00000918	0.0148	0.0173	0.433	0.0397	0.000013	114	0.000085	0.0101	0.000774	0.00585
2056 Nov	770	0.375	1.81	0.0377	108	0.245	397	0.0111	0.00112	0.00000917	0.0148	0.0173	0.433	0.0397	0.000013	114	0.000085	0.0101	0.000774	0.00585
2056 Dec	770	0.375	1.81	0.0377	108	0.246	397	0.0111	0.00112	0.00000918	0.0148	0.0173	0.433	0.0397	0.000013	114	0.000085	0.0101	0.000774	0.00586
2057 Jan	770	0.375	1.81	0.0377	108	0.246	397	0.0111	0.00112	0.00000918	0.0148	0.0173	0.433	0.0397	0.000013	114	0.000085	0.0101	0.000774	0.00586
2057 Feb	770	0.375	1.81	0.0377	108	0.246	397	0.0111	0.00112	0.00000918	0.0148	0.0173	0.433	0.0397	0.000013	114	0.000085	0.0101	0.000775	0.00586
2057 Mar	771	0.376	1.81	0.0378	108	0.246	398	0.0111	0.00112	0.00000919	0.0148	0.0173	0.433	0.0398	0.000013	114	0.0000851	0.0101	0.000775	0.00586
2057 Apr	773	0.377	1.82	0.0379	109	0.247	399	0.0111	0.00112	0.00000922	0.0149	0.0174	0.435	0.0399	0.0000131	115	0.0000854	0.0101	0.000778	0.00588
2057 May	784	0.382	1.84	0.0384	110	0.25	405	0.0113	0.00114	0.00000935	0.0151	0.0176	0.441	0.0405	0.0000133	116	0.0000866	0.0102	0.000789	0.00596
2057 Jun	719	0.347	1.67	0.035	100	0.23	371	0.0104	0.00108	0.00000876	0.0141	0.0162	0.404	0.038	0.0000123	107	0.0000803	0.00941	0.000735	0.0055
2057 Jul	732	0.352	1.69	0.0356	101	0.235	379	0.0106	0.0011	0.00000893	0.0144	0.0165	0.413	0.0387	0.0000126	109	0.000082	0.00961	0.000749	0.00562
2057 Aug	787	0.371	1.78	0.0379	107	0.254	410	0.0114	0.00116	0.00000952	0.0154	0.0178	0.448	0.0413	0.0000135	118	0.0000882	0.0104	0.000803	0.00606
2057 Sep	805	0.377	1.81	0.0385	108	0.261	421	0.0116	0.00118	0.0000097	0.0157	0.0182	0.461	0.0421	0.0000138	121	0.0000905	0.0107	0.000822	0.00623
2057 Oct	805	0.376	1.8	0.0383	108	0.263	422	0.0115	0.00117	0.00000969	0.0157	0.0182	0.463	0.0421	0.0000138	121	0.0000908	0.0108	0.000823	0.00626
2057 Nov	807	0.376	1.8	0.0383	108	0.263	423	0.0115	0.00117	0.0000097	0.0157	0.0182	0.464	0.0422	0.0000138	121	0.000091	0.0108	0.000825	0.00628
2057 Dec	807	0.376	1.8	0.0383	108	0.264	423	0.0115	0.00117	0.0000097	0.0158	0.0182	0.465	0.0422	0.0000138	121	0.0000911	0.0108	0.000825	0.00628
2058 Jan	807	0.376	1.8	0.0383	108	0.264	423	0.0115	0.00117	0.0000097	0.0158	0.0182	0.465	0.0422	0.0000138	121	0.0000911	0.0108	0.000825	0.00629
2058 Feb	807	0.376	1.8	0.0383	108	0.264	423	0.0115	0.00117	0.00000971	0.0158	0.0182	0.465	0.0422	0.0000138	121	0.0000911	0.0108	0.000825	0.00629
2058 Mar	807	0.376	1.8	0.0384	108	0.264	423	0.0115	0.00117	0.00000971	0.0158	0.0182	0.465	0.0422	0.0000138	121	0.0000911	0.0108	0.000825	0.00629
2058 Apr	809	0.377	1.8	0.0384	108	0.264	424	0.0115	0.00117	0.00000973	0.0158	0.0183	0.466	0.0423	0.0000138	121	0.0000913	0.0108	0.000827	0.0063
2058 May	807	0.374	1.79	0.038	107	0.265	423	0.0114	0.00117	0.00000974	0.0158	0.0182	0.467	0.0428	0.0000138	121	0.0000917	0.0109	0.000835	0.00633
2058 Jun	708	0.322	1.52	0.0325	92.6	0.236	372	0.00983	0.00105	0.00000875	0.0142	0.0159	0.413	0.04	0.0000123	108	0.0000819	0.00967	0.000773	0.00567
2058 Jul	728	0.328	1.55	0.0333	94.4	0.242	383	0.0101	0.00108	0.00000897	0.0146	0.0164	0.426	0.041	0.0000126	111	0.0000842	0.00995	0.000793	0.00583
2058 Aug	763	0.338	1.59	0.0347	97	0.255	405	0.0107	0.00111	0.00000934	0.0152	0.0173	0.449	0.0427	0.0000132	117	0.0000884	0.0105	0.00083	0.00614
2058 Sep	770	0.338	1.59	0.0348	96.8	0.259	410	0.0107	0.00111	0.00000938	0.0153	0.0174	0.456	0.0429	0.0000133	118	0.0000894	0.0107	0.000838	0.00622
2058 Oct	771	0.336	1.58	0.0347	96.3	0.261	411	0.0107	0.0011	0.00000938	0.0153	0.0174	0.459	0.0429	0.0000133	118	0.0000897	0.0107	0.000839	0.00625
2058 Nov	774	0.337	1.59	0.0347	96.4	0.262	413	0.0107	0.0011	0.0000094	0.0154	0.0175	0.46	0.043	0.0000134	118	0.00009	0.0108	0.000841	0.00627
2058 Dec	774	0.337	1.59	0.0347	96.4	0.262	413	0.0107	0.0011	0.0000094	0.0154	0.0175	0.461	0.043	0.0000134	118	0.00009	0.0108	0.000841	0.00628
2059 Jan	774	0.337	1.59	0.0347	96.4	0.262	413	0.0107	0.0011	0.0000094	0.0154	0.0175	0.461	0.043	0.0000134	118	0.0000901	0.0108	0.000841	0.00628
2059 Feb	774	0.337	1.59	0.0347	96.4	0.262	413	0.0107	0.0011	0.0000094	0.0154	0.0175	0.461	0.043	0.0000134	118	0.0000901	0.0108	0.000841	0.00628
2059 Mar	774	0.337	1.59	0.0347	96.4	0.262	413	0.0107	0.0011	0.0000094	0.0154	0.0175	0.461	0.0431	0.0000134	118	0.0000901	0.0108	0.000841	0.00628
2059 Apr	776	0.338	1.59	0.0348	96.6	0.262	414	0.0108	0.0011	0.00000942	0.0154	0.0175	0.462	0.0432	0.0000134	119	0.0000903	0.0108	0.000843	0.00629
2059 May	781	0.34	1.6	0.035	97.2	0.264	417	0.0108	0.00111	0.0000095	0.0155	0.0177	0.465	0.0436	0.0000135	119	0.000091	0.0109	0.000852	0.00634
2059 Jun	755	0.327	1.53	0.0336	93.5	0.256	403	0.0105	0.0011	0.00000929	0.0152	0.0171	0.45	0.0432	0.0000131	116	0.0000885	0.0105	0.000841	0.00617
2059 Jul	798	0.345	1.61	0.0355	98.6	0.271	426	0.011	0.00116	0.00000982	0.016	0.0181	0.476	0.0457	0.0000139	123	0.0000936	0.0112	0.000889	0.00653
2059 Aug	842	0.359	1.68	0.0373	102	0.286	452	0.0118	0.00121	0.0000103	0.0168	0.0192	0.504	0.0479	0.0000146	130	0.0000986	0.0118	0.000934	0.00688
2059 Sep	854	0.36	1.68	0.0377	103	0.291	460	0.012	0.00121	0.0000104	0.017	0.0195	0.512	0.0483	0.0000148	132	0.0001	0.012	0.000945	0.00699
2059 Oct	816	0.343	1.59	0.0358	97.3	0.279	440	0.0114	0.00116	0.00000997	0.0163	0.0186	0.491	0.0463	0.0000142	126	0.0000958	0.0115	0.000904	0.0067
2059 Nov	813	0.341	1.58	0.0356	96.8	0.279	439	0.0113	0.00116	0.00000994	0.0163	0.0186	0.49	0.0461	0.0000141	126	0.0000956	0.0115	0.000901	0.00669
2059 Dec	813	0.341	1.58	0.0356	96.8	0.279	439	0.0113	0.00116	0.00000994	0.0163	0.0186	0.49	0.0461	0.0000141	126	0.0000956	0.0115	0.000901	0.00669
2060 Jan	813	0.341	1.58	0.0356	96.8	0.279	439	0.0113	0.00116	0.00000995	0.0163	0.0186	0.49	0.0461	0.0000141	126	0.0000956	0.0115	0.000901	0.00669
2060 Feb	813	0.341	1.58	0.0356	96.8	0.279	439	0.0113	0.00116	0.00000995	0.0163	0.0186	0.491	0.0461	0.0000141	126	0.0000957	0.0115	0.000901	0.00669
2060 Mar	813	0.342	1.58	0.0356	96.9	0.279	439	0.0113	0.00116	0.00000995	0.0163	0.0186	0.491	0.0462	0.0000142	126	0.0000957	0.0115	0.000902	0.0067
2060 Apr	816	0.343	1.59	0.0358	97.2	0.28	441	0.0114	0.00116	0.00000999	0.0164	0.0186	0.492	0.0463	0.0000142	126	0.000096	0.0115	0.000905	0.00672
2060 May	812	0.34	1.57	0.0354	96.5	0.279	438	0.0113	0.00116	0.00000997	0.0164	0.0185	0.491	0.0465	0.0000142	126	0.0000958	0.0115	0.000907	0.00671
2060 Jun	759	0.316	1.45	0.0329	89.6	0.261	409	0.0106	0.00111	0.00000945	0.0154	0.0173	0.458	0.0446	0.0000134	119	0.00009	0.0107	0.000865	0.00629
2060 Jul	799	0.331	1.52	0.0346	93.8	0.275	432	0.0112	0.00117	0.00000994	0.0162	0.0183	0.482	0.0469	0.0000141	125	0.0000947	0.0113	0.00091	0.00662
2060 Aug	822	0.334	1.52	0.0355	94.1	0.284	448	0.0116	0.00119	0.0000102	0.0166	0.019	0.499	0.0478	0.0000144	129	0.0000974	0.0117	0.000932	0.00682
2060 Sep	796	0.318	1.45	0.0339	89.4	0.277	435	0.0112	0.00114	0.00000983	0.0161	0.0184	0.487	0.0462	0.000014	125	0.0000945	0.0114	0.000901	0.00665
2060 Oct	792	0.315	1.43	0.0336	88.5	0.277	434	0.0111	0.00113	0.00000978	0.016	0.0183	0.487	0.0459	0.0000139	125	0.0000944	0.0114	0.000897	0.00664
2060 Nov	790	0.313	1.43	0.0335	88.1	0.276	433	0.0111	0.00112	0.00000975	0.016	0.0182	0.485	0.0458	0.0000139	124	0.0000941	0.0114	0.000894	0.00663
2060 Dec	790	0.313	1.43	0.0335	88.1	0.276	433	0.0111	0.00112	0.00000975	0.016	0.0182	0.486	0.0458	0.0000139	124	0.0000942	0.0114	0.000895	0.00663
2061 Jan	790	0.313	1.43	0.0334	88.1	0.277	433	0.0111	0.00112	0.00000975	0.016	0.0182	0.486	0.0458	0.0000139	124	0.0000942	0.0114	0.000895	0.00663
2061 Feb	790	0.313	1.43	0.0334	88.1	0.277	433	0.0111	0.00112	0.00000975	0.016	0.0182	0.486	0.0458	0.0000139	124	0.0000942	0.0114	0.000895	0.00664
2061 Mar	790	0.313	1.43	0.0335	88.1	0.277	433	0.0111	0.00112	0.00000975	0.016	0.0182	0.486	0.0458	0.0000139	124	0.0000942	0.0114	0.000895	0.00664
2061 Apr	793	0.314	1.43	0.0336	88.4	0.278	435	0.0111	0.00113	0.00000978	0.0161	0.0183	0.488	0.046	0.0000139	125	0.0000946	0.0114	0.000898	0.00666
2061 May	784	0.31	1.4	0.033	87.2	0.275	430	0.0109	0.00112	0.00000974	0.016	0.0181	0.483	0.0462	0.0000138	124	0.0000939	0.0113	0.000899	0.00662
2061 Jun	711	0.279	1.25	0.0295	78.3	0.251	390	0.00987	0.00105	0.00000897	0.0147	0.0164	0.439	0.0432	0.0000127	113	0.000086	0.0103	0.000837	0.00605
2061 Jul	748	0.29	1.3	0.031	81.5	0.264	411	0.0104	0.00109	0.00000942	0.0154	0.0173	0.463	0.0453	0.0000133	119	0.0000905	0.0109	0.000879	0.00637
2061 Aug	790	0.3	1.34	0.0325	84.1	0.28	437	0.0111	0.00113	0.00000987	0.0162	0.0184	0.492	0.0474	0.000014	126	0.0000956	0.0115	0.000925	0.00675
2061 Sep	804	0.303	1.35	0.0329	84.6	0.286	446	0.0112	0.00114	0.00001	0.0165	0.0187	0.503	0.0481	0.0000143	128	0.0000974	0.0118	0.000939	0.00689
2061 Oct	783	0.293	1.31	0.0318	81.7	0.28	436	0.0108	0.0011	0.00000975	0.0161	0.0182	0.492	0.0468	0.0000139	125	0.0000953	0.0116	0.000915	0.00674
2061 Nov	776	0.29	1.29	0.0314	80.8	0.279	432	0.0107	0.0011	0.00000967	0.016	0.018	0.489	0.0465	0.0000138	124	0.0000946	0.0115	0.000907	0.0067
2061 Dec	776	0.29	1.29	0.0314	80.8	0.279	432	0.0107	0.0011	0.00000968	0.016	0.018	0.489	0.0465	0.0000138	124	0.0000946	0.0115	0.000908	0.0067
2062 Jan	776	0.29	1.29	0.0314	80.8	0.279	432	0.0107	0.0011	0.00000968	0.016	0.018	0.489	0.0465	0.0000138	124	0.0000947	0.0115	0.000908	0.0067
2062 Feb	777	0.29	1.29	0.0314	80.8	0.279	432	0.0107	0.0011	0.00000968	0.016	0.018	0.489	0.0465	0.0000138	124	0.0000947	0.0115	0.000908	0.0067
2062 Mar	777	0.29	1.29	0.0314	80.9	0.279	433	0.0107	0.0011	0.00000969	0.016	0.018	0.49	0.0465	0.0000138	124	0.0000948	0.0115	0.000909	0.00671
2062 Apr	780	0.291	1.3	0.0315	81.2	0.28	434	0.0108	0.0011	0.00000972	0.0161	0.0181	0.492	0.0467	0.0000139	124	0.0000951	0.0115	0.000912	0.00673
2062 May	788	0.294	1.31	0.0318	82	0.283	438	0.0109	0.00111	0.00000982	0.0162	0.0182	0.496	0.0472	0.000014	126	0.000096	0.0117	0.000921	0.0068
2062 Jun	732	0.271	1.2	0.0295	75.5	0.264	408	0.0102	0.00107	0.00000931	0.0154	0.017	0.462	0.0441	0.0000132	117	0.0000901	0.0108	0.000857	0.00634
2062 Jul	716	0.263	1.17	0.0288	73.2	0.258	399	0.00997	0.00106	0.0000092	0.0152	0.0167	0.452	0.0432	0.000013	115	0.0000886	0.0106	0.000838	0.00621
2062 Aug	732	0.263	1.16	0.0292	73.1	0.265	411	0.0103	0.00107	0.00000935	0.0154	0.0171	0.465	0.0437	0.0000133	117	0.0000906	0.0109	0.000852	0.00636
2062 Sep	726	0.257	1.14	0.0287	71.3	0.265	409	0.0101	0.00105	0.00000925	0.0153	0.017	0.464	0.0432	0.0000131	117	0.0000902	0.0109	0.000844	0.00635
2062 Oct	672	0.238	1.04	0.0263	65.3	0.248	380	0.00932	0.000984	0.00000864	0.0143	0.0157	0.432	0.0403	0.0000122	108	0.000084	0.0101	0.000783	0.00592
2062 Nov	672	0.238	1.03	0.0263	65.2	0.248	380	0.00931	0.000984	0.00000865	0.0144	0.0157	0.432	0.0403	0.0000123	108	0.0000841	0.0101	0.000783	0.00593
2062 Dec	673	0.238	1.03	0.0263	65.2	0.248	380	0.00931	0.000984	0.00000865	0.0144	0.0157	0.433	0.0403	0.0000123	108	0.0000841	0.0102	0.000783	0.00593
2063 Jan	673	0.238	1.03	0.0263	65.2	0.248	380	0.00931	0.000984	0.00000865	0.0144	0.0157	0.433	0.0403	0.0000123	108	0.0000841	0.0102	0.000783	0.00593
2063 Feb	673	0.238	1.03	0.0263	65.2	0.248	380	0.00931	0.000984	0.00000865	0.0144	0.0157	0.433	0.0403	0.0000123	108	0.0000841	0.0102	0.000783	0.00594

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	673	0.238	1.03	0.0263	65.2	0.248	380	0.00932	0.000985	0.00000865	0.0144	0.0157	0.433	0.0403	0.0000123	108	0.0000842	0.0102	0.000784	0.00594
2063 Apr	674	0.238	1.04	0.0263	65.3	0.249	381	0.00933	0.000986	0.00000867	0.0144	0.0157	0.434	0.0404	0.0000123	108	0.0000843	0.0102	0.000785	0.00595
2063 May	675	0.238	1.03	0.0263	65.4	0.249	381	0.00935	0.000994	0.00000871	0.0145	0.0158	0.434	0.0407	0.0000123	109	0.0000845	0.0102	0.00079	0.00596
2063 Jun	575	0.201	0.857	0.0222	55.2	0.212	324	0.00804	0.000909	0.00000771	0.0127	0.0135	0.368	0.0365	0.0000108	94	0.000073	0.00865	0.0007	0.00511
2063 Jul	581	0.2	0.85	0.0224	54.8	0.214	328	0.00819	0.000915	0.00000776	0.0128	0.0137	0.372	0.0366	0.0000109	95.1	0.0000736	0.00874	0.000704	0.00516
2063 Aug	621	0.207	0.877	0.0237	56.3	0.23	354	0.00884	0.000952	0.0000082	0.0135	0.0148	0.402	0.0386	0.0000116	102	0.0000787	0.00942	0.000747	0.00553
2063 Sep	632	0.207	0.875	0.0239	56.1	0.236	363	0.00894	0.000951	0.0000083	0.0137	0.015	0.412	0.0391	0.0000117	104	0.0000804	0.00967	0.000758	0.00566
2063 Oct	627	0.204	0.862	0.0235	55.3	0.235	360	0.00881	0.000937	0.00000822	0.0136	0.0149	0.41	0.0387	0.0000116	103	0.0000799	0.00963	0.000752	0.00564
2063 Nov	627	0.204	0.86	0.0235	55.2	0.235	360	0.00879	0.000936	0.00000822	0.0137	0.0149	0.411	0.0387	0.0000116	103	0.00008	0.00964	0.000751	0.00564
2063 Dec	627	0.204	0.861	0.0235	55.2	0.235	360	0.00879	0.000937	0.00000823	0.0137	0.0149	0.411	0.0387	0.0000116	103	0.00008	0.00964	0.000752	0.00564
2064 Jan	627	0.204	0.861	0.0235	55.2	0.235	360	0.00879	0.000937	0.00000823	0.0137	0.0149	0.411	0.0387	0.0000116	103	0.00008	0.00965	0.000752	0.00565
2064 Feb	627	0.204	0.861	0.0235	55.2	0.235	360	0.00879	0.000937	0.00000823	0.0137	0.0149	0.411	0.0387	0.0000116	103	0.0000801	0.00965	0.000752	0.00565
2064 Mar	628	0.204	0.862	0.0235	55.3	0.236	361	0.0088	0.000938	0.00000824	0.0137	0.0149	0.412	0.0388	0.0000117	103	0.0000802	0.00966	0.000753	0.00565
2064 Apr	629	0.205	0.863	0.0236	55.4	0.236	361	0.00882	0.00094	0.00000826	0.0137	0.0149	0.412	0.0389	0.0000117	103	0.0000803	0.00968	0.000755	0.00567
2064 May	623	0.202	0.847	0.0232	54.7	0.234	357	0.00868	0.000938	0.00000822	0.0136	0.0147	0.409	0.0391	0.0000116	102	0.0000798	0.0096	0.000757	0.00563
2064 Jun	562	0.181	0.742	0.0205	49	0.212	322	0.00776	0.00088	0.00000759	0.0126	0.0133	0.369	0.0372	0.0000106	93.6	0.0000729	0.00869	0.000714	0.00514
2064 Jul	586	0.186	0.763	0.0213	50.4	0.222	337	0.00813	0.000909	0.00000788	0.013	0.0139	0.386	0.0386	0.0000111	97.7	0.000076	0.00908	0.000742	0.00536
2064 Aug	608	0.188	0.769	0.0219	50.7	0.231	351	0.00846	0.000921	0.00000809	0.0134	0.0145	0.403	0.0396	0.0000114	101	0.0000788	0.00948	0.000765	0.00557
2064 Sep	606	0.184	0.753	0.0215	49.6	0.232	352	0.00834	0.000905	0.00000804	0.0134	0.0144	0.405	0.0393	0.0000114	101	0.0000788	0.00953	0.000761	0.00559
2064 Oct	612	0.185	0.754	0.0216	49.6	0.235	356	0.00836	0.000903	0.00000809	0.0135	0.0145	0.41	0.0395	0.0000114	102	0.0000797	0.00966	0.000767	0.00567
2064 Nov	614	0.185	0.756	0.0216	49.8	0.237	357	0.00838	0.000905	0.00000812	0.0135	0.0146	0.413	0.0397	0.0000115	102	0.0000801	0.00972	0.00077	0.0057
2064 Dec	615	0.185	0.756	0.0217	49.8	0.237	357	0.00838	0.000905	0.00000813	0.0136	0.0146	0.413	0.0397	0.0000115	102	0.0000802	0.00972	0.000771	0.0057
2065 Jan	615	0.185	0.756	0.0217	49.8	0.237	358	0.00838	0.000905	0.00000813	0.0136	0.0146	0.413	0.0397	0.0000115	102	0.0000802	0.00972	0.000771	0.0057
2065 Feb	615	0.185	0.757	0.0217	49.8	0.237	358	0.00838	0.000905	0.00000813	0.0136	0.0146	0.413	0.0397	0.0000115	102	0.0000802	0.00973	0.000771	0.0057
2065 Mar	616	0.185	0.757	0.0217	49.8	0.237	358	0.00839	0.000906	0.00000814	0.0136	0.0146	0.414	0.0398	0.0000115	102	0.0000803	0.00974	0.000772	0.00571
2065 Apr	618	0.186	0.76	0.0218	50	0.238	359	0.00842	0.00091	0.00000817	0.0136	0.0146	0.415	0.0399	0.0000116	103	0.0000806	0.00978	0.000775	0.00573
2065 May	622	0.187	0.761	0.0218	50.2	0.24	362	0.00843	0.000915	0.00000823	0.0137	0.0147	0.419	0.0404	0.0000116	104	0.0000814	0.00987	0.000784	0.00579
2065 Jun	579	0.173	0.696	0.0202	46.4	0.224	337	0.00788	0.000879	0.0000078	0.013	0.0137	0.39	0.0384	0.000011	97	0.0000763	0.00919	0.000741	0.00541
2065 Jul	612	0.18	0.725	0.0213	48.3	0.237	357	0.00839	0.000923	0.00000821	0.0137	0.0146	0.412	0.0403	0.0000116	103	0.0000805	0.00971	0.000779	0.00571
2065 Aug	649	0.187	0.75	0.0225	49.8	0.251	380	0.00896	0.00096	0.00000862	0.0144	0.0155	0.438	0.0422	0.0000122	109	0.0000851	0.0103	0.00082	0.00605
2065 Sep	640	0.181	0.726	0.022	48.2	0.249	377	0.0088	0.000935	0.00000847	0.0142	0.0153	0.435	0.0414	0.000012	107	0.0000842	0.0102	0.000806	0.00599
2065 Oct	610	0.171	0.676	0.0207	45.1	0.24	361	0.00833	0.000889	0.0000081	0.0136	0.0146	0.418	0.0394	0.0000115	102	0.0000807	0.00984	0.000767	0.00576
2065 Nov	609	0.171	0.672	0.0206	44.8	0.24	360	0.00829	0.000886	0.00000809	0.0136	0.0145	0.417	0.0393	0.0000115	102	0.0000806	0.00983	0.000765	0.00575
2065 Dec	609	0.171	0.672	0.0206	44.8	0.24	360	0.00829	0.000886	0.00000809	0.0136	0.0145	0.418	0.0393	0.0000115	102	0.0000806	0.00984	0.000765	0.00575
2066 Jan	609	0.171	0.672	0.0206	44.8	0.24	360	0.00829	0.000886	0.00000809	0.0136	0.0145	0.418	0.0393	0.0000115	102	0.0000807	0.00984	0.000765	0.00576
2066 Feb	610	0.171	0.672	0.0206	44.8	0.24	360	0.0083	0.000886	0.00000809	0.0136	0.0146	0.418	0.0393	0.0000115	102	0.0000807	0.00985	0.000766	0.00576
2066 Mar	611	0.171	0.673	0.0206	44.9	0.24	361	0.00831	0.000888	0.00000811	0.0136	0.0146	0.419	0.0394	0.0000115	103	0.0000809	0.00987	0.000767	0.00577
2066 Apr	612	0.171	0.675	0.0207	45	0.241	362	0.00834	0.00089	0.00000813	0.0137	0.0146	0.42	0.0395	0.0000115	103	0.0000811	0.00989	0.000769	0.00579
2066 May	618	0.173	0.681	0.0209	45.4	0.243	366	0.00842	0.000899	0.00000821	0.0138	0.0148	0.424	0.0399	0.0000117	104	0.0000819	0.00999	0.000777	0.00584
2066 Jun	557	0.154	0.599	0.0188	40.5	0.219	329	0.00769	0.000862	0.00000763	0.0128	0.0134	0.381	0.0366	0.0000107	94.1	0.0000746	0.00897	0.000707	0.00527
2066 Jul	588	0.161	0.623	0.0198	42	0.232	348	0.00818	0.000908	0.00000805	0.0135	0.0142	0.403	0.0385	0.0000113	99.5	0.0000788	0.00948	0.000744	0.00557
2066 Aug	621	0.167	0.645	0.0209	43.4	0.245	369	0.00869	0.000945	0.00000844	0.0141	0.015	0.426	0.0402	0.0000119	105	0.000083	0.01	0.00078	0.00587
2066 Sep	628	0.167	0.643	0.021	43.2	0.248	374	0.00877	0.000946	0.00000849	0.0142	0.0152	0.432	0.0404	0.000012	106	0.0000839	0.0102	0.000786	0.00594
2066 Oct	621	0.163	0.628	0.0207	42.2	0.246	371	0.00865	0.000928	0.00000839	0.0141	0.015	0.429	0.0399	0.0000119	105	0.0000832	0.0101	0.000776	0.0059
2066 Nov	621	0.163	0.625	0.0206	42	0.246	371	0.00865	0.000925	0.00000838	0.0141	0.015	0.429	0.0398	0.0000119	105	0.0000832	0.0101	0.000775	0.0059
2066 Dec	621	0.163	0.625	0.0206	42	0.247	371	0.00866	0.000926	0.00000838	0.0141	0.015	0.43	0.0398	0.0000119	105	0.0000832	0.0101	0.000776	0.00591
2067 Jan	621	0.163	0.625	0.0206	42	0.247	371	0.00866	0.000926	0.00000838	0.0141	0.015	0.43	0.0398	0.0000119	105	0.0000832	0.0101	0.000776	0.00591
2067 Feb	622	0.163	0.625	0.0206	42	0.247	372	0.00866	0.000926	0.00000839	0.0141	0.0151	0.43	0.0399	0.0000119	105	0.0000833	0.0101	0.000776	0.00591
2067 Mar	622	0.163	0.626	0.0207	42.1	0.247	372	0.00867	0.000927	0.00000839	0.0141	0.0151	0.43	0.0399	0.0000119	105	0.0000833	0.0101	0.000777	0.00591
2067 Apr	624	0.163	0.627	0.0207	42.2	0.248	373	0.00869	0.000929	0.00000841	0.0141	0.0151	0.431	0.04	0.0000119	106	0.0000835	0.0101	0.000778	0.00593
2067 May	629	0.165	0.631	0.0209	42.5	0.249	376	0.00876	0.00094	0.0000085	0.0143	0.0152	0.435	0.0405	0.000012	106	0.0000842	0.0102	0.000787	0.00598
2067 Jun	594	0.155	0.586	0.0197	40	0.235	354	0.00835	0.000915	0.00000813	0.0136	0.0144	0.409	0.039	0.0000115	101	0.0000798	0.00962	0.000755	0.00564
2067 Jul	630	0.163	0.613	0.0209	41.8	0.249	377	0.00894	0.000964	0.00000859	0.0144	0.0154	0.434	0.0411	0.0000122	108	0.0000844	0.0102	0.000798	0.00598
2067 Aug	650	0.165	0.62	0.0216	42.2	0.257	391	0.00932	0.000986	0.00000882	0.0147	0.016	0.449	0.042	0.0000125	111	0.0000869	0.0105	0.000818	0.00616
2067 Sep	661	0.166	0.622	0.0219	42.3	0.261	398	0.00948	0.000993	0.00000893	0.0149	0.0163	0.457	0.0425	0.0000127	113	0.0000882	0.0107	0.000829	0.00626
2067 Oct	649	0.162	0.603	0.0214	41	0.257	391	0.00931	0.00097	0.00000875	0.0146	0.016	0.45	0.0416	0.0000125	111	0.0000867	0.0106	0.000812	0.00616
2067 Nov	648	0.161	0.599	0.0214	40.8	0.257	391	0.0093	0.000967	0.00000874	0.0146	0.016	0.449	0.0415	0.0000124	111	0.0000866	0.0106	0.00081	0.00616
2067 Dec	648	0.161	0.599	0.0214	40.8	0.257	391	0.0093	0.000968	0.00000874	0.0146	0.016	0.449	0.0415	0.0000124	111	0.0000866	0.0106	0.00081	0.00616
2068 Jan	648	0.161	0.599	0.0214	40.8	0.258	391	0.0093	0.000968	0.00000874	0.0146	0.016	0.45	0.0415	0.0000124	111	0.0000867	0.0106	0.00081	0.00616
2068 Feb	649	0.161	0.599	0.0214	40.8	0.258	391	0.0093	0.000968	0.00000875	0.0146	0.016	0.45	0.0415	0.0000125	111	0.0000867	0.0106	0.000811	0.00616
2068 Mar	650	0.162	0.6	0.0214	40.9	0.258	392	0.00932	0.00097	0.00000876	0.0147	0.016	0.45	0.0416	0.0000125	111	0.0000868	0.0106	0.000812	0.00617
2068 Apr	654	0.163	0.604	0.0216	41.1	0.26	395	0.00938	0.000976	0.00000882	0.0148	0.0161	0.453	0.0419	0.0000126	112	0.0000874	0.0107	0.000818	0.00622
2068 May	654	0.163	0.601	0.0215	41.1	0.26	394	0.0094	0.000984	0.00000885	0.0148	0.0161	0.453	0.0422	0.0000126	112	0.0000875	0.0106	0.000823	0.00622
2068 Jun	566	0.141	0.503	0.0186	35.6	0.223	340	0.00825	0.000902	0.00000787	0.013	0.014	0.389	0.0384	0.0000111	98.4	0.0000761	0.00915	0.00074	0.00539
2068 Jul	585	0.143	0.508	0.0192	35.9	0.231	353	0.00859	0.000922	0.00000808	0.0134	0.0146	0.402	0.0393	0.0000114	102	0.0000784	0.00945	0.000759	0.00556
2068 Aug	619	0.149	0.528	0.0203	37.3	0.244	375	0.00915	0.000965	0.0000085	0.0141	0.0155	0.427	0.0412	0.0000121	108	0.0000829	0.01	0.0008	0.00588
2068 Sep	624	0.148	0.526	0.0204	37	0.247	378	0.00921	0.000964	0.00000854	0.0142	0.0156	0.431	0.0414	0.0000121	108	0.0000835	0.0101	0.000804	0.00593
2068 Oct	628	0.148	0.524	0.0205	36.9	0.248	381	0.00926	0.000964	0.00000857	0.0142	0.0157	0.434	0.0415	0.0000122	109	0.000084	0.0102	0.000807	0.00597
2068 Nov	630	0.149	0.526	0.0205	37	0.25	382	0.00929	0.000967	0.0000086	0.0143	0.0158	0.436	0.0416	0.0000122	110	0.0000844	0.0102	0.00081	0.006
2068 Dec	631	0.149	0.526	0.0205	37	0.25	383	0.0093	0.000967	0.0000086	0.0143	0.0158	0.436	0.0416	0.0000122	110	0.0000844	0.0103	0.000811	0.006
2069 Jan	631	0.149	0.526	0.0205	37	0.25	383	0.0093	0.000967	0.0000086	0.0143	0.0158	0.437	0.0417	0.0000122	110	0.0000844	0.0103	0.000811	0.006
2069 Feb	631	0.149	0.526	0.0205	37.1	0.25	383	0.0093	0.000967	0.00000861	0.0143	0.0158	0.437	0.0417	0.0000122	110	0.0000845	0.0103	0.000811	0.00601
2069 Mar	631	0.149	0.526	0.0205	37.1	0.25	383	0.0093	0.000967	0.00000861	0.0143	0.0158	0.437	0.0417	0.0000122	110	0.0000845	0.0103	0.000811	0.00601
2069 Apr	632	0.149	0.527	0.0206	37.1	0.25	384	0.00932	0.000969	0.00000862	0.0143	0.0158	0.437	0.0417	0.0000123	110	0.0000846	0.0103	0.000812	0.00602
2069 May	643	0.152	0.535	0.0209	37.7	0.254	390	0.00947	0.000985	0.00000876	0.0146	0.0161	0.445	0.0424	0.0000125	112	0.000086	0.0105	0.000826	0.00612
2069 Jun	600	0.14	0.49	0.0196	34.8	0.237	364	0.00896	0.000957	0.00000834	0.0138	0.0151	0.414	0.0399	0.0000118	105	0.0000808	0.00971	0.000772	0.0057
2069 Jul	625	0.144	0.5	0.0205	35.5	0.246	380	0.00944	0.000992	0.00000865	0.0143	0.0158	0.431	0.0411	0.0000123	109	0.0000839	0.0101	0.000799	0.00592

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	649	0.147	0.511	0.0213	36.2	0.256	396	0.00986	0.00102	0.00000894	0.0148	0.0165	0.449	0.0424	0.0000127	113	0.000087	0.0105	0.000826	0.00615
2069 Sep	637	0.143	0.493	0.0208	34.9	0.252	390	0.00969	0.000993	0.00000875	0.0145	0.0162	0.442	0.0414	0.0000125	111	0.0000855	0.0104	0.000808	0.00604
2069 Oct	610	0.137	0.463	0.0198	32.9	0.242	374	0.00928	0.000954	0.0000084	0.014	0.0155	0.424	0.0396	0.000012	107	0.0000819	0.00993	0.000771	0.0058
2069 Nov	609	0.136	0.461	0.0198	32.8	0.242	374	0.00926	0.000952	0.00000839	0.0139	0.0155	0.423	0.0395	0.0000119	107	0.0000818	0.00992	0.000769	0.0058
2069 Dec	609	0.136	0.46	0.0198	32.8	0.242	374	0.00926	0.000952	0.00000839	0.0139	0.0155	0.423	0.0395	0.0000119	107	0.0000818	0.00992	0.000769	0.0058
2070 Jan	609	0.136	0.46	0.0198	32.8	0.242	374	0.00926	0.000952	0.00000839	0.0139	0.0155	0.423	0.0395	0.0000119	107	0.0000818	0.00992	0.000769	0.0058
2070 Feb	609	0.136	0.46	0.0198	32.8	0.242	374	0.00926	0.000952	0.00000839	0.0139	0.0155	0.423	0.0395	0.0000119	107	0.0000818	0.00993	0.000769	0.0058
2070 Mar	610	0.136	0.461	0.0198	32.8	0.242	374	0.00927	0.000953	0.0000084	0.014	0.0155	0.424	0.0395	0.000012	107	0.0000819	0.00993	0.00077	0.0058
2070 Apr	612	0.137	0.462	0.0198	32.9	0.243	375	0.00931	0.000956	0.00000843	0.014	0.0156	0.425	0.0397	0.000012	107	0.0000822	0.00997	0.000773	0.00582
2070 May	614	0.138	0.462	0.0199	33.1	0.244	376	0.00934	0.000966	0.00000848	0.0141	0.0156	0.426	0.0401	0.0000121	108	0.0000825	0.00999	0.00078	0.00584
2070 Jun	580	0.131	0.429	0.0187	31.5	0.229	354	0.00886	0.000941	0.00000813	0.0134	0.0148	0.4	0.0391	0.0000115	102	0.0000781	0.00939	0.000754	0.00552
2070 Jul	607	0.136	0.444	0.0196	32.5	0.24	371	0.00931	0.000979	0.00000848	0.014	0.0155	0.419	0.0407	0.000012	107	0.0000816	0.00983	0.000787	0.00577
2070 Aug	634	0.139	0.453	0.0206	33.1	0.25	389	0.00983	0.00101	0.00000877	0.0145	0.0163	0.438	0.042	0.0000125	112	0.0000849	0.0103	0.000815	0.00601
2070 Sep	629	0.137	0.442	0.0203	32.3	0.249	387	0.00975	0.000993	0.00000869	0.0144	0.0162	0.436	0.0415	0.0000124	111	0.0000843	0.0102	0.000807	0.00598
2070 Oct	616	0.134	0.429	0.0198	31.4	0.244	379	0.00953	0.000973	0.00000851	0.0141	0.0158	0.427	0.0406	0.0000121	109	0.0000826	0.01	0.000789	0.00586
2070 Nov	615	0.133	0.428	0.0198	31.3	0.244	379	0.00952	0.000972	0.00000851	0.0141	0.0158	0.427	0.0405	0.0000121	109	0.0000825	0.01	0.000788	0.00586
2070 Dec	615	0.133	0.428	0.0198	31.3	0.244	379	0.00951	0.000972	0.00000851	0.0141	0.0158	0.427	0.0405	0.0000121	109	0.0000825	0.01	0.000788	0.00586
2071 Jan	615	0.133	0.428	0.0198	31.3	0.244	379	0.00951	0.000972	0.00000851	0.0141	0.0158	0.427	0.0405	0.0000121	109	0.0000825	0.01	0.000788	0.00586
2071 Feb	615	0.133	0.427	0.0198	31.3	0.244	379	0.00952	0.000972	0.00000851	0.0141	0.0158	0.427	0.0405	0.0000121	109	0.0000825	0.01	0.000788	0.00586
2071 Mar	615	0.134	0.428	0.0198	31.3	0.244	379	0.00952	0.000972	0.00000851	0.0141	0.0158	0.427	0.0405	0.0000121	109	0.0000825	0.01	0.000788	0.00586
2071 Apr	616	0.134	0.428	0.0198	31.4	0.245	379	0.00954	0.000974	0.00000853	0.0141	0.0158	0.428	0.0406	0.0000121	109	0.0000827	0.01	0.000789	0.00587
2071 May	613	0.133	0.425	0.0197	31.3	0.243	377	0.0095	0.000974	0.0000085	0.0141	0.0158	0.425	0.0406	0.0000121	108	0.0000823	0.00997	0.000789	0.00584
2071 Jun	567	0.123	0.386	0.0183	29	0.224	348	0.00885	0.00093	0.00000798	0.0132	0.0146	0.392	0.0384	0.0000113	101	0.0000763	0.00918	0.000742	0.0054
2071 Jul	584	0.126	0.392	0.0189	29.4	0.231	359	0.00919	0.000954	0.0000082	0.0135	0.0151	0.403	0.0393	0.0000116	104	0.0000784	0.00944	0.00076	0.00555
2071 Aug	614	0.13	0.402	0.0199	30.1	0.242	379	0.00978	0.000989	0.00000854	0.0141	0.016	0.423	0.0408	0.0000122	109	0.000082	0.00991	0.000792	0.00581
2071 Sep	611	0.127	0.392	0.0198	29.3	0.241	378	0.00973	0.000973	0.00000845	0.0139	0.0159	0.422	0.0403	0.0000121	109	0.0000815	0.00988	0.000784	0.00578
2071 Oct	605	0.126	0.386	0.0195	28.9	0.239	374	0.00963	0.000961	0.00000836	0.0138	0.0158	0.418	0.0398	0.0000119	108	0.0000807	0.0098	0.000775	0.00573
2071 Nov	603	0.125	0.384	0.0194	28.7	0.238	374	0.0096	0.000958	0.00000834	0.0138	0.0157	0.418	0.0397	0.0000119	107	0.0000806	0.00978	0.000773	0.00571
2071 Dec	603	0.125	0.384	0.0194	28.7	0.238	373	0.00959	0.000958	0.00000834	0.0138	0.0157	0.418	0.0397	0.0000119	107	0.0000805	0.00978	0.000773	0.00571
2072 Jan	603	0.125	0.384	0.0194	28.7	0.238	373	0.00959	0.000959	0.00000834	0.0138	0.0157	0.418	0.0397	0.0000119	107	0.0000805	0.00978	0.000773	0.00571
2072 Feb	603	0.125	0.384	0.0194	28.7	0.238	374	0.00959	0.000959	0.00000834	0.0138	0.0157	0.418	0.0397	0.0000119	107	0.0000805	0.00978	0.000773	0.00571
2072 Mar	603	0.125	0.384	0.0194	28.7	0.238	374	0.0096	0.000959	0.00000834	0.0138	0.0157	0.418	0.0397	0.0000119	107	0.0000806	0.00978	0.000773	0.00572
2072 Apr	605	0.126	0.385	0.0195	28.8	0.239	375	0.00963	0.000961	0.00000836	0.0138	0.0158	0.419	0.0398	0.0000119	108	0.0000808	0.00981	0.000775	0.00573
2072 May	613	0.128	0.39	0.0198	29.2	0.243	380	0.00976	0.000975	0.00000848	0.014	0.016	0.425	0.0404	0.0000121	109	0.0000819	0.00995	0.000787	0.00581
2072 Jun	591	0.122	0.372	0.0191	27.9	0.233	366	0.00949	0.000966	0.00000829	0.0136	0.0155	0.408	0.039	0.0000118	105	0.0000793	0.00956	0.000756	0.00559
2072 Jul	603	0.123	0.373	0.0196	28	0.238	374	0.00977	0.000988	0.00000846	0.0139	0.0158	0.416	0.0395	0.000012	108	0.0000808	0.00974	0.000768	0.0057
2072 Aug	607	0.121	0.363	0.0198	27.3	0.239	378	0.00999	0.000993	0.00000849	0.0139	0.0161	0.419	0.0393	0.0000121	109	0.0000808	0.00978	0.000765	0.00571
2072 Sep	605	0.119	0.353	0.0197	26.6	0.239	378	0.01	0.000982	0.00000843	0.0138	0.0161	0.419	0.0388	0.0000121	108	0.0000803	0.00977	0.000757	0.00569
2072 Oct	587	0.116	0.34	0.0191	25.7	0.232	367	0.00967	0.000955	0.0000082	0.0134	0.0156	0.407	0.0377	0.0000117	105	0.000078	0.00949	0.000734	0.00553
2072 Nov	585	0.115	0.338	0.019	25.6	0.232	366	0.00962	0.000952	0.00000818	0.0134	0.0155	0.406	0.0376	0.0000117	105	0.0000778	0.00947	0.000732	0.00552
2072 Dec	585	0.115	0.338	0.019	25.6	0.232	366	0.00962	0.000952	0.00000818	0.0134	0.0155	0.406	0.0376	0.0000117	105	0.0000779	0.00947	0.000732	0.00552
2073 Jan	585	0.115	0.338	0.019	25.6	0.232	366	0.00962	0.000952	0.00000818	0.0134	0.0155	0.406	0.0376	0.0000117	105	0.0000779	0.00947	0.000732	0.00552
2073 Feb	586	0.115	0.338	0.019	25.6	0.232	366	0.00962	0.000952	0.00000818	0.0134	0.0155	0.406	0.0376	0.0000117	105	0.0000779	0.00947	0.000732	0.00552
2073 Mar	586	0.115	0.338	0.019	25.6	0.232	366	0.00963	0.000953	0.00000818	0.0134	0.0155	0.406	0.0376	0.0000117	105	0.0000779	0.00948	0.000733	0.00553
2073 Apr	589	0.116	0.34	0.0191	25.7	0.233	368	0.00969	0.000959	0.00000823	0.0135	0.0156	0.408	0.0379	0.0000118	106	0.0000784	0.00954	0.000737	0.00556
2073 May	584	0.115	0.334	0.0188	25.6	0.232	364	0.00953	0.000958	0.00000821	0.0135	0.0154	0.405	0.0382	0.0000117	105	0.000078	0.00946	0.000741	0.00553
2073 Jun	551	0.109	0.308	0.0175	24.3	0.219	342	0.00894	0.000926	0.00000785	0.0128	0.0145	0.381	0.0372	0.0000111	99.4	0.000074	0.00892	0.000718	0.00524
2073 Jul	571	0.111	0.313	0.0182	24.8	0.226	356	0.00935	0.000952	0.00000809	0.0132	0.0151	0.396	0.0383	0.0000115	103	0.0000765	0.00925	0.000741	0.00543
2073 Aug	598	0.114	0.32	0.0191	25.1	0.237	374	0.00986	0.000979	0.00000839	0.0137	0.0159	0.415	0.0396	0.000012	108	0.0000798	0.00969	0.000769	0.00567
2073 Sep	603	0.113	0.316	0.0192	24.8	0.239	378	0.0099	0.000972	0.00000839	0.0137	0.016	0.419	0.0396	0.000012	109	0.0000804	0.0098	0.000771	0.00572
2073 Oct	590	0.111	0.307	0.0187	24.2	0.235	370	0.00966	0.00095	0.00000823	0.0135	0.0157	0.412	0.0387	0.0000118	106	0.0000789	0.00962	0.000755	0.00562
2073 Nov	587	0.11	0.305	0.0186	24	0.234	369	0.0096	0.000946	0.00000819	0.0135	0.0156	0.41	0.0386	0.0000117	106	0.0000786	0.00958	0.000751	0.00559
2073 Dec	588	0.111	0.305	0.0186	24	0.234	369	0.0096	0.000947	0.0000082	0.0135	0.0156	0.41	0.0386	0.0000117	106	0.0000786	0.00959	0.000752	0.0056
2074 Jan	588	0.111	0.305	0.0186	24	0.234	369	0.0096	0.000946	0.0000082	0.0135	0.0156	0.41	0.0386	0.0000117	106	0.0000787	0.00959	0.000752	0.0056
2074 Feb	588	0.111	0.305	0.0186	24	0.234	369	0.0096	0.000946	0.0000082	0.0135	0.0156	0.41	0.0386	0.0000117	106	0.0000787	0.0096	0.000752	0.0056
2074 Mar	588	0.111	0.305	0.0186	24	0.235	369	0.0096	0.000947	0.0000082	0.0135	0.0156	0.411	0.0386	0.0000117	106	0.0000787	0.0096	0.000753	0.0056
2074 Apr	591	0.111	0.307	0.0187	24.2	0.236	371	0.00965	0.000952	0.00000825	0.0135	0.0157	0.413	0.0388	0.0000118	107	0.0000791	0.00965	0.000756	0.00563
2074 May	580	0.109	0.296	0.0182	23.9	0.231	363	0.00941	0.00095	0.00000817	0.0134	0.0154	0.404	0.0391	0.0000116	105	0.000078	0.00947	0.000758	0.00555
2074 Jun	526	0.0998	0.259	0.0163	22	0.209	327	0.00849	0.000892	0.00000755	0.0123	0.0139	0.365	0.0372	0.0000107	96.1	0.0000712	0.00856	0.000715	0.00506
2074 Jul	557	0.104	0.268	0.0173	22.7	0.221	348	0.00906	0.00093	0.00000792	0.0129	0.0148	0.387	0.0389	0.0000113	102	0.0000751	0.00907	0.000751	0.00534
2074 Aug	593	0.108	0.279	0.0183	23.5	0.236	372	0.00965	0.000971	0.00000835	0.0137	0.0158	0.414	0.041	0.0000119	108	0.0000799	0.0097	0.000795	0.0057
2074 Sep	591	0.106	0.273	0.0181	22.9	0.237	371	0.00952	0.000952	0.00000828	0.0136	0.0156	0.415	0.0406	0.0000118	108	0.0000798	0.00972	0.000789	0.0057
2074 Oct	586	0.105	0.267	0.0178	22.5	0.236	369	0.00938	0.000935	0.00000819	0.0135	0.0155	0.413	0.0401	0.0000117	107	0.0000794	0.00969	0.000781	0.00568
2074 Nov	587	0.104	0.265	0.0177	22.3	0.237	370	0.00933	0.000929	0.00000819	0.0135	0.0155	0.416	0.0401	0.0000117	107	0.0000797	0.00975	0.000782	0.0057
2074 Dec	587	0.104	0.265	0.0177	22.3	0.237	370	0.00932	0.000928	0.00000819	0.0135	0.0155	0.416	0.0401	0.0000117	107	0.0000798	0.00975	0.000782	0.00571
2075 Jan	587	0.104	0.265	0.0177	22.3	0.238	370	0.00932	0.000928	0.00000819	0.0135	0.0155	0.416	0.0401	0.0000117	107	0.0000798	0.00976	0.000782	0.00571
2075 Feb	588	0.104	0.265	0.0177	22.3	0.238	370	0.00932	0.000928	0.00000819	0.0135	0.0155	0.416	0.0401	0.0000117	107	0.0000798	0.00976	0.000782	0.00571
2075 Mar	588	0.104	0.266	0.0177	22.3	0.238	370	0.00933	0.000929	0.0000082	0.0135	0.0155	0.416	0.0402	0.0000117	107	0.0000799	0.00977	0.000783	0.00572
2075 Apr	591	0.105	0.267	0.0178	22.4	0.239	372	0.00938	0.000933	0.00000824	0.0136	0.0156	0.418	0.0404	0.0000118	107	0.0000802	0.00981	0.000786	0.00574
2075 May	599	0.105	0.269	0.0179	22.6	0.243	377	0.00944	0.00094	0.00000834	0.0138	0.0157	0.425	0.0409	0.0000119	109	0.0000815	0.00998	0.000798	0.00584
2075 Jun	556	0.0969	0.246	0.0167	20.8	0.225	350	0.00887	0.000913	0.00000792	0.013	0.0147	0.393	0.038	0.0000113	101	0.0000762	0.00922	0.000738	0.00541
2075 Jul	560	0.0968	0.244	0.0169	20.7	0.226	353	0.00901	0.00093	0.00000802	0.0132	0.0148	0.396	0.0382	0.0000114	102	0.0000768	0.00927	0.00074	0.00544
2075 Aug	583	0.0993	0.249	0.0177	21.1	0.235	368	0.00946	0.000956	0.00000828	0.0136	0.0155	0.412	0.0393	0.0000118	106	0.0000797	0.00965	0.000765	0.00564
2075 Sep	594	0.1	0.251	0.018	21.2	0.24	376	0.00965	0.000965	0.00000839	0.0138	0.0158	0.42	0.0398	0.000012	108	0.0000811	0.00984	0.000776	0.00574
2075 Oct	592	0.0995	0.249	0.0179	21	0.239	375	0.00961	0.000958	0.00000835	0.0138	0.0158	0.419	0.0396	0.0000119	108	0.0000808	0.00982	0.000773	0.00573
2075 Nov	593	0.0995	0.248	0.0179	20.9	0.239	375	0.00961	0.000958	0.00000836	0.0138	0.0158	0.42	0.0396	0.0000119	108	0.0000809	0.00983	0.000773	0.00574
2075 Dec	593	0.0996	0.248	0.0179	20.9	0.239	375	0.0096	0.000959	0.00000836	0.0138	0.0158	0.42	0.0396	0.0000119	108	0.0000809	0.00983	0.000773	0.00574

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	593	0.0996	0.248	0.0179	20.9	0.239	375	0.0096	0.000959	0.00000836	0.0138	0.0158	0.42	0.0396	0.0000119	108	0.0000809	0.00983	0.000773	0.00574
2076 Feb	593	0.0996	0.248	0.0179	20.9	0.24	375	0.00961	0.000959	0.00000836	0.0138	0.0158	0.42	0.0396	0.000012	108	0.000081	0.00983	0.000773	0.00574
2076 Mar	593	0.0997	0.249	0.018	21	0.24	376	0.00962	0.00096	0.00000837	0.0138	0.0158	0.42	0.0397	0.000012	108	0.000081	0.00984	0.000774	0.00574
2076 Apr	595	0.1	0.249	0.018	21	0.24	377	0.00965	0.000963	0.00000839	0.0138	0.0158	0.422	0.0398	0.000012	108	0.0000812	0.00987	0.000776	0.00576
2076 May	598	0.101	0.25	0.0181	21.2	0.241	378	0.0097	0.000973	0.00000846	0.0139	0.0159	0.423	0.0402	0.0000121	109	0.0000816	0.0099	0.000783	0.00579
2076 Jun	551	0.0936	0.226	0.0168	19.8	0.221	348	0.00905	0.00093	0.00000792	0.013	0.0147	0.387	0.0379	0.0000113	101	0.0000754	0.00907	0.000733	0.00532
2076 Jul	570	0.0957	0.23	0.0175	20.1	0.228	360	0.00947	0.000957	0.00000815	0.0133	0.0153	0.4	0.0388	0.0000116	104	0.0000776	0.00935	0.000753	0.00547
2076 Aug	605	0.0996	0.238	0.0187	20.6	0.241	383	0.0102	0.000998	0.00000855	0.014	0.0163	0.424	0.0405	0.0000122	111	0.0000818	0.0099	0.00079	0.00578
2076 Sep	616	0.101	0.24	0.019	20.7	0.245	391	0.0103	0.00101	0.00000867	0.0142	0.0166	0.432	0.0411	0.0000124	113	0.0000833	0.0101	0.000803	0.00589
2076 Oct	603	0.0987	0.234	0.0186	20.2	0.241	383	0.0101	0.000987	0.0000085	0.0139	0.0163	0.424	0.0402	0.0000122	110	0.0000817	0.00991	0.000786	0.00578
2076 Nov	601	0.0984	0.232	0.0184	20.1	0.24	382	0.01	0.000983	0.00000847	0.0139	0.0162	0.423	0.0401	0.0000121	110	0.0000814	0.00988	0.000783	0.00576
2076 Dec	601	0.0984	0.232	0.0184	20.1	0.241	382	0.01	0.000983	0.00000848	0.0139	0.0162	0.423	0.0401	0.0000121	110	0.0000815	0.00989	0.000783	0.00577
2077 Jan	601	0.0984	0.232	0.0184	20.1	0.241	382	0.01	0.000983	0.00000848	0.0139	0.0162	0.423	0.0401	0.0000121	110	0.0000815	0.00989	0.000783	0.00577
2077 Feb	601	0.0984	0.232	0.0185	20.1	0.241	382	0.01	0.000983	0.00000848	0.0139	0.0162	0.423	0.0401	0.0000121	110	0.0000815	0.00989	0.000783	0.00577
2077 Mar	601	0.0984	0.232	0.0185	20.1	0.241	382	0.01	0.000983	0.00000848	0.0139	0.0162	0.423	0.0401	0.0000121	110	0.0000815	0.00989	0.000783	0.00577
2077 Apr	603	0.0987	0.233	0.0185	20.2	0.241	383	0.0101	0.000987	0.00000851	0.014	0.0163	0.425	0.0402	0.0000122	110	0.0000818	0.00993	0.000786	0.00579
2077 May	603	0.099	0.232	0.0185	20.3	0.241	382	0.0101	0.000992	0.00000853	0.014	0.0163	0.424	0.0405	0.0000122	110	0.0000818	0.0099	0.00079	0.00578
2077 Jun	554	0.0922	0.209	0.017	19.1	0.221	350	0.00929	0.000944	0.00000797	0.013	0.015	0.387	0.0385	0.0000113	102	0.0000754	0.00906	0.000745	0.00532
2077 Jul	582	0.0958	0.217	0.0179	19.7	0.231	368	0.00983	0.000984	0.00000832	0.0136	0.0158	0.406	0.0401	0.0000119	107	0.0000789	0.00949	0.000777	0.00557
2077 Aug	616	0.0995	0.224	0.0191	20.2	0.244	391	0.0105	0.00102	0.00000871	0.0142	0.0168	0.429	0.0418	0.0000125	114	0.000083	0.01	0.000815	0.00586
2077 Sep	601	0.0964	0.214	0.0186	19.3	0.239	382	0.0102	0.000991	0.00000847	0.0138	0.0164	0.42	0.0405	0.0000122	111	0.000081	0.00982	0.000792	0.00573
2077 Oct	597	0.0958	0.211	0.0184	19.2	0.238	380	0.0101	0.000984	0.00000843	0.0138	0.0163	0.419	0.0403	0.0000121	110	0.0000806	0.00978	0.000786	0.00571
2077 Nov	598	0.096	0.211	0.0184	19.2	0.238	381	0.0101	0.000985	0.00000844	0.0138	0.0163	0.419	0.0403	0.0000121	110	0.0000808	0.0098	0.000787	0.00572
2077 Dec	598	0.096	0.211	0.0184	19.2	0.238	381	0.0101	0.000985	0.00000844	0.0138	0.0163	0.419	0.0403	0.0000121	110	0.0000808	0.0098	0.000787	0.00572
2078 Jan	598	0.096	0.211	0.0184	19.2	0.238	381	0.0101	0.000985	0.00000844	0.0138	0.0163	0.419	0.0403	0.0000121	110	0.0000808	0.0098	0.000787	0.00572
2078 Feb	599	0.096	0.211	0.0184	19.2	0.238	381	0.0101	0.000985	0.00000844	0.0138	0.0163	0.42	0.0403	0.0000121	110	0.0000808	0.0098	0.000787	0.00572
2078 Mar	599	0.0961	0.211	0.0184	19.2	0.238	381	0.0102	0.000986	0.00000845	0.0138	0.0163	0.42	0.0404	0.0000121	110	0.0000808	0.00981	0.000788	0.00573
2078 Apr	602	0.0966	0.213	0.0185	19.3	0.24	383	0.0102	0.000991	0.0000085	0.0139	0.0164	0.422	0.0406	0.0000122	111	0.0000813	0.00986	0.000792	0.00576
2078 May	587	0.095	0.205	0.0179	19.1	0.234	372	0.0099	0.000984	0.00000836	0.0136	0.0159	0.41	0.0405	0.0000119	108	0.0000795	0.0096	0.000787	0.00563
2078 Jun	545	0.0892	0.187	0.0166	18.1	0.216	344	0.0092	0.000936	0.00000786	0.0128	0.0148	0.379	0.0387	0.0000112	101	0.000074	0.00888	0.000747	0.00523
2078 Jul	577	0.0933	0.194	0.0177	18.8	0.228	366	0.00984	0.00098	0.00000826	0.0134	0.0157	0.402	0.0405	0.0000118	107	0.0000781	0.0094	0.000786	0.00552
2078 Aug	601	0.0949	0.197	0.0184	18.9	0.238	382	0.0103	0.000998	0.00000849	0.0138	0.0164	0.419	0.0416	0.0000122	112	0.000081	0.00981	0.00081	0.00574
2078 Sep	611	0.0953	0.198	0.0186	18.9	0.243	389	0.0104	0.001	0.00000859	0.014	0.0167	0.428	0.042	0.0000123	113	0.0000824	0.01	0.000821	0.00585
2078 Oct	607	0.0942	0.195	0.0184	18.6	0.242	387	0.0103	0.000988	0.00000852	0.0139	0.0165	0.427	0.0417	0.0000122	112	0.0000821	0.00998	0.000815	0.00583
2078 Nov	606	0.0941	0.194	0.0183	18.5	0.242	387	0.0102	0.000986	0.00000851	0.0139	0.0165	0.426	0.0416	0.0000122	112	0.000082	0.00998	0.000813	0.00583
2078 Dec	607	0.0941	0.194	0.0183	18.6	0.242	387	0.0102	0.000986	0.00000852	0.0139	0.0165	0.427	0.0416	0.0000122	112	0.000082	0.00998	0.000813	0.00583
2079 Jan	607	0.0941	0.194	0.0183	18.5	0.242	387	0.0102	0.000986	0.00000852	0.0139	0.0165	0.427	0.0416	0.0000122	112	0.000082	0.00998	0.000813	0.00583
2079 Feb	607	0.0941	0.194	0.0183	18.5	0.242	387	0.0102	0.000986	0.00000852	0.0139	0.0165	0.427	0.0416	0.0000122	112	0.0000821	0.00998	0.000813	0.00583
2079 Mar	607	0.0942	0.194	0.0183	18.6	0.242	387	0.0102	0.000987	0.00000852	0.0139	0.0165	0.427	0.0416	0.0000122	112	0.0000821	0.00999	0.000814	0.00584
2079 Apr	609	0.0945	0.195	0.0184	18.6	0.243	388	0.0103	0.00099	0.00000855	0.014	0.0166	0.428	0.0418	0.0000123	113	0.0000824	0.01	0.000817	0.00586
2079 May	617	0.0958	0.197	0.0186	18.9	0.246	393	0.0104	0.001	0.00000867	0.0142	0.0168	0.434	0.0424	0.0000124	114	0.0000835	0.0102	0.000828	0.00594
2079 Jun	556	0.0862	0.175	0.0168	17.1	0.222	354	0.00943	0.00095	0.00000802	0.0131	0.0152	0.39	0.0387	0.0000114	103	0.000076	0.00913	0.000751	0.00536
2079 Jul	561	0.0861	0.174	0.017	17	0.224	357	0.00956	0.000958	0.00000809	0.0132	0.0153	0.394	0.0388	0.0000115	104	0.0000766	0.0092	0.000754	0.0054
2079 Aug	590	0.0888	0.179	0.018	17.4	0.235	377	0.0101	0.00099	0.00000842	0.0137	0.0162	0.414	0.0402	0.000012	109	0.0000802	0.00968	0.000785	0.00566
2079 Sep	588	0.0876	0.175	0.0178	16.9	0.235	376	0.0101	0.000975	0.00000834	0.0136	0.0161	0.414	0.0398	0.000012	109	0.0000799	0.00967	0.000778	0.00564
2079 Oct	582	0.0866	0.172	0.0176	16.7	0.233	372	0.00991	0.000962	0.00000825	0.0135	0.0159	0.41	0.0393	0.0000118	108	0.0000792	0.00959	0.000769	0.0056
2079 Nov	578	0.0863	0.171	0.0175	16.6	0.232	370	0.00985	0.000957	0.00000821	0.0134	0.0158	0.408	0.0391	0.0000118	107	0.0000787	0.00954	0.000764	0.00557
2079 Dec	576	0.0861	0.169	0.0174	16.5	0.231	368	0.00979	0.000954	0.00000818	0.0134	0.0157	0.406	0.0389	0.0000117	107	0.0000784	0.00949	0.000761	0.00554
2080 Jan	575	0.0861	0.169	0.0173	16.5	0.231	368	0.00979	0.000954	0.00000818	0.0134	0.0157	0.406	0.0389	0.0000117	106	0.0000784	0.00949	0.000761	0.00554
2080 Feb	576	0.0861	0.169	0.0173	16.5	0.231	368	0.00979	0.000955	0.00000818	0.0134	0.0157	0.406	0.039	0.0000117	107	0.0000784	0.00949	0.000761	0.00554
2080 Mar	576	0.0861	0.169	0.0174	16.5	0.231	368	0.00979	0.000955	0.00000818	0.0134	0.0157	0.406	0.039	0.0000117	107	0.0000784	0.00949	0.000761	0.00554
2080 Apr	577	0.0863	0.17	0.0174	16.5	0.231	369	0.00981	0.000957	0.0000082	0.0134	0.0158	0.407	0.0391	0.0000117	107	0.0000786	0.00951	0.000763	0.00555
2080 May	586	0.0876	0.172	0.0177	16.8	0.235	375	0.00996	0.000971	0.00000832	0.0136	0.016	0.413	0.0396	0.0000119	108	0.0000797	0.00966	0.000774	0.00564
2080 Jun	561	0.0835	0.163	0.017	16	0.225	358	0.00959	0.000953	0.00000807	0.0132	0.0153	0.395	0.038	0.0000115	104	0.0000767	0.00923	0.00074	0.0054
2080 Jul	565	0.0828	0.161	0.0172	15.7	0.226	362	0.00976	0.00096	0.00000811	0.0132	0.0155	0.397	0.0378	0.0000116	105	0.000077	0.00927	0.000738	0.00541
2080 Aug	584	0.0842	0.163	0.0178	15.8	0.233	375	0.0101	0.000979	0.00000832	0.0136	0.0161	0.411	0.0387	0.0000119	108	0.0000793	0.00958	0.000757	0.00558
2080 Sep	586	0.0836	0.161	0.0179	15.6	0.234	377	0.0102	0.000971	0.00000831	0.0136	0.0161	0.413	0.0385	0.0000119	108	0.0000795	0.00964	0.000756	0.0056
2080 Oct	584	0.083	0.159	0.0177	15.4	0.234	376	0.0101	0.000962	0.00000826	0.0135	0.0161	0.413	0.0383	0.0000119	108	0.0000793	0.00963	0.000752	0.00559
2080 Nov	581	0.0825	0.158	0.0176	15.3	0.233	374	0.01	0.000956	0.00000822	0.0135	0.016	0.411	0.0381	0.0000118	107	0.000079	0.00959	0.000748	0.00557
2080 Dec	581	0.0825	0.158	0.0176	15.3	0.233	374	0.01	0.000955	0.00000822	0.0135	0.016	0.411	0.0381	0.0000118	107	0.000079	0.00959	0.000748	0.00557
2081 Jan	581	0.0825	0.158	0.0176	15.3	0.233	374	0.01	0.000955	0.00000822	0.0135	0.016	0.411	0.0381	0.0000118	107	0.000079	0.00959	0.000748	0.00557
2081 Feb	581	0.0825	0.158	0.0176	15.3	0.233	374	0.01	0.000955	0.00000822	0.0135	0.016	0.411	0.0381	0.0000118	107	0.000079	0.00959	0.000748	0.00557
2081 Mar	581	0.0825	0.158	0.0176	15.3	0.233	374	0.01	0.000956	0.00000822	0.0135	0.016	0.411	0.0381	0.0000118	107	0.000079	0.0096	0.000748	0.00557
2081 Apr	583	0.0828	0.158	0.0177	15.3	0.234	375	0.0101	0.000959	0.00000825	0.0135	0.016	0.413	0.0382	0.0000119	108	0.0000793	0.00963	0.000751	0.00559
2081 May	578	0.083	0.156	0.0175	15.5	0.232	371	0.00998	0.000964	0.00000823	0.0134	0.0159	0.408	0.0385	0.0000118	107	0.0000787	0.00952	0.000753	0.00555
2081 Jun	553	0.0801	0.148	0.0168	15.1	0.221	354	0.00957	0.00094	0.00000794	0.0129	0.0152	0.389	0.0374	0.0000114	103	0.0000753	0.00907	0.00073	0.0053
2081 Jul	586	0.0843	0.155	0.0179	15.7	0.233	376	0.0102	0.000991	0.00000838	0.0136	0.0162	0.411	0.0394	0.000012	109	0.0000796	0.0096	0.00077	0.0056
2081 Aug	627	0.0884	0.162	0.0193	16.2	0.248	403	0.0111	0.00104	0.00000884	0.0144	0.0174	0.439	0.0414	0.0000127	116	0.0000844	0.0102	0.000813	0.00595
2081 Sep	631	0.0883	0.161	0.0194	16.1	0.251	407	0.0111	0.00104	0.00000887	0.0144	0.0175	0.443	0.0415	0.0000128	117	0.000085	0.0103	0.000816	0.006
2081 Oct	632	0.0881	0.16	0.0193	16	0.251	407	0.0111	0.00103	0.00000886	0.0145	0.0175	0.445	0.0415	0.0000128	117	0.0000852	0.0104	0.000816	0.00601
2081 Nov	624	0.0871	0.158	0.0191	15.8	0.249	403	0.0109	0.00102	0.00000876	0.0143	0.0173	0.44	0.041	0.0000126	116	0.0000843	0.0103	0.000807	0.00595
2081 Dec	623	0.087	0.157	0.019	15.8	0.248	402	0.0109	0.00102	0.00000875	0.0143	0.0173	0.439	0.0409	0.0000126	116	0.0000841	0.0102	0.000805	0.00594
2082 Jan	623	0.087	0.157	0.019	15.8	0.248	402	0.0109	0.00102	0.00000875	0.0143	0.0173	0.439	0.0409	0.0000126	116	0.0000841	0.0102	0.000805	0.00594
2082 Feb	623	0.0871	0.157	0.019	15.8	0.248	402	0.0109	0.00102	0.00000875	0.0143	0.0173	0.439	0.0409	0.0000126	116	0.0000841	0.0102	0.000805	0.00594
2082 Mar	623	0.0871	0.157	0.019	15.8	0.248	402	0.0109	0.00102	0.00000875	0.0143	0.0173	0.439	0.0409	0.0000126	116	0.0000842	0.0102	0.000806	0.00595
2082 Apr	625	0.0874	0.158	0.0191	15.8	0.249	403	0.0109	0.00102	0.00000878	0.0143	0.0173	0.441	0.0411	0.0000127	116	0.0000844	0.0103	0.000808	0.00596
2082 May	633	0.0885	0.16	0.0193	16	0.252	408	0.0111	0.00104	0.00000889	0.0145	0.0176	0.446	0.0416	0.0000128	117	0.0000855	0.0104	0.000819	0.00604

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	578	0.0798	0.143	0.0176	14.5	0.231	372	0.0101	0.000982	0.0000083	0.0135	0.016	0.407	0.0381	0.0000119	107	0.0000789	0.0095	0.000746	0.00553
2082 Jul	560	0.0767	0.137	0.0171	14	0.224	360	0.00985	0.00097	0.00000813	0.0132	0.0155	0.394	0.0369	0.0000116	104	0.0000767	0.00918	0.000721	0.00535
2082 Aug	585	0.0795	0.141	0.018	14.3	0.233	377	0.0104	0.00101	0.00000843	0.0137	0.0163	0.411	0.0381	0.0000121	109	0.0000797	0.00957	0.000747	0.00556
2082 Sep	595	0.0802	0.142	0.0184	14.3	0.236	384	0.0106	0.00102	0.00000853	0.0139	0.0166	0.418	0.0385	0.0000122	110	0.0000808	0.00972	0.000756	0.00564
2082 Oct	577	0.0784	0.136	0.0178	13.8	0.229	373	0.0103	0.000987	0.00000829	0.0135	0.0161	0.405	0.0373	0.0000119	107	0.0000783	0.00943	0.000731	0.00547
2082 Nov	577	0.0786	0.136	0.0178	13.8	0.23	373	0.0103	0.000988	0.00000829	0.0135	0.0161	0.405	0.0373	0.0000119	107	0.0000784	0.00943	0.000731	0.00548
2082 Dec	577	0.0786	0.136	0.0178	13.8	0.23	373	0.0103	0.000988	0.0000083	0.0135	0.0161	0.406	0.0373	0.0000119	107	0.0000784	0.00944	0.000732	0.00548
2083 Jan	577	0.0787	0.136	0.0178	13.8	0.23	373	0.0103	0.000988	0.0000083	0.0135	0.0161	0.406	0.0373	0.0000119	107	0.0000785	0.00944	0.000732	0.00548
2083 Feb	577	0.0787	0.136	0.0178	13.8	0.23	373	0.0103	0.000988	0.0000083	0.0135	0.0161	0.406	0.0373	0.0000119	107	0.0000785	0.00944	0.000732	0.00548
2083 Mar	578	0.0787	0.136	0.0178	13.9	0.23	373	0.0103	0.000989	0.00000831	0.0135	0.0161	0.406	0.0374	0.0000119	107	0.0000785	0.00945	0.000733	0.00549
2083 Apr	580	0.0791	0.137	0.0179	13.9	0.231	375	0.0104	0.000993	0.00000834	0.0136	0.0162	0.408	0.0375	0.000012	108	0.0000788	0.00949	0.000735	0.00551
2083 May	580	0.0793	0.135	0.0178	14	0.231	374	0.0103	0.000997	0.00000836	0.0136	0.0162	0.408	0.0379	0.000012	108	0.000079	0.00949	0.000743	0.00552
2083 Jun	534	0.0741	0.122	0.0163	13.4	0.212	343	0.00949	0.000944	0.00000781	0.0127	0.0149	0.374	0.0361	0.0000111	99.9	0.000073	0.00871	0.000701	0.0051
2083 Jul	553	0.0759	0.124	0.0171	13.5	0.219	356	0.00993	0.000969	0.00000803	0.013	0.0155	0.386	0.0369	0.0000115	103	0.0000752	0.00899	0.00072	0.00525
2083 Aug	572	0.0767	0.125	0.0177	13.4	0.226	369	0.0103	0.000985	0.00000822	0.0133	0.0161	0.4	0.0376	0.0000118	107	0.0000773	0.0093	0.000737	0.00541
2083 Sep	572	0.076	0.123	0.0176	13.2	0.227	370	0.0103	0.000972	0.00000818	0.0133	0.0161	0.402	0.0374	0.0000118	107	0.0000774	0.00934	0.000734	0.00543
2083 Oct	556	0.0742	0.118	0.017	12.8	0.222	360	0.00994	0.000944	0.00000796	0.0129	0.0156	0.391	0.0364	0.0000114	104	0.0000754	0.00911	0.000713	0.00529
2083 Nov	552	0.0737	0.117	0.0169	12.7	0.22	357	0.00984	0.000937	0.00000791	0.0129	0.0154	0.389	0.0361	0.0000114	103	0.0000749	0.00905	0.000708	0.00526
2083 Dec	552	0.0738	0.117	0.0169	12.7	0.22	357	0.00984	0.000937	0.00000791	0.0129	0.0154	0.389	0.0361	0.0000114	103	0.0000749	0.00906	0.000708	0.00526
2084 Jan	552	0.0738	0.117	0.0169	12.7	0.22	357	0.00984	0.000937	0.00000791	0.0129	0.0154	0.389	0.0361	0.0000114	103	0.0000749	0.00906	0.000708	0.00526
2084 Feb	552	0.0738	0.117	0.0169	12.7	0.22	357	0.00984	0.000937	0.00000791	0.0129	0.0154	0.389	0.0361	0.0000114	103	0.0000749	0.00906	0.000708	0.00527
2084 Mar	553	0.0738	0.117	0.0169	12.7	0.221	358	0.00985	0.000938	0.00000791	0.0129	0.0155	0.389	0.0362	0.0000114	103	0.000075	0.00906	0.000709	0.00527
2084 Apr	556	0.0743	0.118	0.017	12.8	0.222	360	0.0099	0.000943	0.00000796	0.0129	0.0155	0.392	0.0364	0.0000114	104	0.0000754	0.00912	0.000713	0.0053
2084 May	553	0.0746	0.116	0.0168	13	0.221	357	0.00981	0.000949	0.00000797	0.0129	0.0154	0.389	0.0368	0.0000114	103	0.0000752	0.00906	0.000718	0.00528
2084 Jun	510	0.0704	0.106	0.0155	12.5	0.203	328	0.00904	0.000902	0.00000747	0.0121	0.0142	0.357	0.0351	0.0000106	95.8	0.0000697	0.00833	0.000681	0.00489
2084 Jul	534	0.0729	0.11	0.0163	12.8	0.212	343	0.00953	0.000934	0.00000775	0.0125	0.0149	0.373	0.0364	0.0000111	100	0.0000725	0.0087	0.000708	0.00509
2084 Aug	561	0.0751	0.112	0.0172	13	0.222	362	0.0101	0.00096	0.00000804	0.013	0.0157	0.393	0.0377	0.0000115	105	0.0000758	0.00915	0.000736	0.00534
2084 Sep	564	0.0745	0.111	0.0172	12.8	0.224	365	0.0101	0.000952	0.00000804	0.013	0.0158	0.396	0.0376	0.0000116	106	0.0000763	0.00923	0.000738	0.00537
2084 Oct	556	0.0735	0.109	0.0168	12.6	0.222	359	0.00987	0.000935	0.00000792	0.0129	0.0155	0.391	0.0371	0.0000114	104	0.0000753	0.00912	0.000726	0.00531
2084 Nov	552	0.0733	0.108	0.0167	12.5	0.221	357	0.00979	0.00093	0.00000788	0.0128	0.0154	0.389	0.0369	0.0000113	103	0.0000749	0.00907	0.000722	0.00528
2084 Dec	553	0.0733	0.108	0.0167	12.5	0.221	357	0.00979	0.00093	0.00000788	0.0128	0.0154	0.389	0.0369	0.0000113	103	0.0000749	0.00908	0.000722	0.00529
2085 Jan	553	0.0733	0.108	0.0167	12.5	0.221	357	0.00979	0.00093	0.00000788	0.0128	0.0154	0.39	0.0369	0.0000113	103	0.0000749	0.00908	0.000722	0.00529
2085 Feb	553	0.0733	0.108	0.0167	12.5	0.221	357	0.00979	0.00093	0.00000788	0.0128	0.0154	0.39	0.0369	0.0000113	103	0.000075	0.00908	0.000723	0.00529
2085 Mar	553	0.0733	0.108	0.0167	12.5	0.221	358	0.0098	0.00093	0.00000789	0.0128	0.0154	0.39	0.0369	0.0000113	103	0.000075	0.00908	0.000723	0.00529
2085 Apr	555	0.0735	0.108	0.0167	12.6	0.221	359	0.00983	0.000933	0.00000791	0.0129	0.0155	0.391	0.037	0.0000114	104	0.0000752	0.00911	0.000725	0.00531
2085 May	554	0.0737	0.108	0.0166	12.7	0.221	357	0.00978	0.000937	0.00000792	0.0129	0.0154	0.39	0.0373	0.0000114	104	0.0000752	0.0091	0.000729	0.00531
2085 Jun	540	0.0726	0.104	0.0162	12.6	0.215	348	0.00952	0.000925	0.00000778	0.0126	0.015	0.379	0.037	0.0000111	101	0.0000734	0.00885	0.00072	0.00518
2085 Jul	569	0.0756	0.108	0.0172	13	0.226	367	0.0101	0.000962	0.00000812	0.0132	0.0159	0.4	0.0385	0.0000117	107	0.000077	0.00932	0.000753	0.00544
2085 Aug	587	0.0759	0.108	0.0177	12.8	0.234	380	0.0104	0.000964	0.00000826	0.0134	0.0164	0.414	0.039	0.0000119	110	0.0000792	0.00965	0.000769	0.00561
2085 Sep	581	0.0745	0.106	0.0173	12.5	0.233	377	0.0102	0.000942	0.00000814	0.0133	0.0162	0.412	0.0385	0.0000118	108	0.0000786	0.00961	0.000758	0.00557
2085 Oct	572	0.0733	0.103	0.017	12.2	0.23	372	0.01	0.000924	0.00000802	0.0131	0.0159	0.407	0.0379	0.0000116	107	0.0000776	0.0095	0.000747	0.00551
2085 Nov	566	0.0727	0.102	0.0167	12.1	0.228	368	0.00987	0.000915	0.00000794	0.013	0.0157	0.403	0.0375	0.0000115	106	0.0000769	0.00941	0.000739	0.00546
2085 Dec	566	0.0728	0.102	0.0167	12.1	0.228	367	0.00986	0.000915	0.00000795	0.013	0.0157	0.403	0.0375	0.0000115	106	0.0000769	0.00941	0.000739	0.00546
2086 Jan	566	0.0728	0.102	0.0167	12.1	0.228	367	0.00986	0.000915	0.00000795	0.013	0.0157	0.403	0.0375	0.0000115	106	0.0000769	0.00941	0.000739	0.00546
2086 Feb	566	0.0728	0.102	0.0167	12.1	0.228	368	0.00986	0.000915	0.00000795	0.013	0.0157	0.403	0.0375	0.0000115	106	0.0000769	0.00941	0.000739	0.00546
2086 Mar	566	0.0728	0.102	0.0168	12.1	0.228	368	0.00987	0.000915	0.00000795	0.013	0.0157	0.403	0.0375	0.0000115	106	0.0000769	0.00941	0.000739	0.00546
2086 Apr	569	0.0731	0.102	0.0168	12.1	0.229	369	0.00991	0.000919	0.00000798	0.0131	0.0158	0.405	0.0377	0.0000115	106	0.0000772	0.00945	0.000742	0.00549
2086 May	575	0.074	0.103	0.017	12.3	0.232	373	0.01	0.000931	0.00000808	0.0132	0.016	0.409	0.0382	0.0000117	107	0.0000781	0.00955	0.000752	0.00555
2086 Jun	526	0.0688	0.0932	0.0155	11.8	0.212	339	0.00914	0.000891	0.00000757	0.0123	0.0146	0.373	0.036	0.0000108	98.5	0.0000721	0.00871	0.000703	0.00509
2086 Jul	546	0.0704	0.0949	0.0162	11.9	0.219	353	0.00956	0.000919	0.00000782	0.0127	0.0152	0.387	0.037	0.0000112	102	0.0000746	0.00903	0.000723	0.00526
2086 Aug	569	0.0715	0.0961	0.0168	11.9	0.229	369	0.00995	0.000933	0.00000804	0.0131	0.0158	0.405	0.0379	0.0000116	106	0.0000775	0.00944	0.000746	0.00549
2086 Sep	568	0.0703	0.0942	0.0166	11.6	0.23	369	0.00985	0.000919	0.00000799	0.0131	0.0157	0.406	0.0376	0.0000115	106	0.0000774	0.00947	0.000741	0.00549
2086 Oct	568	0.0701	0.0937	0.0165	11.5	0.23	369	0.0098	0.000914	0.00000798	0.0131	0.0157	0.407	0.0376	0.0000115	106	0.0000775	0.00949	0.000741	0.00551
2086 Nov	569	0.0702	0.0938	0.0166	11.6	0.231	370	0.00981	0.000916	0.000008	0.0131	0.0157	0.408	0.0377	0.0000116	106	0.0000777	0.00952	0.000742	0.00552
2086 Dec	569	0.0703	0.0938	0.0166	11.6	0.231	370	0.00981	0.000916	0.000008	0.0131	0.0157	0.408	0.0377	0.0000116	106	0.0000778	0.00953	0.000743	0.00552
2087 Jan	569	0.0703	0.0938	0.0166	11.6	0.231	370	0.00982	0.000916	0.000008	0.0131	0.0158	0.408	0.0377	0.0000116	106	0.0000778	0.00953	0.000743	0.00552
2087 Feb	569	0.0703	0.0938	0.0166	11.6	0.231	370	0.00982	0.000916	0.00000801	0.0131	0.0158	0.408	0.0377	0.0000116	106	0.0000778	0.00953	0.000743	0.00553
2087 Mar	570	0.0703	0.0939	0.0166	11.6	0.231	371	0.00983	0.000917	0.00000801	0.0131	0.0158	0.409	0.0377	0.0000116	106	0.0000779	0.00954	0.000744	0.00553
2087 Apr	571	0.0705	0.0941	0.0166	11.6	0.232	371	0.00985	0.000919	0.00000803	0.0132	0.0158	0.409	0.0378	0.0000116	106	0.000078	0.00956	0.000745	0.00554
2087 May	568	0.0707	0.0935	0.0165	11.7	0.23	369	0.00979	0.000922	0.00000802	0.0131	0.0157	0.406	0.038	0.0000116	106	0.0000776	0.00949	0.000747	0.00551
2087 Jun	535	0.0686	0.0876	0.0155	11.8	0.216	345	0.0092	0.0009	0.00000769	0.0125	0.0148	0.38	0.0372	0.000011	100	0.0000734	0.00889	0.000724	0.0052
2087 Jul	554	0.0706	0.09	0.0161	12	0.224	358	0.00957	0.000926	0.00000793	0.0129	0.0153	0.394	0.0383	0.0000114	104	0.000076	0.00922	0.000748	0.00539
2087 Aug	585	0.0731	0.0931	0.0171	12.2	0.236	379	0.0102	0.000958	0.00000827	0.0135	0.0162	0.416	0.0398	0.0000119	110	0.0000797	0.00973	0.000781	0.00566
2087 Sep	599	0.0739	0.094	0.0175	12.3	0.242	389	0.0104	0.000966	0.00000841	0.0137	0.0166	0.428	0.0404	0.0000122	112	0.0000816	0.00999	0.000796	0.0058
2087 Oct	597	0.0733	0.0932	0.0173	12.2	0.241	387	0.0103	0.000957	0.00000837	0.0137	0.0165	0.427	0.0402	0.0000121	111	0.0000814	0.00997	0.000793	0.00579
2087 Nov	595	0.0732	0.0928	0.0172	12.1	0.241	386	0.0102	0.000954	0.00000835	0.0137	0.0165	0.426	0.0401	0.0000121	111	0.0000812	0.00995	0.00079	0.00578
2087 Dec	595	0.0732	0.0928	0.0172	12.1	0.241	386	0.0102	0.000954	0.00000835	0.0137	0.0165	0.426	0.0401	0.0000121	111	0.0000812	0.00995	0.000791	0.00578
2088 Jan	595	0.0732	0.0928	0.0172	12.1	0.241	386	0.0102	0.000954	0.00000835	0.0137	0.0165	0.426	0.0401	0.0000121	111	0.0000812	0.00995	0.000791	0.00578
2088 Feb	595	0.0732	0.0928	0.0172	12.1	0.241	387	0.0102	0.000954	0.00000835	0.0137	0.0165	0.426	0.0401	0.0000121	111	0.0000812	0.00995	0.000791	0.00578
2088 Mar	596	0.0732	0.0929	0.0172	12.1	0.241	387	0.0103	0.000955	0.00000836	0.0137	0.0165	0.426	0.0402	0.0000121	111	0.0000813	0.00996	0.000792	0.00579
2088 Apr	601	0.0738	0.0936	0.0174	12.2	0.243	390	0.0103	0.000963	0.00000842	0.0138	0.0166	0.43	0.0405	0.0000122	112	0.000082	0.01	0.000798	0.00583
2088 May	611	0.0751	0.0952	0.0177	12.4	0.248	397	0.0105	0.00098	0.00000857	0.014	0.0169	0.437	0.0412	0.0000124	114	0.0000834	0.0102	0.000812	0.00594
2088 Jun	582	0.0714	0.0902	0.0169	11.9	0.236	378	0.0101	0.000963	0.0000083	0.0136	0.0161	0.416	0.0394	0.0000119	109	0.00008	0.00972	0.000773	0.00566
2088 Jul	602	0.0734	0.0927	0.0175	12.2	0.244	391	0.0104	0.000998	0.00000859	0.014	0.0167	0.43	0.0406	0.0000124	113	0.0000827	0.01	0.000797	0.00584
2088 Aug	644	0.0773	0.0975	0.0189	12.6	0.26	419	0.0112	0.00105	0.00000909	0.0149	0.0179	0.46	0.0428	0.0000131	120	0.000088	0.0107	0.000844	0.00622
2088 Sep	655	0.078	0.0984	0.0191	12.7	0.265	426	0.0114	0.00106	0.00000921	0.0151	0.0182	0.468	0.0433	0.0000133	122	0.0000895	0.0109	0.000856	0.00633
2088 Oct	633	0.0759	0.0946	0.0184	12.3	0.257	412	0.011	0.00102	0.00000892	0.0146	0.0176	0.454	0.0419	0.0000129	118	0.0000866	0.0106	0.000827	0.00614

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	629	0.0758	0.0938	0.0183	12.2	0.255	409	0.0109	0.00102	0.00000888	0.0145	0.0174	0.45	0.0417	0.0000128	117	0.0000861	0.0105	0.000822	0.0061
2088 Dec	629	0.0758	0.0938	0.0183	12.2	0.255	409	0.0109	0.00102	0.00000888	0.0146	0.0174	0.451	0.0417	0.0000128	117	0.0000861	0.0105	0.000822	0.0061
2089 Jan	629	0.0758	0.0938	0.0183	12.2	0.255	409	0.0109	0.00102	0.00000888	0.0146	0.0174	0.451	0.0417	0.0000128	117	0.0000861	0.0105	0.000822	0.0061
2089 Feb	629	0.0758	0.0938	0.0183	12.2	0.255	409	0.0109	0.00102	0.00000888	0.0146	0.0174	0.451	0.0417	0.0000128	117	0.0000861	0.0105	0.000822	0.0061
2089 Mar	630	0.0759	0.0939	0.0183	12.2	0.255	410	0.0109	0.00102	0.00000889	0.0146	0.0175	0.451	0.0418	0.0000128	117	0.0000862	0.0105	0.000823	0.00611
2089 Apr	633	0.0763	0.0944	0.0184	12.3	0.257	412	0.011	0.00103	0.00000894	0.0146	0.0176	0.454	0.042	0.0000129	118	0.0000867	0.0106	0.000827	0.00614
2089 May	630	0.0767	0.0939	0.0183	12.5	0.255	409	0.0109	0.00103	0.00000894	0.0146	0.0175	0.45	0.0422	0.0000129	118	0.0000863	0.0105	0.00083	0.00611
2089 Jun	605	0.0755	0.09	0.0176	12.6	0.244	392	0.0105	0.00102	0.00000869	0.0142	0.0168	0.43	0.0417	0.0000125	114	0.0000831	0.0101	0.000814	0.00587
2089 Jul	630	0.0777	0.0925	0.0184	12.8	0.254	409	0.011	0.00105	0.00000899	0.0146	0.0175	0.448	0.043	0.0000129	118	0.0000861	0.0105	0.000842	0.0061
2089 Aug	655	0.0796	0.0946	0.0192	13	0.264	426	0.0115	0.00108	0.00000928	0.0151	0.0183	0.466	0.0442	0.0000134	123	0.0000892	0.0109	0.000869	0.00633
2089 Sep	661	0.0795	0.0944	0.0193	12.9	0.267	430	0.0115	0.00108	0.00000932	0.0152	0.0184	0.471	0.0443	0.0000135	124	0.00009	0.011	0.000873	0.00639
2089 Oct	639	0.0773	0.09	0.0185	12.4	0.259	415	0.0111	0.00104	0.00000901	0.0147	0.0177	0.457	0.0428	0.000013	119	0.0000871	0.0107	0.000842	0.00619
2089 Nov	637	0.0773	0.0897	0.0185	12.3	0.258	415	0.0111	0.00103	0.00000899	0.0147	0.0177	0.456	0.0427	0.000013	119	0.000087	0.0106	0.00084	0.00618
2089 Dec	638	0.0773	0.0897	0.0185	12.3	0.258	415	0.0111	0.00104	0.000009	0.0147	0.0177	0.456	0.0427	0.000013	119	0.000087	0.0107	0.00084	0.00619
2090 Jan	638	0.0774	0.0897	0.0185	12.3	0.258	415	0.0111	0.00104	0.000009	0.0147	0.0177	0.456	0.0427	0.000013	119	0.0000871	0.0107	0.00084	0.00619
2090 Feb	638	0.0774	0.0897	0.0185	12.4	0.259	415	0.0111	0.00104	0.000009	0.0147	0.0177	0.456	0.0427	0.000013	119	0.0000871	0.0107	0.000841	0.00619
2090 Mar	638	0.0774	0.0898	0.0185	12.4	0.259	415	0.0111	0.00104	0.00000901	0.0147	0.0177	0.457	0.0428	0.000013	119	0.0000872	0.0107	0.000841	0.0062
2090 Apr	640	0.0777	0.0901	0.0186	12.4	0.26	417	0.0111	0.00104	0.00000904	0.0148	0.0178	0.458	0.0429	0.000013	120	0.0000874	0.0107	0.000844	0.00622
2090 May	647	0.0783	0.0907	0.0187	12.5	0.262	421	0.0112	0.00105	0.00000912	0.0149	0.0179	0.463	0.0433	0.0000132	121	0.0000883	0.0108	0.000853	0.00628
2090 Jun	583	0.0719	0.0807	0.0167	11.9	0.237	378	0.01	0.000982	0.00000842	0.0137	0.0161	0.417	0.0405	0.000012	110	0.0000805	0.00975	0.00079	0.00571
2090 Jul	604	0.0738	0.0827	0.0174	12.1	0.245	391	0.0104	0.00101	0.00000866	0.0141	0.0167	0.431	0.0416	0.0000124	113	0.0000831	0.0101	0.000813	0.00589
2090 Aug	596	0.0719	0.0798	0.0171	11.7	0.242	387	0.0103	0.000988	0.00000852	0.0139	0.0165	0.427	0.0407	0.0000122	112	0.0000818	0.00997	0.000796	0.00581
2090 Sep	587	0.0708	0.0774	0.0167	11.4	0.24	381	0.0101	0.000967	0.00000838	0.0137	0.0162	0.422	0.0399	0.000012	110	0.0000806	0.00985	0.000781	0.00574
2090 Oct	567	0.0693	0.074	0.0161	11	0.232	368	0.00969	0.000938	0.00000812	0.0133	0.0156	0.408	0.0385	0.0000117	106	0.000078	0.00953	0.000753	0.00556
2090 Nov	559	0.0686	0.0728	0.0159	10.8	0.229	363	0.00955	0.000925	0.00000801	0.0131	0.0154	0.402	0.038	0.0000115	105	0.0000769	0.0094	0.000742	0.00548
2090 Dec	559	0.0686	0.0728	0.0159	10.8	0.229	363	0.00954	0.000926	0.00000802	0.0131	0.0154	0.402	0.038	0.0000115	105	0.000077	0.0094	0.000742	0.00549
2091 Jan	559	0.0686	0.0727	0.0159	10.8	0.229	363	0.00954	0.000926	0.00000802	0.0131	0.0154	0.402	0.038	0.0000115	105	0.000077	0.0094	0.000742	0.00549
2091 Feb	559	0.0687	0.0727	0.0159	10.8	0.229	363	0.00954	0.000926	0.00000802	0.0131	0.0154	0.402	0.038	0.0000115	105	0.000077	0.0094	0.000742	0.00549
2091 Mar	560	0.0688	0.0729	0.0159	10.9	0.23	364	0.00956	0.000927	0.00000803	0.0132	0.0154	0.403	0.0381	0.0000115	105	0.0000771	0.00942	0.000743	0.0055
2091 Apr	563	0.0692	0.0733	0.016	10.9	0.231	366	0.00961	0.000932	0.00000808	0.0132	0.0155	0.405	0.0383	0.0000116	105	0.0000775	0.00947	0.000748	0.00553
2091 May	568	0.0701	0.0739	0.0161	11.1	0.233	369	0.0097	0.000945	0.00000816	0.0134	0.0157	0.408	0.0388	0.0000117	106	0.0000782	0.00955	0.000757	0.00558
2091 Jun	531	0.0675	0.069	0.0151	11.1	0.216	343	0.00912	0.00092	0.00000778	0.0127	0.0147	0.379	0.0376	0.0000111	100	0.0000734	0.00886	0.000726	0.00521
2091 Jul	564	0.0711	0.0725	0.0162	11.5	0.229	365	0.00978	0.000967	0.00000819	0.0133	0.0156	0.401	0.0394	0.0000117	106	0.0000774	0.00937	0.000764	0.0055
2091 Aug	573	0.071	0.0722	0.0165	11.3	0.232	371	0.00996	0.000966	0.00000824	0.0134	0.0159	0.408	0.0395	0.0000118	108	0.0000782	0.00953	0.000768	0.00557
2091 Sep	572	0.0702	0.0712	0.0164	11.1	0.233	371	0.0099	0.000957	0.00000821	0.0134	0.0159	0.409	0.0392	0.0000118	107	0.0000782	0.00955	0.000764	0.00558
2091 Oct	561	0.0689	0.0693	0.016	10.9	0.229	364	0.00967	0.000935	0.00000805	0.0131	0.0155	0.402	0.0384	0.0000116	105	0.0000768	0.00939	0.000749	0.00549
2091 Nov	550	0.0682	0.0676	0.0157	10.7	0.225	357	0.00945	0.00092	0.00000791	0.0129	0.0152	0.394	0.0377	0.0000113	103	0.0000754	0.00921	0.000733	0.00538
2091 Dec	550	0.0682	0.0676	0.0157	10.7	0.225	357	0.00944	0.00092	0.00000791	0.0129	0.0152	0.394	0.0377	0.0000113	103	0.0000753	0.00921	0.000733	0.00538
2092 Jan	550	0.0682	0.0675	0.0157	10.7	0.225	357	0.00944	0.00092	0.00000791	0.0129	0.0152	0.394	0.0377	0.0000113	103	0.0000754	0.00921	0.000733	0.00538
2092 Feb	550	0.0682	0.0675	0.0157	10.7	0.225	357	0.00944	0.00092	0.00000791	0.0129	0.0152	0.394	0.0377	0.0000113	103	0.0000754	0.00921	0.000734	0.00538
2092 Mar	551	0.0683	0.0677	0.0157	10.7	0.225	357	0.00946	0.000921	0.00000793	0.0129	0.0152	0.395	0.0378	0.0000114	103	0.0000755	0.00923	0.000735	0.00539
2092 Apr	553	0.0687	0.068	0.0158	10.8	0.226	359	0.0095	0.000926	0.00000796	0.013	0.0153	0.397	0.038	0.0000114	104	0.0000759	0.00927	0.000739	0.00542
2092 May	556	0.0693	0.0682	0.0158	10.9	0.228	361	0.00953	0.000934	0.00000802	0.0131	0.0154	0.399	0.0384	0.0000115	104	0.0000764	0.00932	0.000747	0.00545
2092 Jun	492	0.0629	0.0597	0.0139	10.3	0.201	317	0.00843	0.000865	0.00000727	0.0118	0.0136	0.351	0.0354	0.0000103	93.1	0.0000681	0.00821	0.000681	0.00484
2092 Jul	502	0.0631	0.06	0.0143	10.2	0.204	324	0.00865	0.000871	0.00000735	0.0119	0.0139	0.357	0.0356	0.0000105	94.8	0.0000691	0.00836	0.000688	0.00492
2092 Aug	528	0.0653	0.0622	0.015	10.5	0.215	342	0.00909	0.000901	0.00000767	0.0125	0.0146	0.377	0.0371	0.000011	99.6	0.0000726	0.00881	0.000719	0.00517
2092 Sep	534	0.0651	0.062	0.0151	10.4	0.218	346	0.00911	0.000897	0.00000771	0.0126	0.0147	0.383	0.0372	0.000011	100	0.0000735	0.00896	0.000724	0.00524
2092 Oct	533	0.0645	0.0614	0.015	10.3	0.219	346	0.00904	0.000887	0.00000767	0.0125	0.0147	0.384	0.0371	0.000011	100	0.0000736	0.00898	0.000722	0.00525
2092 Nov	533	0.0644	0.0612	0.0149	10.2	0.219	346	0.00902	0.000885	0.00000767	0.0126	0.0147	0.384	0.0371	0.000011	100	0.0000736	0.00899	0.000722	0.00526
2092 Dec	534	0.0645	0.0613	0.0149	10.2	0.219	346	0.00902	0.000885	0.00000767	0.0126	0.0147	0.384	0.0371	0.000011	100	0.0000737	0.009	0.000722	0.00526
2093 Jan	534	0.0645	0.0613	0.0149	10.2	0.219	346	0.00902	0.000885	0.00000767	0.0126	0.0147	0.384	0.0371	0.000011	100	0.0000737	0.009	0.000722	0.00526
2093 Feb	534	0.0645	0.0613	0.0149	10.2	0.219	346	0.00903	0.000885	0.00000768	0.0126	0.0147	0.385	0.0371	0.000011	100	0.0000737	0.009	0.000722	0.00526
2093 Mar	535	0.0646	0.0614	0.015	10.3	0.22	347	0.00905	0.000888	0.00000769	0.0126	0.0147	0.386	0.0372	0.000011	100	0.0000739	0.00902	0.000724	0.00528
2093 Apr	538	0.065	0.0617	0.015	10.3	0.221	349	0.0091	0.000892	0.00000773	0.0127	0.0148	0.388	0.0374	0.0000111	101	0.0000743	0.00907	0.000728	0.0053
2093 May	543	0.0657	0.0622	0.0152	10.5	0.223	352	0.00917	0.000903	0.00000781	0.0128	0.0149	0.391	0.0379	0.0000112	102	0.0000749	0.00915	0.000737	0.00535
2093 Jun	508	0.0632	0.0582	0.0142	10.4	0.207	327	0.00863	0.000875	0.00000743	0.0121	0.014	0.363	0.0365	0.0000106	95.9	0.0000702	0.00849	0.000705	0.005
2093 Jul	533	0.0658	0.0607	0.0151	10.7	0.216	344	0.00917	0.00091	0.00000773	0.0126	0.0148	0.38	0.0378	0.000011	101	0.0000733	0.00888	0.000734	0.00522
2093 Aug	557	0.0679	0.0629	0.0159	10.9	0.226	361	0.00964	0.000938	0.00000801	0.013	0.0155	0.397	0.0391	0.0000115	105	0.0000763	0.00928	0.000761	0.00544
2093 Sep	563	0.068	0.0629	0.0161	10.8	0.228	365	0.00973	0.000938	0.00000806	0.0131	0.0156	0.402	0.0392	0.0000116	106	0.000077	0.0094	0.000765	0.00549
2093 Oct	543	0.0662	0.06	0.0155	10.3	0.221	352	0.00936	0.000903	0.00000777	0.0127	0.015	0.388	0.0377	0.0000111	102	0.0000742	0.00906	0.000734	0.0053
2093 Nov	536	0.0659	0.059	0.0152	10.2	0.218	347	0.00924	0.000894	0.00000768	0.0125	0.0148	0.383	0.0372	0.000011	101	0.0000733	0.00895	0.000724	0.00524
2093 Dec	536	0.0659	0.059	0.0152	10.2	0.218	348	0.00924	0.000894	0.00000769	0.0125	0.0148	0.383	0.0372	0.000011	101	0.0000734	0.00895	0.000724	0.00524
2094 Jan	536	0.066	0.059	0.0152	10.2	0.218	348	0.00924	0.000894	0.00000769	0.0125	0.0149	0.383	0.0372	0.000011	101	0.0000734	0.00896	0.000724	0.00524
2094 Feb	536	0.066	0.059	0.0152	10.2	0.218	348	0.00924	0.000894	0.00000769	0.0126	0.0149	0.383	0.0372	0.000011	101	0.0000734	0.00896	0.000724	0.00524
2094 Mar	537	0.0661	0.059	0.0153	10.2	0.219	348	0.00925	0.000896	0.0000077	0.0126	0.0149	0.384	0.0373	0.000011	101	0.0000735	0.00897	0.000725	0.00525
2094 Apr	539	0.0663	0.0593	0.0153	10.3	0.219	349	0.00929	0.000899	0.00000772	0.0126	0.0149	0.385	0.0374	0.0000111	101	0.0000737	0.009	0.000728	0.00527
2094 May	535	0.0663	0.0587	0.0152	10.4	0.218	346	0.00921	0.000898	0.00000769	0.0125	0.0148	0.382	0.0375	0.000011	101	0.0000733	0.00893	0.000728	0.00523
2094 Jun	524	0.0661	0.0575	0.0149	10.6	0.212	338	0.00906	0.000898	0.0000076	0.0124	0.0145	0.372	0.0375	0.0000109	99.3	0.0000718	0.00871	0.000726	0.00512
2094 Jul	564	0.0704	0.0614	0.0163	11	0.227	365	0.0099	0.000953	0.00000809	0.0131	0.0157	0.399	0.0397	0.0000116	107	0.0000766	0.00932	0.000772	0.00547
2094 Aug	602	0.0743	0.065	0.0174	11.6	0.242	390	0.0106	0.00101	0.00000858	0.0139	0.0168	0.426	0.042	0.0000123	114	0.0000816	0.00996	0.000819	0.00583
2094 Sep	606	0.0742	0.0649	0.0175	11.4	0.244	393	0.0106	0.001	0.00000859	0.014	0.0169	0.43	0.042	0.0000124	115	0.0000821	0.01	0.000821	0.00587
2094 Oct	593	0.0726	0.0629	0.0172	11	0.239	385	0.0104	0.000973	0.00000838	0.0137	0.0166	0.421	0.0408	0.0000121	112	0.0000803	0.00984	0.000799	0.00574
2094 Nov	577	0.0711	0.0607	0.0166	10.7	0.233	375	0.0101	0.000947	0.00000816	0.0133	0.0161	0.41	0.0397	0.0000118	109	0.0000782	0.00958	0.000775	0.00559
2094 Dec	575	0.0711	0.0605	0.0166	10.7	0.233	373	0.0101	0.000945	0.00000814	0.0133	0.016	0.409	0.0396	0.0000117	108	0.000078	0.00955	0.000773	0.00558
2095 Jan	575	0.0711	0.0605	0.0166	10.7	0.233	373	0.0101	0.000945	0.00000814	0.0133	0.016	0.409	0.0396	0.0000117	108	0.000078	0.00956	0.000773	0.00558
2095 Feb	575	0.0711	0.0605	0.0166	10.7	0.233	374	0.0101	0.000945	0.00000814	0.0133	0.016	0.409	0.0396	0.0000117	108	0.000078	0.00956	0.000773	0.00558
2095 Mar	576	0.0712	0.0605	0.0166	10.7	0.233	374	0.0101	0.000946	0.00000815	0.0133	0.0161	0.41	0.0396	0.0000118	109	0.000078	0.00956	0.000774	0.00559

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	578	0.0715	0.0608	0.0167	10.8	0.234	376	0.0101	0.00095	0.00000819	0.0134	0.0161	0.411	0.0398	0.0000118	109	0.0000784	0.00961	0.000777	0.00561
2095 May	576	0.0717	0.0607	0.0166	10.8	0.233	374	0.0101	0.000953	0.00000818	0.0133	0.0161	0.409	0.0399	0.0000118	109	0.0000781	0.00956	0.000778	0.00559
2095 Jun	577	0.0725	0.0608	0.0167	11.1	0.232	374	0.0102	0.000966	0.00000822	0.0134	0.0161	0.408	0.0403	0.0000118	109	0.0000781	0.00953	0.000785	0.00558
2095 Jul	617	0.0769	0.0648	0.0182	11.6	0.246	400	0.011	0.00102	0.00000871	0.0141	0.0174	0.434	0.0425	0.0000126	117	0.0000828	0.0101	0.00083	0.00592
2095 Aug	624	0.0769	0.065	0.0185	11.4	0.248	406	0.0112	0.00102	0.00000874	0.0142	0.0176	0.439	0.0425	0.0000127	118	0.0000834	0.0102	0.000833	0.00596
2095 Sep	629	0.0769	0.0651	0.0186	11.3	0.251	409	0.0113	0.00102	0.00000877	0.0142	0.0178	0.443	0.0425	0.0000127	119	0.000084	0.0103	0.000836	0.00601
2095 Oct	632	0.0768	0.0651	0.0187	11.2	0.252	412	0.0114	0.00102	0.00000878	0.0143	0.0179	0.446	0.0425	0.0000128	119	0.0000843	0.0104	0.000837	0.00604
2095 Nov	627	0.0761	0.0643	0.0186	11.1	0.25	409	0.0113	0.00101	0.0000087	0.0141	0.0177	0.443	0.0421	0.0000127	118	0.0000836	0.0103	0.000829	0.00599
2095 Dec	626	0.0761	0.0641	0.0185	11	0.25	408	0.0113	0.00101	0.00000868	0.0141	0.0177	0.442	0.042	0.0000126	118	0.0000835	0.0103	0.000827	0.00598
2096 Jan	626	0.0761	0.0641	0.0185	11	0.25	408	0.0112	0.00101	0.00000868	0.0141	0.0177	0.442	0.042	0.0000126	118	0.0000835	0.0103	0.000827	0.00598
2096 Feb	626	0.0761	0.0641	0.0185	11.1	0.25	408	0.0113	0.00101	0.00000869	0.0141	0.0177	0.442	0.042	0.0000126	118	0.0000835	0.0103	0.000827	0.00598
2096 Mar	627	0.0762	0.0642	0.0186	11.1	0.25	408	0.0113	0.00101	0.00000869	0.0141	0.0177	0.442	0.042	0.0000126	118	0.0000836	0.0103	0.000828	0.00599
2096 Apr	629	0.0765	0.0645	0.0186	11.1	0.251	410	0.0113	0.00101	0.00000873	0.0142	0.0178	0.444	0.0422	0.0000127	119	0.0000839	0.0104	0.000832	0.00601
2096 May	633	0.0769	0.0646	0.0187	11.2	0.253	413	0.0113	0.00102	0.00000878	0.0143	0.0179	0.447	0.0426	0.0000128	119	0.0000845	0.0104	0.000839	0.00606
2096 Jun	568	0.0693	0.0578	0.0169	10.3	0.226	369	0.0103	0.000951	0.00000806	0.0131	0.0161	0.4	0.0387	0.0000116	108	0.0000764	0.00932	0.000758	0.00543
2096 Jul	589	0.0712	0.0597	0.0177	10.4	0.233	383	0.0108	0.000983	0.0000083	0.0134	0.0167	0.412	0.0396	0.000012	111	0.0000786	0.00959	0.000777	0.00558
2096 Aug	620	0.0746	0.0627	0.0188	10.8	0.245	404	0.0114	0.00103	0.0000087	0.0141	0.0177	0.434	0.0414	0.0000126	117	0.0000826	0.0101	0.000815	0.00587
2096 Sep	618	0.0741	0.0621	0.0188	10.6	0.244	403	0.0114	0.00102	0.00000864	0.014	0.0176	0.433	0.0409	0.0000126	117	0.0000821	0.0101	0.000807	0.00584
2096 Oct	598	0.0723	0.0595	0.0181	10.2	0.236	390	0.011	0.000984	0.00000835	0.0135	0.017	0.418	0.0394	0.0000121	113	0.0000794	0.00973	0.000776	0.00565
2096 Nov	596	0.0722	0.0593	0.0181	10.2	0.236	389	0.011	0.000981	0.00000833	0.0135	0.017	0.418	0.0393	0.0000121	113	0.0000792	0.00971	0.000774	0.00564
2096 Dec	596	0.0722	0.0593	0.0181	10.2	0.236	389	0.011	0.000981	0.00000833	0.0135	0.017	0.418	0.0393	0.0000121	113	0.0000792	0.00971	0.000774	0.00564
2097 Jan	596	0.0722	0.0593	0.0181	10.2	0.236	389	0.011	0.000981	0.00000833	0.0135	0.017	0.418	0.0393	0.0000121	113	0.0000792	0.00972	0.000774	0.00564
2097 Feb	596	0.0722	0.0593	0.0181	10.2	0.236	389	0.011	0.000981	0.00000833	0.0135	0.017	0.418	0.0393	0.0000121	113	0.0000792	0.00972	0.000775	0.00564
2097 Mar	597	0.0723	0.0594	0.0181	10.2	0.236	389	0.011	0.000982	0.00000834	0.0135	0.017	0.418	0.0394	0.0000121	113	0.0000793	0.00972	0.000775	0.00564
2097 Apr	600	0.0727	0.0597	0.0182	10.2	0.237	392	0.0111	0.000988	0.00000838	0.0136	0.0171	0.42	0.0396	0.0000122	113	0.0000797	0.00978	0.000779	0.00567
2097 May	607	0.0737	0.0604	0.0184	10.4	0.24	396	0.0112	0.001	0.00000849	0.0138	0.0173	0.425	0.0402	0.0000123	115	0.0000807	0.00989	0.00079	0.00574
2097 Jun	587	0.0726	0.0587	0.0179	10.5	0.231	381	0.0109	0.000992	0.0000083	0.0134	0.0168	0.408	0.0396	0.000012	111	0.0000779	0.00949	0.000775	0.00553
2097 Jul	622	0.0766	0.0622	0.0192	11	0.243	405	0.0117	0.00105	0.00000874	0.0141	0.0179	0.432	0.0415	0.0000127	118	0.0000822	0.01	0.000816	0.00583
2097 Aug	647	0.0792	0.0645	0.0201	11.2	0.252	422	0.0122	0.00108	0.00000903	0.0145	0.0187	0.448	0.0428	0.0000131	123	0.0000851	0.0104	0.000843	0.00604
2097 Sep	659	0.0802	0.0655	0.0205	11.3	0.257	430	0.0125	0.00109	0.00000916	0.0147	0.019	0.456	0.0433	0.0000134	125	0.0000865	0.0106	0.000855	0.00614
2097 Oct	656	0.0795	0.0649	0.0204	11.1	0.255	428	0.0124	0.00108	0.00000909	0.0146	0.0189	0.454	0.0429	0.0000133	124	0.0000859	0.0105	0.000848	0.00611
2097 Nov	650	0.0791	0.0643	0.0202	11	0.253	424	0.0123	0.00107	0.00000902	0.0145	0.0188	0.45	0.0426	0.0000132	123	0.0000852	0.0105	0.000841	0.00606
2097 Dec	648	0.079	0.0641	0.0202	11	0.253	423	0.0123	0.00107	0.000009	0.0145	0.0187	0.449	0.0425	0.0000131	123	0.000085	0.0104	0.000838	0.00604
2098 Jan	648	0.079	0.0641	0.0202	11	0.253	423	0.0123	0.00107	0.000009	0.0145	0.0187	0.449	0.0425	0.0000131	123	0.000085	0.0104	0.000838	0.00604
2098 Feb	648	0.079	0.0641	0.0202	11	0.253	423	0.0123	0.00107	0.000009	0.0145	0.0187	0.449	0.0425	0.0000131	123	0.000085	0.0104	0.000838	0.00604
2098 Mar	649	0.0791	0.0641	0.0202	11	0.253	423	0.0123	0.00107	0.00000901	0.0145	0.0187	0.449	0.0425	0.0000131	123	0.000085	0.0104	0.000839	0.00604
2098 Apr	651	0.0793	0.0643	0.0203	11	0.254	425	0.0123	0.00108	0.00000903	0.0145	0.0188	0.451	0.0426	0.0000132	123	0.0000853	0.0105	0.000841	0.00606
2098 May	642	0.0793	0.0637	0.02	11.2	0.249	418	0.0122	0.00108	0.00000896	0.0144	0.0185	0.443	0.0426	0.000013	122	0.0000841	0.0103	0.000839	0.00597
2098 Jun	579	0.0741	0.0581	0.0182	10.9	0.222	375	0.0111	0.00101	0.00000821	0.0131	0.0168	0.395	0.0398	0.0000119	111	0.0000757	0.00916	0.000776	0.00536
2098 Jul	616	0.0784	0.0618	0.0196	11.4	0.235	399	0.0119	0.00106	0.00000867	0.0138	0.018	0.418	0.0418	0.0000126	118	0.00008	0.0097	0.000819	0.00567
2098 Aug	628	0.0791	0.0626	0.02	11.4	0.239	407	0.0122	0.00108	0.00000879	0.014	0.0183	0.427	0.0423	0.0000128	120	0.0000813	0.00989	0.00083	0.00576
2098 Sep	611	0.0768	0.0603	0.0195	10.9	0.234	397	0.0118	0.00104	0.00000853	0.0136	0.0178	0.416	0.0409	0.0000124	117	0.0000791	0.00964	0.000803	0.00561
2098 Oct	593	0.0748	0.0579	0.0188	10.5	0.228	386	0.0115	0.001	0.00000827	0.0132	0.0173	0.405	0.0395	0.000012	113	0.0000769	0.00939	0.000776	0.00546
2098 Nov	587	0.0743	0.0571	0.0186	10.4	0.226	382	0.0113	0.000993	0.00000819	0.0131	0.0171	0.401	0.039	0.0000119	112	0.0000761	0.0093	0.000766	0.00541
2098 Dec	587	0.0743	0.0571	0.0186	10.4	0.226	382	0.0113	0.000993	0.00000819	0.0131	0.0171	0.401	0.039	0.0000119	112	0.0000761	0.0093	0.000766	0.00541
2099 Jan	587	0.0743	0.0571	0.0186	10.4	0.226	382	0.0113	0.000993	0.00000819	0.0131	0.0171	0.401	0.039	0.0000119	112	0.0000761	0.0093	0.000767	0.00541
2099 Feb	587	0.0744	0.0571	0.0186	10.4	0.226	382	0.0113	0.000994	0.00000819	0.0131	0.0171	0.401	0.039	0.0000119	112	0.0000762	0.0093	0.000767	0.00541
2099 Mar	588	0.0745	0.0572	0.0186	10.4	0.226	382	0.0113	0.000995	0.00000821	0.0131	0.0171	0.402	0.0391	0.0000119	112	0.0000763	0.00932	0.000768	0.00542
2099 Apr	592	0.075	0.0576	0.0188	10.5	0.228	385	0.0114	0.001	0.00000827	0.0132	0.0172	0.405	0.0394	0.000012	113	0.0000769	0.00939	0.000774	0.00546
2099 May	566	0.0735	0.0555	0.0179	10.6	0.217	367	0.0109	0.000981	0.000008	0.0127	0.0165	0.385	0.0388	0.0000116	109	0.0000736	0.00894	0.000756	0.00523
2099 Jun	550	0.072	0.054	0.0175	10.5	0.21	356	0.0107	0.000962	0.0000078	0.0124	0.016	0.373	0.038	0.0000113	106	0.0000715	0.00866	0.00074	0.00508
2099 Jul	582	0.0752	0.0568	0.0186	10.8	0.222	378	0.0113	0.00101	0.00000818	0.013	0.017	0.395	0.0397	0.0000119	112	0.0000753	0.00915	0.000776	0.00535
2099 Aug	610	0.0781	0.0591	0.0195	11.1	0.233	396	0.0119	0.00104	0.00000853	0.0136	0.0178	0.414	0.0413	0.0000124	117	0.0000788	0.0096	0.00081	0.0056
2099 Sep	604	0.0768	0.0581	0.0192	10.9	0.231	393	0.0117	0.00102	0.00000841	0.0134	0.0176	0.411	0.0406	0.0000123	116	0.000078	0.00953	0.000798	0.00555
2099 Oct	595	0.0754	0.0568	0.0189	10.6	0.228	387	0.0115	0.001	0.00000827	0.0132	0.0173	0.406	0.0398	0.0000121	114	0.0000769	0.00941	0.000783	0.00548
2099 Nov	588	0.0747	0.0559	0.0187	10.4	0.226	383	0.0114	0.00099	0.00000817	0.013	0.0171	0.401	0.0393	0.0000119	113	0.000076	0.0093	0.000772	0.00541
2099 Dec	588	0.0748	0.0559	0.0187	10.4	0.226	383	0.0114	0.00099	0.00000817	0.013	0.0172	0.401	0.0393	0.0000119	113	0.000076	0.0093	0.000772	0.00541
2100 Jan	589	0.0748	0.0559	0.0187	10.4	0.226	383	0.0114	0.00099	0.00000817	0.013	0.0172	0.401	0.0393	0.0000119	113	0.000076	0.00931	0.000772	0.00542
2100 Feb	589	0.0748	0.0559	0.0187	10.4	0.226	383	0.0114	0.00099	0.00000817	0.013	0.0172	0.401	0.0393	0.0000119	113	0.000076	0.00931	0.000772	0.00542
2100 Mar	589	0.0749	0.0559	0.0187	10.4	0.226	383	0.0114	0.00099	0.00000817	0.013	0.0172	0.402	0.0393	0.0000119	113	0.000076	0.00931	0.000772	0.00542
2100 Apr	592	0.0753	0.0563	0.0188	10.5	0.227	385	0.0115	0.000996	0.00000822	0.0131	0.0173	0.404	0.0395	0.000012	113	0.0000765	0.00937	0.000777	0.00545
2100 May	591	0.0755	0.0561	0.0188	10.6	0.227	384	0.0114	0.000999	0.00000823	0.0131	0.0172	0.403	0.0397	0.000012	113	0.0000765	0.00935	0.00078	0.00545
2100 Jun	542	0.0706	0.0518	0.0172	10.2	0.207	350	0.0105	0.000944	0.00000765	0.0121	0.0158	0.367	0.0374	0.0000111	104	0.0000702	0.00851	0.000729	0.00499
2100 Jul	556	0.0716	0.0529	0.0178	10.2	0.211	360	0.0108	0.000957	0.00000779	0.0124	0.0162	0.376	0.0379	0.0000113	107	0.0000717	0.00872	0.000741	0.0051
2100 Aug	561	0.0713	0.0529	0.0179	10.1	0.213	364	0.0109	0.000954	0.00000781	0.0124	0.0164	0.38	0.0378	0.0000114	108	0.0000722	0.00881	0.000743	0.00514
2100 Sep	564	0.0711	0.0528	0.018	10	0.215	367	0.011	0.000951	0.00000783	0.0124	0.0165	0.384	0.0379	0.0000114	108	0.0000727	0.00889	0.000745	0.00518
2100 Oct	568	0.0711	0.0529	0.0181	9.95	0.217	369	0.011	0.000951	0.00000785	0.0125	0.0166	0.387	0.0379	0.0000115	109	0.0000731	0.00896	0.000747	0.00521
2100 Nov	569	0.0712	0.053	0.0181	9.96	0.217	370	0.0111	0.000951	0.00000786	0.0125	0.0166	0.387	0.038	0.0000115	109	0.0000732	0.00898	0.000748	0.00522
2100 Dec	569	0.0713	0.053	0.0181	9.96	0.217	370	0.0111	0.000952	0.00000786	0.0125	0.0166	0.388	0.038	0.0000115	109	0.0000733	0.00899	0.000748	0.00522
2101 Jan	569	0.0713	0.053	0.0181	9.96	0.218	370	0.0111	0.000952	0.00000786	0.0125	0.0166	0.388	0.038	0.0000115	109	0.0000733	0.00899	0.000749	0.00523
2101 Feb	570	0.0713	0.053	0.0181	9.96	0.218	371	0.0111	0.000952	0.00000787	0.0125	0.0166	0.388	0.038	0.0000115	109	0.0000733	0.00899	0.000749	0.00523
2101 Mar	570	0.0713	0.053	0.0181	9.96	0.218	371	0.0111	0.000952	0.00000787	0.0125	0.0166	0.388	0.038	0.0000115	109	0.0000734	0.009	0.000749	0.00523
2101 Apr	572	0.0715	0.0532	0.0182	10	0.218	372	0.0111	0.000955	0.0000079	0.0126	0.0167	0.389	0.0382	0.0000115	109	0.0000736	0.00903	0.000752	0.00525
2101 May	568	0.0719	0.0531	0.0181	10.2	0.216	369	0.011	0.000961	0.00000789	0.0125	0.0166	0.386	0.0384	0.0000115	109	0.0000732	0.00894	0.000754	0.00521
2101 Jun	541	0.0694	0.0508	0.0173	10.1	0.205	350	0.0105	0.000934	0.00000759	0.012	0.0158	0.366	0.0372	0.000011	104	0.0000698	0.00848	0.000727	0.00496
2101 Jul	573	0.073	0.0537	0.0184	10.5	0.217	372	0.0113	0.000982	0.00000799	0.0126	0.0168	0.387	0.039	0.0000116	110	0.0000736	0.00897	0.000765	0.00523
2101 Aug	604	0.0763	0.0564	0.0195	10.8	0.228	392	0.0119	0.00103	0.00000838	0.0133	0.0177	0.408	0.0408	0.0000122	116	0.0000774	0.00945	0.000802	0.0055

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	605	0.076	0.0561	0.0195	10.7	0.229	393	0.0119	0.00102	0.00000835	0.0132	0.0177	0.409	0.0406	0.0000122	116	0.0000774	0.00947	0.000799	0.00551
2101 Oct	605	0.0756	0.0559	0.0195	10.6	0.229	393	0.0119	0.00101	0.00000833	0.0132	0.0177	0.409	0.0404	0.0000122	116	0.0000774	0.00948	0.000796	0.00551
2101 Nov	596	0.0746	0.0549	0.0192	10.4	0.226	388	0.0117	0.000997	0.00000821	0.013	0.0175	0.404	0.0397	0.000012	114	0.0000763	0.00936	0.000784	0.00544
2101 Dec	595	0.0746	0.0547	0.0191	10.4	0.226	387	0.0117	0.000996	0.00000819	0.013	0.0174	0.403	0.0397	0.000012	114	0.0000762	0.00934	0.000782	0.00543
2102 Jan	595	0.0746	0.0547	0.0191	10.4	0.226	387	0.0117	0.000996	0.00000819	0.013	0.0174	0.403	0.0397	0.000012	114	0.0000762	0.00934	0.000782	0.00543
2102 Feb	595	0.0746	0.0547	0.0191	10.4	0.226	387	0.0117	0.000996	0.00000819	0.013	0.0174	0.403	0.0397	0.000012	114	0.0000762	0.00934	0.000782	0.00543
2102 Mar	595	0.0746	0.0548	0.0191	10.4	0.226	387	0.0117	0.000997	0.0000082	0.013	0.0174	0.403	0.0397	0.000012	114	0.0000762	0.00934	0.000782	0.00543
2102 Apr	597	0.0748	0.0549	0.0192	10.4	0.226	388	0.0117	0.000999	0.00000822	0.0131	0.0175	0.404	0.0398	0.000012	114	0.0000764	0.00937	0.000785	0.00544
2102 May	605	0.0758	0.0556	0.0194	10.6	0.229	393	0.0119	0.00101	0.00000833	0.0132	0.0177	0.41	0.0403	0.0000122	116	0.0000774	0.00949	0.000795	0.00552
2102 Jun	557	0.0694	0.0512	0.018	9.77	0.211	362	0.011	0.000971	0.00000785	0.0124	0.0163	0.376	0.0372	0.0000114	107	0.000072	0.00872	0.000729	0.00508
2102 Jul	548	0.068	0.0505	0.0178	9.55	0.207	356	0.0109	0.000972	0.00000778	0.0123	0.0161	0.369	0.0364	0.0000113	105	0.0000709	0.00854	0.000713	0.00498
2102 Aug	569	0.07	0.0524	0.0187	9.69	0.214	370	0.0114	0.001	0.00000803	0.0127	0.0168	0.383	0.0373	0.0000117	109	0.0000732	0.00885	0.000734	0.00514
2102 Sep	574	0.0703	0.0527	0.0189	9.67	0.216	374	0.0115	0.00101	0.00000807	0.0127	0.017	0.386	0.0375	0.0000118	110	0.0000737	0.00892	0.000737	0.00518
2102 Oct	554	0.0688	0.0507	0.0182	9.38	0.209	361	0.0111	0.000975	0.00000782	0.0124	0.0164	0.373	0.0362	0.0000114	106	0.0000712	0.00861	0.00071	0.005
2102 Nov	552	0.0689	0.0505	0.0181	9.37	0.209	359	0.0111	0.000974	0.0000078	0.0123	0.0163	0.372	0.0361	0.0000113	106	0.000071	0.00859	0.000708	0.00499
2102 Dec	553	0.0689	0.0505	0.0181	9.37	0.209	360	0.0111	0.000974	0.00000781	0.0124	0.0163	0.372	0.0361	0.0000113	106	0.0000711	0.00859	0.000708	0.005
2103 Jan	553	0.069	0.0505	0.0181	9.38	0.209	360	0.0111	0.000974	0.00000781	0.0124	0.0163	0.372	0.0361	0.0000113	106	0.0000711	0.00859	0.000708	0.005
2103 Feb	553	0.069	0.0505	0.0182	9.38	0.209	360	0.0111	0.000975	0.00000781	0.0124	0.0164	0.372	0.0361	0.0000114	106	0.0000711	0.00859	0.000708	0.005
2103 Mar	553	0.069	0.0506	0.0182	9.39	0.209	360	0.0111	0.000976	0.00000782	0.0124	0.0164	0.372	0.0361	0.0000114	106	0.0000711	0.0086	0.000709	0.005
2103 Apr	555	0.0693	0.0508	0.0182	9.42	0.21	361	0.0111	0.000979	0.00000785	0.0124	0.0164	0.374	0.0363	0.0000114	107	0.0000714	0.00863	0.000712	0.00502
2103 May	555	0.0696	0.0507	0.0182	9.6	0.21	361	0.0111	0.000984	0.00000787	0.0125	0.0164	0.374	0.0367	0.0000114	107	0.0000716	0.00864	0.000718	0.00503
2103 Jun	517	0.066	0.0474	0.0169	9.45	0.195	334	0.0103	0.000939	0.00000743	0.0117	0.0152	0.346	0.0351	0.0000107	99.7	0.0000669	0.00801	0.000683	0.00469
2103 Jul	534	0.0674	0.0489	0.0176	9.51	0.201	346	0.0108	0.000963	0.00000763	0.012	0.0158	0.357	0.0358	0.000011	103	0.0000688	0.00826	0.000699	0.00483
2103 Aug	540	0.0669	0.049	0.0178	9.34	0.203	351	0.0109	0.000966	0.00000768	0.0121	0.016	0.362	0.0357	0.0000111	104	0.0000693	0.00837	0.0007	0.00488
2103 Sep	532	0.0659	0.0478	0.0174	9.1	0.201	346	0.0107	0.000945	0.00000755	0.0119	0.0157	0.358	0.035	0.000011	102	0.0000683	0.00827	0.000686	0.00482
2103 Oct	511	0.0643	0.0456	0.0167	8.8	0.194	332	0.0102	0.000912	0.00000729	0.0115	0.0151	0.345	0.0337	0.0000106	98.1	0.0000659	0.00797	0.000659	0.00465
2103 Nov	507	0.0639	0.0451	0.0165	8.73	0.193	329	0.0101	0.000904	0.00000723	0.0114	0.0149	0.342	0.0334	0.0000105	97.2	0.0000653	0.0079	0.000653	0.00461
2103 Dec	507	0.0639	0.0451	0.0165	8.73	0.193	329	0.0101	0.000904	0.00000723	0.0114	0.0149	0.342	0.0334	0.0000105	97.2	0.0000653	0.0079	0.000653	0.00461
2104 Jan	507	0.064	0.0451	0.0165	8.73	0.193	329	0.0101	0.000904	0.00000723	0.0114	0.0149	0.342	0.0334	0.0000105	97.2	0.0000653	0.0079	0.000653	0.00461
2104 Feb	507	0.064	0.0451	0.0165	8.73	0.193	329	0.0101	0.000905	0.00000723	0.0114	0.0149	0.342	0.0334	0.0000105	97.2	0.0000654	0.0079	0.000653	0.00461
2104 Mar	507	0.064	0.0452	0.0165	8.74	0.193	330	0.0101	0.000905	0.00000724	0.0114	0.015	0.342	0.0335	0.0000105	97.3	0.0000654	0.00791	0.000653	0.00462
2104 Apr	510	0.0644	0.0454	0.0166	8.79	0.194	332	0.0102	0.000911	0.00000728	0.0115	0.015	0.344	0.0337	0.0000105	97.9	0.0000658	0.00796	0.000657	0.00464
2104 May	507	0.0648	0.0453	0.0165	9.04	0.193	329	0.0101	0.000916	0.00000728	0.0115	0.0149	0.341	0.034	0.0000105	97.5	0.0000655	0.00789	0.000662	0.00462
2104 Jun	478	0.0622	0.043	0.0155	8.93	0.181	309	0.00952	0.000881	0.00000693	0.0109	0.0141	0.32	0.0328	0.00000996	92.3	0.0000618	0.0074	0.000635	0.00435
2104 Jul	500	0.0644	0.045	0.0164	9.1	0.188	324	0.01	0.000911	0.00000719	0.0113	0.0148	0.334	0.0339	0.0000104	96.6	0.0000643	0.00773	0.000658	0.00453
2104 Aug	518	0.0658	0.0463	0.017	9.16	0.195	336	0.0104	0.000929	0.00000737	0.0116	0.0153	0.347	0.0346	0.0000107	99.8	0.0000663	0.00801	0.000676	0.00468
2104 Sep	514	0.065	0.0457	0.0169	8.98	0.194	334	0.0103	0.000916	0.0000073	0.0115	0.0152	0.345	0.0342	0.0000106	99	0.0000659	0.00797	0.000668	0.00465
2104 Oct	504	0.0642	0.0446	0.0165	8.79	0.191	327	0.0101	0.000897	0.00000716	0.0113	0.0149	0.339	0.0335	0.0000104	96.9	0.0000646	0.00782	0.000653	0.00457
2104 Nov	501	0.0641	0.0443	0.0164	8.76	0.19	326	0.01	0.000894	0.00000713	0.0112	0.0148	0.337	0.0333	0.0000103	96.4	0.0000643	0.00778	0.000649	0.00455
2104 Dec	501	0.0641	0.0443	0.0164	8.76	0.19	326	0.01	0.000895	0.00000713	0.0113	0.0148	0.337	0.0333	0.0000103	96.4	0.0000643	0.00779	0.00065	0.00455
2105 Jan	502	0.0641	0.0443	0.0164	8.76	0.19	326	0.01	0.000894	0.00000713	0.0113	0.0148	0.337	0.0333	0.0000103	96.4	0.0000643	0.00779	0.00065	0.00455
2105 Feb	502	0.0642	0.0443	0.0164	8.77	0.19	326	0.01	0.000895	0.00000713	0.0113	0.0148	0.337	0.0333	0.0000103	96.4	0.0000643	0.00779	0.00065	0.00455
2105 Mar	502	0.0642	0.0443	0.0164	8.77	0.19	326	0.01	0.000895	0.00000714	0.0113	0.0148	0.337	0.0333	0.0000103	96.5	0.0000644	0.00779	0.00065	0.00455
2105 Apr	503	0.0644	0.0444	0.0165	8.8	0.191	327	0.0101	0.000898	0.00000716	0.0113	0.0149	0.338	0.0334	0.0000104	96.8	0.0000646	0.00782	0.000652	0.00457
2105 May	503	0.0647	0.0445	0.0164	8.93	0.19	326	0.0101	0.000901	0.00000717	0.0113	0.0149	0.338	0.0337	0.0000104	96.8	0.0000646	0.00781	0.000656	0.00457
2105 Jun	498	0.0646	0.0443	0.0163	9.04	0.188	323	0.00999	0.0009	0.00000713	0.0112	0.0147	0.333	0.0337	0.0000103	96.2	0.0000639	0.00771	0.000655	0.00452
2105 Jul	524	0.0668	0.0464	0.0173	9.18	0.197	340	0.0106	0.000929	0.0000074	0.0116	0.0155	0.35	0.0348	0.0000108	101	0.0000668	0.00809	0.000681	0.00472
2105 Aug	529	0.0658	0.0462	0.0174	8.88	0.2	344	0.0106	0.000915	0.00000738	0.0116	0.0157	0.356	0.0346	0.0000108	102	0.0000673	0.00822	0.00068	0.00478
2105 Sep	518	0.0644	0.0446	0.0168	8.61	0.197	338	0.0103	0.00089	0.00000723	0.0114	0.0153	0.351	0.0338	0.0000106	99.2	0.0000662	0.00811	0.000664	0.00471
2105 Oct	507	0.0631	0.0433	0.0164	8.37	0.194	331	0.01	0.000866	0.00000707	0.0112	0.0149	0.344	0.033	0.0000103	96.9	0.000065	0.00796	0.000649	0.00463
2105 Nov	501	0.0627	0.0427	0.0161	8.29	0.192	327	0.00988	0.000858	0.000007	0.0111	0.0147	0.341	0.0327	0.0000102	95.8	0.0000643	0.00788	0.000641	0.00458
2105 Dec	501	0.0627	0.0427	0.0161	8.29	0.192	327	0.00987	0.000858	0.000007	0.0111	0.0147	0.341	0.0327	0.0000102	95.8	0.0000643	0.00788	0.000641	0.00458
2106 Jan	501	0.0627	0.0427	0.0161	8.29	0.192	327	0.00987	0.000858	0.00000701	0.0111	0.0147	0.341	0.0327	0.0000102	95.8	0.0000643	0.00788	0.000641	0.00458
2106 Feb	501	0.0627	0.0427	0.0161	8.3	0.192	327	0.00988	0.000858	0.00000701	0.0111	0.0147	0.341	0.0327	0.0000102	95.8	0.0000643	0.00788	0.000641	0.00458
2106 Mar	502	0.0627	0.0428	0.0162	8.3	0.192	327	0.00988	0.000859	0.00000701	0.0111	0.0147	0.341	0.0327	0.0000102	95.9	0.0000643	0.00789	0.000642	0.00458
2106 Apr	504	0.063	0.0429	0.0162	8.34	0.193	328	0.00993	0.000862	0.00000704	0.0112	0.0148	0.342	0.0328	0.0000103	96.3	0.0000646	0.00792	0.000644	0.0046
2106 May	510	0.0638	0.0434	0.0164	8.48	0.195	332	0.01	0.000873	0.00000712	0.0113	0.015	0.346	0.0333	0.0000104	97.4	0.0000654	0.00801	0.000653	0.00466
2106 Jun	473	0.0602	0.0407	0.0152	8.32	0.18	307	0.00933	0.000842	0.00000675	0.0107	0.0139	0.32	0.0317	0.00000976	90.8	0.0000611	0.0074	0.000618	0.00433
2106 Jul	495	0.0619	0.0425	0.0161	8.4	0.188	322	0.00985	0.000871	0.000007	0.0111	0.0146	0.334	0.0326	0.0000102	94.9	0.0000636	0.00772	0.000638	0.0045
2106 Aug	504	0.0614	0.0427	0.0163	8.21	0.192	328	0.01	0.000871	0.00000706	0.0112	0.0148	0.341	0.0327	0.0000103	96.3	0.0000645	0.00789	0.000642	0.00458
2106 Sep	497	0.06	0.0416	0.016	7.97	0.191	324	0.00977	0.000851	0.00000696	0.011	0.0146	0.339	0.0321	0.0000101	94.7	0.0000638	0.00784	0.00063	0.00455
2106 Oct	495	0.0597	0.0412	0.0158	7.9	0.191	323	0.00968	0.000844	0.00000693	0.011	0.0145	0.339	0.0319	0.0000101	94.3	0.0000637	0.00783	0.000628	0.00454
2106 Nov	496	0.0598	0.0413	0.0158	7.92	0.191	324	0.00969	0.000845	0.00000694	0.011	0.0145	0.339	0.032	0.0000101	94.5	0.0000639	0.00785	0.000629	0.00456
2106 Dec	496	0.0598	0.0413	0.0158	7.92	0.191	324	0.00969	0.000845	0.00000695	0.011	0.0145	0.34	0.032	0.0000101	94.5	0.0000639	0.00786	0.000629	0.00456
2107 Jan	496	0.0598	0.0413	0.0158	7.92	0.191	324	0.00969	0.000846	0.00000695	0.011	0.0145	0.34	0.032	0.0000101	94.5	0.0000639	0.00786	0.000629	0.00456
2107 Feb	497	0.0598	0.0413	0.0158	7.93	0.192	324	0.0097	0.000846	0.00000695	0.011	0.0145	0.34	0.032	0.0000101	94.5	0.0000639	0.00786	0.00063	0.00456
2107 Mar	497	0.0599	0.0414	0.0159	7.93	0.192	325	0.00971	0.000847	0.00000696	0.011	0.0145	0.34	0.0321	0.0000101	94.6	0.000064	0.00787	0.00063	0.00456
2107 Apr	498	0.06	0.0415	0.0159	7.95	0.192	325	0.00973	0.000848	0.00000697	0.0111	0.0146	0.341	0.0321	0.0000102	94.9	0.0000642	0.00789	0.000632	0.00458
2107 May	495	0.0602	0.0413	0.0158	8.11	0.191	322	0.00965	0.000851	0.00000696	0.011	0.0145	0.338	0.0323	0.0000101	94.4	0.0000638	0.00782	0.000633	0.00455
2107 Jun	476	0.0597	0.0403	0.0152	8.41	0.183	309	0.0093	0.000844	0.0000068	0.0107	0.0139	0.323	0.0322	0.00000983	91.4	0.0000616	0.00749	0.000626	0.00438
2107 Jul	494	0.061	0.0417	0.0158	8.46	0.189	321	0.00969	0.000862	0.00000698	0.011	0.0145	0.335	0.0329	0.0000101	94.7	0.0000636	0.00776	0.000643	0.00453
2107 Aug	518	0.063	0.0436	0.0167	8.6	0.198	338	0.0102	0.000889	0.00000725	0.0115	0.0152	0.352	0.0341	0.0000106	99.2	0.0000665	0.00815	0.000669	0.00474
2107 Sep	525	0.0633	0.0439	0.0168	8.59	0.201	342	0.0103	0.000892	0.00000732	0.0116	0.0154	0.358	0.0343	0.0000107	100	0.0000674	0.00828	0.000675	0.00481
2107 Oct	522	0.0628	0.0434	0.0166	8.48	0.2	340	0.0102	0.000882	0.00000726	0.0115	0.0153	0.356	0.034	0.0000106	99.5	0.000067	0.00824	0.00067	0.00479
2107 Nov	520	0.0627	0.0432	0.0166	8.46	0.2	339	0.0101	0.00088	0.00000724	0.0115	0.0152	0.355	0.0339	0.0000106	99.1	0.0000668	0.00822	0.000667	0.00477
2107 Dec	520	0.0627	0.0431	0.0165	8.46	0.2	339	0.0101	0.000879	0.00000724	0.0115	0.0152	0.355	0.0339	0.0000106	99.1	0.0000668	0.00822	0.000668	0.00477
2108 Jan	520	0.0627	0.0431	0.0165	8.46	0.2	339	0.0101	0.000879	0.00000724	0.0115	0.0152	0.355	0.0339	0.0000106	99.2	0.0000668	0.00822	0.000668	0.00477

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	520	0.0627	0.0432	0.0165	8.46	0.2	339	0.0101	0.00088	0.00000724	0.0115	0.0152	0.355	0.034	0.0000106	99.2	0.0000669	0.00822	0.000668	0.00478
2108 Mar	520	0.0628	0.0432	0.0166	8.47	0.2	339	0.0101	0.000881	0.00000725	0.0115	0.0152	0.356	0.034	0.0000106	99.3	0.0000669	0.00823	0.000669	0.00478
2108 Apr	525	0.0633	0.0436	0.0167	8.54	0.202	342	0.0102	0.000888	0.00000731	0.0116	0.0153	0.359	0.0343	0.0000107	100	0.0000675	0.0083	0.000674	0.00482
2108 May	534	0.0645	0.0444	0.017	8.69	0.205	348	0.0104	0.000904	0.00000744	0.0118	0.0156	0.365	0.0349	0.0000109	102	0.0000687	0.00845	0.000686	0.00491
2108 Jun	515	0.0621	0.043	0.0165	8.47	0.198	335	0.0101	0.000897	0.00000728	0.0115	0.0151	0.351	0.0337	0.0000106	98.3	0.0000665	0.00811	0.000661	0.00472
2108 Jul	544	0.0651	0.0455	0.0176	8.74	0.208	355	0.0108	0.000942	0.00000765	0.0121	0.016	0.369	0.0352	0.0000111	104	0.0000699	0.00854	0.000692	0.00495
2108 Aug	579	0.0685	0.0485	0.0189	9.04	0.22	379	0.0116	0.00099	0.00000807	0.0127	0.0171	0.393	0.0369	0.0000118	111	0.000074	0.00907	0.00073	0.00525
2108 Sep	586	0.069	0.0489	0.0191	9.05	0.223	383	0.0117	0.000995	0.00000814	0.0129	0.0173	0.398	0.0372	0.0000119	112	0.0000749	0.0092	0.000736	0.00532
2108 Oct	561	0.0671	0.0467	0.0182	8.72	0.214	367	0.0112	0.000958	0.00000782	0.0124	0.0166	0.381	0.0357	0.0000114	107	0.0000718	0.00881	0.000704	0.0051
2108 Nov	558	0.0671	0.0464	0.0181	8.7	0.213	365	0.0111	0.000955	0.00000779	0.0123	0.0164	0.379	0.0355	0.0000114	106	0.0000714	0.00876	0.0007	0.00507
2108 Dec	558	0.0671	0.0464	0.0181	8.7	0.213	365	0.0111	0.000955	0.00000779	0.0123	0.0165	0.379	0.0355	0.0000114	106	0.0000715	0.00876	0.0007	0.00507
2109 Jan	558	0.0671	0.0464	0.0181	8.7	0.213	365	0.0111	0.000955	0.00000779	0.0123	0.0165	0.379	0.0355	0.0000114	106	0.0000715	0.00876	0.0007	0.00507
2109 Feb	558	0.0671	0.0464	0.0181	8.71	0.213	365	0.0111	0.000955	0.00000779	0.0123	0.0165	0.379	0.0355	0.0000114	106	0.0000715	0.00876	0.0007	0.00507
2109 Mar	559	0.0672	0.0464	0.0182	8.72	0.213	365	0.0111	0.000956	0.0000078	0.0124	0.0165	0.38	0.0356	0.0000114	107	0.0000716	0.00877	0.000701	0.00508
2109 Apr	562	0.0676	0.0467	0.0183	8.77	0.215	367	0.0112	0.000962	0.00000784	0.0124	0.0166	0.382	0.0358	0.0000115	107	0.000072	0.00882	0.000705	0.00511
2109 May	559	0.0681	0.0467	0.0182	8.99	0.213	364	0.0111	0.000968	0.00000784	0.0124	0.0165	0.379	0.036	0.0000114	107	0.0000716	0.00875	0.000708	0.00508
2109 Jun	552	0.0686	0.0468	0.0181	9.3	0.209	359	0.0111	0.000975	0.00000781	0.0123	0.0163	0.371	0.0363	0.0000113	106	0.0000706	0.00858	0.00071	0.005
2109 Jul	573	0.0702	0.0485	0.0189	9.34	0.216	373	0.0116	0.000999	0.00000802	0.0126	0.017	0.385	0.037	0.0000117	110	0.0000727	0.00888	0.000728	0.00515
2109 Aug	593	0.0715	0.05	0.0196	9.42	0.223	387	0.012	0.00102	0.00000825	0.0129	0.0176	0.398	0.0379	0.0000121	114	0.000075	0.00919	0.000747	0.00533
2109 Sep	591	0.071	0.0495	0.0195	9.24	0.224	386	0.0119	0.00101	0.0000082	0.0129	0.0175	0.399	0.0376	0.000012	113	0.0000749	0.00921	0.000743	0.00533
2109 Oct	566	0.069	0.047	0.0185	8.9	0.215	370	0.0113	0.00097	0.00000788	0.0124	0.0168	0.383	0.036	0.0000115	108	0.000072	0.00885	0.00071	0.00513
2109 Nov	566	0.0692	0.0469	0.0185	8.9	0.216	370	0.0113	0.00097	0.00000788	0.0125	0.0167	0.383	0.036	0.0000115	108	0.000072	0.00885	0.00071	0.00513
2109 Dec	566	0.0692	0.0469	0.0185	8.9	0.216	370	0.0113	0.00097	0.00000789	0.0125	0.0167	0.383	0.0361	0.0000115	108	0.000072	0.00885	0.00071	0.00513
2110 Jan	566	0.0692	0.0469	0.0185	8.9	0.216	370	0.0113	0.00097	0.00000789	0.0125	0.0167	0.384	0.0361	0.0000115	108	0.0000721	0.00886	0.00071	0.00513
2110 Feb	567	0.0692	0.047	0.0185	8.91	0.216	370	0.0113	0.00097	0.00000789	0.0125	0.0167	0.384	0.0361	0.0000115	108	0.0000721	0.00886	0.00071	0.00513
2110 Mar	567	0.0693	0.047	0.0185	8.91	0.216	370	0.0113	0.000971	0.0000079	0.0125	0.0168	0.384	0.0361	0.0000115	108	0.0000721	0.00887	0.000711	0.00514
2110 Apr	569	0.0695	0.0472	0.0186	8.94	0.217	372	0.0114	0.000974	0.00000792	0.0125	0.0168	0.385	0.0362	0.0000116	109	0.0000724	0.0089	0.000713	0.00516
2110 May	572	0.07	0.0474	0.0187	9.06	0.218	374	0.0114	0.000981	0.00000798	0.0126	0.0169	0.388	0.0366	0.0000117	109	0.0000729	0.00895	0.00072	0.00519
2110 Jun	524	0.0663	0.0439	0.0169	9.18	0.2	340	0.0104	0.000932	0.00000747	0.0118	0.0154	0.354	0.0352	0.0000108	101	0.0000674	0.00819	0.000686	0.00479
2110 Jul	547	0.0683	0.0459	0.0178	9.28	0.207	356	0.0109	0.000959	0.00000771	0.0121	0.0162	0.368	0.0362	0.0000112	105	0.0000699	0.00852	0.000708	0.00497
2110 Aug	524	0.0639	0.0434	0.017	8.68	0.2	341	0.0104	0.000918	0.0000074	0.0116	0.0154	0.354	0.0343	0.0000108	100	0.0000668	0.00819	0.000671	0.00478
2110 Sep	498	0.0615	0.0408	0.016	8.27	0.192	324	0.00978	0.000873	0.00000707	0.0111	0.0146	0.339	0.0326	0.0000102	95.1	0.0000638	0.00783	0.000636	0.00457
2110 Oct	476	0.06	0.0386	0.0151	7.97	0.185	310	0.00929	0.000839	0.00000679	0.0107	0.0139	0.325	0.0313	0.00000983	90.8	0.0000612	0.00751	0.000607	0.00439
2110 Nov	471	0.0595	0.0381	0.0149	7.89	0.183	306	0.00916	0.000831	0.00000673	0.0106	0.0137	0.322	0.0309	0.00000973	89.8	0.0000606	0.00744	0.000601	0.00435
2110 Dec	471	0.0596	0.0381	0.0149	7.89	0.183	306	0.00916	0.000831	0.00000673	0.0107	0.0137	0.322	0.0309	0.00000973	89.8	0.0000607	0.00744	0.000601	0.00435
2111 Jan	471	0.0596	0.0381	0.0149	7.9	0.183	306	0.00916	0.000831	0.00000673	0.0107	0.0137	0.322	0.031	0.00000973	89.8	0.0000607	0.00744	0.000601	0.00435
2111 Feb	471	0.0596	0.0381	0.0149	7.9	0.183	306	0.00916	0.000831	0.00000673	0.0107	0.0137	0.322	0.031	0.00000973	89.8	0.0000607	0.00745	0.000601	0.00436
2111 Mar	472	0.0597	0.0382	0.015	7.91	0.183	307	0.00917	0.000832	0.00000674	0.0107	0.0138	0.322	0.031	0.00000975	90	0.0000608	0.00746	0.000602	0.00436
2111 Apr	474	0.0601	0.0384	0.015	7.96	0.184	309	0.00923	0.000837	0.00000678	0.0107	0.0138	0.324	0.0312	0.00000981	90.5	0.0000612	0.0075	0.000606	0.00439
2111 May	477	0.0608	0.0388	0.0151	8.16	0.185	310	0.00929	0.000848	0.00000685	0.0108	0.0139	0.326	0.0316	0.00000988	91.2	0.0000615	0.00753	0.000613	0.00441
2111 Jun	453	0.0598	0.0375	0.0144	8.45	0.175	293	0.00883	0.000835	0.00000662	0.0104	0.0132	0.306	0.0313	0.00000948	87.2	0.0000586	0.0071	0.000602	0.00419
2111 Jul	484	0.0631	0.0401	0.0155	8.78	0.186	314	0.00951	0.00088	0.000007	0.011	0.0142	0.327	0.033	0.0000101	93.2	0.0000623	0.00758	0.000637	0.00446
2111 Aug	488	0.0621	0.04	0.0156	8.53	0.188	317	0.00955	0.000871	0.000007	0.011	0.0143	0.331	0.0327	0.0000101	93.5	0.0000626	0.00766	0.000634	0.00449
2111 Sep	488	0.0614	0.0395	0.0154	8.41	0.189	317	0.00946	0.000863	0.00000698	0.011	0.0142	0.333	0.0326	0.0000101	93.3	0.0000627	0.00771	0.000631	0.00451
2111 Oct	474	0.06	0.0382	0.0149	8.17	0.185	308	0.00915	0.000838	0.0000068	0.0107	0.0138	0.325	0.0317	0.00000981	90.6	0.0000612	0.00752	0.000614	0.00441
2111 Nov	464	0.0593	0.0372	0.0145	8.04	0.181	301	0.00891	0.000823	0.00000667	0.0106	0.0135	0.318	0.031	0.00000961	88.5	0.00006	0.00737	0.0006	0.00432
2111 Dec	464	0.0594	0.0372	0.0145	8.04	0.182	301	0.0089	0.000823	0.00000667	0.0106	0.0135	0.318	0.031	0.00000962	88.5	0.00006	0.00737	0.0006	0.00432
2112 Jan	464	0.0594	0.0372	0.0145	8.04	0.182	301	0.0089	0.000823	0.00000667	0.0106	0.0135	0.318	0.031	0.00000962	88.5	0.00006	0.00737	0.0006	0.00432
2112 Feb	464	0.0594	0.0372	0.0145	8.05	0.182	301	0.0089	0.000823	0.00000668	0.0106	0.0135	0.318	0.0311	0.00000962	88.6	0.0000601	0.00737	0.0006	0.00433
2112 Mar	465	0.0595	0.0373	0.0145	8.06	0.182	302	0.00892	0.000824	0.00000669	0.0106	0.0135	0.319	0.0311	0.00000964	88.7	0.0000602	0.00739	0.000601	0.00433
2112 Apr	467	0.0598	0.0375	0.0146	8.11	0.183	304	0.00896	0.000829	0.00000672	0.0106	0.0136	0.321	0.0313	0.00000969	89.2	0.0000605	0.00743	0.000605	0.00436
2112 May	468	0.0603	0.0376	0.0146	8.31	0.183	303	0.00896	0.000836	0.00000676	0.0107	0.0136	0.32	0.0317	0.00000972	89.5	0.0000607	0.00743	0.000611	0.00437
2112 Jun	424	0.0562	0.0346	0.0131	8.2	0.165	273	0.00808	0.000784	0.00000624	0.00984	0.0122	0.289	0.03	0.00000891	81.6	0.0000554	0.0067	0.000574	0.00397
2112 Jul	441	0.0572	0.0359	0.0137	8.23	0.172	285	0.00843	0.000802	0.00000643	0.0101	0.0128	0.301	0.0307	0.00000921	84.8	0.0000575	0.00699	0.000591	0.00412
2112 Aug	464	0.0589	0.0374	0.0144	8.36	0.181	300	0.00883	0.000825	0.00000669	0.0106	0.0134	0.318	0.0319	0.00000961	88.8	0.0000604	0.00737	0.000615	0.00433
2112 Sep	467	0.0585	0.0373	0.0144	8.27	0.183	303	0.00881	0.000819	0.00000671	0.0106	0.0135	0.322	0.0319	0.00000966	89.3	0.000061	0.00748	0.000618	0.00439
2112 Oct	467	0.0581	0.037	0.0143	8.16	0.184	303	0.00875	0.000811	0.00000668	0.0106	0.0134	0.323	0.0318	0.00000963	89.1	0.0000611	0.0075	0.000617	0.0044
2112 Nov	467	0.0582	0.0369	0.0142	8.16	0.184	303	0.00874	0.000811	0.00000669	0.0106	0.0134	0.324	0.0318	0.00000964	89.1	0.0000612	0.00752	0.000617	0.00441
2112 Dec	468	0.0582	0.0369	0.0142	8.16	0.184	304	0.00874	0.000811	0.00000669	0.0107	0.0134	0.324	0.0318	0.00000964	89.1	0.0000613	0.00752	0.000617	0.00441
2113 Jan	468	0.0582	0.0369	0.0142	8.16	0.185	304	0.00874	0.000811	0.00000669	0.0107	0.0134	0.324	0.0318	0.00000964	89.1	0.0000613	0.00753	0.000617	0.00441
2113 Feb	468	0.0582	0.0369	0.0142	8.17	0.185	304	0.00874	0.000811	0.00000669	0.0107	0.0134	0.324	0.0319	0.00000965	89.1	0.0000613	0.00753	0.000618	0.00441
2113 Mar	469	0.0584	0.037	0.0143	8.19	0.185	305	0.00876	0.000813	0.00000671	0.0107	0.0135	0.325	0.0319	0.00000967	89.4	0.0000615	0.00755	0.000619	0.00443
2113 Apr	472	0.0587	0.0372	0.0144	8.23	0.186	306	0.00881	0.000818	0.00000675	0.0107	0.0135	0.327	0.0321	0.00000973	89.9	0.0000618	0.00759	0.000623	0.00445
2113 May	474	0.0593	0.0375	0.0144	8.41	0.187	307	0.00885	0.000826	0.0000068	0.0108	0.0136	0.328	0.0325	0.00000979	90.5	0.0000622	0.00762	0.00063	0.00448
2113 Jun	456	0.0583	0.0366	0.0139	8.55	0.179	294	0.00854	0.000814	0.00000661	0.0105	0.0131	0.313	0.0321	0.00000948	87.5	0.0000599	0.00729	0.000619	0.0043
2113 Jul	483	0.0608	0.0388	0.0149	8.76	0.188	312	0.00913	0.000848	0.00000692	0.011	0.0139	0.331	0.0334	0.00000996	92.5	0.0000629	0.00769	0.000647	0.00452
2113 Aug	505	0.0624	0.0405	0.0156	8.84	0.197	328	0.00958	0.000869	0.00000716	0.0113	0.0146	0.347	0.0344	0.0000104	96.6	0.0000656	0.00807	0.000671	0.00472
2113 Sep	505	0.062	0.0401	0.0155	8.68	0.197	328	0.00952	0.000859	0.00000712	0.0113	0.0145	0.348	0.0342	0.0000103	96.3	0.0000656	0.00809	0.000667	0.00473
2113 Oct	478	0.0599	0.0376	0.0146	8.27	0.188	310	0.00895	0.000818	0.00000677	0.0108	0.0137	0.33	0.0324	0.00000979	91	0.0000624	0.00767	0.000629	0.00449
2113 Nov	472	0.0598	0.0371	0.0144	8.22	0.186	307	0.00883	0.000812	0.00000672	0.0107	0.0136	0.327	0.0321	0.00000971	90	0.0000618	0.0076	0.000622	0.00445
2113 Dec	473	0.0598	0.0371	0.0144	8.23	0.186	307	0.00883	0.000812	0.00000672	0.0107	0.0136	0.327	0.0321	0.00000971	90	0.0000618	0.0076	0.000623	0.00446
2114 Jan	473	0.0598	0.0371	0.0144	8.23	0.186	307	0.00883	0.000812	0.00000673	0.0108	0.0136	0.327	0.0321	0.00000971	90.1	0.0000618	0.00761	0.000623	0.00446
2114 Feb	473	0.0598	0.0371	0.0144	8.23	0.186	307	0.00883	0.000812	0.00000673	0.0108	0.0136	0.327	0.0321	0.00000971	90.1	0.0000619	0.00761	0.000623	0.00446
2114 Mar	473	0.0599	0.0372	0.0144	8.24	0.187	307	0.00885	0.000813	0.00000674	0.0108	0.0136	0.328	0.0321	0.00000973	90.2	0.0000619	0.00762	0.000624	0.00446
2114 Apr	475	0.0602	0.0373	0.0145	8.28	0.187	309	0.00888	0.000816	0.00000676	0.0108	0.0136	0.329	0.0323	0.00000976	90.5	0.0000622	0.00765	0.000626	0.00448
2114 May	471	0.0601	0.0372	0.0143	8.43	0.186	305	0.00878	0.000816	0.00000673	0.0108	0.0135	0.326	0.0324	0.0000097	89.9	0.0000618	0.00757	0.000628	0.00445
2114 Jun	472	0.0609	0.0375	0.0143	8.73	0.186	305	0.0088	0.000827	0.00000678	0.0108	0.0135	0.326	0.033	0.00000975	90.4	0.000062	0.00757	0.000638	0.00446

Appendix D.2-2: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	508	0.0644	0.0403	0.0155	9.07	0.199	329	0.00952	0.000873	0.00000721	0.0115	0.0146	0.35	0.035	0.0000104	97.1	0.0000663	0.00814	0.000679	0.00477
2114 Aug	541	0.0677	0.0428	0.0165	9.42	0.212	351	0.0101	0.000916	0.00000762	0.0122	0.0155	0.374	0.0369	0.000011	103	0.0000706	0.00869	0.000718	0.00508
2114 Sep	539	0.0668	0.0422	0.0164	9.2	0.212	350	0.01	0.000901	0.00000755	0.0121	0.0154	0.374	0.0364	0.000011	103	0.0000703	0.00869	0.000712	0.00507
2114 Oct	526	0.0653	0.0409	0.0159	8.9	0.208	343	0.00975	0.000874	0.00000737	0.0118	0.015	0.367	0.0355	0.0000107	100	0.0000689	0.00852	0.000693	0.00498
2114 Nov	513	0.0643	0.0397	0.0154	8.7	0.204	334	0.00946	0.000854	0.00000721	0.0116	0.0146	0.358	0.0346	0.0000105	97.5	0.0000674	0.00833	0.000675	0.00487
2114 Dec	513	0.0643	0.0396	0.0154	8.7	0.204	334	0.00944	0.000854	0.0000072	0.0116	0.0146	0.358	0.0346	0.0000104	97.3	0.0000673	0.00832	0.000674	0.00486
2115 Jan	513	0.0643	0.0396	0.0154	8.71	0.204	334	0.00944	0.000854	0.0000072	0.0116	0.0146	0.358	0.0346	0.0000104	97.3	0.0000674	0.00833	0.000674	0.00486
2115 Feb	513	0.0643	0.0396	0.0154	8.71	0.204	334	0.00944	0.000854	0.00000721	0.0116	0.0146	0.358	0.0346	0.0000104	97.3	0.0000674	0.00833	0.000675	0.00487
2115 Mar	513	0.0644	0.0396	0.0154	8.72	0.204	334	0.00944	0.000855	0.00000721	0.0116	0.0146	0.358	0.0346	0.0000105	97.4	0.0000674	0.00834	0.000675	0.00487
2115 Apr	516	0.0647	0.0398	0.0155	8.76	0.205	336	0.00949	0.000859	0.00000725	0.0117	0.0147	0.36	0.0348	0.0000105	97.9	0.0000678	0.00838	0.000679	0.0049
2115 May	513	0.0647	0.0398	0.0154	8.85	0.203	333	0.00945	0.00086	0.00000722	0.0116	0.0146	0.357	0.0348	0.0000105	97.5	0.0000673	0.00831	0.000678	0.00486
2115 Jun	523	0.0664	0.0408	0.0157	9.18	0.207	339	0.00966	0.000883	0.00000738	0.0119	0.0149	0.363	0.0358	0.0000107	99.6	0.0000686	0.00845	0.000696	0.00495
2115 Jul	555	0.0695	0.0433	0.0169	9.43	0.219	361	0.0103	0.000922	0.00000775	0.0125	0.0159	0.385	0.0374	0.0000113	106	0.0000724	0.00895	0.000731	0.00523
2115 Aug	553	0.0679	0.0428	0.0167	9.11	0.218	360	0.0103	0.000903	0.00000766	0.0123	0.0158	0.385	0.0368	0.0000112	105	0.0000721	0.00895	0.000722	0.00521
2115 Sep	556	0.0675	0.0427	0.0167	9.01	0.221	363	0.0102	0.000898	0.00000768	0.0124	0.0159	0.389	0.0368	0.0000112	105	0.0000726	0.00904	0.000723	0.00526
2115 Oct	558	0.0671	0.0426	0.0167	8.92	0.222	364	0.0102	0.000893	0.00000768	0.0124	0.0159	0.391	0.0368	0.0000112	105	0.0000729	0.0091	0.000724	0.00528
2115 Nov	552	0.0664	0.042	0.0165	8.79	0.22	361	0.0101	0.000881	0.00000759	0.0123	0.0157	0.388	0.0364	0.0000111	104	0.0000723	0.00902	0.000716	0.00524
2115 Dec	551	0.0665	0.0419	0.0165	8.79	0.22	360	0.0101	0.000881	0.00000759	0.0123	0.0157	0.387	0.0363	0.0000111	104	0.0000722	0.00901	0.000715	0.00523
2116 Jan	551	0.0665	0.0419	0.0165	8.8	0.22	360	0.0101	0.000881	0.00000759	0.0123	0.0157	0.387	0.0363	0.0000111	104	0.0000722	0.00901	0.000715	0.00523
2116 Feb	551	0.0665	0.0419	0.0165	8.8	0.22	360	0.0101	0.000881	0.00000759	0.0123	0.0157	0.388	0.0364	0.0000111	104	0.0000722	0.00901	0.000715	0.00523
2116 Mar	552	0.0666	0.042	0.0165	8.81	0.22	361	0.0101	0.000882	0.0000076	0.0123	0.0157	0.388	0.0364	0.0000111	104	0.0000723	0.00902	0.000716	0.00524
2116 Apr	554	0.0669	0.0422	0.0166	8.85	0.221	362	0.0101	0.000886	0.00000764	0.0123	0.0158	0.39	0.0366	0.0000112	105	0.0000726	0.00907	0.000719	0.00526
2116 May	555	0.0671	0.0422	0.0165	8.98	0.222	362	0.0101	0.000889	0.00000766	0.0124	0.0158	0.391	0.0369	0.0000112	105	0.0000729	0.00909	0.000725	0.00528
2116 Jun	506	0.0628	0.0391	0.015	8.86	0.201	328	0.00921	0.000843	0.00000712	0.0115	0.0144	0.354	0.0349	0.0000103	96.2	0.0000668	0.00824	0.00068	0.00482
2116 Jul	536	0.0657	0.0415	0.016	9.15	0.212	349	0.00984	0.000883	0.00000748	0.012	0.0153	0.374	0.0365	0.0000109	102	0.0000704	0.00871	0.000714	0.00508
2116 Aug	563	0.0683	0.0435	0.0169	9.41	0.223	367	0.0104	0.000917	0.00000781	0.0126	0.0161	0.393	0.038	0.0000114	107	0.0000738	0.00915	0.000745	0.00533
2116 Sep	550	0.0669	0.0422	0.0164	9.08	0.219	359	0.0101	0.00089	0.00000762	0.0123	0.0157	0.386	0.0369	0.0000111	104	0.0000723	0.00897	0.000724	0.00522
2116 Oct	533	0.0654	0.0405	0.0158	8.76	0.213	347	0.00968	0.000861	0.00000739	0.012	0.0151	0.375	0.0356	0.0000108	101	0.0000702	0.00872	0.000698	0.00508
2116 Nov	533	0.0654	0.0404	0.0158	8.75	0.213	347	0.00966	0.00086	0.00000739	0.012	0.0151	0.375	0.0356	0.0000108	101	0.0000702	0.00872	0.000698	0.00508
2116 Dec	533	0.0654	0.0404	0.0158	8.75	0.213	347	0.00966	0.00086	0.00000739	0.012	0.0151	0.375	0.0356	0.0000108	101	0.0000702	0.00873	0.000698	0.00508
2117 Jan	533	0.0654	0.0404	0.0158	8.75	0.213	347	0.00966	0.00086	0.00000739	0.012	0.0151	0.375	0.0356	0.0000108	101	0.0000702	0.00873	0.000698	0.00508
2117 Feb	533	0.0654	0.0404	0.0158	8.75	0.213	347	0.00966	0.00086	0.00000739	0.012	0.0151	0.375	0.0356	0.0000108	101	0.0000703	0.00873	0.000698	0.00508
2117 Mar	533	0.0655	0.0404	0.0158	8.76	0.213	348	0.00967	0.000861	0.0000074	0.012	0.0151	0.375	0.0357	0.0000108	101	0.0000703	0.00874	0.000699	0.00509
2117 Apr	537	0.0659	0.0407	0.0159	8.81	0.214	350	0.00973	0.000866	0.00000744	0.0121	0.0152	0.378	0.0359	0.0000108	101	0.0000708	0.00879	0.000703	0.00512
2117 May	539	0.0665	0.041	0.016	8.98	0.215	351	0.00978	0.000875	0.0000075	0.0122	0.0153	0.379	0.0363	0.0000109	102	0.0000711	0.00883	0.00071	0.00514
2117 Jun	534	0.067	0.0411	0.0158	9.26	0.213	347	0.00972	0.000884	0.0000075	0.0121	0.0152	0.374	0.0366	0.0000109	101	0.0000705	0.00871	0.000713	0.00509
2117 Jul	567	0.0705	0.0437	0.017	9.62	0.224	369	0.0104	0.000929	0.00000789	0.0127	0.0161	0.396	0.0384	0.0000115	108	0.0000744	0.00921	0.00075	0.00537
2117 Aug	588	0.0723	0.0453	0.0177	9.73	0.233	383	0.0109	0.000952	0.00000813	0.0131	0.0168	0.411	0.0393	0.0000119	112	0.0000769	0.00955	0.000773	0.00556
2117 Sep	598	0.0729	0.0459	0.018	9.76	0.237	390	0.011	0.00096	0.00000823	0.0133	0.0171	0.418	0.0398	0.000012	113	0.0000782	0.00972	0.000783	0.00565
2117 Oct	592	0.0721	0.0453	0.0177	9.62	0.235	386	0.0109	0.000948	0.00000814	0.0132	0.0169	0.415	0.0394	0.0000119	112	0.0000775	0.00964	0.000774	0.0056
2117 Nov	588	0.0718	0.045	0.0176	9.57	0.233	384	0.0108	0.000942	0.0000081	0.0131	0.0168	0.412	0.0391	0.0000118	111	0.0000771	0.00959	0.000769	0.00557
2117 Dec	587	0.0718	0.0449	0.0176	9.56	0.233	383	0.0108	0.000941	0.00000809	0.0131	0.0167	0.411	0.039	0.0000118	111	0.0000769	0.00957	0.000768	0.00556
2118 Jan	587	0.0718	0.0449	0.0176	9.56	0.233	383	0.0108	0.000941	0.00000809	0.0131	0.0167	0.411	0.0391	0.0000118	111	0.0000769	0.00957	0.000768	0.00556
2118 Feb	587	0.0718	0.0449	0.0176	9.56	0.233	383	0.0108	0.000941	0.00000809	0.0131	0.0167	0.411	0.0391	0.0000118	111	0.0000769	0.00957	0.000768	0.00556
2118 Mar	587	0.0719	0.0449	0.0176	9.57	0.233	383	0.0108	0.000942	0.00000809	0.0131	0.0167	0.412	0.0391	0.0000118	111	0.000077	0.00958	0.000768	0.00557
2118 Apr	590	0.0721	0.0451	0.0176	9.61	0.234	385	0.0108	0.000946	0.00000812	0.0131	0.0168	0.413	0.0392	0.0000119	112	0.0000773	0.00961	0.000772	0.00559
2118 May	572	0.0715	0.0443	0.0171	9.82	0.226	372	0.0105	0.000939	0.00000796	0.0128	0.0163	0.399	0.0389	0.0000116	109	0.0000751	0.00928	0.000762	0.00542
2118 Jun	530	0.068	0.0418	0.016	9.71	0.208	343	0.0098	0.000897	0.00000747	0.012	0.0151	0.366	0.0371	0.0000108	101	0.0000695	0.00853	0.000721	0.00501
2118 Jul	568	0.072	0.0449	0.0173	10.1	0.222	368	0.0106	0.000949	0.00000793	0.0127	0.0163	0.392	0.0392	0.0000115	109	0.000074	0.00911	0.000765	0.00533
2118 Aug	568	0.0709	0.0446	0.0173	9.88	0.223	369	0.0106	0.000937	0.00000789	0.0127	0.0163	0.393	0.0388	0.0000115	108	0.0000741	0.00915	0.00076	0.00534
2118 Sep	544	0.068	0.0421	0.0164	9.33	0.215	354	0.01	0.000891	0.00000756	0.0122	0.0155	0.379	0.037	0.000011	103	0.0000712	0.00881	0.000723	0.00514
2118 Oct	529	0.0663	0.0406	0.0158	8.99	0.21	344	0.00967	0.000862	0.00000735	0.0119	0.015	0.37	0.0358	0.0000107	100	0.0000695	0.00862	0.000701	0.00503
2118 Nov	525	0.0659	0.0401	0.0156	8.91	0.209	342	0.00957	0.000855	0.0000073	0.0118	0.0149	0.368	0.0355	0.0000106	99.6	0.000069	0.00856	0.000695	0.005
2118 Dec	525	0.066	0.0401	0.0156	8.92	0.209	342	0.00957	0.000855	0.0000073	0.0118	0.0149	0.368	0.0355	0.0000106	99.6	0.000069	0.00856	0.000695	0.005
2119 Jan	525	0.066	0.0401	0.0156	8.92	0.209	342	0.00957	0.000855	0.0000073	0.0118	0.0149	0.368	0.0355	0.0000106	99.6	0.000069	0.00856	0.000695	0.005
2119 Feb	525	0.066	0.0401	0.0156	8.92	0.209	342	0.00957	0.000855	0.0000073	0.0118	0.0149	0.368	0.0356	0.0000106	99.6	0.0000691	0.00857	0.000695	0.005
2119 Mar	526	0.0661	0.0402	0.0156	8.94	0.209	342	0.00959	0.000857	0.00000732	0.0118	0.0149	0.369	0.0356	0.0000106	99.8	0.0000692	0.00858	0.000696	0.00501
2119 Apr	530	0.0667	0.0405	0.0157	9.03	0.211	345	0.00965	0.000863	0.00000737	0.0119	0.015	0.371	0.0359	0.0000107	101	0.0000697	0.00864	0.000702	0.00504
2119 May	507	0.0657	0.0394	0.015	9.26	0.201	328	0.00923	0.000846	0.00000713	0.0115	0.0144	0.353	0.0355	0.0000103	96.8	0.0000668	0.00823	0.00069	0.00483
2119 Jun	501	0.0648	0.039	0.0149	9.17	0.198	324	0.00914	0.000838	0.00000705	0.0114	0.0142	0.349	0.0351	0.0000102	95.7	0.000066	0.00812	0.000682	0.00477
2119 Jul	535	0.0679	0.0416	0.016	9.46	0.211	347	0.00981	0.000881	0.00000745	0.012	0.0152	0.372	0.0369	0.0000108	102	0.0000701	0.00867	0.000721	0.00507
2119 Aug	551	0.069	0.0425	0.0164	9.54	0.218	358	0.0101	0.000896	0.00000764	0.0123	0.0157	0.385	0.0377	0.0000111	105	0.0000723	0.00896	0.000738	0.00523
2119 Sep	543	0.0673	0.0415	0.0161	9.23	0.216	353	0.00985	0.000872	0.0000075	0.0121	0.0154	0.381	0.0369	0.0000109	103	0.0000713	0.00887	0.000723	0.00517
2119 Oct	534	0.066	0.0405	0.0157	8.96	0.213	348	0.00964	0.000852	0.00000736	0.0119	0.0151	0.376	0.0361	0.0000107	101	0.0000703	0.00876	0.000709	0.0051
2119 Nov	527	0.0656	0.0399	0.0155	8.87	0.211	343	0.0095	0.000843	0.00000728	0.0118	0.0149	0.371	0.0357	0.0000106	99.8	0.0000695	0.00865	0.000699	0.00504
2119 Dec	527	0.0657	0.0399	0.0155	8.87	0.211	343	0.0095	0.000843	0.00000729	0.0118	0.0149	0.371	0.0357	0.0000106	99.8	0.0000695	0.00865	0.000699	0.00504

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0353	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0339	0.0000494	0.000159	0.0000677	0.116	0.00000234	0.0000821	0.000607	0.00168	3.04E-16
Operation (2026-2036): Mean	0.05	0.0000294	11.2	23.9	0.14	0.00437	321	0.0257	0.0442	0.00016	0.00131	0.000585	0.742	0.00000772	0.00258	0.0012	0.00263	0.0000719
Operation (2026-2036): Max	0.0922	0.0000501	22.5	47	0.295	0.0084	671	0.0509	0.0727	0.000626	0.00254	0.00114	1.7	0.0000777	0.00568	0.00214	0.00377	0.00115
Active Closure (2037-2043): Min	0.0428	0.0000201	6.42	14.1	0.105	0.00227	97	0.0133	0.0365	0.000076	0.000802	0.000354	0.409	0.00000257	0.00131	0.00109	0.00231	3.09E-17
Active Closure (2037-2043): Mean	0.0753	0.0000244	9.38	19.1	0.14	0.00346	159	0.0185	0.0481	0.000445	0.00106	0.00057	0.545	0.00000327	0.00179	0.00133	0.00264	0.000106
Active Closure (2037-2043): Max	0.102	0.0000413	16.6	37.3	0.184	0.00682	414	0.0406	0.057	0.000721	0.00201	0.000973	1.01	0.00000497	0.00396	0.00166	0.00311	0.000543
Post Closure (2044-2119): Min	0.0479	0.0000208	12.2	17.8	0.159	0.0044	6.15	0.0136	0.0258	0.000221	0.00101	0.000932	0.511	0.00000383	0.00147	0.00111	0.00231	0.000338
Post Closure (2044-2119): Mean	0.0594	0.0000334	18.1	32.7	0.222	0.00695	30	0.0309	0.0328	0.000313	0.00179	0.00123	0.904	0.00000502	0.00315	0.00159	0.00315	0.000466
Post Closure (2044-2119): Max	0.0743	0.0000439	23	42.8	0.283	0.00887	110	0.0412	0.0464	0.000412	0.00236	0.00154	1.18	0.00000619	0.00417	0.0021	0.00411	0.000704
Water quality guideline for the protection of terrestrial life	**-**	***0.003***	**-**	**-**	**-**	***0.5***	**-**	***1***	**-**	***0.1***	**-**	***0.05***	**-**	**-**	***0.2***	***0.1***	***50***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0.0635	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0517	0.000315	0.000159	0.0000677	0.116	0.00000335	0.0000821	0.000607	0.00168	0.000021
2026 Feb	0.0635	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0517	0.000316	0.000159	0.0000677	0.116	0.00000335	0.0000821	0.000608	0.00168	0.000021
2026 Mar	0.0636	0.00000991	1.42	2.42	0.044	0.00028	7.04	0.00129	0.0518	0.000316	0.000159	0.0000678	0.116	0.00000335	0.0000824	0.000608	0.00168	0.000021
2026 Apr	0.0638	0.00000995	1.42	2.43	0.0442	0.000282	7.09	0.0013	0.0519	0.000317	0.00016	0.0000682	0.116	0.00000337	0.0000831	0.000611	0.00169	0.0000211
2026 May	0.0646	0.0000102	1.51	2.61	0.0454	0.000312	8.06	0.00148	0.0526	0.000321	0.00017	0.0000726	0.122	0.00000342	0.0001	0.000624	0.00172	0.0000213
2026 Jun	0.0605	0.0000108	1.83	3.38	0.0457	0.00046	13.1	0.00249	0.0501	0.00029	0.000225	0.0000914	0.137	0.00000322	0.0002	0.000631	0.00176	0.0000184
2026 Jul	0.0622	0.0000115	2.01	3.77	0.0481	0.000526	15.2	0.0029	0.0517	0.000296	0.00025	0.000101	0.148	0.00000332	0.000239	0.000661	0.00185	0.0000185
2026 Aug	0.0634	0.0000126	2.48	4.83	0.0535	0.000715	21.3	0.00405	0.0525	0.0003	0.000308	0.000127	0.177	0.00000343	0.000351	0.000707	0.00193	0.0000187
2026 Sep	0.0643	0.0000136	2.88	5.72	0.058	0.000875	26.4	0.00502	0.053	0.000303	0.000356	0.000148	0.201	0.00000351	0.000446	0.000745	0.002	0.0000188
2026 Oct	0.0631	0.0000147	3.45	7.04	0.0634	0.00112	34.3	0.00652	0.0519	0.000295	0.000426	0.00018	0.236	0.00000351	0.000594	0.000781	0.00204	0.0000182
2026 Nov	0.0633	0.0000147	3.46	7.06	0.0635	0.00113	34.4	0.00654	0.0521	0.000296	0.000427	0.000181	0.236	0.00000352	0.000596	0.000782	0.00205	0.0000182
2026 Dec	0.0633	0.0000147	3.46	7.06	0.0635	0.00113	34.4	0.00654	0.0521	0.000296	0.000427	0.000181	0.236	0.00000352	0.000596	0.000782	0.00205	0.0000182
2027 Jan	0.0634	0.0000147	3.46	7.06	0.0636	0.00113	34.4	0.00654	0.0521	0.000296	0.000427	0.000181	0.236	0.00000352	0.000596	0.000783	0.00205	0.0000182
2027 Feb	0.0634	0.0000147	3.46	7.06	0.0636	0.00113	34.4	0.00654	0.0521	0.000296	0.000427	0.000181	0.236	0.00000352	0.000596	0.000783	0.00205	0.0000182
2027 Mar	0.0634	0.0000147	3.46	7.07	0.0636	0.00113	34.4	0.00654	0.0522	0.000296	0.000427	0.000181	0.237	0.00000352	0.000596	0.000783	0.00205	0.0000182
2027 Apr	0.0638	0.0000148	3.48	7.11	0.064	0.00113	34.6	0.00658	0.0524	0.000298	0.00043	0.000182	0.238	0.00000354	0.000599	0.000788	0.00206	0.0000183
2027 May	0.0648	0.0000153	3.67	7.54	0.0665	0.00121	40	0.00703	0.0532	0.000302	0.000454	0.000192	0.25	0.00000361	0.000643	0.000812	0.00211	0.0000186
2027 Jun	0.0601	0.0000151	3.69	7.61	0.0634	0.00123	49.9	0.00727	0.0502	0.000271	0.000468	0.000194	0.247	0.00000336	0.000668	0.000786	0.00208	0.0000159
2027 Jul	0.0603	0.0000154	3.7	7.62	0.0631	0.00123	51.7	0.00732	0.0509	0.000267	0.000477	0.000195	0.246	0.00000336	0.000671	0.000795	0.00214	0.0000152
2027 Aug	0.0544	0.0000308	12.6	22.8	0.149	0.00468	298	0.0266	0.0434	0.00023	0.00141	0.000629	0.789	0.000007	0.00317	0.0013	0.00289	0.0000569
2027 Sep	0.0376	0.0000454	22.5	40	0.272	0.00828	604	0.0472	0.0369	0.000109	0.00233	0.00107	1.58	0.000026	0.00568	0.0017	0.00349	0.000338
2027 Oct	0.0365	0.0000438	21.8	39.8	0.277	0.00795	606	0.0458	0.041	0.0000814	0.00222	0.00103	1.61	0.0000315	0.00532	0.00162	0.00341	0.000424
2027 Nov	0.0372	0.0000423	20.7	38	0.261	0.00759	577	0.0436	0.0416	0.0000776	0.00212	0.000977	1.52	0.0000289	0.00503	0.00155	0.00329	0.000385
2027 Dec	0.0374	0.0000419	20.4	37.6	0.257	0.0075	570	0.0431	0.0416	0.0000765	0.00209	0.000966	1.49	0.000028	0.00496	0.00154	0.00326	0.000373
2028 Jan	0.0381	0.0000416	20.2	37.3	0.255	0.00742	564	0.0426	0.0419	0.0000797	0.00207	0.000956	1.48	0.0000278	0.00491	0.00153	0.00324	0.000369
2028 Feb	0.039	0.0000414	20.1	37.1	0.255	0.00738	561	0.0424	0.042	0.0000849	0.00206	0.000952	1.47	0.0000276	0.00488	0.00153	0.00323	0.000367
2028 Mar	0.0396	0.0000413	20.1	37	0.254	0.00736	559	0.0423	0.0422	0.0000884	0.00205	0.000949	1.47	0.0000275	0.00486	0.00154	0.00322	0.000365
2028 Apr	0.0404	0.0000415	20.1	37.2	0.256	0.00739	561	0.0424	0.0425	0.0000916	0.00206	0.000953	1.47	0.0000276	0.00488	0.00155	0.00324	0.000367
2028 May	0.0404	0.0000413	21.3	37.6	0.294	0.00743	580	0.0427	0.0491	0.0000959	0.00206	0.000957	1.7	0.0000418	0.00502	0.00154	0.00343	0.000582
2028 Jun	0.0357	0.0000249	14.7	21	0.265	0.00403	349	0.0235	0.0603	0.0000989	0.00115	0.000525	1.54	0.0000622	0.00306	0.000954	0.00311	0.000909
2028 Jul	0.0353	0.0000187	12.1	14.9	0.258	0.00269	264	0.016	0.0668	0.000102	0.000794	0.000356	1.5	0.0000717	0.00225	0.000737	0.00305	0.00106
2028 Aug	0.0391	0.0000219	13.9	17.8	0.288	0.00321	307	0.0191	0.0727	0.000113	0.00095	0.000426	1.67	0.0000777	0.00262	0.000864	0.00342	0.00115
2028 Sep	0.0413	0.000031	16.9	27.1	0.295	0.00493	412	0.0295	0.0658	0.000109	0.00145	0.000653	1.7	0.0000641	0.00349	0.00121	0.00367	0.00093
2028 Oct	0.043	0.0000273	10.7	21.9	0.136	0.00412	281	0.0235	0.0492	0.0000514	0.00114	0.000526	0.776	0.0000137	0.0024	0.000961	0.00235	0.000166
2028 Nov	0.0435	0.0000269	10.4	21.4	0.13	0.00403	273	0.0229	0.0496	0.0000497	0.00111	0.000513	0.744	0.0000126	0.00233	0.00094	0.00231	0.000148
2028 Dec	0.0436	0.0000267	10.3	21.1	0.128	0.00399	269	0.0226	0.0497	0.0000494	0.00109	0.000507	0.736	0.0000125	0.0023	0.000931	0.00229	0.000147
2029 Jan	0.0439	0.0000266	10.2	21	0.128	0.00397	268	0.0225	0.0498	0.0000512	0.00109	0.000505	0.733	0.0000124	0.00229	0.000931	0.00229	0.000146
2029 Feb	0.0444	0.0000265	10.2	21	0.128	0.00396	267	0.0224	0.0498	0.0000539	0.00108	0.000504	0.731	0.0000124	0.00228	0.000935	0.00229	0.000145
2029 Mar	0.0447	0.0000265	10.2	21	0.129	0.00395	267	0.0224	0.0499	0.0000558	0.00108	0.000503	0.731	0.0000123	0.00228	0.000938	0.00228	0.000145
2029 Apr	0.045	0.0000266	10.2	21	0.129	0.00395	267	0.0224	0.05	0.0000572	0.00108	0.000504	0.732	0.0000124	0.00228	0.000941	0.00229	0.000145
2029 May	0.0457	0.0000282	10.9	22.7	0.137	0.00425	291	0.0242	0.0501	0.0000603	0.00117	0.000544	0.776	0.0000125	0.00246	0.00101	0.00239	0.000145
2029 Jun	0.0449	0.0000307	11.7	25	0.142	0.00459	336	0.027	0.0459	0.0000794	0.00136	0.000605	0.789	0.00000957	0.00269	0.00117	0.00274	0.0000986
2029 Jul	0.0398	0.0000154	3.97	8.04	0.0508	0.0014	100	0.00852	0.0421	0.0000905	0.000546	0.000204	0.259	0.00000393	0.000816	0.000664	0.00215	0.0000265
2029 Aug	0.0419	0.0000177	4.92	10.2	0.0613	0.00178	131	0.0109	0.0437	0.0000953	0.000663	0.000256	0.317	0.00000416	0.00104	0.000753	0.00233	0.000027
2029 Sep	0.043	0.0000287	10.2	22.3	0.118	0.004	311	0.0243	0.0411	0.0000979	0.0013	0.000547	0.636	0.0000045	0.00236	0.00117	0.00288	0.0000226
2029 Oct	0.0422	0.0000359	13.8	30.7	0.156	0.00556	438	0.0336	0.0377	0.0000904	0.00172	0.000748	0.854	0.00000441	0.00327	0.00143	0.00311	0.000016
2029 Nov	0.042	0.00003	11.1	24.5	0.123	0.00452	346	0.0265	0.041	0.0000652	0.00134	0.000594	0.683	0.00000358	0.00259	0.00113	0.00253	0.00000889
2029 Dec	0.0422	0.0000296	10.9	24.1	0.121	0.00445	339	0.0261	0.0414	0.000064	0.00131	0.000584	0.672	0.00000354	0.00254	0.00111	0.0025	0.00000861
2030 Jan	0.0427	0.0000294	10.8	23.9	0.12	0.00441	336	0.0258	0.0416	0.0000668	0.0013	0.000579	0.667	0.00000353	0.00252	0.00111	0.00249	0.00000852
2030 Feb	0.0434	0.0000293	10.8	23.8	0.121	0.00439	334	0.0257	0.0418	0.0000712	0.00129	0.000577	0.665	0.00000352	0.00251	0.00111	0.00248	0.00000848
2030 Mar	0.044	0.0000293	10.8	23.8	0.121	0.00438	334	0.0257	0.0419	0.0000741	0.00129	0.000576	0.665	0.00000352	0.0025	0.00112	0.00248	0.00000847
2030 Apr	0.0444	0.0000294	10.8	23.9	0.122	0.00439	334	0.0257	0.0421	0.0000763	0.00129	0.000577	0.666	0.00000353	0.0025	0.00112	0.00249	0.00000847
2030 May	0.0459	0.0000303	11.1	24.6	0.126	0.00452	344	0.0265	0.0433	0.00008	0.00133	0.000595	0.687	0.00000363	0.00258	0.00116	0.00256	0.0000087
2030 Jun	0.0437	0.0000215	6.7	14.5	0.0781	0.00262	197	0.0155	0.0437	0.0000906	0.00086	0.000357	0.412	0.00000291	0.00149	0.000877	0.00237	0.00000477
2030 Jul	0.0426	0.0000181	4.94	10.5	0.0591	0.00185	139	0.0112	0.0434	0.0000966	0.000679	0.000264	0.301	0.00000259	0.00106	0.000771	0.00232	0.00000265
2030 Aug	0.0449	0.0000217	6.52	14.1	0.0765	0.00249	192	0.0151	0.0446	0.000103	0.000872	0.00035	0.398	0.00000286	0.00144	0.00091	0.00256	0.00000265
2030 Sep	0.0482	0.0000274	9.01	19.7	0.104	0.00352	274	0.0214	0.0465	0.00011	0.00118	0.000487	0.55	0.00000329	0.00205	0.00113	0.00295	0.00000266
2030 Oct	0.0465	0.0000329	11.9	26.3	0.134	0.00473	373	0.0286	0.0428	0.000103	0.00151	0.000644	0.724	0.00000348	0.00277	0.00133	0.00311	0.00000214
2030 Nov	0.0455	0.0000317	11.5	25.4	0.128	0.00462	359	0.0276	0.043	0.0000891	0.00143	0.00062	0.7	0.00000333	0.00268	0.00125	0.00289	0.00000166
2030 Dec	0.0456	0.0000311	11.2	24.8	0.125	0.00451	350	0.0269	0.0434	0.0000872	0.00139	0.000604	0.684	0.0000033	0.00261	0.00122	0.00284	0.00000161
2031 Jan	0.0462	0.0000309	11.1	24.6	0.125	0.00447	346	0.0266	0.0436	0.0000901	0.00138	0.000599	0.678	0.00000329	0.00258	0.00122	0.00283	0.0000016

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.047	0.0000308	11	24.5	0.125	0.00445	345	0.0265	0.0438	0.0000949	0.00137	0.000596	0.676	0.00000328	0.00257	0.00122	0.00282	0.00000159
2031 Mar	0.0475	0.0000307	11	24.4	0.126	0.00443	344	0.0264	0.0439	0.0000981	0.00137	0.000595	0.675	0.00000328	0.00256	0.00123	0.00282	0.00000158
2031 Apr	0.0484	0.000031	11.1	24.7	0.127	0.00447	346	0.0266	0.0444	0.000101	0.00138	0.0006	0.681	0.00000331	0.00258	0.00124	0.00284	0.00000159
2031 May	0.0538	0.0000332	12.2	27.1	0.144	0.00486	379	0.0291	0.0453	0.000159	0.00151	0.000659	0.748	0.00000345	0.00282	0.00139	0.003	0.00000149
2031 Jun	0.0851	0.0000184	5.68	12.6	0.114	0.0019	144	0.0118	0.0506	0.000585	0.000702	0.000317	0.376	0.00000249	0.00108	0.00126	0.00227	0.000000445
2031 Jul	0.0922	0.0000214	6.79	15	0.129	0.00232	178	0.0144	0.0551	0.000626	0.000842	0.000378	0.445	0.00000281	0.00133	0.00141	0.00256	0.000000472
2031 Aug	0.0866	0.0000356	13.4	30.2	0.193	0.00512	407	0.0314	0.0506	0.000547	0.00166	0.000742	0.845	0.00000364	0.00301	0.00186	0.00333	0.000000393
2031 Sep	0.0592	0.0000501	20.8	47	0.247	0.0084	671	0.0509	0.0362	0.000274	0.00254	0.00114	1.28	0.0000042	0.00495	0.00214	0.00377	0.000000163
2031 Oct	0.0458	0.0000435	17.8	40	0.199	0.00731	575	0.0435	0.036	0.000115	0.00214	0.000966	1.09	0.00000371	0.00425	0.0017	0.00315	4.38E-08
2031 Nov	0.0457	0.0000428	17.4	39.2	0.194	0.00717	563	0.0426	0.0367	0.000107	0.00209	0.000947	1.07	0.00000368	0.00416	0.00166	0.0031	3.86E-08
2031 Dec	0.0457	0.0000425	17.2	38.8	0.193	0.00711	557	0.0422	0.037	0.000107	0.00207	0.000937	1.06	0.00000366	0.00412	0.00165	0.00308	3.82E-08
2032 Jan	0.0459	0.0000424	17.2	38.7	0.192	0.00708	555	0.042	0.0371	0.000108	0.00206	0.000934	1.05	0.00000366	0.0041	0.00164	0.00308	0.000000038
2032 Feb	0.0463	0.0000423	17.1	38.6	0.192	0.00706	554	0.0419	0.0372	0.00011	0.00206	0.000932	1.05	0.00000365	0.0041	0.00164	0.00307	3.79E-08
2032 Mar	0.0465	0.0000423	17.1	38.6	0.192	0.00706	553	0.0419	0.0372	0.000111	0.00206	0.000931	1.05	0.00000365	0.00409	0.00164	0.00307	3.79E-08
2032 Apr	0.0469	0.0000424	17.2	38.7	0.193	0.00708	555	0.042	0.0374	0.000112	0.00206	0.000934	1.05	0.00000367	0.0041	0.00165	0.00308	0.000000038
2032 May	0.0479	0.0000436	17.7	39.8	0.199	0.00728	571	0.0432	0.0381	0.000116	0.00212	0.000961	1.08	0.00000376	0.00422	0.0017	0.00316	3.85E-08
2032 Jun	0.0432	0.0000301	11	24.6	0.126	0.00443	348	0.0267	0.0384	0.000109	0.00139	0.0006	0.675	0.000003	0.00258	0.00123	0.00275	1.87E-08
2032 Jul	0.0386	0.0000218	7.2	15.8	0.0836	0.00281	220	0.0171	0.0365	0.0000977	0.000945	0.00039	0.438	0.00000245	0.00164	0.000919	0.00234	9.94E-09
2032 Aug	0.0395	0.0000244	8.35	18.4	0.096	0.00329	258	0.02	0.0368	0.0000988	0.00108	0.000453	0.508	0.00000263	0.00192	0.00101	0.00249	9.54E-09
2032 Sep	0.0415	0.0000275	9.72	21.5	0.111	0.00386	304	0.0234	0.0381	0.0001	0.00124	0.000528	0.592	0.00000287	0.00226	0.00112	0.00268	9.1E-09
2032 Oct	0.0421	0.0000309	11.4	25.3	0.128	0.00455	359	0.0275	0.038	0.0000985	0.00143	0.000617	0.692	0.00000308	0.00266	0.00125	0.00284	8.22E-09
2032 Nov	0.0424	0.0000332	12.5	27.8	0.139	0.00505	396	0.0303	0.0382	0.0000903	0.00155	0.000677	0.761	0.0000032	0.00294	0.00131	0.00287	6.56E-09
2032 Dec	0.0427	0.0000321	12	26.8	0.133	0.0049	380	0.029	0.0398	0.0000778	0.00147	0.00065	0.734	0.00000313	0.00282	0.00123	0.0027	4.86E-09
2033 Jan	0.044	0.0000316	11.7	26.2	0.131	0.00478	370	0.0283	0.0404	0.0000838	0.00143	0.000634	0.718	0.0000031	0.00275	0.00122	0.00267	4.73E-09
2033 Feb	0.0455	0.0000313	11.7	26	0.132	0.00474	367	0.028	0.0407	0.000093	0.00142	0.000629	0.714	0.00000309	0.00272	0.00123	0.00265	4.68E-09
2033 Mar	0.0465	0.0000313	11.6	25.9	0.133	0.00472	365	0.028	0.041	0.0000984	0.00142	0.000628	0.714	0.00000309	0.00271	0.00124	0.00265	4.67E-09
2033 Apr	0.0476	0.0000316	11.7	26.2	0.135	0.00476	368	0.0282	0.0416	0.000103	0.00143	0.000633	0.72	0.00000312	0.00274	0.00126	0.00268	4.7E-09
2033 May	0.0677	0.0000298	11.1	24.8	0.151	0.00432	337	0.026	0.0447	0.000357	0.00135	0.000606	0.694	0.00000305	0.0025	0.00145	0.00269	3.1E-09
2033 Jun	0.078	0.0000201	6.87	15.3	0.123	0.00243	189	0.0151	0.0445	0.000542	0.000848	0.000382	0.446	0.00000242	0.00141	0.00129	0.00224	8.81E-10
2033 Jul	0.0795	0.0000214	7.33	16.4	0.128	0.00261	204	0.0162	0.046	0.000545	0.000907	0.000407	0.474	0.00000254	0.00152	0.00134	0.00237	8.78E-10
2033 Aug	0.0851	0.000026	9.24	20.7	0.151	0.00337	266	0.0209	0.0489	0.000577	0.00114	0.000513	0.592	0.00000292	0.00197	0.00155	0.00271	9.21E-10
2033 Sep	0.0586	0.0000383	15.2	34.3	0.187	0.00613	483	0.0368	0.0395	0.00027	0.00185	0.000833	0.943	0.00000347	0.00357	0.00167	0.00304	3.71E-10
2033 Oct	0.0446	0.0000324	12.4	27.8	0.139	0.00514	393	0.03	0.0404	0.000089	0.00147	0.000671	0.764	0.00000307	0.00292	0.00122	0.00246	7.38E-11
2033 Nov	0.0446	0.0000309	11.7	26.1	0.13	0.00484	367	0.028	0.0417	0.0000808	0.00137	0.000628	0.717	0.00000301	0.00273	0.00115	0.00236	6.29E-11
2033 Dec	0.0446	0.0000308	11.6	25.9	0.129	0.00482	365	0.0279	0.0418	0.0000805	0.00136	0.000625	0.714	0.000003	0.00272	0.00114	0.00236	6.25E-11
2034 Jan	0.0448	0.0000308	11.6	25.9	0.129	0.00481	364	0.0278	0.0419	0.0000812	0.00136	0.000624	0.713	0.000003	0.00271	0.00114	0.00235	6.23E-11
2034 Feb	0.045	0.0000307	11.6	25.9	0.129	0.0048	364	0.0278	0.0419	0.0000825	0.00136	0.000623	0.712	0.000003	0.00271	0.00114	0.00235	6.23E-11
2034 Mar	0.0452	0.0000307	11.6	25.9	0.129	0.0048	364	0.0278	0.0419	0.0000834	0.00136	0.000623	0.712	0.000003	0.00271	0.00114	0.00235	6.22E-11
2034 Apr	0.0456	0.000031	11.7	26	0.13	0.00483	366	0.028	0.0423	0.0000847	0.00136	0.000627	0.717	0.00000302	0.00273	0.00115	0.00237	6.27E-11
2034 May	0.0516	0.0000308	11.5	25.8	0.135	0.00473	359	0.0275	0.0442	0.000148	0.00135	0.000622	0.713	0.00000305	0.00267	0.00121	0.00242	5.95E-11
2034 Jun	0.0789	0.0000206	6.97	15.5	0.12	0.00255	191	0.0152	0.0485	0.000511	0.000816	0.000384	0.453	0.00000249	0.00143	0.00123	0.00212	2.79E-11
2034 Jul	0.0772	0.0000232	8.15	18.2	0.131	0.00304	232	0.0182	0.0475	0.000489	0.000966	0.000449	0.523	0.00000265	0.00173	0.0013	0.00227	2.62E-11
2034 Aug	0.0836	0.0000271	9.71	21.7	0.151	0.00366	281	0.022	0.0513	0.000524	0.00115	0.000534	0.62	0.000003	0.00209	0.00148	0.00257	2.79E-11
2034 Sep	0.0563	0.0000373	14.7	32.9	0.175	0.00596	464	0.0353	0.0423	0.000213	0.00175	0.000797	0.906	0.00000344	0.00343	0.00155	0.00287	9.3E-12
2034 Oct	0.0436	0.0000351	13.7	30.7	0.151	0.00569	437	0.0332	0.0401	0.0000702	0.00162	0.000739	0.84	0.00000324	0.00324	0.0013	0.00259	1.2E-12
2034 Nov	0.0439	0.0000347	13.4	30.1	0.147	0.00558	427	0.0325	0.0409	0.0000672	0.00158	0.000724	0.823	0.00000323	0.00317	0.00128	0.00257	1.06E-12
2034 Dec	0.044	0.0000345	13.3	29.9	0.147	0.00555	425	0.0323	0.0411	0.0000669	0.00157	0.00072	0.819	0.00000322	0.00315	0.00127	0.00256	1.05E-12
2035 Jan	0.0442	0.0000345	13.3	29.8	0.146	0.00553	424	0.0322	0.0411	0.0000679	0.00157	0.000718	0.817	0.00000322	0.00315	0.00127	0.00256	1.05E-12
2035 Feb	0.0444	0.0000344	13.3	29.8	0.147	0.00553	423	0.0322	0.0412	0.0000695	0.00157	0.000717	0.816	0.00000322	0.00314	0.00127	0.00255	1.05E-12
2035 Mar	0.0446	0.0000344	13.3	29.8	0.147	0.00552	423	0.0321	0.0413	0.0000706	0.00157	0.000717	0.816	0.00000322	0.00314	0.00127	0.00255	1.05E-12
2035 Apr	0.0451	0.0000346	13.4	30	0.148	0.00555	425	0.0323	0.0416	0.0000718	0.00157	0.000721	0.821	0.00000324	0.00316	0.00128	0.00257	1.05E-12
2035 May	0.0473	0.0000357	13.8	30.9	0.153	0.00572	437	0.0333	0.0429	0.0000841	0.00162	0.000744	0.847	0.00000334	0.00325	0.00133	0.00266	1.07E-12
2035 Jun	0.0566	0.0000182	5.54	12.1	0.0823	0.00205	153	0.0123	0.0439	0.000273	0.0007	0.000301	0.349	0.00000234	0.00116	0.000931	0.00211	3.49E-13
2035 Jul	0.0558	0.0000182	5.41	11.8	0.0793	0.00199	147	0.012	0.0445	0.000259	0.000694	0.000293	0.339	0.00000237	0.00113	0.00092	0.00217	3.16E-13
2035 Aug	0.0563	0.0000235	7.83	17.3	0.105	0.003	218	0.0181	0.0441	0.000251	0.000988	0.000427	0.487	0.00000271	0.00173	0.00111	0.00247	2.97E-13
2035 Sep	0.0435	0.0000366	14.3	32	0.158	0.0059	401	0.0347	0.0389	0.0000767	0.0017	0.000774	0.876	0.00000335	0.00339	0.00136	0.00274	3.56E-14
2035 Oct	0.0419	0.000043	17.5	39.4	0.191	0.00725	497	0.0429	0.0359	0.0000645	0.0021	0.00095	1.07	0.00000366	0.0042	0.00162	0.00306	7.83E-15
2035 Nov	0.0414	0.0000398	16	35.9	0.174	0.00663	452	0.0391	0.0369	0.0000583	0.00191	0.000866	0.978	0.00000347	0.00382	0.00148	0.00286	4.71E-15
2035 Dec	0.0417	0.0000386	15.4	34.6	0.168	0.00639	434	0.0376	0.0378	0.0000568	0.00183	0.000833	0.943	0.00000342	0.00367	0.00143	0.00279	4.51E-15
2036 Jan	0.0422	0.0000384	15.3	34.3	0.167	0.00634	430	0.0373	0.038	0.0000596	0.00182	0.000826	0.935	0.0000034	0.00364	0.00143	0.00278	4.46E-15
2036 Feb	0.0429	0.0000382	15.2	34.2	0.167	0.00631	428	0.0371	0.0381	0.0000639	0.00181	0.000823	0.932	0.0000034	0.00362	0.00143	0.00277	4.44E-15
2036 Mar	0.0434	0.0000381	15.2	34.1	0.167	0.00629	427	0.037	0.0382	0.0000667	0.0018	0.000821	0.93	0.00000339	0.00361	0.00143	0.00277	4.43E-15
2036 Apr	0.0442	0.0000386	15.4	34.6	0.17	0.00638	432	0.0375	0.0386	0.0000695	0.00183	0.000832	0.944	0.00000343	0.00366	0.00145	0.0028	4.45E-15
2036 May	0.0462	0.0000407	16.2	36.5	0.18	0.00673	455	0.0396	0.0401	0.0000747	0.00193	0.000879	0.996	0.0000036	0.00387	0.00154	0.00295	4.6E-15
2036 Jun	0.043	0.0000274	9.69	21.5	0.111	0.00387	255	0.0232	0.0396	0.000101	0.00122	0.000524	0.592	0.00000286	0.00225	0.00112	0.00261	1.98E-15
2036 Jul	0.0428	0.0000244	8.13	17.9	0.0939	0.00319	207	0.0193	0.0406	0.000103	0.00106	0.00044	0.495	0.00000273	0.00186	0.00102	0.00257	1.3E-15
2036 Aug	0.0462	0.0000287	9.89	21.8	0.113	0.00391	251	0.0237	0.0429	0.000112	0.00128	0.000537	0.602	0.00000308	0.00228	0.00118	0.00289	1.35E-15
2036 Sep	0.0439	0.000045	18	40.6	0.201	0.00731	460	0.0444	0.0345	0.000109	0.00226	0.000986	1.1	0.00000389	0.00433	0.00181	0.00364	9.12E-16
2036 Oct	0.0421	0.0000454	18.5	41.8	0.204	0.0076	467	0.0457	0.0339	0.0000834	0.00227	0.00101	1.13	0.00000383	0.00446	0.00177	0.0034	4.13E-16
2036 Nov	0.042	0.0000437	17.7	39.9	0.195	0.00728	444	0.0436	0.035	0.0000774	0.00216	0.000964	1.08	0.00000373	0.00425	0.00168	0.00326	3.38E-16
2036 Dec	0.0422	0.0000416	16.7	37.6	0.184	0.00689	418	0.041	0.0362	0.0000732	0.00203	0.000909	1.02	0.00000362	0.00401	0.00159	0.00312	3.04E-16
2037 Jan	0.0428	0.0000413	16.6	37.3	0.183	0.00682	414	0.0406	0.0365	0.000076	0.00201	0.0009	1.01	0.0000036	0.00396	0.00159	0.0031	3.01E-16
2037 Feb	0.0435	0.0000412	16.5	37.1	0.183	0.00679	412	0.0404	0.0366	0.0000803	0.002	0.000896	1.01	0.0000036	0.00395	0.00159	0.00309	3E-16
2037 Mar	0.044	0.0000411	16.5	37.1	0.183	0.00678	411	0.0404	0.0368	0.000083	0.002	0.000896	1.01	0.0000036	0.00394	0.00159	0.00309	2.99E-16
2037 Apr	0.0445	0.0000413	16.6	37.2	0.184	0.0068	413	0.0405	0.0371	0.0000852	0.00201	0.000899	1.01	0.00000361	0.00395	0.0016	0.00311	3E-16
2037 May	0.0606	0.0000347	13.5	30.4	0.17	0.0054	327	0.0323	0.0418	0.000279	0.00163	0.000737	0.839	0.00000328	0.00313	0.00155	0.00285	2.35E-16
2037 Jun	0.0755	0.0000231	8.31	18.6	0.134	0.00308	181	0.0187	0.044	0.000502	0.00101	0.000459	0.533	0.00000257	0.00178	0.00135	0.00231	1.08E-16

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0781	0.0000252	9.14	20.5	0.144	0.00341	200	0.0208	0.0458	0.000513	0.00111	0.000505	0.583	0.00000276	0.00197	0.00144	0.00249	1.09E-16
2037 Aug	0.0818	0.0000274	10	22.5	0.156	0.00376	219	0.0229	0.0479	0.000535	0.00122	0.000554	0.639	0.00000296	0.00218	0.00154	0.00267	1.14E-16
2037 Sep	0.0834	0.000029	10.7	24	0.163	0.00403	234	0.0246	0.0489	0.000541	0.0013	0.00059	0.68	0.00000309	0.00234	0.00161	0.00278	1.15E-16
2037 Oct	0.0795	0.0000291	10.8	24.2	0.161	0.00411	236	0.0249	0.0475	0.000502	0.00131	0.000595	0.684	0.00000306	0.00238	0.00157	0.00274	1.06E-16
2037 Nov	0.0789	0.000029	10.8	24.1	0.159	0.0041	235	0.0248	0.0476	0.000493	0.0013	0.000592	0.681	0.00000306	0.00238	0.00156	0.00272	1.04E-16
2037 Dec	0.0788	0.000029	10.8	24.1	0.159	0.0041	235	0.0248	0.0476	0.000492	0.0013	0.000592	0.681	0.00000306	0.00237	0.00155	0.00272	1.03E-16
2038 Jan	0.0789	0.000029	10.7	24.1	0.159	0.00409	235	0.0248	0.0476	0.000492	0.0013	0.000592	0.68	0.00000306	0.00237	0.00155	0.00272	1.03E-16
2038 Feb	0.0789	0.000029	10.7	24.1	0.159	0.00409	235	0.0248	0.0476	0.000492	0.0013	0.000591	0.68	0.00000306	0.00237	0.00155	0.00272	1.03E-16
2038 Mar	0.079	0.000029	10.7	24.1	0.159	0.00409	235	0.0248	0.0477	0.000492	0.0013	0.000591	0.68	0.00000306	0.00237	0.00155	0.00272	1.03E-16
2038 Apr	0.0793	0.0000291	10.8	24.2	0.16	0.0041	236	0.0249	0.0479	0.000494	0.00131	0.000593	0.683	0.00000307	0.00238	0.00156	0.00273	1.04E-16
2038 May	0.0829	0.0000285	10.4	23.4	0.16	0.00394	226	0.0239	0.0493	0.000531	0.00126	0.000575	0.664	0.00000305	0.00228	0.00157	0.00272	9.9E-17
2038 Jun	0.0887	0.0000215	7.37	16.5	0.136	0.0026	147	0.016	0.0495	0.000631	0.000887	0.000411	0.483	0.00000259	0.00149	0.00141	0.00233	6.22E-17
2038 Jul	0.0955	0.0000234	8.04	18	0.148	0.00284	160	0.0175	0.0534	0.000678	0.000969	0.000448	0.526	0.00000281	0.00163	0.00153	0.00253	6.68E-17
2038 Aug	0.102	0.0000254	8.81	19.7	0.16	0.00313	176	0.0192	0.0568	0.000721	0.00106	0.00049	0.575	0.00000303	0.0018	0.00165	0.00273	7.1E-17
2038 Sep	0.101	0.000026	9.08	20.3	0.162	0.00325	181	0.0199	0.0565	0.000711	0.00109	0.000505	0.591	0.00000306	0.00187	0.00166	0.00275	6.98E-17
2038 Oct	0.0982	0.0000259	9.05	20.3	0.159	0.00326	180	0.0199	0.0556	0.000683	0.00109	0.000503	0.588	0.00000303	0.00187	0.00162	0.00271	6.7E-17
2038 Nov	0.0982	0.000026	9.09	20.4	0.159	0.00328	181	0.02	0.0557	0.000682	0.00109	0.000505	0.59	0.00000304	0.00189	0.00162	0.00272	6.68E-17
2038 Dec	0.0981	0.000026	9.1	20.4	0.159	0.00328	181	0.02	0.0557	0.000681	0.00109	0.000505	0.59	0.00000304	0.00189	0.00162	0.00272	6.67E-17
2039 Jan	0.0981	0.000026	9.1	20.4	0.159	0.00328	181	0.02	0.0557	0.000681	0.00109	0.000505	0.59	0.00000304	0.00189	0.00162	0.00272	6.67E-17
2039 Feb	0.0981	0.000026	9.1	20.4	0.159	0.00328	181	0.02	0.0557	0.000681	0.00109	0.000505	0.59	0.00000304	0.00189	0.00162	0.00271	6.67E-17
2039 Mar	0.0983	0.000026	9.1	20.4	0.159	0.00328	181	0.02	0.0558	0.000682	0.0011	0.000505	0.591	0.00000304	0.00189	0.00163	0.00272	6.67E-17
2039 Apr	0.0986	0.0000261	9.13	20.5	0.16	0.00329	182	0.0201	0.056	0.000684	0.0011	0.000507	0.593	0.00000305	0.00189	0.00163	0.00273	6.69E-17
2039 May	0.1	0.0000266	9.3	20.8	0.163	0.00335	185	0.0205	0.057	0.000697	0.00112	0.000516	0.604	0.00000311	0.00193	0.00166	0.00278	6.81E-17
2039 Jun	0.0815	0.0000237	8	17.8	0.132	0.0029	153	0.0178	0.0504	0.000523	0.000993	0.000442	0.513	0.00000282	0.00168	0.0014	0.0026	4.86E-17
2039 Jul	0.0718	0.0000212	6.9	15.3	0.112	0.00249	129	0.0153	0.047	0.000434	0.000867	0.00038	0.44	0.0000026	0.00144	0.0012	0.0024	3.88E-17
2039 Aug	0.0717	0.0000216	6.96	15.4	0.111	0.00252	129	0.0155	0.0478	0.00042	0.00087	0.000383	0.443	0.00000266	0.00145	0.00118	0.00241	3.69E-17
2039 Sep	0.073	0.0000223	7.24	16	0.114	0.00263	134	0.0161	0.0487	0.000427	0.000905	0.000399	0.46	0.00000273	0.00152	0.00122	0.00247	3.75E-17
2039 Oct	0.0725	0.0000224	7.3	16.1	0.115	0.00266	135	0.0163	0.0483	0.000422	0.000911	0.000402	0.464	0.00000273	0.00154	0.00121	0.00247	3.7E-17
2039 Nov	0.0726	0.0000225	7.34	16.2	0.115	0.00267	136	0.0164	0.0485	0.000423	0.000916	0.000404	0.466	0.00000274	0.00155	0.00122	0.00247	3.7E-17
2039 Dec	0.0726	0.0000225	7.34	16.2	0.115	0.00267	136	0.0164	0.0485	0.000423	0.000916	0.000404	0.466	0.00000274	0.00155	0.00122	0.00248	3.7E-17
2040 Jan	0.0727	0.0000225	7.34	16.2	0.115	0.00267	136	0.0164	0.0485	0.000423	0.000916	0.000404	0.466	0.00000274	0.00155	0.00122	0.00248	3.7E-17
2040 Feb	0.0727	0.0000225	7.34	16.2	0.115	0.00267	136	0.0164	0.0485	0.000423	0.000916	0.000404	0.466	0.00000274	0.00155	0.00122	0.00248	3.7E-17
2040 Mar	0.0727	0.0000226	7.35	16.2	0.115	0.00268	136	0.0164	0.0486	0.000423	0.000917	0.000404	0.467	0.00000274	0.00155	0.00122	0.00248	3.7E-17
2040 Apr	0.073	0.0000226	7.37	16.3	0.116	0.00269	136	0.0165	0.0487	0.000425	0.00092	0.000406	0.468	0.00000275	0.00155	0.00122	0.00249	3.71E-17
2040 May	0.0744	0.0000229	7.46	16.5	0.117	0.00271	138	0.0167	0.0495	0.000435	0.000931	0.000411	0.474	0.00000279	0.00157	0.00124	0.00252	3.74E-17
2040 Jun	0.0739	0.0000203	6.42	14.1	0.108	0.00227	115	0.014	0.048	0.000453	0.000802	0.000354	0.412	0.00000257	0.00131	0.00117	0.00233	3.09E-17
2040 Jul	0.0758	0.0000211	6.7	14.8	0.112	0.00238	120	0.0147	0.0493	0.000463	0.000838	0.00037	0.43	0.00000266	0.00138	0.00121	0.00242	3.15E-17
2040 Aug	0.0782	0.0000221	7.08	15.6	0.117	0.00253	126	0.0156	0.0508	0.000477	0.000886	0.000391	0.453	0.00000276	0.00146	0.00126	0.00252	3.24E-17
2040 Sep	0.0784	0.0000226	7.29	16.1	0.12	0.00261	129	0.0161	0.051	0.000477	0.000911	0.000402	0.466	0.0000028	0.00151	0.00128	0.00255	3.23E-17
2040 Oct	0.0788	0.0000229	7.39	16.3	0.121	0.00265	131	0.0163	0.0512	0.000478	0.000922	0.000408	0.472	0.00000282	0.00153	0.00129	0.00257	3.24E-17
2040 Nov	0.079	0.000023	7.43	16.4	0.121	0.00267	131	0.0164	0.0514	0.000479	0.000928	0.00041	0.475	0.00000283	0.00154	0.0013	0.00258	3.25E-17
2040 Dec	0.079	0.000023	7.43	16.4	0.121	0.00267	131	0.0164	0.0514	0.000479	0.000928	0.00041	0.475	0.00000283	0.00155	0.0013	0.00258	3.25E-17
2041 Jan	0.079	0.000023	7.44	16.4	0.121	0.00267	131	0.0165	0.0514	0.000479	0.000928	0.00041	0.475	0.00000284	0.00155	0.0013	0.00258	3.25E-17
2041 Feb	0.079	0.000023	7.44	16.4	0.121	0.00267	131	0.0165	0.0514	0.000479	0.000929	0.00041	0.475	0.00000284	0.00155	0.0013	0.00258	3.25E-17
2041 Mar	0.0791	0.000023	7.44	16.4	0.121	0.00267	131	0.0165	0.0514	0.00048	0.000929	0.000411	0.475	0.00000284	0.00155	0.0013	0.00258	3.25E-17
2041 Apr	0.0793	0.0000231	7.46	16.5	0.122	0.00268	132	0.0165	0.0515	0.000481	0.000931	0.000412	0.477	0.00000284	0.00155	0.0013	0.00259	3.26E-17
2041 May	0.08	0.0000235	7.65	16.9	0.124	0.00276	135	0.017	0.052	0.000485	0.000955	0.000422	0.489	0.00000289	0.0016	0.00132	0.00263	3.28E-17
2041 Jun	0.0739	0.0000219	7.1	15.4	0.113	0.00255	120	0.0154	0.0495	0.000433	0.000885	0.000397	0.446	0.00000279	0.00145	0.00122	0.00252	0.0000125
2041 Jul	0.0686	0.0000204	6.68	14.2	0.105	0.00239	109	0.014	0.0468	0.000393	0.00082	0.000383	0.409	0.0000027	0.00132	0.00113	0.0024	0.0000309
2041 Aug	0.0716	0.0000214	7.44	15.2	0.115	0.00267	114	0.0148	0.0485	0.000407	0.00088	0.000444	0.44	0.00000298	0.00141	0.00118	0.00254	0.0000678
2041 Sep	0.072	0.0000219	8.43	16.2	0.125	0.00304	116	0.0151	0.0482	0.000405	0.000929	0.000537	0.465	0.00000332	0.00147	0.0012	0.00261	0.000145
2041 Oct	0.0716	0.000022	8.66	16.4	0.127	0.00312	117	0.0153	0.0479	0.000401	0.000941	0.000557	0.472	0.00000338	0.00149	0.0012	0.00262	0.00016
2041 Nov	0.0718	0.0000221	8.72	16.5	0.128	0.00315	117	0.0154	0.048	0.000402	0.000948	0.000562	0.475	0.0000034	0.0015	0.00121	0.00263	0.000162
2041 Dec	0.0718	0.0000221	8.73	16.5	0.128	0.00315	117	0.0154	0.048	0.000402	0.000949	0.000563	0.476	0.00000341	0.0015	0.00121	0.00263	0.000162
2042 Jan	0.0718	0.0000221	8.74	16.5	0.128	0.00315	117	0.0154	0.048	0.000402	0.000949	0.000563	0.476	0.00000341	0.0015	0.00121	0.00263	0.000162
2042 Feb	0.0718	0.0000221	8.74	16.5	0.128	0.00315	117	0.0154	0.048	0.000402	0.000949	0.000563	0.476	0.00000341	0.0015	0.00121	0.00263	0.000162
2042 Mar	0.0718	0.0000221	8.74	16.6	0.128	0.00316	117	0.0154	0.048	0.000403	0.000949	0.000563	0.476	0.00000341	0.00151	0.00121	0.00263	0.000162
2042 Apr	0.0722	0.0000222	8.79	16.6	0.129	0.00317	118	0.0155	0.0483	0.000405	0.000954	0.000566	0.479	0.00000343	0.00151	0.00121	0.00265	0.000163
2042 May	0.0736	0.0000227	8.97	17	0.132	0.00324	120	0.0158	0.0492	0.000412	0.000974	0.000578	0.489	0.00000349	0.00155	0.00124	0.0027	0.000166
2042 Jun	0.0701	0.0000215	8.68	16	0.126	0.00312	111	0.0146	0.0476	0.000384	0.000923	0.000572	0.46	0.00000347	0.00144	0.00117	0.00262	0.000186
2042 Jul	0.068	0.0000209	8.7	15.6	0.125	0.00313	106	0.0141	0.0464	0.000367	0.000907	0.000584	0.45	0.0000035	0.0014	0.00113	0.00259	0.000208
2042 Aug	0.0664	0.0000208	9.36	16	0.13	0.00338	104	0.014	0.045	0.000351	0.000924	0.000652	0.461	0.00000373	0.00141	0.00111	0.00258	0.000271
2042 Sep	0.0654	0.0000207	10.2	16.6	0.138	0.00368	103	0.014	0.0439	0.00034	0.000949	0.000734	0.475	0.00000402	0.00143	0.0011	0.0026	0.000347
2042 Oct	0.0647	0.0000207	10.3	16.6	0.138	0.00372	103	0.014	0.0434	0.000334	0.000951	0.000745	0.477	0.00000404	0.00144	0.00109	0.00258	0.000356
2042 Nov	0.0648	0.0000208	10.3	16.7	0.139	0.00374	103	0.0141	0.0435	0.000335	0.000957	0.000749	0.48	0.00000406	0.00145	0.0011	0.00259	0.000359
2042 Dec	0.0649	0.0000208	10.3	16.7	0.139	0.00375	103	0.0141	0.0435	0.000335	0.000957	0.00075	0.48	0.00000406	0.00145	0.0011	0.00259	0.000359
2043 Jan	0.0649	0.0000208	10.3	16.7	0.139	0.00375	103	0.0141	0.0435	0.000335	0.000957	0.00075	0.48	0.00000406	0.00145	0.0011	0.00259	0.000359
2043 Feb	0.0649	0.0000208	10.3	16.7	0.139	0.00375	103	0.0141	0.0435	0.000335	0.000958	0.00075	0.48	0.00000406	0.00145	0.0011	0.00259	0.000359
2043 Mar	0.0649	0.0000208	10.3	16.8	0.139	0.00375	103	0.0141	0.0435	0.000335	0.000958	0.00075	0.48	0.00000406	0.00145	0.0011	0.0026	0.000359
2043 Apr	0.0652	0.0000209	10.4	16.8	0.14	0.00377	104	0.0141	0.0437	0.000336	0.000962	0.000753	0.482	0.00000408	0.00146	0.0011	0.00261	0.000361
2043 May	0.0664	0.0000212	10.6	17.1	0.143	0.00383	105	0.0144	0.0445	0.000343	0.000978	0.000767	0.491	0.00000415	0.00148	0.00112	0.00265	0.000368
2043 Jun	0.066	0.0000201	10.2	16.2	0.14	0.00368	97	0.0133	0.0435	0.00035	0.000926	0.000753	0.466	0.00000408	0.00137	0.00109	0.00256	0.000376
2043 Jul	0.0686	0.000021	10.8	17	0.147	0.00389	101	0.0139	0.0451	0.000363	0.000972	0.000798	0.49	0.0000043	0.00144	0.00114	0.00268	0.000404
2043 Aug	0.071	0.0000218	12	18.2	0.161	0.00433	104	0.0144	0.0461	0.000371	0.00104	0.000909	0.524	0.00000476	0.00152	0.00118	0.00282	0.000491
2043 Sep	0.0711	0.0000221	12.6	18.8	0.167	0.00455	106	0.0147	0.0459	0.00037	0.00107	0.000963	0.54	0.00000495	0.00157	0.00119	0.00286	0.000533
2043 Oct	0.0706	0.0000221	12.7	19	0.168	0.0046	105	0.0148	0.0456	0.000364	0.00108	0.000973	0.544	0.00000497	0.00158	0.00119	0.00285	0.000541
2043 Nov	0.0701	0.000022	12.7	18.9	0.167	0.0046	104	0.0147	0.0454	0.00036	0.00107	0.000973	0.542	0.00000497	0.00157	0.00118	0.00284	0.000542

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0701	0.0000221	12.7	18.9	0.167	0.0046	104	0.0147	0.0454	0.00036	0.00107	0.000973	0.542	0.00000497	0.00157	0.00118	0.00284	0.000543
2044 Jan	0.0701	0.0000221	12.7	18.9	0.167	0.0046	104	0.0147	0.0454	0.00036	0.00107	0.000973	0.542	0.00000497	0.00157	0.00118	0.00284	0.000543
2044 Feb	0.0701	0.0000221	12.7	18.9	0.167	0.00461	104	0.0147	0.0454	0.00036	0.00107	0.000974	0.542	0.00000497	0.00157	0.00118	0.00284	0.000543
2044 Mar	0.0702	0.0000221	12.7	18.9	0.167	0.00461	105	0.0147	0.0454	0.00036	0.00107	0.000975	0.543	0.00000498	0.00158	0.00118	0.00284	0.000544
2044 Apr	0.0703	0.0000221	12.7	19	0.168	0.00462	105	0.0148	0.0455	0.000361	0.00107	0.000977	0.544	0.00000499	0.00158	0.00118	0.00284	0.000545
2044 May	0.0713	0.0000224	12.9	19.2	0.17	0.00468	106	0.015	0.0461	0.000366	0.00109	0.00099	0.551	0.00000505	0.0016	0.0012	0.00288	0.000552
2044 Jun	0.0667	0.0000208	12.2	17.8	0.159	0.0044	96.3	0.0136	0.0437	0.000336	0.00101	0.000941	0.511	0.00000483	0.00147	0.00111	0.00274	0.000538
2044 Jul	0.0679	0.0000213	12.5	18.2	0.163	0.00453	97.6	0.0139	0.0446	0.00034	0.00104	0.000972	0.523	0.00000498	0.0015	0.00113	0.0028	0.00056
2044 Aug	0.0713	0.0000226	13.8	19.7	0.178	0.00499	103	0.0148	0.0464	0.000355	0.00112	0.00108	0.564	0.00000544	0.00161	0.0012	0.00298	0.000636
2044 Sep	0.0697	0.0000225	14	20	0.179	0.00509	102	0.0149	0.0451	0.000343	0.00113	0.0011	0.571	0.00000547	0.00163	0.00119	0.00296	0.000652
2044 Oct	0.069	0.0000226	14.1	20.1	0.18	0.00511	102	0.0151	0.0447	0.000338	0.00114	0.0011	0.574	0.00000546	0.00165	0.00119	0.00295	0.000652
2044 Nov	0.069	0.0000226	14.1	20.1	0.18	0.00512	102	0.0152	0.0447	0.000338	0.00114	0.0011	0.575	0.00000546	0.00166	0.00119	0.00295	0.000652
2044 Dec	0.069	0.0000226	14.1	20.1	0.18	0.00512	102	0.0152	0.0447	0.000338	0.00114	0.0011	0.575	0.00000547	0.00166	0.00119	0.00295	0.000652
2045 Jan	0.069	0.0000227	14.1	20.1	0.18	0.00512	102	0.0152	0.0447	0.000338	0.00114	0.0011	0.576	0.00000547	0.00166	0.00119	0.00295	0.000652
2045 Feb	0.069	0.0000227	14.1	20.2	0.18	0.00512	102	0.0152	0.0447	0.000338	0.00114	0.0011	0.576	0.00000547	0.00166	0.00119	0.00295	0.000652
2045 Mar	0.0691	0.0000227	14.1	20.2	0.18	0.00513	102	0.0152	0.0447	0.000338	0.00114	0.00111	0.576	0.00000547	0.00166	0.00119	0.00295	0.000653
2045 Apr	0.0692	0.0000227	14.1	20.2	0.18	0.00514	102	0.0152	0.0448	0.000339	0.00114	0.00111	0.577	0.00000548	0.00166	0.00119	0.00296	0.000654
2045 May	0.0701	0.000023	14.3	20.5	0.183	0.0052	104	0.0154	0.0454	0.000343	0.00116	0.00112	0.584	0.00000555	0.00168	0.00121	0.00299	0.000662
2045 Jun	0.0671	0.0000228	14	20.3	0.177	0.00509	100	0.0155	0.0438	0.000323	0.00115	0.00109	0.577	0.00000536	0.00169	0.00118	0.00294	0.00063
2045 Jul	0.0674	0.0000232	14.1	20.6	0.179	0.00517	101	0.0159	0.0443	0.000322	0.00117	0.0011	0.586	0.00000543	0.00172	0.0012	0.00299	0.000635
2045 Aug	0.0696	0.0000242	14.8	21.5	0.187	0.00541	105	0.0166	0.0456	0.000331	0.00122	0.00115	0.613	0.00000565	0.0018	0.00124	0.0031	0.000664
2045 Sep	0.0694	0.0000246	15.2	22.1	0.191	0.00556	106	0.0172	0.0453	0.000329	0.00125	0.00118	0.629	0.00000574	0.00186	0.00126	0.00313	0.000681
2045 Oct	0.0696	0.0000249	15.4	22.5	0.193	0.00565	108	0.0175	0.0453	0.000329	0.00128	0.0012	0.639	0.0000058	0.0019	0.00127	0.00316	0.000688
2045 Nov	0.0697	0.000025	15.5	22.6	0.194	0.00567	108	0.0176	0.0454	0.000329	0.00128	0.0012	0.642	0.00000581	0.00191	0.00128	0.00317	0.00069
2045 Dec	0.0697	0.0000251	15.5	22.6	0.194	0.00568	108	0.0176	0.0454	0.000329	0.00128	0.0012	0.642	0.00000581	0.00191	0.00128	0.00317	0.000691
2046 Jan	0.0697	0.0000251	15.5	22.6	0.194	0.00568	108	0.0176	0.0454	0.000329	0.00128	0.0012	0.643	0.00000582	0.00191	0.00128	0.00317	0.000691
2046 Feb	0.0697	0.0000251	15.5	22.6	0.194	0.00568	108	0.0176	0.0454	0.000329	0.00128	0.0012	0.643	0.00000582	0.00191	0.00128	0.00317	0.000691
2046 Mar	0.0698	0.0000251	15.5	22.7	0.194	0.00569	108	0.0176	0.0454	0.00033	0.00128	0.0012	0.643	0.00000582	0.00191	0.00128	0.00317	0.000692
2046 Apr	0.0701	0.0000252	15.6	22.8	0.195	0.00571	109	0.0177	0.0456	0.000331	0.00129	0.00121	0.646	0.00000585	0.00192	0.00128	0.00319	0.000694
2046 May	0.0711	0.0000256	15.8	23.1	0.198	0.00579	110	0.018	0.0462	0.000336	0.00131	0.00122	0.655	0.00000592	0.00195	0.0013	0.00323	0.000704
2046 Jun	0.0664	0.0000243	14.8	21.7	0.184	0.00542	102	0.0171	0.044	0.000307	0.00124	0.00114	0.616	0.00000555	0.00185	0.00123	0.00308	0.000648
2046 Jul	0.0634	0.0000235	14.1	20.9	0.176	0.00519	96.3	0.0165	0.0424	0.000289	0.00119	0.00109	0.591	0.00000533	0.00178	0.00118	0.00298	0.000619
2046 Aug	0.0652	0.0000247	14.9	22.1	0.185	0.00549	101	0.0176	0.0434	0.000295	0.00126	0.00115	0.626	0.00000557	0.00189	0.00124	0.0031	0.000649
2046 Sep	0.0638	0.000025	15.1	22.6	0.186	0.00557	101	0.0181	0.0424	0.000287	0.00128	0.00115	0.637	0.00000554	0.00195	0.00124	0.00309	0.000644
2046 Oct	0.0627	0.000025	15.1	22.7	0.185	0.00558	101	0.0184	0.0416	0.000281	0.00129	0.00115	0.641	0.00000548	0.00197	0.00124	0.00307	0.000635
2046 Nov	0.0627	0.0000251	15.1	22.9	0.186	0.0056	101	0.0186	0.0416	0.00028	0.0013	0.00115	0.644	0.00000548	0.00199	0.00124	0.00307	0.000633
2046 Dec	0.0627	0.0000252	15.1	22.9	0.186	0.0056	101	0.0186	0.0416	0.00028	0.0013	0.00115	0.645	0.00000549	0.00199	0.00124	0.00307	0.000634
2047 Jan	0.0627	0.0000252	15.1	22.9	0.186	0.00561	101	0.0186	0.0416	0.00028	0.0013	0.00115	0.645	0.00000549	0.00199	0.00124	0.00307	0.000633
2047 Feb	0.0627	0.0000252	15.1	22.9	0.186	0.00561	101	0.0186	0.0416	0.00028	0.0013	0.00115	0.645	0.00000549	0.00199	0.00124	0.00307	0.000634
2047 Mar	0.0628	0.0000252	15.2	22.9	0.186	0.00562	101	0.0186	0.0417	0.00028	0.0013	0.00115	0.646	0.0000055	0.002	0.00124	0.00308	0.000635
2047 Apr	0.0629	0.0000253	15.2	23	0.187	0.00563	101	0.0187	0.0418	0.000281	0.0013	0.00116	0.648	0.00000551	0.002	0.00125	0.00308	0.000636
2047 May	0.0637	0.0000254	15.3	23.1	0.188	0.00565	102	0.0188	0.0421	0.000287	0.00131	0.00116	0.652	0.00000552	0.00201	0.00126	0.0031	0.000636
2047 Jun	0.0641	0.0000245	14.5	22.2	0.182	0.00533	95.3	0.0181	0.0412	0.00031	0.00125	0.00109	0.626	0.00000522	0.00193	0.00124	0.00297	0.000587
2047 Jul	0.0669	0.0000258	15.2	23.4	0.191	0.00563	100	0.0192	0.0429	0.000324	0.00132	0.00115	0.661	0.00000547	0.00204	0.00131	0.00312	0.000616
2047 Aug	0.0692	0.0000275	16.3	25.2	0.203	0.00603	106	0.0209	0.0441	0.000334	0.00142	0.00122	0.711	0.00000576	0.00221	0.00138	0.00328	0.000649
2047 Sep	0.0683	0.0000282	16.6	26.1	0.207	0.00619	107	0.0219	0.0432	0.000328	0.00147	0.00124	0.733	0.00000577	0.00231	0.00141	0.0033	0.000647
2047 Oct	0.0672	0.0000282	16.5	26.1	0.205	0.00616	107	0.022	0.0425	0.000322	0.00147	0.00123	0.733	0.00000569	0.00232	0.0014	0.00326	0.000635
2047 Nov	0.067	0.0000282	16.5	26.1	0.205	0.00616	106	0.0221	0.0424	0.00032	0.00147	0.00123	0.733	0.00000568	0.00233	0.0014	0.00326	0.000631
2047 Dec	0.067	0.0000282	16.5	26.1	0.205	0.00616	107	0.0221	0.0424	0.00032	0.00147	0.00123	0.734	0.00000568	0.00233	0.0014	0.00326	0.000631
2048 Jan	0.067	0.0000282	16.5	26.1	0.205	0.00617	107	0.0221	0.0424	0.00032	0.00147	0.00123	0.734	0.00000568	0.00233	0.0014	0.00326	0.000631
2048 Feb	0.067	0.0000282	16.6	26.2	0.205	0.00617	107	0.0221	0.0424	0.00032	0.00147	0.00123	0.734	0.00000568	0.00233	0.0014	0.00326	0.000631
2048 Mar	0.067	0.0000282	16.6	26.2	0.205	0.00617	107	0.0221	0.0424	0.00032	0.00147	0.00123	0.734	0.00000568	0.00233	0.0014	0.00326	0.000632
2048 Apr	0.0672	0.0000283	16.6	26.2	0.206	0.00619	107	0.0222	0.0425	0.000321	0.00147	0.00123	0.737	0.0000057	0.00234	0.0014	0.00327	0.000634
2048 May	0.0682	0.0000287	16.8	26.6	0.209	0.00628	108	0.0225	0.0431	0.000326	0.0015	0.00125	0.747	0.00000578	0.00237	0.00142	0.00332	0.000642
2048 Jun	0.0642	0.0000271	15.6	24.8	0.193	0.00582	99.9	0.021	0.0414	0.000301	0.0014	0.00116	0.695	0.00000541	0.00221	0.00134	0.00315	0.000589
2048 Jul	0.0621	0.0000264	15.1	24	0.186	0.00561	95.6	0.0205	0.0407	0.000287	0.00136	0.00111	0.673	0.00000523	0.00215	0.0013	0.00309	0.000561
2048 Aug	0.0627	0.0000277	15.8	25.3	0.193	0.00589	98.8	0.0218	0.0408	0.000288	0.00143	0.00116	0.709	0.00000537	0.00229	0.00135	0.00318	0.000574
2048 Sep	0.0621	0.0000282	16	26	0.196	0.006	99.8	0.0226	0.0402	0.000284	0.00147	0.00117	0.727	0.00000538	0.00236	0.00137	0.00319	0.000571
2048 Oct	0.0614	0.0000283	16	26.1	0.195	0.006	99.4	0.0227	0.0398	0.00028	0.00147	0.00116	0.728	0.00000534	0.00238	0.00136	0.00318	0.000565
2048 Nov	0.0614	0.0000283	16	26.1	0.196	0.00601	99.5	0.0228	0.0398	0.00028	0.00147	0.00117	0.73	0.00000534	0.00239	0.00137	0.00318	0.000564
2048 Dec	0.0614	0.0000283	16	26.1	0.196	0.00601	99.6	0.0229	0.0398	0.00028	0.00147	0.00117	0.73	0.00000534	0.00239	0.00137	0.00318	0.000564
2049 Jan	0.0615	0.0000283	16	26.1	0.196	0.00602	99.6	0.0229	0.0398	0.00028	0.00147	0.00117	0.73	0.00000534	0.00239	0.00137	0.00318	0.000564
2049 Feb	0.0615	0.0000284	16	26.2	0.196	0.00602	99.6	0.0229	0.0398	0.00028	0.00147	0.00117	0.731	0.00000535	0.00239	0.00137	0.00318	0.000564
2049 Mar	0.0615	0.0000284	16	26.2	0.196	0.00602	99.6	0.0229	0.0398	0.00028	0.00148	0.00117	0.731	0.00000535	0.00239	0.00137	0.00318	0.000564
2049 Apr	0.0617	0.0000285	16.1	26.3	0.196	0.00604	100	0.0229	0.04	0.000281	0.00148	0.00117	0.734	0.00000537	0.0024	0.00137	0.00319	0.000566
2049 May	0.0626	0.0000289	16.3	26.6	0.199	0.00612	101	0.0233	0.0405	0.000285	0.0015	0.00119	0.744	0.00000544	0.00243	0.00139	0.00324	0.000574
2049 Jun	0.0587	0.0000271	15	24.6	0.183	0.00564	92.7	0.0216	0.0389	0.000262	0.0014	0.00109	0.688	0.00000507	0.00225	0.0013	0.00307	0.000523
2049 Jul	0.0577	0.0000268	14.8	24.3	0.18	0.00555	90.6	0.0214	0.0385	0.000255	0.00138	0.00107	0.679	0.00000498	0.00223	0.00129	0.00304	0.000509
2049 Aug	0.0603	0.0000286	15.8	26.1	0.192	0.00594	95.8	0.0231	0.04	0.000265	0.00148	0.00114	0.727	0.00000527	0.0024	0.00136	0.00321	0.000538
2049 Sep	0.0595	0.0000292	16.1	26.8	0.195	0.00608	96.5	0.0239	0.0393	0.00026	0.00152	0.00116	0.747	0.00000528	0.00248	0.00138	0.00323	0.000538
2049 Oct	0.0587	0.0000292	16.1	26.9	0.194	0.00608	95.9	0.0241	0.0388	0.000255	0.00152	0.00115	0.748	0.00000524	0.0025	0.00138	0.00321	0.00053
2049 Nov	0.0587	0.0000293	16.1	27	0.195	0.0061	96	0.0242	0.0388	0.000255	0.00153	0.00115	0.752	0.00000524	0.00251	0.00138	0.00321	0.000529
2049 Dec	0.0587	0.0000294	16.2	27.1	0.195	0.0061	96.1	0.0243	0.0388	0.000255	0.00153	0.00115	0.753	0.00000524	0.00252	0.00138	0.00321	0.000529
2050 Jan	0.0587	0.0000294	16.2	27.1	0.195	0.0061	96.1	0.0243	0.0388	0.000255	0.00153	0.00116	0.753	0.00000524	0.00252	0.00138	0.00321	0.000529
2050 Feb	0.0587	0.0000294	16.2	27.1	0.195	0.00611	96.1	0.0243	0.0388	0.000255	0.00153	0.00116	0.753	0.00000524	0.00252	0.00138	0.00321	0.000529
2050 Mar	0.0587	0.0000294	16.2	27.1	0.195	0.00611	96.1	0.0243	0.0388	0.000255	0.00153	0.00116	0.753	0.00000524	0.00252	0.00138	0.00321	0.000529
2050 Apr	0.0589	0.0000295	16.2	27.1	0.195	0.00612	96.3	0.0243	0.0389	0.000255	0.00153	0.00116	0.755	0.00000525	0.00252	0.00139	0.00322	0.00053

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.0595	0.0000298	16.4	27.4	0.197	0.00619	97.4	0.0246	0.0393	0.000258	0.00155	0.00117	0.764	0.00000531	0.00255	0.0014	0.00326	0.000536
2050 Jun	0.0574	0.0000286	15.6	26.1	0.188	0.00588	91.9	0.0235	0.0384	0.000247	0.00148	0.00111	0.727	0.00000508	0.00243	0.00135	0.00315	0.000506
2050 Jul	0.0558	0.0000279	15.1	25.5	0.182	0.00572	88.7	0.0229	0.0375	0.000237	0.00144	0.00108	0.708	0.00000495	0.00237	0.00131	0.00308	0.000489
2050 Aug	0.0572	0.0000291	15.8	26.6	0.19	0.00598	91.8	0.0241	0.0384	0.000243	0.00151	0.00113	0.741	0.00000513	0.00249	0.00136	0.00319	0.000508
2050 Sep	0.0571	0.0000297	16.2	27.3	0.193	0.00612	92.7	0.0247	0.0381	0.000241	0.00155	0.00115	0.759	0.00000518	0.00256	0.00138	0.00322	0.000514
2050 Oct	0.0574	0.0000301	16.4	27.7	0.196	0.00621	93.5	0.0252	0.0383	0.000242	0.00157	0.00116	0.77	0.00000523	0.0026	0.0014	0.00325	0.000518
2050 Nov	0.0575	0.0000303	16.5	27.9	0.197	0.00624	93.9	0.0254	0.0383	0.000242	0.00158	0.00117	0.775	0.00000525	0.00262	0.00141	0.00326	0.00052
2050 Dec	0.0576	0.0000303	16.5	27.9	0.197	0.00625	94	0.0254	0.0383	0.000242	0.00158	0.00117	0.776	0.00000526	0.00262	0.00141	0.00327	0.00052
2051 Jan	0.0576	0.0000303	16.5	28	0.197	0.00625	94	0.0254	0.0383	0.000242	0.00158	0.00117	0.776	0.00000526	0.00262	0.00141	0.00327	0.00052
2051 Feb	0.0576	0.0000303	16.5	28	0.197	0.00625	94	0.0254	0.0383	0.000242	0.00158	0.00117	0.776	0.00000526	0.00262	0.00141	0.00327	0.00052
2051 Mar	0.0576	0.0000303	16.5	28	0.197	0.00625	94	0.0254	0.0383	0.000242	0.00158	0.00117	0.777	0.00000526	0.00263	0.00141	0.00327	0.000521
2051 Apr	0.0578	0.0000304	16.6	28.1	0.198	0.00628	94.4	0.0255	0.0385	0.000243	0.00159	0.00117	0.779	0.00000528	0.00263	0.00141	0.00328	0.000522
2051 May	0.0586	0.0000309	16.8	28.5	0.201	0.00637	95.6	0.0259	0.0389	0.000247	0.00161	0.00119	0.792	0.00000534	0.00268	0.00144	0.00333	0.000527
2051 Jun	0.0557	0.0000287	15.3	26.3	0.185	0.0058	84.8	0.0241	0.0368	0.000244	0.00149	0.00108	0.73	0.00000487	0.00247	0.00135	0.00309	0.000465
2051 Jul	0.0557	0.0000289	15.4	26.5	0.186	0.00585	84.7	0.0243	0.0369	0.000243	0.0015	0.00108	0.736	0.0000049	0.0025	0.00136	0.00312	0.000466
2051 Aug	0.0559	0.00003	16.1	27.8	0.193	0.00612	86.2	0.0256	0.0367	0.000242	0.00157	0.00113	0.77	0.00000504	0.00263	0.0014	0.00319	0.000483
2051 Sep	0.055	0.0000303	16.2	28.1	0.194	0.00618	85.6	0.026	0.036	0.000235	0.00159	0.00113	0.779	0.00000502	0.00267	0.0014	0.00318	0.000479
2051 Oct	0.0528	0.0000293	15.6	27.2	0.186	0.00596	81.6	0.0252	0.0349	0.000222	0.00153	0.00109	0.753	0.00000481	0.00259	0.00135	0.00305	0.000454
2051 Nov	0.0527	0.0000294	15.6	27.3	0.186	0.00597	81.5	0.0253	0.0349	0.000221	0.00153	0.00109	0.755	0.00000481	0.0026	0.00135	0.00305	0.000453
2051 Dec	0.0527	0.0000294	15.7	27.3	0.186	0.00598	81.6	0.0253	0.0349	0.000221	0.00153	0.00109	0.756	0.00000481	0.0026	0.00135	0.00305	0.000453
2052 Jan	0.0527	0.0000294	15.7	27.3	0.186	0.00598	81.6	0.0253	0.0349	0.000221	0.00153	0.00109	0.756	0.00000481	0.0026	0.00135	0.00305	0.000453
2052 Feb	0.0528	0.0000294	15.7	27.3	0.187	0.00598	81.6	0.0253	0.0349	0.000221	0.00153	0.00109	0.756	0.00000481	0.0026	0.00135	0.00305	0.000453
2052 Mar	0.0528	0.0000294	15.7	27.3	0.187	0.00598	81.7	0.0254	0.035	0.000221	0.00154	0.00109	0.757	0.00000482	0.0026	0.00135	0.00306	0.000453
2052 Apr	0.0529	0.0000295	15.7	27.4	0.187	0.006	81.8	0.0254	0.035	0.000222	0.00154	0.00109	0.758	0.00000483	0.00261	0.00136	0.00306	0.000454
2052 May	0.0534	0.0000297	15.8	27.6	0.189	0.00604	82.4	0.0256	0.0353	0.000225	0.00155	0.0011	0.764	0.00000486	0.00263	0.00137	0.00309	0.000457
2052 Jun	0.0535	0.0000293	15.5	27.1	0.186	0.00593	80.4	0.0252	0.0353	0.000229	0.00153	0.00108	0.752	0.00000479	0.00258	0.00136	0.00305	0.000447
2052 Jul	0.0543	0.0000301	16	27.9	0.19	0.00609	81.5	0.026	0.0358	0.000231	0.00157	0.00111	0.773	0.00000489	0.00266	0.00139	0.00312	0.000455
2052 Aug	0.0551	0.0000313	16.6	29.2	0.198	0.00636	83.5	0.0272	0.0361	0.000233	0.00164	0.00115	0.807	0.00000504	0.00279	0.00143	0.00321	0.000471
2052 Sep	0.0549	0.0000318	16.9	29.7	0.201	0.00647	83.8	0.0278	0.0358	0.000231	0.00167	0.00117	0.822	0.00000508	0.00285	0.00145	0.00323	0.000474
2052 Oct	0.0548	0.0000321	17.1	30.1	0.202	0.00654	84	0.0282	0.0356	0.00023	0.00168	0.00118	0.831	0.0000051	0.00289	0.00146	0.00324	0.000475
2052 Nov	0.0549	0.0000322	17.1	30.2	0.203	0.00656	84.2	0.0283	0.0357	0.00023	0.00169	0.00118	0.835	0.00000511	0.0029	0.00147	0.00325	0.000476
2052 Dec	0.0549	0.0000322	17.1	30.2	0.203	0.00656	84.3	0.0284	0.0357	0.00023	0.00169	0.00118	0.835	0.00000511	0.0029	0.00147	0.00326	0.000476
2053 Jan	0.0549	0.0000322	17.1	30.2	0.203	0.00657	84.3	0.0284	0.0357	0.00023	0.00169	0.00118	0.836	0.00000511	0.0029	0.00147	0.00326	0.000476
2053 Feb	0.0549	0.0000322	17.1	30.3	0.203	0.00657	84.3	0.0284	0.0357	0.00023	0.00169	0.00118	0.836	0.00000512	0.0029	0.00147	0.00326	0.000476
2053 Mar	0.055	0.0000323	17.2	30.3	0.203	0.00658	84.4	0.0284	0.0358	0.000231	0.0017	0.00118	0.837	0.00000512	0.00291	0.00147	0.00326	0.000477
2053 Apr	0.0552	0.0000324	17.2	30.4	0.204	0.0066	84.7	0.0285	0.0359	0.000231	0.0017	0.00119	0.84	0.00000514	0.00292	0.00147	0.00327	0.000479
2053 May	0.0561	0.0000327	17.3	30.8	0.206	0.00665	84.5	0.0289	0.0361	0.000241	0.00172	0.00119	0.85	0.00000515	0.00296	0.0015	0.00329	0.000474
2053 Jun	0.0551	0.0000308	16.2	28.9	0.195	0.00619	77.3	0.0271	0.0348	0.000251	0.00161	0.00111	0.799	0.00000481	0.00277	0.00143	0.00311	0.000434
2053 Jul	0.0565	0.000032	16.9	30.1	0.203	0.00646	79.5	0.0283	0.0355	0.000257	0.00168	0.00116	0.833	0.00000498	0.00289	0.00149	0.00321	0.000452
2053 Aug	0.0584	0.0000343	18.2	32.6	0.218	0.00699	83.4	0.0308	0.0362	0.000264	0.00182	0.00125	0.9	0.00000528	0.00314	0.00158	0.0034	0.000484
2053 Sep	0.0597	0.0000357	18.9	34	0.226	0.00728	85.9	0.0323	0.0368	0.00027	0.0019	0.00129	0.939	0.00000545	0.00329	0.00165	0.00351	0.000496
2053 Oct	0.0598	0.0000363	19.2	34.6	0.229	0.00739	86.6	0.0329	0.0367	0.00027	0.00193	0.00131	0.955	0.0000055	0.00335	0.00167	0.00355	0.000499
2053 Nov	0.0598	0.0000363	19.3	34.7	0.23	0.00741	86.7	0.033	0.0367	0.00027	0.00193	0.00131	0.957	0.0000055	0.00336	0.00167	0.00355	0.000499
2053 Dec	0.0598	0.0000364	19.3	34.7	0.23	0.00741	86.7	0.033	0.0367	0.00027	0.00193	0.00131	0.957	0.0000055	0.00336	0.00167	0.00355	0.000499
2054 Jan	0.0598	0.0000364	19.3	34.7	0.23	0.00741	86.7	0.033	0.0367	0.00027	0.00193	0.00131	0.957	0.0000055	0.00336	0.00167	0.00355	0.000499
2054 Feb	0.0598	0.0000364	19.3	34.7	0.23	0.00741	86.7	0.033	0.0367	0.00027	0.00193	0.00131	0.958	0.0000055	0.00336	0.00167	0.00355	0.000499
2054 Mar	0.0598	0.0000364	19.3	34.7	0.23	0.00741	86.7	0.033	0.0367	0.00027	0.00193	0.00131	0.958	0.0000055	0.00336	0.00167	0.00355	0.000499
2054 Apr	0.06	0.0000365	19.3	34.9	0.231	0.00744	87	0.0331	0.0368	0.000271	0.00194	0.00132	0.961	0.00000552	0.00337	0.00168	0.00356	0.000501
2054 May	0.0608	0.0000369	19.5	35.2	0.233	0.00751	87.8	0.0334	0.0372	0.000275	0.00196	0.00133	0.97	0.00000557	0.00341	0.00169	0.0036	0.000505
2054 Jun	0.0592	0.0000344	18.1	32.6	0.218	0.00694	80.3	0.031	0.0361	0.000278	0.00182	0.00123	0.901	0.0000052	0.00315	0.0016	0.00339	0.000465
2054 Jul	0.0587	0.0000343	18	32.5	0.217	0.00691	79.4	0.0309	0.0359	0.000275	0.00181	0.00122	0.899	0.00000517	0.00314	0.00159	0.00337	0.000461
2054 Aug	0.0592	0.0000351	18.5	33.4	0.222	0.0071	80.3	0.0318	0.0359	0.000276	0.00186	0.00125	0.922	0.00000527	0.00323	0.00163	0.00343	0.000471
2054 Sep	0.0591	0.0000356	18.8	34.1	0.225	0.00723	80.7	0.0324	0.0357	0.000275	0.00189	0.00128	0.94	0.00000533	0.0033	0.00165	0.00346	0.000478
2054 Oct	0.0586	0.0000356	18.8	34.1	0.225	0.00724	80.1	0.0325	0.0353	0.000272	0.00189	0.00128	0.94	0.00000531	0.00331	0.00164	0.00345	0.000476
2054 Nov	0.0584	0.0000356	18.8	34.1	0.225	0.00723	79.8	0.0325	0.0353	0.00027	0.00189	0.00127	0.939	0.0000053	0.0033	0.00164	0.00344	0.000475
2054 Dec	0.0584	0.0000356	18.8	34.1	0.225	0.00723	79.8	0.0325	0.0353	0.00027	0.00189	0.00127	0.94	0.0000053	0.00331	0.00164	0.00344	0.000475
2055 Jan	0.0584	0.0000356	18.8	34.1	0.225	0.00723	79.8	0.0325	0.0353	0.00027	0.00189	0.00127	0.94	0.0000053	0.00331	0.00164	0.00344	0.000475
2055 Feb	0.0584	0.0000356	18.8	34.1	0.225	0.00723	79.8	0.0325	0.0353	0.00027	0.00189	0.00127	0.94	0.0000053	0.00331	0.00164	0.00344	0.000475
2055 Mar	0.0585	0.0000356	18.8	34.1	0.225	0.00724	79.8	0.0325	0.0353	0.000271	0.00189	0.00127	0.94	0.00000531	0.00331	0.00164	0.00345	0.000475
2055 Apr	0.0586	0.0000357	18.9	34.2	0.226	0.00726	80	0.0326	0.0354	0.000271	0.0019	0.00128	0.943	0.00000532	0.00332	0.00165	0.00345	0.000476
2055 May	0.0593	0.0000361	19.1	34.6	0.228	0.00734	81	0.033	0.0358	0.000274	0.00192	0.00129	0.954	0.00000538	0.00336	0.00166	0.00349	0.000482
2055 Jun	0.0558	0.0000337	17.6	31.9	0.21	0.00676	73.4	0.0305	0.0346	0.000252	0.00178	0.00119	0.88	0.00000503	0.0031	0.00155	0.00331	0.000441
2055 Jul	0.0555	0.0000336	17.5	31.8	0.209	0.00673	72.2	0.0303	0.0347	0.000249	0.00177	0.00119	0.876	0.00000502	0.00308	0.00154	0.00331	0.00044
2055 Aug	0.0571	0.0000351	18.4	33.3	0.219	0.00707	74.5	0.0318	0.0354	0.000254	0.00186	0.00125	0.918	0.00000524	0.00323	0.00161	0.00344	0.000465
2055 Sep	0.0569	0.0000355	18.7	33.8	0.222	0.00719	74.6	0.0323	0.0352	0.000252	0.00189	0.00126	0.932	0.00000529	0.00329	0.00162	0.00346	0.000471
2055 Oct	0.057	0.0000358	18.8	34.2	0.224	0.00725	74.9	0.0327	0.0352	0.000253	0.00191	0.00128	0.941	0.00000533	0.00332	0.00164	0.00348	0.000474
2055 Nov	0.0571	0.0000359	18.9	34.3	0.224	0.00728	75	0.0328	0.0352	0.000253	0.00191	0.00128	0.945	0.00000534	0.00334	0.00164	0.00349	0.000475
2055 Dec	0.0571	0.000036	18.9	34.3	0.224	0.00728	75	0.0328	0.0352	0.000253	0.00191	0.00128	0.945	0.00000534	0.00334	0.00164	0.00349	0.000475
2056 Jan	0.0571	0.000036	18.9	34.3	0.224	0.00729	75	0.0328	0.0352	0.000253	0.00191	0.00128	0.945	0.00000534	0.00334	0.00164	0.00349	0.000475
2056 Feb	0.0571	0.000036	18.9	34.3	0.224	0.00729	75	0.0329	0.0352	0.000253	0.00192	0.00128	0.946	0.00000534	0.00334	0.00164	0.00349	0.000475
2056 Mar	0.0571	0.000036	18.9	34.4	0.225	0.00729	75.1	0.0329	0.0352	0.000253	0.00192	0.00128	0.946	0.00000534	0.00334	0.00164	0.0035	0.000475
2056 Apr	0.0573	0.0000361	19	34.5	0.225	0.00731	75.3	0.033	0.0354	0.000254	0.00192	0.00128	0.949	0.00000536	0.00335	0.00165	0.00351	0.000477
2056 May	0.0584	0.0000362	19	34.5	0.226	0.00732	75.3	0.033	0.0358	0.000263	0.00192	0.00129	0.951	0.00000538	0.00336	0.00166	0.00352	0.000477
2056 Jun	0.0585	0.0000337	17.6	32	0.213	0.00675	68.8	0.0304	0.0351	0.000283	0.00178	0.00119	0.883	0.00000503	0.00309	0.00158	0.00331	0.000442
2056 Jul	0.0605	0.0000351	18.4	33.4	0.223	0.00705	71.2	0.0318	0.0362	0.000293	0.00186	0.00124	0.922	0.00000524	0.00323	0.00165	0.00344	0.000461
2056 Aug	0.0613	0.0000363	19.2	34.8	0.231	0.00736	72.4	0.0331	0.0364	0.000295	0.00193	0.0013	0.96	0.00000542	0.00337	0.0017	0.00354	0.000483
2056 Sep	0.0621	0.0000376	19.9	36.2	0.239	0.00765	73.7	0.0345	0.0366	0.000298	0.00201	0.00135	0.997	0.00000557	0.00351	0.00175	0.00363	0.0005

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0613	0.0000374	19.8	36	0.238	0.00761	72.9	0.0344	0.0361	0.000294	0.002	0.00134	0.993	0.00000552	0.0035	0.00174	0.0036	0.000493
2056 Nov	0.0612	0.0000374	19.8	36	0.238	0.00761	72.7	0.0344	0.036	0.000293	0.002	0.00134	0.993	0.00000551	0.0035	0.00174	0.0036	0.000492
2056 Dec	0.0612	0.0000374	19.8	36.1	0.238	0.00761	72.8	0.0345	0.0361	0.000293	0.002	0.00134	0.993	0.00000552	0.0035	0.00174	0.0036	0.000492
2057 Jan	0.0613	0.0000374	19.8	36.1	0.238	0.00762	72.8	0.0345	0.0361	0.000293	0.002	0.00134	0.994	0.00000552	0.0035	0.00174	0.0036	0.000492
2057 Feb	0.0613	0.0000375	19.8	36.1	0.238	0.00762	72.8	0.0345	0.0361	0.000293	0.002	0.00134	0.994	0.00000552	0.0035	0.00174	0.0036	0.000492
2057 Mar	0.0613	0.0000375	19.8	36.1	0.238	0.00762	72.8	0.0345	0.0361	0.000293	0.002	0.00134	0.995	0.00000552	0.00351	0.00174	0.0036	0.000493
2057 Apr	0.0615	0.0000376	19.9	36.2	0.239	0.00765	73.1	0.0346	0.0362	0.000294	0.00201	0.00134	0.998	0.00000554	0.00352	0.00175	0.00362	0.000494
2057 May	0.0624	0.0000381	20.1	36.7	0.242	0.00775	74	0.0351	0.0367	0.000299	0.00204	0.00136	1.01	0.00000562	0.00357	0.00177	0.00367	0.000501
2057 Jun	0.0599	0.0000353	18.5	33.8	0.224	0.00711	67.2	0.0322	0.0356	0.00029	0.00188	0.00125	0.931	0.00000523	0.00327	0.00166	0.00344	0.000459
2057 Jul	0.0609	0.0000361	18.9	34.5	0.228	0.00726	68.2	0.0329	0.0362	0.000294	0.00192	0.00128	0.951	0.00000533	0.00334	0.00169	0.00351	0.000467
2057 Aug	0.0639	0.0000388	20.4	37.3	0.246	0.00786	71.9	0.0357	0.0376	0.000308	0.00207	0.00138	1.03	0.00000571	0.00362	0.00181	0.00374	0.000505
2057 Sep	0.0646	0.0000398	21	38.3	0.252	0.00807	73	0.0367	0.0379	0.000311	0.00213	0.00141	1.06	0.00000582	0.00373	0.00185	0.00382	0.000514
2057 Oct	0.0642	0.0000399	21	38.5	0.252	0.0081	72.7	0.037	0.0376	0.000308	0.00214	0.00142	1.06	0.0000058	0.00375	0.00185	0.00382	0.000511
2057 Nov	0.0643	0.00004	21.1	38.6	0.253	0.00812	72.7	0.0371	0.0376	0.000308	0.00214	0.00142	1.06	0.00000581	0.00376	0.00186	0.00382	0.000511
2057 Dec	0.0643	0.0000401	21.1	38.6	0.253	0.00812	72.7	0.0371	0.0376	0.000308	0.00214	0.00142	1.06	0.00000581	0.00377	0.00186	0.00383	0.000511
2058 Jan	0.0643	0.0000401	21.1	38.6	0.253	0.00812	72.7	0.0371	0.0376	0.000308	0.00214	0.00142	1.06	0.00000581	0.00377	0.00186	0.00383	0.000511
2058 Feb	0.0643	0.0000401	21.1	38.6	0.253	0.00812	72.7	0.0371	0.0376	0.000308	0.00215	0.00142	1.06	0.00000581	0.00377	0.00186	0.00383	0.000511
2058 Mar	0.0643	0.0000401	21.1	38.7	0.253	0.00812	72.7	0.0371	0.0376	0.000308	0.00215	0.00142	1.06	0.00000581	0.00377	0.00186	0.00383	0.000511
2058 Apr	0.0645	0.0000402	21.1	38.7	0.253	0.00814	72.9	0.0372	0.0377	0.000309	0.00215	0.00142	1.07	0.00000583	0.00378	0.00186	0.00383	0.000513
2058 May	0.0655	0.0000403	21.1	38.9	0.255	0.00814	72.2	0.0374	0.038	0.00032	0.00216	0.00142	1.07	0.00000581	0.00379	0.00188	0.00384	0.000506
2058 Jun	0.0634	0.0000361	18.7	34.6	0.23	0.00717	61.9	0.0332	0.0358	0.000335	0.00192	0.00125	0.955	0.00000516	0.00336	0.00173	0.00345	0.000434
2058 Jul	0.0647	0.000037	19.2	35.6	0.236	0.00738	63.1	0.0342	0.0364	0.000342	0.00197	0.00129	0.983	0.00000529	0.00346	0.00177	0.00354	0.000448
2058 Aug	0.0665	0.0000388	20.3	37.6	0.249	0.0078	65	0.0361	0.0371	0.000351	0.00208	0.00136	1.04	0.00000554	0.00365	0.00185	0.00369	0.000474
2058 Sep	0.0663	0.0000393	20.5	38.1	0.251	0.00791	64.9	0.0367	0.0368	0.000349	0.00211	0.00137	1.05	0.00000557	0.00371	0.00187	0.00371	0.000477
2058 Oct	0.0658	0.0000394	20.6	38.3	0.252	0.00794	64.6	0.0369	0.0365	0.000346	0.00211	0.00138	1.05	0.00000557	0.00373	0.00187	0.00371	0.000476
2058 Nov	0.0659	0.0000396	20.7	38.4	0.252	0.00797	64.7	0.037	0.0365	0.000346	0.00212	0.00138	1.06	0.00000558	0.00375	0.00188	0.00372	0.000477
2058 Dec	0.0659	0.0000396	20.7	38.4	0.252	0.00797	64.7	0.0371	0.0365	0.000346	0.00212	0.00138	1.06	0.00000558	0.00375	0.00188	0.00372	0.000477
2059 Jan	0.0659	0.0000396	20.7	38.4	0.252	0.00797	64.7	0.0371	0.0365	0.000346	0.00212	0.00138	1.06	0.00000558	0.00375	0.00188	0.00372	0.000477
2059 Feb	0.0659	0.0000396	20.7	38.4	0.253	0.00797	64.7	0.0371	0.0365	0.000346	0.00212	0.00138	1.06	0.00000559	0.00375	0.00188	0.00372	0.000477
2059 Mar	0.0659	0.0000396	20.7	38.4	0.253	0.00797	64.7	0.0371	0.0365	0.000346	0.00212	0.00138	1.06	0.00000559	0.00375	0.00188	0.00372	0.000477
2059 Apr	0.0661	0.0000397	20.7	38.5	0.253	0.00799	64.8	0.0372	0.0366	0.000347	0.00213	0.00138	1.06	0.0000056	0.00376	0.00188	0.00373	0.000478
2059 May	0.067	0.00004	20.9	38.8	0.255	0.00804	65.2	0.0374	0.037	0.000353	0.00214	0.00139	1.07	0.00000564	0.00378	0.0019	0.00376	0.00048
2059 Jun	0.0676	0.0000389	20.2	37.7	0.25	0.00778	62.5	0.0363	0.0371	0.000366	0.00208	0.00135	1.04	0.00000549	0.00366	0.00187	0.00367	0.000463
2059 Jul	0.0713	0.0000412	21.4	39.9	0.264	0.00823	66	0.0384	0.0391	0.000386	0.0022	0.00143	1.1	0.0000058	0.00388	0.00198	0.00388	0.000489
2059 Aug	0.0742	0.0000433	22.7	42.1	0.279	0.00872	68.7	0.0405	0.0404	0.000401	0.00232	0.00151	1.16	0.00000612	0.0041	0.00208	0.00408	0.000522
2059 Sep	0.0743	0.0000439	23	42.8	0.283	0.00887	68.8	0.0412	0.0403	0.0004	0.00236	0.00154	1.18	0.00000619	0.00417	0.0021	0.00411	0.000532
2059 Oct	0.0709	0.0000421	22.1	41	0.27	0.0085	65.3	0.0396	0.0388	0.000378	0.00226	0.00147	1.13	0.00000593	0.004	0.00201	0.00393	0.000506
2059 Nov	0.0706	0.000042	22	40.9	0.269	0.00848	65	0.0395	0.0387	0.000376	0.00225	0.00147	1.13	0.00000591	0.00399	0.002	0.00392	0.000504
2059 Dec	0.0706	0.000042	22	40.9	0.269	0.00848	64.9	0.0395	0.0387	0.000375	0.00226	0.00147	1.13	0.00000591	0.00399	0.002	0.00392	0.000504
2060 Jan	0.0706	0.0000421	22	41	0.269	0.00848	64.9	0.0395	0.0387	0.000375	0.00226	0.00147	1.13	0.00000591	0.00399	0.002	0.00392	0.000504
2060 Feb	0.0706	0.0000421	22	41	0.269	0.00848	64.9	0.0395	0.0387	0.000376	0.00226	0.00147	1.13	0.00000591	0.00399	0.002	0.00392	0.000504
2060 Mar	0.0707	0.0000421	22	41	0.27	0.00849	65	0.0395	0.0387	0.000376	0.00226	0.00147	1.13	0.00000591	0.004	0.002	0.00392	0.000504
2060 Apr	0.0709	0.0000422	22.1	41.1	0.27	0.00851	65.2	0.0396	0.0389	0.000377	0.00226	0.00147	1.13	0.00000593	0.00401	0.00201	0.00394	0.000506
2060 May	0.0716	0.0000421	22	41	0.27	0.00848	64.6	0.0395	0.0391	0.000385	0.00226	0.00147	1.13	0.00000591	0.004	0.00201	0.00393	0.000502
2060 Jun	0.0702	0.0000396	20.6	38.4	0.255	0.00791	59.8	0.0369	0.0382	0.000387	0.00211	0.00137	1.06	0.00000558	0.00373	0.00191	0.00372	0.000468
2060 Jul	0.0736	0.0000417	21.7	40.4	0.269	0.00834	62.7	0.0389	0.04	0.000405	0.00223	0.00145	1.12	0.00000588	0.00393	0.00201	0.00392	0.000496
2060 Aug	0.074	0.0000428	22.5	41.8	0.277	0.00864	63.1	0.0402	0.0399	0.000406	0.0023	0.0015	1.15	0.00000604	0.00406	0.00206	0.004	0.000518
2060 Sep	0.0707	0.0000417	21.9	40.7	0.268	0.00842	60	0.0392	0.0382	0.000383	0.00223	0.00146	1.12	0.00000585	0.00396	0.00199	0.00387	0.000499
2060 Oct	0.0699	0.0000416	21.8	40.6	0.267	0.0084	59.4	0.0392	0.0378	0.000378	0.00223	0.00145	1.12	0.00000581	0.00396	0.00198	0.00385	0.000495
2060 Nov	0.0696	0.0000415	21.7	40.5	0.266	0.00838	59.1	0.0391	0.0376	0.000375	0.00223	0.00145	1.12	0.00000579	0.00396	0.00197	0.00383	0.000492
2060 Dec	0.0696	0.0000415	21.7	40.6	0.267	0.00838	59.1	0.0392	0.0376	0.000375	0.00223	0.00145	1.12	0.00000579	0.00396	0.00197	0.00383	0.000492
2061 Jan	0.0696	0.0000415	21.7	40.6	0.267	0.00838	59.1	0.0392	0.0376	0.000375	0.00223	0.00145	1.12	0.00000579	0.00396	0.00197	0.00383	0.000492
2061 Feb	0.0696	0.0000415	21.7	40.6	0.267	0.00839	59.1	0.0392	0.0376	0.000375	0.00223	0.00145	1.12	0.00000579	0.00396	0.00197	0.00383	0.000492
2061 Mar	0.0697	0.0000415	21.8	40.6	0.267	0.00839	59.1	0.0392	0.0376	0.000375	0.00223	0.00145	1.12	0.00000579	0.00396	0.00197	0.00384	0.000492
2061 Apr	0.0699	0.0000417	21.8	40.7	0.268	0.00842	59.3	0.0393	0.0378	0.000377	0.00224	0.00145	1.12	0.00000581	0.00397	0.00198	0.00385	0.000494
2061 May	0.0709	0.0000414	21.6	40.4	0.266	0.00833	58.4	0.039	0.0381	0.000388	0.00222	0.00144	1.11	0.00000576	0.00394	0.00198	0.00383	0.000485
2061 Jun	0.0679	0.0000379	19.7	36.8	0.245	0.00756	52.2	0.0355	0.0362	0.000383	0.00202	0.0013	1.02	0.00000527	0.00358	0.00184	0.00353	0.000437
2061 Jul	0.0708	0.0000399	20.7	38.8	0.258	0.00797	54.4	0.0374	0.0377	0.000399	0.00213	0.00138	1.07	0.00000555	0.00378	0.00193	0.0037	0.000462
2061 Aug	0.0731	0.0000421	22	41.2	0.273	0.00847	56.3	0.0398	0.0386	0.000411	0.00226	0.00146	1.14	0.00000584	0.00401	0.00203	0.00389	0.000491
2061 Sep	0.0735	0.0000429	22.4	42.1	0.277	0.00864	56.7	0.0406	0.0386	0.000412	0.00231	0.00149	1.16	0.00000592	0.0041	0.00207	0.00394	0.000498
2061 Oct	0.0711	0.000042	21.9	41.2	0.27	0.00845	54.8	0.0398	0.0375	0.000396	0.00225	0.00145	1.13	0.00000577	0.00402	0.00201	0.00384	0.000482
2061 Nov	0.0705	0.0000417	21.7	40.9	0.268	0.00839	54.1	0.0396	0.0373	0.000391	0.00224	0.00144	1.13	0.00000572	0.00399	0.002	0.00381	0.000477
2061 Dec	0.0705	0.0000417	21.7	40.9	0.268	0.00839	54.1	0.0396	0.0373	0.00039	0.00224	0.00144	1.13	0.00000572	0.00399	0.002	0.00381	0.000476
2062 Jan	0.0705	0.0000417	21.7	40.9	0.268	0.00839	54.1	0.0396	0.0373	0.00039	0.00224	0.00144	1.13	0.00000572	0.00399	0.002	0.00381	0.000476
2062 Feb	0.0705	0.0000417	21.8	40.9	0.268	0.00839	54.1	0.0396	0.0373	0.00039	0.00224	0.00144	1.13	0.00000572	0.004	0.002	0.00381	0.000476
2062 Mar	0.0706	0.0000418	21.8	40.9	0.268	0.0084	54.2	0.0396	0.0374	0.000391	0.00224	0.00144	1.13	0.00000573	0.004	0.002	0.00381	0.000477
2062 Apr	0.0708	0.0000419	21.9	41.1	0.269	0.00843	54.4	0.0398	0.0375	0.000392	0.00225	0.00145	1.13	0.00000575	0.00401	0.00201	0.00383	0.000479
2062 May	0.0715	0.0000423	22.1	41.5	0.272	0.00852	54.9	0.0402	0.0379	0.000396	0.00227	0.00146	1.14	0.0000058	0.00405	0.00203	0.00387	0.000483
2062 Jun	0.0677	0.0000397	20.5	38.6	0.253	0.00792	50.6	0.0374	0.0368	0.000368	0.00212	0.00136	1.06	0.00000547	0.00377	0.0019	0.00367	0.00045
2062 Jul	0.0665	0.000039	20.1	37.8	0.248	0.00775	49.1	0.0366	0.0367	0.000358	0.00208	0.00133	1.04	0.00000539	0.00369	0.00186	0.00363	0.000441
2062 Aug	0.0665	0.0000399	20.7	38.8	0.253	0.00797	49.1	0.0376	0.0365	0.000355	0.00213	0.00137	1.07	0.0000055	0.00379	0.00189	0.00369	0.000454
2062 Sep	0.065	0.0000397	20.6	38.7	0.251	0.00795	48	0.0376	0.0356	0.000344	0.00213	0.00136	1.06	0.00000545	0.00379	0.00187	0.00365	0.00045
2062 Oct	0.0604	0.0000371	19.1	36	0.233	0.0074	43.8	0.035	0.0339	0.000312	0.00198	0.00126	0.991	0.00000506	0.00353	0.00174	0.00339	0.000412
2062 Nov	0.0604	0.0000371	19.1	36	0.232	0.0074	43.8	0.035	0.0339	0.000311	0.00198	0.00126	0.991	0.00000507	0.00353	0.00174	0.0034	0.000412
2062 Dec	0.0604	0.0000371	19.1	36	0.233	0.00741	43.7	0.0351	0.0339	0.000311	0.00198	0.00126	0.992	0.00000507	0.00354	0.00174	0.0034	0.000412
2063 Jan	0.0604	0.0000372	19.1	36	0.233	0.00741	43.7	0.0351	0.0339	0.000311	0.00198	0.00126	0.992	0.00000507	0.00354	0.00174	0.0034	0.000412
2063 Feb	0.0604	0.0000372	19.1	36	0.233	0.00741	43.7	0.0351	0.0339	0.000311	0.00198	0.00126	0.992	0.00000507	0.00354	0.00174	0.0034	0.000412

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0604	0.0000372	19.1	36.1	0.233	0.00741	43.8	0.0351	0.0339	0.000311	0.00198	0.00126	0.993	0.00000507	0.00354	0.00174	0.0034	0.000412
2063 Apr	0.0605	0.0000372	19.2	36.1	0.233	0.00742	43.8	0.0352	0.034	0.000312	0.00198	0.00126	0.995	0.00000508	0.00355	0.00174	0.0034	0.000413
2063 May	0.0613	0.0000373	19.2	36.2	0.234	0.00743	43.8	0.0352	0.0344	0.000318	0.00199	0.00127	0.996	0.0000051	0.00355	0.00175	0.00342	0.000414
2063 Jun	0.0579	0.0000323	16.4	30.9	0.204	0.00631	36.7	0.0299	0.0326	0.000314	0.0017	0.00108	0.853	0.00000446	0.00301	0.00155	0.00303	0.000353
2063 Jul	0.0578	0.0000325	16.6	31.2	0.206	0.00639	36.5	0.0302	0.0325	0.000312	0.00172	0.0011	0.861	0.0000045	0.00304	0.00156	0.00305	0.00036
2063 Aug	0.0597	0.0000347	17.9	33.6	0.22	0.00689	37.8	0.0325	0.0332	0.000319	0.00184	0.00118	0.926	0.0000048	0.00328	0.00165	0.00322	0.00039
2063 Sep	0.0594	0.0000355	18.3	34.4	0.224	0.00706	37.7	0.0334	0.0329	0.000316	0.00189	0.00121	0.948	0.00000486	0.00337	0.00168	0.00326	0.000395
2063 Oct	0.0586	0.0000353	18.2	34.2	0.222	0.00702	37.2	0.0333	0.0325	0.00031	0.00188	0.0012	0.943	0.00000481	0.00335	0.00167	0.00324	0.00039
2063 Nov	0.0585	0.0000353	18.1	34.2	0.222	0.00702	37.1	0.0333	0.0325	0.000309	0.00188	0.0012	0.943	0.00000481	0.00335	0.00166	0.00323	0.000389
2063 Dec	0.0586	0.0000353	18.2	34.2	0.222	0.00702	37.1	0.0333	0.0325	0.000309	0.00188	0.0012	0.944	0.00000481	0.00336	0.00167	0.00324	0.000389
2064 Jan	0.0586	0.0000353	18.2	34.3	0.222	0.00702	37.1	0.0333	0.0325	0.000309	0.00188	0.0012	0.944	0.00000481	0.00336	0.00167	0.00324	0.000389
2064 Feb	0.0586	0.0000353	18.2	34.3	0.222	0.00702	37.1	0.0333	0.0325	0.000309	0.00188	0.0012	0.944	0.00000481	0.00336	0.00167	0.00324	0.000389
2064 Mar	0.0587	0.0000354	18.2	34.3	0.223	0.00703	37.1	0.0334	0.0325	0.00031	0.00188	0.0012	0.945	0.00000482	0.00336	0.00167	0.00324	0.000389
2064 Apr	0.0588	0.0000354	18.2	34.4	0.223	0.00705	37.2	0.0334	0.0326	0.00031	0.00189	0.0012	0.947	0.00000483	0.00337	0.00167	0.00325	0.00039
2064 May	0.0597	0.0000352	18.1	34.1	0.222	0.00697	36.6	0.0332	0.0329	0.000321	0.00187	0.00119	0.941	0.00000479	0.00334	0.00167	0.00323	0.000383
2064 Jun	0.0592	0.0000322	16.3	31	0.205	0.00628	32.5	0.03	0.032	0.000337	0.0017	0.00107	0.857	0.00000437	0.00302	0.00157	0.00299	0.00034
2064 Jul	0.0609	0.0000335	17.1	32.4	0.214	0.00657	33.5	0.0314	0.0328	0.000347	0.00177	0.00112	0.895	0.00000455	0.00316	0.00163	0.0031	0.000357
2064 Aug	0.0614	0.0000348	17.8	33.7	0.222	0.00686	33.8	0.0328	0.0328	0.000348	0.00185	0.00117	0.931	0.0000047	0.0033	0.00168	0.00319	0.000373
2064 Sep	0.0602	0.0000348	17.8	33.9	0.221	0.00687	33.1	0.033	0.0321	0.000338	0.00185	0.00117	0.934	0.00000467	0.00331	0.00167	0.00317	0.000368
2064 Oct	0.0602	0.0000352	18	34.3	0.223	0.00696	33.1	0.0334	0.032	0.000337	0.00188	0.00118	0.945	0.0000047	0.00336	0.00169	0.00319	0.000369
2064 Nov	0.0603	0.0000354	18.1	34.5	0.224	0.00699	33.2	0.0336	0.0321	0.000338	0.00189	0.00118	0.95	0.00000471	0.00338	0.0017	0.0032	0.00037
2064 Dec	0.0603	0.0000354	18.1	34.5	0.224	0.00699	33.2	0.0336	0.0321	0.000338	0.00189	0.00118	0.951	0.00000471	0.00338	0.0017	0.0032	0.00037
2065 Jan	0.0603	0.0000354	18.1	34.5	0.224	0.007	33.2	0.0337	0.0321	0.000338	0.00189	0.00118	0.951	0.00000471	0.00338	0.0017	0.00321	0.00037
2065 Feb	0.0603	0.0000354	18.1	34.5	0.224	0.007	33.2	0.0337	0.0321	0.000338	0.00189	0.00119	0.951	0.00000472	0.00338	0.0017	0.00321	0.00037
2065 Mar	0.0604	0.0000355	18.1	34.5	0.225	0.00701	33.3	0.0337	0.0321	0.000338	0.00189	0.00119	0.952	0.00000472	0.00339	0.0017	0.00321	0.00037
2065 Apr	0.0606	0.0000356	18.2	34.7	0.226	0.00703	33.4	0.0338	0.0323	0.00034	0.0019	0.00119	0.956	0.00000474	0.0034	0.00171	0.00322	0.000372
2065 May	0.0614	0.0000359	18.3	35	0.228	0.00709	33.5	0.0342	0.0326	0.000345	0.00191	0.0012	0.965	0.00000477	0.00343	0.00172	0.00325	0.000372
2065 Jun	0.0595	0.0000337	17.1	32.6	0.214	0.0066	30.8	0.0318	0.0317	0.000339	0.00179	0.00112	0.901	0.00000449	0.00319	0.00163	0.00308	0.000346
2065 Jul	0.0621	0.0000355	18.1	34.5	0.226	0.00698	32.2	0.0336	0.033	0.000352	0.00189	0.00118	0.952	0.00000475	0.00338	0.00172	0.00324	0.000369
2065 Aug	0.0641	0.0000375	19.2	36.6	0.239	0.00743	33.3	0.0357	0.0339	0.000362	0.002	0.00126	1.01	0.00000501	0.00359	0.00181	0.00341	0.000396
2065 Sep	0.0622	0.0000371	19	36.3	0.235	0.00737	32.3	0.0355	0.0329	0.000348	0.00198	0.00125	1	0.00000493	0.00356	0.00177	0.00335	0.000389
2065 Oct	0.0587	0.0000357	18.2	34.8	0.224	0.00707	30.2	0.0341	0.0315	0.000321	0.0019	0.00119	0.959	0.0000047	0.00343	0.00169	0.00319	0.000368
2065 Nov	0.0584	0.0000356	18.2	34.8	0.224	0.00706	30	0.0341	0.0314	0.000318	0.0019	0.00119	0.958	0.00000469	0.00342	0.00168	0.00318	0.000367
2065 Dec	0.0584	0.0000356	18.2	34.8	0.224	0.00706	30	0.0341	0.0314	0.000318	0.0019	0.00119	0.958	0.00000469	0.00343	0.00168	0.00318	0.000367
2066 Jan	0.0584	0.0000356	18.2	34.8	0.224	0.00706	30	0.0341	0.0314	0.000318	0.0019	0.00119	0.958	0.00000469	0.00343	0.00168	0.00318	0.000367
2066 Feb	0.0584	0.0000357	18.2	34.8	0.224	0.00707	30	0.0341	0.0314	0.000318	0.0019	0.00119	0.959	0.0000047	0.00343	0.00168	0.00318	0.000367
2066 Mar	0.0585	0.0000357	18.3	34.9	0.224	0.00708	30.1	0.0342	0.0315	0.000319	0.00191	0.00119	0.961	0.00000471	0.00344	0.00169	0.00319	0.000367
2066 Apr	0.0587	0.0000358	18.3	35	0.225	0.0071	30.1	0.0343	0.0315	0.00032	0.00191	0.00119	0.963	0.00000472	0.00344	0.00169	0.0032	0.000368
2066 May	0.0593	0.0000362	18.5	35.3	0.227	0.00717	30.4	0.0346	0.0319	0.000323	0.00193	0.00121	0.973	0.00000476	0.00348	0.00171	0.00323	0.000372
2066 Jun	0.056	0.000033	16.7	31.8	0.206	0.00645	27	0.0311	0.031	0.000303	0.00174	0.00109	0.876	0.00000439	0.00312	0.00157	0.00301	0.000338
2066 Jul	0.0585	0.0000348	17.6	33.6	0.217	0.00683	28.2	0.0328	0.0324	0.000314	0.00184	0.00115	0.926	0.00000465	0.0033	0.00165	0.00318	0.00036
2066 Aug	0.0605	0.0000366	18.7	35.5	0.229	0.00723	29.2	0.0347	0.0334	0.000323	0.00195	0.00122	0.978	0.00000489	0.00349	0.00173	0.00333	0.000383
2066 Sep	0.0603	0.000037	18.9	36	0.231	0.00732	29.1	0.0352	0.0332	0.00032	0.00197	0.00124	0.99	0.00000493	0.00354	0.00174	0.00335	0.000387
2066 Oct	0.059	0.0000367	18.7	35.7	0.229	0.00727	28.5	0.035	0.0326	0.000311	0.00196	0.00123	0.983	0.00000487	0.00352	0.00172	0.00331	0.000382
2066 Nov	0.0588	0.0000367	18.7	35.7	0.228	0.00727	28.4	0.035	0.0324	0.000309	0.00196	0.00123	0.983	0.00000487	0.00352	0.00172	0.0033	0.000382
2066 Dec	0.0588	0.0000367	18.8	35.7	0.229	0.00728	28.4	0.035	0.0325	0.000309	0.00196	0.00123	0.983	0.00000487	0.00352	0.00172	0.00331	0.000383
2067 Jan	0.0588	0.0000367	18.8	35.7	0.229	0.00728	28.4	0.035	0.0325	0.000309	0.00196	0.00123	0.983	0.00000487	0.00352	0.00172	0.00331	0.000383
2067 Feb	0.0588	0.0000368	18.8	35.8	0.229	0.00728	28.4	0.035	0.0325	0.000309	0.00196	0.00123	0.984	0.00000487	0.00352	0.00172	0.00331	0.000383
2067 Mar	0.0589	0.0000368	18.8	35.8	0.229	0.00729	28.4	0.0351	0.0325	0.000309	0.00196	0.00123	0.985	0.00000488	0.00353	0.00172	0.00331	0.000383
2067 Apr	0.059	0.0000369	18.8	35.9	0.229	0.0073	28.5	0.0351	0.0326	0.00031	0.00196	0.00123	0.987	0.00000489	0.00354	0.00173	0.00332	0.000384
2067 May	0.06	0.0000372	19	36.2	0.232	0.00736	28.7	0.0354	0.0331	0.000317	0.00198	0.00124	0.995	0.00000493	0.00356	0.00174	0.00335	0.000387
2067 Jun	0.0592	0.0000352	17.9	34.1	0.221	0.00694	26.9	0.0333	0.0326	0.000319	0.00187	0.00117	0.94	0.00000471	0.00335	0.00167	0.0032	0.000368
2067 Jul	0.062	0.0000373	19	36.2	0.234	0.00737	28.2	0.0353	0.034	0.000333	0.00198	0.00125	0.997	0.00000499	0.00355	0.00176	0.00338	0.000395
2067 Aug	0.0629	0.0000384	19.7	37.4	0.241	0.00763	28.6	0.0365	0.0344	0.000336	0.00205	0.00129	1.03	0.00000515	0.00367	0.00181	0.00347	0.000412
2067 Sep	0.0631	0.000039	20.1	38	0.245	0.00777	28.7	0.0371	0.0344	0.000335	0.00208	0.00132	1.05	0.00000522	0.00374	0.00183	0.00351	0.00042
2067 Oct	0.0613	0.0000383	19.7	37.4	0.24	0.00765	27.9	0.0365	0.0335	0.000323	0.00205	0.00129	1.03	0.00000513	0.00368	0.00179	0.00344	0.000413
2067 Nov	0.0611	0.0000382	19.7	37.4	0.24	0.00764	27.7	0.0365	0.0334	0.000321	0.00204	0.00129	1.03	0.00000512	0.00368	0.00179	0.00343	0.000412
2067 Dec	0.0611	0.0000383	19.7	37.4	0.24	0.00765	27.7	0.0365	0.0335	0.000321	0.00205	0.00129	1.03	0.00000512	0.00368	0.00179	0.00344	0.000412
2068 Jan	0.0611	0.0000383	19.7	37.4	0.24	0.00765	27.7	0.0365	0.0335	0.000321	0.00205	0.00129	1.03	0.00000512	0.00368	0.00179	0.00344	0.000412
2068 Feb	0.0611	0.0000383	19.7	37.4	0.24	0.00765	27.7	0.0365	0.0335	0.000321	0.00205	0.00129	1.03	0.00000512	0.00368	0.00179	0.00344	0.000412
2068 Mar	0.0612	0.0000383	19.8	37.5	0.24	0.00766	27.8	0.0366	0.0335	0.000321	0.00205	0.0013	1.03	0.00000513	0.00369	0.00179	0.00344	0.000413
2068 Apr	0.0617	0.0000386	19.9	37.7	0.242	0.00772	27.9	0.0368	0.0338	0.000324	0.00206	0.00131	1.04	0.00000517	0.00371	0.0018	0.00347	0.000416
2068 May	0.0626	0.0000386	19.9	37.7	0.243	0.00771	27.9	0.0368	0.0342	0.000332	0.00206	0.00131	1.04	0.00000518	0.00371	0.00181	0.00348	0.000416
2068 Jun	0.0598	0.0000336	17.2	32.6	0.215	0.00664	23.9	0.0316	0.0323	0.000336	0.00178	0.00113	0.9	0.00000457	0.00318	0.00162	0.00308	0.000363
2068 Jul	0.0607	0.0000346	17.8	33.7	0.221	0.00687	24.2	0.0327	0.0326	0.000339	0.00184	0.00117	0.929	0.00000471	0.00329	0.00167	0.00317	0.000379
2068 Aug	0.0633	0.0000366	18.9	35.7	0.234	0.0073	25.2	0.0346	0.0338	0.000352	0.00195	0.00125	0.985	0.00000498	0.00349	0.00175	0.00333	0.000405
2068 Sep	0.063	0.0000369	19.1	36	0.236	0.00737	25.1	0.035	0.0336	0.000349	0.00197	0.00126	0.993	0.00000501	0.00352	0.00176	0.00335	0.000408
2068 Oct	0.0629	0.0000371	19.2	36.3	0.237	0.00742	25.1	0.0352	0.0336	0.000347	0.00198	0.00127	1	0.00000503	0.00355	0.00177	0.00336	0.00041
2068 Nov	0.063	0.0000372	19.3	36.4	0.238	0.00746	25.1	0.0354	0.0336	0.000348	0.00199	0.00127	1	0.00000505	0.00357	0.00178	0.00337	0.000412
2068 Dec	0.0631	0.0000373	19.3	36.5	0.238	0.00746	25.1	0.0354	0.0337	0.000348	0.00199	0.00127	1.01	0.00000505	0.00357	0.00178	0.00337	0.000412
2069 Jan	0.0631	0.0000373	19.3	36.5	0.238	0.00746	25.1	0.0354	0.0337	0.000348	0.00199	0.00127	1.01	0.00000505	0.00357	0.00178	0.00337	0.000412
2069 Feb	0.0631	0.0000373	19.3	36.5	0.238	0.00746	25.1	0.0354	0.0337	0.000348	0.00199	0.00127	1.01	0.00000505	0.00357	0.00178	0.00337	0.000412
2069 Mar	0.0631	0.0000373	19.3	36.5	0.238	0.00747	25.1	0.0354	0.0337	0.000348	0.00199	0.00127	1.01	0.00000505	0.00357	0.00178	0.00337	0.000412
2069 Apr	0.0632	0.0000374	19.3	36.6	0.239	0.00748	25.2	0.0355	0.0337	0.000349	0.002	0.00127	1.01	0.00000506	0.00358	0.00178	0.00338	0.000413
2069 May	0.0643	0.000038	19.7	37.2	0.243	0.0076	25.6	0.0361	0.0343	0.000354	0.00203	0.0013	1.02	0.00000515	0.00364	0.00181	0.00344	0.00042
2069 Jun	0.0614	0.0000356	18.4	34.6	0.227	0.00708	23.6	0.0335	0.0335	0.000334	0.0019	0.00121	0.954	0.00000488	0.00338	0.0017	0.00328	0.000396
2069 Jul	0.0629	0.000037	19.1	36	0.236	0.00739	24.2	0.0349	0.0343	0.00034	0.00197	0.00127	0.992	0.00000509	0.00352	0.00176	0.0034	0.000418

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0642	0.0000384	19.9	37.5	0.245	0.0077	24.8	0.0363	0.0349	0.000346	0.00205	0.00132	1.03	0.00000527	0.00366	0.00182	0.00351	0.000438
2069 Sep	0.0623	0.0000377	19.6	36.8	0.24	0.00758	24	0.0357	0.0339	0.000332	0.00202	0.0013	1.01	0.00000517	0.00361	0.00178	0.00343	0.00043
2069 Oct	0.0592	0.0000362	18.8	35.3	0.229	0.00728	22.6	0.0343	0.0327	0.00031	0.00193	0.00124	0.972	0.00000496	0.00346	0.0017	0.00328	0.000412
2069 Nov	0.059	0.0000361	18.8	35.3	0.229	0.00727	22.5	0.0342	0.0326	0.000308	0.00193	0.00124	0.971	0.00000495	0.00346	0.00169	0.00328	0.000411
2069 Dec	0.0591	0.0000361	18.8	35.3	0.229	0.00727	22.5	0.0342	0.0327	0.000308	0.00193	0.00124	0.971	0.00000495	0.00346	0.00169	0.00328	0.000411
2070 Jan	0.0591	0.0000361	18.8	35.3	0.229	0.00727	22.5	0.0342	0.0327	0.000308	0.00193	0.00124	0.971	0.00000495	0.00346	0.00169	0.00328	0.000411
2070 Feb	0.0591	0.0000361	18.8	35.3	0.229	0.00727	22.5	0.0342	0.0327	0.000308	0.00193	0.00124	0.972	0.00000495	0.00346	0.00169	0.00328	0.000411
2070 Mar	0.0591	0.0000362	18.8	35.3	0.229	0.00728	22.5	0.0343	0.0327	0.000308	0.00193	0.00124	0.972	0.00000496	0.00346	0.00169	0.00328	0.000412
2070 Apr	0.0593	0.0000363	18.9	35.4	0.23	0.00731	22.6	0.0344	0.0328	0.000309	0.00194	0.00125	0.976	0.00000498	0.00347	0.0017	0.00329	0.000413
2070 May	0.0604	0.0000364	18.9	35.5	0.231	0.00732	22.7	0.0345	0.0333	0.000318	0.00194	0.00125	0.979	0.000005	0.00348	0.00171	0.00331	0.000415
2070 Jun	0.0607	0.0000345	17.8	33.5	0.221	0.00688	21.4	0.0324	0.0331	0.000332	0.00183	0.00118	0.925	0.00000477	0.00327	0.00165	0.00317	0.000392
2070 Jul	0.0629	0.000036	18.7	35.1	0.231	0.00722	22.2	0.0339	0.0343	0.000343	0.00192	0.00124	0.968	0.00000499	0.00342	0.00172	0.00331	0.000412
2070 Aug	0.0641	0.0000375	19.6	36.6	0.241	0.00755	22.7	0.0354	0.0347	0.000348	0.002	0.0013	1.01	0.00000519	0.00357	0.00178	0.00342	0.000436
2070 Sep	0.0629	0.0000372	19.5	36.4	0.239	0.00752	22.2	0.0352	0.0341	0.000339	0.00199	0.00129	1	0.00000515	0.00356	0.00176	0.00338	0.000433
2070 Oct	0.0614	0.0000365	19.1	35.7	0.234	0.00737	21.6	0.0345	0.0335	0.000328	0.00195	0.00126	0.984	0.00000504	0.00349	0.00172	0.00331	0.000424
2070 Nov	0.0613	0.0000365	19	35.7	0.233	0.00736	21.5	0.0345	0.0335	0.000327	0.00195	0.00126	0.983	0.00000504	0.00348	0.00172	0.00331	0.000423
2070 Dec	0.0613	0.0000365	19	35.7	0.233	0.00736	21.5	0.0345	0.0335	0.000327	0.00195	0.00126	0.983	0.00000504	0.00348	0.00172	0.00331	0.000423
2071 Jan	0.0613	0.0000365	19	35.7	0.233	0.00736	21.5	0.0345	0.0335	0.000327	0.00195	0.00126	0.983	0.00000504	0.00348	0.00172	0.00331	0.000423
2071 Feb	0.0613	0.0000365	19	35.7	0.233	0.00736	21.5	0.0345	0.0335	0.000327	0.00195	0.00126	0.983	0.00000504	0.00348	0.00172	0.00331	0.000423
2071 Mar	0.0614	0.0000365	19	35.7	0.233	0.00737	21.5	0.0345	0.0335	0.000327	0.00195	0.00126	0.983	0.00000504	0.00348	0.00172	0.00331	0.000423
2071 Apr	0.0615	0.0000365	19.1	35.7	0.234	0.00738	21.6	0.0346	0.0336	0.000327	0.00195	0.00126	0.985	0.00000505	0.00349	0.00173	0.00331	0.000424
2071 May	0.0618	0.0000364	19	35.6	0.233	0.00734	21.4	0.0344	0.0337	0.000331	0.00194	0.00126	0.98	0.00000503	0.00347	0.00172	0.0033	0.000422
2071 Jun	0.0599	0.0000337	17.5	32.8	0.217	0.00677	19.7	0.0316	0.0326	0.000328	0.00179	0.00116	0.907	0.0000047	0.00319	0.00162	0.0031	0.000392
2071 Jul	0.061	0.0000346	18.1	33.8	0.224	0.00697	20.1	0.0325	0.0332	0.000333	0.00184	0.0012	0.932	0.00000485	0.00328	0.00166	0.00318	0.000408
2071 Aug	0.0627	0.0000362	19	35.5	0.235	0.00734	20.7	0.0341	0.0339	0.000341	0.00194	0.00127	0.978	0.00000508	0.00345	0.00173	0.00331	0.000435
2071 Sep	0.0613	0.000036	19	35.3	0.233	0.00732	20.3	0.034	0.0331	0.000331	0.00193	0.00126	0.974	0.00000504	0.00344	0.00171	0.00328	0.000433
2071 Oct	0.0604	0.0000356	18.8	35	0.23	0.00726	20	0.0337	0.0327	0.000325	0.00191	0.00125	0.965	0.00000499	0.00341	0.00169	0.00324	0.000429
2071 Nov	0.0602	0.0000356	18.7	34.9	0.23	0.00724	19.9	0.0336	0.0326	0.000323	0.0019	0.00125	0.963	0.00000497	0.0034	0.00169	0.00323	0.000427
2071 Dec	0.0602	0.0000356	18.7	34.9	0.23	0.00724	19.9	0.0336	0.0326	0.000323	0.0019	0.00125	0.963	0.00000497	0.0034	0.00168	0.00323	0.000427
2072 Jan	0.0602	0.0000356	18.7	34.9	0.23	0.00724	19.9	0.0336	0.0326	0.000323	0.0019	0.00125	0.963	0.00000497	0.0034	0.00168	0.00323	0.000427
2072 Feb	0.0602	0.0000356	18.7	34.9	0.23	0.00724	19.9	0.0336	0.0326	0.000323	0.0019	0.00125	0.963	0.00000497	0.0034	0.00169	0.00323	0.000427
2072 Mar	0.0602	0.0000356	18.7	34.9	0.23	0.00724	19.9	0.0336	0.0326	0.000323	0.0019	0.00125	0.963	0.00000498	0.0034	0.00169	0.00323	0.000427
2072 Apr	0.0604	0.0000357	18.8	35	0.23	0.00726	19.9	0.0337	0.0327	0.000324	0.00191	0.00125	0.966	0.00000499	0.00341	0.00169	0.00324	0.000429
2072 May	0.0613	0.0000362	19.1	35.5	0.234	0.00737	20.2	0.0342	0.0332	0.000328	0.00194	0.00127	0.98	0.00000506	0.00346	0.00171	0.00329	0.000435
2072 Jun	0.0597	0.000035	18.4	34.2	0.225	0.00709	19.4	0.0329	0.033	0.000315	0.00187	0.00122	0.942	0.00000493	0.00333	0.00166	0.00322	0.000422
2072 Jul	0.0604	0.0000357	18.8	34.8	0.229	0.00724	19.5	0.0335	0.0335	0.000316	0.0019	0.00125	0.96	0.00000504	0.00339	0.00168	0.00328	0.000434
2072 Aug	0.0594	0.0000358	18.9	35	0.23	0.00731	19.2	0.0336	0.0331	0.000305	0.00191	0.00127	0.964	0.00000509	0.00341	0.00167	0.00328	0.000445
2072 Sep	0.058	0.0000356	18.9	34.9	0.229	0.00731	18.8	0.0335	0.0323	0.000294	0.00191	0.00126	0.962	0.00000507	0.0034	0.00165	0.00325	0.000446
2072 Oct	0.0563	0.0000346	18.3	33.9	0.222	0.0071	18.1	0.0326	0.0316	0.000282	0.00185	0.00123	0.934	0.00000492	0.0033	0.0016	0.00315	0.000431
2072 Nov	0.0561	0.0000346	18.3	33.8	0.221	0.00708	18	0.0325	0.0316	0.000281	0.00185	0.00122	0.932	0.0000049	0.0033	0.0016	0.00315	0.000429
2072 Dec	0.0561	0.0000346	18.3	33.8	0.221	0.00708	18	0.0325	0.0316	0.000281	0.00185	0.00122	0.932	0.0000049	0.0033	0.0016	0.00315	0.000429
2073 Jan	0.0561	0.0000346	18.3	33.8	0.221	0.00708	18	0.0325	0.0316	0.000281	0.00185	0.00122	0.932	0.0000049	0.0033	0.0016	0.00315	0.000429
2073 Feb	0.0561	0.0000346	18.3	33.8	0.221	0.00708	18	0.0325	0.0316	0.000281	0.00185	0.00122	0.932	0.00000491	0.0033	0.0016	0.00315	0.000429
2073 Mar	0.0562	0.0000346	18.3	33.8	0.221	0.00708	18	0.0326	0.0316	0.000281	0.00185	0.00122	0.932	0.00000491	0.0033	0.0016	0.00315	0.000429
2073 Apr	0.0565	0.0000348	18.4	34.1	0.222	0.00713	18.1	0.0328	0.0318	0.000283	0.00186	0.00123	0.938	0.00000494	0.00332	0.00161	0.00317	0.000432
2073 May	0.0577	0.0000346	18.2	33.8	0.222	0.00706	17.9	0.0325	0.0322	0.000296	0.00185	0.00122	0.932	0.0000049	0.00329	0.00162	0.00316	0.000424
2073 Jun	0.0578	0.0000329	17.2	32	0.212	0.00664	16.8	0.0307	0.0319	0.00031	0.00174	0.00115	0.883	0.00000466	0.0031	0.00156	0.00302	0.000397
2073 Jul	0.0591	0.000034	17.9	33.1	0.22	0.00689	17.2	0.0318	0.0324	0.000316	0.00181	0.00119	0.915	0.00000482	0.00322	0.00161	0.00312	0.000416
2073 Aug	0.0603	0.0000354	18.7	34.7	0.23	0.00724	17.6	0.0333	0.0328	0.00032	0.00189	0.00125	0.958	0.00000503	0.00337	0.00167	0.00323	0.000439
2073 Sep	0.0596	0.0000356	18.9	35	0.231	0.00731	17.5	0.0337	0.0324	0.000316	0.00191	0.00126	0.966	0.00000504	0.00341	0.00168	0.00324	0.000442
2073 Oct	0.0582	0.000035	18.5	34.4	0.226	0.00717	17	0.0331	0.0317	0.000306	0.00187	0.00124	0.948	0.00000494	0.00335	0.00164	0.00317	0.000431
2073 Nov	0.0579	0.0000349	18.4	34.2	0.225	0.00714	16.9	0.0329	0.0317	0.000304	0.00187	0.00123	0.944	0.00000491	0.00334	0.00163	0.00316	0.000428
2073 Dec	0.058	0.0000349	18.5	34.3	0.225	0.00714	16.9	0.033	0.0317	0.000304	0.00187	0.00123	0.945	0.00000492	0.00334	0.00163	0.00316	0.000428
2074 Jan	0.058	0.0000349	18.5	34.3	0.225	0.00714	16.9	0.033	0.0317	0.000303	0.00187	0.00123	0.945	0.00000492	0.00334	0.00163	0.00316	0.000428
2074 Feb	0.058	0.0000349	18.5	34.3	0.225	0.00715	16.9	0.033	0.0317	0.000304	0.00187	0.00123	0.945	0.00000492	0.00334	0.00163	0.00316	0.000428
2074 Mar	0.058	0.0000349	18.5	34.3	0.225	0.00715	16.9	0.033	0.0317	0.000304	0.00187	0.00123	0.946	0.00000492	0.00334	0.00163	0.00316	0.000428
2074 Apr	0.0583	0.0000351	18.6	34.5	0.226	0.00719	17	0.0332	0.0319	0.000305	0.00188	0.00124	0.95	0.00000494	0.00336	0.00164	0.00318	0.000431
2074 May	0.06	0.0000346	18.2	33.9	0.224	0.00703	16.6	0.0326	0.0325	0.000325	0.00184	0.00121	0.935	0.00000487	0.00329	0.00164	0.00315	0.000419
2074 Jun	0.0593	0.0000316	16.5	30.8	0.208	0.00634	15	0.0294	0.0315	0.00034	0.00167	0.0011	0.852	0.00000446	0.00297	0.00154	0.00291	0.000376
2074 Jul	0.0615	0.0000333	17.5	32.6	0.219	0.00674	15.6	0.0312	0.0324	0.000352	0.00177	0.00117	0.902	0.00000471	0.00315	0.00162	0.00306	0.000402
2074 Aug	0.0639	0.0000354	18.7	34.8	0.233	0.0072	16.2	0.0333	0.0334	0.000365	0.00189	0.00125	0.962	0.00000498	0.00337	0.00172	0.00323	0.00043
2074 Sep	0.0626	0.0000353	18.6	34.8	0.232	0.00719	15.9	0.0334	0.0327	0.000354	0.00189	0.00124	0.961	0.00000494	0.00338	0.0017	0.0032	0.000424
2074 Oct	0.0614	0.0000351	18.5	34.7	0.23	0.00716	15.6	0.0334	0.0321	0.000345	0.00188	0.00123	0.957	0.00000489	0.00337	0.00169	0.00317	0.000418
2074 Nov	0.061	0.0000353	18.6	34.8	0.23	0.00718	15.5	0.0336	0.0318	0.000342	0.00189	0.00123	0.961	0.00000488	0.00339	0.00169	0.00317	0.000416
2074 Dec	0.0609	0.0000353	18.6	34.8	0.23	0.00719	15.5	0.0336	0.0318	0.000342	0.00189	0.00123	0.961	0.00000488	0.00339	0.00169	0.00317	0.000415
2075 Jan	0.0609	0.0000353	18.6	34.9	0.23	0.00719	15.5	0.0336	0.0318	0.000342	0.00189	0.00123	0.961	0.00000488	0.00339	0.00169	0.00317	0.000415
2075 Feb	0.061	0.0000353	18.6	34.9	0.23	0.00719	15.5	0.0336	0.0318	0.000342	0.00189	0.00124	0.962	0.00000488	0.0034	0.00169	0.00317	0.000415
2075 Mar	0.061	0.0000353	18.6	34.9	0.23	0.0072	15.5	0.0336	0.0319	0.000342	0.0019	0.00124	0.963	0.00000488	0.0034	0.00169	0.00317	0.000416
2075 Apr	0.0613	0.0000355	18.7	35.1	0.232	0.00723	15.6	0.0338	0.032	0.000344	0.0019	0.00124	0.967	0.00000491	0.00341	0.0017	0.00319	0.000418
2075 May	0.0619	0.0000361	19	35.6	0.235	0.00734	15.7	0.0344	0.0323	0.000347	0.00193	0.00126	0.982	0.00000496	0.00347	0.00173	0.00323	0.000421
2075 Jun	0.0584	0.0000337	17.6	32.9	0.217	0.00679	14.5	0.0318	0.0315	0.00032	0.0018	0.00117	0.909	0.00000468	0.00321	0.00161	0.00308	0.000394
2075 Jul	0.0588	0.000034	17.7	33.1	0.219	0.00685	14.5	0.0319	0.032	0.000319	0.00181	0.00118	0.914	0.00000474	0.00323	0.00162	0.00312	0.0004
2075 Aug	0.0599	0.0000352	18.5	34.5	0.227	0.00714	14.8	0.0332	0.0324	0.000323	0.00188	0.00123	0.951	0.00000493	0.00336	0.00167	0.00322	0.000421
2075 Sep	0.0603	0.0000358	18.8	35.1	0.231	0.00728	15	0.0338	0.0325	0.000324	0.00192	0.00126	0.968	0.00000501	0.00342	0.0017	0.00327	0.00043
2075 Oct	0.0598	0.0000357	18.8	35	0.23	0.00726	14.9	0.0338	0.0323	0.00032	0.00191	0.00125	0.966	0.00000498	0.00342	0.00169	0.00325	0.000428
2075 Nov	0.0597	0.0000357	18.8	35.1	0.23	0.00727	14.8	0.0338	0.0323	0.00032	0.00192	0.00125	0.967	0.00000499	0.00342	0.00169	0.00325	0.000428
2075 Dec	0.0597	0.0000357	18.8	35.1	0.23	0.00727	14.8	0.0338	0.0323	0.000319	0.00192	0.00125	0.967	0.00000499	0.00342	0.00169	0.00325	0.000428

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0597	0.0000357	18.8	35.1	0.23	0.00727	14.8	0.0338	0.0323	0.000319	0.00192	0.00125	0.967	0.00000499	0.00342	0.00169	0.00325	0.000428
2076 Feb	0.0598	0.0000357	18.8	35.1	0.23	0.00727	14.8	0.0338	0.0323	0.000319	0.00192	0.00125	0.967	0.00000499	0.00342	0.00169	0.00325	0.000428
2076 Mar	0.0598	0.0000358	18.8	35.1	0.231	0.00728	14.9	0.0339	0.0324	0.00032	0.00192	0.00125	0.968	0.00000499	0.00343	0.00169	0.00326	0.000428
2076 Apr	0.06	0.0000359	18.9	35.2	0.231	0.0073	14.9	0.034	0.0324	0.000321	0.00192	0.00126	0.971	0.00000501	0.00344	0.0017	0.00327	0.00043
2076 May	0.061	0.0000361	19	35.4	0.233	0.00733	15	0.0341	0.0329	0.000329	0.00193	0.00126	0.975	0.00000504	0.00345	0.00171	0.00329	0.000432
2076 Jun	0.059	0.0000333	17.5	32.5	0.216	0.00673	13.9	0.0312	0.0319	0.000325	0.00178	0.00117	0.898	0.00000471	0.00315	0.0016	0.00308	0.000402
2076 Jul	0.0601	0.0000342	18.1	33.5	0.223	0.00696	14.2	0.0321	0.0325	0.000329	0.00183	0.00121	0.925	0.00000487	0.00325	0.00164	0.00317	0.000421
2076 Aug	0.0621	0.0000361	19.2	35.5	0.236	0.0074	14.7	0.034	0.0332	0.000338	0.00194	0.00129	0.979	0.00000514	0.00344	0.00172	0.00332	0.000454
2076 Sep	0.0626	0.0000367	19.6	36.2	0.24	0.00754	14.9	0.0347	0.0334	0.00034	0.00198	0.00131	0.997	0.00000522	0.00351	0.00175	0.00337	0.000461
2076 Oct	0.0611	0.000036	19.2	35.5	0.235	0.00739	14.5	0.034	0.0328	0.00033	0.00194	0.00128	0.978	0.00000512	0.00345	0.00171	0.0033	0.000451
2076 Nov	0.0609	0.0000359	19.1	35.4	0.234	0.00737	14.4	0.0339	0.0327	0.000328	0.00193	0.00128	0.975	0.0000051	0.00344	0.00171	0.00329	0.000448
2076 Dec	0.0609	0.0000359	19.1	35.4	0.234	0.00737	14.4	0.034	0.0327	0.000327	0.00193	0.00128	0.976	0.0000051	0.00344	0.00171	0.00329	0.000448
2077 Jan	0.0609	0.000036	19.1	35.4	0.234	0.00737	14.4	0.034	0.0327	0.000327	0.00193	0.00128	0.976	0.0000051	0.00344	0.00171	0.00329	0.000448
2077 Feb	0.0609	0.000036	19.1	35.4	0.234	0.00737	14.4	0.034	0.0327	0.000328	0.00193	0.00128	0.976	0.0000051	0.00344	0.00171	0.00329	0.000448
2077 Mar	0.0609	0.000036	19.1	35.4	0.234	0.00738	14.4	0.034	0.0327	0.000328	0.00193	0.00128	0.976	0.0000051	0.00344	0.00171	0.00329	0.000448
2077 Apr	0.0611	0.0000361	19.2	35.5	0.235	0.0074	14.5	0.0341	0.0329	0.000329	0.00194	0.00128	0.979	0.00000512	0.00345	0.00171	0.0033	0.00045
2077 May	0.062	0.0000361	19.1	35.5	0.235	0.00739	14.5	0.034	0.0332	0.000336	0.00194	0.00128	0.979	0.00000512	0.00345	0.00172	0.00331	0.000449
2077 Jun	0.0608	0.0000333	17.6	32.6	0.219	0.00676	13.4	0.0311	0.0324	0.000343	0.00178	0.00118	0.9	0.00000476	0.00315	0.00162	0.00309	0.000413
2077 Jul	0.063	0.0000348	18.5	34.1	0.23	0.0071	13.9	0.0326	0.0334	0.000354	0.00186	0.00124	0.943	0.00000499	0.0033	0.00169	0.00323	0.000438
2077 Aug	0.0649	0.0000366	19.6	36.1	0.242	0.00753	14.5	0.0344	0.0341	0.000363	0.00197	0.00132	0.996	0.00000526	0.00349	0.00177	0.00338	0.00047
2077 Sep	0.0624	0.0000357	19.1	35.3	0.236	0.00737	13.9	0.0337	0.0329	0.000346	0.00192	0.00129	0.974	0.00000512	0.00342	0.00172	0.00328	0.000458
2077 Oct	0.0618	0.0000356	19	35.1	0.234	0.00733	13.8	0.0335	0.0327	0.000341	0.00191	0.00128	0.969	0.00000509	0.0034	0.00171	0.00326	0.000453
2077 Nov	0.0619	0.0000356	19	35.2	0.235	0.00734	13.8	0.0336	0.0328	0.00034	0.00192	0.00128	0.97	0.00000509	0.00341	0.00171	0.00327	0.000453
2077 Dec	0.0619	0.0000356	19	35.2	0.235	0.00734	13.8	0.0336	0.0328	0.00034	0.00192	0.00128	0.971	0.0000051	0.00341	0.00171	0.00327	0.000453
2078 Jan	0.0619	0.0000356	19	35.2	0.235	0.00734	13.8	0.0336	0.0328	0.00034	0.00192	0.00128	0.971	0.0000051	0.00341	0.00171	0.00327	0.000453
2078 Feb	0.0619	0.0000356	19	35.2	0.235	0.00734	13.8	0.0336	0.0329	0.000341	0.00192	0.00128	0.971	0.0000051	0.00341	0.00171	0.00327	0.000453
2078 Mar	0.062	0.0000357	19.1	35.2	0.235	0.00734	13.8	0.0336	0.0329	0.000341	0.00192	0.00128	0.971	0.0000051	0.00341	0.00171	0.00327	0.000454
2078 Apr	0.0623	0.0000359	19.2	35.4	0.236	0.00739	13.8	0.0338	0.0331	0.000343	0.00193	0.00129	0.977	0.00000513	0.00343	0.00172	0.00329	0.000456
2078 May	0.0634	0.0000351	18.7	34.5	0.232	0.00718	13.5	0.0329	0.0334	0.000358	0.00188	0.00125	0.954	0.00000502	0.00334	0.0017	0.00324	0.000441
2078 Jun	0.0621	0.0000327	17.3	32	0.218	0.00664	12.6	0.0305	0.0324	0.000361	0.00174	0.00116	0.886	0.00000469	0.00308	0.00161	0.00304	0.000409
2078 Jul	0.0645	0.0000344	18.4	33.9	0.231	0.00704	13.2	0.0322	0.0335	0.000374	0.00184	0.00123	0.937	0.00000496	0.00326	0.0017	0.00319	0.000439
2078 Aug	0.0652	0.0000357	19.1	35.3	0.239	0.00735	13.4	0.0336	0.0336	0.000377	0.00192	0.00129	0.976	0.00000513	0.00341	0.00175	0.00329	0.000458
2078 Sep	0.0654	0.0000363	19.5	36	0.243	0.00749	13.5	0.0343	0.0335	0.000376	0.00196	0.00131	0.994	0.00000519	0.00348	0.00177	0.00333	0.000464
2078 Oct	0.0644	0.0000362	19.4	35.9	0.241	0.00746	13.3	0.0343	0.0331	0.000369	0.00195	0.0013	0.991	0.00000515	0.00347	0.00176	0.0033	0.000459
2078 Nov	0.0643	0.0000361	19.4	35.8	0.241	0.00745	13.3	0.0342	0.033	0.000368	0.00195	0.0013	0.99	0.00000514	0.00347	0.00176	0.0033	0.000458
2078 Dec	0.0643	0.0000361	19.4	35.8	0.241	0.00745	13.3	0.0342	0.0331	0.000368	0.00195	0.0013	0.99	0.00000514	0.00347	0.00176	0.0033	0.000458
2079 Jan	0.0643	0.0000362	19.4	35.9	0.241	0.00746	13.3	0.0343	0.0331	0.000368	0.00195	0.0013	0.99	0.00000514	0.00347	0.00176	0.0033	0.000458
2079 Feb	0.0643	0.0000362	19.4	35.9	0.241	0.00746	13.3	0.0343	0.033	0.000368	0.00195	0.0013	0.99	0.00000514	0.00347	0.00176	0.0033	0.000458
2079 Mar	0.0643	0.0000362	19.4	35.9	0.241	0.00746	13.3	0.0343	0.0331	0.000368	0.00195	0.0013	0.991	0.00000515	0.00347	0.00176	0.0033	0.000458
2079 Apr	0.0645	0.0000363	19.4	36	0.242	0.00749	13.3	0.0344	0.0332	0.000369	0.00196	0.0013	0.994	0.00000516	0.00348	0.00176	0.00331	0.000459
2079 May	0.0654	0.0000368	19.7	36.5	0.245	0.00759	13.5	0.0349	0.0336	0.000374	0.00198	0.00132	1.01	0.00000523	0.00353	0.00179	0.00336	0.000465
2079 Jun	0.0612	0.0000335	17.8	32.8	0.221	0.00682	12.2	0.0313	0.0324	0.000346	0.00179	0.00119	0.907	0.0000048	0.00317	0.00163	0.00312	0.00042
2079 Jul	0.0612	0.0000338	17.9	33.1	0.223	0.00688	12.2	0.0316	0.0325	0.000344	0.00181	0.0012	0.914	0.00000485	0.0032	0.00164	0.00314	0.000425
2079 Aug	0.0626	0.0000353	18.9	34.8	0.234	0.00725	12.6	0.0332	0.033	0.00035	0.0019	0.00127	0.96	0.00000508	0.00336	0.00171	0.00327	0.000452
2079 Sep	0.0613	0.0000352	18.8	34.7	0.232	0.00724	12.3	0.0332	0.0323	0.00034	0.0019	0.00126	0.958	0.00000504	0.00336	0.00169	0.00324	0.000449
2079 Oct	0.0604	0.0000349	18.6	34.4	0.23	0.00717	12.1	0.0329	0.032	0.000333	0.00188	0.00125	0.949	0.00000498	0.00334	0.00167	0.00321	0.000443
2079 Nov	0.06	0.0000347	18.5	34.2	0.228	0.00713	12.1	0.0327	0.0319	0.00033	0.00187	0.00124	0.944	0.00000495	0.00332	0.00166	0.00319	0.00044
2079 Dec	0.0598	0.0000345	18.4	34	0.227	0.0071	12	0.0326	0.0318	0.000328	0.00186	0.00124	0.939	0.00000493	0.0033	0.00166	0.00317	0.000437
2080 Jan	0.0598	0.0000345	18.4	34	0.227	0.0071	12	0.0326	0.0318	0.000328	0.00186	0.00124	0.939	0.00000493	0.0033	0.00165	0.00317	0.000437
2080 Feb	0.0598	0.0000345	18.4	34	0.227	0.0071	12	0.0326	0.0319	0.000328	0.00186	0.00124	0.939	0.00000493	0.0033	0.00166	0.00317	0.000437
2080 Mar	0.0598	0.0000345	18.4	34	0.227	0.0071	12	0.0326	0.0319	0.000328	0.00186	0.00124	0.939	0.00000493	0.0033	0.00166	0.00317	0.000437
2080 Apr	0.06	0.0000346	18.5	34.1	0.227	0.00712	12	0.0326	0.0319	0.000329	0.00186	0.00124	0.942	0.00000494	0.00331	0.00166	0.00318	0.000438
2080 May	0.0609	0.0000351	18.7	34.6	0.231	0.00722	12.2	0.0331	0.0324	0.000333	0.00189	0.00126	0.956	0.00000502	0.00336	0.00168	0.00323	0.000445
2080 Jun	0.0589	0.0000338	17.9	33.1	0.221	0.00691	11.7	0.0317	0.032	0.000318	0.00181	0.0012	0.914	0.00000485	0.00321	0.00162	0.00314	0.000427
2080 Jul	0.0583	0.0000339	18.1	33.3	0.222	0.00696	11.6	0.0318	0.0318	0.000311	0.00182	0.00122	0.918	0.00000489	0.00322	0.00162	0.00315	0.000436
2080 Aug	0.059	0.0000349	18.7	34.4	0.228	0.00721	11.8	0.0328	0.032	0.000312	0.00188	0.00126	0.948	0.00000504	0.00333	0.00166	0.00324	0.000453
2080 Sep	0.0582	0.000035	18.8	34.5	0.229	0.00724	11.7	0.033	0.0315	0.000305	0.00189	0.00126	0.951	0.00000504	0.00335	0.00165	0.00323	0.000455
2080 Oct	0.0575	0.0000349	18.7	34.5	0.228	0.00724	11.6	0.033	0.0312	0.000301	0.00189	0.00126	0.95	0.00000502	0.00335	0.00165	0.00321	0.000452
2080 Nov	0.0571	0.0000348	18.6	34.3	0.226	0.0072	11.5	0.0329	0.031	0.000298	0.00188	0.00125	0.946	0.00000498	0.00334	0.00164	0.00319	0.000449
2080 Dec	0.0571	0.0000348	18.6	34.3	0.226	0.0072	11.5	0.0329	0.031	0.000297	0.00188	0.00125	0.946	0.00000498	0.00334	0.00164	0.00319	0.000448
2081 Jan	0.0571	0.0000348	18.6	34.3	0.226	0.0072	11.5	0.0329	0.031	0.000298	0.00188	0.00125	0.946	0.00000498	0.00334	0.00164	0.00319	0.000448
2081 Feb	0.0571	0.0000348	18.6	34.3	0.226	0.0072	11.5	0.0329	0.031	0.000298	0.00188	0.00125	0.946	0.00000498	0.00334	0.00164	0.00319	0.000448
2081 Mar	0.0571	0.0000348	18.6	34.3	0.226	0.0072	11.5	0.0329	0.031	0.000298	0.00188	0.00125	0.946	0.00000499	0.00334	0.00164	0.00319	0.000449
2081 Apr	0.0573	0.0000349	18.7	34.5	0.227	0.00723	11.5	0.033	0.0311	0.000299	0.00189	0.00126	0.949	0.0000051	0.00335	0.00164	0.00321	0.00045
2081 May	0.0586	0.0000347	18.5	34.1	0.227	0.00715	11.5	0.0326	0.0317	0.000312	0.00187	0.00125	0.941	0.00000498	0.00331	0.00165	0.0032	0.000446
2081 Jun	0.0581	0.0000332	17.7	32.6	0.218	0.00682	11	0.0311	0.0313	0.000316	0.00178	0.00119	0.9	0.00000479	0.00315	0.00159	0.00308	0.000427
2081 Jul	0.0608	0.000035	18.8	34.5	0.231	0.00723	11.6	0.0329	0.0326	0.000329	0.00189	0.00127	0.952	0.00000508	0.00334	0.00168	0.00325	0.000458
2081 Aug	0.0631	0.0000371	20.1	36.8	0.246	0.00774	12.2	0.035	0.0335	0.00034	0.00201	0.00136	1.01	0.0000054	0.00356	0.00177	0.00343	0.000496
2081 Sep	0.0627	0.0000374	20.2	37.1	0.247	0.00781	12.2	0.0354	0.0333	0.000336	0.00203	0.00137	1.02	0.00000542	0.0036	0.00178	0.00344	0.000499
2081 Oct	0.0625	0.0000375	20.3	37.2	0.247	0.00782	12.1	0.0355	0.0331	0.000334	0.00203	0.00137	1.02	0.00000542	0.00361	0.00178	0.00344	0.000497
2081 Nov	0.0617	0.0000371	20	36.8	0.244	0.00773	11.9	0.0351	0.0328	0.000329	0.00201	0.00135	1.01	0.00000535	0.00357	0.00176	0.0034	0.00049
2081 Dec	0.0616	0.000037	20	36.7	0.244	0.00772	11.9	0.0351	0.0328	0.000328	0.00201	0.00135	1.01	0.00000534	0.00356	0.00175	0.00339	0.000489
2082 Jan	0.0616	0.000037	20	36.7	0.244	0.00772	11.9	0.0351	0.0328	0.000328	0.00201	0.00135	1.01	0.00000534	0.00356	0.00175	0.00339	0.000489
2082 Feb	0.0616	0.000037	20	36.7	0.244	0.00772	11.9	0.0351	0.0328	0.000328	0.00201	0.00135	1.01	0.00000534	0.00356	0.00175	0.00339	0.000489
2082 Mar	0.0616	0.000037	20	36.7	0.244	0.00772	11.9	0.0351	0.0328	0.000328	0.00201	0.00135	1.01	0.00000535	0.00356	0.00175	0.0034	0.00049
2082 Apr	0.0618	0.0000371	20.1	36.8	0.245	0.00774	12	0.0352	0.0329	0.000329	0.00201	0.00135	1.02	0.00000536	0.00357	0.00176	0.00341	0.000491
2082 May	0.0626	0.0000376	20.3	37.3	0.248	0.00785	12.1	0.0356	0.0333	0.000333	0.00204	0.00137	1.03	0.00000543	0.00362	0.00178	0.00345	0.000497

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.0581	0.0000347	18.6	34	0.226	0.00715	11	0.0325	0.032	0.000302	0.00187	0.00125	0.939	0.00000502	0.0033	0.00164	0.00323	0.000452
2082 Jul	0.0566	0.0000337	18	32.9	0.218	0.00692	10.6	0.0315	0.0317	0.00029	0.00181	0.00121	0.908	0.00000491	0.0032	0.00159	0.00317	0.000439
2082 Aug	0.0581	0.000035	18.8	34.3	0.228	0.00724	11	0.0328	0.0324	0.000295	0.00189	0.00127	0.946	0.00000512	0.00333	0.00165	0.00329	0.000466
2082 Sep	0.0583	0.0000355	19.1	34.9	0.231	0.00736	11.1	0.0332	0.0324	0.000295	0.00192	0.00129	0.96	0.0000052	0.00338	0.00167	0.00332	0.000476
2082 Oct	0.0564	0.0000345	18.5	33.8	0.224	0.00715	10.7	0.0323	0.0316	0.000282	0.00186	0.00125	0.931	0.00000505	0.00328	0.00161	0.00322	0.000462
2082 Nov	0.0564	0.0000345	18.5	33.8	0.224	0.00715	10.7	0.0323	0.0317	0.000281	0.00186	0.00125	0.932	0.00000505	0.00328	0.00161	0.00322	0.000461
2082 Dec	0.0564	0.0000345	18.5	33.8	0.224	0.00716	10.7	0.0323	0.0317	0.000281	0.00186	0.00125	0.933	0.00000505	0.00329	0.00161	0.00322	0.000461
2083 Jan	0.0564	0.0000345	18.5	33.9	0.224	0.00716	10.7	0.0323	0.0317	0.000281	0.00186	0.00125	0.933	0.00000505	0.00329	0.00161	0.00322	0.000461
2083 Feb	0.0564	0.0000345	18.5	33.9	0.224	0.00716	10.7	0.0323	0.0317	0.000281	0.00186	0.00125	0.933	0.00000505	0.00329	0.00161	0.00322	0.000461
2083 Mar	0.0565	0.0000346	18.6	33.9	0.224	0.00716	10.7	0.0323	0.0318	0.000281	0.00186	0.00125	0.934	0.00000506	0.00329	0.00161	0.00323	0.000462
2083 Apr	0.0567	0.0000347	18.6	34	0.225	0.00719	10.7	0.0325	0.0319	0.000283	0.00187	0.00126	0.937	0.00000507	0.0033	0.00162	0.00324	0.000464
2083 May	0.0578	0.0000348	18.6	34.1	0.226	0.00718	10.8	0.0325	0.0323	0.000294	0.00187	0.00126	0.939	0.00000508	0.0033	0.00163	0.00325	0.000461
2083 Jun	0.0567	0.0000321	17.1	31.4	0.211	0.00659	10	0.0298	0.0313	0.000301	0.00172	0.00116	0.866	0.00000471	0.00303	0.00154	0.00304	0.000423
2083 Jul	0.0576	0.0000331	17.7	32.4	0.217	0.00682	10.2	0.0307	0.0317	0.000304	0.00178	0.0012	0.893	0.00000487	0.00313	0.00158	0.00312	0.000444
2083 Aug	0.0579	0.000034	18.4	33.5	0.224	0.00707	10.4	0.0318	0.0317	0.000302	0.00184	0.00125	0.923	0.00000502	0.00324	0.00161	0.00319	0.000463
2083 Sep	0.0569	0.0000341	18.4	33.6	0.224	0.00709	10.2	0.032	0.0311	0.000295	0.00184	0.00125	0.925	0.000005	0.00325	0.00161	0.00317	0.000461
2083 Oct	0.0552	0.0000332	17.9	32.7	0.217	0.0069	9.89	0.0312	0.0304	0.000284	0.00179	0.00121	0.901	0.00000485	0.00317	0.00156	0.00308	0.000445
2083 Nov	0.0548	0.000033	17.8	32.5	0.215	0.00686	9.8	0.031	0.0302	0.00028	0.00178	0.0012	0.895	0.00000482	0.00315	0.00155	0.00306	0.00044
2083 Dec	0.0548	0.000033	17.8	32.5	0.215	0.00686	9.8	0.031	0.0302	0.00028	0.00178	0.0012	0.896	0.00000482	0.00315	0.00155	0.00306	0.00044
2084 Jan	0.0548	0.000033	17.8	32.5	0.215	0.00686	9.8	0.031	0.0302	0.00028	0.00178	0.0012	0.896	0.00000482	0.00315	0.00155	0.00306	0.00044
2084 Feb	0.0548	0.000033	17.8	32.5	0.216	0.00686	9.8	0.031	0.0302	0.00028	0.00178	0.0012	0.896	0.00000482	0.00315	0.00155	0.00306	0.00044
2084 Mar	0.0548	0.000033	17.8	32.5	0.216	0.00686	9.81	0.031	0.0303	0.000281	0.00178	0.0012	0.896	0.00000482	0.00315	0.00155	0.00306	0.000441
2084 Apr	0.0552	0.0000332	17.9	32.7	0.217	0.0069	9.86	0.0312	0.0304	0.000282	0.00179	0.00121	0.902	0.00000485	0.00317	0.00156	0.00308	0.000443
2084 May	0.0566	0.0000331	17.8	32.5	0.217	0.00685	9.87	0.031	0.031	0.000296	0.00178	0.0012	0.898	0.00000483	0.00315	0.00157	0.00308	0.000439
2084 Jun	0.0557	0.0000307	16.4	30	0.203	0.0063	9.26	0.0285	0.0303	0.000304	0.00164	0.00111	0.83	0.0000045	0.00289	0.00148	0.00289	0.000403
2084 Jul	0.0573	0.000032	17.2	31.4	0.212	0.00659	9.6	0.0298	0.031	0.000312	0.00172	0.00116	0.866	0.0000047	0.00302	0.00154	0.003	0.000426
2084 Aug	0.0584	0.0000334	18.1	33	0.222	0.00694	9.89	0.0313	0.0312	0.000316	0.0018	0.00122	0.91	0.0000049	0.00318	0.0016	0.00311	0.000451
2084 Sep	0.0578	0.0000336	18.2	33.2	0.223	0.00699	9.82	0.0316	0.0308	0.000312	0.00181	0.00123	0.916	0.00000491	0.00321	0.0016	0.00311	0.000451
2084 Oct	0.0567	0.0000332	17.9	32.8	0.219	0.0069	9.62	0.0312	0.0304	0.000304	0.00179	0.00121	0.904	0.00000483	0.00317	0.00158	0.00306	0.000442
2084 Nov	0.0564	0.000033	17.8	32.6	0.218	0.00686	9.55	0.0311	0.0303	0.000302	0.00178	0.0012	0.899	0.0000048	0.00316	0.00157	0.00305	0.000439
2084 Dec	0.0564	0.000033	17.8	32.6	0.218	0.00686	9.55	0.0311	0.0303	0.000302	0.00178	0.0012	0.9	0.0000048	0.00316	0.00157	0.00305	0.000439
2085 Jan	0.0564	0.000033	17.8	32.6	0.218	0.00686	9.55	0.0311	0.0303	0.000302	0.00178	0.0012	0.9	0.0000048	0.00316	0.00157	0.00305	0.000439
2085 Feb	0.0564	0.000033	17.8	32.6	0.218	0.00686	9.55	0.0311	0.0303	0.000302	0.00178	0.0012	0.9	0.0000048	0.00316	0.00157	0.00305	0.000439
2085 Mar	0.0565	0.000033	17.8	32.6	0.218	0.00687	9.56	0.0311	0.0303	0.000302	0.00178	0.0012	0.9	0.0000048	0.00316	0.00157	0.00305	0.000439
2085 Apr	0.0566	0.0000331	17.9	32.7	0.219	0.00689	9.59	0.0312	0.0304	0.000303	0.00179	0.00121	0.903	0.00000482	0.00317	0.00158	0.00306	0.00044
2085 May	0.0575	0.0000331	17.8	32.7	0.219	0.00687	9.6	0.0311	0.0308	0.000311	0.00179	0.0012	0.903	0.00000482	0.00316	0.00158	0.00306	0.000437
2085 Jun	0.0578	0.0000324	17.4	31.9	0.215	0.00668	9.42	0.0303	0.0308	0.000319	0.00174	0.00117	0.881	0.00000471	0.00308	0.00156	0.00301	0.000425
2085 Jul	0.0597	0.0000339	18.3	33.5	0.226	0.00705	9.81	0.0319	0.0316	0.000328	0.00183	0.00124	0.926	0.00000495	0.00324	0.00163	0.00314	0.000452
2085 Aug	0.0593	0.0000349	18.9	34.7	0.232	0.00729	9.87	0.033	0.031	0.000324	0.00189	0.00128	0.956	0.00000506	0.00336	0.00167	0.0032	0.000467
2085 Sep	0.0578	0.0000346	18.8	34.5	0.229	0.00724	9.63	0.0329	0.0303	0.000313	0.00188	0.00127	0.95	0.00000499	0.00334	0.00164	0.00315	0.000459
2085 Oct	0.0567	0.0000342	18.5	34	0.226	0.00715	9.43	0.0325	0.0298	0.000305	0.00186	0.00125	0.938	0.0000049	0.00331	0.00162	0.00311	0.000449
2085 Nov	0.0561	0.0000339	18.3	33.7	0.223	0.00707	9.31	0.0322	0.0296	0.0003	0.00184	0.00123	0.929	0.00000485	0.00327	0.0016	0.00307	0.000443
2085 Dec	0.0561	0.0000339	18.3	33.7	0.223	0.00707	9.31	0.0322	0.0296	0.0003	0.00184	0.00123	0.929	0.00000485	0.00327	0.0016	0.00307	0.000443
2086 Jan	0.0561	0.0000339	18.3	33.7	0.223	0.00707	9.31	0.0322	0.0296	0.0003	0.00184	0.00123	0.929	0.00000485	0.00327	0.0016	0.00307	0.000443
2086 Feb	0.0561	0.0000339	18.3	33.7	0.223	0.00707	9.31	0.0322	0.0296	0.0003	0.00184	0.00123	0.929	0.00000485	0.00327	0.0016	0.00307	0.000443
2086 Mar	0.0561	0.0000339	18.3	33.7	0.223	0.00708	9.31	0.0323	0.0296	0.0003	0.00184	0.00123	0.929	0.00000485	0.00328	0.0016	0.00308	0.000443
2086 Apr	0.0563	0.000034	18.4	33.9	0.224	0.00711	9.35	0.0324	0.0297	0.000302	0.00185	0.00124	0.933	0.00000487	0.00329	0.00161	0.00309	0.000445
2086 May	0.0573	0.0000344	18.6	34.2	0.227	0.00718	9.46	0.0327	0.0302	0.000308	0.00187	0.00125	0.943	0.00000493	0.00332	0.00163	0.00312	0.000449
2086 Jun	0.0558	0.0000317	17	31.3	0.21	0.00654	8.79	0.0298	0.0297	0.000307	0.00171	0.00114	0.863	0.00000457	0.00303	0.00153	0.00293	0.000408
2086 Jul	0.0569	0.0000328	17.6	32.4	0.217	0.00679	9.02	0.0309	0.0303	0.00031	0.00177	0.00119	0.895	0.00000474	0.00314	0.00157	0.00303	0.000428
2086 Aug	0.0572	0.0000341	18.4	33.9	0.225	0.0071	9.18	0.0324	0.0302	0.000309	0.00185	0.00124	0.933	0.0000049	0.00329	0.00162	0.00312	0.000446
2086 Sep	0.0561	0.0000341	18.4	33.9	0.224	0.0071	9.02	0.0325	0.0296	0.0003	0.00185	0.00124	0.934	0.00000487	0.0033	0.00161	0.0031	0.000442
2086 Oct	0.0558	0.0000342	18.4	34	0.224	0.00711	8.97	0.0326	0.0295	0.000298	0.00185	0.00124	0.935	0.00000486	0.00331	0.00161	0.0031	0.00044
2086 Nov	0.0559	0.0000343	18.4	34	0.224	0.00713	8.98	0.0327	0.0295	0.000298	0.00186	0.00124	0.938	0.00000487	0.00331	0.00161	0.00311	0.00044
2086 Dec	0.0559	0.0000343	18.4	34.1	0.225	0.00713	8.98	0.0327	0.0295	0.000298	0.00186	0.00124	0.938	0.00000487	0.00332	0.00162	0.00311	0.00044
2087 Jan	0.0559	0.0000343	18.5	34.1	0.225	0.00713	8.98	0.0327	0.0295	0.000298	0.00186	0.00124	0.938	0.00000487	0.00332	0.00162	0.00311	0.00044
2087 Feb	0.056	0.0000343	18.5	34.1	0.225	0.00714	8.99	0.0327	0.0295	0.000298	0.00186	0.00124	0.939	0.00000487	0.00332	0.00162	0.00311	0.000441
2087 Mar	0.056	0.0000343	18.5	34.1	0.225	0.00714	8.99	0.0327	0.0296	0.000298	0.00186	0.00124	0.939	0.00000488	0.00332	0.00162	0.00311	0.000441
2087 Apr	0.0561	0.0000344	18.5	34.2	0.225	0.00716	9.01	0.0328	0.0296	0.000299	0.00186	0.00124	0.941	0.00000489	0.00333	0.00162	0.00312	0.000442
2087 May	0.057	0.0000342	18.4	34	0.225	0.0071	9.02	0.0325	0.03	0.000308	0.00185	0.00123	0.936	0.00000487	0.0033	0.00162	0.00311	0.000439
2087 Jun	0.0578	0.0000324	17.3	31.9	0.215	0.00665	8.71	0.0305	0.0302	0.000326	0.00174	0.00116	0.882	0.00000463	0.00309	0.00157	0.00298	0.000411
2087 Jul	0.0593	0.0000335	17.9	33.1	0.222	0.0069	8.97	0.0316	0.0309	0.000334	0.00181	0.0012	0.915	0.00000479	0.00321	0.00162	0.00308	0.000428
2087 Aug	0.0608	0.0000351	18.9	34.9	0.234	0.0073	9.31	0.0333	0.0313	0.00034	0.0019	0.00127	0.963	0.00000503	0.00338	0.00169	0.00321	0.000456
2087 Sep	0.0611	0.0000359	19.4	35.8	0.239	0.00748	9.41	0.0342	0.0314	0.000341	0.00195	0.00131	0.987	0.00000513	0.00347	0.00172	0.00327	0.000466
2087 Oct	0.0606	0.0000358	19.3	35.7	0.238	0.00746	9.33	0.0342	0.0311	0.000338	0.00195	0.0013	0.985	0.0000051	0.00347	0.00172	0.00325	0.000461
2087 Nov	0.0604	0.0000358	19.3	35.6	0.237	0.00744	9.29	0.0341	0.031	0.000336	0.00194	0.00129	0.982	0.00000508	0.00346	0.00171	0.00324	0.00046
2087 Dec	0.0604	0.0000358	19.3	35.7	0.237	0.00744	9.29	0.0341	0.031	0.000336	0.00194	0.0013	0.983	0.00000508	0.00346	0.00171	0.00324	0.000459
2088 Jan	0.0604	0.0000358	19.3	35.7	0.237	0.00744	9.29	0.0341	0.031	0.000336	0.00194	0.0013	0.983	0.00000508	0.00346	0.00171	0.00324	0.000459
2088 Feb	0.0604	0.0000358	19.3	35.7	0.237	0.00744	9.29	0.0341	0.031	0.000336	0.00194	0.0013	0.983	0.00000508	0.00346	0.00171	0.00324	0.000459
2088 Mar	0.0605	0.0000358	19.3	35.7	0.237	0.00745	9.3	0.0342	0.0311	0.000336	0.00194	0.0013	0.984	0.00000509	0.00347	0.00171	0.00325	0.00046
2088 Apr	0.061	0.0000361	19.5	36	0.239	0.00751	9.38	0.0344	0.0313	0.000339	0.00196	0.00131	0.992	0.00000513	0.00349	0.00173	0.00327	0.000464
2088 May	0.062	0.0000367	19.8	36.6	0.244	0.00764	9.54	0.0351	0.0319	0.000345	0.00199	0.00133	1.01	0.00000522	0.00356	0.00176	0.00333	0.000472
2088 Jun	0.06	0.0000352	18.9	34.8	0.232	0.00727	9.12	0.0333	0.0316	0.000328	0.0019	0.00127	0.96	0.00000503	0.00338	0.00168	0.00323	0.00045
2088 Jul	0.0616	0.0000364	19.5	36	0.239	0.00753	9.39	0.0345	0.0326	0.000335	0.00197	0.00131	0.993	0.00000521	0.0035	0.00174	0.00335	0.000468
2088 Aug	0.0642	0.0000387	20.9	38.4	0.255	0.00805	9.91	0.0368	0.0337	0.000347	0.0021	0.0014	1.06	0.00000554	0.00373	0.00184	0.00354	0.000504
2088 Sep	0.0647	0.0000393	21.2	39.1	0.259	0.0082	10	0.0375	0.0339	0.000349	0.00214	0.00143	1.08	0.00000562	0.0038	0.00187	0.00359	0.000511
2088 Oct	0.0625	0.0000381	20.5	37.9	0.25	0.00793	9.65	0.0363	0.033	0.000335	0.00207	0.00138	1.04	0.00000544	0.00368	0.0018	0.00347	0.000492

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.0622	0.0000379	20.4	37.6	0.248	0.00788	9.59	0.0361	0.0329	0.000332	0.00205	0.00137	1.04	0.0000054	0.00366	0.00179	0.00345	0.000489
2088 Dec	0.0622	0.0000379	20.4	37.6	0.248	0.00788	9.59	0.0361	0.0329	0.000332	0.00206	0.00137	1.04	0.0000054	0.00366	0.00179	0.00345	0.000489
2089 Jan	0.0622	0.0000379	20.4	37.6	0.248	0.00788	9.59	0.0361	0.0329	0.000332	0.00206	0.00137	1.04	0.0000054	0.00366	0.00179	0.00345	0.000489
2089 Feb	0.0622	0.0000379	20.4	37.6	0.248	0.00788	9.59	0.0361	0.0329	0.000332	0.00206	0.00137	1.04	0.0000054	0.00366	0.00179	0.00345	0.000489
2089 Mar	0.0623	0.000038	20.4	37.7	0.249	0.00789	9.6	0.0361	0.033	0.000332	0.00206	0.00137	1.04	0.00000541	0.00367	0.00179	0.00346	0.000489
2089 Apr	0.0626	0.0000382	20.5	37.9	0.25	0.00793	9.65	0.0363	0.0331	0.000334	0.00207	0.00138	1.04	0.00000544	0.00369	0.0018	0.00348	0.000492
2089 May	0.0638	0.000038	20.4	37.7	0.25	0.00788	9.68	0.036	0.0337	0.000345	0.00206	0.00137	1.04	0.00000543	0.00366	0.00181	0.00347	0.000489
2089 Jun	0.0646	0.0000366	19.6	36.1	0.242	0.00754	9.49	0.0345	0.0339	0.000361	0.00197	0.00132	0.997	0.00000525	0.0035	0.00177	0.00337	0.000469
2089 Jul	0.0661	0.0000379	20.4	37.6	0.252	0.00786	9.79	0.0358	0.0345	0.000368	0.00205	0.00137	1.04	0.00000546	0.00364	0.00183	0.00349	0.000493
2089 Aug	0.0673	0.0000393	21.2	39.1	0.261	0.00818	10.1	0.0373	0.035	0.000372	0.00213	0.00143	1.08	0.00000566	0.00378	0.00188	0.0036	0.000515
2089 Sep	0.067	0.0000397	21.4	39.5	0.263	0.00826	10	0.0377	0.0348	0.000369	0.00215	0.00144	1.09	0.00000568	0.00383	0.00189	0.00362	0.000518
2089 Oct	0.0643	0.0000384	20.7	38.2	0.253	0.008	9.62	0.0365	0.0336	0.000349	0.00208	0.00139	1.05	0.00000549	0.00371	0.00182	0.00349	0.000498
2089 Nov	0.0641	0.0000384	20.7	38.1	0.253	0.00798	9.6	0.0365	0.0336	0.000348	0.00208	0.00139	1.05	0.00000548	0.0037	0.00182	0.00348	0.000496
2089 Dec	0.0641	0.0000384	20.7	38.2	0.253	0.00799	9.6	0.0365	0.0336	0.000348	0.00208	0.00139	1.05	0.00000548	0.00371	0.00182	0.00348	0.000496
2090 Jan	0.0642	0.0000384	20.7	38.2	0.253	0.00799	9.6	0.0365	0.0337	0.000348	0.00208	0.00139	1.05	0.00000548	0.00371	0.00182	0.00348	0.000496
2090 Feb	0.0642	0.0000384	20.7	38.2	0.253	0.00799	9.61	0.0365	0.0337	0.000348	0.00208	0.00139	1.05	0.00000548	0.00371	0.00182	0.00349	0.000497
2090 Mar	0.0642	0.0000384	20.7	38.2	0.253	0.008	9.62	0.0366	0.0337	0.000348	0.00208	0.00139	1.05	0.00000549	0.00371	0.00182	0.00349	0.000497
2090 Apr	0.0644	0.0000386	20.8	38.3	0.254	0.00802	9.64	0.0367	0.0338	0.000349	0.00209	0.0014	1.06	0.0000055	0.00372	0.00183	0.0035	0.000499
2090 May	0.0651	0.0000389	21	38.7	0.257	0.0081	9.72	0.0371	0.0341	0.000353	0.00211	0.00141	1.07	0.00000555	0.00376	0.00185	0.00353	0.000502
2090 Jun	0.0629	0.0000355	18.9	35	0.234	0.00728	8.92	0.0335	0.0331	0.000352	0.00191	0.00127	0.967	0.00000506	0.00339	0.00172	0.00327	0.000446
2090 Jul	0.0642	0.0000366	19.6	36.2	0.242	0.00754	9.17	0.0346	0.0336	0.000358	0.00197	0.00131	0.999	0.00000523	0.00351	0.00176	0.00336	0.000465
2090 Aug	0.0619	0.0000361	19.4	35.8	0.238	0.00746	8.92	0.0342	0.0325	0.00034	0.00195	0.0013	0.986	0.00000515	0.00347	0.00172	0.0033	0.00046
2090 Sep	0.0603	0.0000357	19.1	35.3	0.234	0.00736	8.69	0.0338	0.0319	0.000327	0.00192	0.00128	0.973	0.00000506	0.00343	0.00169	0.00324	0.00045
2090 Oct	0.0581	0.0000345	18.4	34.1	0.225	0.00712	8.37	0.0327	0.0311	0.000311	0.00186	0.00123	0.94	0.0000049	0.00332	0.00163	0.00313	0.000433
2090 Nov	0.0573	0.0000341	18.2	33.6	0.222	0.00702	8.25	0.0323	0.0308	0.000305	0.00183	0.00122	0.927	0.00000483	0.00327	0.00161	0.00308	0.000427
2090 Dec	0.0573	0.0000341	18.2	33.7	0.222	0.00702	8.25	0.0323	0.0308	0.000305	0.00183	0.00122	0.928	0.00000483	0.00327	0.00161	0.00308	0.000426
2091 Jan	0.0573	0.0000341	18.2	33.7	0.222	0.00702	8.25	0.0323	0.0308	0.000305	0.00183	0.00122	0.928	0.00000483	0.00327	0.00161	0.00308	0.000426
2091 Feb	0.0573	0.0000341	18.2	33.7	0.222	0.00702	8.25	0.0323	0.0308	0.000305	0.00183	0.00122	0.928	0.00000483	0.00327	0.00161	0.00308	0.000426
2091 Mar	0.0574	0.0000342	18.2	33.7	0.222	0.00704	8.26	0.0323	0.0309	0.000305	0.00183	0.00122	0.929	0.00000484	0.00328	0.00161	0.00309	0.000427
2091 Apr	0.0577	0.0000344	18.3	33.9	0.224	0.00708	8.31	0.0325	0.031	0.000307	0.00184	0.00122	0.935	0.00000487	0.0033	0.00162	0.00311	0.00043
2091 May	0.0588	0.0000347	18.5	34.2	0.226	0.00713	8.42	0.0328	0.0316	0.000315	0.00186	0.00124	0.943	0.00000491	0.00332	0.00164	0.00314	0.000433
2091 Jun	0.059	0.0000325	17.2	31.9	0.214	0.00663	8.1	0.0304	0.0315	0.000328	0.00173	0.00115	0.881	0.00000465	0.00308	0.00157	0.00299	0.000406
2091 Jul	0.0615	0.0000343	18.3	33.7	0.226	0.00703	8.54	0.0321	0.0327	0.000341	0.00183	0.00123	0.931	0.00000493	0.00326	0.00165	0.00315	0.000436
2091 Aug	0.0607	0.0000347	18.6	34.2	0.229	0.00716	8.54	0.0327	0.0322	0.000334	0.00186	0.00125	0.945	0.00000498	0.00331	0.00166	0.00316	0.000445
2091 Sep	0.0598	0.0000347	18.6	34.3	0.228	0.00716	8.44	0.0327	0.0318	0.000326	0.00186	0.00125	0.945	0.00000496	0.00332	0.00165	0.00315	0.000442
2091 Oct	0.0584	0.0000341	18.2	33.7	0.224	0.00704	8.23	0.0322	0.0311	0.000316	0.00183	0.00122	0.929	0.00000486	0.00327	0.00161	0.00309	0.000432
2091 Nov	0.0572	0.0000335	17.8	33	0.219	0.0069	8.06	0.0316	0.0308	0.000308	0.00179	0.0012	0.911	0.00000477	0.0032	0.00158	0.00303	0.000422
2091 Dec	0.0572	0.0000335	17.8	33	0.219	0.00689	8.06	0.0316	0.0308	0.000307	0.00179	0.0012	0.911	0.00000477	0.0032	0.00158	0.00303	0.000422
2092 Jan	0.0572	0.0000335	17.8	33	0.219	0.0069	8.06	0.0316	0.0308	0.000307	0.00179	0.0012	0.911	0.00000477	0.0032	0.00158	0.00303	0.000422
2092 Feb	0.0573	0.0000335	17.8	33	0.219	0.0069	8.06	0.0316	0.0308	0.000307	0.00179	0.0012	0.911	0.00000477	0.00321	0.00158	0.00303	0.000422
2092 Mar	0.0574	0.0000335	17.9	33.1	0.219	0.00691	8.07	0.0317	0.0308	0.000308	0.0018	0.0012	0.913	0.00000477	0.00321	0.00158	0.00303	0.000422
2092 Apr	0.0576	0.0000337	18	33.2	0.22	0.00694	8.11	0.0318	0.031	0.000309	0.0018	0.0012	0.917	0.0000048	0.00323	0.00159	0.00305	0.000424
2092 May	0.0586	0.0000339	18.1	33.4	0.222	0.00697	8.18	0.032	0.0314	0.000318	0.00181	0.00121	0.923	0.00000483	0.00324	0.00161	0.00307	0.000426
2092 Jun	0.0562	0.0000302	16	29.5	0.2	0.00613	7.44	0.0282	0.03	0.000317	0.00161	0.00107	0.818	0.00000433	0.00285	0.00147	0.00279	0.000374
2092 Jul	0.056	0.0000307	16.3	30.1	0.203	0.00626	7.49	0.0287	0.0298	0.000314	0.00163	0.00109	0.832	0.0000044	0.0029	0.00148	0.00282	0.000385
2092 Aug	0.0576	0.0000322	17.1	31.7	0.213	0.0066	7.78	0.0302	0.0305	0.000322	0.00172	0.00115	0.875	0.00000461	0.00306	0.00155	0.00295	0.000405
2092 Sep	0.0573	0.0000326	17.3	32.1	0.214	0.00668	7.75	0.0308	0.0302	0.000318	0.00175	0.00116	0.887	0.00000463	0.00311	0.00156	0.00296	0.000406
2092 Oct	0.0567	0.0000326	17.3	32.2	0.214	0.00669	7.67	0.0308	0.0298	0.000314	0.00175	0.00116	0.888	0.00000461	0.00312	0.00156	0.00295	0.000404
2092 Nov	0.0565	0.0000326	17.3	32.2	0.214	0.00669	7.65	0.0309	0.0298	0.000313	0.00175	0.00116	0.889	0.0000046	0.00313	0.00156	0.00295	0.000403
2092 Dec	0.0566	0.0000327	17.4	32.2	0.214	0.0067	7.65	0.0309	0.0298	0.000313	0.00175	0.00116	0.889	0.00000461	0.00313	0.00156	0.00296	0.000403
2093 Jan	0.0566	0.0000327	17.4	32.2	0.214	0.0067	7.65	0.0309	0.0298	0.000313	0.00175	0.00116	0.889	0.00000461	0.00313	0.00156	0.00296	0.000403
2093 Feb	0.0566	0.0000327	17.4	32.2	0.214	0.0067	7.65	0.0309	0.0298	0.000313	0.00175	0.00116	0.89	0.00000461	0.00313	0.00156	0.00296	0.000403
2093 Mar	0.0567	0.0000328	17.4	32.3	0.215	0.00672	7.67	0.031	0.0299	0.000313	0.00176	0.00116	0.892	0.00000462	0.00314	0.00156	0.00296	0.000404
2093 Apr	0.057	0.0000329	17.5	32.5	0.216	0.00675	7.71	0.0312	0.0301	0.000315	0.00177	0.00117	0.897	0.00000464	0.00316	0.00157	0.00298	0.000406
2093 May	0.058	0.0000332	17.6	32.8	0.218	0.00681	7.8	0.0314	0.0305	0.000322	0.00178	0.00118	0.905	0.00000469	0.00318	0.00159	0.00301	0.000409
2093 Jun	0.0577	0.0000311	16.5	30.6	0.206	0.00633	7.5	0.0292	0.0302	0.000331	0.00166	0.0011	0.845	0.00000443	0.00295	0.00152	0.00286	0.000384
2093 Jul	0.0594	0.0000325	17.3	32	0.216	0.00665	7.83	0.0305	0.031	0.00034	0.00174	0.00116	0.884	0.00000464	0.00309	0.00158	0.00298	0.000409
2093 Aug	0.0608	0.0000338	18.1	33.4	0.225	0.00696	8.1	0.0318	0.0315	0.000346	0.00181	0.00121	0.923	0.00000484	0.00323	0.00164	0.00309	0.000431
2093 Sep	0.0606	0.0000341	18.3	33.8	0.227	0.00704	8.11	0.0322	0.0313	0.000344	0.00183	0.00123	0.933	0.00000487	0.00327	0.00165	0.0031	0.000435
2093 Oct	0.0579	0.0000329	17.6	32.6	0.218	0.00679	7.78	0.0311	0.0302	0.000324	0.00177	0.00118	0.899	0.00000469	0.00315	0.00158	0.00298	0.000419
2093 Nov	0.0571	0.0000325	17.4	32.2	0.215	0.00671	7.67	0.0307	0.03	0.000317	0.00174	0.00117	0.888	0.00000464	0.00311	0.00156	0.00295	0.000413
2093 Dec	0.0571	0.0000325	17.4	32.2	0.215	0.00671	7.67	0.0307	0.03	0.000317	0.00174	0.00117	0.888	0.00000464	0.00311	0.00156	0.00295	0.000413
2094 Jan	0.0571	0.0000325	17.4	32.2	0.215	0.00671	7.67	0.0307	0.0301	0.000317	0.00174	0.00117	0.888	0.00000464	0.00312	0.00156	0.00295	0.000413
2094 Feb	0.0571	0.0000325	17.4	32.2	0.215	0.00671	7.67	0.0307	0.0301	0.000317	0.00175	0.00117	0.888	0.00000464	0.00312	0.00156	0.00295	0.000413
2094 Mar	0.0572	0.0000326	17.4	32.2	0.215	0.00672	7.69	0.0308	0.0301	0.000317	0.00175	0.00117	0.889	0.00000465	0.00312	0.00156	0.00295	0.000414
2094 Apr	0.0574	0.0000327	17.5	32.3	0.216	0.00675	7.71	0.0309	0.0302	0.000318	0.00175	0.00117	0.893	0.00000466	0.00313	0.00156	0.00296	0.000415
2094 May	0.058	0.0000325	17.4	32.1	0.215	0.00669	7.71	0.0306	0.0304	0.000326	0.00174	0.00116	0.886	0.00000464	0.0031	0.00156	0.00295	0.000411
2094 Jun	0.0593	0.0000318	17	31.4	0.213	0.00653	7.69	0.0299	0.0308	0.000342	0.0017	0.00114	0.868	0.00000457	0.00303	0.00156	0.00291	0.000404
2094 Jul	0.0622	0.0000339	18.3	33.6	0.228	0.00703	8.22	0.0319	0.032	0.000357	0.00182	0.00123	0.93	0.00000491	0.00324	0.00165	0.0031	0.000443
2094 Aug	0.0653	0.0000361	19.5	35.9	0.243	0.00751	8.69	0.0341	0.0335	0.000374	0.00195	0.00131	0.992	0.00000522	0.00346	0.00175	0.00329	0.000474
2094 Sep	0.0648	0.0000363	19.7	36.2	0.244	0.00757	8.68	0.0344	0.0332	0.000369	0.00196	0.00132	0.999	0.00000524	0.00349	0.00176	0.0033	0.000477
2094 Oct	0.0625	0.0000355	19.2	35.4	0.238	0.00742	8.42	0.0337	0.0322	0.000353	0.00192	0.0013	0.977	0.00000511	0.00342	0.00171	0.00321	0.000467
2094 Nov	0.0606	0.0000346	18.7	34.5	0.231	0.00722	8.16	0.0328	0.0314	0.000338	0.00187	0.00126	0.951	0.00000497	0.00333	0.00166	0.00312	0.000452
2094 Dec	0.0604	0.0000345	18.7	34.4	0.23	0.0072	8.14	0.0327	0.0314	0.000337	0.00186	0.00126	0.949	0.00000496	0.00332	0.00165	0.00311	0.000451
2095 Jan	0.0605	0.0000345	18.7	34.4	0.23	0.0072	8.14	0.0327	0.0314	0.000337	0.00186	0.00126	0.949	0.00000496	0.00332	0.00165	0.00311	0.000451
2095 Feb	0.0605	0.0000345	18.7	34.4	0.23	0.0072	8.14	0.0327	0.0314	0.000337	0.00186	0.00126	0.949	0.00000496	0.00332	0.00165	0.00311	0.000451
2095 Mar	0.0605	0.0000345	18.7	34.4	0.231	0.00721	8.15	0.0328	0.0314	0.000337	0.00186	0.00126	0.95	0.00000496	0.00333	0.00166	0.00312	0.000451

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0608	0.0000347	18.8	34.6	0.232	0.00724	8.18	0.0329	0.0316	0.000339	0.00187	0.00126	0.954	0.00000499	0.00334	0.00166	0.00313	0.000453
2095 May	0.0613	0.0000346	18.7	34.4	0.231	0.00721	8.2	0.0327	0.0317	0.000344	0.00186	0.00126	0.95	0.00000498	0.00332	0.00166	0.00312	0.000453
2095 Jun	0.0627	0.0000346	18.7	34.4	0.233	0.00719	8.31	0.0326	0.0324	0.000357	0.00186	0.00126	0.95	0.000005	0.00331	0.00168	0.00314	0.000455
2095 Jul	0.0656	0.0000366	20	36.6	0.248	0.00769	8.85	0.0346	0.0336	0.000371	0.00198	0.00135	1.01	0.00000534	0.00352	0.00177	0.00332	0.000496
2095 Aug	0.065	0.0000368	20.2	36.9	0.25	0.00778	8.87	0.035	0.0332	0.000366	0.002	0.00137	1.02	0.00000538	0.00356	0.00177	0.00333	0.000505
2095 Sep	0.0646	0.0000371	20.4	37.3	0.251	0.00786	8.87	0.0353	0.0329	0.000363	0.00202	0.00138	1.03	0.00000542	0.00359	0.00178	0.00335	0.000509
2095 Oct	0.0642	0.0000373	20.5	37.5	0.252	0.0079	8.86	0.0355	0.0326	0.000359	0.00203	0.00139	1.03	0.00000543	0.00362	0.00178	0.00335	0.000512
2095 Nov	0.0633	0.000037	20.3	37.2	0.25	0.00784	8.76	0.0353	0.0322	0.000353	0.00201	0.00138	1.03	0.00000538	0.00359	0.00177	0.00332	0.000508
2095 Dec	0.0632	0.0000369	20.3	37.1	0.249	0.00783	8.75	0.0352	0.0322	0.000352	0.00201	0.00137	1.02	0.00000537	0.00358	0.00176	0.00331	0.000507
2096 Jan	0.0632	0.0000369	20.3	37.1	0.249	0.00783	8.74	0.0352	0.0322	0.000352	0.00201	0.00137	1.02	0.00000537	0.00358	0.00176	0.00331	0.000507
2096 Feb	0.0633	0.0000369	20.3	37.1	0.249	0.00783	8.75	0.0352	0.0322	0.000352	0.00201	0.00137	1.02	0.00000537	0.00358	0.00176	0.00332	0.000507
2096 Mar	0.0633	0.0000369	20.3	37.1	0.25	0.00784	8.76	0.0352	0.0322	0.000352	0.00201	0.00138	1.02	0.00000538	0.00359	0.00176	0.00332	0.000508
2096 Apr	0.0636	0.0000371	20.4	37.3	0.251	0.00787	8.79	0.0354	0.0324	0.000354	0.00202	0.00138	1.03	0.0000054	0.0036	0.00177	0.00333	0.00051
2096 May	0.0642	0.0000374	20.5	37.6	0.252	0.00792	8.84	0.0356	0.0326	0.000358	0.00203	0.00139	1.04	0.00000543	0.00363	0.00179	0.00335	0.000511
2096 Jun	0.0597	0.0000337	18.4	33.6	0.227	0.00708	8.04	0.0318	0.031	0.000332	0.00182	0.00125	0.928	0.00000495	0.00324	0.00162	0.00309	0.00046
2096 Jul	0.0608	0.0000347	19	34.6	0.234	0.00733	8.31	0.0328	0.0315	0.000336	0.00188	0.00129	0.956	0.00000513	0.00334	0.00167	0.00318	0.000484
2096 Aug	0.0632	0.0000364	20.1	36.5	0.246	0.00773	8.72	0.0345	0.0327	0.000348	0.00198	0.00136	1.01	0.00000539	0.00351	0.00175	0.00333	0.000514
2096 Sep	0.0621	0.0000362	20	36.3	0.245	0.00771	8.64	0.0343	0.0321	0.00034	0.00197	0.00136	1	0.00000537	0.0035	0.00173	0.0033	0.000514
2096 Oct	0.0595	0.000035	19.3	35.1	0.236	0.00746	8.32	0.0332	0.0311	0.000321	0.0019	0.00132	0.968	0.00000519	0.00339	0.00166	0.00319	0.000497
2096 Nov	0.0593	0.000035	19.3	35	0.236	0.00744	8.29	0.0331	0.031	0.000319	0.0019	0.00131	0.966	0.00000518	0.00338	0.00166	0.00318	0.000495
2096 Dec	0.0593	0.000035	19.3	35	0.236	0.00745	8.29	0.0331	0.0311	0.000319	0.0019	0.00131	0.966	0.00000518	0.00338	0.00166	0.00318	0.000495
2097 Jan	0.0593	0.000035	19.3	35	0.236	0.00745	8.29	0.0331	0.0311	0.000319	0.0019	0.00131	0.966	0.00000518	0.00338	0.00166	0.00318	0.000495
2097 Feb	0.0593	0.000035	19.3	35	0.236	0.00745	8.29	0.0331	0.0311	0.000319	0.0019	0.00131	0.966	0.00000518	0.00338	0.00166	0.00318	0.000495
2097 Mar	0.0594	0.000035	19.3	35.1	0.236	0.00745	8.3	0.0332	0.0311	0.000319	0.0019	0.00131	0.967	0.00000518	0.00338	0.00166	0.00318	0.000496
2097 Apr	0.0597	0.0000352	19.4	35.3	0.237	0.00749	8.34	0.0334	0.0312	0.000321	0.00191	0.00132	0.972	0.00000521	0.0034	0.00167	0.0032	0.000498
2097 May	0.0608	0.0000356	19.6	35.7	0.24	0.00758	8.46	0.0337	0.0318	0.000328	0.00193	0.00134	0.984	0.00000527	0.00344	0.00169	0.00324	0.000504
2097 Jun	0.0613	0.0000344	18.9	34.3	0.234	0.00729	8.35	0.0324	0.032	0.000339	0.00186	0.00129	0.949	0.00000513	0.0033	0.00166	0.00316	0.000489
2097 Jul	0.064	0.0000363	20.1	36.3	0.247	0.00773	8.84	0.0342	0.0333	0.000352	0.00197	0.00137	1	0.00000544	0.00349	0.00174	0.00333	0.000525
2097 Aug	0.0655	0.0000375	20.9	37.7	0.256	0.00804	9.15	0.0354	0.0338	0.000359	0.00204	0.00143	1.04	0.00000565	0.00362	0.0018	0.00344	0.000552
2097 Sep	0.066	0.0000381	21.3	38.3	0.261	0.00819	9.28	0.0361	0.034	0.000361	0.00208	0.00146	1.06	0.00000574	0.00368	0.00182	0.00349	0.000563
2097 Oct	0.0652	0.0000379	21.2	38.1	0.259	0.00815	9.2	0.0359	0.0336	0.000356	0.00207	0.00145	1.05	0.00000571	0.00367	0.00181	0.00346	0.00056
2097 Nov	0.0646	0.0000376	21	37.8	0.257	0.00809	9.12	0.0356	0.0334	0.000352	0.00205	0.00144	1.04	0.00000566	0.00364	0.00179	0.00343	0.000556
2097 Dec	0.0645	0.0000375	20.9	37.7	0.256	0.00807	9.1	0.0355	0.0333	0.000351	0.00205	0.00143	1.04	0.00000565	0.00363	0.00179	0.00343	0.000554
2098 Jan	0.0645	0.0000375	20.9	37.7	0.256	0.00806	9.1	0.0355	0.0333	0.00035	0.00205	0.00143	1.04	0.00000565	0.00363	0.00179	0.00343	0.000554
2098 Feb	0.0645	0.0000375	20.9	37.7	0.256	0.00807	9.1	0.0355	0.0333	0.000351	0.00205	0.00143	1.04	0.00000565	0.00363	0.00179	0.00343	0.000554
2098 Mar	0.0646	0.0000375	20.9	37.7	0.256	0.00807	9.1	0.0355	0.0334	0.000351	0.00205	0.00143	1.04	0.00000565	0.00363	0.00179	0.00343	0.000554
2098 Apr	0.0648	0.0000376	21	37.9	0.257	0.00809	9.13	0.0356	0.0335	0.000352	0.00205	0.00144	1.04	0.00000567	0.00364	0.0018	0.00344	0.000556
2098 May	0.0658	0.0000371	20.7	37.3	0.255	0.00796	9.14	0.035	0.0339	0.000364	0.00202	0.00142	1.03	0.00000561	0.00357	0.00179	0.00341	0.000549
2098 Jun	0.0637	0.0000334	18.6	33.4	0.233	0.00713	8.54	0.0312	0.0325	0.000367	0.00181	0.00128	0.925	0.00000512	0.00318	0.00165	0.00312	0.000499
2098 Jul	0.0666	0.0000353	19.8	35.4	0.247	0.00758	9.06	0.0329	0.0339	0.000383	0.00192	0.00136	0.98	0.00000544	0.00337	0.00174	0.00329	0.000539
2098 Aug	0.0669	0.0000358	20.2	36.1	0.251	0.00773	9.17	0.0336	0.0339	0.000382	0.00195	0.00139	0.998	0.00000553	0.00343	0.00176	0.00333	0.000551
2098 Sep	0.0641	0.0000349	19.6	35.1	0.243	0.00753	8.85	0.0327	0.0326	0.000363	0.0019	0.00135	0.972	0.00000537	0.00335	0.0017	0.00323	0.000535
2098 Oct	0.0615	0.0000339	19.1	34.2	0.236	0.00733	8.52	0.0319	0.0315	0.000344	0.00185	0.00131	0.945	0.0000052	0.00326	0.00164	0.00313	0.000517
2098 Nov	0.0607	0.0000336	18.9	33.8	0.233	0.00726	8.42	0.0316	0.0312	0.000337	0.00183	0.0013	0.935	0.00000515	0.00323	0.00162	0.00309	0.000511
2098 Dec	0.0607	0.0000336	18.9	33.8	0.233	0.00726	8.42	0.0316	0.0312	0.000337	0.00183	0.0013	0.935	0.00000515	0.00323	0.00162	0.00309	0.000511
2099 Jan	0.0607	0.0000336	18.9	33.8	0.233	0.00726	8.42	0.0316	0.0312	0.000337	0.00183	0.0013	0.935	0.00000515	0.00323	0.00162	0.00309	0.000511
2099 Feb	0.0607	0.0000336	18.9	33.8	0.233	0.00726	8.42	0.0316	0.0312	0.000337	0.00183	0.0013	0.935	0.00000515	0.00323	0.00162	0.00309	0.000511
2099 Mar	0.0608	0.0000337	18.9	33.9	0.233	0.00727	8.44	0.0317	0.0313	0.000338	0.00183	0.0013	0.937	0.00000516	0.00324	0.00163	0.0031	0.000512
2099 Apr	0.0613	0.0000339	19.1	34.1	0.235	0.00733	8.5	0.0319	0.0315	0.00034	0.00185	0.00131	0.944	0.0000052	0.00326	0.00164	0.00312	0.000516
2099 May	0.0618	0.0000325	18.2	32.6	0.227	0.00698	8.32	0.0304	0.0316	0.000351	0.00176	0.00125	0.903	0.000005	0.0031	0.0016	0.00302	0.000492
2099 Jun	0.0611	0.0000316	17.7	31.7	0.222	0.00677	8.16	0.0294	0.0311	0.000351	0.00171	0.00122	0.877	0.00000488	0.00301	0.00156	0.00294	0.00048
2099 Jul	0.0633	0.0000332	18.7	33.4	0.234	0.00716	8.56	0.0311	0.032	0.000362	0.00181	0.00129	0.926	0.00000514	0.00318	0.00164	0.00309	0.000512
2099 Aug	0.0654	0.0000348	19.6	35	0.244	0.00752	8.9	0.0326	0.033	0.000373	0.00189	0.00135	0.97	0.00000537	0.00333	0.00171	0.00322	0.000536
2099 Sep	0.0639	0.0000344	19.4	34.7	0.241	0.00745	8.74	0.0324	0.0322	0.000362	0.00188	0.00134	0.961	0.0000053	0.00331	0.00168	0.00318	0.00053
2099 Oct	0.0622	0.0000339	19.1	34.3	0.237	0.00735	8.55	0.0319	0.0314	0.00035	0.00185	0.00132	0.948	0.00000521	0.00327	0.00165	0.00312	0.000521
2099 Nov	0.0612	0.0000335	18.9	33.9	0.234	0.00727	8.43	0.0316	0.031	0.000342	0.00183	0.0013	0.937	0.00000515	0.00323	0.00163	0.00308	0.000515
2099 Dec	0.0611	0.0000336	18.9	33.9	0.234	0.00727	8.43	0.0316	0.031	0.000341	0.00183	0.0013	0.937	0.00000516	0.00323	0.00163	0.00308	0.000515
2100 Jan	0.0611	0.0000336	18.9	33.9	0.234	0.00727	8.43	0.0316	0.031	0.000341	0.00183	0.0013	0.937	0.00000515	0.00323	0.00163	0.00308	0.000515
2100 Feb	0.0611	0.0000336	18.9	33.9	0.234	0.00727	8.43	0.0316	0.031	0.000341	0.00183	0.0013	0.937	0.00000516	0.00323	0.00163	0.00308	0.000515
2100 Mar	0.0612	0.0000336	18.9	33.9	0.234	0.00728	8.44	0.0316	0.0311	0.000341	0.00183	0.0013	0.937	0.00000516	0.00324	0.00163	0.00308	0.000515
2100 Apr	0.0615	0.0000338	19.1	34.1	0.236	0.00732	8.49	0.0318	0.0312	0.000344	0.00184	0.00131	0.943	0.00000519	0.00325	0.00164	0.0031	0.000518
2100 May	0.0623	0.0000338	19	34.1	0.236	0.0073	8.51	0.0318	0.0315	0.000351	0.00184	0.00131	0.943	0.00000518	0.00325	0.00165	0.0031	0.000516
2100 Jun	0.0601	0.000031	17.4	31.1	0.218	0.00666	7.99	0.0289	0.0304	0.000348	0.00168	0.0012	0.862	0.00000479	0.00295	0.00154	0.00289	0.000473
2100 Jul	0.0604	0.0000316	17.8	31.9	0.223	0.00683	8.13	0.0296	0.0304	0.000348	0.00172	0.00123	0.883	0.0000049	0.00303	0.00156	0.00294	0.000489
2100 Aug	0.0598	0.0000319	18	32.2	0.224	0.0069	8.12	0.0299	0.03	0.000343	0.00174	0.00124	0.89	0.00000493	0.00306	0.00157	0.00295	0.000494
2100 Sep	0.0594	0.0000321	18.1	32.4	0.225	0.00696	8.1	0.0302	0.0297	0.000338	0.00175	0.00125	0.897	0.00000495	0.00309	0.00157	0.00296	0.000496
2100 Oct	0.0592	0.0000323	18.3	32.7	0.227	0.00701	8.11	0.0304	0.0296	0.000337	0.00176	0.00126	0.903	0.00000497	0.00311	0.00158	0.00297	0.000499
2100 Nov	0.0592	0.0000323	18.3	32.7	0.227	0.00702	8.12	0.0305	0.0296	0.000336	0.00177	0.00126	0.905	0.00000497	0.00312	0.00158	0.00297	0.0005
2100 Dec	0.0593	0.0000323	18.3	32.7	0.227	0.00703	8.12	0.0305	0.0296	0.000337	0.00177	0.00126	0.905	0.00000498	0.00312	0.00158	0.00297	0.0005
2101 Jan	0.0592	0.0000323	18.3	32.8	0.227	0.00703	8.12	0.0305	0.0296	0.000336	0.00177	0.00126	0.906	0.00000498	0.00312	0.00158	0.00297	0.0005
2101 Feb	0.0592	0.0000324	18.3	32.8	0.227	0.00703	8.12	0.0305	0.0296	0.000336	0.00177	0.00126	0.906	0.00000498	0.00312	0.00158	0.00297	0.0005
2101 Mar	0.0593	0.0000324	18.3	32.8	0.227	0.00703	8.12	0.0305	0.0296	0.000337	0.00177	0.00126	0.906	0.00000498	0.00313	0.00158	0.00297	0.0005
2101 Apr	0.0595	0.0000325	18.4	32.9	0.228	0.00706	8.15	0.0306	0.0297	0.000338	0.00178	0.00127	0.91	0.000005	0.00314	0.00159	0.00298	0.000502
2101 May	0.0606	0.0000323	18.2	32.6	0.228	0.007	8.19	0.0303	0.0302	0.000349	0.00176	0.00126	0.903	0.00000498	0.00311	0.00159	0.00298	0.000499
2101 Jun	0.0597	0.0000308	17.4	31	0.218	0.00664	7.93	0.0288	0.0298	0.00035	0.00168	0.0012	0.86	0.00000477	0.00294	0.00153	0.00287	0.000476
2101 Jul	0.0623	0.0000325	18.4	32.8	0.23	0.00704	8.36	0.0304	0.0309	0.000363	0.00177	0.00127	0.909	0.00000505	0.00311	0.00161	0.00302	0.000508
2101 Aug	0.0647	0.0000341	19.4	34.6	0.242	0.00743	8.77	0.032	0.032	0.000376	0.00187	0.00134	0.957	0.00000531	0.00328	0.00169	0.00317	0.000538

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.064	0.0000341	19.4	34.6	0.242	0.00744	8.71	0.0321	0.0316	0.00037	0.00187	0.00134	0.958	0.0000053	0.00329	0.00168	0.00316	0.000538
2101 Oct	0.0633	0.0000341	19.4	34.6	0.242	0.00745	8.66	0.0321	0.0313	0.000365	0.00187	0.00134	0.958	0.00000529	0.00329	0.00168	0.00315	0.000537
2101 Nov	0.0622	0.0000337	19.1	34.2	0.238	0.00734	8.52	0.0317	0.0308	0.000357	0.00184	0.00132	0.945	0.00000521	0.00325	0.00165	0.0031	0.000529
2101 Dec	0.0621	0.0000336	19.1	34.1	0.237	0.00733	8.5	0.0317	0.0308	0.000356	0.00184	0.00132	0.943	0.0000052	0.00324	0.00165	0.00309	0.000527
2102 Jan	0.0621	0.0000336	19.1	34.1	0.237	0.00733	8.5	0.0317	0.0308	0.000356	0.00184	0.00132	0.943	0.0000052	0.00324	0.00165	0.00309	0.000527
2102 Feb	0.0621	0.0000336	19.1	34.1	0.237	0.00733	8.5	0.0317	0.0308	0.000356	0.00184	0.00132	0.943	0.0000052	0.00324	0.00165	0.00309	0.000527
2102 Mar	0.0622	0.0000336	19.1	34.1	0.237	0.00733	8.51	0.0317	0.0308	0.000356	0.00184	0.00132	0.943	0.00000521	0.00325	0.00165	0.0031	0.000528
2102 Apr	0.0623	0.0000337	19.2	34.2	0.238	0.00735	8.53	0.0318	0.0309	0.000357	0.00185	0.00132	0.946	0.00000522	0.00325	0.00165	0.0031	0.000529
2102 May	0.0631	0.0000341	19.4	34.6	0.241	0.00745	8.64	0.0322	0.0313	0.000361	0.00187	0.00134	0.958	0.00000529	0.0033	0.00167	0.00314	0.000536
2102 Jun	0.059	0.0000317	17.9	31.8	0.222	0.00685	8.01	0.0296	0.0304	0.000329	0.00173	0.00124	0.881	0.00000495	0.00303	0.00155	0.00298	0.000495
2102 Jul	0.058	0.0000312	17.6	31.2	0.217	0.00673	7.9	0.0289	0.0303	0.000319	0.0017	0.00122	0.864	0.0000049	0.00297	0.00152	0.00296	0.000491
2102 Aug	0.0591	0.0000322	18.3	32.3	0.225	0.00699	8.16	0.03	0.0308	0.000323	0.00176	0.00127	0.894	0.00000508	0.00307	0.00157	0.00305	0.000515
2102 Sep	0.059	0.0000325	18.4	32.6	0.227	0.00706	8.21	0.0302	0.0307	0.000321	0.00177	0.00128	0.901	0.00000512	0.0031	0.00157	0.00306	0.000521
2102 Oct	0.0569	0.0000314	17.8	31.4	0.218	0.00682	7.93	0.0291	0.03	0.000306	0.00171	0.00123	0.87	0.00000495	0.00299	0.00151	0.00296	0.000503
2102 Nov	0.0568	0.0000313	17.7	31.4	0.217	0.0068	7.9	0.0291	0.0301	0.000304	0.0017	0.00123	0.867	0.00000494	0.00298	0.00151	0.00295	0.000501
2102 Dec	0.0568	0.0000313	17.7	31.4	0.218	0.0068	7.9	0.0291	0.0301	0.000304	0.0017	0.00123	0.868	0.00000494	0.00299	0.00151	0.00295	0.0005
2103 Jan	0.0568	0.0000313	17.7	31.4	0.218	0.0068	7.91	0.0291	0.0301	0.000304	0.00171	0.00123	0.868	0.00000494	0.00299	0.00151	0.00295	0.000501
2103 Feb	0.0568	0.0000313	17.7	31.4	0.218	0.0068	7.91	0.0291	0.0301	0.000304	0.00171	0.00123	0.868	0.00000494	0.00299	0.00151	0.00295	0.000501
2103 Mar	0.0569	0.0000314	17.7	31.4	0.218	0.00681	7.92	0.0291	0.0301	0.000305	0.00171	0.00123	0.868	0.00000495	0.00299	0.00151	0.00295	0.000501
2103 Apr	0.0571	0.0000315	17.8	31.5	0.219	0.00683	7.95	0.0292	0.0302	0.000306	0.00171	0.00124	0.872	0.00000497	0.003	0.00152	0.00297	0.000503
2103 May	0.0581	0.0000316	17.8	31.6	0.22	0.00683	7.99	0.0293	0.0306	0.000316	0.00172	0.00123	0.873	0.00000497	0.003	0.00153	0.00298	0.000501
2103 Jun	0.0571	0.0000295	16.6	29.4	0.206	0.00633	7.6	0.0271	0.0299	0.00032	0.0016	0.00115	0.814	0.00000466	0.00278	0.00145	0.00281	0.000464
2103 Jul	0.0578	0.0000303	17.1	30.3	0.213	0.00654	7.8	0.028	0.0302	0.000321	0.00165	0.00119	0.838	0.00000481	0.00287	0.00149	0.00289	0.000484
2103 Aug	0.0572	0.0000306	17.3	30.6	0.214	0.00663	7.8	0.0283	0.0299	0.000313	0.00166	0.0012	0.847	0.00000485	0.00291	0.00149	0.0029	0.000491
2103 Sep	0.0556	0.0000302	17.1	30.2	0.21	0.00654	7.62	0.028	0.0293	0.000301	0.00164	0.00118	0.836	0.00000477	0.00287	0.00146	0.00285	0.000481
2103 Oct	0.0535	0.0000292	16.4	29.1	0.202	0.0063	7.32	0.027	0.0286	0.000285	0.00158	0.00114	0.805	0.00000459	0.00277	0.0014	0.00274	0.00046
2103 Nov	0.0529	0.0000289	16.3	28.8	0.2	0.00624	7.24	0.0268	0.0284	0.000282	0.00157	0.00113	0.798	0.00000455	0.00275	0.00139	0.00271	0.000455
2103 Dec	0.0529	0.000029	16.3	28.9	0.2	0.00624	7.24	0.0268	0.0284	0.000281	0.00157	0.00113	0.798	0.00000455	0.00275	0.00139	0.00272	0.000455
2104 Jan	0.0529	0.000029	16.3	28.9	0.2	0.00624	7.24	0.0268	0.0284	0.000281	0.00157	0.00113	0.798	0.00000455	0.00275	0.00139	0.00272	0.000455
2104 Feb	0.053	0.000029	16.3	28.9	0.2	0.00624	7.25	0.0268	0.0284	0.000281	0.00157	0.00113	0.798	0.00000455	0.00275	0.00139	0.00272	0.000455
2104 Mar	0.053	0.000029	16.3	28.9	0.2	0.00625	7.25	0.0268	0.0284	0.000282	0.00157	0.00113	0.799	0.00000455	0.00275	0.00139	0.00272	0.000455
2104 Apr	0.0533	0.0000292	16.4	29	0.201	0.00628	7.3	0.027	0.0286	0.000283	0.00158	0.00113	0.804	0.00000458	0.00277	0.0014	0.00273	0.000458
2104 May	0.0547	0.000029	16.3	28.9	0.201	0.00623	7.34	0.0268	0.0292	0.000297	0.00157	0.00112	0.799	0.00000456	0.00274	0.0014	0.00273	0.000453
2104 Jun	0.0538	0.0000274	15.3	27.1	0.191	0.00584	7.07	0.0251	0.0285	0.000301	0.00147	0.00106	0.753	0.00000433	0.00257	0.00135	0.0026	0.000428
2104 Jul	0.0551	0.0000285	16	28.3	0.199	0.00612	7.35	0.0262	0.029	0.000306	0.00154	0.00111	0.786	0.00000452	0.00268	0.00139	0.0027	0.000452
2104 Aug	0.0557	0.0000294	16.6	29.3	0.206	0.00635	7.53	0.0271	0.0291	0.000308	0.00159	0.00115	0.813	0.00000465	0.00278	0.00143	0.00277	0.00047
2104 Sep	0.0546	0.0000292	16.5	29.2	0.204	0.00631	7.42	0.027	0.0286	0.0003	0.00158	0.00114	0.808	0.00000461	0.00277	0.00141	0.00274	0.000466
2104 Oct	0.0533	0.0000286	16.2	28.6	0.199	0.0062	7.25	0.0265	0.0281	0.000289	0.00155	0.00112	0.792	0.00000452	0.00272	0.00138	0.00268	0.000455
2104 Nov	0.053	0.0000285	16.1	28.5	0.198	0.00616	7.21	0.0264	0.0281	0.000287	0.00154	0.00111	0.788	0.0000045	0.0027	0.00137	0.00267	0.000452
2104 Dec	0.053	0.0000285	16.1	28.5	0.198	0.00617	7.22	0.0264	0.0281	0.000287	0.00154	0.00111	0.788	0.0000045	0.00271	0.00137	0.00267	0.000452
2105 Jan	0.053	0.0000285	16.1	28.5	0.198	0.00617	7.21	0.0264	0.0281	0.000287	0.00154	0.00111	0.789	0.0000045	0.00271	0.00137	0.00267	0.000452
2105 Feb	0.053	0.0000285	16.1	28.5	0.198	0.00617	7.22	0.0264	0.0281	0.000287	0.00154	0.00111	0.789	0.0000045	0.00271	0.00137	0.00267	0.000452
2105 Mar	0.053	0.0000285	16.1	28.5	0.198	0.00617	7.22	0.0264	0.0281	0.000287	0.00154	0.00111	0.789	0.0000045	0.00271	0.00137	0.00267	0.000452
2105 Apr	0.0532	0.0000286	16.1	28.6	0.199	0.00619	7.24	0.0265	0.0282	0.000288	0.00155	0.00112	0.792	0.00000451	0.00272	0.00138	0.00268	0.000454
2105 May	0.054	0.0000286	16.1	28.6	0.199	0.00618	7.28	0.0264	0.0285	0.000295	0.00155	0.00112	0.791	0.00000452	0.00271	0.00139	0.00269	0.000453
2105 Jun	0.0545	0.0000283	16	28.3	0.198	0.00611	7.29	0.0261	0.0286	0.000304	0.00153	0.00111	0.783	0.00000448	0.00268	0.00138	0.00267	0.00045
2105 Jul	0.0557	0.0000296	16.8	29.7	0.208	0.00643	7.58	0.0274	0.029	0.000308	0.0016	0.00117	0.821	0.00000469	0.00281	0.00144	0.00277	0.000477
2105 Aug	0.0543	0.0000298	17	30	0.209	0.00651	7.5	0.0278	0.028	0.000297	0.00163	0.00118	0.831	0.0000047	0.00286	0.00144	0.00277	0.00048
2105 Sep	0.0524	0.0000294	16.6	29.6	0.204	0.0064	7.26	0.0275	0.0273	0.000283	0.0016	0.00115	0.817	0.00000459	0.00282	0.0014	0.00271	0.000465
2105 Oct	0.0509	0.0000288	16.3	29	0.199	0.00627	7.06	0.027	0.0267	0.000272	0.00157	0.00113	0.801	0.00000448	0.00277	0.00137	0.00265	0.000452
2105 Nov	0.0504	0.0000285	16.1	28.7	0.197	0.0062	6.97	0.0267	0.0265	0.000268	0.00155	0.00111	0.793	0.00000443	0.00274	0.00135	0.00262	0.000446
2105 Dec	0.0504	0.0000285	16.1	28.7	0.197	0.0062	6.97	0.0267	0.0265	0.000267	0.00155	0.00111	0.793	0.00000443	0.00274	0.00135	0.00262	0.000446
2106 Jan	0.0504	0.0000285	16.1	28.7	0.197	0.0062	6.97	0.0267	0.0265	0.000267	0.00155	0.00111	0.793	0.00000443	0.00274	0.00135	0.00262	0.000446
2106 Feb	0.0504	0.0000285	16.1	28.7	0.197	0.0062	6.98	0.0267	0.0265	0.000267	0.00155	0.00111	0.793	0.00000443	0.00274	0.00135	0.00262	0.000446
2106 Mar	0.0504	0.0000286	16.1	28.7	0.197	0.00621	6.98	0.0267	0.0265	0.000268	0.00155	0.00111	0.793	0.00000443	0.00274	0.00135	0.00262	0.000446
2106 Apr	0.0506	0.0000287	16.2	28.8	0.198	0.00623	7.01	0.0269	0.0267	0.000269	0.00156	0.00112	0.797	0.00000445	0.00275	0.00136	0.00263	0.000448
2106 May	0.0515	0.000029	16.4	29.2	0.2	0.0063	7.1	0.0272	0.0271	0.000274	0.00158	0.00113	0.806	0.0000045	0.00279	0.00138	0.00267	0.000453
2106 Jun	0.0505	0.0000271	15.2	27	0.188	0.00582	6.75	0.0251	0.0267	0.000275	0.00146	0.00105	0.748	0.00000423	0.00257	0.00131	0.00253	0.00042
2106 Jul	0.0514	0.0000282	15.9	28.2	0.195	0.0061	7	0.0262	0.0272	0.000277	0.00153	0.0011	0.78	0.00000442	0.00268	0.00135	0.00263	0.000444
2106 Aug	0.0506	0.0000286	16.2	28.7	0.198	0.00622	7	0.0267	0.0267	0.000268	0.00156	0.00112	0.794	0.00000447	0.00274	0.00136	0.00265	0.000452
2106 Sep	0.049	0.0000284	16	28.5	0.194	0.00616	6.82	0.0266	0.026	0.000256	0.00154	0.0011	0.786	0.0000044	0.00273	0.00133	0.00261	0.000441
2106 Oct	0.0486	0.0000283	15.9	28.4	0.194	0.00614	6.76	0.0266	0.0258	0.000253	0.00154	0.0011	0.785	0.00000437	0.00273	0.00133	0.0026	0.000437
2106 Nov	0.0487	0.0000284	16	28.5	0.194	0.00616	6.77	0.0267	0.0259	0.000254	0.00154	0.0011	0.787	0.00000438	0.00273	0.00133	0.0026	0.000438
2106 Dec	0.0487	0.0000284	16	28.5	0.194	0.00616	6.77	0.0267	0.0259	0.000254	0.00154	0.0011	0.787	0.00000438	0.00273	0.00133	0.00261	0.000438
2107 Jan	0.0487	0.0000284	16	28.5	0.194	0.00616	6.77	0.0267	0.0259	0.000254	0.00154	0.0011	0.788	0.00000438	0.00273	0.00133	0.00261	0.000438
2107 Feb	0.0488	0.0000284	16	28.5	0.194	0.00616	6.78	0.0267	0.0259	0.000254	0.00155	0.0011	0.788	0.00000438	0.00273	0.00133	0.00261	0.000438
2107 Mar	0.0488	0.0000285	16	28.6	0.194	0.00617	6.78	0.0267	0.0259	0.000254	0.00155	0.0011	0.789	0.00000439	0.00274	0.00134	0.00261	0.000439
2107 Apr	0.0489	0.0000285	16	28.6	0.195	0.00618	6.8	0.0268	0.026	0.000254	0.00155	0.00111	0.79	0.0000044	0.00274	0.00134	0.00261	0.00044
2107 May	0.0497	0.0000284	15.9	28.4	0.194	0.00613	6.82	0.0265	0.0263	0.000263	0.00154	0.0011	0.785	0.00000438	0.00272	0.00134	0.00261	0.000436
2107 Jun	0.0512	0.0000274	15.3	27.3	0.189	0.00587	6.77	0.0254	0.0269	0.000283	0.00148	0.00105	0.756	0.00000425	0.0026	0.00132	0.00255	0.000418
2107 Jul	0.0518	0.0000283	15.9	28.3	0.196	0.00609	6.95	0.0263	0.027	0.000284	0.00153	0.0011	0.783	0.00000439	0.0027	0.00136	0.00262	0.000437
2107 Aug	0.0529	0.0000295	16.7	29.7	0.205	0.0064	7.21	0.0276	0.0274	0.000289	0.00161	0.00115	0.821	0.00000458	0.00283	0.00141	0.00272	0.00046
2107 Sep	0.053	0.0000299	16.9	30.1	0.207	0.0065	7.25	0.0281	0.0273	0.000288	0.00163	0.00117	0.832	0.00000463	0.00288	0.00143	0.00275	0.000465
2107 Oct	0.0523	0.0000298	16.8	30	0.205	0.00646	7.16	0.028	0.027	0.000283	0.00162	0.00116	0.828	0.00000459	0.00287	0.00142	0.00273	0.00046
2107 Nov	0.0521	0.0000297	16.7	29.9	0.205	0.00643	7.13	0.0279	0.027	0.000282	0.00162	0.00115	0.825	0.00000457	0.00286	0.00141	0.00272	0.000458
2107 Dec	0.0521	0.0000297	16.7	29.9	0.205	0.00644	7.13	0.0279	0.027	0.000282	0.00162	0.00115	0.825	0.00000457	0.00286	0.00141	0.00272	0.000458
2108 Jan	0.0521	0.0000297	16.7	29.9	0.205	0.00644	7.13	0.0279	0.027	0.000282	0.00162	0.00115	0.826	0.00000457	0.00286	0.00141	0.00272	0.000458

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0522	0.0000297	16.7	29.9	0.205	0.00644	7.13	0.0279	0.027	0.000282	0.00162	0.00115	0.826	0.00000457	0.00286	0.00141	0.00272	0.000458
2108 Mar	0.0522	0.0000297	16.8	29.9	0.205	0.00645	7.14	0.028	0.027	0.000282	0.00162	0.00115	0.827	0.00000458	0.00286	0.00141	0.00272	0.000458
2108 Apr	0.0527	0.00003	16.9	30.2	0.207	0.0065	7.2	0.0282	0.0273	0.000284	0.00163	0.00116	0.834	0.00000462	0.00289	0.00142	0.00275	0.000462
2108 May	0.0536	0.0000305	17.2	30.7	0.21	0.00662	7.33	0.0287	0.0277	0.000289	0.00166	0.00119	0.849	0.0000047	0.00294	0.00145	0.0028	0.000471
2108 Jun	0.0525	0.0000295	16.6	29.5	0.203	0.00636	7.13	0.0275	0.0278	0.00028	0.0016	0.00114	0.816	0.00000458	0.00282	0.0014	0.00274	0.000455
2108 Jul	0.0544	0.000031	17.5	31.1	0.213	0.00672	7.5	0.0289	0.0287	0.000288	0.00169	0.00121	0.858	0.00000483	0.00297	0.00147	0.00288	0.000487
2108 Aug	0.0565	0.0000328	18.6	33	0.226	0.00716	7.94	0.0307	0.0297	0.000297	0.00179	0.00129	0.912	0.00000513	0.00316	0.00155	0.00304	0.000523
2108 Sep	0.0567	0.0000332	18.9	33.4	0.229	0.00725	7.99	0.0312	0.0297	0.000297	0.00182	0.00131	0.923	0.00000518	0.0032	0.00156	0.00307	0.000529
2108 Oct	0.0543	0.0000318	18.1	32	0.219	0.00695	7.66	0.0299	0.0288	0.000281	0.00174	0.00125	0.884	0.00000497	0.00306	0.0015	0.00294	0.000505
2108 Nov	0.0541	0.0000317	17.9	31.8	0.217	0.00691	7.62	0.0297	0.0288	0.000278	0.00173	0.00124	0.879	0.00000494	0.00305	0.00149	0.00292	0.000502
2108 Dec	0.0541	0.0000317	17.9	31.9	0.217	0.00691	7.62	0.0297	0.0288	0.000278	0.00173	0.00124	0.879	0.00000494	0.00305	0.00149	0.00292	0.000502
2109 Jan	0.0541	0.0000317	17.9	31.9	0.217	0.00691	7.62	0.0297	0.0288	0.000278	0.00173	0.00124	0.879	0.00000494	0.00305	0.00149	0.00292	0.000502
2109 Feb	0.0541	0.0000317	18	31.9	0.217	0.00691	7.62	0.0297	0.0288	0.000278	0.00173	0.00124	0.879	0.00000494	0.00305	0.00149	0.00293	0.000502
2109 Mar	0.0541	0.0000317	18	31.9	0.218	0.00692	7.63	0.0297	0.0289	0.000279	0.00173	0.00124	0.88	0.00000495	0.00305	0.00149	0.00293	0.000503
2109 Apr	0.0545	0.0000319	18.1	32.1	0.219	0.00696	7.67	0.0299	0.029	0.00028	0.00174	0.00125	0.885	0.00000498	0.00307	0.0015	0.00295	0.000505
2109 May	0.0556	0.0000318	18	31.8	0.219	0.0069	7.73	0.0296	0.0296	0.000292	0.00173	0.00124	0.88	0.00000497	0.00304	0.0015	0.00294	0.000503
2109 Jun	0.0573	0.0000313	17.7	31.3	0.218	0.00679	7.81	0.029	0.0302	0.00031	0.0017	0.00123	0.867	0.00000494	0.00298	0.0015	0.00293	0.000499
2109 Jul	0.0579	0.0000322	18.4	32.4	0.225	0.00705	8.04	0.03	0.0303	0.00031	0.00176	0.00128	0.896	0.00000511	0.00308	0.00154	0.00301	0.000524
2109 Aug	0.0587	0.0000333	19	33.5	0.232	0.00731	8.25	0.0311	0.0306	0.000312	0.00182	0.00132	0.927	0.00000527	0.0032	0.00158	0.00309	0.000544
2109 Sep	0.0576	0.0000332	19	33.6	0.231	0.0073	8.15	0.0311	0.0301	0.000303	0.00182	0.00132	0.927	0.00000524	0.0032	0.00157	0.00307	0.00054
2109 Oct	0.0551	0.000032	18.2	32.2	0.22	0.00701	7.78	0.03	0.0293	0.000285	0.00174	0.00126	0.889	0.00000502	0.00308	0.0015	0.00294	0.000513
2109 Nov	0.0551	0.000032	18.2	32.2	0.22	0.007	7.77	0.03	0.0293	0.000284	0.00174	0.00126	0.889	0.00000502	0.00308	0.0015	0.00294	0.000512
2109 Dec	0.0551	0.000032	18.2	32.2	0.22	0.00701	7.77	0.03	0.0293	0.000284	0.00174	0.00126	0.89	0.00000502	0.00308	0.0015	0.00294	0.000512
2110 Jan	0.0551	0.000032	18.2	32.2	0.22	0.00701	7.78	0.03	0.0293	0.000284	0.00174	0.00126	0.89	0.00000502	0.00308	0.0015	0.00294	0.000512
2110 Feb	0.0551	0.000032	18.2	32.2	0.221	0.00701	7.78	0.03	0.0293	0.000284	0.00174	0.00126	0.89	0.00000502	0.00308	0.0015	0.00295	0.000513
2110 Mar	0.0552	0.0000321	18.2	32.3	0.221	0.00702	7.79	0.03	0.0294	0.000284	0.00175	0.00126	0.891	0.00000502	0.00308	0.0015	0.00295	0.000513
2110 Apr	0.0553	0.0000322	18.3	32.4	0.221	0.00704	7.81	0.0301	0.0295	0.000285	0.00175	0.00127	0.894	0.00000504	0.00309	0.00151	0.00296	0.000515
2110 May	0.056	0.0000324	18.4	32.6	0.223	0.00708	7.87	0.0303	0.0298	0.00029	0.00176	0.00127	0.9	0.00000507	0.00311	0.00152	0.00298	0.000516
2110 Jun	0.0562	0.00003	16.8	29.9	0.208	0.00645	7.46	0.0278	0.0295	0.00031	0.00162	0.00116	0.829	0.00000469	0.00284	0.00145	0.00279	0.000467
2110 Jul	0.0572	0.000031	17.6	31.1	0.216	0.00673	7.73	0.0288	0.0298	0.000313	0.00168	0.00122	0.861	0.00000488	0.00296	0.00149	0.00288	0.000493
2110 Aug	0.0536	0.0000299	16.8	29.9	0.206	0.00647	7.32	0.0278	0.0283	0.000286	0.00161	0.00116	0.826	0.00000467	0.00285	0.00141	0.00275	0.000469
2110 Sep	0.0507	0.0000286	16	28.5	0.195	0.00616	6.91	0.0266	0.0272	0.000264	0.00154	0.0011	0.788	0.00000444	0.00273	0.00134	0.00262	0.000441
2110 Oct	0.0484	0.0000275	15.3	27.3	0.186	0.0059	6.59	0.0255	0.0265	0.000247	0.00147	0.00105	0.755	0.00000425	0.00261	0.00128	0.00251	0.000418
2110 Nov	0.0479	0.0000272	15.1	27	0.184	0.00584	6.51	0.0253	0.0263	0.000244	0.00146	0.00104	0.748	0.0000042	0.00259	0.00126	0.00248	0.000412
2110 Dec	0.0479	0.0000272	15.1	27.1	0.184	0.00584	6.51	0.0253	0.0263	0.000244	0.00146	0.00104	0.748	0.0000042	0.00259	0.00126	0.00249	0.000412
2111 Jan	0.0479	0.0000273	15.1	27.1	0.184	0.00584	6.51	0.0253	0.0263	0.000244	0.00146	0.00104	0.748	0.0000042	0.00259	0.00126	0.00249	0.000412
2111 Feb	0.0479	0.0000273	15.2	27.1	0.184	0.00584	6.51	0.0253	0.0263	0.000244	0.00146	0.00104	0.748	0.0000042	0.00259	0.00126	0.00249	0.000412
2111 Mar	0.048	0.0000273	15.2	27.1	0.184	0.00585	6.52	0.0253	0.0264	0.000244	0.00146	0.00104	0.749	0.00000421	0.0026	0.00127	0.00249	0.000413
2111 Apr	0.0483	0.0000275	15.3	27.3	0.185	0.00589	6.56	0.0255	0.0266	0.000245	0.00147	0.00105	0.754	0.00000424	0.00261	0.00127	0.00251	0.000415
2111 May	0.0494	0.0000276	15.4	27.4	0.187	0.00591	6.65	0.0256	0.0271	0.000254	0.00148	0.00106	0.758	0.00000427	0.00262	0.00129	0.00253	0.000418
2111 Jun	0.0508	0.0000263	14.5	25.9	0.18	0.00557	6.56	0.0241	0.0275	0.000276	0.0014	0.001	0.719	0.0000041	0.00247	0.00126	0.00245	0.000396
2111 Jul	0.053	0.0000279	15.5	27.7	0.192	0.00596	6.95	0.0257	0.0285	0.000287	0.00149	0.00107	0.767	0.00000436	0.00263	0.00133	0.00259	0.000427
2111 Aug	0.0517	0.0000281	15.7	28	0.192	0.00603	6.89	0.026	0.0277	0.000275	0.00151	0.00108	0.774	0.00000437	0.00266	0.00133	0.00258	0.000429
2111 Sep	0.0509	0.0000282	15.7	28.1	0.192	0.00604	6.81	0.0262	0.0274	0.000268	0.00151	0.00108	0.776	0.00000435	0.00268	0.00132	0.00258	0.000425
2111 Oct	0.0493	0.0000276	15.3	27.4	0.187	0.00588	6.59	0.0256	0.0268	0.000257	0.00147	0.00105	0.757	0.00000423	0.00262	0.00129	0.00251	0.000411
2111 Nov	0.0483	0.000027	14.9	26.8	0.182	0.00576	6.44	0.0251	0.0265	0.000249	0.00144	0.00102	0.74	0.00000414	0.00256	0.00126	0.00246	0.0004
2111 Dec	0.0483	0.000027	14.9	26.8	0.182	0.00576	6.44	0.0251	0.0265	0.000249	0.00144	0.00102	0.741	0.00000414	0.00256	0.00126	0.00246	0.0004
2112 Jan	0.0483	0.000027	14.9	26.8	0.182	0.00576	6.44	0.0251	0.0265	0.000249	0.00144	0.00102	0.741	0.00000414	0.00256	0.00126	0.00246	0.0004
2112 Feb	0.0483	0.0000271	14.9	26.8	0.182	0.00576	6.44	0.0251	0.0265	0.000249	0.00144	0.00102	0.741	0.00000414	0.00257	0.00126	0.00246	0.0004
2112 Mar	0.0484	0.0000271	15	26.8	0.183	0.00577	6.46	0.0251	0.0265	0.00025	0.00145	0.00103	0.742	0.00000415	0.00257	0.00126	0.00246	0.0004
2112 Apr	0.0487	0.0000273	15	27	0.184	0.0058	6.49	0.0253	0.0267	0.000251	0.00145	0.00103	0.746	0.00000417	0.00258	0.00127	0.00248	0.000403
2112 May	0.0498	0.0000273	15.1	27	0.185	0.0058	6.56	0.0253	0.0272	0.000262	0.00145	0.00103	0.748	0.00000418	0.00258	0.00128	0.00249	0.000402
2112 Jun	0.049	0.0000249	13.6	24.5	0.17	0.00522	6.15	0.0228	0.0263	0.000272	0.00132	0.000932	0.679	0.00000383	0.00233	0.0012	0.00231	0.000361
2112 Jul	0.0495	0.0000258	14.2	25.5	0.176	0.00544	6.31	0.0238	0.0265	0.000273	0.00137	0.000972	0.706	0.00000396	0.00243	0.00124	0.00239	0.000377
2112 Aug	0.0506	0.0000271	14.9	26.8	0.185	0.00573	6.52	0.0251	0.0269	0.000277	0.00145	0.00102	0.743	0.00000413	0.00256	0.00129	0.00248	0.000396
2112 Sep	0.0502	0.0000274	15.1	27.2	0.186	0.0058	6.49	0.0255	0.0266	0.000273	0.00146	0.00103	0.752	0.00000414	0.0026	0.0013	0.0025	0.000396
2112 Oct	0.0496	0.0000274	15.1	27.2	0.186	0.0058	6.43	0.0256	0.0263	0.000269	0.00147	0.00103	0.753	0.00000413	0.00261	0.0013	0.00249	0.000393
2112 Nov	0.0496	0.0000275	15.1	27.3	0.186	0.00581	6.42	0.0256	0.0263	0.000268	0.00147	0.00103	0.754	0.00000413	0.00262	0.0013	0.00249	0.000392
2112 Dec	0.0496	0.0000275	15.1	27.3	0.186	0.00581	6.42	0.0257	0.0263	0.000268	0.00147	0.00103	0.755	0.00000413	0.00262	0.0013	0.00249	0.000392
2113 Jan	0.0496	0.0000275	15.1	27.3	0.186	0.00581	6.42	0.0257	0.0263	0.000268	0.00147	0.00103	0.755	0.00000413	0.00262	0.0013	0.00249	0.000392
2113 Feb	0.0496	0.0000275	15.1	27.3	0.186	0.00581	6.42	0.0257	0.0263	0.000268	0.00147	0.00103	0.755	0.00000413	0.00262	0.0013	0.00249	0.000392
2113 Mar	0.0497	0.0000276	15.1	27.4	0.186	0.00583	6.44	0.0257	0.0264	0.000269	0.00148	0.00103	0.757	0.00000414	0.00263	0.0013	0.0025	0.000393
2113 Apr	0.05	0.0000277	15.2	27.5	0.187	0.00586	6.47	0.0259	0.0266	0.00027	0.00148	0.00104	0.761	0.00000416	0.00264	0.00131	0.00251	0.000395
2113 May	0.051	0.0000279	15.3	27.7	0.189	0.00589	6.55	0.026	0.027	0.000279	0.00149	0.00104	0.765	0.00000419	0.00265	0.00133	0.00254	0.000397
2113 Jun	0.0517	0.0000268	14.7	26.5	0.184	0.00563	6.47	0.0248	0.0271	0.000292	0.00143	0.001	0.735	0.00000406	0.00253	0.0013	0.00247	0.000383
2113 Jul	0.0532	0.0000282	15.5	28	0.193	0.00596	6.79	0.0262	0.0276	0.0003	0.00151	0.00106	0.776	0.00000428	0.00267	0.00136	0.00258	0.00041
2113 Aug	0.054	0.0000293	16.3	29.3	0.202	0.00626	7.01	0.0275	0.0279	0.000303	0.00158	0.00112	0.811	0.00000445	0.0028	0.00141	0.00267	0.000431
2113 Sep	0.0531	0.0000293	16.3	29.4	0.201	0.00626	6.93	0.0275	0.0274	0.000295	0.00158	0.00111	0.812	0.00000443	0.00281	0.0014	0.00266	0.000429
2113 Oct	0.0502	0.0000279	15.4	27.8	0.19	0.00594	6.54	0.0262	0.0264	0.000273	0.0015	0.00105	0.77	0.0000042	0.00267	0.00132	0.00252	0.000402
2113 Nov	0.0497	0.0000277	15.2	27.6	0.187	0.00588	6.47	0.0259	0.0264	0.000268	0.00148	0.00104	0.762	0.00000416	0.00264	0.00131	0.0025	0.000397
2113 Dec	0.0497	0.0000277	15.2	27.6	0.187	0.00588	6.47	0.0259	0.0264	0.000268	0.00148	0.00104	0.762	0.00000416	0.00265	0.00131	0.0025	0.000397
2114 Jan	0.0497	0.0000277	15.3	27.6	0.187	0.00588	6.47	0.0259	0.0264	0.000268	0.00148	0.00104	0.763	0.00000416	0.00265	0.00131	0.0025	0.000397
2114 Feb	0.0498	0.0000277	15.3	27.6	0.187	0.00588	6.47	0.0259	0.0264	0.000268	0.00148	0.00104	0.763	0.00000416	0.00265	0.00131	0.0025	0.000397
2114 Mar	0.0498	0.0000277	15.3	27.6	0.188	0.00589	6.48	0.026	0.0265	0.000269	0.00149	0.00104	0.764	0.00000417	0.00265	0.00131	0.00251	0.000398
2114 Apr	0.05	0.0000278	15.3	27.7	0.188	0.00591	6.51	0.0261	0.0266	0.00027	0.00149	0.00105	0.767	0.00000418	0.00266	0.00132	0.00251	0.000399
2114 May	0.0508	0.0000276	15.2	27.5	0.188	0.00585	6.52	0.0258	0.0268	0.000279	0.00148	0.00104	0.761	0.00000415	0.00263	0.00132	0.00251	0.000394
2114 Jun	0.0526	0.0000277	15.2	27.5	0.19	0.00585	6.63	0.0258	0.0275	0.000296	0.00148	0.00104	0.763	0.00000417	0.00263	0.00134	0.00253	0.000394

Appendix D.2-2: CP7

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.0549	0.0000296	16.4	29.6	0.203	0.0063	7.05	0.0277	0.0285	0.000308	0.00159	0.00112	0.819	0.00000447	0.00283	0.00142	0.00269	0.000428
2114 Aug	0.0574	0.0000315	17.5	31.5	0.216	0.00672	7.43	0.0296	0.0296	0.00032	0.0017	0.00119	0.872	0.00000474	0.00302	0.00151	0.00285	0.000456
2114 Sep	0.0561	0.0000314	17.4	31.5	0.214	0.0067	7.31	0.0296	0.0289	0.000311	0.00169	0.00119	0.87	0.0000047	0.00302	0.0015	0.00282	0.000452
2114 Oct	0.0542	0.0000307	17	30.8	0.209	0.00656	7.08	0.0291	0.0281	0.000296	0.00166	0.00116	0.852	0.00000458	0.00297	0.00146	0.00275	0.000439
2114 Nov	0.0528	0.0000301	16.6	30.1	0.203	0.00641	6.89	0.0284	0.0277	0.000285	0.00162	0.00113	0.832	0.00000447	0.0029	0.00142	0.00269	0.000426
2114 Dec	0.0527	0.0000301	16.6	30.1	0.203	0.0064	6.88	0.0284	0.0277	0.000285	0.00162	0.00113	0.831	0.00000446	0.0029	0.00142	0.00269	0.000425
2115 Jan	0.0527	0.0000301	16.6	30.1	0.203	0.0064	6.88	0.0284	0.0277	0.000285	0.00162	0.00113	0.832	0.00000446	0.0029	0.00142	0.00269	0.000425
2115 Feb	0.0528	0.0000301	16.6	30.1	0.203	0.0064	6.88	0.0284	0.0277	0.000285	0.00162	0.00113	0.832	0.00000446	0.0029	0.00142	0.00269	0.000425
2115 Mar	0.0528	0.0000301	16.6	30.1	0.203	0.00641	6.89	0.0284	0.0277	0.000285	0.00162	0.00113	0.833	0.00000447	0.0029	0.00142	0.00269	0.000425
2115 Apr	0.0531	0.0000303	16.7	30.3	0.204	0.00644	6.92	0.0286	0.0279	0.000286	0.00163	0.00113	0.837	0.00000449	0.00292	0.00143	0.0027	0.000427
2115 May	0.0535	0.0000301	16.6	30.1	0.204	0.00639	6.93	0.0283	0.028	0.000292	0.00162	0.00113	0.831	0.00000447	0.00289	0.00142	0.00269	0.000425
2115 Jun	0.0555	0.0000306	16.9	30.6	0.208	0.0065	7.13	0.0288	0.0289	0.000306	0.00165	0.00115	0.847	0.00000457	0.00294	0.00146	0.00275	0.000434
2115 Jul	0.0573	0.0000323	17.9	32.4	0.22	0.00691	7.5	0.0305	0.0297	0.000315	0.00174	0.00122	0.896	0.00000483	0.00311	0.00153	0.0029	0.000466
2115 Aug	0.0556	0.0000322	17.9	32.4	0.219	0.0069	7.36	0.0305	0.0287	0.000303	0.00174	0.00122	0.894	0.00000478	0.00312	0.00152	0.00287	0.000463
2115 Sep	0.0551	0.0000324	18	32.7	0.22	0.00695	7.32	0.0309	0.0284	0.000298	0.00176	0.00122	0.901	0.00000479	0.00315	0.00152	0.00287	0.000462
2115 Oct	0.0547	0.0000325	18.1	32.8	0.22	0.00698	7.29	0.0311	0.0281	0.000294	0.00177	0.00123	0.905	0.00000479	0.00317	0.00152	0.00288	0.000462
2115 Nov	0.0539	0.0000322	17.9	32.5	0.218	0.00692	7.19	0.0308	0.0277	0.000289	0.00175	0.00121	0.897	0.00000474	0.00314	0.00151	0.00284	0.000456
2115 Dec	0.0538	0.0000322	17.8	32.5	0.217	0.00691	7.18	0.0308	0.0278	0.000288	0.00175	0.00121	0.896	0.00000473	0.00314	0.0015	0.00284	0.000455
2116 Jan	0.0538	0.0000322	17.9	32.5	0.217	0.00691	7.18	0.0308	0.0278	0.000288	0.00175	0.00121	0.896	0.00000473	0.00314	0.0015	0.00284	0.000455
2116 Feb	0.0539	0.0000322	17.9	32.5	0.217	0.00691	7.19	0.0308	0.0278	0.000288	0.00175	0.00121	0.896	0.00000473	0.00314	0.0015	0.00284	0.000455
2116 Mar	0.0539	0.0000322	17.9	32.5	0.218	0.00692	7.19	0.0308	0.0278	0.000289	0.00175	0.00121	0.897	0.00000474	0.00314	0.00151	0.00285	0.000456
2116 Apr	0.0542	0.0000324	18	32.7	0.219	0.00695	7.23	0.0309	0.028	0.00029	0.00176	0.00122	0.901	0.00000476	0.00316	0.00151	0.00286	0.000458
2116 May	0.055	0.0000325	18	32.8	0.22	0.00696	7.26	0.031	0.0283	0.000297	0.00176	0.00122	0.904	0.00000477	0.00316	0.00153	0.00287	0.000456
2116 Jun	0.054	0.0000298	16.4	29.8	0.203	0.0063	6.84	0.0281	0.0276	0.000304	0.00161	0.00111	0.825	0.00000439	0.00287	0.00143	0.00267	0.000414
2116 Jul	0.056	0.0000314	17.3	31.5	0.214	0.00668	7.2	0.0297	0.0285	0.000314	0.0017	0.00118	0.871	0.00000464	0.00303	0.0015	0.00281	0.000443
2116 Aug	0.0578	0.0000328	18.2	33.1	0.224	0.00702	7.51	0.0312	0.0293	0.000323	0.00178	0.00124	0.914	0.00000486	0.00318	0.00157	0.00294	0.000467
2116 Sep	0.0556	0.0000322	17.8	32.4	0.219	0.00688	7.28	0.0306	0.0284	0.000306	0.00174	0.00121	0.894	0.00000474	0.00312	0.00152	0.00286	0.000454
2116 Oct	0.0534	0.0000313	17.3	31.4	0.211	0.00667	7	0.0298	0.0277	0.000289	0.00169	0.00117	0.868	0.00000459	0.00303	0.00147	0.00277	0.000437
2116 Nov	0.0534	0.0000313	17.2	31.5	0.211	0.00667	6.99	0.0298	0.0277	0.000288	0.00169	0.00117	0.868	0.00000458	0.00304	0.00147	0.00277	0.000436
2116 Dec	0.0533	0.0000313	17.3	31.5	0.211	0.00667	6.98	0.0298	0.0277	0.000288	0.00169	0.00117	0.868	0.00000458	0.00304	0.00147	0.00277	0.000435
2117 Jan	0.0533	0.0000313	17.3	31.5	0.211	0.00667	6.98	0.0298	0.0277	0.000288	0.00169	0.00117	0.868	0.00000458	0.00304	0.00147	0.00277	0.000435
2117 Feb	0.0534	0.0000313	17.3	31.5	0.211	0.00668	6.99	0.0298	0.0277	0.000288	0.00169	0.00117	0.868	0.00000458	0.00304	0.00147	0.00277	0.000435
2117 Mar	0.0534	0.0000313	17.3	31.5	0.211	0.00668	6.99	0.0298	0.0277	0.000288	0.00169	0.00117	0.869	0.00000459	0.00304	0.00147	0.00277	0.000436
2117 Apr	0.0537	0.0000315	17.4	31.7	0.212	0.00672	7.04	0.03	0.0279	0.00029	0.0017	0.00118	0.875	0.00000462	0.00306	0.00148	0.00279	0.000439
2117 May	0.0547	0.0000317	17.5	31.8	0.214	0.00675	7.11	0.0301	0.0283	0.000298	0.00171	0.00118	0.879	0.00000465	0.00307	0.0015	0.00281	0.000441
2117 Jun	0.0562	0.0000314	17.3	31.5	0.213	0.00667	7.18	0.0297	0.029	0.000313	0.00169	0.00117	0.87	0.00000463	0.00303	0.0015	0.00281	0.000437
2117 Jul	0.0585	0.0000331	18.3	33.3	0.226	0.00707	7.59	0.0314	0.03	0.000324	0.00179	0.00125	0.92	0.0000049	0.0032	0.00158	0.00296	0.000468
2117 Aug	0.0595	0.0000342	19	34.5	0.233	0.00735	7.82	0.0326	0.0303	0.000328	0.00186	0.0013	0.953	0.00000507	0.00332	0.00162	0.00305	0.00049
2117 Sep	0.0598	0.0000348	19.3	35.1	0.237	0.00747	7.89	0.0332	0.0304	0.000329	0.00189	0.00132	0.969	0.00000514	0.00338	0.00165	0.00309	0.000497
2117 Oct	0.0589	0.0000345	19.2	34.8	0.234	0.0074	7.78	0.0329	0.0301	0.000323	0.00187	0.0013	0.961	0.00000508	0.00336	0.00163	0.00306	0.000491
2117 Nov	0.0586	0.0000343	19	34.6	0.233	0.00736	7.73	0.0327	0.0299	0.00032	0.00186	0.00129	0.955	0.00000505	0.00334	0.00162	0.00304	0.000487
2117 Dec	0.0585	0.0000342	19	34.6	0.232	0.00735	7.72	0.0327	0.0299	0.000319	0.00186	0.00129	0.953	0.00000504	0.00333	0.00162	0.00303	0.000486
2118 Jan	0.0585	0.0000342	19	34.6	0.232	0.00735	7.72	0.0327	0.0299	0.000319	0.00186	0.00129	0.953	0.00000504	0.00333	0.00162	0.00303	0.000486
2118 Feb	0.0585	0.0000342	19	34.6	0.232	0.00735	7.72	0.0327	0.0299	0.000319	0.00186	0.00129	0.953	0.00000504	0.00333	0.00162	0.00303	0.000486
2118 Mar	0.0585	0.0000342	19	34.6	0.233	0.00735	7.73	0.0327	0.03	0.000319	0.00186	0.00129	0.954	0.00000505	0.00333	0.00162	0.00304	0.000486
2118 Apr	0.0588	0.0000344	19.1	34.7	0.234	0.00738	7.76	0.0328	0.0301	0.000321	0.00187	0.0013	0.958	0.00000507	0.00335	0.00162	0.00305	0.000488
2118 May	0.0598	0.0000334	18.5	33.6	0.228	0.00713	7.71	0.0317	0.0304	0.000335	0.00181	0.00126	0.928	0.00000495	0.00323	0.0016	0.00299	0.000474
2118 Jun	0.0587	0.0000309	17.1	31	0.214	0.00656	7.37	0.0291	0.0297	0.000341	0.00167	0.00116	0.858	0.00000462	0.00296	0.00151	0.0028	0.00044
2118 Jul	0.0614	0.0000329	18.3	33.1	0.228	0.00704	7.84	0.031	0.0308	0.000355	0.00178	0.00125	0.917	0.00000494	0.00317	0.0016	0.00297	0.000478
2118 Aug	0.0601	0.0000329	18.3	33.2	0.228	0.00706	7.76	0.0312	0.0301	0.000345	0.00179	0.00125	0.918	0.00000492	0.00318	0.00159	0.00296	0.000477
2118 Sep	0.0566	0.0000317	17.6	31.9	0.217	0.00678	7.33	0.0301	0.0287	0.000318	0.00171	0.0012	0.882	0.0000047	0.00306	0.00152	0.00283	0.000452
2118 Oct	0.0544	0.0000309	17.1	31.2	0.211	0.00661	7.06	0.0294	0.0279	0.000301	0.00167	0.00116	0.86	0.00000456	0.003	0.00147	0.00275	0.000436
2118 Nov	0.0538	0.0000307	17	30.9	0.209	0.00656	6.99	0.0292	0.0277	0.000296	0.00166	0.00115	0.854	0.00000453	0.00298	0.00146	0.00273	0.000431
2118 Dec	0.0539	0.0000308	17	30.9	0.209	0.00656	7	0.0292	0.0278	0.000296	0.00166	0.00115	0.854	0.00000453	0.00298	0.00146	0.00273	0.000431
2119 Jan	0.0539	0.0000308	17	30.9	0.209	0.00656	7	0.0292	0.0278	0.000296	0.00166	0.00115	0.855	0.00000453	0.00298	0.00146	0.00273	0.000431
2119 Feb	0.0539	0.0000308	17	31	0.209	0.00657	7	0.0292	0.0278	0.000296	0.00166	0.00115	0.855	0.00000453	0.00298	0.00146	0.00273	0.000431
2119 Mar	0.054	0.0000308	17	31	0.209	0.00658	7.01	0.0293	0.0278	0.000297	0.00167	0.00116	0.856	0.00000454	0.00299	0.00146	0.00274	0.000432
2119 Apr	0.0545	0.000031	17.1	31.2	0.211	0.00662	7.07	0.0295	0.0281	0.0003	0.00168	0.00116	0.863	0.00000457	0.00301	0.00147	0.00276	0.000435
2119 May	0.0555	0.0000298	16.4	29.8	0.204	0.00631	6.97	0.0281	0.0282	0.000311	0.0016	0.00111	0.826	0.0000044	0.00286	0.00144	0.00266	0.000415
2119 Jun	0.055	0.0000294	16.2	29.5	0.202	0.00623	6.9	0.0277	0.0279	0.00031	0.00158	0.0011	0.816	0.00000435	0.00282	0.00143	0.00264	0.000411
2119 Jul	0.0572	0.0000312	17.3	31.4	0.215	0.00666	7.28	0.0296	0.0288	0.000319	0.00169	0.00117	0.869	0.00000463	0.00301	0.00151	0.00279	0.000442
2119 Aug	0.0578	0.0000322	17.8	32.4	0.221	0.00687	7.42	0.0306	0.0291	0.000321	0.00174	0.00121	0.896	0.00000475	0.00312	0.00155	0.00286	0.000454
2119 Sep	0.0559	0.0000317	17.6	32	0.217	0.00678	7.22	0.0303	0.0282	0.000307	0.00172	0.00119	0.885	0.00000466	0.00309	0.00152	0.00281	0.000444
2119 Oct	0.0543	0.0000313	17.3	31.6	0.213	0.00669	7.04	0.0299	0.0275	0.000295	0.0017	0.00117	0.872	0.00000457	0.00305	0.00149	0.00276	0.000435
2119 Nov	0.0536	0.000031	17.1	31.2	0.21	0.00661	6.95	0.0296	0.0273	0.000289	0.00168	0.00116	0.862	0.00000452	0.00301	0.00147	0.00273	0.000428
2119 Dec	0.0536	0.000031	17.1	31.2	0.21	0.00661	6.95	0.0296	0.0274	0.000289	0.00168	0.00116	0.862	0.00000452	0.00301	0.00147	0.00273	0.000428

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	59.9	0.0584	0.0793	0.00191	14.9	0.0273	5.48	0.000957	0.000957	0.00000483	0.00705	0.0204	0.0115	0.0169	0.00000484	15.4	0.0000185	0.000274	0.000187	0.000862
Operation (2026-2036): Mean	95.4	0.107	0.325	0.00544	29.5	0.0369	14.1	0.00105	0.00105	0.00000544	0.00813	0.026	0.0258	0.0205	0.00000552	18.9	0.0000235	0.00062	0.000244	0.00106
Operation (2026-2036): Max	166	0.206	0.834	0.0121	59.7	0.0525	30.9	0.00124	0.00124	0.0000064	0.00953	0.0339	0.0508	0.0239	0.00000649	23.2	0.0000295	0.00122	0.000304	0.00142
Active Closure (2037-2043): Min	35.5	0.0142	0.00594	0.000946	6.7	0.0205	2.44	0.000945	0.000945	0.00000473	0.00605	0.000962	0.00856	0.0124	0.00000473	10.4	0.0000122	0.000152	0.000112	0.000669
Active Closure (2037-2043): Mean	59.2	0.0542	0.0223	0.00117	13.4	0.0284	4.91	0.00103	0.00103	0.00000517	0.00742	0.00449	0.0106	0.0231	0.00000517	19.4	0.0000195	0.000292	0.000288	0.000944
Active Closure (2037-2043): Max	93.5	0.102	0.0795	0.00193	22.1	0.0384	7.69	0.00115	0.00115	0.00000577	0.00844	0.0222	0.0137	0.0418	0.00000577	34	0.0000234	0.000464	0.000624	0.00134
Post Closure (2044-2119): Min	45.4	0.0281	0.009	0.000889	8.93	0.0226	3.12	0.000889	0.000889	0.00000445	0.00615	0.00104	0.00855	0.0164	0.00000445	14	0.0000156	0.000233	0.000182	0.000743
Post Closure (2044-2119): Mean	67.1	0.0588	0.0145	0.00107	15.1	0.0278	5.32	0.00107	0.00107	0.00000536	0.00763	0.00145	0.0104	0.0278	0.00000536	23.1	0.0000207	0.000329	0.000372	0.00104
Post Closure (2044-2119): Max	85.1	0.085	0.0188	0.00128	19.6	0.0343	6.96	0.00128	0.00128	0.0000064	0.00906	0.00181	0.0122	0.0363	0.0000064	29.9	0.0000263	0.000414	0.000514	0.0013
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	61.2	0.0696	0.0948	0.00349	16.1	0.0293	5.48	0.000962	0.000962	0.00000487	0.00705	0.0249	0.0115	0.0204	0.00000487	17.4	0.0000185	0.000274	0.000243	0.000862
2026 Feb	61.2	0.0696	0.0948	0.00349	16.1	0.0293	5.49	0.000962	0.000962	0.00000487	0.00705	0.0249	0.0115	0.0204	0.00000487	17.4	0.0000185	0.000275	0.000243	0.000863
2026 Mar	61.3	0.0696	0.0948	0.00349	16.1	0.0293	5.49	0.000962	0.000962	0.00000487	0.00705	0.0254	0.0116	0.0204	0.00000487	17.4	0.0000186	0.000275	0.000243	0.000863
2026 Apr	61.5	0.0698	0.0951	0.0035	16.1	0.0294	5.51	0.000965	0.000965	0.00000489	0.00707	0.0276	0.0116	0.0205	0.00000489	17.5	0.0000186	0.000276	0.000244	0.000866
2026 May	62.2	0.0707	0.0962	0.00354	16.3	0.0297	5.57	0.000977	0.000977	0.00000494	0.00715	0.0284	0.0117	0.0207	0.00000494	17.7	0.0000188	0.000279	0.000247	0.000876
2026 Jun	70.3	0.0787	0.16	0.00408	19.7	0.031	8.33	0.000965	0.000965	0.00000493	0.00719	0.0252	0.0161	0.02	0.00000495	17.5	0.0000197	0.000385	0.000239	0.000907
2026 Jul	74.8	0.0837	0.181	0.00437	21.2	0.0325	9.28	0.000998	0.000998	0.00000511	0.00746	0.0258	0.0177	0.0206	0.00000514	18.2	0.0000206	0.000424	0.000247	0.000948
2026 Aug	76.2	0.0852	0.183	0.00444	21.6	0.0333	9.45	0.00102	0.00102	0.00000522	0.00761	0.0266	0.018	0.021	0.00000526	18.5	0.000021	0.000432	0.000251	0.000969
2026 Sep	77.3	0.0865	0.186	0.00451	21.9	0.0338	9.58	0.00104	0.00104	0.0000053	0.00773	0.0274	0.0183	0.0214	0.00000534	18.8	0.0000213	0.000438	0.000255	0.000984
2026 Oct	76.5	0.0861	0.183	0.00444	21.7	0.0337	9.46	0.00103	0.00103	0.00000526	0.00768	0.0271	0.0181	0.0212	0.00000529	18.6	0.0000211	0.000432	0.000252	0.000976
2026 Nov	76.6	0.0864	0.183	0.00444	21.7	0.0338	9.48	0.00103	0.00103	0.00000527	0.0077	0.0272	0.0181	0.0212	0.00000531	18.7	0.0000211	0.000433	0.000252	0.000979
2026 Dec	76.7	0.0865	0.183	0.00444	21.7	0.0339	9.49	0.00103	0.00103	0.00000528	0.00771	0.0272	0.0182	0.0212	0.00000531	18.7	0.0000211	0.000433	0.000252	0.00098
2027 Jan	76.7	0.0865	0.183	0.00444	21.7	0.0339	9.49	0.00103	0.00103	0.00000528	0.00771	0.0272	0.0182	0.0212	0.00000531	18.7	0.0000211	0.000433	0.000252	0.00098
2027 Feb	76.7	0.0865	0.183	0.00444	21.7	0.0339	9.49	0.00103	0.00103	0.00000528	0.00771	0.0272	0.0182	0.0212	0.00000531	18.7	0.0000211	0.000433	0.000253	0.00098
2027 Mar	76.7	0.0866	0.183	0.00444	21.7	0.0339	9.49	0.00103	0.00103	0.00000528	0.00771	0.0272	0.0182	0.0212	0.00000531	18.7	0.0000211	0.000433	0.000253	0.000981
2027 Apr	77.1	0.087	0.184	0.00446	21.8	0.034	9.54	0.00104	0.00104	0.00000531	0.00775	0.0273	0.0182	0.0214	0.00000534	18.8	0.0000212	0.000435	0.000254	0.000986
2027 May	78.3	0.0883	0.186	0.00453	22.2	0.0346	9.68	0.00105	0.00105	0.00000539	0.00787	0.0286	0.0185	0.0217	0.00000542	19.1	0.0000216	0.000442	0.000258	0.001
2027 Jun	125	0.151	0.549	0.00867	42.6	0.0429	21.4	0.00101	0.00101	0.00000535	0.00798	0.0272	0.0362	0.0211	0.00000549	20.3	0.0000242	0.00087	0.000259	0.00118
2027 Jul	160	0.198	0.8	0.0116	57.2	0.0499	29.6	0.00102	0.00102	0.00000553	0.00834	0.0265	0.0487	0.0216	0.00000574	22	0.0000267	0.00117	0.000272	0.00135
2027 Aug	166	0.206	0.834	0.0121	59.7	0.0521	30.9	0.00106	0.00106	0.00000577	0.00871	0.0281	0.0508	0.0225	0.00000599	23	0.0000279	0.00122	0.000284	0.00141
2027 Sep	165	0.205	0.827	0.012	59.2	0.052	30.6	0.00106	0.00106	0.00000576	0.0087	0.0282	0.0504	0.0225	0.00000597	22.9	0.0000277	0.00121	0.000282	0.0014
2027 Oct	163	0.203	0.814	0.0119	58.4	0.0516	30.2	0.00106	0.00106	0.00000571	0.00863	0.028	0.0498	0.0223	0.00000592	22.7	0.0000274	0.0012	0.000279	0.00139
2027 Nov	163	0.203	0.812	0.0118	58.3	0.0515	30.2	0.00105	0.00105	0.00000571	0.00863	0.028	0.0497	0.0222	0.00000592	22.6	0.0000274	0.00119	0.000278	0.00139
2027 Dec	163	0.202	0.811	0.0118	58.3	0.0515	30.1	0.00105	0.00105	0.00000571	0.00863	0.0279	0.0496	0.0222	0.00000592	22.6	0.0000274	0.00119	0.000278	0.00139
2028 Jan	163	0.202	0.811	0.0118	58.3	0.0515	30.1	0.00105	0.00105	0.00000571	0.00863	0.0279	0.0496	0.0222	0.00000592	22.6	0.0000274	0.00119	0.000278	0.00139
2028 Feb	163	0.202	0.811	0.0118	58.3	0.0515	30.1	0.00105	0.00105	0.00000571	0.00863	0.0279	0.0496	0.0223	0.00000592	22.6	0.0000274	0.00119	0.000279	0.00139
2028 Mar	163	0.202	0.811	0.0118	58.3	0.0515	30.1	0.00105	0.00105	0.00000571	0.00863	0.0279	0.0496	0.0223	0.00000592	22.6	0.0000274	0.00119	0.000279	0.00139
2028 Apr	163	0.203	0.813	0.0119	58.4	0.0517	30.2	0.00106	0.00106	0.00000572	0.00865	0.028	0.0497	0.0223	0.00000594	22.7	0.0000275	0.0012	0.00028	0.00139
2028 May	165	0.205	0.822	0.012	59.1	0.0522	30.5	0.00107	0.00107	0.00000579	0.00875	0.0288	0.0503	0.0226	0.000006	23	0.0000278	0.00121	0.000283	0.00141
2028 Jun	152	0.185	0.74	0.0109	53.6	0.0487	27.6	0.00105	0.00105	0.00000563	0.0085	0.0288	0.0461	0.0213	0.00000582	21.5	0.0000269	0.00111	0.000263	0.00132
2028 Jul	148	0.179	0.714	0.0105	52	0.0481	26.8	0.00106	0.00106	0.00000571	0.00861	0.0283	0.045	0.0211	0.00000589	21.3	0.0000271	0.00108	0.000259	0.0013
2028 Aug	159	0.193	0.767	0.0113	55.9	0.0517	28.7	0.00114	0.00114	0.00000614	0.00925	0.0311	0.0483	0.0227	0.00000634	22.8	0.0000292	0.00116	0.000278	0.0014
2028 Sep	161	0.195	0.775	0.0114	56.5	0.0525	29.1	0.00116	0.00116	0.00000623	0.0094	0.032	0.0489	0.023	0.00000643	23.2	0.0000295	0.00117	0.000282	0.00142
2028 Oct	147	0.182	0.692	0.0103	51.3	0.0498	26.3	0.0011	0.0011	0.00000589	0.00895	0.029	0.0444	0.0217	0.00000607	21.7	0.0000274	0.00106	0.00026	0.00133
2028 Nov	147	0.182	0.687	0.0102	51.1	0.0499	26.2	0.00111	0.00111	0.0000059	0.00897	0.0288	0.0442	0.0217	0.00000608	21.7	0.0000273	0.00105	0.00026	0.00134
2028 Dec	147	0.182	0.687	0.0102	51.1	0.05	26.2	0.00111	0.00111	0.0000059	0.00898	0.0288	0.0442	0.0217	0.00000608	21.8	0.0000273	0.00105	0.00026	0.00134
2029 Jan	147	0.182	0.687	0.0102	51.1	0.0499	26.1	0.00111	0.00111	0.0000059	0.00898	0.0288	0.0442	0.0217	0.00000608	21.8	0.0000273	0.00105	0.00026	0.00134
2029 Feb	147	0.182	0.686	0.0102	51.1	0.0499	26.1	0.00111	0.00111	0.0000059	0.00898	0.0288	0.0442	0.0218	0.00000608	21.8	0.0000273	0.00105	0.00026	0.00134
2029 Mar	147	0.182	0.686	0.0102	51.1	0.0499	26.1	0.00111	0.00111	0.0000059	0.00898	0.0288	0.0442	0.0218	0.00000608	21.8	0.0000273	0.00105	0.000261	0.00134
2029 Apr	147	0.182	0.687	0.0102	51.2	0.05	26.2	0.00111	0.00111	0.00000591	0.00899	0.0288	0.0443	0.0218	0.00000609	21.8	0.0000274	0.00105	0.000261	0.00134
2029 May	148	0.184	0.695	0.0103	51.7	0.0505	26.5	0.00112	0.00112	0.00000598	0.00909	0.0293	0.0447	0.0221	0.00000616	22.1	0.0000277	0.00106	0.000264	0.00135
2029 Jun	141	0.172	0.645	0.00967	48.5	0.0487	24.7	0.00113	0.00113	0.00000599	0.00909	0.0328	0.0424	0.0215	0.00000616	21.3	0.0000277	0.00101	0.000254	0.00131
2029 Jul	108	0.123	0.456	0.00704	35.5	0.0391	17.9	0.00103	0.00103	0.00000541	0.00817	0.0239	0.0322	0.0178	0.00000553	17.4	0.0000248	0.000755	0.000203	0.00107
2029 Aug	112	0.128	0.472	0.0073	36.9	0.0407	18.5	0.00108	0.00108	0.00000563	0.00849	0.0253	0.0334	0.0185	0.00000575	18	0.0000257	0.000783	0.00021	0.00111
2029 Sep	114	0.13	0.479	0.00741	37.5	0.0415	18.8	0.00109	0.00109	0.00000573	0.00864	0.0262	0.034	0.0188	0.00000585	18.4	0.0000261	0.000795	0.000214	0.00113
2029 Oct	112	0.129	0.472	0.00731	37	0.0412	18.6	0.00109	0.00109	0.00000568	0.00857	0.0261	0.0335	0.0187	0.0000058	18.2	0.0000258	0.000784	0.000212	0.00112
2029 Nov	108	0.125	0.448	0.00696	35.4	0.0402	17.8	0.00106	0.00106	0.00000552	0.00836	0.0248	0.0321	0.0182	0.00000564	17.7	0.0000249	0.00075	0.000204	0.00109
2029 Dec	108	0.125	0.447	0.00695	35.4	0.0403	17.7	0.00106	0.00106	0.00000552	0.00836	0.0247	0.0321	0.0182	0.00000564	17.7	0.0000249	0.000749	0.000204	0.00109
2030 Jan	108	0.125	0.446	0.00694	35.4	0.0403	17.7	0.00106	0.00106	0.00000552	0.00836	0.0247	0.0321	0.0182	0.00000564	17.7	0.0000249	0.000748	0.000204	0.00109
2030 Feb	108	0.125	0.446	0.00694	35.4	0.0403	17.7	0.00106	0.00106	0.00000552	0.00836	0.0247	0.0321	0.0182	0.00000564	17.7	0.0000249	0.000748	0.000205	0.00109
2030 Mar	108	0.125	0.447	0.00694	35.4	0.0403	17.7	0.00106	0.00106	0.00000553	0.00837	0.0247	0.0321	0.0182	0.00000564	17.7	0.0000249	0.000749	0.000205	0.00109
2030 Apr	108	0.125	0.447	0.00695	35.5	0.0404	17.8	0.00106	0.00106	0.00000554	0.00838	0.0247	0.0321	0.0183	0.00000565	17.8	0.0000249	0.00075	0.000206	0.00109
2030 May	110	0.127	0.454	0.00706	36	0.041	18.1	0.00108	0.00108	0.00000562	0.00851	0.0273	0.0326	0.0186	0.00000574	18.1	0.0000253	0.000762	0.000209	0.00111
2030 Jun	103	0.117	0.413	0.0065	33.2	0.039	16.6	0.00107	0.00107	0.00000555	0.00839	0.0274	0.0305	0.0179	0.00000566	17.3	0.000025	0.00071	0.000199	0.00106
2030 Jul	97.6	0.108	0.382	0.00608	31.1	0.0376	15.5	0.00106	0.00106	0.00000551	0.00831	0.0258	0.0289	0.0174	0.00000561	16.7	0.0000248	0.00067	0.000191	0.00102
2030 Aug	101	0.112	0.393	0.00627	32.1	0.0389	15.9	0.0011	0.0011	0.0000057	0.00859	0.0271	0.0298	0.018	0.0000058	17.2	0.0000256	0.000691	0.000197	0.00106
2030 Sep	104	0.115	0.406	0.00647	33.2	0.0402	16.5	0.00113	0.00113	0.00000589	0.00887	0.0285	0.0308	0.0185	0.00000599	17.8	0.0000264	0.000713	0.000204	0.00109
2030 Oct	103	0.115	0.402	0.00641	32.9	0.04	16.3	0.00113	0.00113	0.00000585	0.00882	0.0285	0.0306	0.0184	0.00000595	17.7	0.0000262	0.000707	0.000202	0.00109
2030 Nov	102	0.114	0.395	0.00631	32.5	0.0398	16.1	0.00112	0.00112	0.0000058	0.00876	0.0281	0.0302	0.0183	0.0000059	17.6	0.0000259	0.000697	0.0002	0.00108
2030 Dec	102	0.114	0.395	0.00631	32.4	0.0398	16.1	0.00112	0.00112	0.0000058	0.00876	0.028	0.0301	0.0183	0.0000059	17.6	0.0000259	0.000697	0.0002	0.00108
2031 Jan	102	0.114	0.395	0.0063	32.4	0.0398	16.1	0.00112	0.00112	0.0000058	0.00876	0.028	0.0301	0.0183	0.0000059	17.6	0.0000259	0.000697	0.0002	0.00108

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	102	0.114	0.394	0.0063	32.4	0.0398	16.1	0.00112	0.00112	0.0000058	0.00876	0.028	0.0301	0.0183	0.0000059	17.6	0.0000259	0.000697	0.000201	0.00108
2031 Mar	102	0.114	0.394	0.0063	32.4	0.0398	16.1	0.00112	0.00112	0.0000058	0.00876	0.028	0.0301	0.0184	0.0000059	17.6	0.0000259	0.000697	0.000201	0.00108
2031 Apr	103	0.115	0.397	0.00633	32.6	0.04	16.2	0.00112	0.00112	0.00000583	0.00881	0.0292	0.0303	0.0185	0.00000594	17.7	0.000026	0.000701	0.000202	0.00109
2031 May	104	0.116	0.401	0.00641	33.2	0.0406	16.4	0.00115	0.00115	0.00000594	0.00896	0.0333	0.0307	0.019	0.00000604	18.2	0.0000265	0.000712	0.00021	0.00111
2031 Jun	99.8	0.107	0.345	0.00561	30.7	0.0373	14.8	0.00111	0.00111	0.00000574	0.00856	0.0292	0.0274	0.021	0.00000583	19.4	0.0000255	0.000662	0.000252	0.0011
2031 Jul	106	0.114	0.367	0.00597	32.7	0.0398	15.8	0.00119	0.00119	0.00000613	0.00914	0.0316	0.0292	0.0224	0.00000622	20.7	0.0000272	0.000705	0.000268	0.00117
2031 Aug	111	0.119	0.382	0.00622	34.1	0.0416	16.4	0.00124	0.00124	0.0000064	0.00953	0.0335	0.0304	0.0234	0.00000649	21.6	0.0000283	0.000734	0.000279	0.00122
2031 Sep	108	0.117	0.37	0.00604	33.3	0.0412	16	0.00122	0.00122	0.0000063	0.0094	0.0331	0.0297	0.023	0.00000639	21.2	0.0000277	0.000715	0.000273	0.0012
2031 Oct	101	0.113	0.335	0.00552	30.8	0.04	14.8	0.00116	0.00116	0.00000599	0.009	0.0303	0.0275	0.0218	0.00000607	20.1	0.0000259	0.000658	0.000255	0.00114
2031 Nov	100	0.113	0.33	0.00545	30.6	0.0401	14.7	0.00116	0.00116	0.00000598	0.00901	0.0299	0.0273	0.0218	0.00000607	20.1	0.0000258	0.000651	0.000253	0.00114
2031 Dec	100	0.113	0.329	0.00545	30.6	0.0401	14.6	0.00116	0.00116	0.00000598	0.00901	0.0298	0.0273	0.0218	0.00000607	20.1	0.0000258	0.000651	0.000253	0.00114
2032 Jan	100	0.113	0.329	0.00544	30.6	0.0401	14.6	0.00116	0.00116	0.00000598	0.00901	0.0298	0.0273	0.0218	0.00000607	20.1	0.0000258	0.00065	0.000253	0.00114
2032 Feb	100	0.113	0.329	0.00544	30.6	0.0401	14.6	0.00116	0.00116	0.00000598	0.00901	0.0298	0.0273	0.0218	0.00000606	20.1	0.0000258	0.00065	0.000253	0.00114
2032 Mar	100	0.113	0.329	0.00544	30.6	0.0401	14.6	0.00116	0.00116	0.00000598	0.00901	0.0298	0.0273	0.0218	0.00000607	20.1	0.0000258	0.000651	0.000254	0.00115
2032 Apr	101	0.113	0.33	0.00546	30.7	0.0402	14.7	0.00117	0.00117	0.00000601	0.00904	0.0299	0.0274	0.0219	0.00000609	20.2	0.0000259	0.000653	0.000255	0.00115
2032 May	103	0.115	0.336	0.00556	31.3	0.041	15	0.00119	0.00119	0.00000612	0.00921	0.0339	0.0279	0.0223	0.0000062	20.6	0.0000264	0.000665	0.00026	0.00117
2032 Jun	86.7	0.0918	0.263	0.00452	25.5	0.0358	12	0.00112	0.00112	0.00000572	0.0086	0.0291	0.0236	0.0196	0.00000579	17.9	0.0000248	0.000557	0.000222	0.00103
2032 Jul	72.8	0.0731	0.206	0.00367	20.7	0.0308	9.69	0.00101	0.00101	0.00000517	0.00776	0.0234	0.0198	0.0169	0.00000523	15.4	0.0000225	0.000463	0.000187	0.000888
2032 Aug	73.9	0.0742	0.208	0.00372	21	0.0316	9.82	0.00104	0.00104	0.00000529	0.0079	0.0241	0.0202	0.0172	0.00000534	15.7	0.0000228	0.000469	0.00019	0.000906
2032 Sep	75.3	0.0757	0.211	0.00378	21.4	0.0324	9.99	0.00106	0.00106	0.0000054	0.00805	0.0249	0.0205	0.0176	0.00000545	16	0.0000232	0.000477	0.000194	0.000924
2032 Oct	75.7	0.0762	0.212	0.00379	21.5	0.0326	10	0.00106	0.00106	0.00000542	0.0081	0.0253	0.0206	0.0176	0.00000548	16.1	0.0000233	0.000479	0.000195	0.000929
2032 Nov	75.5	0.0764	0.211	0.00377	21.5	0.0327	10	0.00106	0.00106	0.00000542	0.0081	0.0251	0.0206	0.0176	0.00000547	16.1	0.0000232	0.000477	0.000194	0.00093
2032 Dec	74.9	0.0765	0.207	0.00373	21.3	0.0327	9.9	0.00106	0.00106	0.00000539	0.00807	0.0248	0.0204	0.0176	0.00000545	16	0.000023	0.000472	0.000193	0.000927
2033 Jan	74.9	0.0766	0.207	0.00372	21.3	0.0327	9.9	0.00106	0.00106	0.00000539	0.00807	0.0247	0.0204	0.0176	0.00000544	16	0.000023	0.000472	0.000193	0.000927
2033 Feb	75	0.0766	0.207	0.00372	21.3	0.0327	9.9	0.00106	0.00106	0.00000539	0.00807	0.0247	0.0204	0.0176	0.00000545	16.1	0.000023	0.000472	0.000194	0.000928
2033 Mar	75.1	0.0767	0.207	0.00372	21.3	0.0327	9.92	0.00106	0.00106	0.0000054	0.00808	0.0247	0.0204	0.0177	0.00000545	16.1	0.000023	0.000473	0.000195	0.00093
2033 Apr	75.6	0.0772	0.209	0.00375	21.5	0.0329	9.98	0.00107	0.00107	0.00000544	0.00813	0.0249	0.0205	0.0178	0.00000549	16.2	0.0000232	0.000476	0.000196	0.000936
2033 May	77.2	0.0775	0.2	0.00363	21.7	0.0325	9.93	0.00107	0.00107	0.00000547	0.00813	0.0263	0.02	0.0194	0.00000552	17.4	0.0000233	0.000479	0.000224	0.000964
2033 Jun	71.9	0.0691	0.163	0.00304	19.6	0.0288	8.72	0.000995	0.000995	0.00000506	0.00745	0.023	0.0173	0.02	0.0000051	17.5	0.0000216	0.000435	0.000246	0.000915
2033 Jul	73.7	0.0706	0.166	0.00311	20.1	0.0296	8.93	0.00103	0.00103	0.00000521	0.00768	0.0239	0.0177	0.0205	0.00000525	18	0.0000223	0.000446	0.000252	0.00094
2033 Aug	77.4	0.0742	0.174	0.00327	21.1	0.0311	9.37	0.00108	0.00108	0.00000548	0.00806	0.0256	0.0186	0.0215	0.00000552	18.9	0.0000234	0.000468	0.000264	0.000988
2033 Sep	76.2	0.0738	0.17	0.0032	20.8	0.0309	9.21	0.00106	0.00106	0.00000541	0.00798	0.0254	0.0183	0.0212	0.00000545	18.7	0.000023	0.000459	0.00026	0.000977
2033 Oct	70.4	0.0722	0.15	0.00289	19.1	0.0301	8.45	0.001	0.001	0.00000509	0.00757	0.0227	0.0169	0.0198	0.00000512	17.5	0.0000212	0.000418	0.000237	0.000924
2033 Nov	70.2	0.0726	0.149	0.00286	19	0.0303	8.4	0.001	0.001	0.00000508	0.00758	0.0224	0.0168	0.0198	0.00000512	17.4	0.0000211	0.000415	0.000236	0.000924
2033 Dec	70.2	0.0727	0.148	0.00286	19	0.0303	8.4	0.001	0.001	0.00000508	0.00758	0.0224	0.0168	0.0198	0.00000512	17.4	0.0000211	0.000415	0.000236	0.000925
2034 Jan	70.2	0.0727	0.148	0.00286	19	0.0303	8.4	0.001	0.001	0.00000508	0.00758	0.0224	0.0168	0.0198	0.00000512	17.4	0.0000211	0.000415	0.000236	0.000925
2034 Feb	70.2	0.0727	0.148	0.00286	19	0.0303	8.4	0.001	0.001	0.00000508	0.00758	0.0224	0.0168	0.0198	0.00000512	17.4	0.0000211	0.000415	0.000236	0.000925
2034 Mar	70.2	0.0727	0.148	0.00286	19.1	0.0303	8.41	0.001	0.001	0.00000508	0.00758	0.0224	0.0168	0.0198	0.00000512	17.5	0.0000211	0.000415	0.000236	0.000925
2034 Apr	70.5	0.0731	0.149	0.00288	19.1	0.0304	8.45	0.00101	0.00101	0.00000511	0.00762	0.0225	0.0169	0.0199	0.00000514	17.5	0.0000212	0.000417	0.000237	0.00093
2034 May	72	0.0742	0.15	0.00289	19.5	0.0308	8.57	0.00102	0.00102	0.00000519	0.00773	0.0254	0.017	0.0206	0.00000523	18.1	0.0000216	0.000424	0.000248	0.00095
2034 Jun	72.1	0.0714	0.13	0.0026	19.1	0.0288	8.17	0.000997	0.000997	0.00000505	0.00743	0.0227	0.0156	0.0225	0.00000508	19.4	0.0000211	0.000416	0.000287	0.00096
2034 Jul	72.3	0.0713	0.13	0.0026	19.2	0.0291	8.17	0.00101	0.00101	0.00000509	0.00747	0.0231	0.0157	0.0225	0.00000512	19.4	0.0000211	0.000416	0.000287	0.000966
2034 Aug	76.5	0.0754	0.138	0.00275	20.3	0.0309	8.65	0.00107	0.00107	0.0000054	0.00791	0.0248	0.0166	0.0239	0.00000543	20.6	0.0000223	0.00044	0.000304	0.00102
2034 Sep	75.2	0.0752	0.134	0.00269	19.9	0.0308	8.49	0.00105	0.00105	0.00000533	0.00784	0.0245	0.0163	0.0235	0.00000536	20.3	0.0000219	0.000431	0.000297	0.00101
2034 Oct	71.3	0.0739	0.123	0.00251	18.8	0.0302	8.01	0.00101	0.00101	0.00000511	0.00756	0.0227	0.0155	0.0223	0.00000514	19.3	0.0000208	0.000404	0.000278	0.000972
2034 Nov	71.3	0.0744	0.122	0.00251	18.8	0.0304	8.01	0.00101	0.00101	0.00000512	0.00759	0.0226	0.0155	0.0223	0.00000515	19.3	0.0000208	0.000403	0.000278	0.000974
2034 Dec	71.3	0.0744	0.122	0.00251	18.8	0.0304	8.01	0.00101	0.00101	0.00000512	0.00759	0.0226	0.0155	0.0223	0.00000515	19.3	0.0000208	0.000403	0.000278	0.000975
2035 Jan	71.3	0.0744	0.122	0.0025	18.8	0.0304	8.01	0.00101	0.00101	0.00000512	0.00759	0.0226	0.0155	0.0223	0.00000515	19.3	0.0000208	0.000403	0.000278	0.000975
2035 Feb	71.3	0.0745	0.122	0.0025	18.9	0.0304	8.01	0.00101	0.00101	0.00000512	0.00759	0.0226	0.0155	0.0223	0.00000515	19.3	0.0000208	0.000403	0.000278	0.000975
2035 Mar	71.3	0.0745	0.122	0.00251	18.9	0.0304	8.02	0.00101	0.00101	0.00000513	0.00759	0.0226	0.0155	0.0223	0.00000515	19.3	0.0000208	0.000404	0.000278	0.000975
2035 Apr	71.6	0.0748	0.123	0.00251	18.9	0.0305	8.05	0.00102	0.00102	0.00000515	0.00762	0.0227	0.0155	0.0224	0.00000517	19.4	0.0000209	0.000405	0.00028	0.000979
2035 May	72.9	0.0761	0.125	0.00256	19.3	0.0311	8.19	0.00104	0.00104	0.00000524	0.00776	0.0245	0.0158	0.0229	0.00000527	19.8	0.0000213	0.000413	0.000285	0.000997
2035 Jun	66.3	0.0651	0.101	0.00219	17	0.0279	7.09	0.00098	0.00098	0.00000495	0.0073	0.0214	0.0141	0.0214	0.00000497	18.4	0.0000204	0.000372	0.000269	0.000919
2035 Jul	66.5	0.0646	0.1	0.0022	17	0.0281	7.07	0.000994	0.000994	0.00000502	0.00741	0.0216	0.0142	0.0215	0.00000504	18.5	0.0000207	0.000373	0.000269	0.000924
2035 Aug	68.6	0.0667	0.103	0.00226	17.5	0.029	7.29	0.00103	0.00103	0.00000519	0.00764	0.0227	0.0146	0.0222	0.00000521	19.1	0.0000214	0.000385	0.000277	0.000955
2035 Sep	65.5	0.0654	0.0961	0.00214	16.7	0.0286	6.94	0.00099	0.00099	0.000005	0.00738	0.0215	0.014	0.0212	0.00000502	18.3	0.0000203	0.000364	0.000262	0.00092
2035 Oct	64.2	0.065	0.0932	0.00209	16.4	0.0284	6.8	0.000974	0.000974	0.00000491	0.00728	0.0211	0.0138	0.0208	0.00000494	17.9	0.0000199	0.000356	0.000256	0.000906
2035 Nov	63	0.0646	0.0905	0.00204	16.1	0.0281	6.67	0.000958	0.000958	0.00000483	0.00717	0.0205	0.0135	0.0204	0.00000486	17.6	0.0000195	0.000348	0.00025	0.000892
2035 Dec	62.9	0.0648	0.0903	0.00203	16.1	0.0282	6.67	0.000959	0.000959	0.00000484	0.00718	0.0204	0.0135	0.0204	0.00000486	17.6	0.0000195	0.000348	0.00025	0.000893
2036 Jan	63	0.0648	0.0903	0.00203	16.1	0.0282	6.67	0.000959	0.000959	0.00000484	0.00718	0.0204	0.0135	0.0204	0.00000486	17.6	0.0000195	0.000348	0.00025	0.000893
2036 Feb	63	0.0648	0.0902	0.00203	16.1	0.0282	6.67	0.000959	0.000959	0.00000484	0.00718	0.0204	0.0135	0.0204	0.00000486	17.6	0.0000195	0.000348	0.00025	0.000893
2036 Mar	63	0.0648	0.0902	0.00203	16.1	0.0282	6.67	0.000959	0.000959	0.00000484	0.00718	0.0204	0.0135	0.0204	0.00000486	17.6	0.0000195	0.000348	0.00025	0.000894
2036 Apr	63.3	0.0651	0.0906	0.00204	16.2	0.0283	6.7	0.000963	0.000963	0.00000486	0.00721	0.0213	0.0136	0.0205	0.00000488	17.7	0.0000196	0.000349	0.000251	0.000898
2036 May	64.5	0.0664	0.0924	0.00208	16.5	0.0288	6.83	0.000981	0.000981	0.00000495	0.00735	0.0239	0.0138	0.0209	0.00000497	18.1	0.0000199	0.000356	0.000256	0.000915
2036 Jun	60.6	0.0602	0.0831	0.00194	15.2	0.0274	6.27	0.000957	0.000957	0.00000483	0.00716	0.0218	0.0131	0.0196	0.00000484	17	0.0000196	0.000335	0.000238	0.000867
2036 Jul	59.9	0.0584	0.0803	0.00191	14.9	0.0273	6.13	0.000967	0.000967	0.00000487	0.00722	0.0214	0.0131	0.0194	0.00000489	16.8	0.0000198	0.000331	0.000233	0.000863
2036 Aug	62.8	0.0611	0.084	0.002	15.6	0.0287	6.42	0.00101	0.00101	0.00000511	0.00757	0.0229	0.0137	0.0204	0.00000513	17.6	0.0000207	0.000346	0.000245	0.000905
2036 Sep	62.9	0.0614	0.084	0.00201	15.7	0.0288	6.43	0.00102	0.00102	0.00000512	0.00759	0.0233	0.0138	0.0204	0.00000514	17.6	0.0000208	0.000347	0.000245	0.000907
2036 Oct	61.6	0.0613	0.0811	0.00195	15.3	0.0287	6.3	0.000999	0.000999	0.00000503	0.00748	0.0227	0.0135	0.02	0.00000505	17.3	0.0000203	0.000338	0.000238	0.000893
2036 Nov	61.2	0.0615	0.08	0.00193	15.2	0.0287	6.26	0.000994	0.000994	0.00000501	0.00745	0.0224	0.0134	0.0199	0.00000503	17.2	0.0000202	0.000335	0.000236	0.00089
2036 Dec	61	0.0617	0.0793	0.00192	15.2	0.0287	6.24	0.000992	0.000992	0.000005	0.00744	0.0222	0.0134	0.0198	0.00000502	17.2	0.0000201	0.000334	0.000235	0.000889
2037 Jan	61.1	0.0618	0.0792	0.00192	15.2	0.0287	6.24	0.000992	0.000992	0.000005	0.00744	0.0222	0.0134	0.0198	0.00000502	17.2	0.0000201	0.000334	0.000235	0.000889
2037 Feb	61.1	0.0618	0.0792	0.00192	15.2	0.0287	6.25	0.000993	0.000993	0.000005	0.00744	0.0222	0.0134	0.0199	0.00000502	17.2	0.0000201	0.000334	0.000236	0.00089
2037 Mar	61.2	0.0619	0.0793	0.00193	15.2	0.0288	6.25	0.000994	0.000994	0.00000501	0.00745	0.0222	0.0134	0.0199	0.00000502	17.2	0.0000201	0.000334	0.000236	0.000891
2037 Apr	61.4	0.0621	0.0795	0.00193	15.3	0.0288	6.27	0.000997	0.000997	0.00000502	0.00747	0.0222	0.0134	0.02	0.00000504	17.3	0.0000202	0.000335	0.000237	0.000894
2037 May	62.6	0.0625	0.0778	0.0019	15.5	0.0286	6.33	0.001	0.001	0.00000504	0.00747	0.0216	0.0133	0.0208	0.00000505	17.9	0.0000203	0.00034	0.000252	0.000909
2037 Jun	60.7	0.0588	0.0686	0.00172	15	0.0263	5.98	0.000945	0.000945	0.00000476	0.007	0.0187	0.0122	0.021	0.00000477	17.9	0.0000193	0.000328	0.000265	0.000879

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	63.1	0.0609	0.071	0.00179	15.5	0.0274	6.21	0.000985	0.000985	0.00000496	0.00729	0.0194	0.0126	0.0218	0.00000497	18.6	0.0000201	0.00034	0.000275	0.000914
2037 Aug	66.4	0.0642	0.0747	0.00188	16.4	0.0289	6.54	0.00104	0.00104	0.00000523	0.00768	0.0204	0.0133	0.023	0.00000524	19.6	0.0000211	0.000358	0.000289	0.000964
2037 Sep	68.3	0.0674	0.0754	0.00193	16.8	0.0303	6.72	0.00107	0.00107	0.0000054	0.00796	0.0206	0.0137	0.0236	0.00000541	20.2	0.0000216	0.000366	0.000295	0.000996
2037 Oct	61.6	0.0824	0.0501	0.00158	15.3	0.0351	6.1	0.00104	0.00104	0.0000052	0.00806	0.0136	0.0129	0.0211	0.00000521	18.5	0.0000191	0.000304	0.000234	0.000984
2037 Nov	59.7	0.0883	0.0415	0.00147	14.9	0.0371	5.92	0.00103	0.00103	0.00000517	0.00816	0.0112	0.0127	0.0204	0.00000518	18	0.0000183	0.000285	0.000215	0.000986
2037 Dec	59.5	0.089	0.0407	0.00146	14.9	0.0373	5.91	0.00103	0.00103	0.00000517	0.00817	0.011	0.0126	0.0204	0.00000518	18	0.0000183	0.000283	0.000213	0.000987
2038 Jan	59.8	0.0893	0.0405	0.00146	14.9	0.0373	5.93	0.00103	0.00103	0.00000517	0.00817	0.0109	0.0126	0.0205	0.00000518	18.1	0.0000183	0.000284	0.000216	0.000991
2038 Feb	60.3	0.0895	0.0404	0.00146	15.1	0.0372	5.97	0.00103	0.00103	0.00000517	0.00816	0.0108	0.0126	0.0208	0.00000518	18.3	0.0000183	0.000287	0.000222	0.000996
2038 Mar	60.6	0.0897	0.0405	0.00145	15.1	0.0371	6	0.00103	0.00103	0.00000517	0.00815	0.0108	0.0126	0.021	0.00000518	18.5	0.0000183	0.000288	0.000225	0.001
2038 Apr	61.1	0.0901	0.0406	0.00146	15.3	0.0372	6.04	0.00103	0.00103	0.00000519	0.00818	0.0108	0.0126	0.0213	0.0000052	18.7	0.0000184	0.000291	0.000229	0.00101
2038 May	67	0.0882	0.0383	0.00141	16.5	0.035	6.35	0.00105	0.00105	0.00000525	0.00806	0.00949	0.0121	0.0251	0.00000525	21.5	0.0000192	0.000323	0.000304	0.00107
2038 Jun	80	0.0672	0.0239	0.00103	18.9	0.0218	6.58	0.000965	0.000965	0.00000483	0.00666	0.00307	0.00879	0.0359	0.00000483	29.1	0.00002	0.000399	0.00054	0.00114
2038 Jul	87.3	0.073	0.026	0.00113	20.6	0.0242	7.18	0.00107	0.00107	0.00000533	0.00734	0.00335	0.0097	0.0392	0.00000533	31.8	0.000022	0.000435	0.000587	0.00125
2038 Aug	93.5	0.0779	0.0277	0.00123	22.1	0.0266	7.69	0.00115	0.00115	0.00000577	0.0079	0.00357	0.0105	0.0418	0.00000577	34	0.0000234	0.000464	0.000624	0.00134
2038 Sep	86.2	0.0841	0.0237	0.00119	20.5	0.0302	7.26	0.00113	0.00113	0.00000566	0.00803	0.00314	0.0108	0.0376	0.00000567	30.9	0.0000219	0.000419	0.000538	0.00128
2038 Oct	70.5	0.0963	0.0154	0.0011	17.2	0.0366	6.31	0.00107	0.00107	0.00000536	0.00821	0.00224	0.0111	0.0285	0.00000536	24.2	0.0000188	0.000321	0.000357	0.00115
2038 Nov	69.3	0.0979	0.0147	0.0011	16.9	0.0373	6.24	0.00107	0.00107	0.00000535	0.00826	0.00216	0.0112	0.0277	0.00000535	23.6	0.0000186	0.000313	0.000341	0.00114
2038 Dec	68.9	0.0982	0.0145	0.0011	16.8	0.0375	6.22	0.00107	0.00107	0.00000534	0.00827	0.00214	0.0112	0.0275	0.00000534	23.5	0.0000185	0.000311	0.000336	0.00114
2039 Jan	69.1	0.0985	0.0145	0.0011	16.9	0.0375	6.24	0.00107	0.00107	0.00000534	0.00826	0.00213	0.0112	0.0276	0.00000534	23.6	0.0000185	0.000312	0.000338	0.00114
2039 Feb	69.6	0.0987	0.0147	0.0011	17	0.0374	6.28	0.00107	0.00107	0.00000533	0.00825	0.00214	0.0112	0.0279	0.00000533	23.8	0.0000185	0.000314	0.000344	0.00115
2039 Mar	70	0.0989	0.0148	0.0011	17.1	0.0374	6.31	0.00107	0.00107	0.00000534	0.00825	0.00214	0.0112	0.0281	0.00000534	24	0.0000185	0.000316	0.000348	0.00115
2039 Apr	70.5	0.0994	0.0149	0.0011	17.2	0.0375	6.36	0.00107	0.00107	0.00000536	0.00827	0.00215	0.0112	0.0284	0.00000536	24.2	0.0000186	0.000319	0.000352	0.00116
2039 May	72.1	0.102	0.0153	0.00112	17.6	0.0382	6.5	0.00109	0.00109	0.00000547	0.00844	0.0022	0.0114	0.0291	0.00000547	24.7	0.000019	0.000326	0.000361	0.00118
2039 Jun	43.5	0.0331	0.00881	0.000985	8.62	0.0238	3.07	0.000978	0.000978	0.00000489	0.00736	0.00117	0.00991	0.0153	0.00000489	13.2	0.0000205	0.000223	0.000163	0.000723
2039 Jul	35.5	0.0151	0.00665	0.000949	6.7	0.0248	2.44	0.000947	0.000947	0.00000474	0.00642	0.000962	0.00891	0.0124	0.00000474	10.4	0.0000166	0.000172	0.000112	0.000669
2039 Aug	36.8	0.0142	0.00629	0.00102	7.55	0.0328	2.87	0.00102	0.00102	0.00000511	0.00605	0.00108	0.009	0.0137	0.00000511	11.3	0.0000122	0.000152	0.000112	0.000788
2039 Sep	39.6	0.0259	0.00633	0.00105	8.46	0.0354	3.23	0.00105	0.00105	0.00000524	0.00647	0.00111	0.00968	0.0145	0.00000524	12.2	0.0000126	0.000163	0.000117	0.000831
2039 Oct	42.2	0.046	0.006	0.00103	9.5	0.0375	3.66	0.00103	0.00103	0.00000517	0.00692	0.00111	0.0101	0.0151	0.00000517	13	0.0000131	0.000171	0.00012	0.000866
2039 Nov	43	0.0508	0.00595	0.00104	9.78	0.0382	3.78	0.00104	0.00104	0.00000518	0.00706	0.00111	0.0103	0.0153	0.00000518	13.3	0.0000133	0.000174	0.000121	0.000878
2039 Dec	43.2	0.0521	0.00594	0.00104	9.85	0.0384	3.81	0.00104	0.00104	0.00000518	0.00709	0.00111	0.0103	0.0154	0.00000518	13.3	0.0000133	0.000174	0.000121	0.000881
2040 Jan	43.6	0.0528	0.00607	0.00104	9.98	0.0383	3.85	0.00104	0.00104	0.00000518	0.0071	0.00112	0.0103	0.0156	0.00000518	13.5	0.0000134	0.000177	0.000126	0.000885
2040 Feb	44.2	0.0533	0.00627	0.00104	10.1	0.0382	3.91	0.00103	0.00103	0.00000517	0.00709	0.00113	0.0103	0.016	0.00000517	13.8	0.0000134	0.00018	0.000132	0.000892
2040 Mar	44.7	0.0537	0.00641	0.00104	10.3	0.0382	3.95	0.00104	0.00104	0.00000518	0.00709	0.00114	0.0103	0.0162	0.00000518	14	0.0000134	0.000182	0.000137	0.000897
2040 Apr	45.2	0.0541	0.00654	0.00104	10.4	0.0383	3.99	0.00104	0.00104	0.0000052	0.00712	0.00115	0.0103	0.0165	0.0000052	14.2	0.0000135	0.000185	0.000141	0.000904
2040 May	50.4	0.0567	0.00821	0.00106	11.6	0.0373	4.38	0.00106	0.00106	0.00000528	0.00722	0.00124	0.0103	0.0192	0.00000528	16.3	0.0000145	0.000214	0.000192	0.000955
2040 Jun	68.4	0.051	0.0163	0.000953	15.5	0.0211	5.36	0.000953	0.000953	0.00000476	0.00655	0.00145	0.00856	0.0301	0.00000476	24.5	0.0000195	0.000342	0.000438	0.001
2040 Jul	69.7	0.051	0.0165	0.001	15.7	0.0221	5.43	0.000999	0.000999	0.000005	0.00689	0.00148	0.00903	0.0305	0.000005	24.8	0.0000205	0.000349	0.00044	0.00103
2040 Aug	73	0.0534	0.0173	0.00105	16.5	0.0233	5.68	0.00105	0.00105	0.00000525	0.00722	0.00155	0.00949	0.0319	0.00000525	25.9	0.0000214	0.000365	0.000459	0.00108
2040 Sep	73.1	0.0548	0.0171	0.00106	16.5	0.0242	5.71	0.00106	0.00106	0.0000053	0.0073	0.00156	0.0097	0.0318	0.0000053	25.9	0.0000213	0.000365	0.000454	0.00109
2040 Oct	73.5	0.0558	0.0171	0.00107	16.6	0.0246	5.76	0.00107	0.00107	0.00000534	0.00738	0.00157	0.0098	0.0319	0.00000534	26	0.0000215	0.000366	0.000455	0.00109
2040 Nov	73.8	0.0562	0.0172	0.00107	16.7	0.0248	5.78	0.00107	0.00107	0.00000537	0.00742	0.00157	0.00985	0.032	0.00000537	26.1	0.0000215	0.000368	0.000456	0.0011
2040 Dec	73.8	0.0563	0.0172	0.00107	16.7	0.0249	5.79	0.00107	0.00107	0.00000537	0.00742	0.00157	0.00986	0.032	0.00000537	26.1	0.0000215	0.000367	0.000456	0.0011
2041 Jan	73.8	0.0564	0.0172	0.00107	16.7	0.0249	5.79	0.00107	0.00107	0.00000537	0.00742	0.00157	0.00986	0.032	0.00000537	26.1	0.0000215	0.000368	0.000456	0.0011
2041 Feb	73.9	0.0564	0.0172	0.00107	16.7	0.0249	5.79	0.00107	0.00107	0.00000537	0.00742	0.00158	0.00986	0.032	0.00000537	26.2	0.0000215	0.000368	0.000457	0.0011
2041 Mar	74	0.0565	0.0172	0.00108	16.8	0.0249	5.8	0.00108	0.00108	0.00000538	0.00743	0.00158	0.00987	0.0321	0.00000538	26.2	0.0000216	0.000368	0.000457	0.0011
2041 Apr	74.2	0.0567	0.0173	0.00108	16.8	0.025	5.82	0.00108	0.00108	0.00000539	0.00745	0.00158	0.0099	0.0322	0.00000539	26.3	0.0000216	0.00037	0.000459	0.00111
2041 May	75.4	0.0576	0.0176	0.0011	17.1	0.0253	5.92	0.0011	0.0011	0.00000548	0.00757	0.00161	0.01	0.0327	0.00000548	26.7	0.000022	0.000375	0.000467	0.00112
2041 Jun	60	0.0405	0.0136	0.00102	12.9	0.0226	4.46	0.00102	0.00102	0.00000511	0.00723	0.00131	0.00963	0.0247	0.00000511	20.4	0.0000213	0.000306	0.000334	0.000915
2041 Jul	50.4	0.0308	0.0111	0.000946	10.4	0.0205	3.6	0.000946	0.000946	0.00000473	0.00677	0.00112	0.00904	0.02	0.00000473	16.6	0.00002	0.000261	0.000258	0.000781
2041 Aug	53.7	0.0328	0.0119	0.00101	11.1	0.022	3.84	0.00101	0.00101	0.00000505	0.00722	0.0012	0.00965	0.0213	0.00000505	17.6	0.0000213	0.000278	0.000275	0.000833
2041 Sep	54.6	0.0336	0.012	0.00103	11.3	0.0225	3.91	0.00103	0.00103	0.00000514	0.00734	0.00122	0.00983	0.0216	0.00000514	17.9	0.0000216	0.000282	0.000279	0.000848
2041 Oct	54.4	0.0342	0.0119	0.00102	11.3	0.0226	3.9	0.00102	0.00102	0.00000511	0.00733	0.00121	0.00981	0.0215	0.00000511	17.9	0.0000215	0.00028	0.000276	0.000846
2041 Nov	54.7	0.0346	0.012	0.00103	11.3	0.0227	3.93	0.00103	0.00103	0.00000514	0.00737	0.00122	0.00987	0.0216	0.00000514	17.9	0.0000216	0.000282	0.000277	0.000851
2041 Dec	54.7	0.0347	0.012	0.00103	11.4	0.0228	3.93	0.00103	0.00103	0.00000514	0.00737	0.00122	0.00988	0.0216	0.00000514	18	0.0000216	0.000282	0.000277	0.000852
2042 Jan	54.7	0.0347	0.012	0.00103	11.4	0.0228	3.93	0.00103	0.00103	0.00000515	0.00738	0.00122	0.00988	0.0216	0.00000515	18	0.0000216	0.000282	0.000277	0.000852
2042 Feb	54.7	0.0347	0.012	0.00103	11.4	0.0228	3.93	0.00103	0.00103	0.00000515	0.00738	0.00122	0.00988	0.0216	0.00000515	18	0.0000216	0.000282	0.000278	0.000852
2042 Mar	54.8	0.0348	0.012	0.00103	11.4	0.0228	3.94	0.00103	0.00103	0.00000515	0.00738	0.00122	0.00988	0.0216	0.00000515	18	0.0000216	0.000282	0.000278	0.000853
2042 Apr	55.2	0.035	0.0121	0.00104	11.5	0.023	3.97	0.00104	0.00104	0.00000519	0.00744	0.00123	0.00996	0.0218	0.00000519	18.1	0.0000218	0.000284	0.00028	0.00086
2042 May	56.8	0.036	0.0124	0.00107	11.8	0.0236	4.08	0.00107	0.00107	0.00000533	0.00765	0.00126	0.0102	0.0224	0.00000533	18.7	0.0000224	0.000292	0.000288	0.000884
2042 Jun	52.1	0.0312	0.0113	0.00103	10.6	0.0225	3.66	0.00103	0.00103	0.00000515	0.00742	0.00117	0.00994	0.0202	0.00000515	16.8	0.0000218	0.000271	0.000252	0.000818
2042 Jul	49.4	0.0283	0.0106	0.00101	9.92	0.0221	3.43	0.00101	0.00101	0.00000503	0.00724	0.00112	0.00972	0.0189	0.00000503	15.8	0.0000212	0.000257	0.000232	0.000784
2042 Aug	48.3	0.0282	0.0102	0.000993	9.78	0.0229	3.4	0.000993	0.000993	0.00000497	0.00704	0.0011	0.00967	0.0184	0.00000497	15.4	0.0000201	0.000248	0.000221	0.000775
2042 Sep	47.9	0.0287	0.01	0.000987	9.76	0.0233	3.4	0.000987	0.000987	0.00000493	0.00697	0.0011	0.0097	0.0182	0.00000493	15.3	0.0000196	0.000245	0.000217	0.00077
2042 Oct	47.4	0.0294	0.00985	0.000977	9.7	0.0233	3.38	0.000976	0.000976	0.00000488	0.00691	0.00108	0.00962	0.018	0.00000488	15.1	0.0000193	0.000242	0.000213	0.000765
2042 Nov	47.6	0.0298	0.00987	0.00098	9.75	0.0235	3.4	0.00098	0.00098	0.0000049	0.00695	0.00109	0.00966	0.0181	0.0000049	15.2	0.0000194	0.000243	0.000214	0.000768
2042 Dec	47.6	0.0298	0.00987	0.000981	9.75	0.0235	3.4	0.000981	0.000981	0.0000049	0.00695	0.00109	0.00966	0.0181	0.0000049	15.2	0.0000194	0.000243	0.000214	0.000769
2043 Jan	47.6	0.0299	0.00987	0.000981	9.76	0.0235	3.4	0.000981	0.000981	0.0000049	0.00695	0.00109	0.00966	0.0181	0.0000049	15.2	0.0000194	0.000243	0.000214	0.000769
2043 Feb	47.6	0.0299	0.00988	0.000981	9.76	0.0235	3.4	0.000981	0.000981	0.0000049	0.00695	0.00109	0.00966	0.0181	0.0000049	15.2	0.0000194	0.000243	0.000214	0.000769
2043 Mar	47.7	0.0299	0.00988	0.000981	9.77	0.0235	3.41	0.000981	0.000981	0.00000491	0.00695	0.00109	0.00967	0.0181	0.00000491	15.2	0.0000194	0.000243	0.000214	0.000769
2043 Apr	47.9	0.0301	0.00994	0.000986	9.82	0.0236	3.43	0.000986	0.000986	0.00000493	0.00699	0.0011	0.00972	0.0182	0.00000493	15.3	0.0000195	0.000245	0.000216	0.000774
2043 May	49.2	0.031	0.0102	0.00101	10.1	0.0241	3.52	0.00101	0.00101	0.00000504	0.00714	0.00112	0.00992	0.0187	0.00000504	15.8	0.0000199	0.000251	0.000223	0.000793
2043 Jun	51.1	0.0328	0.011	0.000978	10.7	0.0228	3.71	0.000978	0.000978	0.00000489	0.0069	0.00115	0.0095	0.0201	0.00000489	16.8	0.0000196	0.000261	0.000252	0.000806
2043 Jul	53.4	0.034	0.0115	0.00102	11.2	0.024	3.87	0.00102	0.00102	0.00000512	0.00722	0.0012	0.00994	0.0209	0.00000512	17.5	0.0000204	0.000272	0.000262	0.000843
2043 Aug	55.7	0.0356	0.012	0.00107	11.7	0.0252	4.05	0.00107	0.00107	0.00000536	0.00754	0.00126	0.0104	0.0219	0.00000536	18.2	0.0000213	0.000284	0.000273	0.000882
2043 Sep	56.1	0.036	0.012	0.00108	11.7	0.0255	4.08	0.00108	0.00108	0.0000054	0.00759	0.00126	0.0105	0.022	0.0000054	18.4	0.0000214	0.000285	0.000275	0.000888
2043 Oct	55.8	0.0373	0.0118	0.00107	11.7	0.0258	4.08	0.00107	0.00107	0.00000537	0.00758	0.00126	0.0105	0.0218	0.00000537	18.2	0.0000212	0.000282	0.000271	0.000886
2043 Nov	55.4	0.0386	0.0116	0.00107	11.7	0.026	4.09	0.00107	0.00107	0.00000534	0.00756	0.00125	0.0105	0.0216	0.00000534	18.1	0.000021	0.00028	0.000267	0.000885

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	55.5	0.0387	0.0116	0.00107	11.7	0.0261	4.09	0.00107	0.00107	0.00000534	0.00757	0.00125	0.0105	0.0216	0.00000534	18.1	0.000021	0.00028	0.000267	0.000885
2044 Jan	55.5	0.0388	0.0116	0.00107	11.7	0.0261	4.09	0.00107	0.00107	0.00000534	0.00757	0.00125	0.0105	0.0216	0.00000534	18.1	0.000021	0.00028	0.000267	0.000885
2044 Feb	55.5	0.0388	0.0117	0.00107	11.7	0.0261	4.1	0.00107	0.00107	0.00000534	0.00757	0.00125	0.0105	0.0217	0.00000534	18.1	0.000021	0.00028	0.000267	0.000886
2044 Mar	55.6	0.0388	0.0117	0.00107	11.7	0.0261	4.1	0.00107	0.00107	0.00000534	0.00758	0.00125	0.0105	0.0217	0.00000534	18.2	0.000021	0.00028	0.000267	0.000887
2044 Apr	55.7	0.0389	0.0117	0.00107	11.8	0.0262	4.11	0.00107	0.00107	0.00000536	0.00759	0.00125	0.0105	0.0217	0.00000536	18.2	0.000021	0.000281	0.000268	0.000889
2044 May	56.6	0.0396	0.0119	0.00109	11.9	0.0266	4.18	0.00109	0.00109	0.00000544	0.00772	0.00127	0.0107	0.0221	0.00000544	18.5	0.0000214	0.000285	0.000273	0.000903
2044 Jun	51.5	0.0343	0.0108	0.00102	10.7	0.0245	3.73	0.00102	0.00102	0.00000512	0.0073	0.00116	0.01	0.0198	0.00000512	16.6	0.0000204	0.000262	0.00024	0.000824
2044 Jul	52.4	0.0344	0.0109	0.00105	10.8	0.025	3.77	0.00105	0.00105	0.00000525	0.0075	0.00119	0.0103	0.0201	0.00000525	16.9	0.000021	0.000267	0.000242	0.00084
2044 Aug	55.7	0.0366	0.0116	0.00112	11.5	0.0266	4.01	0.00112	0.00112	0.00000558	0.00797	0.00126	0.011	0.0213	0.00000558	17.9	0.0000223	0.000284	0.000257	0.000892
2044 Sep	54.6	0.0367	0.0113	0.0011	11.3	0.0266	3.96	0.0011	0.0011	0.00000548	0.00781	0.00124	0.0108	0.0208	0.00000548	17.6	0.0000216	0.000277	0.00025	0.000877
2044 Oct	54.1	0.037	0.0112	0.00109	11.2	0.0266	3.94	0.00109	0.00109	0.00000544	0.00775	0.00123	0.0108	0.0207	0.00000544	17.4	0.0000214	0.000274	0.000247	0.000871
2044 Nov	54.2	0.0373	0.0112	0.00109	11.3	0.0267	3.95	0.00109	0.00109	0.00000544	0.00777	0.00123	0.0108	0.0207	0.00000544	17.4	0.0000214	0.000275	0.000247	0.000873
2044 Dec	54.2	0.0374	0.0112	0.00109	11.3	0.0267	3.95	0.00109	0.00109	0.00000544	0.00777	0.00123	0.0108	0.0207	0.00000544	17.4	0.0000214	0.000275	0.000247	0.000873
2045 Jan	54.2	0.0374	0.0112	0.00109	11.3	0.0267	3.95	0.00109	0.00109	0.00000544	0.00777	0.00123	0.0108	0.0207	0.00000544	17.4	0.0000214	0.000275	0.000247	0.000873
2045 Feb	54.2	0.0374	0.0112	0.00109	11.3	0.0267	3.95	0.00109	0.00109	0.00000544	0.00777	0.00123	0.0108	0.0207	0.00000544	17.4	0.0000214	0.000275	0.000247	0.000874
2045 Mar	54.3	0.0375	0.0112	0.00109	11.3	0.0267	3.95	0.00109	0.00109	0.00000545	0.00777	0.00123	0.0108	0.0207	0.00000545	17.5	0.0000214	0.000275	0.000247	0.000874
2045 Apr	54.4	0.0375	0.0112	0.00109	11.3	0.0268	3.96	0.00109	0.00109	0.00000546	0.00779	0.00123	0.0108	0.0208	0.00000546	17.5	0.0000215	0.000276	0.000248	0.000876
2045 May	55.2	0.0381	0.0114	0.00111	11.5	0.0271	4.02	0.00111	0.00111	0.00000554	0.0079	0.00125	0.011	0.0211	0.00000554	17.8	0.0000218	0.00028	0.000252	0.000889
2045 Jun	52	0.0344	0.0107	0.00107	10.7	0.0258	3.72	0.00107	0.00107	0.00000536	0.00768	0.00118	0.0106	0.0196	0.00000536	16.5	0.0000214	0.000265	0.00023	0.00084
2045 Jul	52	0.0336	0.0106	0.00109	10.6	0.026	3.69	0.00109	0.00109	0.00000544	0.00781	0.00119	0.0108	0.0195	0.00000544	16.5	0.0000218	0.000266	0.000227	0.000842
2045 Aug	54.1	0.0349	0.0111	0.00113	11	0.027	3.84	0.00113	0.00113	0.00000566	0.00812	0.00123	0.0112	0.0202	0.00000566	17.1	0.0000227	0.000277	0.000236	0.000875
2045 Sep	54.2	0.0352	0.0111	0.00113	11	0.0272	3.86	0.00113	0.00113	0.00000567	0.00814	0.00124	0.0113	0.0203	0.00000567	17.2	0.0000227	0.000277	0.000236	0.000878
2045 Oct	54.6	0.0357	0.0111	0.00114	11.1	0.0274	3.89	0.00114	0.00114	0.00000571	0.0082	0.00125	0.0113	0.0204	0.00000571	17.3	0.0000229	0.000279	0.000238	0.000885
2045 Nov	54.7	0.0358	0.0112	0.00114	11.1	0.0275	3.9	0.00114	0.00114	0.00000572	0.00822	0.00125	0.0114	0.0205	0.00000572	17.3	0.0000229	0.00028	0.000238	0.000887
2045 Dec	54.8	0.0359	0.0112	0.00115	11.2	0.0275	3.9	0.00115	0.00115	0.00000573	0.00822	0.00125	0.0114	0.0205	0.00000573	17.3	0.0000229	0.00028	0.000238	0.000887
2046 Jan	54.8	0.0359	0.0112	0.00115	11.2	0.0275	3.9	0.00115	0.00115	0.00000573	0.00822	0.00125	0.0114	0.0205	0.00000573	17.3	0.0000229	0.00028	0.000239	0.000888
2046 Feb	54.8	0.0359	0.0112	0.00115	11.2	0.0275	3.9	0.00115	0.00115	0.00000573	0.00823	0.00125	0.0114	0.0205	0.00000573	17.3	0.0000229	0.00028	0.000239	0.000888
2046 Mar	54.8	0.036	0.0112	0.00115	11.2	0.0276	3.91	0.00115	0.00115	0.00000573	0.00823	0.00125	0.0114	0.0205	0.00000573	17.4	0.000023	0.00028	0.000239	0.000889
2046 Apr	55.1	0.0361	0.0112	0.00115	11.2	0.0277	3.93	0.00115	0.00115	0.00000576	0.00827	0.00126	0.0114	0.0206	0.00000576	17.4	0.0000231	0.000282	0.00024	0.000893
2046 May	56	0.0367	0.0114	0.00117	11.4	0.0281	3.99	0.00117	0.00117	0.00000585	0.00841	0.00128	0.0116	0.021	0.00000585	17.7	0.0000234	0.000286	0.000244	0.000907
2046 Jun	50.9	0.0315	0.0103	0.0011	10.2	0.0259	3.55	0.0011	0.0011	0.0000055	0.00794	0.00117	0.0109	0.0188	0.0000055	15.9	0.0000224	0.000263	0.000214	0.000828
2046 Jul	47.8	0.0284	0.00969	0.00106	9.43	0.0245	3.29	0.00106	0.00106	0.00000528	0.00764	0.0011	0.0105	0.0174	0.00000528	14.8	0.0000217	0.000248	0.000196	0.00078
2046 Aug	49.7	0.0295	0.0101	0.0011	9.8	0.0255	3.42	0.0011	0.0011	0.00000549	0.00793	0.00115	0.0109	0.0181	0.00000549	15.4	0.0000225	0.000258	0.000204	0.000811
2046 Sep	49	0.0298	0.00986	0.00108	9.69	0.0254	3.39	0.00108	0.00108	0.0000054	0.00781	0.00113	0.0108	0.0178	0.0000054	15.1	0.000022	0.000253	0.0002	0.0008
2046 Oct	48.4	0.0306	0.00967	0.00107	9.62	0.0253	3.37	0.00107	0.00107	0.00000533	0.00772	0.00111	0.0106	0.0176	0.00000533	15	0.0000216	0.000249	0.000196	0.000793
2046 Nov	48.4	0.0309	0.00965	0.00107	9.63	0.0254	3.38	0.00107	0.00107	0.00000533	0.00773	0.00111	0.0107	0.0176	0.00000533	15	0.0000216	0.000249	0.000196	0.000794
2046 Dec	48.4	0.031	0.00965	0.00107	9.64	0.0254	3.38	0.00107	0.00107	0.00000533	0.00773	0.00112	0.0107	0.0176	0.00000533	15	0.0000216	0.000249	0.000196	0.000794
2047 Jan	48.4	0.031	0.00966	0.00107	9.64	0.0254	3.38	0.00107	0.00107	0.00000533	0.00773	0.00112	0.0107	0.0176	0.00000533	15	0.0000216	0.000249	0.000196	0.000794
2047 Feb	48.5	0.031	0.00966	0.00107	9.65	0.0254	3.38	0.00107	0.00107	0.00000533	0.00773	0.00112	0.0107	0.0176	0.00000533	15	0.0000216	0.00025	0.000196	0.000795
2047 Mar	48.6	0.0311	0.00968	0.00107	9.67	0.0255	3.39	0.00107	0.00107	0.00000534	0.00775	0.00112	0.0107	0.0177	0.00000534	15	0.0000217	0.00025	0.000197	0.000796
2047 Apr	48.7	0.0312	0.00971	0.00107	9.69	0.0255	3.4	0.00107	0.00107	0.00000535	0.00777	0.00112	0.0107	0.0177	0.00000535	15.1	0.0000217	0.000251	0.000197	0.000798
2047 May	49.9	0.0322	0.01	0.00108	9.99	0.0256	3.5	0.00108	0.00108	0.00000539	0.00781	0.00114	0.0107	0.0183	0.00000539	15.5	0.0000219	0.000256	0.000208	0.000813
2047 Jun	53.4	0.0358	0.0114	0.00103	11.1	0.024	3.87	0.00103	0.00103	0.00000516	0.0074	0.00119	0.0101	0.0207	0.00000516	17.4	0.0000211	0.000273	0.000258	0.000842
2047 Jul	56.2	0.0376	0.0119	0.00109	11.7	0.0253	4.07	0.00109	0.00109	0.00000543	0.00779	0.00126	0.0106	0.0218	0.00000543	18.3	0.0000222	0.000287	0.000271	0.000887
2047 Aug	58.9	0.0394	0.0125	0.00114	12.3	0.0266	4.26	0.00114	0.00114	0.0000057	0.00817	0.00132	0.0111	0.0229	0.0000057	19.1	0.0000232	0.000301	0.000284	0.00093
2047 Sep	58.5	0.0395	0.0124	0.00113	12.2	0.0266	4.24	0.00113	0.00113	0.00000566	0.00812	0.00131	0.0111	0.0227	0.00000566	19	0.0000231	0.000299	0.000282	0.000925
2047 Oct	57.6	0.0398	0.0121	0.00112	12	0.0264	4.2	0.00112	0.00112	0.00000558	0.00801	0.00129	0.0109	0.0223	0.00000558	18.7	0.0000226	0.000294	0.000276	0.000913
2047 Nov	57.5	0.0404	0.0121	0.00111	12	0.0265	4.2	0.00111	0.00111	0.00000556	0.00801	0.00129	0.0109	0.0223	0.00000556	18.7	0.0000225	0.000292	0.000274	0.000912
2047 Dec	57.5	0.0405	0.0121	0.00111	12	0.0266	4.2	0.00111	0.00111	0.00000557	0.00801	0.00129	0.0109	0.0223	0.00000557	18.7	0.0000225	0.000292	0.000274	0.000912
2048 Jan	57.5	0.0405	0.0121	0.00111	12	0.0266	4.2	0.00111	0.00111	0.00000557	0.00801	0.00129	0.0109	0.0223	0.00000557	18.7	0.0000225	0.000292	0.000274	0.000913
2048 Feb	57.6	0.0406	0.0121	0.00111	12	0.0266	4.21	0.00111	0.00111	0.00000557	0.00801	0.00129	0.0109	0.0223	0.00000557	18.7	0.0000225	0.000293	0.000275	0.000913
2048 Mar	57.6	0.0406	0.0121	0.00111	12	0.0266	4.21	0.00111	0.00111	0.00000557	0.00801	0.00129	0.0109	0.0223	0.00000557	18.7	0.0000225	0.000293	0.000275	0.000914
2048 Apr	57.8	0.0407	0.0121	0.00112	12.1	0.0267	4.22	0.00112	0.00112	0.00000559	0.00804	0.00129	0.011	0.0224	0.00000559	18.8	0.0000226	0.000294	0.000276	0.000917
2048 May	58.8	0.0414	0.0123	0.00114	12.3	0.0271	4.29	0.00114	0.00114	0.00000568	0.00818	0.00131	0.0112	0.0228	0.00000568	19.1	0.000023	0.000299	0.000281	0.000932
2048 Jun	53.5	0.0357	0.0112	0.00107	11	0.0251	3.83	0.00107	0.00107	0.00000537	0.00777	0.0012	0.0106	0.0204	0.00000537	17.1	0.0000221	0.000274	0.000246	0.000853
2048 Jul	50.7	0.0324	0.0105	0.00105	10.3	0.0242	3.57	0.00105	0.00105	0.00000524	0.0076	0.00115	0.0103	0.0191	0.00000524	16.1	0.0000217	0.000262	0.000227	0.000812
2048 Aug	51.8	0.0333	0.0107	0.00107	10.5	0.025	3.66	0.00107	0.00107	0.00000536	0.00774	0.00117	0.0106	0.0194	0.00000536	16.4	0.000022	0.000267	0.00023	0.00083
2048 Sep	51.6	0.0335	0.0106	0.00107	10.5	0.0251	3.66	0.00107	0.00107	0.00000534	0.00772	0.00117	0.0106	0.0194	0.00000534	16.4	0.0000218	0.000266	0.000228	0.000828
2048 Oct	51.2	0.0338	0.0105	0.00106	10.4	0.025	3.64	0.00106	0.00106	0.0000053	0.00766	0.00116	0.0105	0.0192	0.0000053	16.2	0.0000216	0.000263	0.000226	0.000822
2048 Nov	51.2	0.0341	0.0105	0.00106	10.4	0.0251	3.64	0.00106	0.00106	0.0000053	0.00767	0.00116	0.0105	0.0192	0.0000053	16.2	0.0000216	0.000263	0.000226	0.000824
2048 Dec	51.2	0.0342	0.0105	0.00106	10.4	0.0252	3.65	0.00106	0.00106	0.0000053	0.00767	0.00116	0.0105	0.0192	0.0000053	16.2	0.0000216	0.000263	0.000226	0.000824
2049 Jan	51.3	0.0342	0.0105	0.00106	10.4	0.0252	3.65	0.00106	0.00106	0.0000053	0.00767	0.00116	0.0105	0.0192	0.0000053	16.2	0.0000216	0.000263	0.000226	0.000824
2049 Feb	51.3	0.0342	0.0105	0.00106	10.4	0.0252	3.65	0.00106	0.00106	0.0000053	0.00767	0.00116	0.0105	0.0192	0.0000053	16.3	0.0000216	0.000263	0.000226	0.000825
2049 Mar	51.3	0.0342	0.0105	0.00106	10.5	0.0252	3.65	0.00106	0.00106	0.00000531	0.00768	0.00116	0.0106	0.0192	0.00000531	16.3	0.0000216	0.000263	0.000226	0.000825
2049 Apr	51.5	0.0344	0.0106	0.00107	10.5	0.0253	3.67	0.00107	0.00107	0.00000533	0.00771	0.00117	0.0106	0.0193	0.00000533	16.3	0.0000217	0.000264	0.000227	0.000828
2049 May	52.4	0.0349	0.0107	0.00108	10.7	0.0257	3.73	0.00108	0.00108	0.00000541	0.00783	0.00119	0.0108	0.0196	0.00000541	16.6	0.000022	0.000269	0.000231	0.000842
2049 Jun	47.8	0.03	0.00976	0.00102	9.55	0.0238	3.33	0.00102	0.00102	0.00000512	0.00744	0.00109	0.0102	0.0176	0.00000512	14.9	0.0000211	0.000248	0.000203	0.000772
2049 Jul	46.6	0.0285	0.0095	0.00101	9.24	0.0234	3.22	0.00101	0.00101	0.00000507	0.00737	0.00107	0.0101	0.0171	0.00000507	14.5	0.000021	0.000242	0.000195	0.000755
2049 Aug	49.3	0.0301	0.01	0.00107	9.77	0.0248	3.41	0.00107	0.00107	0.00000536	0.00779	0.00113	0.0107	0.0181	0.00000536	15.3	0.0000222	0.000256	0.000206	0.000799
2049 Sep	49.1	0.0307	0.00995	0.00107	9.76	0.0248	3.41	0.00107	0.00107	0.00000534	0.00776	0.00112	0.0106	0.018	0.00000534	15.3	0.000022	0.000255	0.000204	0.000798
2049 Oct	48.6	0.0314	0.00979	0.00106	9.7	0.0248	3.39	0.00106	0.00106	0.00000528	0.00769	0.00111	0.0105	0.0178	0.00000528	15.1	0.0000217	0.000251	0.000201	0.000791
2049 Nov	48.7	0.0319	0.00976	0.00106	9.73	0.025	3.41	0.00106	0.00106	0.00000528	0.0077	0.00111	0.0106	0.0178	0.00000528	15.1	0.0000217	0.000251	0.000201	0.000793
2049 Dec	48.7	0.0321	0.00976	0.00106	9.74	0.025	3.41	0.00106	0.00106	0.00000528	0.00771	0.00111	0.0106	0.0178	0.00000528	15.1	0.0000217	0.000251	0.000201	0.000794
2050 Jan	48.7	0.0321	0.00977	0.00106	9.74	0.025	3.41	0.00106	0.00106	0.00000528	0.00771	0.00111	0.0106	0.0178	0.00000528	15.1	0.0000217	0.000251	0.000201	0.000794
2050 Feb	48.8	0.0321	0.00978	0.00106	9.75	0.025	3.41	0.00106	0.00106	0.00000528	0.00771	0.00112	0.0106	0.0178	0.00000528	15.2	0.0000217	0.000251	0.000201	0.000795
2050 Mar	48.8	0.0321	0.00978	0.00106	9.75	0.025	3.42	0.00106	0.00106	0.00000528	0.00771	0.00112	0.0106	0.0178	0.00000528	15.2	0.0000217	0.000251	0.000202	0.000795
2050 Apr	48.9	0.0322	0.00981	0.00106	9.78	0.0251	3.43	0.00106	0.00106	0.0000053	0.00773	0.00112	0.0106	0.0179	0.0000053	15.2	0.0000217	0.000252	0.000202	0.000797

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	49.6	0.0327	0.00995	0.00107	9.92	0.0254	3.47	0.00107	0.00107	0.00000537	0.00783	0.00113	0.0107	0.0181	0.00000537	15.4	0.000022	0.000256	0.000205	0.000808
2050 Jun	47.2	0.0299	0.00946	0.00104	9.32	0.0242	3.26	0.00104	0.00104	0.00000519	0.00758	0.00108	0.0104	0.0171	0.00000519	14.6	0.0000215	0.000244	0.000192	0.000769
2050 Jul	45.4	0.0281	0.0091	0.00101	8.93	0.0235	3.12	0.00101	0.00101	0.00000506	0.00739	0.00105	0.0101	0.0164	0.00000506	14	0.000021	0.000236	0.000182	0.000743
2050 Aug	47	0.029	0.0094	0.00105	9.23	0.0244	3.23	0.00105	0.00105	0.00000524	0.00764	0.00108	0.0104	0.017	0.00000524	14.4	0.0000216	0.000244	0.000188	0.00077
2050 Sep	47.2	0.0294	0.00942	0.00105	9.29	0.0246	3.25	0.00105	0.00105	0.00000526	0.00767	0.00109	0.0105	0.017	0.00000526	14.5	0.0000217	0.000245	0.000189	0.000774
2050 Oct	47.6	0.0299	0.00949	0.00106	9.38	0.0249	3.29	0.00106	0.00106	0.0000053	0.00774	0.0011	0.0106	0.0172	0.0000053	14.6	0.0000218	0.000246	0.00019	0.000781
2050 Nov	47.8	0.0301	0.00952	0.00106	9.42	0.025	3.3	0.00106	0.00106	0.00000532	0.00777	0.0011	0.0106	0.0172	0.00000532	14.7	0.0000219	0.000247	0.000191	0.000784
2050 Dec	47.8	0.0301	0.00952	0.00106	9.42	0.025	3.3	0.00106	0.00106	0.00000532	0.00777	0.0011	0.0106	0.0172	0.00000532	14.7	0.0000219	0.000247	0.000191	0.000785
2051 Jan	47.8	0.0301	0.00953	0.00106	9.43	0.025	3.3	0.00106	0.00106	0.00000532	0.00777	0.0011	0.0106	0.0173	0.00000532	14.7	0.0000219	0.000248	0.000191	0.000785
2051 Feb	47.8	0.0301	0.00953	0.00107	9.43	0.025	3.3	0.00107	0.00107	0.00000533	0.00777	0.0011	0.0106	0.0173	0.00000533	14.7	0.0000219	0.000248	0.000191	0.000785
2051 Mar	47.9	0.0302	0.00954	0.00107	9.44	0.025	3.31	0.00107	0.00107	0.00000533	0.00778	0.0011	0.0106	0.0173	0.00000533	14.7	0.0000219	0.000248	0.000191	0.000785
2051 Apr	48.1	0.0303	0.00958	0.00107	9.48	0.0251	3.32	0.00107	0.00107	0.00000535	0.00781	0.00111	0.0107	0.0174	0.00000535	14.8	0.000022	0.000249	0.000192	0.000789
2051 May	49	0.031	0.00979	0.00109	9.68	0.0255	3.39	0.00109	0.00109	0.00000543	0.00792	0.00113	0.0108	0.0177	0.00000543	15.1	0.0000224	0.000254	0.000197	0.000803
2051 Jun	47.3	0.0293	0.00976	0.001	9.44	0.0229	3.29	0.001	0.001	0.00000502	0.0073	0.00108	0.00992	0.0176	0.00000502	14.8	0.0000209	0.000245	0.000205	0.000761
2051 Jul	47.3	0.0288	0.00973	0.00101	9.39	0.023	3.27	0.00101	0.00101	0.00000506	0.00735	0.00108	0.00999	0.0175	0.00000506	14.8	0.0000211	0.000246	0.000203	0.000762
2051 Aug	47.9	0.0295	0.00983	0.00103	9.56	0.0237	3.33	0.00103	0.00103	0.00000513	0.00744	0.00109	0.0102	0.0177	0.00000513	15	0.0000212	0.000248	0.000205	0.000774
2051 Sep	47.5	0.0308	0.00963	0.00102	9.53	0.0239	3.33	0.00102	0.00102	0.00000508	0.00738	0.00108	0.0101	0.0175	0.00000508	14.9	0.0000208	0.000245	0.000201	0.00077
2051 Oct	45.9	0.0339	0.00901	0.000976	9.35	0.0241	3.3	0.000976	0.000976	0.00000488	0.00716	0.00104	0.00981	0.0168	0.00000488	14.3	0.0000197	0.000233	0.000189	0.000752
2051 Nov	45.9	0.0343	0.009	0.000976	9.37	0.0242	3.31	0.000976	0.000976	0.00000488	0.00717	0.00104	0.00982	0.0168	0.00000488	14.3	0.0000197	0.000233	0.000189	0.000754
2051 Dec	45.9	0.0344	0.009	0.000977	9.37	0.0242	3.31	0.000977	0.000977	0.00000488	0.00717	0.00104	0.00982	0.0168	0.00000488	14.4	0.0000197	0.000233	0.000189	0.000754
2052 Jan	45.9	0.0344	0.009	0.000977	9.38	0.0242	3.31	0.000977	0.000977	0.00000488	0.00717	0.00105	0.00982	0.0168	0.00000488	14.4	0.0000197	0.000233	0.000189	0.000754
2052 Feb	46	0.0345	0.00901	0.000977	9.39	0.0243	3.32	0.000977	0.000977	0.00000488	0.00717	0.00105	0.00983	0.0169	0.00000488	14.4	0.0000197	0.000233	0.00019	0.000755
2052 Mar	46	0.0345	0.00902	0.000978	9.4	0.0243	3.32	0.000978	0.000978	0.00000489	0.00718	0.00105	0.00984	0.0169	0.00000489	14.4	0.0000197	0.000234	0.00019	0.000756
2052 Apr	46.1	0.0346	0.00904	0.00098	9.42	0.0243	3.33	0.00098	0.00098	0.0000049	0.0072	0.00105	0.00986	0.0169	0.0000049	14.4	0.0000198	0.000234	0.00019	0.000757
2052 May	46.8	0.0351	0.00919	0.000989	9.56	0.0245	3.38	0.000989	0.000989	0.00000495	0.00726	0.00106	0.00994	0.0172	0.00000495	14.7	0.00002	0.000237	0.000194	0.000767
2052 Jun	47.2	0.0349	0.00941	0.000984	9.68	0.0241	3.41	0.000984	0.000984	0.00000492	0.00721	0.00107	0.00985	0.0175	0.00000492	14.9	0.00002	0.00024	0.000202	0.000769
2052 Jul	47.9	0.0349	0.00951	0.00101	9.82	0.0249	3.47	0.00101	0.00101	0.00000504	0.00733	0.00109	0.01	0.0178	0.00000504	15.1	0.0000202	0.000242	0.000203	0.000787
2052 Aug	49	0.0357	0.00971	0.00103	10.1	0.0257	3.55	0.00103	0.00103	0.00000516	0.00749	0.00112	0.0103	0.0182	0.00000516	15.4	0.0000205	0.000248	0.000207	0.000806
2052 Sep	49	0.0359	0.00969	0.00103	10.1	0.0258	3.56	0.00103	0.00103	0.00000516	0.00749	0.00112	0.0103	0.0182	0.00000516	15.4	0.0000205	0.000247	0.000207	0.000807
2052 Oct	49.1	0.0363	0.00968	0.00103	10.1	0.0259	3.57	0.00103	0.00103	0.00000517	0.0075	0.00112	0.0103	0.0182	0.00000517	15.5	0.0000205	0.000247	0.000207	0.000809
2052 Nov	49.2	0.0365	0.00971	0.00104	10.1	0.026	3.58	0.00104	0.00104	0.00000518	0.00753	0.00112	0.0103	0.0183	0.00000518	15.5	0.0000205	0.000248	0.000207	0.000812
2052 Dec	49.3	0.0366	0.00971	0.00104	10.1	0.026	3.59	0.00104	0.00104	0.00000518	0.00753	0.00112	0.0103	0.0183	0.00000518	15.5	0.0000205	0.000248	0.000207	0.000812
2053 Jan	49.3	0.0366	0.00971	0.00104	10.1	0.026	3.59	0.00104	0.00104	0.00000518	0.00753	0.00113	0.0104	0.0183	0.00000518	15.5	0.0000205	0.000248	0.000208	0.000812
2053 Feb	49.3	0.0366	0.00972	0.00104	10.1	0.0261	3.59	0.00104	0.00104	0.00000519	0.00754	0.00113	0.0104	0.0183	0.00000519	15.5	0.0000205	0.000248	0.000208	0.000813
2053 Mar	49.4	0.0367	0.00974	0.00104	10.2	0.0261	3.6	0.00104	0.00104	0.00000519	0.00755	0.00113	0.0104	0.0183	0.00000519	15.6	0.0000206	0.000249	0.000208	0.000814
2053 Apr	49.6	0.0368	0.00978	0.00104	10.2	0.0262	3.61	0.00104	0.00104	0.00000522	0.00758	0.00113	0.0104	0.0184	0.00000522	15.6	0.0000207	0.00025	0.000209	0.000817
2053 May	51.3	0.0382	0.0103	0.00105	10.7	0.0262	3.76	0.00105	0.00105	0.00000524	0.0076	0.00116	0.0104	0.0193	0.00000524	16.4	0.0000208	0.000258	0.000225	0.000838
2053 Jun	51.5	0.0379	0.0107	0.000988	10.9	0.0241	3.81	0.000988	0.000988	0.00000494	0.00712	0.00115	0.00969	0.02	0.00000494	16.8	0.0000198	0.00026	0.000247	0.000822
2053 Jul	53.1	0.0389	0.0111	0.00102	11.2	0.0248	3.92	0.00102	0.00102	0.00000511	0.00736	0.00119	0.01	0.0206	0.00000511	17.3	0.0000205	0.000268	0.000254	0.000848
2053 Aug	55.7	0.0409	0.0116	0.00107	11.7	0.0261	4.12	0.00107	0.00107	0.00000536	0.00772	0.00125	0.0105	0.0216	0.00000536	18.1	0.0000215	0.000281	0.000266	0.00089
2053 Sep	57.5	0.0422	0.012	0.00111	12.1	0.0269	4.25	0.00111	0.00111	0.00000553	0.00796	0.00129	0.0108	0.0223	0.00000553	18.7	0.0000222	0.00029	0.000275	0.000918
2053 Oct	57.9	0.0425	0.0121	0.00111	12.2	0.0271	4.28	0.00111	0.00111	0.00000557	0.00802	0.0013	0.0109	0.0225	0.00000557	18.9	0.0000223	0.000292	0.000277	0.000925
2053 Nov	57.9	0.0425	0.0121	0.00111	12.2	0.0271	4.28	0.00111	0.00111	0.00000557	0.00802	0.0013	0.0109	0.0225	0.00000557	18.9	0.0000223	0.000292	0.000276	0.000925
2053 Dec	57.9	0.0426	0.0121	0.00111	12.2	0.0271	4.28	0.00111	0.00111	0.00000557	0.00802	0.0013	0.0109	0.0225	0.00000557	18.9	0.0000223	0.000292	0.000276	0.000925
2054 Jan	57.9	0.0426	0.0121	0.00111	12.2	0.0272	4.28	0.00111	0.00111	0.00000557	0.00802	0.0013	0.0109	0.0225	0.00000557	18.9	0.0000223	0.000292	0.000277	0.000925
2054 Feb	57.9	0.0426	0.0121	0.00111	12.2	0.0272	4.28	0.00111	0.00111	0.00000557	0.00803	0.0013	0.0109	0.0225	0.00000557	18.9	0.0000223	0.000292	0.000277	0.000926
2054 Mar	58	0.0426	0.0121	0.00111	12.2	0.0272	4.28	0.00111	0.00111	0.00000557	0.00803	0.0013	0.0109	0.0225	0.00000557	18.9	0.0000223	0.000292	0.000277	0.000926
2054 Apr	58.2	0.0428	0.0121	0.00112	12.3	0.0273	4.3	0.00112	0.00112	0.0000056	0.00806	0.0013	0.011	0.0226	0.0000056	19	0.0000224	0.000293	0.000278	0.00093
2054 May	59.1	0.0435	0.0123	0.00113	12.5	0.0276	4.37	0.00113	0.00113	0.00000567	0.00816	0.00132	0.0111	0.023	0.00000567	19.3	0.0000227	0.000298	0.000284	0.000943
2054 Jun	57.5	0.0417	0.0123	0.00106	12.2	0.0253	4.27	0.00106	0.00106	0.00000531	0.00762	0.00128	0.0103	0.0228	0.00000531	19	0.0000215	0.000291	0.000289	0.000905
2054 Jul	56.7	0.0407	0.0121	0.00106	12	0.0252	4.2	0.00106	0.00106	0.00000529	0.00758	0.00126	0.0103	0.0224	0.00000529	18.7	0.0000214	0.000287	0.000283	0.000896
2054 Aug	57.4	0.0413	0.0122	0.00107	12.2	0.0257	4.26	0.00107	0.00107	0.00000536	0.00767	0.00128	0.0104	0.0227	0.00000536	18.9	0.0000216	0.00029	0.000286	0.000908
2054 Sep	57.7	0.0417	0.0122	0.00108	12.3	0.0261	4.28	0.00108	0.00108	0.00000539	0.0077	0.00129	0.0105	0.0227	0.00000539	19	0.0000216	0.000291	0.000286	0.000913
2054 Oct	57.3	0.0417	0.0121	0.00107	12.2	0.026	4.26	0.00107	0.00107	0.00000535	0.00765	0.00128	0.0104	0.0225	0.00000535	18.8	0.0000214	0.000288	0.000283	0.000907
2054 Nov	57.1	0.042	0.012	0.00107	12.2	0.026	4.25	0.00107	0.00107	0.00000534	0.00764	0.00127	0.0104	0.0225	0.00000534	18.8	0.0000213	0.000287	0.000282	0.000905
2054 Dec	57.1	0.0422	0.012	0.00107	12.2	0.0261	4.26	0.00107	0.00107	0.00000534	0.00765	0.00127	0.0104	0.0225	0.00000534	18.8	0.0000213	0.000287	0.000282	0.000906
2055 Jan	57.2	0.0422	0.012	0.00107	12.2	0.0261	4.26	0.00107	0.00107	0.00000534	0.00765	0.00127	0.0104	0.0225	0.00000534	18.8	0.0000213	0.000288	0.000282	0.000906
2055 Feb	57.2	0.0422	0.012	0.00107	12.2	0.0261	4.26	0.00107	0.00107	0.00000534	0.00765	0.00127	0.0104	0.0225	0.00000534	18.8	0.0000213	0.000288	0.000282	0.000907
2055 Mar	57.2	0.0423	0.0121	0.00107	12.2	0.0261	4.27	0.00107	0.00107	0.00000535	0.00765	0.00127	0.0104	0.0225	0.00000535	18.8	0.0000213	0.000288	0.000282	0.000907
2055 Apr	57.4	0.0424	0.0121	0.00107	12.2	0.0262	4.28	0.00107	0.00107	0.00000536	0.00767	0.00128	0.0105	0.0226	0.00000536	18.9	0.0000214	0.000289	0.000283	0.00091
2055 May	58.2	0.043	0.0123	0.00109	12.4	0.0265	4.34	0.00109	0.00109	0.00000543	0.00777	0.00129	0.0106	0.0229	0.00000543	19.2	0.0000216	0.000293	0.000287	0.000922
2055 Jun	52.5	0.0363	0.011	0.00103	10.9	0.0245	3.81	0.00103	0.00103	0.00000515	0.00741	0.00118	0.0101	0.0202	0.00000515	17	0.0000209	0.000267	0.000248	0.000837
2055 Jul	51.7	0.035	0.0108	0.00103	10.7	0.0243	3.73	0.00103	0.00103	0.00000516	0.00744	0.00117	0.0101	0.0198	0.00000516	16.6	0.0000211	0.000264	0.00024	0.000827
2055 Aug	53.7	0.0363	0.0112	0.00107	11.1	0.0253	3.87	0.00107	0.00107	0.00000536	0.00772	0.00121	0.0105	0.0206	0.00000536	17.3	0.0000218	0.000274	0.000249	0.000859
2055 Sep	53.8	0.0367	0.0112	0.00107	11.1	0.0255	3.89	0.00107	0.00107	0.00000537	0.00774	0.00121	0.0106	0.0206	0.00000537	17.3	0.0000218	0.000275	0.000249	0.000861
2055 Oct	54.1	0.037	0.0113	0.00108	11.2	0.0256	3.91	0.00108	0.00108	0.0000054	0.00778	0.00122	0.0106	0.0207	0.0000054	17.4	0.0000219	0.000276	0.00025	0.000866
2055 Nov	54.2	0.0371	0.0113	0.00108	11.2	0.0257	3.92	0.00108	0.00108	0.00000541	0.0078	0.00122	0.0106	0.0207	0.00000541	17.4	0.000022	0.000276	0.000251	0.000868
2055 Dec	54.2	0.0372	0.0113	0.00108	11.2	0.0257	3.92	0.00108	0.00108	0.00000541	0.0078	0.00122	0.0106	0.0207	0.00000541	17.4	0.000022	0.000276	0.000251	0.000868
2056 Jan	54.3	0.0372	0.0113	0.00108	11.2	0.0257	3.92	0.00108	0.00108	0.00000541	0.00781	0.00122	0.0106	0.0207	0.00000541	17.4	0.000022	0.000277	0.000251	0.000869
2056 Feb	54.3	0.0372	0.0113	0.00108	11.2	0.0257	3.92	0.00108	0.00108	0.00000541	0.00781	0.00122	0.0106	0.0208	0.00000541	17.5	0.000022	0.000277	0.000251	0.000869
2056 Mar	54.3	0.0373	0.0113	0.00108	11.2	0.0257	3.93	0.00108	0.00108	0.00000542	0.00781	0.00122	0.0106	0.0208	0.00000542	17.5	0.000022	0.000277	0.000251	0.00087
2056 Apr	54.5	0.0374	0.0113	0.00109	11.3	0.0258	3.94	0.00109	0.00109	0.00000544	0.00784	0.00123	0.0107	0.0209	0.00000544	17.5	0.0000221	0.000278	0.000253	0.000873
2056 May	56.1	0.0387	0.0118	0.0011	11.7	0.0259	4.07	0.0011	0.0011	0.00000548	0.00789	0.00126	0.0107	0.0217	0.00000548	18.2	0.0000223	0.000286	0.000266	0.000892
2056 Jun	57.5	0.0404	0.0125	0.00103	12.3	0.024	4.26	0.00103	0.00103	0.00000517	0.00737	0.00127	0.00996	0.023	0.00000517	19.2	0.0000211	0.000292	0.000299	0.000893
2056 Jul	59.8	0.042	0.013	0.00108	12.8	0.0251	4.44	0.00108	0.00108	0.00000539	0.00768	0.00132	0.0104	0.024	0.00000539	19.9	0.000022	0.000304	0.000311	0.000931
2056 Aug	61.2	0.043	0.0133	0.0011	13.1	0.0258	4.54	0.0011	0.0011	0.00000552	0.00785	0.00135	0.0106	0.0245	0.00000552	20.4	0.0000224	0.00031	0.000317	0.000953
2056 Sep	62.6	0.0441	0.0136	0.00113	13.4	0.0265	4.65	0.00113	0.00113	0.00000565	0.00804	0.00138	0.0109	0.0251	0.00000565	20.9	0.0000229	0.000317	0.000324	0.000976

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	61.8	0.0439	0.0134	0.00112	13.2	0.0263	4.6	0.00112	0.00112	0.00000558	0.00795	0.00137	0.0108	0.0248	0.00000558	20.6	0.0000226	0.000313	0.00032	0.000964
2056 Nov	61.7	0.0442	0.0134	0.00112	13.2	0.0264	4.6	0.00112	0.00112	0.00000558	0.00795	0.00136	0.0108	0.0247	0.00000558	20.6	0.0000225	0.000312	0.000319	0.000964
2056 Dec	61.8	0.0442	0.0134	0.00112	13.2	0.0264	4.6	0.00112	0.00112	0.00000558	0.00795	0.00136	0.0108	0.0247	0.00000558	20.6	0.0000225	0.000312	0.000319	0.000964
2057 Jan	61.8	0.0443	0.0134	0.00112	13.2	0.0264	4.6	0.00112	0.00112	0.00000558	0.00795	0.00137	0.0108	0.0247	0.00000558	20.6	0.0000225	0.000312	0.000319	0.000965
2057 Feb	61.8	0.0443	0.0134	0.00112	13.2	0.0264	4.6	0.00112	0.00112	0.00000558	0.00795	0.00137	0.0108	0.0247	0.00000558	20.6	0.0000225	0.000312	0.000319	0.000965
2057 Mar	61.9	0.0443	0.0134	0.00112	13.2	0.0264	4.61	0.00112	0.00112	0.00000559	0.00796	0.00137	0.0108	0.0248	0.00000559	20.6	0.0000226	0.000313	0.000319	0.000966
2057 Apr	62.1	0.0445	0.0134	0.00112	13.3	0.0265	4.63	0.00112	0.00112	0.00000561	0.00799	0.00137	0.0108	0.0249	0.00000561	20.7	0.0000227	0.000314	0.000321	0.00097
2057 May	63.2	0.0453	0.0137	0.00114	13.5	0.027	4.71	0.00114	0.00114	0.0000057	0.00812	0.0014	0.011	0.0253	0.0000057	21.1	0.000023	0.00032	0.000327	0.000987
2057 Jun	59.1	0.0412	0.0129	0.00107	12.6	0.0248	4.37	0.00107	0.00107	0.00000534	0.00762	0.00131	0.0103	0.0237	0.00000534	19.7	0.0000218	0.0003	0.000307	0.000919
2057 Jul	60.1	0.0417	0.0131	0.00109	12.8	0.0253	4.44	0.00109	0.00109	0.00000546	0.00779	0.00133	0.0105	0.024	0.00000546	20	0.0000223	0.000306	0.000311	0.000936
2057 Aug	64.3	0.0445	0.014	0.00117	13.6	0.0271	4.74	0.00117	0.00117	0.00000584	0.00833	0.00142	0.0113	0.0257	0.00000584	21.3	0.0000239	0.000327	0.000332	0.001
2057 Sep	65.5	0.0454	0.0143	0.00119	13.9	0.0276	4.84	0.00119	0.00119	0.00000595	0.00849	0.00145	0.0115	0.0262	0.00000595	21.8	0.0000243	0.000333	0.000338	0.00102
2057 Oct	65.3	0.0455	0.0142	0.00119	13.9	0.0276	4.82	0.00119	0.00119	0.00000593	0.00847	0.00144	0.0115	0.0261	0.00000593	21.7	0.0000242	0.000332	0.000337	0.00102
2057 Nov	65.4	0.0459	0.0142	0.00119	13.9	0.0277	4.84	0.00119	0.00119	0.00000594	0.00849	0.00145	0.0115	0.0261	0.00000594	21.7	0.0000242	0.000332	0.000337	0.00102
2057 Dec	65.4	0.0459	0.0142	0.00119	13.9	0.0277	4.84	0.00119	0.00119	0.00000595	0.00849	0.00145	0.0115	0.0261	0.00000595	21.7	0.0000243	0.000332	0.000337	0.00102
2058 Jan	65.4	0.046	0.0142	0.00119	13.9	0.0277	4.84	0.00119	0.00119	0.00000595	0.00849	0.00145	0.0115	0.0261	0.00000595	21.7	0.0000243	0.000332	0.000337	0.00102
2058 Feb	65.4	0.046	0.0142	0.00119	13.9	0.0277	4.84	0.00119	0.00119	0.00000595	0.00849	0.00145	0.0115	0.0261	0.00000595	21.7	0.0000243	0.000332	0.000337	0.00102
2058 Mar	65.5	0.046	0.0142	0.00119	13.9	0.0278	4.84	0.00119	0.00119	0.00000595	0.00849	0.00145	0.0115	0.0261	0.00000595	21.7	0.0000243	0.000332	0.000337	0.00102
2058 Apr	65.6	0.0461	0.0142	0.00119	14	0.0278	4.86	0.00119	0.00119	0.00000596	0.00851	0.00145	0.0115	0.0262	0.00000596	21.8	0.0000243	0.000333	0.000338	0.00102
2058 May	67.3	0.0475	0.0147	0.0012	14.4	0.0277	5	0.0012	0.0012	0.00000598	0.00851	0.00148	0.0115	0.0271	0.00000598	22.5	0.0000244	0.000341	0.000355	0.00104
2058 Jun	65.6	0.0471	0.0149	0.00106	14.4	0.0241	4.97	0.00106	0.00106	0.00000532	0.0075	0.00142	0.01	0.0274	0.00000532	22.5	0.0000219	0.000332	0.000375	0.000991
2058 Jul	67.2	0.0482	0.0153	0.00109	14.7	0.0247	5.09	0.00109	0.00109	0.00000546	0.0077	0.00145	0.0103	0.028	0.00000546	23.1	0.0000225	0.00034	0.000385	0.00102
2058 Aug	70	0.0502	0.0159	0.00114	15.3	0.0258	5.3	0.00114	0.00114	0.00000568	0.00802	0.00151	0.0107	0.0292	0.00000568	24	0.0000234	0.000354	0.0004	0.00106
2058 Sep	70.1	0.0506	0.0159	0.00114	15.4	0.0259	5.32	0.00114	0.00114	0.0000057	0.00804	0.00152	0.0108	0.0292	0.0000057	24.1	0.0000234	0.000354	0.0004	0.00106
2058 Oct	69.9	0.0508	0.0158	0.00114	15.3	0.026	5.3	0.00114	0.00114	0.00000568	0.00803	0.00151	0.0107	0.0291	0.00000568	24	0.0000233	0.000353	0.000398	0.00106
2058 Nov	70	0.051	0.0158	0.00114	15.3	0.0261	5.32	0.00114	0.00114	0.0000057	0.00805	0.00151	0.0108	0.0292	0.0000057	24	0.0000234	0.000353	0.000399	0.00106
2058 Dec	70	0.0511	0.0158	0.00114	15.4	0.0261	5.32	0.00114	0.00114	0.0000057	0.00805	0.00151	0.0108	0.0292	0.0000057	24	0.0000234	0.000353	0.000399	0.00106
2059 Jan	70	0.0511	0.0158	0.00114	15.4	0.0261	5.32	0.00114	0.00114	0.0000057	0.00805	0.00151	0.0108	0.0292	0.0000057	24	0.0000234	0.000353	0.000399	0.00106
2059 Feb	70	0.0511	0.0158	0.00114	15.4	0.0261	5.32	0.00114	0.00114	0.0000057	0.00805	0.00152	0.0108	0.0292	0.0000057	24	0.0000234	0.000354	0.000399	0.00106
2059 Mar	70.1	0.0511	0.0158	0.00114	15.4	0.0261	5.32	0.00114	0.00114	0.0000057	0.00805	0.00152	0.0108	0.0292	0.0000057	24	0.0000234	0.000354	0.000399	0.00106
2059 Apr	70.3	0.0513	0.0159	0.00114	15.4	0.0262	5.34	0.00114	0.00114	0.00000571	0.00807	0.00152	0.0108	0.0293	0.00000571	24.1	0.0000234	0.000355	0.0004	0.00106
2059 May	71.4	0.0522	0.0162	0.00115	15.7	0.0264	5.43	0.00115	0.00115	0.00000577	0.00815	0.00154	0.0109	0.0298	0.00000577	24.6	0.0000237	0.00036	0.000409	0.00108
2059 Jun	72.1	0.0528	0.0165	0.00113	15.9	0.0255	5.51	0.00113	0.00113	0.00000565	0.00795	0.00155	0.0106	0.0304	0.00000565	25	0.0000233	0.000364	0.000423	0.00108
2059 Jul	76.7	0.0561	0.0176	0.0012	16.9	0.0272	5.86	0.0012	0.0012	0.00000602	0.00846	0.00165	0.0113	0.0324	0.00000602	26.6	0.0000248	0.000387	0.00045	0.00115
2059 Aug	80.8	0.0591	0.0185	0.00127	17.9	0.0287	6.17	0.00127	0.00127	0.00000634	0.00892	0.00174	0.0119	0.0341	0.00000634	28	0.0000261	0.000408	0.000474	0.00121
2059 Sep	81.4	0.06	0.0186	0.00128	18	0.0291	6.23	0.00128	0.00128	0.0000064	0.009	0.00175	0.012	0.0343	0.0000064	28.2	0.0000263	0.00041	0.000477	0.00122
2059 Oct	76.9	0.0597	0.0173	0.00122	17.1	0.0285	5.93	0.00122	0.00122	0.00000608	0.00862	0.00165	0.0115	0.0323	0.00000608	26.6	0.0000248	0.000385	0.000443	0.00116
2059 Nov	76.5	0.0601	0.0172	0.00121	17	0.0286	5.92	0.00121	0.00121	0.00000606	0.0086	0.00165	0.0115	0.0321	0.00000606	26.4	0.0000246	0.000383	0.00044	0.00116
2059 Dec	76.5	0.0601	0.0172	0.00121	17	0.0287	5.92	0.00121	0.00121	0.00000606	0.00861	0.00165	0.0115	0.0321	0.00000606	26.4	0.0000246	0.000383	0.00044	0.00116
2060 Jan	76.5	0.0602	0.0172	0.00121	17	0.0287	5.92	0.00121	0.00121	0.00000606	0.00861	0.00165	0.0115	0.0321	0.00000606	26.4	0.0000246	0.000383	0.00044	0.00116
2060 Feb	76.6	0.0602	0.0172	0.00121	17	0.0287	5.92	0.00121	0.00121	0.00000606	0.00861	0.00165	0.0115	0.0321	0.00000606	26.4	0.0000246	0.000383	0.00044	0.00116
2060 Mar	76.6	0.0602	0.0172	0.00121	17	0.0287	5.92	0.00121	0.00121	0.00000607	0.00861	0.00165	0.0115	0.0321	0.00000607	26.5	0.0000247	0.000383	0.00044	0.00116
2060 Apr	76.9	0.0605	0.0173	0.00122	17.1	0.0288	5.95	0.00122	0.00122	0.00000609	0.00864	0.00165	0.0115	0.0322	0.00000609	26.6	0.0000248	0.000385	0.000442	0.00117
2060 May	77.8	0.0611	0.0175	0.00122	17.3	0.0286	6.03	0.00122	0.00122	0.00000608	0.00862	0.00167	0.0115	0.0327	0.00000608	27	0.0000248	0.000389	0.000452	0.00118
2060 Jun	75.1	0.0584	0.0171	0.00115	16.8	0.0266	5.83	0.00115	0.00115	0.00000574	0.00811	0.0016	0.0108	0.0319	0.00000574	26.2	0.0000235	0.000376	0.000445	0.00113
2060 Jul	79.4	0.0617	0.0181	0.00122	17.7	0.0282	6.16	0.00122	0.00122	0.00000608	0.00858	0.0017	0.0114	0.0337	0.00000608	27.7	0.0000249	0.000398	0.00047	0.00119
2060 Aug	80.9	0.063	0.0184	0.00124	18.1	0.029	6.28	0.00124	0.00124	0.00000621	0.00875	0.00173	0.0117	0.0343	0.00000621	28.2	0.0000252	0.000405	0.000477	0.00122
2060 Sep	76.9	0.0608	0.0173	0.00119	17.3	0.0289	5.99	0.00119	0.00119	0.00000597	0.00837	0.00165	0.0114	0.0324	0.00000597	26.7	0.0000236	0.000383	0.000446	0.00116
2060 Oct	76.2	0.0607	0.0171	0.00119	17.1	0.0288	5.95	0.00119	0.00119	0.00000593	0.00832	0.00163	0.0113	0.0321	0.00000593	26.5	0.0000234	0.00038	0.000441	0.00115
2060 Nov	75.9	0.0608	0.017	0.00118	17	0.0288	5.93	0.00118	0.00118	0.0000059	0.00829	0.00163	0.0113	0.0319	0.0000059	26.4	0.0000233	0.000378	0.000438	0.00115
2060 Dec	75.9	0.0608	0.017	0.00118	17.1	0.0288	5.93	0.00118	0.00118	0.00000591	0.0083	0.00163	0.0113	0.0319	0.00000591	26.4	0.0000233	0.000378	0.000438	0.00115
2061 Jan	75.9	0.0609	0.017	0.00118	17.1	0.0288	5.93	0.00118	0.00118	0.00000591	0.0083	0.00163	0.0113	0.0319	0.00000591	26.4	0.0000233	0.000378	0.000438	0.00115
2061 Feb	75.9	0.0609	0.017	0.00118	17.1	0.0288	5.93	0.00118	0.00118	0.00000591	0.0083	0.00163	0.0113	0.0319	0.00000591	26.4	0.0000233	0.000378	0.000438	0.00115
2061 Mar	75.9	0.0609	0.017	0.00118	17.1	0.0288	5.93	0.00118	0.00118	0.00000591	0.0083	0.00163	0.0113	0.032	0.00000591	26.4	0.0000233	0.000378	0.000439	0.00115
2061 Apr	76.2	0.0611	0.0171	0.00119	17.1	0.0289	5.96	0.00119	0.00119	0.00000593	0.00833	0.00163	0.0113	0.0321	0.00000593	26.5	0.0000234	0.00038	0.00044	0.00115
2061 May	77.3	0.0618	0.0174	0.00118	17.4	0.0286	6.05	0.00118	0.00118	0.00000591	0.00828	0.00165	0.0113	0.0328	0.00000591	27	0.0000234	0.000385	0.000454	0.00116
2061 Jun	73	0.0577	0.0167	0.00108	16.5	0.0257	5.72	0.00108	0.00108	0.00000542	0.00757	0.00155	0.0102	0.0312	0.00000542	25.6	0.0000216	0.000364	0.000439	0.00109
2061 Jul	76.8	0.0607	0.0176	0.00114	17.4	0.0271	6.02	0.00114	0.00114	0.00000572	0.00799	0.00163	0.0108	0.0329	0.00000572	27	0.0000229	0.000383	0.000461	0.00115
2061 Aug	80.8	0.0638	0.0185	0.0012	18.3	0.0285	6.33	0.0012	0.0012	0.00000602	0.0084	0.00172	0.0113	0.0346	0.00000602	28.4	0.000024	0.000403	0.000485	0.00121
2061 Sep	81.9	0.0647	0.0187	0.00122	18.5	0.0289	6.42	0.00122	0.00122	0.0000061	0.00852	0.00174	0.0115	0.035	0.0000061	28.8	0.0000244	0.000409	0.000492	0.00122
2061 Oct	79	0.0641	0.0179	0.00118	17.9	0.0286	6.22	0.00118	0.00118	0.00000591	0.00829	0.00168	0.0112	0.0337	0.00000591	27.7	0.0000235	0.000393	0.00047	0.00118
2061 Nov	78	0.0646	0.0176	0.00117	17.7	0.0287	6.16	0.00117	0.00117	0.00000586	0.00825	0.00166	0.0111	0.0332	0.00000586	27.3	0.0000232	0.000387	0.000461	0.00117
2061 Dec	78	0.0647	0.0176	0.00117	17.7	0.0287	6.16	0.00117	0.00117	0.00000586	0.00825	0.00166	0.0111	0.0332	0.00000586	27.3	0.0000232	0.000387	0.000461	0.00117
2062 Jan	78.1	0.0647	0.0176	0.00117	17.7	0.0287	6.17	0.00117	0.00117	0.00000586	0.00825	0.00166	0.0111	0.0332	0.00000586	27.3	0.0000232	0.000387	0.000461	0.00117
2062 Feb	78.1	0.0647	0.0176	0.00117	17.7	0.0287	6.17	0.00117	0.00117	0.00000586	0.00825	0.00166	0.0111	0.0332	0.00000586	27.3	0.0000232	0.000387	0.000462	0.00117
2062 Mar	78.2	0.0648	0.0176	0.00117	17.7	0.0287	6.18	0.00117	0.00117	0.00000587	0.00826	0.00166	0.0112	0.0332	0.00000587	27.4	0.0000232	0.000388	0.000462	0.00118
2062 Apr	78.5	0.0651	0.0177	0.00118	17.8	0.0289	6.2	0.00118	0.00118	0.00000589	0.00829	0.00167	0.0112	0.0334	0.00000589	27.5	0.0000233	0.000389	0.000464	0.00118
2062 May	79.4	0.0659	0.0179	0.00119	18	0.0292	6.27	0.00119	0.00119	0.00000596	0.00839	0.00169	0.0113	0.0338	0.00000596	27.8	0.0000236	0.000394	0.00047	0.0012
2062 Jun	71.5	0.0568	0.016	0.00113	15.9	0.0271	5.54	0.00113	0.00113	0.00000565	0.008	0.00154	0.0108	0.0299	0.00000565	24.7	0.0000227	0.000357	0.000409	0.00108
2062 Jul	68.8	0.0534	0.0153	0.00112	15.2	0.0266	5.28	0.00112	0.00112	0.00000559	0.00793	0.00148	0.0107	0.0285	0.00000559	23.6	0.0000226	0.000345	0.000386	0.00105
2062 Aug	69.6	0.0541	0.0154	0.00113	15.4	0.0272	5.35	0.00113	0.00113	0.00000567	0.00804	0.0015	0.0109	0.0288	0.00000567	23.8	0.0000227	0.000349	0.000389	0.00106
2062 Sep	68.4	0.0541	0.0151	0.00112	15.1	0.0271	5.27	0.00112	0.00112	0.00000559	0.00793	0.00148	0.0108	0.0283	0.00000559	23.4	0.0000223	0.000342	0.00038	0.00104
2062 Oct	62.9	0.0553	0.0134	0.00104	14.1	0.0268	4.95	0.00104	0.00104	0.0000052	0.00749	0.00136	0.0102	0.0257	0.0000052	21.4	0.0000204	0.00031	0.000338	0.000977
2062 Nov	62.9	0.0557	0.0134	0.00104	14.1	0.027	4.95	0.00104	0.00104	0.00000521	0.00751	0.00136	0.0102	0.0257	0.00000521	21.4	0.0000204	0.00031	0.000337	0.000979
2062 Dec	62.9	0.0558	0.0133	0.00104	14.1	0.027	4.95	0.00104	0.00104	0.00000521	0.00751	0.00136	0.0102	0.0257	0.00000521	21.4	0.0000204	0.00031	0.000337	0.000979
2063 Jan	63	0.0558	0.0134	0.00104	14.1	0.027	4.96	0.00104	0.00104	0.00000521	0.00751	0.00136	0.0102	0.0257	0.00000521	21.4	0.0000204	0.00031	0.000337	0.000979
2063 Feb	63	0.0558	0.0134	0.00104	14.1	0.027	4.96	0.00104	0.00104	0.00000521	0.00752	0.00136	0.0102	0.0257	0.00000521	21.4	0.0000204	0.00031	0.000337	0.00098

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	63	0.0558	0.0134	0.00104	14.1	0.027	4.96	0.00104	0.00104	0.00000521	0.00752	0.00136	0.0102	0.0257	0.00000521	21.4	0.0000204	0.00031	0.000337	0.00098
2063 Apr	63.1	0.056	0.0134	0.00105	14.1	0.0271	4.97	0.00105	0.00105	0.00000523	0.00753	0.00136	0.0102	0.0258	0.00000523	21.5	0.0000204	0.000311	0.000338	0.000982
2063 May	64.2	0.0567	0.0137	0.00105	14.4	0.0272	5.06	0.00105	0.00105	0.00000526	0.00758	0.00139	0.0103	0.0263	0.00000526	21.9	0.0000206	0.000317	0.000347	0.000996
2063 Jun	59.1	0.0491	0.013	0.000945	13.2	0.0232	4.61	0.000945	0.000945	0.00000473	0.00676	0.00127	0.0091	0.0245	0.00000473	20.3	0.000019	0.000294	0.000332	0.000902
2063 Jul	59	0.0488	0.013	0.000951	13.2	0.0233	4.59	0.000951	0.000951	0.00000475	0.0068	0.00127	0.00916	0.0245	0.00000475	20.3	0.0000191	0.000294	0.00033	0.000903
2063 Aug	62.1	0.0514	0.0136	0.001	13.8	0.0246	4.83	0.001	0.001	0.000005	0.00716	0.00134	0.00965	0.0257	0.000005	21.3	0.0000201	0.000309	0.000347	0.00095
2063 Sep	62.4	0.0519	0.0136	0.00101	13.9	0.0251	4.87	0.00101	0.00101	0.00000505	0.0072	0.00134	0.00978	0.0258	0.00000505	21.4	0.00002	0.00031	0.000346	0.000956
2063 Oct	61.5	0.0518	0.0134	0.000997	13.7	0.0249	4.81	0.000997	0.000997	0.00000498	0.00713	0.00133	0.00967	0.0254	0.00000498	21.1	0.0000198	0.000306	0.00034	0.000945
2063 Nov	61.5	0.0522	0.0133	0.000997	13.7	0.025	4.81	0.000997	0.000997	0.00000499	0.00714	0.00132	0.00969	0.0254	0.00000499	21.1	0.0000197	0.000305	0.000339	0.000945
2063 Dec	61.5	0.0523	0.0133	0.000998	13.8	0.0251	4.81	0.000998	0.000998	0.00000499	0.00714	0.00133	0.00969	0.0254	0.00000499	21.1	0.0000197	0.000305	0.000339	0.000946
2064 Jan	61.5	0.0523	0.0133	0.000998	13.8	0.0251	4.82	0.000998	0.000998	0.00000499	0.00714	0.00133	0.0097	0.0254	0.00000499	21.1	0.0000197	0.000305	0.000339	0.000946
2064 Feb	61.6	0.0523	0.0133	0.000998	13.8	0.0251	4.82	0.000998	0.000998	0.00000499	0.00714	0.00133	0.0097	0.0254	0.00000499	21.1	0.0000197	0.000305	0.000339	0.000946
2064 Mar	61.7	0.0524	0.0134	0.000999	13.8	0.0251	4.83	0.000999	0.000999	0.000005	0.00715	0.00133	0.00971	0.0254	0.000005	21.1	0.0000198	0.000306	0.00034	0.000948
2064 Apr	61.8	0.0525	0.0134	0.001	13.8	0.0252	4.84	0.001	0.001	0.00000501	0.00717	0.00133	0.00973	0.0255	0.00000501	21.2	0.0000198	0.000307	0.000341	0.00095
2064 May	63.3	0.0534	0.0139	0.001	14.2	0.025	4.96	0.001	0.001	0.00000502	0.00716	0.00136	0.00969	0.0263	0.00000502	21.8	0.0000199	0.000314	0.000356	0.000966
2064 Jun	63.2	0.0522	0.0143	0.000937	14.3	0.0226	4.98	0.000937	0.000937	0.00000469	0.00662	0.00134	0.00886	0.027	0.00000469	22.2	0.0000188	0.000314	0.000378	0.000946
2064 Jul	65.6	0.0541	0.0149	0.000974	14.9	0.0234	5.17	0.000974	0.000974	0.00000487	0.00687	0.00139	0.00921	0.028	0.00000487	23	0.0000196	0.000326	0.000392	0.000982
2064 Aug	66.8	0.0551	0.0151	0.000994	15.2	0.0241	5.27	0.000994	0.000994	0.00000497	0.00701	0.00142	0.00941	0.0285	0.00000497	23.4	0.0000199	0.000332	0.000398	0.001
2064 Sep	65.6	0.0546	0.0147	0.000984	14.9	0.0243	5.19	0.000984	0.000984	0.00000492	0.00691	0.0014	0.00939	0.0279	0.00000492	23	0.0000193	0.000325	0.000387	0.000986
2064 Oct	65.8	0.055	0.0148	0.000988	15	0.0244	5.21	0.000988	0.000988	0.00000494	0.00695	0.0014	0.00944	0.028	0.00000494	23	0.0000194	0.000326	0.000388	0.00099
2064 Nov	66.1	0.0553	0.0148	0.000992	15	0.0246	5.23	0.000992	0.000992	0.00000496	0.00698	0.00141	0.00948	0.0281	0.00000496	23.1	0.0000195	0.000327	0.000389	0.000994
2064 Dec	66.1	0.0553	0.0148	0.000992	15	0.0246	5.23	0.000992	0.000992	0.00000496	0.00698	0.00141	0.00949	0.0281	0.00000496	23.1	0.0000195	0.000327	0.000389	0.000995
2065 Jan	66.1	0.0553	0.0148	0.000992	15	0.0246	5.23	0.000992	0.000992	0.00000496	0.00698	0.00141	0.00949	0.0281	0.00000496	23.1	0.0000195	0.000327	0.000389	0.000995
2065 Feb	66.1	0.0554	0.0148	0.000993	15	0.0246	5.23	0.000993	0.000993	0.00000496	0.00698	0.00141	0.00949	0.0281	0.00000496	23.2	0.0000195	0.000327	0.000389	0.000995
2065 Mar	66.2	0.0554	0.0148	0.000994	15.1	0.0246	5.24	0.000994	0.000994	0.00000497	0.00699	0.00141	0.0095	0.0281	0.00000497	23.2	0.0000195	0.000328	0.00039	0.000997
2065 Apr	66.5	0.0557	0.0149	0.000998	15.1	0.0247	5.27	0.000998	0.000998	0.00000499	0.00702	0.00142	0.00954	0.0282	0.00000499	23.3	0.0000196	0.000329	0.000392	0.001
2065 May	67.6	0.0565	0.0152	0.00101	15.4	0.0249	5.36	0.00101	0.00101	0.00000504	0.00709	0.00144	0.00962	0.0288	0.00000504	23.7	0.0000198	0.000335	0.000401	0.00102
2065 Jun	64.3	0.0524	0.0146	0.000961	14.6	0.0232	5.06	0.000961	0.000961	0.00000481	0.00675	0.00137	0.00912	0.0274	0.00000481	22.6	0.0000191	0.00032	0.000383	0.000963
2065 Jul	67.7	0.055	0.0153	0.00102	15.3	0.0245	5.32	0.00102	0.00102	0.00000508	0.00714	0.00144	0.00965	0.0288	0.00000508	23.7	0.0000203	0.000337	0.000402	0.00101
2065 Aug	71	0.0577	0.0161	0.00107	16.1	0.0258	5.58	0.00107	0.00107	0.00000533	0.00749	0.00151	0.0101	0.0302	0.00000533	24.9	0.0000212	0.000353	0.000421	0.00106
2065 Sep	68.9	0.0575	0.0154	0.00104	15.6	0.0257	5.44	0.00104	0.00104	0.00000521	0.00734	0.00147	0.00996	0.0292	0.00000521	24.1	0.0000206	0.000342	0.000404	0.00104
2065 Oct	64.7	0.0581	0.0141	0.000991	14.8	0.0256	5.17	0.000991	0.000991	0.00000495	0.00707	0.00138	0.0096	0.0271	0.00000495	22.5	0.0000193	0.000317	0.000369	0.000987
2065 Nov	64.4	0.0585	0.014	0.000988	14.7	0.0258	5.16	0.000988	0.000988	0.00000494	0.00706	0.00137	0.00959	0.027	0.00000494	22.4	0.0000192	0.000316	0.000366	0.000985
2065 Dec	64.4	0.0585	0.014	0.000989	14.7	0.0258	5.16	0.000989	0.000989	0.00000494	0.00707	0.00137	0.0096	0.027	0.00000494	22.4	0.0000192	0.000316	0.000366	0.000985
2066 Jan	64.4	0.0586	0.014	0.000989	14.7	0.0258	5.16	0.000989	0.000989	0.00000494	0.00707	0.00137	0.0096	0.027	0.00000494	22.4	0.0000192	0.000316	0.000366	0.000985
2066 Feb	64.4	0.0586	0.014	0.000989	14.7	0.0258	5.17	0.000989	0.000989	0.00000495	0.00707	0.00137	0.0096	0.027	0.00000495	22.4	0.0000192	0.000316	0.000366	0.000986
2066 Mar	64.6	0.0587	0.014	0.000991	14.8	0.0259	5.18	0.000991	0.000991	0.00000496	0.00709	0.00138	0.00962	0.0271	0.00000496	22.4	0.0000192	0.000317	0.000367	0.000988
2066 Apr	64.8	0.0589	0.0141	0.000994	14.8	0.0259	5.19	0.000994	0.000994	0.00000497	0.00711	0.00138	0.00965	0.0271	0.00000497	22.5	0.0000193	0.000317	0.000368	0.000991
2066 May	65.6	0.0596	0.0142	0.00101	15	0.0262	5.26	0.00101	0.00101	0.00000503	0.00719	0.0014	0.00976	0.0275	0.00000503	22.8	0.0000195	0.000321	0.000373	0.001
2066 Jun	59	0.0503	0.0128	0.00095	13.2	0.0237	4.62	0.00095	0.00095	0.00000475	0.00681	0.00127	0.00921	0.0244	0.00000475	20.3	0.0000189	0.000293	0.000327	0.000905
2066 Jul	62	0.0524	0.0135	0.00101	13.8	0.0251	4.84	0.00101	0.00101	0.00000504	0.00722	0.00134	0.00977	0.0256	0.00000504	21.2	0.0000201	0.000308	0.000342	0.000953
2066 Aug	65	0.0549	0.0141	0.00106	14.5	0.0264	5.08	0.00106	0.00106	0.00000529	0.00758	0.0014	0.0103	0.0268	0.00000529	22.3	0.000021	0.000323	0.000358	0.001
2066 Sep	65.2	0.0557	0.0141	0.00106	14.6	0.0267	5.1	0.00106	0.00106	0.00000531	0.00762	0.00141	0.0103	0.0269	0.00000531	22.3	0.0000211	0.000323	0.000358	0.001
2066 Oct	63.9	0.0557	0.0137	0.00104	14.3	0.0266	5.02	0.00104	0.00104	0.00000522	0.00751	0.00138	0.0102	0.0263	0.00000522	21.8	0.0000206	0.000316	0.000348	0.000988
2066 Nov	63.7	0.056	0.0136	0.00104	14.3	0.0267	5.01	0.00104	0.00104	0.00000521	0.0075	0.00137	0.0102	0.0261	0.00000521	21.8	0.0000205	0.000314	0.000346	0.000986
2066 Dec	63.7	0.0561	0.0136	0.00104	14.3	0.0267	5.02	0.00104	0.00104	0.00000521	0.00751	0.00137	0.0102	0.0262	0.00000521	21.8	0.0000205	0.000315	0.000346	0.000987
2067 Jan	63.8	0.0561	0.0136	0.00104	14.3	0.0267	5.02	0.00104	0.00104	0.00000521	0.00751	0.00137	0.0102	0.0262	0.00000521	21.8	0.0000205	0.000315	0.000346	0.000987
2067 Feb	63.8	0.0561	0.0136	0.00104	14.3	0.0267	5.02	0.00104	0.00104	0.00000521	0.00751	0.00138	0.0102	0.0262	0.00000521	21.8	0.0000205	0.000315	0.000347	0.000988
2067 Mar	63.9	0.0562	0.0137	0.00104	14.3	0.0268	5.03	0.00104	0.00104	0.00000522	0.00752	0.00138	0.0102	0.0262	0.00000522	21.8	0.0000206	0.000315	0.000347	0.000989
2067 Apr	64	0.0564	0.0137	0.00105	14.3	0.0268	5.04	0.00105	0.00105	0.00000523	0.00754	0.00138	0.0102	0.0263	0.00000523	21.9	0.0000206	0.000316	0.000348	0.000991
2067 May	65.3	0.0574	0.014	0.00106	14.7	0.0271	5.15	0.00106	0.00106	0.0000053	0.00763	0.00141	0.0103	0.0269	0.0000053	22.4	0.0000209	0.000323	0.000358	0.00101
2067 Jun	63.9	0.0548	0.014	0.00102	14.3	0.0254	5.02	0.00102	0.00102	0.00000509	0.00729	0.00137	0.00983	0.0265	0.00000509	22	0.0000203	0.000317	0.000358	0.000979
2067 Jul	67.7	0.0579	0.0148	0.00108	15.2	0.027	5.31	0.00108	0.00108	0.0000054	0.00774	0.00145	0.0104	0.0281	0.0000054	23.3	0.0000215	0.000335	0.000378	0.00104
2067 Aug	69	0.0587	0.015	0.00111	15.5	0.028	5.42	0.00111	0.00111	0.00000554	0.0079	0.00149	0.0107	0.0286	0.00000554	23.7	0.0000218	0.000341	0.000384	0.00106
2067 Sep	69.6	0.0596	0.0151	0.00112	15.6	0.0284	5.48	0.00112	0.00112	0.0000056	0.00799	0.0015	0.0108	0.0289	0.0000056	23.9	0.000022	0.000344	0.000387	0.00107
2067 Oct	67.7	0.0594	0.0145	0.00109	15.2	0.0282	5.35	0.00109	0.00109	0.00000546	0.00782	0.00146	0.0106	0.028	0.00000546	23.2	0.0000213	0.000333	0.000372	0.00105
2067 Nov	67.4	0.0598	0.0144	0.00109	15.2	0.0283	5.34	0.00109	0.00109	0.00000545	0.00781	0.00145	0.0106	0.0278	0.00000545	23.1	0.0000212	0.000331	0.000369	0.00105
2067 Dec	67.4	0.06	0.0144	0.00109	15.2	0.0283	5.34	0.00109	0.00109	0.00000545	0.00782	0.00145	0.0106	0.0278	0.00000545	23.1	0.0000212	0.000331	0.000369	0.00105
2068 Jan	67.4	0.06	0.0144	0.00109	15.2	0.0283	5.35	0.00109	0.00109	0.00000545	0.00782	0.00145	0.0106	0.0278	0.00000545	23.1	0.0000212	0.000331	0.000369	0.00105
2068 Feb	67.5	0.06	0.0144	0.00109	15.2	0.0283	5.35	0.00109	0.00109	0.00000546	0.00783	0.00146	0.0106	0.0278	0.00000546	23.1	0.0000212	0.000331	0.00037	0.00105
2068 Mar	67.6	0.0602	0.0145	0.00109	15.2	0.0284	5.36	0.00109	0.00109	0.00000547	0.00784	0.00146	0.0106	0.0279	0.00000547	23.2	0.0000213	0.000332	0.000371	0.00105
2068 Apr	68.2	0.0607	0.0146	0.0011	15.4	0.0286	5.4	0.0011	0.0011	0.00000551	0.0079	0.00147	0.0107	0.0281	0.00000551	23.4	0.0000214	0.000335	0.000374	0.00106
2068 May	69.4	0.0614	0.015	0.00111	15.7	0.0286	5.5	0.00111	0.00111	0.00000554	0.00793	0.00149	0.0107	0.0288	0.00000554	23.9	0.0000216	0.000341	0.000385	0.00107
2068 Jun	65	0.0553	0.0145	0.000984	14.7	0.0244	5.15	0.000984	0.000984	0.00000492	0.00698	0.00139	0.00935	0.0275	0.00000492	22.7	0.0000195	0.000321	0.00038	0.000984
2068 Jul	66.2	0.056	0.0147	0.00101	15	0.0251	5.24	0.00101	0.00101	0.00000505	0.00714	0.00142	0.00958	0.028	0.00000505	23.1	0.0000199	0.000327	0.000386	0.00101
2068 Aug	69.8	0.059	0.0155	0.00107	15.8	0.0266	5.53	0.00107	0.00107	0.00000533	0.00754	0.00149	0.0101	0.0295	0.00000533	24.4	0.000021	0.000344	0.000407	0.00106
2068 Sep	69.8	0.0596	0.0155	0.00107	15.8	0.0268	5.54	0.00107	0.00107	0.00000534	0.00756	0.00149	0.0102	0.0295	0.00000534	24.3	0.000021	0.000344	0.000405	0.00106
2068 Oct	69.9	0.0602	0.0154	0.00107	15.9	0.027	5.55	0.00107	0.00107	0.00000536	0.0076	0.0015	0.0102	0.0295	0.00000536	24.3	0.000021	0.000344	0.000404	0.00107
2068 Nov	70.1	0.0605	0.0155	0.00108	15.9	0.0271	5.57	0.00108	0.00108	0.00000538	0.00762	0.0015	0.0102	0.0296	0.00000538	24.4	0.0000211	0.000345	0.000405	0.00107
2068 Dec	70.2	0.0605	0.0155	0.00108	15.9	0.0272	5.58	0.00108	0.00108	0.00000538	0.00763	0.0015	0.0103	0.0296	0.00000538	24.4	0.0000211	0.000345	0.000406	0.00107
2069 Jan	70.2	0.0605	0.0155	0.00108	15.9	0.0272	5.58	0.00108	0.00108	0.00000538	0.00763	0.0015	0.0103	0.0296	0.00000538	24.4	0.0000211	0.000345	0.000406	0.00107
2069 Feb	70.2	0.0606	0.0155	0.00108	15.9	0.0272	5.58	0.00108	0.00108	0.00000538	0.00763	0.0015	0.0103	0.0296	0.00000538	24.5	0.0000211	0.000345	0.000406	0.00107
2069 Mar	70.2	0.0606	0.0155	0.00108	15.9	0.0272	5.58	0.00108	0.00108	0.00000538	0.00763	0.0015	0.0103	0.0296	0.00000538	24.5	0.0000211	0.000345	0.000406	0.00107
2069 Apr	70.4	0.0607	0.0155	0.00108	16	0.0272	5.59	0.00108	0.00108	0.00000539	0.00765	0.00151	0.0103	0.0297	0.00000539	24.5	0.0000211	0.000346	0.000407	0.00107
2069 May	71.8	0.0619	0.0158	0.0011	16.3	0.0278	5.7	0.0011	0.0011	0.0000055	0.0078	0.00154	0.0105	0.0303	0.0000055	25	0.0000216	0.000353	0.000415	0.0011
2069 Jun	65.6	0.0541	0.0144	0.00105	14.7	0.0258	5.13	0.00105	0.00105	0.00000525	0.00747	0.00141	0.01	0.0273	0.00000525	22.6	0.0000209	0.000326	0.00037	0.00101
2069 Jul	67.6	0.0554	0.0149	0.00109	15.1	0.0267	5.27	0.00109	0.00109	0.00000545	0.00777	0.00146	0.0104	0.0281	0.00000545	23.2	0.0000218	0.000336	0.000379	0.00104

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	69.9	0.0572	0.0154	0.00113	15.6	0.0277	5.44	0.00113	0.00113	0.00000564	0.00803	0.00151	0.0108	0.029	0.00000564	24	0.0000225	0.000347	0.000392	0.00107
2069 Sep	67.8	0.0573	0.0147	0.0011	15.1	0.0275	5.31	0.0011	0.0011	0.00000549	0.00785	0.00146	0.0106	0.0281	0.00000549	23.3	0.0000218	0.000335	0.000376	0.00105
2069 Oct	64.1	0.058	0.0136	0.00105	14.4	0.0274	5.09	0.00105	0.00105	0.00000524	0.00757	0.00139	0.0102	0.0263	0.00000524	21.9	0.0000205	0.000314	0.000347	0.001
2069 Nov	64	0.0583	0.0135	0.00105	14.4	0.0274	5.08	0.00105	0.00105	0.00000524	0.00757	0.00138	0.0102	0.0262	0.00000524	21.8	0.0000205	0.000313	0.000345	0.000999
2069 Dec	64	0.0584	0.0135	0.00105	14.4	0.0275	5.08	0.00105	0.00105	0.00000524	0.00757	0.00138	0.0102	0.0262	0.00000524	21.8	0.0000205	0.000313	0.000345	0.001
2070 Jan	64	0.0584	0.0135	0.00105	14.4	0.0275	5.08	0.00105	0.00105	0.00000524	0.00757	0.00138	0.0102	0.0262	0.00000524	21.8	0.0000205	0.000313	0.000345	0.001
2070 Feb	64	0.0585	0.0135	0.00105	14.4	0.0275	5.08	0.00105	0.00105	0.00000524	0.00757	0.00138	0.0102	0.0262	0.00000524	21.9	0.0000205	0.000313	0.000345	0.001
2070 Mar	64.1	0.0585	0.0135	0.00105	14.4	0.0275	5.09	0.00105	0.00105	0.00000524	0.00758	0.00138	0.0102	0.0263	0.00000524	21.9	0.0000205	0.000314	0.000346	0.001
2070 Apr	64.3	0.0588	0.0136	0.00105	14.5	0.0276	5.11	0.00105	0.00105	0.00000526	0.00761	0.00139	0.0102	0.0264	0.00000526	22	0.0000206	0.000315	0.000347	0.00101
2070 May	65.6	0.0597	0.014	0.00106	14.8	0.0277	5.22	0.00106	0.00106	0.00000531	0.00767	0.00142	0.0103	0.027	0.00000531	22.5	0.0000208	0.000322	0.000358	0.00102
2070 Jun	66	0.0585	0.0144	0.00102	15	0.026	5.25	0.00102	0.00102	0.00000512	0.00733	0.00141	0.00981	0.0277	0.00000512	22.9	0.0000202	0.000324	0.000376	0.00101
2070 Jul	69	0.0611	0.0151	0.00107	15.6	0.0273	5.49	0.00107	0.00107	0.00000536	0.00767	0.00148	0.0103	0.0289	0.00000536	23.9	0.0000212	0.000339	0.000393	0.00106
2070 Aug	71.2	0.063	0.0155	0.00111	16.1	0.0283	5.67	0.00111	0.00111	0.00000554	0.00793	0.00153	0.0106	0.0298	0.00000554	24.7	0.0000218	0.00035	0.000405	0.00109
2070 Sep	69.9	0.0634	0.0151	0.00109	15.9	0.0284	5.59	0.00109	0.00109	0.00000547	0.00785	0.0015	0.0105	0.0292	0.00000547	24.2	0.0000214	0.000342	0.000394	0.00108
2070 Oct	68	0.0634	0.0146	0.00107	15.5	0.0282	5.47	0.00107	0.00107	0.00000534	0.00771	0.00146	0.0103	0.0283	0.00000534	23.5	0.0000208	0.000332	0.000379	0.00105
2070 Nov	67.9	0.0637	0.0145	0.00107	15.5	0.0283	5.46	0.00107	0.00107	0.00000534	0.00771	0.00146	0.0104	0.0282	0.00000534	23.4	0.0000208	0.000331	0.000377	0.00105
2070 Dec	67.9	0.0638	0.0145	0.00107	15.5	0.0283	5.46	0.00107	0.00107	0.00000534	0.00771	0.00146	0.0104	0.0282	0.00000534	23.4	0.0000208	0.000331	0.000377	0.00105
2071 Jan	67.9	0.0638	0.0145	0.00107	15.5	0.0283	5.46	0.00107	0.00107	0.00000534	0.00771	0.00146	0.0104	0.0282	0.00000534	23.4	0.0000208	0.000331	0.000377	0.00105
2071 Feb	67.9	0.0638	0.0145	0.00107	15.5	0.0283	5.47	0.00107	0.00107	0.00000534	0.00771	0.00146	0.0104	0.0282	0.00000534	23.5	0.0000208	0.000331	0.000378	0.00105
2071 Mar	68	0.0638	0.0145	0.00107	15.5	0.0283	5.47	0.00107	0.00107	0.00000534	0.00772	0.00146	0.0104	0.0282	0.00000534	23.5	0.0000208	0.000331	0.000378	0.00106
2071 Apr	68.1	0.0639	0.0145	0.00107	15.5	0.0284	5.48	0.00107	0.00107	0.00000535	0.00773	0.00146	0.0104	0.0283	0.00000535	23.5	0.0000208	0.000332	0.000378	0.00106
2071 May	68.5	0.064	0.0147	0.00107	15.6	0.0282	5.51	0.00107	0.00107	0.00000534	0.00771	0.00147	0.0103	0.0286	0.00000534	23.7	0.0000208	0.000334	0.000384	0.00106
2071 Jun	65.3	0.0592	0.0142	0.001	14.9	0.0258	5.23	0.001	0.001	0.00000502	0.00721	0.0014	0.00964	0.0274	0.00000502	22.7	0.0000198	0.00032	0.000373	0.001
2071 Jul	66.8	0.0603	0.0145	0.00103	15.2	0.0265	5.34	0.00103	0.00103	0.00000517	0.00742	0.00143	0.00991	0.028	0.00000517	23.2	0.0000204	0.000328	0.00038	0.00103
2071 Aug	69.6	0.0627	0.0151	0.00108	15.8	0.0277	5.56	0.00108	0.00108	0.00000538	0.00773	0.00149	0.0103	0.0292	0.00000538	24.1	0.0000212	0.000341	0.000396	0.00107
2071 Sep	68.2	0.0623	0.0147	0.00106	15.5	0.0275	5.46	0.00106	0.00106	0.0000053	0.00761	0.00146	0.0102	0.0285	0.0000053	23.6	0.0000207	0.000334	0.000385	0.00105
2071 Oct	67.2	0.0621	0.0145	0.00105	15.3	0.0274	5.39	0.00105	0.00105	0.00000523	0.00753	0.00144	0.0101	0.028	0.00000523	23.3	0.0000204	0.000328	0.000378	0.00104
2071 Nov	66.9	0.0623	0.0144	0.00104	15.3	0.0274	5.38	0.00104	0.00104	0.00000521	0.00752	0.00143	0.0101	0.0279	0.00000521	23.2	0.0000203	0.000327	0.000375	0.00103
2071 Dec	66.9	0.0624	0.0143	0.00104	15.3	0.0275	5.38	0.00104	0.00104	0.00000521	0.00752	0.00143	0.0101	0.0279	0.00000521	23.1	0.0000203	0.000326	0.000375	0.00103
2072 Jan	66.9	0.0624	0.0144	0.00104	15.3	0.0275	5.38	0.00104	0.00104	0.00000521	0.00752	0.00143	0.0101	0.0279	0.00000521	23.2	0.0000203	0.000326	0.000375	0.00103
2072 Feb	66.9	0.0625	0.0144	0.00104	15.3	0.0275	5.38	0.00104	0.00104	0.00000522	0.00752	0.00143	0.0101	0.0279	0.00000522	23.2	0.0000203	0.000327	0.000375	0.00104
2072 Mar	67	0.0625	0.0144	0.00104	15.3	0.0275	5.39	0.00104	0.00104	0.00000522	0.00752	0.00143	0.0101	0.0279	0.00000522	23.2	0.0000203	0.000327	0.000376	0.00104
2072 Apr	67.2	0.0627	0.0144	0.00105	15.3	0.0276	5.4	0.00105	0.00105	0.00000523	0.00755	0.00144	0.0101	0.028	0.00000523	23.3	0.0000204	0.000328	0.000377	0.00104
2072 May	68.3	0.0637	0.0147	0.00106	15.6	0.028	5.49	0.00106	0.00106	0.00000532	0.00767	0.00146	0.0103	0.0285	0.00000532	23.6	0.0000207	0.000333	0.000383	0.00106
2072 Jun	64.5	0.0581	0.0138	0.00104	14.5	0.027	5.11	0.00104	0.00104	0.00000522	0.00755	0.00139	0.0101	0.0266	0.00000522	22.1	0.0000206	0.000317	0.000353	0.001
2072 Jul	65.1	0.058	0.0139	0.00107	14.6	0.0276	5.14	0.00107	0.00107	0.00000534	0.00771	0.00141	0.0104	0.0267	0.00000534	22.2	0.000021	0.00032	0.000353	0.00102
2072 Aug	64.3	0.0575	0.0135	0.00107	14.5	0.0285	5.1	0.00107	0.00107	0.00000535	0.00763	0.0014	0.0105	0.0262	0.00000535	21.9	0.0000203	0.000315	0.000341	0.00101
2072 Sep	63.2	0.0571	0.0132	0.00106	14.3	0.0288	5.03	0.00106	0.00106	0.00000529	0.00752	0.00137	0.0105	0.0257	0.00000529	21.5	0.0000197	0.000308	0.000331	0.000992
2072 Oct	61.1	0.057	0.0126	0.00103	13.8	0.0284	4.89	0.00103	0.00103	0.00000513	0.00734	0.00133	0.0103	0.0247	0.00000513	20.7	0.000019	0.000297	0.000316	0.000965
2072 Nov	60.9	0.0573	0.0125	0.00102	13.8	0.0285	4.88	0.00102	0.00102	0.00000512	0.00733	0.00132	0.0102	0.0246	0.00000512	20.7	0.0000189	0.000295	0.000314	0.000963
2072 Dec	60.9	0.0574	0.0125	0.00102	13.8	0.0285	4.88	0.00102	0.00102	0.00000512	0.00733	0.00132	0.0102	0.0246	0.00000512	20.7	0.0000189	0.000295	0.000314	0.000963
2073 Jan	60.9	0.0574	0.0125	0.00102	13.8	0.0285	4.89	0.00102	0.00102	0.00000512	0.00734	0.00132	0.0102	0.0246	0.00000512	20.7	0.0000189	0.000295	0.000314	0.000963
2073 Feb	60.9	0.0574	0.0125	0.00102	13.8	0.0285	4.89	0.00102	0.00102	0.00000512	0.00734	0.00132	0.0102	0.0246	0.00000512	20.7	0.0000189	0.000296	0.000314	0.000963
2073 Mar	61	0.0574	0.0125	0.00103	13.8	0.0285	4.89	0.00103	0.00103	0.00000513	0.00734	0.00133	0.0102	0.0247	0.00000513	20.7	0.0000189	0.000296	0.000315	0.000964
2073 Apr	61.4	0.0579	0.0126	0.00103	13.9	0.0287	4.93	0.00103	0.00103	0.00000516	0.00739	0.00134	0.0103	0.0248	0.00000516	20.8	0.0000191	0.000298	0.000317	0.000971
2073 May	63.2	0.0587	0.0132	0.00103	14.4	0.0284	5.07	0.00103	0.00103	0.00000517	0.00738	0.00137	0.0103	0.0258	0.00000517	21.6	0.0000193	0.000307	0.000336	0.00099
2073 Jun	63.5	0.0573	0.0137	0.000995	14.5	0.0264	5.09	0.000995	0.000995	0.00000498	0.00706	0.00136	0.00972	0.0265	0.00000498	22	0.0000188	0.000311	0.000355	0.000979
2073 Jul	65.4	0.0588	0.0141	0.00103	14.9	0.0273	5.24	0.00103	0.00103	0.00000513	0.00728	0.0014	0.01	0.0272	0.00000513	22.6	0.0000194	0.00032	0.000365	0.00101
2073 Aug	67.6	0.0607	0.0145	0.00106	15.4	0.0283	5.42	0.00106	0.00106	0.00000531	0.00752	0.00145	0.0104	0.0282	0.00000531	23.4	0.0000201	0.00033	0.000377	0.00104
2073 Sep	67.3	0.0608	0.0144	0.00106	15.3	0.0283	5.4	0.00106	0.00106	0.00000529	0.0075	0.00145	0.0103	0.028	0.00000529	23.3	0.00002	0.000328	0.000374	0.00104
2073 Oct	65.5	0.0606	0.0139	0.00103	15	0.028	5.27	0.00103	0.00103	0.00000517	0.00736	0.00141	0.0101	0.0272	0.00000517	22.6	0.0000194	0.000318	0.000361	0.00102
2073 Nov	65.1	0.0609	0.0138	0.00103	14.9	0.0281	5.26	0.00103	0.00103	0.00000515	0.00735	0.0014	0.0101	0.027	0.00000515	22.5	0.0000193	0.000316	0.000357	0.00101
2073 Dec	65.1	0.061	0.0138	0.00103	14.9	0.0281	5.26	0.00103	0.00103	0.00000516	0.00735	0.0014	0.0101	0.027	0.00000516	22.5	0.0000193	0.000316	0.000357	0.00101
2074 Jan	65.1	0.061	0.0138	0.00103	14.9	0.0281	5.26	0.00103	0.00103	0.00000516	0.00735	0.0014	0.0101	0.027	0.00000516	22.5	0.0000193	0.000316	0.000357	0.00101
2074 Feb	65.2	0.061	0.0138	0.00103	14.9	0.0281	5.26	0.00103	0.00103	0.00000516	0.00735	0.0014	0.0101	0.027	0.00000516	22.5	0.0000193	0.000316	0.000358	0.00101
2074 Mar	65.2	0.0611	0.0138	0.00103	14.9	0.0281	5.27	0.00103	0.00103	0.00000516	0.00736	0.0014	0.0101	0.027	0.00000516	22.5	0.0000193	0.000317	0.000358	0.00101
2074 Apr	65.6	0.0614	0.0139	0.00104	15	0.0283	5.3	0.00104	0.00104	0.00000519	0.0074	0.00141	0.0102	0.0272	0.00000519	22.6	0.0000194	0.000319	0.00036	0.00102
2074 May	67.8	0.0622	0.0146	0.00104	15.6	0.0277	5.47	0.00104	0.00104	0.00000519	0.00736	0.00145	0.0101	0.0285	0.00000519	23.6	0.0000196	0.00033	0.000385	0.00104
2074 Jun	66.7	0.059	0.0149	0.000963	15.4	0.0246	5.38	0.000963	0.000963	0.00000482	0.00677	0.00141	0.00916	0.0286	0.00000482	23.6	0.0000186	0.000327	0.0004	0.001
2074 Jul	69.9	0.0619	0.0157	0.00101	16.1	0.0259	5.64	0.00101	0.00101	0.00000505	0.0071	0.00148	0.00962	0.03	0.00000505	24.7	0.0000195	0.000343	0.00042	0.00105
2074 Aug	73.9	0.0654	0.0165	0.00107	17.1	0.0274	5.96	0.00107	0.00107	0.00000534	0.00751	0.00157	0.0102	0.0317	0.00000534	26.1	0.0000206	0.000362	0.000444	0.00111
2074 Sep	72.6	0.0654	0.0161	0.00105	16.8	0.0274	5.87	0.00105	0.00105	0.00000527	0.00743	0.00154	0.0101	0.0311	0.00000527	25.6	0.0000203	0.000355	0.000432	0.0011
2074 Oct	71.3	0.0653	0.0157	0.00104	16.5	0.0273	5.78	0.00104	0.00104	0.0000052	0.00735	0.00151	0.00997	0.0304	0.0000052	25.1	0.0000199	0.000347	0.000421	0.00108
2074 Nov	71	0.0653	0.0157	0.00104	16.4	0.0273	5.77	0.00104	0.00104	0.00000519	0.00734	0.00151	0.00995	0.0303	0.00000519	25	0.0000198	0.000346	0.000419	0.00108
2074 Dec	71	0.0654	0.0156	0.00104	16.4	0.0273	5.77	0.00104	0.00104	0.00000519	0.00734	0.00151	0.00995	0.0303	0.00000519	25	0.0000198	0.000346	0.000419	0.00108
2075 Jan	71	0.0654	0.0156	0.00104	16.4	0.0273	5.77	0.00104	0.00104	0.00000519	0.00734	0.00151	0.00996	0.0303	0.00000519	25	0.0000198	0.000346	0.000419	0.00108
2075 Feb	71.1	0.0654	0.0157	0.00104	16.5	0.0273	5.77	0.00104	0.00104	0.00000519	0.00734	0.00151	0.00996	0.0303	0.00000519	25	0.0000198	0.000346	0.000419	0.00108
2075 Mar	71.2	0.0655	0.0157	0.00104	16.5	0.0274	5.78	0.00104	0.00104	0.00000519	0.00735	0.00151	0.00997	0.0304	0.00000519	25.1	0.0000199	0.000347	0.00042	0.00108
2075 Apr	71.5	0.0659	0.0158	0.00104	16.6	0.0275	5.81	0.00104	0.00104	0.00000522	0.00739	0.00152	0.01	0.0305	0.00000522	25.2	0.00002	0.000349	0.000422	0.00109
2075 May	72.6	0.0668	0.016	0.00106	16.8	0.0279	5.9	0.00106	0.00106	0.00000529	0.00749	0.00154	0.0102	0.031	0.00000529	25.6	0.0000203	0.000354	0.000429	0.0011
2075 Jun	65	0.0568	0.0142	0.00101	14.7	0.0258	5.16	0.00101	0.00101	0.00000505	0.0072	0.00139	0.00975	0.0272	0.00000505	22.5	0.0000198	0.00032	0.000369	0.000994
2075 Jul	64.6	0.0554	0.0141	0.00103	14.5	0.0259	5.09	0.00103	0.00103	0.00000514	0.00733	0.00139	0.00993	0.0269	0.00000514	22.3	0.0000202	0.000319	0.000362	0.000991
2075 Aug	66.7	0.0571	0.0145	0.00106	15	0.0268	5.25	0.00106	0.00106	0.0000053	0.00757	0.00143	0.0103	0.0277	0.0000053	23	0.0000209	0.00033	0.000373	0.00102
2075 Sep	67.5	0.0579	0.0147	0.00107	15.2	0.0272	5.32	0.00107	0.00107	0.00000537	0.00767	0.00145	0.0104	0.0281	0.00000537	23.3	0.0000211	0.000334	0.000378	0.00104
2075 Oct	67	0.0579	0.0146	0.00107	15.1	0.0271	5.29	0.00107	0.00107	0.00000534	0.00762	0.00144	0.0103	0.0278	0.00000534	23.1	0.000021	0.000331	0.000374	0.00103
2075 Nov	67	0.0583	0.0145	0.00107	15.1	0.0273	5.29	0.00107	0.00107	0.00000534	0.00764	0.00144	0.0104	0.0278	0.00000534	23.1	0.000021	0.00033	0.000373	0.00103
2075 Dec	67	0.0585	0.0145	0.00107	15.1	0.0273	5.29	0.00107	0.00107	0.00000535	0.00765	0.00144	0.0104	0.0278	0.00000535	23.1	0.000021	0.00033	0.000373	0.00103

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	67	0.0585	0.0145	0.00107	15.1	0.0273	5.3	0.00107	0.00107	0.00000535	0.00765	0.00144	0.0104	0.0278	0.00000535	23.1	0.000021	0.00033	0.000373	0.00103
2076 Feb	67.1	0.0586	0.0145	0.00107	15.1	0.0273	5.3	0.00107	0.00107	0.00000535	0.00765	0.00144	0.0104	0.0278	0.00000535	23.1	0.000021	0.000331	0.000373	0.00103
2076 Mar	67.2	0.0587	0.0145	0.00107	15.1	0.0274	5.31	0.00107	0.00107	0.00000535	0.00766	0.00144	0.0104	0.0279	0.00000535	23.1	0.000021	0.000331	0.000374	0.00103
2076 Apr	67.4	0.0588	0.0146	0.00107	15.2	0.0275	5.33	0.00107	0.00107	0.00000537	0.00768	0.00145	0.0104	0.028	0.00000537	23.2	0.0000211	0.000332	0.000375	0.00104
2076 May	68.7	0.0598	0.0149	0.00109	15.5	0.0276	5.43	0.00109	0.00109	0.00000543	0.00775	0.00147	0.0105	0.0286	0.00000543	23.7	0.0000213	0.000339	0.000386	0.00105
2076 Jun	65.2	0.0551	0.0144	0.00102	14.7	0.0252	5.13	0.00102	0.00102	0.00000508	0.00723	0.00139	0.00974	0.0273	0.00000508	22.6	0.0000202	0.000323	0.000372	0.000992
2076 Jul	66.7	0.0562	0.0147	0.00105	15	0.0259	5.24	0.00105	0.00105	0.00000523	0.00744	0.00143	0.01	0.0279	0.00000523	23.1	0.0000208	0.000331	0.00038	0.00102
2076 Aug	70	0.059	0.0154	0.0011	15.7	0.0272	5.5	0.0011	0.0011	0.00000549	0.00781	0.0015	0.0105	0.0293	0.00000549	24.2	0.0000218	0.000347	0.000399	0.00107
2076 Sep	71	0.06	0.0156	0.00111	16	0.0277	5.59	0.00111	0.00111	0.00000557	0.00793	0.00152	0.0107	0.0297	0.00000557	24.6	0.0000221	0.000352	0.000404	0.00108
2076 Oct	69.2	0.0597	0.0151	0.00109	15.6	0.0274	5.46	0.00109	0.00109	0.00000544	0.00777	0.00148	0.0105	0.0288	0.00000544	23.9	0.0000215	0.000342	0.000391	0.00106
2076 Nov	68.8	0.0601	0.015	0.00108	15.5	0.0275	5.44	0.00108	0.00108	0.00000542	0.00776	0.00147	0.0105	0.0286	0.00000542	23.7	0.0000214	0.000339	0.000387	0.00105
2076 Dec	68.8	0.0601	0.015	0.00108	15.5	0.0275	5.44	0.00108	0.00108	0.00000542	0.00777	0.00148	0.0105	0.0287	0.00000542	23.8	0.0000214	0.000339	0.000387	0.00106
2077 Jan	68.8	0.0602	0.015	0.00108	15.5	0.0276	5.44	0.00108	0.00108	0.00000542	0.00777	0.00148	0.0105	0.0287	0.00000542	23.8	0.0000214	0.000339	0.000387	0.00106
2077 Feb	68.8	0.0602	0.015	0.00108	15.5	0.0276	5.45	0.00108	0.00108	0.00000542	0.00777	0.00148	0.0105	0.0287	0.00000542	23.8	0.0000214	0.00034	0.000387	0.00106
2077 Mar	68.9	0.0602	0.015	0.00109	15.5	0.0276	5.45	0.00109	0.00109	0.00000543	0.00777	0.00148	0.0105	0.0287	0.00000543	23.8	0.0000214	0.00034	0.000387	0.00106
2077 Apr	69.2	0.0605	0.0151	0.00109	15.6	0.0277	5.47	0.00109	0.00109	0.00000545	0.0078	0.00148	0.0105	0.0288	0.00000545	23.9	0.0000215	0.000341	0.000389	0.00106
2077 May	70.2	0.0611	0.0154	0.00109	15.9	0.0277	5.56	0.00109	0.00109	0.00000547	0.00782	0.0015	0.0105	0.0294	0.00000547	24.3	0.0000216	0.000346	0.000399	0.00107
2077 Jun	68.1	0.0579	0.0152	0.00102	15.5	0.0252	5.39	0.00102	0.00102	0.00000512	0.00727	0.00145	0.00972	0.0289	0.00000512	23.8	0.0000204	0.000337	0.000401	0.00103
2077 Jul	71.1	0.0603	0.0159	0.00107	16.1	0.0264	5.63	0.00107	0.00107	0.00000536	0.00761	0.00151	0.0102	0.0302	0.00000536	24.9	0.0000214	0.000352	0.000418	0.00107
2077 Aug	74.5	0.0631	0.0167	0.00112	16.9	0.0276	5.89	0.00112	0.00112	0.00000561	0.00797	0.00159	0.0107	0.0316	0.00000561	26	0.0000224	0.000369	0.000437	0.00112
2077 Sep	71.5	0.0621	0.0158	0.00109	16.3	0.0273	5.68	0.00109	0.00109	0.00000543	0.00772	0.00152	0.0104	0.0302	0.00000543	24.9	0.0000214	0.000353	0.000415	0.00109
2077 Oct	70.8	0.0626	0.0156	0.00108	16.1	0.0274	5.65	0.00108	0.00108	0.00000539	0.00769	0.00151	0.0104	0.0298	0.00000539	24.7	0.0000212	0.000348	0.000409	0.00108
2077 Nov	70.9	0.0631	0.0156	0.00108	16.1	0.0276	5.66	0.00108	0.00108	0.0000054	0.00772	0.00151	0.0104	0.0298	0.0000054	24.7	0.0000212	0.000348	0.000408	0.00108
2077 Dec	70.9	0.0631	0.0156	0.00108	16.2	0.0276	5.66	0.00108	0.00108	0.00000541	0.00772	0.00151	0.0104	0.0298	0.00000541	24.7	0.0000212	0.000349	0.000408	0.00108
2078 Jan	70.9	0.0632	0.0156	0.00108	16.2	0.0276	5.66	0.00108	0.00108	0.00000541	0.00772	0.00151	0.0104	0.0299	0.00000541	24.7	0.0000212	0.000349	0.000408	0.00108
2078 Feb	70.9	0.0632	0.0156	0.00108	16.2	0.0276	5.66	0.00108	0.00108	0.00000541	0.00773	0.00151	0.0104	0.0299	0.00000541	24.7	0.0000213	0.000349	0.000408	0.00108
2078 Mar	71	0.0632	0.0156	0.00108	16.2	0.0276	5.67	0.00108	0.00108	0.00000541	0.00773	0.00151	0.0104	0.0299	0.00000541	24.7	0.0000213	0.000349	0.000409	0.00108
2078 Apr	71.5	0.0637	0.0157	0.00109	16.3	0.0278	5.71	0.00109	0.00109	0.00000545	0.00778	0.00152	0.0105	0.0301	0.00000545	24.9	0.0000214	0.000351	0.000411	0.00109
2078 May	72.6	0.0638	0.0162	0.00108	16.6	0.0271	5.8	0.00108	0.00108	0.00000538	0.00765	0.00154	0.0103	0.0309	0.00000538	25.5	0.0000213	0.000357	0.000429	0.0011
2078 Jun	70.3	0.0607	0.0159	0.00101	16.1	0.0249	5.62	0.00101	0.00101	0.00000505	0.00714	0.00148	0.00952	0.0303	0.00000505	24.9	0.0000201	0.000347	0.000427	0.00105
2078 Jul	74	0.0639	0.0168	0.00107	17	0.0262	5.92	0.00107	0.00107	0.00000533	0.00752	0.00156	0.01	0.0319	0.00000533	26.2	0.0000212	0.000365	0.000449	0.00111
2078 Aug	76	0.0655	0.0172	0.00109	17.4	0.027	6.08	0.00109	0.00109	0.00000547	0.00772	0.0016	0.0103	0.0327	0.00000547	26.9	0.0000217	0.000375	0.00046	0.00114
2078 Sep	76.7	0.0663	0.0173	0.00111	17.6	0.0274	6.14	0.00111	0.00111	0.00000553	0.00781	0.00162	0.0104	0.033	0.00000553	27.1	0.0000219	0.000378	0.000464	0.00115
2078 Oct	75.7	0.0662	0.0171	0.0011	17.4	0.0273	6.07	0.0011	0.0011	0.00000548	0.00774	0.0016	0.0104	0.0325	0.00000548	26.7	0.0000217	0.000373	0.000456	0.00114
2078 Nov	75.5	0.0665	0.017	0.00109	17.4	0.0274	6.06	0.00109	0.00109	0.00000547	0.00775	0.0016	0.0104	0.0324	0.00000547	26.7	0.0000216	0.000371	0.000454	0.00114
2078 Dec	75.5	0.0665	0.017	0.00109	17.4	0.0274	6.06	0.00109	0.00109	0.00000547	0.00775	0.0016	0.0104	0.0324	0.00000547	26.7	0.0000216	0.000371	0.000454	0.00114
2079 Jan	75.5	0.0666	0.017	0.00109	17.4	0.0274	6.06	0.00109	0.00109	0.00000547	0.00775	0.0016	0.0104	0.0324	0.00000547	26.7	0.0000216	0.000372	0.000454	0.00114
2079 Feb	75.6	0.0666	0.017	0.00109	17.4	0.0274	6.07	0.00109	0.00109	0.00000547	0.00775	0.0016	0.0104	0.0324	0.00000547	26.7	0.0000216	0.000372	0.000454	0.00114
2079 Mar	75.6	0.0666	0.017	0.00109	17.4	0.0275	6.07	0.00109	0.00109	0.00000547	0.00775	0.0016	0.0104	0.0324	0.00000547	26.7	0.0000216	0.000372	0.000454	0.00114
2079 Apr	75.9	0.0669	0.017	0.0011	17.5	0.0276	6.1	0.0011	0.0011	0.0000055	0.00778	0.0016	0.0104	0.0326	0.0000055	26.8	0.0000217	0.000373	0.000456	0.00114
2079 May	77.2	0.068	0.0173	0.00112	17.7	0.028	6.2	0.00112	0.00112	0.00000559	0.00791	0.00163	0.0106	0.0331	0.00000559	27.2	0.0000221	0.00038	0.000464	0.00116
2079 Jun	68.1	0.057	0.0152	0.00103	15.4	0.0251	5.36	0.00103	0.00103	0.00000517	0.00736	0.00145	0.00983	0.0288	0.00000517	23.7	0.0000208	0.000338	0.000399	0.00103
2079 Jul	67.9	0.0564	0.0152	0.00104	15.3	0.0253	5.33	0.00104	0.00104	0.00000522	0.00742	0.00145	0.00992	0.0286	0.00000522	23.6	0.000021	0.000338	0.000395	0.00103
2079 Aug	70.6	0.0585	0.0158	0.00109	15.9	0.0264	5.54	0.00109	0.00109	0.00000543	0.00772	0.00151	0.0103	0.0298	0.00000543	24.6	0.0000218	0.000351	0.00041	0.00107
2079 Sep	69.5	0.0587	0.0154	0.00107	15.7	0.0264	5.47	0.00107	0.00107	0.00000536	0.00764	0.00148	0.0102	0.0292	0.00000536	24.1	0.0000214	0.000344	0.000401	0.00106
2079 Oct	68.4	0.0587	0.0151	0.00106	15.5	0.0263	5.4	0.00106	0.00106	0.0000053	0.00757	0.00146	0.0101	0.0287	0.0000053	23.7	0.0000211	0.000338	0.000393	0.00104
2079 Nov	67.9	0.0591	0.0149	0.00105	15.4	0.0264	5.38	0.00105	0.00105	0.00000527	0.00754	0.00145	0.0101	0.0285	0.00000527	23.6	0.000021	0.000335	0.000388	0.00104
2079 Dec	67.6	0.0594	0.0148	0.00105	15.3	0.0265	5.36	0.00105	0.00105	0.00000525	0.00753	0.00144	0.0101	0.0283	0.00000525	23.4	0.0000208	0.000333	0.000385	0.00103
2080 Jan	67.6	0.0595	0.0148	0.00105	15.3	0.0266	5.36	0.00105	0.00105	0.00000525	0.00753	0.00145	0.0101	0.0283	0.00000525	23.4	0.0000208	0.000333	0.000385	0.00103
2080 Feb	67.6	0.0595	0.0148	0.00105	15.3	0.0266	5.37	0.00105	0.00105	0.00000525	0.00753	0.00145	0.0101	0.0283	0.00000525	23.4	0.0000208	0.000333	0.000385	0.00103
2080 Mar	67.7	0.0595	0.0148	0.00105	15.3	0.0266	5.37	0.00105	0.00105	0.00000525	0.00753	0.00145	0.0101	0.0283	0.00000525	23.4	0.0000208	0.000333	0.000385	0.00103
2080 Apr	67.9	0.0597	0.0148	0.00105	15.4	0.0266	5.38	0.00105	0.00105	0.00000527	0.00755	0.00145	0.0101	0.0284	0.00000527	23.5	0.0000209	0.000334	0.000387	0.00104
2080 May	69	0.0607	0.0151	0.00107	15.6	0.0271	5.48	0.00107	0.00107	0.00000536	0.00768	0.00148	0.0103	0.0289	0.00000536	23.9	0.0000212	0.00034	0.000393	0.00106
2080 Jun	64.9	0.0554	0.0141	0.00104	14.5	0.0259	5.08	0.00104	0.00104	0.00000521	0.00749	0.00139	0.01	0.0269	0.00000521	22.3	0.0000209	0.000322	0.000361	0.000996
2080 Jul	64	0.0538	0.0139	0.00105	14.2	0.0259	4.99	0.00105	0.00105	0.00000523	0.00752	0.00138	0.0101	0.0264	0.00000523	21.9	0.000021	0.000318	0.000353	0.000987
2080 Aug	65.4	0.0549	0.0142	0.00107	14.6	0.0267	5.1	0.00107	0.00107	0.00000536	0.00769	0.00142	0.0103	0.027	0.00000536	22.4	0.0000214	0.000324	0.00036	0.00101
2080 Sep	64.9	0.055	0.014	0.00107	14.5	0.0268	5.07	0.00107	0.00107	0.00000534	0.00765	0.0014	0.0103	0.0267	0.00000534	22.2	0.0000212	0.000321	0.000355	0.00101
2080 Oct	64.4	0.0552	0.0138	0.00106	14.4	0.0268	5.04	0.00106	0.00106	0.0000053	0.00761	0.00139	0.0103	0.0265	0.0000053	22	0.000021	0.000318	0.000351	0.000999
2080 Nov	63.9	0.0552	0.0137	0.00105	14.3	0.0268	5.01	0.00105	0.00105	0.00000527	0.00757	0.00138	0.0102	0.0262	0.00000527	21.8	0.0000208	0.000316	0.000347	0.000993
2080 Dec	63.9	0.0553	0.0137	0.00105	14.3	0.0268	5.01	0.00105	0.00105	0.00000527	0.00758	0.00138	0.0102	0.0262	0.00000527	21.8	0.0000208	0.000316	0.000347	0.000993
2081 Jan	63.9	0.0554	0.0137	0.00105	14.3	0.0268	5.02	0.00105	0.00105	0.00000527	0.00758	0.00138	0.0102	0.0262	0.00000527	21.8	0.0000208	0.000316	0.000347	0.000993
2081 Feb	64	0.0554	0.0137	0.00105	14.3	0.0268	5.02	0.00105	0.00105	0.00000527	0.00758	0.00138	0.0102	0.0263	0.00000527	21.8	0.0000208	0.000316	0.000347	0.000994
2081 Mar	64	0.0554	0.0137	0.00105	14.3	0.0268	5.02	0.00105	0.00105	0.00000527	0.00758	0.00138	0.0102	0.0263	0.00000527	21.8	0.0000208	0.000316	0.000348	0.000994
2081 Apr	64.3	0.0556	0.0138	0.00106	14.3	0.0269	5.04	0.00106	0.00106	0.00000529	0.00761	0.00139	0.0103	0.0264	0.00000529	21.9	0.0000209	0.000317	0.000349	0.000998
2081 May	65.9	0.0566	0.0143	0.00106	14.8	0.0267	5.18	0.00106	0.00106	0.0000053	0.0076	0.00142	0.0102	0.0273	0.0000053	22.6	0.000021	0.000325	0.000366	0.00102
2081 Jun	65	0.055	0.0143	0.00102	14.6	0.0254	5.11	0.00102	0.00102	0.00000512	0.00732	0.0014	0.0098	0.0272	0.00000512	22.5	0.0000204	0.000322	0.000369	0.000994
2081 Jul	68.8	0.0582	0.0151	0.00109	15.4	0.0269	5.4	0.00109	0.00109	0.00000543	0.00776	0.00148	0.0104	0.0287	0.00000543	23.8	0.0000217	0.000341	0.00039	0.00105
2081 Aug	72.7	0.0615	0.016	0.00115	16.3	0.0285	5.71	0.00115	0.00115	0.00000574	0.0082	0.00156	0.011	0.0304	0.00000574	25.1	0.0000229	0.00036	0.000412	0.00111
2081 Sep	72.7	0.062	0.0159	0.00115	16.3	0.0287	5.72	0.00115	0.00115	0.00000575	0.00822	0.00156	0.011	0.0303	0.00000575	25.1	0.0000229	0.00036	0.000411	0.00111
2081 Oct	72.6	0.0621	0.0159	0.00115	16.3	0.0288	5.72	0.00115	0.00115	0.00000575	0.00822	0.00156	0.011	0.0303	0.00000575	25	0.0000228	0.000359	0.00041	0.00111
2081 Nov	71.5	0.0619	0.0156	0.00113	16.1	0.0286	5.64	0.00113	0.00113	0.00000567	0.00812	0.00154	0.0109	0.0298	0.00000567	24.7	0.0000225	0.000353	0.000402	0.0011
2081 Dec	71.3	0.0621	0.0155	0.00113	16.1	0.0286	5.63	0.00113	0.00113	0.00000566	0.00812	0.00153	0.0109	0.0297	0.00000566	24.6	0.0000224	0.000352	0.0004	0.0011
2082 Jan	71.4	0.0621	0.0155	0.00113	16.1	0.0287	5.64	0.00113	0.00113	0.00000566	0.00812	0.00153	0.0109	0.0297	0.00000566	24.6	0.0000224	0.000352	0.0004	0.0011
2082 Feb	71.4	0.0622	0.0155	0.00113	16.1	0.0287	5.64	0.00113	0.00113	0.00000566	0.00812	0.00153	0.0109	0.0297	0.00000566	24.6	0.0000224	0.000352	0.000401	0.0011
2082 Mar	71.5	0.0622	0.0155	0.00113	16.1	0.0287	5.65	0.00113	0.00113	0.00000567	0.00812	0.00154	0.0109	0.0297	0.00000567	24.6	0.0000224	0.000352	0.000401	0.0011
2082 Apr	71.7	0.0624	0.0156	0.00114	16.1	0.0288	5.66	0.00114	0.00114	0.00000568	0.00815	0.00154	0.0109	0.0298	0.00000568	24.7	0.0000225	0.000354	0.000402	0.0011
2082 May	72.8	0.0634	0.0159	0.00115	16.4	0.0292	5.75	0.00115	0.00115	0.00000577	0.00828	0.00156	0.0111	0.0303	0.00000577	25.1	0.0000229	0.000359	0.000409	0.00112

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	64	0.0527	0.0138	0.00108	14.1	0.0265	4.94	0.00108	0.00108	0.00000538	0.00775	0.00139	0.0104	0.0261	0.00000538	21.7	0.0000217	0.000319	0.000345	0.000991
2082 Jul	60.8	0.0485	0.0131	0.00105	13.2	0.0256	4.63	0.00105	0.00105	0.00000527	0.00761	0.00133	0.0102	0.0245	0.00000527	20.4	0.0000214	0.000305	0.00032	0.000946
2082 Aug	63.1	0.0504	0.0136	0.0011	13.7	0.0266	4.81	0.0011	0.0011	0.00000548	0.0079	0.00138	0.0106	0.0255	0.00000548	21.2	0.0000222	0.000316	0.000332	0.000983
2082 Sep	63.8	0.0511	0.0137	0.00111	13.9	0.027	4.87	0.00111	0.00111	0.00000554	0.00799	0.00139	0.0108	0.0257	0.00000554	21.4	0.0000224	0.000319	0.000335	0.000994
2082 Oct	61.5	0.0517	0.013	0.00107	13.5	0.0268	4.73	0.00107	0.00107	0.00000536	0.00777	0.00134	0.0105	0.0247	0.00000536	20.6	0.0000215	0.000306	0.000319	0.000964
2082 Nov	61.5	0.0524	0.0129	0.00107	13.5	0.0271	4.75	0.00107	0.00107	0.00000537	0.0078	0.00134	0.0105	0.0247	0.00000537	20.6	0.0000215	0.000306	0.000317	0.000967
2082 Dec	61.6	0.0525	0.0129	0.00107	13.5	0.0271	4.75	0.00107	0.00107	0.00000537	0.0078	0.00134	0.0105	0.0247	0.00000537	20.6	0.0000215	0.000306	0.000317	0.000967
2083 Jan	61.6	0.0525	0.0129	0.00107	13.5	0.0271	4.75	0.00107	0.00107	0.00000537	0.0078	0.00134	0.0105	0.0247	0.00000537	20.6	0.0000215	0.000306	0.000318	0.000968
2083 Feb	61.6	0.0526	0.013	0.00107	13.5	0.0271	4.76	0.00107	0.00107	0.00000537	0.00781	0.00134	0.0105	0.0247	0.00000537	20.7	0.0000215	0.000306	0.000318	0.000968
2083 Mar	61.7	0.0526	0.013	0.00108	13.5	0.0271	4.76	0.00108	0.00108	0.00000538	0.00781	0.00135	0.0105	0.0247	0.00000538	20.7	0.0000215	0.000306	0.000318	0.000969
2083 Apr	62	0.0528	0.013	0.00108	13.6	0.0273	4.78	0.00108	0.00108	0.0000054	0.00785	0.00135	0.0106	0.0249	0.0000054	20.8	0.0000216	0.000308	0.00032	0.000973
2083 May	63.7	0.054	0.0135	0.00109	14	0.0272	4.93	0.00109	0.00109	0.00000543	0.00787	0.00138	0.0106	0.0258	0.00000543	21.5	0.0000218	0.000316	0.000336	0.000994
2083 Jun	62.3	0.0516	0.0136	0.00102	13.8	0.0248	4.83	0.00102	0.00102	0.00000508	0.0073	0.00134	0.00976	0.0257	0.00000508	21.3	0.0000205	0.00031	0.000345	0.000957
2083 Jul	63.7	0.0525	0.0139	0.00104	14.1	0.0255	4.94	0.00104	0.00104	0.00000522	0.0075	0.00138	0.01	0.0262	0.00000522	21.8	0.0000211	0.000317	0.000351	0.00098
2083 Aug	64.5	0.0528	0.014	0.00107	14.3	0.0264	5.01	0.00107	0.00107	0.00000533	0.00761	0.0014	0.0102	0.0266	0.00000533	22	0.0000212	0.00032	0.000354	0.001
2083 Sep	63.8	0.0532	0.0138	0.00106	14.2	0.0265	4.97	0.00106	0.00106	0.00000529	0.00757	0.00139	0.0102	0.0262	0.00000529	21.8	0.0000209	0.000316	0.000348	0.000992
2083 Oct	61.7	0.0533	0.0132	0.00103	13.8	0.0262	4.84	0.00103	0.00103	0.00000514	0.00738	0.00134	0.00992	0.0253	0.00000514	21	0.0000202	0.000304	0.000333	0.000965
2083 Nov	61.2	0.0534	0.013	0.00102	13.7	0.0262	4.81	0.00102	0.00102	0.0000051	0.00734	0.00133	0.00987	0.0251	0.0000051	20.8	0.00002	0.000301	0.000329	0.000959
2083 Dec	61.2	0.0535	0.013	0.00102	13.7	0.0263	4.81	0.00102	0.00102	0.0000051	0.00735	0.00133	0.00988	0.0251	0.0000051	20.8	0.00002	0.000301	0.000329	0.000959
2084 Jan	61.3	0.0536	0.013	0.00102	13.7	0.0263	4.82	0.00102	0.00102	0.0000051	0.00735	0.00133	0.00988	0.0251	0.0000051	20.8	0.00002	0.000301	0.000329	0.000959
2084 Feb	61.3	0.0536	0.013	0.00102	13.7	0.0263	4.82	0.00102	0.00102	0.00000511	0.00735	0.00133	0.00988	0.0251	0.00000511	20.9	0.00002	0.000301	0.000329	0.00096
2084 Mar	61.3	0.0536	0.013	0.00102	13.7	0.0263	4.82	0.00102	0.00102	0.00000511	0.00735	0.00133	0.00989	0.0251	0.00000511	20.9	0.00002	0.000302	0.00033	0.000961
2084 Apr	61.8	0.054	0.0131	0.00103	13.8	0.0265	4.86	0.00103	0.00103	0.00000514	0.0074	0.00134	0.00995	0.0253	0.00000514	21	0.0000202	0.000304	0.000332	0.000967
2084 May	63.7	0.0552	0.0137	0.00104	14.3	0.0264	5.01	0.00104	0.00104	0.00000518	0.00742	0.00138	0.00995	0.0263	0.00000518	21.8	0.0000204	0.000313	0.00035	0.000989
2084 Jun	62.5	0.0531	0.0138	0.000973	14.1	0.0242	4.93	0.000973	0.000973	0.00000487	0.00693	0.00134	0.00925	0.0262	0.00000487	21.7	0.0000193	0.000308	0.000358	0.000956
2084 Jul	64.8	0.055	0.0143	0.00101	14.6	0.0252	5.11	0.00101	0.00101	0.00000506	0.00721	0.00139	0.00961	0.0272	0.00000506	22.5	0.0000201	0.00032	0.000371	0.000992
2084 Aug	67.1	0.0569	0.0148	0.00105	15.1	0.0261	5.29	0.00105	0.00105	0.00000524	0.00746	0.00144	0.00996	0.0282	0.00000524	23.2	0.0000208	0.000331	0.000384	0.00103
2084 Sep	66.7	0.0569	0.0147	0.00104	15	0.0261	5.27	0.00104	0.00104	0.00000522	0.00743	0.00143	0.00994	0.028	0.00000522	23.1	0.0000207	0.000329	0.000381	0.00102
2084 Oct	65.4	0.0569	0.0143	0.00103	14.8	0.026	5.18	0.00103	0.00103	0.00000514	0.00733	0.00141	0.00981	0.0274	0.00000514	22.6	0.0000202	0.000322	0.000371	0.00101
2084 Nov	65	0.0572	0.0141	0.00102	14.7	0.0261	5.16	0.00102	0.00102	0.00000511	0.00731	0.0014	0.00979	0.0271	0.00000511	22.5	0.0000201	0.000319	0.000367	0.001
2084 Dec	65	0.0573	0.0141	0.00102	14.7	0.0261	5.16	0.00102	0.00102	0.00000511	0.00732	0.0014	0.0098	0.0271	0.00000511	22.5	0.0000201	0.000319	0.000367	0.001
2085 Jan	65	0.0573	0.0141	0.00102	14.7	0.0261	5.16	0.00102	0.00102	0.00000511	0.00732	0.0014	0.0098	0.0271	0.00000511	22.5	0.0000201	0.000319	0.000367	0.001
2085 Feb	65	0.0573	0.0141	0.00102	14.7	0.0261	5.17	0.00102	0.00102	0.00000511	0.00732	0.0014	0.0098	0.0272	0.00000511	22.5	0.0000201	0.000319	0.000367	0.001
2085 Mar	65.1	0.0574	0.0141	0.00102	14.7	0.0261	5.17	0.00102	0.00102	0.00000512	0.00732	0.0014	0.0098	0.0272	0.00000512	22.5	0.0000201	0.000319	0.000367	0.001
2085 Apr	65.3	0.0576	0.0142	0.00103	14.8	0.0262	5.19	0.00103	0.00103	0.00000513	0.00735	0.0014	0.00983	0.0273	0.00000513	22.6	0.0000202	0.000321	0.000369	0.00101
2085 May	66.5	0.0583	0.0146	0.00103	15.1	0.0262	5.29	0.00103	0.00103	0.00000516	0.00737	0.00143	0.00985	0.0279	0.00000516	23.1	0.0000203	0.000327	0.00038	0.00102
2085 Jun	66.8	0.0579	0.0148	0.00102	15.2	0.0255	5.31	0.00102	0.00102	0.00000508	0.00723	0.00143	0.00964	0.0282	0.00000508	23.3	0.0000201	0.000329	0.000389	0.00102
2085 Jul	69.8	0.0605	0.0155	0.00106	15.9	0.0267	5.55	0.00106	0.00106	0.00000532	0.00756	0.00149	0.0101	0.0295	0.00000532	24.3	0.000021	0.000344	0.000406	0.00106
2085 Aug	70.5	0.0611	0.0156	0.00108	16	0.0271	5.61	0.00108	0.00108	0.00000538	0.00765	0.00151	0.0102	0.0298	0.00000538	24.6	0.0000212	0.000347	0.00041	0.00108
2085 Sep	69	0.061	0.0151	0.00106	15.7	0.027	5.51	0.00106	0.00106	0.00000529	0.00753	0.00148	0.0101	0.0291	0.00000529	24	0.0000207	0.000338	0.000397	0.00106
2085 Oct	67.6	0.0607	0.0147	0.00104	15.4	0.0268	5.41	0.00104	0.00104	0.0000052	0.00742	0.00145	0.00995	0.0284	0.0000052	23.5	0.0000203	0.000331	0.000387	0.00104
2085 Nov	66.8	0.0609	0.0145	0.00103	15.2	0.0268	5.36	0.00103	0.00103	0.00000515	0.00737	0.00143	0.00988	0.028	0.00000515	23.2	0.00002	0.000326	0.00038	0.00103
2085 Dec	66.8	0.0609	0.0145	0.00103	15.2	0.0268	5.36	0.00103	0.00103	0.00000515	0.00737	0.00143	0.00988	0.028	0.00000515	23.2	0.00002	0.000326	0.00038	0.00103
2086 Jan	66.8	0.061	0.0145	0.00103	15.2	0.0269	5.36	0.00103	0.00103	0.00000515	0.00737	0.00143	0.00988	0.028	0.00000515	23.2	0.00002	0.000326	0.00038	0.00103
2086 Feb	66.8	0.061	0.0145	0.00103	15.2	0.0269	5.36	0.00103	0.00103	0.00000515	0.00737	0.00143	0.00988	0.028	0.00000515	23.2	0.00002	0.000326	0.00038	0.00103
2086 Mar	66.8	0.061	0.0145	0.00103	15.2	0.0269	5.37	0.00103	0.00103	0.00000515	0.00738	0.00143	0.00989	0.028	0.00000515	23.2	0.0000201	0.000326	0.00038	0.00103
2086 Apr	67.2	0.0613	0.0146	0.00103	15.3	0.027	5.39	0.00103	0.00103	0.00000517	0.00741	0.00144	0.00993	0.0282	0.00000517	23.3	0.0000201	0.000328	0.000382	0.00103
2086 May	68.4	0.0623	0.0149	0.00105	15.6	0.0273	5.49	0.00105	0.00105	0.00000525	0.00751	0.00146	0.0101	0.0287	0.00000525	23.8	0.0000205	0.000334	0.000391	0.00105
2086 Jun	64.6	0.0563	0.0142	0.000991	14.6	0.0249	5.13	0.000991	0.000991	0.00000496	0.00708	0.00138	0.00944	0.0272	0.00000496	22.5	0.0000197	0.000318	0.000373	0.000986
2086 Jul	66.1	0.0571	0.0145	0.00103	14.9	0.0257	5.23	0.00103	0.00103	0.00000513	0.00733	0.00142	0.00978	0.0278	0.00000513	22.9	0.0000204	0.000326	0.000379	0.00101
2086 Aug	67.6	0.0582	0.0148	0.00105	15.3	0.0267	5.35	0.00105	0.00105	0.00000527	0.0075	0.00145	0.0101	0.0283	0.00000527	23.4	0.0000207	0.000332	0.000385	0.00104
2086 Sep	66.6	0.0579	0.0145	0.00105	15.1	0.0268	5.29	0.00105	0.00105	0.00000523	0.00742	0.00143	0.01	0.0278	0.00000523	23	0.0000203	0.000327	0.000376	0.00102
2086 Oct	66.4	0.0581	0.0144	0.00104	15	0.0269	5.28	0.00104	0.00104	0.00000522	0.00741	0.00143	0.01	0.0277	0.00000522	23	0.0000202	0.000326	0.000374	0.00102
2086 Nov	66.6	0.0583	0.0145	0.00105	15.1	0.027	5.29	0.00105	0.00105	0.00000523	0.00744	0.00143	0.0101	0.0278	0.00000523	23	0.0000203	0.000327	0.000375	0.00103
2086 Dec	66.6	0.0584	0.0145	0.00105	15.1	0.027	5.3	0.00105	0.00105	0.00000523	0.00744	0.00143	0.0101	0.0278	0.00000523	23	0.0000203	0.000327	0.000375	0.00103
2087 Jan	66.6	0.0584	0.0145	0.00105	15.1	0.027	5.3	0.00105	0.00105	0.00000523	0.00744	0.00143	0.0101	0.0278	0.00000523	23	0.0000203	0.000327	0.000375	0.00103
2087 Feb	66.6	0.0584	0.0145	0.00105	15.1	0.027	5.3	0.00105	0.00105	0.00000524	0.00744	0.00143	0.0101	0.0278	0.00000524	23.1	0.0000203	0.000327	0.000376	0.00103
2087 Mar	66.7	0.0585	0.0145	0.00105	15.1	0.027	5.31	0.00105	0.00105	0.00000524	0.00745	0.00143	0.0101	0.0279	0.00000524	23.1	0.0000203	0.000327	0.000376	0.00103
2087 Apr	66.9	0.0586	0.0145	0.00105	15.1	0.0271	5.32	0.00105	0.00105	0.00000525	0.00747	0.00144	0.0101	0.0279	0.00000525	23.1	0.0000204	0.000328	0.000377	0.00103
2087 May	67.8	0.0592	0.0148	0.00105	15.4	0.027	5.4	0.00105	0.00105	0.00000526	0.00747	0.00146	0.0101	0.0285	0.00000526	23.6	0.0000205	0.000333	0.000387	0.00104
2087 Jun	68.3	0.0584	0.0153	0.00102	15.6	0.0253	5.44	0.00102	0.00102	0.00000508	0.00715	0.00145	0.0096	0.0291	0.00000508	24	0.0000199	0.000336	0.000405	0.00103
2087 Jul	70.5	0.0602	0.0158	0.00105	16.1	0.0262	5.62	0.00105	0.00105	0.00000525	0.0074	0.0015	0.00993	0.0301	0.00000525	24.8	0.0000206	0.000347	0.000418	0.00107
2087 Aug	73.5	0.0628	0.0165	0.0011	16.8	0.0274	5.86	0.0011	0.0011	0.00000548	0.00771	0.00157	0.0104	0.0314	0.00000548	25.8	0.0000215	0.000362	0.000436	0.00111
2087 Sep	74.8	0.064	0.0167	0.00112	17.1	0.0279	5.96	0.00112	0.00112	0.00000558	0.00785	0.00159	0.0105	0.0319	0.00000558	26.3	0.0000218	0.000368	0.000443	0.00113
2087 Oct	74.2	0.0638	0.0166	0.00111	17	0.0278	5.92	0.00111	0.00111	0.00000554	0.00781	0.00158	0.0105	0.0316	0.00000554	26	0.0000217	0.000365	0.000439	0.00113
2087 Nov	73.9	0.0639	0.0165	0.0011	16.9	0.0278	5.91	0.0011	0.0011	0.00000552	0.00779	0.00158	0.0105	0.0315	0.00000552	25.9	0.0000216	0.000363	0.000436	0.00112
2087 Dec	74	0.0639	0.0165	0.00111	16.9	0.0279	5.91	0.00111	0.00111	0.00000553	0.0078	0.00158	0.0105	0.0315	0.00000553	25.9	0.0000216	0.000363	0.000436	0.00112
2088 Jan	74	0.064	0.0165	0.00111	16.9	0.0279	5.91	0.00111	0.00111	0.00000553	0.0078	0.00158	0.0105	0.0315	0.00000553	25.9	0.0000216	0.000363	0.000436	0.00112
2088 Feb	74	0.064	0.0165	0.00111	16.9	0.0279	5.91	0.00111	0.00111	0.00000553	0.0078	0.00158	0.0105	0.0315	0.00000553	26	0.0000216	0.000364	0.000436	0.00112
2088 Mar	74.1	0.0641	0.0165	0.00111	16.9	0.0279	5.92	0.00111	0.00111	0.00000553	0.00781	0.00158	0.0105	0.0315	0.00000553	26	0.0000216	0.000364	0.000437	0.00112
2088 Apr	74.8	0.0647	0.0167	0.00112	17.1	0.0282	5.98	0.00112	0.00112	0.00000559	0.00788	0.00159	0.0106	0.0319	0.00000559	26.2	0.0000218	0.000368	0.000441	0.00114
2088 May	76.4	0.0661	0.017	0.00114	17.5	0.0288	6.1	0.00114	0.00114	0.0000057	0.00805	0.00163	0.0108	0.0325	0.0000057	26.8	0.0000223	0.000375	0.000451	0.00116
2088 Jun	70.8	0.0591	0.0157	0.0011	15.9	0.0273	5.57	0.0011	0.0011	0.00000552	0.00783	0.00152	0.0105	0.0297	0.00000552	24.6	0.0000219	0.00035	0.000407	0.00108
2088 Jul	72.9	0.0603	0.0161	0.00115	16.3	0.0283	5.71	0.00115	0.00115	0.00000574	0.00815	0.00157	0.0109	0.0305	0.00000574	25.2	0.0000228	0.000361	0.000415	0.00111
2088 Aug	77.5	0.0642	0.0171	0.00122	17.4	0.0301	6.08	0.00122	0.00122	0.00000611	0.00868	0.00167	0.0117	0.0325	0.00000611	26.8	0.0000243	0.000384	0.000442	0.00119
2088 Sep	78.7	0.0652	0.0174	0.00124	17.7	0.0306	6.17	0.00124	0.00124	0.00000621	0.00881	0.00169	0.0118	0.033	0.00000621	27.2	0.0000246	0.00039	0.000449	0.0012
2088 Oct	75.5	0.0644	0.0165	0.0012	17	0.03	5.95	0.0012	0.0012	0.00000598	0.00853	0.00162	0.0115	0.0315	0.00000598	26.1	0.0000236	0.000373	0.000426	0.00116

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	74.9	0.0648	0.0163	0.00119	16.9	0.0301	5.92	0.00119	0.00119	0.00000594	0.00849	0.00161	0.0114	0.0312	0.00000594	25.8	0.0000234	0.000369	0.000421	0.00115
2088 Dec	74.9	0.0649	0.0163	0.00119	16.9	0.0302	5.92	0.00119	0.00119	0.00000595	0.0085	0.00161	0.0114	0.0312	0.00000595	25.8	0.0000234	0.000369	0.000421	0.00115
2089 Jan	74.9	0.0649	0.0163	0.00119	16.9	0.0302	5.92	0.00119	0.00119	0.00000595	0.0085	0.00161	0.0114	0.0312	0.00000595	25.9	0.0000234	0.000369	0.000421	0.00115
2089 Feb	75	0.0649	0.0163	0.00119	16.9	0.0302	5.92	0.00119	0.00119	0.00000595	0.0085	0.00161	0.0114	0.0312	0.00000595	25.9	0.0000234	0.000369	0.000421	0.00115
2089 Mar	75.1	0.065	0.0163	0.00119	16.9	0.0302	5.93	0.00119	0.00119	0.00000596	0.00851	0.00162	0.0114	0.0313	0.00000596	25.9	0.0000234	0.00037	0.000422	0.00116
2089 Apr	75.5	0.0654	0.0164	0.0012	17	0.0304	5.97	0.0012	0.0012	0.00000599	0.00856	0.00162	0.0115	0.0315	0.00000599	26.1	0.0000236	0.000372	0.000424	0.00116
2089 May	76.7	0.0661	0.0168	0.0012	17.3	0.0302	6.07	0.0012	0.0012	0.000006	0.00855	0.00165	0.0115	0.0321	0.000006	26.6	0.0000237	0.000378	0.000437	0.00118
2089 Jun	76.9	0.0654	0.0172	0.00116	17.5	0.0288	6.1	0.00116	0.00116	0.00000582	0.00825	0.00164	0.011	0.0326	0.00000582	26.9	0.0000231	0.00038	0.000451	0.00117
2089 Jul	79.5	0.0674	0.0177	0.00121	18	0.03	6.3	0.00121	0.00121	0.00000604	0.00855	0.0017	0.0114	0.0337	0.00000604	27.8	0.0000239	0.000392	0.000466	0.00121
2089 Aug	82	0.0692	0.0182	0.00125	18.6	0.0313	6.5	0.00125	0.00125	0.00000627	0.00883	0.00176	0.0118	0.0347	0.00000627	28.6	0.0000245	0.000403	0.000478	0.00125
2089 Sep	82.3	0.0699	0.0183	0.00126	18.7	0.0316	6.54	0.00126	0.00126	0.0000063	0.00888	0.00176	0.0119	0.0348	0.0000063	28.7	0.0000246	0.000405	0.000479	0.00126
2089 Oct	78.5	0.0693	0.0172	0.00121	17.9	0.0311	6.28	0.00121	0.00121	0.00000605	0.00859	0.00169	0.0115	0.0331	0.00000605	27.3	0.0000235	0.000384	0.000451	0.00121
2089 Nov	78.3	0.0697	0.0171	0.00121	17.8	0.0313	6.27	0.00121	0.00121	0.00000604	0.00859	0.00168	0.0115	0.033	0.00000604	27.2	0.0000234	0.000383	0.000448	0.00121
2089 Dec	78.4	0.0697	0.0171	0.00121	17.8	0.0313	6.27	0.00121	0.00121	0.00000605	0.0086	0.00168	0.0115	0.033	0.00000605	27.3	0.0000234	0.000383	0.000448	0.00121
2090 Jan	78.4	0.0698	0.0171	0.00121	17.9	0.0313	6.28	0.00121	0.00121	0.00000605	0.0086	0.00168	0.0115	0.033	0.00000605	27.3	0.0000234	0.000383	0.000448	0.00121
2090 Feb	78.4	0.0698	0.0171	0.00121	17.9	0.0313	6.28	0.00121	0.00121	0.00000605	0.0086	0.00168	0.0115	0.033	0.00000605	27.3	0.0000234	0.000383	0.000449	0.00121
2090 Mar	78.5	0.0699	0.0171	0.00121	17.9	0.0313	6.29	0.00121	0.00121	0.00000605	0.00861	0.00168	0.0116	0.033	0.00000605	27.3	0.0000235	0.000384	0.000449	0.00121
2090 Apr	78.8	0.0701	0.0172	0.00122	17.9	0.0314	6.31	0.00122	0.00122	0.00000608	0.00864	0.00169	0.0116	0.0332	0.00000608	27.4	0.0000235	0.000385	0.000451	0.00121
2090 May	79.7	0.0709	0.0174	0.00123	18.2	0.0318	6.39	0.00123	0.00123	0.00000614	0.00873	0.00171	0.0117	0.0336	0.00000614	27.7	0.0000238	0.00039	0.000457	0.00123
2090 Jun	74.3	0.0636	0.0165	0.00113	16.9	0.0281	5.9	0.00113	0.00113	0.00000563	0.00798	0.00159	0.0107	0.0315	0.00000563	26	0.0000222	0.000366	0.000435	0.00113
2090 Jul	76.6	0.0654	0.017	0.00116	17.4	0.0291	6.08	0.00116	0.00116	0.00000582	0.00824	0.00164	0.011	0.0325	0.00000582	26.7	0.000023	0.000377	0.000447	0.00117
2090 Aug	74.1	0.0636	0.0163	0.00114	16.9	0.0294	5.9	0.00114	0.00114	0.00000571	0.00802	0.00159	0.011	0.0312	0.00000571	25.8	0.0000218	0.000363	0.000425	0.00113
2090 Sep	72.3	0.064	0.0157	0.00112	16.5	0.0296	5.8	0.00112	0.00112	0.00000562	0.00791	0.00155	0.0109	0.0303	0.00000562	25.1	0.0000213	0.000353	0.00041	0.00111
2090 Oct	69.4	0.064	0.0148	0.00109	15.9	0.0293	5.6	0.00109	0.00109	0.00000543	0.00771	0.00149	0.0106	0.0289	0.00000543	24	0.0000204	0.000337	0.000387	0.00108
2090 Nov	68.2	0.0637	0.0145	0.00107	15.6	0.0291	5.52	0.00107	0.00107	0.00000535	0.00761	0.00147	0.0104	0.0284	0.00000535	23.6	0.00002	0.000331	0.000379	0.00106
2090 Dec	68.2	0.0639	0.0145	0.00107	15.6	0.0292	5.52	0.00107	0.00107	0.00000535	0.00762	0.00147	0.0104	0.0284	0.00000535	23.6	0.00002	0.000331	0.000378	0.00106
2091 Jan	68.3	0.0639	0.0145	0.00107	15.6	0.0292	5.52	0.00107	0.00107	0.00000535	0.00762	0.00147	0.0104	0.0284	0.00000535	23.6	0.00002	0.000331	0.000378	0.00106
2091 Feb	68.3	0.0639	0.0145	0.00107	15.7	0.0292	5.53	0.00107	0.00107	0.00000535	0.00762	0.00147	0.0104	0.0284	0.00000535	23.6	0.0000201	0.000331	0.000379	0.00106
2091 Mar	68.4	0.064	0.0145	0.00107	15.7	0.0292	5.54	0.00107	0.00107	0.00000536	0.00763	0.00147	0.0105	0.0285	0.00000536	23.7	0.0000201	0.000332	0.000379	0.00106
2091 Apr	68.9	0.0645	0.0146	0.00108	15.8	0.0294	5.57	0.00108	0.00108	0.0000054	0.00768	0.00148	0.0105	0.0287	0.0000054	23.8	0.0000202	0.000334	0.000382	0.00107
2091 May	70.3	0.0655	0.015	0.00109	16.1	0.0297	5.69	0.00109	0.00109	0.00000547	0.00778	0.00151	0.0107	0.0293	0.00000547	24.4	0.0000205	0.000341	0.000393	0.00109
2091 Jun	69.3	0.0624	0.0152	0.00105	15.9	0.0274	5.58	0.00105	0.00105	0.00000523	0.0074	0.00148	0.0101	0.0293	0.00000523	24.2	0.00002	0.000338	0.000401	0.00106
2091 Jul	73.3	0.0659	0.016	0.00111	16.8	0.029	5.9	0.00111	0.00111	0.00000554	0.00783	0.00156	0.0106	0.031	0.00000554	25.6	0.0000212	0.000358	0.000423	0.00112
2091 Aug	73.1	0.0658	0.0159	0.00111	16.8	0.0295	5.9	0.00111	0.00111	0.00000556	0.00784	0.00156	0.0108	0.0308	0.00000556	25.5	0.000021	0.000356	0.000419	0.00112
2091 Sep	72.3	0.0654	0.0156	0.00111	16.6	0.0298	5.84	0.00111	0.00111	0.00000554	0.00777	0.00155	0.0108	0.0304	0.00000554	25.2	0.0000206	0.000352	0.00041	0.00111
2091 Oct	70.5	0.0648	0.0152	0.00108	16.2	0.0295	5.71	0.00108	0.00108	0.00000542	0.00763	0.00151	0.0106	0.0296	0.00000542	24.6	0.0000201	0.000342	0.000398	0.00109
2091 Nov	68.9	0.065	0.0147	0.00106	15.9	0.0294	5.6	0.00106	0.00106	0.00000532	0.00753	0.00148	0.0104	0.0288	0.00000532	23.9	0.0000196	0.000333	0.000385	0.00107
2091 Dec	68.8	0.0651	0.0146	0.00106	15.9	0.0294	5.6	0.00106	0.00106	0.00000532	0.00753	0.00148	0.0104	0.0288	0.00000532	23.9	0.0000196	0.000333	0.000384	0.00107
2092 Jan	68.9	0.0651	0.0146	0.00106	15.9	0.0294	5.61	0.00106	0.00106	0.00000532	0.00753	0.00148	0.0104	0.0288	0.00000532	23.9	0.0000196	0.000333	0.000384	0.00107
2092 Feb	68.9	0.0651	0.0147	0.00106	15.9	0.0294	5.61	0.00106	0.00106	0.00000532	0.00753	0.00148	0.0105	0.0288	0.00000532	23.9	0.0000196	0.000333	0.000385	0.00107
2092 Mar	69	0.0653	0.0147	0.00107	15.9	0.0295	5.62	0.00107	0.00107	0.00000533	0.00755	0.00148	0.0105	0.0289	0.00000533	24	0.0000196	0.000334	0.000386	0.00107
2092 Apr	69.4	0.0656	0.0148	0.00107	16	0.0296	5.65	0.00107	0.00107	0.00000536	0.00759	0.00149	0.0105	0.029	0.00000536	24.1	0.0000197	0.000336	0.000388	0.00108
2092 May	70.8	0.0665	0.0152	0.00108	16.4	0.0297	5.76	0.00108	0.00108	0.00000542	0.00765	0.00152	0.0106	0.0297	0.00000542	24.7	0.00002	0.000343	0.000399	0.00109
2092 Jun	65.9	0.0589	0.0145	0.000982	15.2	0.0257	5.31	0.000982	0.000982	0.00000491	0.00691	0.0014	0.00946	0.028	0.00000491	23.1	0.0000187	0.000322	0.000384	0.001
2092 Jul	65.9	0.0586	0.0145	0.000992	15.1	0.0259	5.3	0.000992	0.000992	0.00000496	0.00698	0.00141	0.00955	0.0279	0.00000496	23.1	0.0000189	0.000322	0.000383	0.001
2092 Aug	68.9	0.0612	0.0151	0.00104	15.8	0.0271	5.54	0.00104	0.00104	0.00000519	0.00729	0.00147	0.00999	0.0292	0.00000519	24.1	0.0000197	0.000337	0.000399	0.00105
2092 Sep	69	0.0615	0.0151	0.00104	15.9	0.0274	5.56	0.00104	0.00104	0.00000521	0.00732	0.00147	0.0101	0.0292	0.00000521	24.2	0.0000197	0.000337	0.0004	0.00105
2092 Oct	68.5	0.0614	0.015	0.00104	15.8	0.0273	5.52	0.00104	0.00104	0.00000518	0.00728	0.00146	0.01	0.029	0.00000518	24	0.0000196	0.000335	0.000396	0.00105
2092 Nov	68.5	0.0616	0.0149	0.00103	15.7	0.0274	5.52	0.00103	0.00103	0.00000517	0.00729	0.00146	0.01	0.0289	0.00000517	23.9	0.0000195	0.000334	0.000394	0.00105
2092 Dec	68.5	0.0617	0.015	0.00104	15.7	0.0274	5.52	0.00104	0.00104	0.00000518	0.00729	0.00146	0.01	0.0289	0.00000518	23.9	0.0000195	0.000334	0.000394	0.00105
2093 Jan	68.5	0.0617	0.015	0.00104	15.8	0.0274	5.53	0.00104	0.00104	0.00000518	0.00729	0.00146	0.01	0.0289	0.00000518	24	0.0000195	0.000334	0.000395	0.00105
2093 Feb	68.5	0.0617	0.015	0.00104	15.8	0.0274	5.53	0.00104	0.00104	0.00000518	0.00729	0.00146	0.01	0.029	0.00000518	24	0.0000195	0.000334	0.000395	0.00105
2093 Mar	68.7	0.0619	0.015	0.00104	15.8	0.0275	5.55	0.00104	0.00104	0.00000519	0.00731	0.00147	0.01	0.029	0.00000519	24	0.0000196	0.000335	0.000396	0.00105
2093 Apr	69.2	0.0623	0.0151	0.00105	15.9	0.0277	5.58	0.00105	0.00105	0.00000523	0.00736	0.00148	0.0101	0.0292	0.00000523	24.2	0.0000197	0.000337	0.000399	0.00106
2093 May	70.5	0.0633	0.0155	0.00106	16.2	0.0279	5.69	0.00106	0.00106	0.0000053	0.00745	0.0015	0.0102	0.0299	0.0000053	24.7	0.00002	0.000344	0.000409	0.00108
2093 Jun	69	0.0603	0.0154	0.00101	15.9	0.0258	5.55	0.00101	0.00101	0.00000504	0.00707	0.00146	0.00962	0.0295	0.00000504	24.3	0.0000194	0.000338	0.000411	0.00104
2093 Jul	71.8	0.0626	0.016	0.00105	16.5	0.0269	5.77	0.00105	0.00105	0.00000526	0.00737	0.00152	0.01	0.0307	0.00000526	25.3	0.0000202	0.000352	0.000427	0.00108
2093 Aug	74.5	0.0649	0.0166	0.00109	17.1	0.028	5.99	0.00109	0.00109	0.00000546	0.00765	0.00158	0.0104	0.0318	0.00000546	26.2	0.0000209	0.000365	0.000443	0.00112
2093 Sep	74.7	0.0655	0.0166	0.0011	17.2	0.0282	6.01	0.0011	0.0011	0.00000549	0.00769	0.00159	0.0105	0.0319	0.00000549	26.3	0.000021	0.000366	0.000443	0.00113
2093 Oct	70.9	0.0649	0.0155	0.00105	16.4	0.0279	5.75	0.00105	0.00105	0.00000526	0.00743	0.00151	0.0101	0.0301	0.00000526	24.9	0.00002	0.000345	0.000413	0.00108
2093 Nov	69.7	0.0653	0.0151	0.00104	16.1	0.028	5.67	0.00104	0.00104	0.0000052	0.00738	0.00148	0.0101	0.0295	0.0000052	24.4	0.0000197	0.000338	0.000403	0.00107
2093 Dec	69.7	0.0655	0.0151	0.00104	16.1	0.028	5.68	0.00104	0.00104	0.0000052	0.00739	0.00148	0.0101	0.0295	0.0000052	24.4	0.0000197	0.000338	0.000403	0.00107
2094 Jan	69.8	0.0655	0.0151	0.00104	16.1	0.028	5.68	0.00104	0.00104	0.0000052	0.00739	0.00148	0.0101	0.0295	0.0000052	24.4	0.0000197	0.000338	0.000403	0.00107
2094 Feb	69.8	0.0655	0.0151	0.00104	16.1	0.028	5.68	0.00104	0.00104	0.0000052	0.00739	0.00148	0.0101	0.0295	0.0000052	24.5	0.0000197	0.000339	0.000403	0.00107
2094 Mar	69.9	0.0656	0.0152	0.00104	16.2	0.0281	5.69	0.00104	0.00104	0.00000521	0.0074	0.00149	0.0101	0.0296	0.00000521	24.5	0.0000197	0.000339	0.000404	0.00107
2094 Apr	70.2	0.0659	0.0152	0.00105	16.2	0.0282	5.72	0.00105	0.00105	0.00000523	0.00743	0.00149	0.0101	0.0297	0.00000523	24.6	0.0000198	0.000341	0.000406	0.00108
2094 May	70.9	0.066	0.0155	0.00104	16.4	0.0279	5.77	0.00104	0.00104	0.00000522	0.0074	0.00151	0.0101	0.0302	0.00000522	24.9	0.0000198	0.000345	0.000414	0.00108
2094 Jun	72.3	0.0659	0.0161	0.00104	16.8	0.027	5.87	0.00104	0.00104	0.00000518	0.00731	0.00153	0.00988	0.031	0.00000518	25.6	0.0000199	0.000352	0.000433	0.00109
2094 Jul	77.1	0.0703	0.0172	0.00111	17.9	0.0289	6.27	0.00111	0.00111	0.00000554	0.00781	0.00163	0.0106	0.0331	0.00000554	27.3	0.0000212	0.000376	0.000462	0.00117
2094 Aug	82.5	0.0752	0.0183	0.00118	19.1	0.0309	6.7	0.00118	0.00118	0.00000592	0.00835	0.00174	0.0113	0.0354	0.00000592	29.2	0.0000227	0.000402	0.000494	0.00125
2094 Sep	82.4	0.0756	0.0183	0.00119	19.1	0.0311	6.7	0.00119	0.00119	0.00000593	0.00837	0.00174	0.0113	0.0353	0.00000593	29.1	0.0000227	0.000401	0.000492	0.00125
2094 Oct	79.4	0.0747	0.0174	0.00115	18.5	0.0307	6.49	0.00115	0.00115	0.00000575	0.00815	0.00168	0.011	0.0339	0.00000575	28	0.0000219	0.000385	0.000469	0.00121
2094 Nov	76.4	0.0739	0.0166	0.00111	17.8	0.0303	6.27	0.00111	0.00111	0.00000557	0.00795	0.00162	0.0108	0.0325	0.00000557	26.9	0.0000211	0.000369	0.000446	0.00117
2094 Dec	76.1	0.0739	0.0165	0.00111	17.7	0.0303	6.25	0.00111	0.00111	0.00000556	0.00793	0.00161	0.0107	0.0324	0.00000556	26.8	0.000021	0.000368	0.000444	0.00117
2095 Jan	76.1	0.074	0.0165	0.00111	17.7	0.0303	6.26	0.00111	0.00111	0.00000556	0.00794	0.00161	0.0107	0.0324	0.00000556	26.8	0.000021	0.000368	0.000444	0.00117
2095 Feb	76.2	0.074	0.0165	0.00111	17.8	0.0303	6.26	0.00111	0.00111	0.00000556	0.00794	0.00161	0.0107	0.0324	0.00000556	26.8	0.000021	0.000368	0.000444	0.00117
2095 Mar	76.3	0.0741	0.0165	0.00111	17.8	0.0304	6.27	0.00111	0.00111	0.00000557	0.00794	0.00162	0.0108	0.0324	0.00000557	26.8	0.000021	0.000368	0.000445	0.00117

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	76.7	0.0745	0.0166	0.00112	17.9	0.0305	6.3	0.00112	0.00112	0.0000056	0.00799	0.00162	0.0108	0.0326	0.0000056	27	0.0000212	0.00037	0.000447	0.00117
2095 May	77.2	0.0745	0.0168	0.00112	18	0.0303	6.34	0.00112	0.00112	0.00000559	0.00797	0.00163	0.0108	0.0329	0.00000559	27.2	0.0000212	0.000373	0.000453	0.00118
2095 Jun	78.7	0.0751	0.0173	0.00113	18.4	0.0302	6.45	0.00113	0.00113	0.00000563	0.00801	0.00166	0.0108	0.0337	0.00000563	27.8	0.0000215	0.000381	0.000468	0.0012
2095 Jul	83.7	0.0798	0.0184	0.0012	19.5	0.0321	6.87	0.0012	0.0012	0.000006	0.00852	0.00177	0.0115	0.0359	0.000006	29.6	0.0000229	0.000406	0.000498	0.00127
2095 Aug	83.7	0.0798	0.0184	0.0012	19.5	0.0323	6.87	0.0012	0.0012	0.00000601	0.00853	0.00177	0.0115	0.0359	0.00000601	29.6	0.0000228	0.000406	0.000497	0.00127
2095 Sep	83.9	0.0801	0.0184	0.00121	19.6	0.0326	6.88	0.00121	0.00121	0.00000603	0.00856	0.00177	0.0116	0.0359	0.00000603	29.6	0.0000228	0.000406	0.000496	0.00128
2095 Oct	83.9	0.0802	0.0183	0.00121	19.6	0.0326	6.88	0.00121	0.00121	0.00000603	0.00856	0.00177	0.0116	0.0359	0.00000603	29.6	0.0000228	0.000406	0.000496	0.00128
2095 Nov	82.7	0.0797	0.018	0.00119	19.3	0.0324	6.8	0.00119	0.00119	0.00000596	0.00848	0.00175	0.0115	0.0353	0.00000596	29.2	0.0000225	0.0004	0.000488	0.00126
2095 Dec	82.5	0.0799	0.0179	0.00119	19.3	0.0324	6.78	0.00119	0.00119	0.00000595	0.00847	0.00174	0.0115	0.0352	0.00000595	29.1	0.0000225	0.000398	0.000485	0.00126
2096 Jan	82.5	0.0799	0.0179	0.00119	19.3	0.0325	6.79	0.00119	0.00119	0.00000595	0.00847	0.00174	0.0115	0.0352	0.00000595	29.1	0.0000224	0.000398	0.000485	0.00126
2096 Feb	82.5	0.08	0.018	0.00119	19.3	0.0325	6.79	0.00119	0.00119	0.00000596	0.00848	0.00175	0.0115	0.0352	0.00000596	29.1	0.0000225	0.000399	0.000486	0.00126
2096 Mar	82.6	0.0801	0.018	0.00119	19.3	0.0325	6.8	0.00119	0.00119	0.00000596	0.00848	0.00175	0.0115	0.0353	0.00000596	29.2	0.0000225	0.000399	0.000486	0.00126
2096 Apr	83.1	0.0805	0.0181	0.0012	19.4	0.0327	6.84	0.0012	0.0012	0.00000599	0.00852	0.00176	0.0116	0.0355	0.00000599	29.3	0.0000226	0.000401	0.000489	0.00127
2096 May	84	0.0811	0.0183	0.00121	19.6	0.0328	6.91	0.00121	0.00121	0.00000604	0.00858	0.00177	0.0116	0.0359	0.00000604	29.7	0.0000228	0.000406	0.000496	0.00128
2096 Jun	73.8	0.0677	0.0162	0.0011	17	0.0287	5.96	0.0011	0.0011	0.00000548	0.00781	0.00157	0.0105	0.0313	0.00000548	25.9	0.0000212	0.00036	0.00043	0.00112
2096 Jul	75.6	0.0689	0.0166	0.00113	17.4	0.0295	6.09	0.00113	0.00113	0.00000566	0.00806	0.00161	0.0109	0.032	0.00000566	26.4	0.0000219	0.000369	0.000439	0.00115
2096 Aug	79.7	0.0727	0.0175	0.00119	18.3	0.0311	6.43	0.00119	0.00119	0.00000597	0.00851	0.0017	0.0115	0.0337	0.00000597	27.9	0.0000231	0.00039	0.000463	0.00122
2096 Sep	78.7	0.0729	0.0171	0.00118	18.1	0.0312	6.36	0.00118	0.00118	0.00000592	0.00845	0.00167	0.0114	0.0332	0.00000592	27.5	0.0000228	0.000384	0.000454	0.0012
2096 Oct	75	0.0721	0.0161	0.00114	17.3	0.0307	6.1	0.00114	0.00114	0.00000569	0.00817	0.0016	0.011	0.0315	0.00000569	26.1	0.0000218	0.000364	0.000426	0.00116
2096 Nov	74.8	0.0722	0.016	0.00113	17.2	0.0307	6.09	0.00113	0.00113	0.00000567	0.00816	0.00159	0.011	0.0314	0.00000567	26	0.0000217	0.000362	0.000424	0.00115
2096 Dec	74.8	0.0722	0.016	0.00113	17.2	0.0307	6.09	0.00113	0.00113	0.00000567	0.00816	0.00159	0.011	0.0314	0.00000567	26	0.0000217	0.000362	0.000424	0.00115
2097 Jan	74.8	0.0723	0.016	0.00113	17.3	0.0307	6.09	0.00113	0.00113	0.00000567	0.00816	0.00159	0.011	0.0314	0.00000567	26	0.0000217	0.000362	0.000424	0.00115
2097 Feb	74.8	0.0723	0.016	0.00113	17.3	0.0307	6.09	0.00113	0.00113	0.00000567	0.00816	0.00159	0.011	0.0314	0.00000567	26	0.0000217	0.000363	0.000424	0.00115
2097 Mar	74.9	0.0723	0.016	0.00114	17.3	0.0308	6.1	0.00114	0.00114	0.00000568	0.00817	0.00159	0.011	0.0314	0.00000568	26.1	0.0000217	0.000363	0.000424	0.00115
2097 Apr	75.3	0.0728	0.0161	0.00114	17.4	0.0309	6.14	0.00114	0.00114	0.00000571	0.00822	0.0016	0.0111	0.0316	0.00000571	26.2	0.0000219	0.000365	0.000427	0.00116
2097 May	76.7	0.074	0.0165	0.00116	17.7	0.0313	6.25	0.00116	0.00116	0.0000058	0.00834	0.00163	0.0113	0.0322	0.0000058	26.8	0.0000222	0.000372	0.000437	0.00118
2097 Jun	76.3	0.0719	0.0166	0.00113	17.6	0.03	6.19	0.00113	0.00113	0.00000566	0.0081	0.00162	0.0109	0.0323	0.00000566	26.7	0.0000219	0.000371	0.000443	0.00117
2097 Jul	80.7	0.076	0.0176	0.0012	18.6	0.0318	6.56	0.0012	0.0012	0.000006	0.00859	0.00171	0.0116	0.0342	0.000006	28.3	0.0000232	0.000393	0.000469	0.00123
2097 Aug	83.7	0.0788	0.0182	0.00124	19.3	0.033	6.8	0.00124	0.00124	0.00000622	0.00891	0.00178	0.012	0.0354	0.00000622	29.3	0.000024	0.000408	0.000486	0.00128
2097 Sep	85.1	0.0802	0.0185	0.00127	19.6	0.0335	6.91	0.00127	0.00127	0.00000633	0.00906	0.00181	0.0122	0.036	0.00000633	29.8	0.0000244	0.000414	0.000493	0.0013
2097 Oct	84.2	0.0797	0.0183	0.00125	19.4	0.0333	6.85	0.00125	0.00125	0.00000627	0.00898	0.00179	0.0121	0.0356	0.00000627	29.5	0.0000242	0.00041	0.000487	0.00129
2097 Nov	83.3	0.0794	0.018	0.00124	19.2	0.0332	6.78	0.00124	0.00124	0.00000621	0.00891	0.00177	0.012	0.0352	0.00000621	29.1	0.0000239	0.000405	0.000481	0.00128
2097 Dec	83	0.0794	0.0179	0.00124	19.2	0.0332	6.76	0.00124	0.00124	0.00000619	0.00889	0.00176	0.012	0.035	0.00000619	29	0.0000238	0.000403	0.000478	0.00127
2098 Jan	83	0.0794	0.0179	0.00124	19.2	0.0332	6.76	0.00124	0.00124	0.00000619	0.00889	0.00176	0.012	0.035	0.00000619	29	0.0000238	0.000403	0.000478	0.00127
2098 Feb	83	0.0795	0.018	0.00124	19.2	0.0332	6.76	0.00124	0.00124	0.00000619	0.00889	0.00176	0.012	0.0351	0.00000619	29.1	0.0000238	0.000403	0.000479	0.00127
2098 Mar	83.1	0.0795	0.018	0.00124	19.2	0.0332	6.77	0.00124	0.00124	0.0000062	0.00889	0.00176	0.012	0.0351	0.0000062	29.1	0.0000238	0.000403	0.000479	0.00127
2098 Apr	83.4	0.0798	0.018	0.00124	19.3	0.0333	6.8	0.00124	0.00124	0.00000622	0.00892	0.00177	0.012	0.0352	0.00000622	29.2	0.0000239	0.000405	0.000481	0.00128
2098 May	84	0.0794	0.0184	0.00123	19.4	0.0326	6.84	0.00123	0.00123	0.00000616	0.00882	0.00178	0.0118	0.0357	0.00000616	29.5	0.0000238	0.000409	0.000492	0.00128
2098 Jun	78.6	0.0721	0.0176	0.00111	18.2	0.0286	6.38	0.00111	0.00111	0.00000557	0.00791	0.00165	0.0106	0.0338	0.00000557	27.9	0.0000218	0.000384	0.000476	0.00118
2098 Jul	83.4	0.0765	0.0186	0.00118	19.4	0.0304	6.78	0.00118	0.00118	0.00000592	0.0084	0.00176	0.0112	0.0359	0.00000592	29.6	0.0000232	0.000408	0.000505	0.00126
2098 Aug	84.5	0.0775	0.0188	0.0012	19.6	0.031	6.87	0.0012	0.0012	0.00000601	0.00852	0.00178	0.0114	0.0363	0.00000601	29.9	0.0000234	0.000413	0.00051	0.00127
2098 Sep	81	0.0759	0.0179	0.00116	18.8	0.0306	6.6	0.00116	0.00116	0.00000581	0.00825	0.00171	0.0111	0.0347	0.00000581	28.6	0.0000224	0.000394	0.000483	0.00123
2098 Oct	77.6	0.0749	0.0169	0.00112	18.1	0.0302	6.36	0.00112	0.00112	0.00000561	0.00802	0.00164	0.0108	0.0331	0.00000561	27.4	0.0000215	0.000376	0.000457	0.00118
2098 Nov	76.5	0.0749	0.0166	0.00111	17.8	0.0302	6.29	0.00111	0.00111	0.00000555	0.00796	0.00162	0.0107	0.0325	0.00000555	26.9	0.0000212	0.00037	0.000447	0.00117
2098 Dec	76.5	0.075	0.0166	0.00111	17.8	0.0302	6.29	0.00111	0.00111	0.00000555	0.00796	0.00162	0.0107	0.0325	0.00000555	26.9	0.0000212	0.00037	0.000447	0.00117
2099 Jan	76.5	0.075	0.0166	0.00111	17.8	0.0302	6.29	0.00111	0.00111	0.00000555	0.00796	0.00162	0.0107	0.0325	0.00000555	26.9	0.0000212	0.00037	0.000447	0.00117
2099 Feb	76.5	0.075	0.0166	0.00111	17.8	0.0302	6.29	0.00111	0.00111	0.00000555	0.00797	0.00162	0.0107	0.0326	0.00000555	26.9	0.0000212	0.00037	0.000448	0.00117
2099 Mar	76.7	0.0752	0.0166	0.00111	17.9	0.0303	6.31	0.00111	0.00111	0.00000557	0.00798	0.00162	0.0108	0.0326	0.00000557	27	0.0000212	0.000371	0.000449	0.00117
2099 Apr	77.4	0.0758	0.0168	0.00112	18	0.0305	6.36	0.00112	0.00112	0.00000561	0.00805	0.00163	0.0108	0.0329	0.00000561	27.2	0.0000214	0.000374	0.000453	0.00118
2099 May	77.1	0.074	0.017	0.00109	18	0.0289	6.33	0.00109	0.00109	0.00000543	0.00774	0.00162	0.0104	0.0332	0.00000543	27.3	0.0000209	0.000374	0.000463	0.00117
2099 Jun	75.8	0.0719	0.0168	0.00106	17.7	0.0279	6.22	0.00106	0.00106	0.00000529	0.00752	0.00159	0.0101	0.0327	0.00000529	26.9	0.0000204	0.000368	0.00046	0.00114
2099 Jul	79.6	0.0754	0.0177	0.00112	18.6	0.0294	6.53	0.00112	0.00112	0.00000558	0.00792	0.00167	0.0106	0.0344	0.00000558	28.3	0.0000215	0.000387	0.000482	0.0012
2099 Aug	83.5	0.079	0.0185	0.00117	19.5	0.0309	6.85	0.00117	0.00117	0.00000585	0.00831	0.00176	0.0111	0.036	0.00000585	29.7	0.0000225	0.000405	0.000505	0.00126
2099 Sep	81.8	0.078	0.0181	0.00115	19.1	0.0307	6.72	0.00115	0.00115	0.00000576	0.00818	0.00172	0.011	0.0352	0.00000576	29	0.000022	0.000397	0.000492	0.00124
2099 Oct	79.8	0.0771	0.0175	0.00113	18.7	0.0304	6.57	0.00113	0.00113	0.00000564	0.00803	0.00168	0.0108	0.0343	0.00000564	28.3	0.0000215	0.000386	0.000477	0.00121
2099 Nov	78.3	0.0769	0.0171	0.00111	18.3	0.0303	6.46	0.00111	0.00111	0.00000556	0.00794	0.00165	0.0107	0.0335	0.00000556	27.7	0.0000211	0.000378	0.000465	0.00119
2099 Dec	78.3	0.077	0.0171	0.00111	18.3	0.0303	6.46	0.00111	0.00111	0.00000556	0.00795	0.00165	0.0107	0.0335	0.00000556	27.7	0.0000211	0.000378	0.000465	0.00119
2100 Jan	78.3	0.077	0.0171	0.00111	18.3	0.0303	6.47	0.00111	0.00111	0.00000556	0.00795	0.00165	0.0107	0.0335	0.00000556	27.7	0.0000211	0.000378	0.000465	0.00119
2100 Feb	78.3	0.0771	0.0171	0.00111	18.4	0.0303	6.47	0.00111	0.00111	0.00000556	0.00795	0.00165	0.0107	0.0335	0.00000556	27.7	0.0000211	0.000378	0.000465	0.00119
2100 Mar	78.4	0.0771	0.0171	0.00111	18.4	0.0303	6.47	0.00111	0.00111	0.00000557	0.00795	0.00165	0.0107	0.0336	0.00000557	27.7	0.0000211	0.000378	0.000465	0.00119
2100 Apr	78.9	0.0776	0.0172	0.00112	18.5	0.0306	6.52	0.00112	0.00112	0.0000056	0.00801	0.00166	0.0108	0.0338	0.0000056	27.9	0.0000213	0.000381	0.000469	0.0012
2100 May	79.8	0.0778	0.0175	0.00112	18.7	0.0304	6.58	0.00112	0.00112	0.00000562	0.00801	0.00168	0.0108	0.0343	0.00000562	28.3	0.0000214	0.000385	0.000477	0.00121
2100 Jun	74.9	0.0708	0.0167	0.00104	17.5	0.0273	6.14	0.00104	0.00104	0.0000052	0.00738	0.00157	0.00988	0.0324	0.0000052	26.7	0.0000201	0.000364	0.000456	0.00113
2100 Jul	75.9	0.0717	0.0169	0.00106	17.8	0.0278	6.23	0.00106	0.00106	0.00000529	0.00751	0.0016	0.0101	0.0328	0.00000529	27	0.0000204	0.000369	0.000462	0.00114
2100 Aug	75.8	0.0715	0.0169	0.00106	17.7	0.028	6.22	0.00106	0.00106	0.0000053	0.00751	0.00159	0.0101	0.0327	0.0000053	27	0.0000203	0.000368	0.00046	0.00114
2100 Sep	75.7	0.0716	0.0168	0.00106	17.7	0.0282	6.21	0.00106	0.00106	0.00000531	0.00751	0.00159	0.0101	0.0326	0.00000531	26.9	0.0000203	0.000367	0.000457	0.00114
2100 Oct	75.8	0.0718	0.0168	0.00106	17.7	0.0283	6.23	0.00106	0.00106	0.00000532	0.00753	0.0016	0.0102	0.0327	0.00000532	27	0.0000203	0.000368	0.000458	0.00114
2100 Nov	75.9	0.072	0.0168	0.00107	17.8	0.0284	6.23	0.00107	0.00107	0.00000533	0.00755	0.0016	0.0102	0.0327	0.00000533	27	0.0000203	0.000368	0.000458	0.00115
2100 Dec	76	0.0721	0.0168	0.00107	17.8	0.0284	6.24	0.00107	0.00107	0.00000533	0.00755	0.0016	0.0102	0.0328	0.00000533	27	0.0000203	0.000369	0.000458	0.00115
2101 Jan	76	0.0721	0.0168	0.00107	17.8	0.0284	6.24	0.00107	0.00107	0.00000533	0.00755	0.0016	0.0102	0.0328	0.00000533	27	0.0000204	0.000369	0.000459	0.00115
2101 Feb	76	0.0721	0.0168	0.00107	17.8	0.0284	6.24	0.00107	0.00107	0.00000534	0.00755	0.0016	0.0102	0.0328	0.00000534	27	0.0000204	0.000369	0.000459	0.00115
2101 Mar	76	0.0721	0.0169	0.00107	17.8	0.0284	6.24	0.00107	0.00107	0.00000534	0.00756	0.0016	0.0102	0.0328	0.00000534	27	0.0000204	0.000369	0.000459	0.00115
2101 Apr	76.4	0.0724	0.0169	0.00107	17.9	0.0285	6.27	0.00107	0.00107	0.00000536	0.00759	0.00161	0.0102	0.0329	0.00000536	27.1	0.0000204	0.000371	0.000461	0.00115
2101 May	77.4	0.0727	0.0173	0.00107	18.1	0.0283	6.35	0.00107	0.00107	0.00000537	0.00759	0.00163	0.0102	0.0335	0.00000537	27.6	0.0000206	0.000376	0.000473	0.00116
2101 Jun	75	0.0691	0.0169	0.00103	17.5	0.0267	6.13	0.00103	0.00103	0.00000516	0.00727	0.00157	0.00976	0.0326	0.00000516	26.8	0.00002	0.000366	0.000463	0.00112
2101 Jul	79.2	0.0728	0.0179	0.00109	18.5	0.0282	6.47	0.00109	0.00109	0.00000547	0.0077	0.00166	0.0103	0.0344	0.00000547	28.3	0.0000212	0.000387	0.000488	0.00119
2101 Aug	83.5	0.0768	0.0188	0.00115	19.5	0.0298	6.82	0.00115	0.00115	0.00000576	0.00812	0.00175	0.0109	0.0363	0.00000576	29.8	0.0000223	0.000407	0.000514	0.00125

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	82.9	0.0769	0.0186	0.00115	19.4	0.03	6.78	0.00115	0.00115	0.00000574	0.0081	0.00174	0.0109	0.0359	0.00000574	29.5	0.0000221	0.000403	0.000507	0.00124
2101 Oct	82.4	0.0768	0.0184	0.00114	19.3	0.0299	6.75	0.00114	0.00114	0.00000572	0.00807	0.00173	0.0109	0.0357	0.00000572	29.4	0.000022	0.000401	0.000503	0.00124
2101 Nov	80.7	0.0762	0.018	0.00112	18.9	0.0297	6.63	0.00112	0.00112	0.00000562	0.00796	0.0017	0.0107	0.0349	0.00000562	28.7	0.0000216	0.000392	0.000491	0.00121
2101 Dec	80.5	0.0762	0.0179	0.00112	18.8	0.0297	6.61	0.00112	0.00112	0.00000561	0.00795	0.00169	0.0107	0.0348	0.00000561	28.6	0.0000215	0.000391	0.000488	0.00121
2102 Jan	80.5	0.0763	0.0179	0.00112	18.8	0.0298	6.61	0.00112	0.00112	0.00000561	0.00795	0.00169	0.0107	0.0348	0.00000561	28.6	0.0000215	0.000391	0.000488	0.00121
2102 Feb	80.5	0.0763	0.0179	0.00112	18.9	0.0298	6.62	0.00112	0.00112	0.00000561	0.00795	0.00169	0.0107	0.0348	0.00000561	28.7	0.0000215	0.000391	0.000489	0.00121
2102 Mar	80.6	0.0764	0.0179	0.00112	18.9	0.0298	6.62	0.00112	0.00112	0.00000562	0.00795	0.00169	0.0107	0.0348	0.00000562	28.7	0.0000215	0.000391	0.000489	0.00121
2102 Apr	80.9	0.0766	0.018	0.00113	18.9	0.0299	6.64	0.00113	0.00113	0.00000563	0.00798	0.0017	0.0107	0.0349	0.00000563	28.8	0.0000216	0.000393	0.000491	0.00122
2102 May	82.1	0.0778	0.0183	0.00114	19.2	0.0303	6.75	0.00114	0.00114	0.00000572	0.0081	0.00173	0.0109	0.0355	0.00000572	29.2	0.0000219	0.000399	0.000499	0.00124
2102 Jun	72.5	0.0655	0.016	0.00108	16.6	0.0277	5.83	0.00108	0.00108	0.00000538	0.00767	0.00154	0.0103	0.0308	0.00000538	25.4	0.000021	0.000355	0.000425	0.0011
2102 Jul	69.7	0.0615	0.0153	0.00107	15.8	0.0271	5.55	0.00107	0.00107	0.00000534	0.00762	0.00149	0.0103	0.0293	0.00000534	24.2	0.0000211	0.000343	0.000401	0.00106
2102 Aug	71.9	0.0635	0.0158	0.0011	16.3	0.028	5.73	0.0011	0.0011	0.00000551	0.00787	0.00153	0.0106	0.0302	0.00000551	25	0.0000217	0.000354	0.000413	0.0011
2102 Sep	72.2	0.0639	0.0158	0.00111	16.4	0.0284	5.75	0.00111	0.00111	0.00000554	0.00791	0.00154	0.0107	0.0303	0.00000554	25.1	0.0000217	0.000355	0.000413	0.0011
2102 Oct	69.2	0.0637	0.0149	0.00107	15.8	0.0281	5.55	0.00107	0.00107	0.00000535	0.00768	0.00148	0.0104	0.0289	0.00000535	24	0.0000208	0.000339	0.00039	0.00106
2102 Nov	68.9	0.0641	0.0148	0.00107	15.7	0.0282	5.54	0.00107	0.00107	0.00000534	0.00768	0.00147	0.0104	0.0288	0.00000534	23.9	0.0000207	0.000337	0.000387	0.00106
2102 Dec	69	0.0642	0.0148	0.00107	15.8	0.0282	5.55	0.00107	0.00107	0.00000535	0.00769	0.00147	0.0104	0.0288	0.00000535	23.9	0.0000207	0.000337	0.000387	0.00106
2103 Jan	69	0.0642	0.0148	0.00107	15.8	0.0282	5.55	0.00107	0.00107	0.00000535	0.00769	0.00147	0.0104	0.0288	0.00000535	23.9	0.0000207	0.000337	0.000387	0.00106
2103 Feb	69	0.0642	0.0148	0.00107	15.8	0.0283	5.55	0.00107	0.00107	0.00000535	0.00769	0.00147	0.0104	0.0288	0.00000535	23.9	0.0000207	0.000337	0.000388	0.00106
2103 Mar	69.1	0.0643	0.0148	0.00107	15.8	0.0283	5.56	0.00107	0.00107	0.00000535	0.0077	0.00148	0.0104	0.0288	0.00000535	23.9	0.0000208	0.000338	0.000388	0.00106
2103 Apr	69.4	0.0646	0.0149	0.00108	15.9	0.0284	5.58	0.00108	0.00108	0.00000538	0.00773	0.00148	0.0105	0.0289	0.00000538	24	0.0000208	0.000339	0.00039	0.00107
2103 May	70.8	0.0653	0.0154	0.00108	16.2	0.0283	5.7	0.00108	0.00108	0.00000541	0.00776	0.00151	0.0105	0.0297	0.00000541	24.6	0.0000211	0.000346	0.000403	0.00109
2103 Jun	68.6	0.0614	0.0152	0.00102	15.7	0.026	5.5	0.00102	0.00102	0.00000511	0.00729	0.00146	0.00979	0.0291	0.00000511	24	0.0000201	0.000337	0.000402	0.00104
2103 Jul	69.8	0.0621	0.0154	0.00105	16	0.0268	5.59	0.00105	0.00105	0.00000525	0.00747	0.00149	0.01	0.0296	0.00000525	24.4	0.0000205	0.000343	0.000407	0.00106
2103 Aug	69	0.0606	0.0151	0.00106	15.8	0.0276	5.54	0.00106	0.00106	0.00000529	0.00743	0.00148	0.01	0.0292	0.00000529	24.1	0.0000201	0.000336	0.000398	0.00106
2103 Sep	67.3	0.0608	0.0146	0.00104	15.4	0.0276	5.43	0.00104	0.00104	0.00000519	0.00733	0.00145	0.00992	0.0284	0.00000519	23.5	0.0000196	0.000327	0.000384	0.00104
2103 Oct	64.4	0.0606	0.0137	0.001	14.8	0.0273	5.23	0.001	0.001	0.000005	0.00711	0.00139	0.00964	0.027	0.000005	22.4	0.0000187	0.00031	0.000361	0.001
2103 Nov	63.7	0.0607	0.0135	0.000992	14.7	0.0272	5.19	0.000992	0.000992	0.00000496	0.00707	0.00137	0.00958	0.0266	0.00000496	22.1	0.0000185	0.000307	0.000355	0.000996
2103 Dec	63.7	0.0608	0.0135	0.000992	14.7	0.0273	5.19	0.000992	0.000992	0.00000496	0.00707	0.00137	0.00958	0.0266	0.00000496	22.1	0.0000185	0.000307	0.000355	0.000996
2104 Jan	63.7	0.0608	0.0135	0.000992	14.7	0.0273	5.19	0.000992	0.000992	0.00000496	0.00707	0.00137	0.00959	0.0266	0.00000496	22.1	0.0000185	0.000307	0.000355	0.000997
2104 Feb	63.7	0.0608	0.0135	0.000992	14.7	0.0273	5.19	0.000992	0.000992	0.00000496	0.00707	0.00137	0.00959	0.0266	0.00000496	22.1	0.0000185	0.000307	0.000356	0.000997
2104 Mar	63.8	0.0609	0.0135	0.000993	14.7	0.0273	5.2	0.000993	0.000993	0.00000497	0.00708	0.00137	0.00959	0.0267	0.00000497	22.1	0.0000186	0.000307	0.000356	0.000998
2104 Apr	64.2	0.0613	0.0136	0.001	14.8	0.0275	5.23	0.001	0.001	0.000005	0.00713	0.00138	0.00966	0.0269	0.000005	22.3	0.0000187	0.000309	0.000359	0.001
2104 May	65.9	0.0621	0.0142	0.00101	15.2	0.0273	5.37	0.00101	0.00101	0.00000503	0.00715	0.00141	0.00965	0.0278	0.00000503	23	0.0000189	0.000318	0.000376	0.00102
2104 Jun	64.5	0.0593	0.0141	0.000957	14.9	0.0253	5.24	0.000957	0.000957	0.00000479	0.00677	0.00138	0.0091	0.0275	0.00000479	22.7	0.0000182	0.000313	0.000378	0.000989
2104 Jul	66.7	0.0611	0.0146	0.000993	15.4	0.0263	5.41	0.000993	0.000993	0.00000497	0.00702	0.00142	0.00944	0.0284	0.00000497	23.4	0.0000189	0.000324	0.00039	0.00102
2104 Aug	68.2	0.0625	0.0149	0.00102	15.7	0.027	5.54	0.00102	0.00102	0.00000509	0.00719	0.00146	0.00968	0.029	0.00000509	23.9	0.0000193	0.000331	0.000398	0.00105
2104 Sep	67	0.062	0.0146	0.00101	15.5	0.027	5.45	0.00101	0.00101	0.00000503	0.00709	0.00143	0.00962	0.0284	0.00000503	23.5	0.0000189	0.000324	0.000388	0.00103
2104 Oct	65.2	0.062	0.014	0.000984	15.1	0.0269	5.33	0.000984	0.000984	0.00000492	0.00698	0.0014	0.00947	0.0276	0.00000492	22.8	0.0000184	0.000314	0.000373	0.00101
2104 Nov	64.8	0.0624	0.0139	0.000981	15	0.027	5.31	0.000981	0.000981	0.0000049	0.00698	0.00139	0.00946	0.0273	0.0000049	22.7	0.0000183	0.000312	0.000369	0.00101
2104 Dec	64.8	0.0624	0.0139	0.000981	15	0.027	5.31	0.000981	0.000981	0.00000491	0.00698	0.00139	0.00947	0.0273	0.00000491	22.7	0.0000183	0.000312	0.000369	0.00101
2105 Jan	64.8	0.0625	0.0139	0.000981	15	0.027	5.31	0.000981	0.000981	0.00000491	0.00698	0.00139	0.00947	0.0273	0.00000491	22.7	0.0000183	0.000312	0.000369	0.00101
2105 Feb	64.9	0.0625	0.0139	0.000982	15	0.027	5.32	0.000982	0.000982	0.00000491	0.00698	0.00139	0.00947	0.0274	0.00000491	22.7	0.0000183	0.000312	0.000369	0.00101
2105 Mar	64.9	0.0625	0.0139	0.000982	15	0.027	5.32	0.000982	0.000982	0.00000491	0.00698	0.00139	0.00947	0.0274	0.00000491	22.7	0.0000183	0.000312	0.00037	0.00101
2105 Apr	65.1	0.0628	0.0139	0.000985	15.1	0.0271	5.34	0.000985	0.000985	0.00000493	0.00701	0.00139	0.00951	0.0275	0.00000493	22.8	0.0000184	0.000314	0.000371	0.00101
2105 May	66.2	0.0632	0.0143	0.00099	15.4	0.027	5.42	0.00099	0.00099	0.00000495	0.00703	0.00141	0.00951	0.028	0.00000495	23.2	0.0000185	0.000319	0.000382	0.00102
2105 Jun	67	0.063	0.0146	0.000985	15.5	0.0265	5.48	0.000985	0.000985	0.00000493	0.00697	0.00143	0.00941	0.0285	0.00000493	23.6	0.0000186	0.000324	0.000392	0.00103
2105 Jul	69.3	0.0651	0.0151	0.00102	16.1	0.0275	5.67	0.00102	0.00102	0.00000511	0.00723	0.00148	0.00976	0.0296	0.00000511	24.4	0.0000193	0.000335	0.000406	0.00107
2105 Aug	68.4	0.0642	0.0149	0.00101	15.9	0.0275	5.59	0.00101	0.00101	0.00000507	0.00714	0.00146	0.00971	0.0291	0.00000507	24	0.0000189	0.00033	0.000398	0.00105
2105 Sep	66.1	0.0638	0.0142	0.000991	15.4	0.0276	5.44	0.000991	0.000991	0.00000496	0.00701	0.00141	0.0096	0.028	0.00000496	23.2	0.0000182	0.000318	0.000378	0.00102
2105 Oct	64.2	0.0633	0.0136	0.000968	15	0.0273	5.3	0.000968	0.000968	0.00000484	0.00687	0.00137	0.00941	0.0271	0.00000484	22.5	0.0000177	0.000308	0.000364	0.000999
2105 Nov	63.4	0.0633	0.0134	0.000958	14.8	0.0273	5.25	0.000958	0.000958	0.00000479	0.00682	0.00136	0.00934	0.0267	0.00000479	22.2	0.0000175	0.000303	0.000357	0.000989
2105 Dec	63.4	0.0634	0.0134	0.000958	14.8	0.0273	5.25	0.000958	0.000958	0.00000479	0.00682	0.00136	0.00935	0.0267	0.00000479	22.2	0.0000175	0.000303	0.000357	0.000989
2106 Jan	63.4	0.0634	0.0134	0.000958	14.8	0.0273	5.25	0.000958	0.000958	0.00000479	0.00682	0.00136	0.00935	0.0267	0.00000479	22.2	0.0000175	0.000303	0.000357	0.000989
2106 Feb	63.4	0.0634	0.0134	0.000959	14.8	0.0273	5.25	0.000959	0.000959	0.00000479	0.00682	0.00136	0.00935	0.0267	0.00000479	22.2	0.0000175	0.000303	0.000358	0.00099
2106 Mar	63.5	0.0634	0.0134	0.000959	14.8	0.0273	5.26	0.000959	0.000959	0.00000479	0.00683	0.00136	0.00935	0.0267	0.00000479	22.2	0.0000175	0.000303	0.000358	0.00099
2106 Apr	63.8	0.0638	0.0135	0.000964	14.9	0.0274	5.28	0.000964	0.000964	0.00000482	0.00686	0.00136	0.0094	0.0268	0.00000482	22.3	0.0000176	0.000305	0.00036	0.000995
2106 May	65	0.0647	0.0138	0.000978	15.2	0.0277	5.38	0.000978	0.000978	0.00000489	0.00696	0.00139	0.00952	0.0274	0.00000489	22.8	0.0000179	0.000311	0.000368	0.00101
2106 Jun	62.1	0.0589	0.0134	0.000934	14.4	0.0254	5.08	0.000934	0.000934	0.00000467	0.00663	0.00133	0.00901	0.0263	0.00000467	21.8	0.0000175	0.0003	0.000357	0.000959
2106 Jul	63.6	0.0597	0.0137	0.000969	14.7	0.0263	5.18	0.000969	0.000969	0.00000485	0.00687	0.00136	0.00935	0.0268	0.00000485	22.2	0.0000182	0.000308	0.000362	0.000985
2106 Aug	62.9	0.0586	0.0135	0.000973	14.5	0.0269	5.13	0.000973	0.000973	0.00000487	0.00684	0.00136	0.00939	0.0265	0.00000487	21.9	0.0000178	0.000303	0.000355	0.000983
2106 Sep	61.2	0.0576	0.0129	0.000957	14.2	0.027	5.01	0.000957	0.000957	0.00000478	0.00669	0.00132	0.00934	0.0256	0.00000478	21.3	0.0000171	0.000294	0.00034	0.000959
2106 Oct	60.9	0.0578	0.0128	0.000953	14.1	0.027	4.99	0.000953	0.000953	0.00000476	0.00667	0.00132	0.00932	0.0254	0.00000476	21.1	0.000017	0.000292	0.000336	0.000955
2106 Nov	61	0.058	0.0128	0.000955	14.1	0.0271	5	0.000955	0.000955	0.00000478	0.0067	0.00132	0.00935	0.0255	0.00000478	21.2	0.000017	0.000292	0.000337	0.000957
2106 Dec	61	0.0581	0.0128	0.000956	14.1	0.0271	5	0.000956	0.000956	0.00000478	0.0067	0.00132	0.00935	0.0255	0.00000478	21.2	0.000017	0.000292	0.000337	0.000958
2107 Jan	61	0.0581	0.0128	0.000956	14.1	0.0271	5	0.000956	0.000956	0.00000478	0.0067	0.00132	0.00935	0.0255	0.00000478	21.2	0.000017	0.000292	0.000337	0.000958
2107 Feb	61.1	0.0581	0.0129	0.000956	14.1	0.0271	5.01	0.000956	0.000956	0.00000478	0.0067	0.00132	0.00935	0.0255	0.00000478	21.2	0.000017	0.000293	0.000337	0.000958
2107 Mar	61.1	0.0582	0.0129	0.000957	14.2	0.0272	5.01	0.000957	0.000957	0.00000478	0.00671	0.00132	0.00936	0.0255	0.00000478	21.2	0.0000171	0.000293	0.000338	0.000959
2107 Apr	61.3	0.0583	0.0129	0.000959	14.2	0.0272	5.03	0.000959	0.000959	0.0000048	0.00673	0.00133	0.00939	0.0256	0.0000048	21.3	0.0000171	0.000294	0.000339	0.000962
2107 May	62.3	0.0588	0.0132	0.000962	14.4	0.027	5.1	0.000962	0.000962	0.00000481	0.00673	0.00134	0.00937	0.0262	0.00000481	21.7	0.0000173	0.000299	0.000349	0.000972
2107 Jun	63.8	0.0586	0.0139	0.000949	14.8	0.0259	5.22	0.000949	0.000949	0.00000475	0.00661	0.00137	0.00912	0.0272	0.00000475	22.5	0.0000174	0.000308	0.000372	0.000982
2107 Jul	65.1	0.0596	0.0142	0.000972	15.1	0.0265	5.32	0.000972	0.000972	0.00000486	0.00676	0.0014	0.00932	0.0277	0.00000486	22.9	0.0000177	0.000314	0.000378	0.001
2107 Aug	67.5	0.0617	0.0147	0.00101	15.7	0.0276	5.51	0.00101	0.00101	0.00000504	0.00701	0.00145	0.00968	0.0287	0.00000504	23.7	0.0000183	0.000325	0.000391	0.00104
2107 Sep	67.9	0.0625	0.0147	0.00102	15.8	0.0279	5.56	0.00102	0.00102	0.00000508	0.00707	0.00146	0.00977	0.0289	0.00000508	23.9	0.0000184	0.000327	0.000393	0.00105
2107 Oct	67.1	0.0624	0.0145	0.00101	15.6	0.0279	5.5	0.00101	0.00101	0.00000504	0.00702	0.00144	0.0097	0.0285	0.00000504	23.6	0.0000182	0.000323	0.000387	0.00104
2107 Nov	66.8	0.0625	0.0144	0.001	15.5	0.0279	5.48	0.001	0.001	0.00000502	0.00701	0.00143	0.00968	0.0284	0.00000502	23.5	0.0000182	0.000321	0.000384	0.00104
2107 Dec	66.9	0.0626	0.0144	0.001	15.5	0.0279	5.49	0.001	0.001	0.00000502	0.00702	0.00143	0.00969	0.0284	0.00000502	23.5	0.0000182	0.000321	0.000384	0.00104
2108 Jan	66.9	0.0626	0.0144	0.00101	15.6	0.0279	5.49	0.00101	0.00101	0.00000503	0.00702	0.00144	0.00969	0.0284	0.00000503	23.5	0.0000182	0.000321	0.000384	0.00104

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	66.9	0.0627	0.0144	0.00101	15.6	0.0279	5.49	0.00101	0.00101	0.00000503	0.00702	0.00144	0.00969	0.0284	0.00000503	23.5	0.0000182	0.000321	0.000384	0.00104
2108 Mar	67	0.0627	0.0144	0.00101	15.6	0.0279	5.5	0.00101	0.00101	0.00000503	0.00703	0.00144	0.0097	0.0284	0.00000503	23.5	0.0000182	0.000322	0.000385	0.00104
2108 Apr	67.6	0.0634	0.0146	0.00102	15.7	0.0282	5.55	0.00102	0.00102	0.00000508	0.00709	0.00145	0.0098	0.0287	0.00000508	23.7	0.0000184	0.000325	0.000389	0.00105
2108 May	69.1	0.0647	0.0149	0.00104	16.1	0.0288	5.67	0.00104	0.00104	0.00000519	0.00724	0.00148	0.01	0.0293	0.00000519	24.2	0.0000188	0.000332	0.000397	0.00107
2108 Jun	65.4	0.0591	0.0141	0.00102	15	0.0276	5.29	0.00102	0.00102	0.00000509	0.00715	0.00141	0.00984	0.0274	0.00000509	22.7	0.0000188	0.000317	0.000368	0.00102
2108 Jul	68.4	0.0615	0.0147	0.00107	15.7	0.0289	5.52	0.00107	0.00107	0.00000536	0.00753	0.00148	0.0104	0.0287	0.00000536	23.8	0.0000199	0.000332	0.000384	0.00106
2108 Aug	72.4	0.0651	0.0156	0.00114	16.6	0.0306	5.84	0.00114	0.00114	0.00000568	0.00797	0.00156	0.011	0.0303	0.00000568	25.1	0.000021	0.000351	0.000406	0.00113
2108 Sep	73.1	0.0659	0.0157	0.00115	16.7	0.031	5.89	0.00115	0.00115	0.00000573	0.00805	0.00158	0.0111	0.0306	0.00000573	25.4	0.0000212	0.000354	0.000409	0.00114
2108 Oct	69.3	0.0651	0.0146	0.00109	15.9	0.0303	5.63	0.00109	0.00109	0.00000547	0.00775	0.0015	0.0107	0.0288	0.00000547	24	0.0000201	0.000334	0.000381	0.00109
2108 Nov	68.8	0.0656	0.0144	0.00109	15.8	0.0304	5.6	0.00109	0.00109	0.00000545	0.00773	0.00149	0.0106	0.0286	0.00000545	23.8	0.00002	0.000331	0.000377	0.00108
2108 Dec	68.8	0.0656	0.0144	0.00109	15.8	0.0304	5.61	0.00109	0.00109	0.00000545	0.00774	0.00149	0.0106	0.0286	0.00000545	23.8	0.00002	0.000331	0.000377	0.00108
2109 Jan	68.8	0.0656	0.0144	0.00109	15.8	0.0304	5.61	0.00109	0.00109	0.00000545	0.00774	0.00149	0.0106	0.0286	0.00000545	23.8	0.00002	0.000331	0.000377	0.00108
2109 Feb	68.8	0.0657	0.0145	0.00109	15.8	0.0304	5.61	0.00109	0.00109	0.00000545	0.00774	0.00149	0.0107	0.0286	0.00000545	23.8	0.00002	0.000331	0.000377	0.00108
2109 Mar	68.9	0.0658	0.0145	0.00109	15.9	0.0305	5.62	0.00109	0.00109	0.00000546	0.00775	0.00149	0.0107	0.0286	0.00000546	23.8	0.00002	0.000332	0.000378	0.00108
2109 Apr	69.4	0.0662	0.0146	0.0011	16	0.0307	5.65	0.0011	0.0011	0.0000055	0.0078	0.0015	0.0107	0.0288	0.0000055	24	0.0000201	0.000334	0.00038	0.00109
2109 May	70.7	0.0667	0.015	0.0011	16.3	0.0304	5.76	0.0011	0.0011	0.0000055	0.00779	0.00152	0.0107	0.0295	0.0000055	24.5	0.0000203	0.000341	0.000394	0.0011
2109 Jun	72.3	0.067	0.0156	0.0011	16.7	0.0297	5.88	0.0011	0.0011	0.00000548	0.00773	0.00155	0.0106	0.0306	0.00000548	25.3	0.0000205	0.00035	0.000415	0.00112
2109 Jul	73.7	0.0678	0.0159	0.00113	17	0.0306	6	0.00113	0.00113	0.00000563	0.0079	0.00159	0.0108	0.0311	0.00000563	25.8	0.0000208	0.000356	0.000421	0.00114
2109 Aug	75.1	0.0686	0.0161	0.00116	17.3	0.0319	6.12	0.00116	0.00116	0.0000058	0.00809	0.00163	0.0111	0.0317	0.0000058	26.2	0.0000211	0.000361	0.000427	0.00117
2109 Sep	74.3	0.0689	0.0159	0.00115	17.2	0.0319	6.07	0.00115	0.00115	0.00000576	0.00805	0.00161	0.011	0.0313	0.00000576	25.9	0.0000208	0.000356	0.000419	0.00116
2109 Oct	70.5	0.0686	0.0148	0.0011	16.3	0.0315	5.81	0.0011	0.0011	0.00000551	0.00778	0.00153	0.0107	0.0295	0.00000551	24.5	0.0000198	0.000336	0.000389	0.00111
2109 Nov	70.4	0.069	0.0147	0.0011	16.3	0.0316	5.81	0.0011	0.0011	0.00000552	0.0078	0.00152	0.0107	0.0294	0.00000552	24.4	0.0000198	0.000335	0.000388	0.00111
2109 Dec	70.4	0.0691	0.0147	0.0011	16.3	0.0316	5.81	0.0011	0.0011	0.00000552	0.0078	0.00152	0.0107	0.0294	0.00000552	24.5	0.0000198	0.000335	0.000388	0.00112
2110 Jan	70.5	0.0691	0.0147	0.0011	16.3	0.0316	5.81	0.0011	0.0011	0.00000552	0.0078	0.00153	0.0107	0.0294	0.00000552	24.5	0.0000198	0.000335	0.000388	0.00112
2110 Feb	70.5	0.0691	0.0147	0.0011	16.4	0.0316	5.82	0.0011	0.0011	0.00000552	0.00781	0.00153	0.0107	0.0294	0.00000552	24.5	0.0000198	0.000335	0.000389	0.00112
2110 Mar	70.6	0.0692	0.0147	0.00111	16.4	0.0317	5.82	0.00111	0.00111	0.00000553	0.00781	0.00153	0.0107	0.0295	0.00000553	24.5	0.0000198	0.000336	0.000389	0.00112
2110 Apr	70.8	0.0695	0.0148	0.00111	16.4	0.0318	5.85	0.00111	0.00111	0.00000555	0.00784	0.00153	0.0108	0.0296	0.00000555	24.6	0.0000199	0.000337	0.000391	0.00112
2110 May	71.8	0.0702	0.015	0.00112	16.7	0.0319	5.92	0.00112	0.00112	0.00000559	0.00791	0.00155	0.0108	0.0301	0.00000559	25	0.0000201	0.000342	0.000398	0.00113
2110 Jun	70.5	0.0659	0.0153	0.00105	16.4	0.0286	5.78	0.00105	0.00105	0.00000524	0.00735	0.00151	0.00997	0.0301	0.00000524	24.8	0.0000194	0.000339	0.000411	0.00109
2110 Jul	72.6	0.0677	0.0158	0.00108	16.9	0.0295	5.95	0.00108	0.00108	0.0000054	0.00758	0.00156	0.0103	0.0309	0.0000054	25.5	0.0000199	0.000349	0.000423	0.00112
2110 Aug	66.7	0.061	0.0142	0.00103	15.5	0.0295	5.5	0.00103	0.00103	0.00000517	0.00708	0.00146	0.00986	0.0283	0.00000517	23.4	0.0000178	0.000317	0.000377	0.00106
2110 Sep	62.8	0.0606	0.0131	0.000987	14.7	0.029	5.22	0.000987	0.000987	0.00000493	0.00682	0.00137	0.00953	0.0264	0.00000493	21.9	0.0000168	0.000296	0.000347	0.001
2110 Oct	59.7	0.0607	0.0122	0.000948	14	0.0287	5.01	0.000948	0.000948	0.00000474	0.00663	0.0013	0.00925	0.0249	0.00000474	20.7	0.000016	0.000279	0.000322	0.000963
2110 Nov	59	0.0606	0.012	0.000938	13.8	0.0285	4.96	0.000938	0.000938	0.00000469	0.00658	0.00129	0.00918	0.0245	0.00000469	20.5	0.0000158	0.000276	0.000317	0.000953
2110 Dec	59	0.0607	0.012	0.000939	13.8	0.0286	4.96	0.000939	0.000939	0.00000469	0.00658	0.00129	0.00918	0.0245	0.00000469	20.5	0.0000159	0.000276	0.000317	0.000953
2111 Jan	59	0.0607	0.012	0.000939	13.8	0.0286	4.96	0.000939	0.000939	0.0000047	0.00658	0.00129	0.00919	0.0245	0.0000047	20.5	0.0000159	0.000276	0.000317	0.000953
2111 Feb	59.1	0.0608	0.012	0.000939	13.9	0.0286	4.96	0.000939	0.000939	0.0000047	0.00658	0.00129	0.00919	0.0246	0.0000047	20.5	0.0000159	0.000276	0.000317	0.000954
2111 Mar	59.2	0.0609	0.012	0.000941	13.9	0.0286	4.97	0.000941	0.000941	0.0000047	0.00659	0.00129	0.0092	0.0246	0.0000047	20.5	0.0000159	0.000277	0.000318	0.000956
2111 Apr	59.6	0.0613	0.0121	0.000948	14	0.0288	5.01	0.000948	0.000948	0.00000474	0.00664	0.0013	0.00927	0.0248	0.00000474	20.7	0.0000016	0.000279	0.00032	0.000963
2111 May	61.1	0.0622	0.0125	0.00096	14.3	0.0289	5.13	0.00096	0.00096	0.0000048	0.00672	0.00133	0.00936	0.0255	0.0000048	21.2	0.0000163	0.000286	0.000332	0.000981
2111 Jun	62.5	0.0608	0.0133	0.000938	14.7	0.027	5.2	0.000938	0.000938	0.00000469	0.00653	0.00135	0.009	0.0266	0.00000469	22	0.0000165	0.000296	0.000358	0.000982
2111 Jul	66.1	0.0643	0.0141	0.000995	15.5	0.0286	5.5	0.000995	0.000995	0.00000497	0.00692	0.00143	0.00953	0.0281	0.00000497	23.3	0.0000175	0.000314	0.000378	0.00104
2111 Aug	64.7	0.0626	0.0136	0.000988	15.2	0.029	5.39	0.000988	0.000988	0.00000494	0.00681	0.0014	0.00954	0.0274	0.00000494	22.7	0.0000168	0.000305	0.000364	0.00102
2111 Sep	63.9	0.0621	0.0134	0.000986	15	0.0294	5.34	0.000986	0.000986	0.00000493	0.00677	0.00139	0.00961	0.0269	0.00000493	22.4	0.0000165	0.000301	0.000356	0.00101
2111 Oct	61.8	0.0615	0.0128	0.000958	14.5	0.0289	5.18	0.000958	0.000958	0.00000479	0.00662	0.00134	0.00939	0.026	0.00000479	21.6	0.000016	0.000291	0.000341	0.000984
2111 Nov	60.3	0.0616	0.0123	0.00094	14.2	0.0287	5.08	0.00094	0.00094	0.0000047	0.00654	0.00131	0.00927	0.0252	0.0000047	21	0.0000156	0.000283	0.000328	0.000965
2111 Dec	60.3	0.0617	0.0123	0.000941	14.2	0.0288	5.08	0.000941	0.000941	0.0000047	0.00654	0.00131	0.00927	0.0252	0.0000047	21	0.0000156	0.000283	0.000328	0.000965
2112 Jan	60.4	0.0618	0.0123	0.000941	14.2	0.0288	5.08	0.000941	0.000941	0.00000471	0.00654	0.00131	0.00927	0.0252	0.00000471	21	0.0000156	0.000283	0.000328	0.000965
2112 Feb	60.4	0.0618	0.0123	0.000941	14.2	0.0288	5.09	0.000941	0.000941	0.00000471	0.00655	0.00131	0.00928	0.0252	0.00000471	21.1	0.0000157	0.000283	0.000328	0.000966
2112 Mar	60.5	0.0619	0.0124	0.000943	14.3	0.0289	5.1	0.000943	0.000943	0.00000472	0.00656	0.00132	0.0093	0.0253	0.00000472	21.1	0.0000157	0.000283	0.000329	0.000968
2112 Apr	60.9	0.0623	0.0125	0.000949	14.4	0.029	5.13	0.000949	0.000949	0.00000475	0.0066	0.00132	0.00935	0.0255	0.00000475	21.2	0.0000158	0.000285	0.000331	0.000974
2112 May	62.5	0.0631	0.013	0.000958	14.7	0.0289	5.25	0.000958	0.000958	0.00000479	0.00665	0.00135	0.00939	0.0263	0.00000479	21.9	0.0000161	0.000294	0.000347	0.000992
2112 Jun	60.5	0.0578	0.013	0.000889	14.2	0.0254	5.02	0.000889	0.000889	0.00000445	0.00615	0.0013	0.00855	0.0259	0.00000445	21.4	0.0000156	0.000288	0.000352	0.000938
2112 Jul	61.5	0.0583	0.0132	0.000913	14.4	0.0259	5.09	0.000913	0.000913	0.00000456	0.00631	0.00132	0.00878	0.0262	0.00000456	21.7	0.0000161	0.000293	0.000356	0.000956
2112 Aug	63.6	0.0604	0.0137	0.000948	14.9	0.027	5.27	0.000948	0.000948	0.00000474	0.00654	0.00137	0.00913	0.0271	0.00000474	22.4	0.0000166	0.000303	0.000367	0.000991
2112 Sep	63.5	0.0604	0.0136	0.000949	14.9	0.0272	5.27	0.000949	0.000949	0.00000474	0.00654	0.00137	0.00917	0.027	0.00000474	22.4	0.0000165	0.000302	0.000365	0.000989
2112 Oct	63	0.0605	0.0134	0.000943	14.8	0.0272	5.23	0.000943	0.000943	0.00000472	0.00652	0.00136	0.00914	0.0268	0.00000472	22.2	0.0000164	0.0003	0.00036	0.000983
2112 Nov	63	0.0608	0.0134	0.000944	14.8	0.0273	5.24	0.000944	0.000944	0.00000472	0.00654	0.00136	0.00916	0.0267	0.00000472	22.2	0.0000164	0.000299	0.000359	0.000984
2112 Dec	63	0.0609	0.0134	0.000945	14.8	0.0274	5.24	0.000945	0.000945	0.00000472	0.00654	0.00136	0.00917	0.0267	0.00000472	22.2	0.0000164	0.0003	0.00036	0.000985
2113 Jan	63	0.0609	0.0134	0.000945	14.8	0.0274	5.24	0.000945	0.000945	0.00000472	0.00654	0.00136	0.00917	0.0268	0.00000472	22.2	0.0000164	0.0003	0.00036	0.000985
2113 Feb	63.1	0.0609	0.0134	0.000945	14.8	0.0274	5.24	0.000945	0.000945	0.00000473	0.00654	0.00136	0.00917	0.0268	0.00000473	22.2	0.0000164	0.0003	0.00036	0.000985
2113 Mar	63.3	0.0611	0.0135	0.000948	14.9	0.0275	5.26	0.000948	0.000948	0.00000474	0.00656	0.00136	0.0092	0.0269	0.00000474	22.3	0.0000164	0.000301	0.000361	0.000988
2113 Apr	63.7	0.0615	0.0135	0.000954	14.9	0.0276	5.29	0.000954	0.000954	0.00000477	0.0066	0.00137	0.00925	0.027	0.00000477	22.4	0.0000165	0.000303	0.000363	0.000995
2113 May	65.1	0.0624	0.0139	0.000965	15.3	0.0277	5.4	0.000965	0.000965	0.00000483	0.00667	0.0014	0.00933	0.0277	0.00000483	22.9	0.0000168	0.00031	0.000375	0.00101
2113 Jun	65.4	0.061	0.0143	0.000942	15.3	0.0262	5.4	0.000942	0.000942	0.00000471	0.00649	0.0014	0.00899	0.0281	0.00000471	23.2	0.0000168	0.000313	0.000388	0.001
2113 Jul	68.1	0.0634	0.0149	0.000983	16	0.0274	5.63	0.000983	0.000983	0.00000492	0.00677	0.00145	0.00938	0.0293	0.00000492	24.2	0.0000175	0.000326	0.000404	0.00105
2113 Aug	70.1	0.0652	0.0153	0.00102	16.5	0.0284	5.8	0.00102	0.00102	0.00000508	0.00698	0.0015	0.00969	0.0302	0.00000508	24.9	0.000018	0.000336	0.000415	0.00108
2113 Sep	69.2	0.0653	0.015	0.00101	16.3	0.0284	5.73	0.00101	0.00101	0.00000503	0.00694	0.00148	0.00964	0.0297	0.00000503	24.5	0.0000178	0.00033	0.000407	0.00107
2113 Oct	64.6	0.0646	0.0137	0.000955	15.2	0.0279	5.41	0.000955	0.000955	0.00000477	0.00668	0.00138	0.00926	0.0275	0.00000477	22.8	0.0000167	0.000306	0.00037	0.00101
2113 Nov	63.9	0.065	0.0134	0.000948	15.1	0.028	5.36	0.000948	0.000948	0.00000474	0.00666	0.00137	0.00924	0.0271	0.00000474	22.5	0.0000166	0.000302	0.000363	0.001
2113 Dec	63.9	0.0652	0.0134	0.000949	15.1	0.028	5.36	0.000949	0.000949	0.00000474	0.00667	0.00137	0.00925	0.0271	0.00000474	22.5	0.0000166	0.000302	0.000363	0.001
2114 Jan	63.9	0.0652	0.0134	0.000949	15.1	0.028	5.37	0.000949	0.000949	0.00000475	0.00667	0.00137	0.00925	0.0271	0.00000475	22.5	0.0000166	0.000302	0.000363	0.001
2114 Feb	63.9	0.0652	0.0134	0.000949	15.1	0.028	5.37	0.000949	0.000949	0.00000475	0.00667	0.00137	0.00925	0.0271	0.00000475	22.5	0.0000166	0.000302	0.000363	0.001
2114 Mar	64.1	0.0653	0.0135	0.000951	15.1	0.0281	5.38	0.000951	0.000951	0.00000475	0.00668	0.00137	0.00926	0.0271	0.00000475	22.5	0.0000166	0.000303	0.000364	0.001
2114 Apr	64.3	0.0656	0.0135	0.000955	15.2	0.0282	5.4	0.000955	0.000955	0.00000477	0.00671	0.00138	0.0093	0.0273	0.00000477	22.6	0.0000167	0.000304	0.000366	0.00101
2114 May	65.4	0.0656	0.0139	0.000955	15.4	0.0278	5.47	0.000955	0.000955	0.00000477	0.00669	0.0014	0.00924	0.0279	0.00000477	23.1	0.0000168	0.00031	0.000378	0.00102
2114 Jun	67.7	0.0664	0.0147	0.000967	16	0.0274	5.65	0.000967	0.000967	0.00000484	0.00675	0.00144	0.00927	0.0291	0.00000484	24	0.0000173	0.000323	0.000401	0.00104

Appendix D.2-3: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	72	0.0705	0.0156	0.00103	17	0.0292	6	0.00103	0.00103	0.00000515	0.00719	0.00153	0.00987	0.031	0.00000515	25.6	0.0000184	0.000343	0.000426	0.00111
2114 Aug	76.5	0.0749	0.0166	0.00109	18.1	0.0311	6.38	0.00109	0.00109	0.00000547	0.00764	0.00163	0.0105	0.0329	0.00000547	27.2	0.0000196	0.000365	0.000452	0.00118
2114 Sep	75.1	0.0744	0.0162	0.00108	17.7	0.031	6.28	0.00108	0.00108	0.0000054	0.00756	0.0016	0.0104	0.0322	0.0000054	26.6	0.0000192	0.000357	0.000441	0.00116
2114 Oct	72.4	0.0736	0.0154	0.00105	17.1	0.0306	6.07	0.00105	0.00105	0.00000525	0.00738	0.00154	0.0102	0.0309	0.00000525	25.6	0.0000186	0.000343	0.000419	0.00112
2114 Nov	70.1	0.0731	0.0147	0.00102	16.6	0.0304	5.91	0.00102	0.00102	0.00000512	0.00725	0.00149	0.00998	0.0298	0.00000512	24.7	0.000018	0.000331	0.000401	0.0011
2114 Dec	70	0.0733	0.0147	0.00102	16.6	0.0304	5.9	0.00102	0.00102	0.00000512	0.00725	0.00149	0.00999	0.0297	0.00000512	24.7	0.000018	0.00033	0.000399	0.00109
2115 Jan	70	0.0733	0.0147	0.00102	16.6	0.0304	5.91	0.00102	0.00102	0.00000512	0.00726	0.00149	0.00999	0.0297	0.00000512	24.7	0.000018	0.00033	0.0004	0.00109
2115 Feb	70	0.0734	0.0147	0.00102	16.6	0.0304	5.91	0.00102	0.00102	0.00000512	0.00726	0.00149	0.00999	0.0297	0.00000512	24.7	0.000018	0.00033	0.0004	0.0011
2115 Mar	70.1	0.0734	0.0147	0.00102	16.6	0.0305	5.92	0.00102	0.00102	0.00000512	0.00726	0.00149	0.01	0.0298	0.00000512	24.7	0.000018	0.000331	0.0004	0.0011
2115 Apr	70.5	0.0739	0.0148	0.00103	16.7	0.0306	5.95	0.00103	0.00103	0.00000515	0.00731	0.0015	0.0101	0.0299	0.00000515	24.9	0.0000182	0.000333	0.000403	0.0011
2115 May	70.9	0.0736	0.015	0.00103	16.8	0.0303	5.98	0.00103	0.00103	0.00000514	0.00727	0.00151	0.00999	0.0302	0.00000514	25.1	0.0000182	0.000336	0.000409	0.0011
2115 Jun	73.6	0.0754	0.0157	0.00106	17.4	0.0307	6.19	0.00106	0.00106	0.00000528	0.00745	0.00156	0.0102	0.0315	0.00000528	26.1	0.0000188	0.000349	0.000429	0.00114
2115 Jul	77.3	0.0791	0.0165	0.00111	18.3	0.0323	6.5	0.00111	0.00111	0.00000555	0.00784	0.00164	0.0107	0.0331	0.00000555	27.4	0.0000198	0.000367	0.000451	0.0012
2115 Aug	75.5	0.0771	0.016	0.00109	17.9	0.032	6.35	0.00109	0.00109	0.00000546	0.00768	0.00161	0.0106	0.0322	0.00000546	26.7	0.0000192	0.000358	0.000438	0.00117
2115 Sep	75.2	0.077	0.0159	0.00109	17.8	0.0323	6.33	0.00109	0.00109	0.00000547	0.00767	0.0016	0.0107	0.032	0.00000547	26.6	0.0000191	0.000356	0.000433	0.00117
2115 Oct	75.1	0.077	0.0159	0.00109	17.8	0.0323	6.32	0.00109	0.00109	0.00000546	0.00766	0.0016	0.0107	0.032	0.00000546	26.5	0.000019	0.000355	0.000432	0.00117
2115 Nov	73.9	0.0764	0.0156	0.00108	17.5	0.0321	6.23	0.00108	0.00108	0.00000539	0.00758	0.00158	0.0105	0.0314	0.00000539	26.1	0.0000188	0.000349	0.000424	0.00115
2115 Dec	73.8	0.0766	0.0155	0.00108	17.5	0.0321	6.23	0.00108	0.00108	0.00000539	0.00759	0.00157	0.0106	0.0314	0.00000539	26.1	0.0000187	0.000349	0.000422	0.00115
2116 Jan	73.9	0.0766	0.0155	0.00108	17.5	0.0321	6.23	0.00108	0.00108	0.00000539	0.00759	0.00157	0.0106	0.0314	0.00000539	26.1	0.0000187	0.000349	0.000423	0.00115
2116 Feb	73.9	0.0767	0.0155	0.00108	17.5	0.0322	6.24	0.00108	0.00108	0.00000539	0.00759	0.00158	0.0106	0.0314	0.00000539	26.1	0.0000188	0.000349	0.000423	0.00115
2116 Mar	74	0.0768	0.0156	0.00108	17.6	0.0322	6.24	0.00108	0.00108	0.0000054	0.0076	0.00158	0.0106	0.0314	0.0000054	26.1	0.0000188	0.000349	0.000424	0.00115
2116 Apr	74.4	0.0772	0.0156	0.00109	17.7	0.0324	6.28	0.00109	0.00109	0.00000543	0.00764	0.00159	0.0106	0.0316	0.00000543	26.3	0.0000189	0.000351	0.000426	0.00116
2116 May	75.4	0.0776	0.016	0.00109	17.9	0.0322	6.36	0.00109	0.00109	0.00000546	0.00767	0.00161	0.0106	0.0322	0.00000546	26.7	0.0000191	0.000357	0.000436	0.00117
2116 Jun	71.5	0.0701	0.0155	0.00101	16.9	0.0286	5.96	0.00101	0.00101	0.00000506	0.00708	0.00151	0.00972	0.0308	0.00000506	25.4	0.0000182	0.000342	0.000425	0.0011
2116 Jul	75.1	0.0736	0.0163	0.00107	17.7	0.0301	6.26	0.00107	0.00107	0.00000533	0.00745	0.00159	0.0102	0.0323	0.00000533	26.7	0.0000192	0.000359	0.000446	0.00115
2116 Aug	78.7	0.0771	0.0171	0.00112	18.6	0.0315	6.55	0.00112	0.00112	0.00000558	0.00781	0.00167	0.0107	0.0338	0.00000558	28	0.0000201	0.000376	0.000467	0.00121
2116 Sep	75.6	0.0765	0.0162	0.00108	17.9	0.0313	6.33	0.00108	0.00108	0.00000542	0.00764	0.0016	0.0105	0.0323	0.00000542	26.8	0.0000194	0.00036	0.000442	0.00117
2116 Oct	72.2	0.0757	0.0152	0.00105	17.1	0.031	6.09	0.00105	0.00105	0.00000524	0.00744	0.00153	0.0102	0.0307	0.00000524	25.5	0.0000186	0.000342	0.000414	0.00112
2116 Nov	72.1	0.0759	0.0151	0.00105	17.1	0.031	6.08	0.00105	0.00105	0.00000524	0.00745	0.00153	0.0102	0.0306	0.00000524	25.4	0.0000186	0.000341	0.000413	0.00112
2116 Dec	72.1	0.076	0.0151	0.00105	17.1	0.0311	6.09	0.00105	0.00105	0.00000524	0.00745	0.00153	0.0103	0.0306	0.00000524	25.4	0.0000186	0.000341	0.000413	0.00112
2117 Jan	72.1	0.076	0.0151	0.00105	17.1	0.0311	6.09	0.00105	0.00105	0.00000524	0.00745	0.00153	0.0103	0.0306	0.00000524	25.4	0.0000186	0.000341	0.000413	0.00112
2117 Feb	72.1	0.076	0.0151	0.00105	17.1	0.0311	6.09	0.00105	0.00105	0.00000524	0.00745	0.00153	0.0103	0.0306	0.00000524	25.4	0.0000186	0.000341	0.000413	0.00112
2117 Mar	72.2	0.0761	0.0152	0.00105	17.1	0.0311	6.1	0.00105	0.00105	0.00000524	0.00746	0.00153	0.0103	0.0307	0.00000524	25.5	0.0000186	0.000341	0.000414	0.00113
2117 Apr	72.7	0.0766	0.0153	0.00106	17.3	0.0313	6.14	0.00106	0.00106	0.00000528	0.00751	0.00154	0.0103	0.0309	0.00000528	25.7	0.0000187	0.000344	0.000417	0.00113
2117 May	73.9	0.0773	0.0156	0.00107	17.5	0.0314	6.23	0.00107	0.00107	0.00000533	0.00758	0.00157	0.0104	0.0314	0.00000533	26.1	0.000019	0.00035	0.000426	0.00115
2117 Jun	75.2	0.0771	0.0161	0.00107	17.8	0.0309	6.32	0.00107	0.00107	0.00000535	0.00757	0.00159	0.0104	0.0322	0.00000535	26.7	0.0000193	0.000358	0.000442	0.00116
2117 Jul	79.4	0.0814	0.017	0.00113	18.8	0.0327	6.67	0.00113	0.00113	0.00000565	0.008	0.00168	0.0109	0.034	0.00000565	28.2	0.0000204	0.000378	0.000466	0.00123
2117 Aug	81.8	0.0838	0.0175	0.00117	19.4	0.0337	6.87	0.00117	0.00117	0.00000583	0.00825	0.00173	0.0113	0.035	0.00000583	29	0.0000209	0.000389	0.00048	0.00126
2117 Sep	82.9	0.085	0.0177	0.00118	19.6	0.0343	6.96	0.00118	0.00118	0.00000591	0.00837	0.00176	0.0115	0.0355	0.00000591	29.4	0.0000212	0.000394	0.000485	0.00128
2117 Oct	81.7	0.0844	0.0174	0.00117	19.4	0.034	6.87	0.00117	0.00117	0.00000584	0.00828	0.00173	0.0113	0.0349	0.00000584	28.9	0.0000209	0.000388	0.000476	0.00126
2117 Nov	81	0.0841	0.0172	0.00116	19.2	0.0339	6.82	0.00116	0.00116	0.0000058	0.00823	0.00172	0.0113	0.0346	0.0000058	28.7	0.0000208	0.000384	0.000471	0.00125
2117 Dec	80.8	0.0841	0.0171	0.00116	19.2	0.0339	6.81	0.00116	0.00116	0.00000579	0.00823	0.00171	0.0113	0.0345	0.00000579	28.6	0.0000207	0.000383	0.000469	0.00125
2118 Jan	80.8	0.0842	0.0171	0.00116	19.2	0.0339	6.81	0.00116	0.00116	0.00000579	0.00823	0.00171	0.0113	0.0345	0.00000579	28.6	0.0000207	0.000383	0.000469	0.00125
2118 Feb	80.9	0.0842	0.0172	0.00116	19.2	0.0339	6.81	0.00116	0.00116	0.00000579	0.00823	0.00171	0.0113	0.0345	0.00000579	28.6	0.0000207	0.000383	0.00047	0.00125
2118 Mar	80.9	0.0843	0.0172	0.00116	19.2	0.0339	6.82	0.00116	0.00116	0.0000058	0.00823	0.00171	0.0113	0.0345	0.0000058	28.6	0.0000207	0.000384	0.00047	0.00125
2118 Apr	81.3	0.0847	0.0173	0.00116	19.3	0.0341	6.85	0.00116	0.00116	0.00000582	0.00827	0.00172	0.0113	0.0347	0.00000582	28.8	0.0000208	0.000385	0.000473	0.00126
2118 May	81.2	0.0826	0.0175	0.00114	19.3	0.0327	6.82	0.00114	0.00114	0.0000057	0.00806	0.00171	0.011	0.0349	0.0000057	28.9	0.0000207	0.000387	0.000482	0.00125
2118 Jun	77.5	0.0764	0.0171	0.00106	18.4	0.0295	6.47	0.00106	0.00106	0.00000531	0.00747	0.00163	0.0101	0.0337	0.00000531	27.7	0.0000196	0.000372	0.000472	0.00118
2118 Jul	82.5	0.0813	0.0182	0.00113	19.6	0.0314	6.89	0.00113	0.00113	0.00000566	0.00796	0.00174	0.0108	0.0358	0.00000566	29.5	0.0000209	0.000396	0.000503	0.00125
2118 Aug	81.3	0.0802	0.0178	0.00112	19.3	0.0316	6.79	0.00112	0.00112	0.00000562	0.00787	0.00171	0.0108	0.0352	0.00000562	29	0.0000204	0.000389	0.000491	0.00124
2118 Sep	76.2	0.0778	0.0164	0.00107	18.1	0.031	6.41	0.00107	0.00107	0.00000535	0.00754	0.00161	0.0104	0.0327	0.00000535	27.1	0.0000191	0.000363	0.00045	0.00117
2118 Oct	73.2	0.0768	0.0155	0.00104	17.4	0.0306	6.18	0.00104	0.00104	0.00000519	0.00736	0.00155	0.0102	0.0313	0.00000519	26	0.0000185	0.000347	0.000427	0.00113
2118 Nov	72.4	0.0768	0.0153	0.00103	17.3	0.0306	6.13	0.00103	0.00103	0.00000515	0.00733	0.00153	0.0101	0.0309	0.00000515	25.6	0.0000183	0.000343	0.00042	0.00112
2118 Dec	72.4	0.0768	0.0153	0.00103	17.3	0.0306	6.13	0.00103	0.00103	0.00000515	0.00733	0.00153	0.0101	0.0309	0.00000515	25.6	0.0000183	0.000343	0.00042	0.00112
2119 Jan	72.4	0.0769	0.0153	0.00103	17.3	0.0306	6.13	0.00103	0.00103	0.00000515	0.00733	0.00153	0.0101	0.0309	0.00000515	25.7	0.0000183	0.000343	0.00042	0.00112
2119 Feb	72.5	0.0769	0.0153	0.00103	17.3	0.0306	6.13	0.00103	0.00103	0.00000516	0.00734	0.00153	0.0101	0.0309	0.00000516	25.7	0.0000183	0.000343	0.00042	0.00112
2119 Mar	72.6	0.0771	0.0153	0.00103	17.3	0.0307	6.15	0.00103	0.00103	0.00000517	0.00735	0.00153	0.0101	0.031	0.00000517	25.7	0.0000183	0.000344	0.000421	0.00112
2119 Apr	73.5	0.0779	0.0155	0.00104	17.5	0.0309	6.22	0.00104	0.00104	0.00000521	0.00741	0.00155	0.0102	0.0314	0.00000521	26	0.0000185	0.000348	0.000427	0.00114
2119 May	73.9	0.0763	0.016	0.00101	17.7	0.0292	6.24	0.00101	0.00101	0.00000505	0.00713	0.00155	0.00976	0.032	0.00000505	26.4	0.0000182	0.000352	0.000445	0.00113
2119 Jun	73.1	0.0746	0.0159	0.000998	17.4	0.0286	6.15	0.000998	0.000998	0.00000499	0.00704	0.00153	0.00962	0.0316	0.00000499	26.1	0.0000181	0.000348	0.000441	0.00111
2119 Jul	77.1	0.0785	0.0168	0.00106	18.4	0.0303	6.48	0.00106	0.00106	0.00000529	0.00747	0.00162	0.0102	0.0334	0.00000529	27.5	0.0000192	0.000367	0.000464	0.00118
2119 Aug	78.8	0.0802	0.0171	0.00109	18.8	0.0313	6.63	0.00109	0.00109	0.00000544	0.00765	0.00166	0.0105	0.034	0.00000544	28.1	0.0000195	0.000375	0.000472	0.0012
2119 Sep	76.4	0.0785	0.0165	0.00106	18.2	0.0309	6.44	0.00106	0.00106	0.00000531	0.00748	0.00161	0.0103	0.0329	0.00000531	27.2	0.0000189	0.000363	0.000454	0.00117
2119 Oct	74.3	0.0776	0.0159	0.00104	17.7	0.0306	6.29	0.00104	0.00104	0.0000052	0.00735	0.00157	0.0102	0.0319	0.0000052	26.4	0.0000184	0.000353	0.000438	0.00114
2119 Nov	73.1	0.0776	0.0155	0.00103	17.5	0.0306	6.2	0.00103	0.00103	0.00000514	0.0073	0.00154	0.0101	0.0313	0.00000514	26	0.0000182	0.000346	0.000428	0.00113
2119 Dec	73.1	0.0777	0.0155	0.00103	17.5	0.0306	6.2	0.00103	0.00103	0.00000514	0.0073	0.00154	0.0101	0.0313	0.00000514	26	0.0000182	0.000346	0.000427	0.00113

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0525	0.00000962	1.31	2.28	0.0305	0.000268	6.22	0.00125	0.0487	0.000179	0.000156	0.0000638	0.0914	0.00000203	0.0000821	0.000572	0.00165	0.00000144
Operation (2026-2036): Mean	0.0606	0.0000116	1.79	3.28	0.0412	0.000453	14.1	0.00251	0.0529	0.000262	0.000249	0.0000906	0.125	0.00000277	0.000197	0.000646	0.00196	0.000009
Operation (2026-2036): Max	0.0703	0.0000144	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.0612	0.000374	0.000363	0.000139	0.187	0.00000359	0.000412	0.000774	0.00238	0.000025
Active Closure (2037-2043): Min	0.043	0.00000946	0.885	1.28	0.0124	0.000143	2.81	0.000953	0.0435	0.0000785	0.0000859	0.000043	0.0524	0.00000189	0.0000497	0.000242	0.0014	3.71E-11
Active Closure (2037-2043): Mean	0.0682	0.0000104	1.38	2.52	0.0448	0.000263	5.03	0.00133	0.0531	0.000358	0.000176	0.0000727	0.1	0.00000208	0.0000723	0.000667	0.00177	0.000000219
Active Closure (2037-2043): Max	0.117	0.0000116	2.18	4.62	0.104	0.000462	7.91	0.00191	0.0647	0.00089	0.000237	0.00013	0.18	0.00000232	0.0000973	0.00126	0.00205	0.00000144
Post Closure (2044-2119): Min	0.0529	0.00000889	1.09	1.75	0.0282	0.000164	3.47	0.0011	0.0474	0.000215	0.000131	0.0000557	0.0708	0.00000178	0.0000576	0.000549	0.00142	2.41E-18
Post Closure (2044-2119): Mean	0.0804	0.0000107	1.58	3.02	0.0596	0.000262	5.48	0.00145	0.0563	0.00049	0.000192	0.0000869	0.12	0.00000214	0.0000727	0.000823	0.00186	2.43E-12
Post Closure (2044-2119): Max	0.103	0.0000128	1.99	3.97	0.0837	0.000366	7.02	0.00179	0.0683	0.000697	0.000264	0.000112	0.156	0.00000256	0.00009	0.00109	0.00237	3.89E-11
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0.0602	0.00000962	1.37	2.28	0.0411	0.000268	7.21	0.00125	0.0498	0.000285	0.000156	0.0000638	0.114	0.00000353	0.0000821	0.000574	0.00165	0.0000246
2026 Feb	0.0602	0.00000962	1.37	2.28	0.0412	0.000268	7.21	0.00125	0.0498	0.000286	0.000156	0.0000638	0.114	0.00000353	0.0000821	0.000574	0.00165	0.0000246
2026 Mar	0.0603	0.00000962	1.37	2.28	0.0412	0.000268	7.21	0.00125	0.0498	0.000286	0.000156	0.0000639	0.114	0.00000354	0.0000822	0.000574	0.00165	0.0000246
2026 Apr	0.0604	0.00000965	1.37	2.29	0.0413	0.000269	7.24	0.00125	0.05	0.000287	0.000157	0.0000641	0.114	0.00000355	0.0000824	0.000576	0.00166	0.0000247
2026 May	0.0612	0.00000977	1.39	2.32	0.0419	0.000272	7.32	0.00127	0.0506	0.00029	0.000159	0.0000648	0.116	0.00000359	0.0000834	0.000583	0.00167	0.000025
2026 Jun	0.059	0.00001	1.49	2.57	0.0409	0.000321	8.84	0.00165	0.0495	0.000275	0.000184	0.0000716	0.117	0.0000033	0.000119	0.000588	0.00171	0.0000206
2026 Jul	0.0607	0.0000105	1.56	2.73	0.0423	0.000344	9.52	0.00179	0.051	0.000282	0.000196	0.0000759	0.122	0.00000337	0.000132	0.00061	0.00178	0.0000205
2026 Aug	0.0619	0.0000107	1.6	2.78	0.043	0.000352	9.7	0.00183	0.0522	0.000287	0.0002	0.0000774	0.124	0.00000343	0.000135	0.00062	0.00182	0.0000208
2026 Sep	0.0629	0.0000108	1.62	2.82	0.0436	0.000357	9.84	0.00186	0.053	0.000291	0.000202	0.0000785	0.126	0.00000349	0.000137	0.000629	0.00185	0.0000211
2026 Oct	0.0622	0.0000108	1.6	2.79	0.0429	0.000357	9.7	0.00183	0.0526	0.000286	0.000199	0.0000775	0.124	0.00000344	0.000135	0.000619	0.00182	0.0000207
2026 Nov	0.0624	0.0000108	1.61	2.8	0.043	0.000359	9.72	0.00184	0.0528	0.000286	0.000199	0.0000777	0.125	0.00000345	0.000135	0.00062	0.00183	0.0000207
2026 Dec	0.0624	0.0000108	1.61	2.8	0.043	0.000359	9.72	0.00184	0.0528	0.000286	0.000199	0.0000777	0.125	0.00000345	0.000135	0.00062	0.00183	0.0000207
2027 Jan	0.0624	0.0000108	1.61	2.8	0.043	0.000359	9.72	0.00184	0.0528	0.000286	0.000199	0.0000777	0.125	0.00000345	0.000135	0.00062	0.00183	0.0000207
2027 Feb	0.0624	0.0000108	1.61	2.8	0.043	0.000359	9.72	0.00184	0.0528	0.000286	0.000199	0.0000777	0.125	0.00000345	0.000135	0.000621	0.00183	0.0000207
2027 Mar	0.0625	0.0000108	1.61	2.8	0.043	0.000359	9.73	0.00184	0.0529	0.000286	0.000199	0.0000778	0.125	0.00000345	0.000135	0.000621	0.00183	0.0000207
2027 Apr	0.0628	0.0000109	1.62	2.82	0.0433	0.000361	9.78	0.00185	0.0531	0.000288	0.0002	0.0000781	0.125	0.00000347	0.000136	0.000624	0.00184	0.0000208
2027 May	0.0638	0.000011	1.64	2.86	0.0439	0.000367	9.93	0.00187	0.0539	0.000292	0.000203	0.0000793	0.127	0.00000352	0.000138	0.000634	0.00187	0.0000211
2027 Jun	0.0599	0.000012	2.17	4.11	0.047	0.0006	21.2	0.0034	0.0512	0.000267	0.000281	0.00011	0.155	0.0000033	0.000288	0.000659	0.00192	0.0000176
2027 Jul	0.0599	0.000013	2.59	5.07	0.0509	0.000773	29.1	0.00449	0.0514	0.000263	0.00034	0.000133	0.179	0.0000033	0.000395	0.0007	0.00201	0.0000164
2027 Aug	0.0626	0.0000136	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.0537	0.000275	0.000354	0.000139	0.187	0.00000344	0.000412	0.00073	0.0021	0.0000171
2027 Sep	0.0624	0.0000136	2.69	5.26	0.0527	0.000804	30.1	0.00465	0.0536	0.000272	0.000351	0.000138	0.186	0.00000343	0.000409	0.000724	0.00209	0.0000169
2027 Oct	0.0618	0.0000134	2.66	5.19	0.052	0.000797	29.7	0.00459	0.0533	0.000269	0.000346	0.000136	0.184	0.00000339	0.000403	0.000715	0.00207	0.0000167
2027 Nov	0.0617	0.0000134	2.66	5.18	0.0519	0.000796	29.7	0.00458	0.0533	0.000268	0.000345	0.000136	0.184	0.00000339	0.000402	0.000714	0.00206	0.0000166
2027 Dec	0.0617	0.0000134	2.65	5.18	0.0518	0.000795	29.6	0.00458	0.0533	0.000268	0.000345	0.000136	0.183	0.00000339	0.000402	0.000713	0.00206	0.0000166
2028 Jan	0.0617	0.0000134	2.65	5.18	0.0518	0.000795	29.6	0.00458	0.0533	0.000268	0.000345	0.000136	0.183	0.00000339	0.000402	0.000713	0.00206	0.0000166
2028 Feb	0.0618	0.0000134	2.65	5.18	0.0519	0.000795	29.6	0.00458	0.0533	0.000268	0.000345	0.000136	0.183	0.00000339	0.000402	0.000714	0.00206	0.0000166
2028 Mar	0.0618	0.0000134	2.65	5.18	0.0519	0.000795	29.6	0.00458	0.0533	0.000268	0.000345	0.000136	0.184	0.00000339	0.000402	0.000714	0.00206	0.0000166
2028 Apr	0.062	0.0000135	2.66	5.2	0.0521	0.000797	29.7	0.00459	0.0534	0.000269	0.000346	0.000136	0.184	0.00000339	0.000403	0.000716	0.00207	0.0000166
2028 May	0.0627	0.0000136	2.69	5.25	0.0527	0.000806	30	0.00464	0.054	0.000272	0.00035	0.000138	0.186	0.00000343	0.000407	0.000724	0.00209	0.0000168
2028 Jun	0.0599	0.0000131	2.49	4.83	0.0486	0.000734	27.2	0.00426	0.0524	0.000253	0.000334	0.000128	0.171	0.00000326	0.000371	0.000694	0.00206	0.0000151
2028 Jul	0.0601	0.0000132	2.45	4.72	0.0477	0.000713	26.4	0.00416	0.0531	0.00025	0.000335	0.000126	0.168	0.00000325	0.00036	0.000696	0.0021	0.0000146
2028 Aug	0.0646	0.0000142	2.64	5.07	0.0513	0.000766	28.3	0.00447	0.057	0.000269	0.00036	0.000135	0.181	0.00000349	0.000387	0.000748	0.00226	0.0000157
2028 Sep	0.0655	0.0000144	2.67	5.13	0.0519	0.000778	28.7	0.00452	0.058	0.000271	0.000363	0.000137	0.183	0.00000354	0.000391	0.000757	0.00229	0.0000158
2028 Oct	0.0616	0.0000135	2.46	4.7	0.0469	0.000733	25.9	0.0041	0.0555	0.000244	0.000326	0.000125	0.168	0.0000033	0.000355	0.000688	0.00211	0.0000141
2028 Nov	0.0616	0.0000135	2.45	4.69	0.0467	0.000733	25.7	0.00409	0.0557	0.000242	0.000324	0.000124	0.168	0.00000329	0.000354	0.000686	0.00211	0.000014
2028 Dec	0.0617	0.0000135	2.45	4.69	0.0467	0.000734	25.7	0.00408	0.0558	0.000242	0.000324	0.000124	0.168	0.00000329	0.000353	0.000686	0.00211	0.000014
2029 Jan	0.0617	0.0000135	2.45	4.69	0.0467	0.000734	25.7	0.00408	0.0558	0.000242	0.000323	0.000124	0.168	0.00000329	0.000353	0.000686	0.00211	0.000014
2029 Feb	0.0617	0.0000135	2.45	4.69	0.0468	0.000733	25.7	0.00408	0.0558	0.000242	0.000323	0.000124	0.168	0.00000329	0.000353	0.000686	0.00211	0.000014
2029 Mar	0.0618	0.0000135	2.45	4.69	0.0468	0.000733	25.7	0.00408	0.0558	0.000243	0.000324	0.000124	0.168	0.00000329	0.000353	0.000687	0.00211	0.000014
2029 Apr	0.0619	0.0000135	2.46	4.7	0.0469	0.000734	25.8	0.00409	0.0559	0.000243	0.000324	0.000124	0.168	0.0000033	0.000354	0.000688	0.00211	0.000014
2029 May	0.0626	0.0000137	2.48	4.75	0.0474	0.000742	26	0.00413	0.0565	0.000246	0.000327	0.000126	0.17	0.00000333	0.000357	0.000695	0.00214	0.0000142
2029 Jun	0.0618	0.0000136	2.38	4.51	0.0454	0.000698	24.4	0.00392	0.0564	0.000237	0.000324	0.00012	0.162	0.00000327	0.000336	0.00069	0.00217	0.0000132
2029 Jul	0.0534	0.0000119	1.89	3.45	0.0355	0.000515	17.8	0.003	0.0505	0.000192	0.000283	0.000095	0.126	0.00000278	0.000249	0.000604	0.00203	0.00000925
2029 Aug	0.0555	0.0000124	1.96	3.59	0.0369	0.000535	18.4	0.00311	0.0525	0.000199	0.000293	0.0000987	0.13	0.00000289	0.000258	0.000626	0.0021	0.00000959
2029 Sep	0.0565	0.0000126	1.99	3.64	0.0374	0.000545	18.7	0.00316	0.0534	0.000202	0.000297	0.0001	0.133	0.00000294	0.000262	0.000635	0.00214	0.00000973
2029 Oct	0.056	0.0000125	1.97	3.6	0.0369	0.000541	18.4	0.00312	0.053	0.000199	0.000293	0.000099	0.131	0.00000291	0.000258	0.000627	0.00211	0.00000958
2029 Nov	0.0543	0.0000121	1.9	3.47	0.0353	0.000529	17.6	0.00299	0.0518	0.000189	0.000279	0.000095	0.126	0.00000281	0.000248	0.0006	0.00204	0.00000909
2029 Dec	0.0543	0.0000121	1.9	3.46	0.0352	0.000529	17.6	0.00298	0.0519	0.000189	0.000278	0.0000949	0.126	0.00000281	0.000247	0.0006	0.00203	0.00000907
2030 Jan	0.0544	0.0000121	1.9	3.46	0.0353	0.000529	17.6	0.00298	0.0519	0.000189	0.000278	0.0000949	0.126	0.00000281	0.000247	0.0006	0.00203	0.00000906
2030 Feb	0.0544	0.0000121	1.9	3.47	0.0354	0.000529	17.6	0.00298	0.0519	0.000189	0.000278	0.0000949	0.126	0.00000281	0.000247	0.0006	0.00203	0.00000906
2030 Mar	0.0545	0.0000121	1.9	3.47	0.0354	0.000529	17.6	0.00298	0.0519	0.00019	0.000278	0.000095	0.127	0.00000281	0.000247	0.000601	0.00203	0.00000907
2030 Apr	0.0546	0.0000122	1.9	3.48	0.0355	0.00053	17.6	0.00299	0.052	0.00019	0.000278	0.0000952	0.127	0.00000282	0.000248	0.000603	0.00204	0.00000908
2030 May	0.0555	0.0000124	1.93	3.53	0.0361	0.000538	17.9	0.00304	0.0529	0.000193	0.000283	0.0000967	0.129	0.00000286	0.000251	0.000612	0.00207	0.00000922
2030 Jun	0.0541	0.0000121	1.83	3.31	0.0341	0.000498	16.5	0.00285	0.052	0.000185	0.000277	0.0000916	0.121	0.00000278	0.000233	0.000601	0.00207	0.00000838
2030 Jul	0.0531	0.000012	1.76	3.15	0.0327	0.000467	15.4	0.0027	0.0515	0.000179	0.000273	0.0000879	0.116	0.00000272	0.000219	0.000592	0.00207	0.00000773
2030 Aug	0.055	0.0000124	1.82	3.25	0.0337	0.000483	15.9	0.00279	0.0532	0.000184	0.000282	0.0000907	0.119	0.00000281	0.000226	0.00061	0.00214	0.00000796
2030 Sep	0.0568	0.0000128	1.88	3.35	0.0348	0.000499	16.4	0.00288	0.055	0.00019	0.000291	0.0000937	0.123	0.0000029	0.000233	0.00063	0.00221	0.00000822
2030 Oct	0.0564	0.0000127	1.86	3.33	0.0345	0.000496	16.2	0.00286	0.0547	0.000188	0.000288	0.0000929	0.123	0.00000288	0.000231	0.000624	0.00219	0.00000813
2030 Nov	0.0559	0.0000126	1.84	3.29	0.034	0.000494	16	0.00282	0.0543	0.000186	0.000284	0.0000918	0.121	0.00000285	0.000228	0.000616	0.00216	0.000008
2030 Dec	0.0559	0.0000126	1.84	3.29	0.034	0.000494	16	0.00282	0.0544	0.000185	0.000283	0.0000917	0.121	0.00000285	0.000228	0.000616	0.00216	0.00000799
2031 Jan	0.056	0.0000126	1.84	3.29	0.034	0.000494	16	0.00282	0.0544	0.000185	0.000283	0.0000917	0.121	0.00000285	0.000228	0.000616	0.00216	0.00000798

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.056	0.0000126	1.84	3.29	0.0341	0.000494	16	0.00282	0.0544	0.000186	0.000283	0.0000917	0.121	0.00000285	0.000228	0.000616	0.00216	0.00000798
2031 Mar	0.0561	0.0000126	1.84	3.29	0.0341	0.000494	16	0.00282	0.0544	0.000186	0.000283	0.0000918	0.121	0.00000285	0.000228	0.000617	0.00216	0.00000798
2031 Apr	0.0564	0.0000126	1.85	3.31	0.0343	0.000497	16.1	0.00283	0.0547	0.000187	0.000285	0.0000923	0.122	0.00000287	0.000229	0.00062	0.00217	0.00000802
2031 May	0.058	0.0000129	1.89	3.39	0.0356	0.000504	16.3	0.00288	0.0558	0.000197	0.00029	0.0000944	0.125	0.00000292	0.000232	0.000638	0.00221	0.00000811
2031 Jun	0.063	0.0000123	1.86	3.42	0.0426	0.000454	14.8	0.00268	0.055	0.000273	0.000278	0.0000956	0.127	0.00000276	0.000208	0.000697	0.00214	0.00000693
2031 Jul	0.0672	0.0000132	1.99	3.64	0.0454	0.000484	15.8	0.00285	0.0587	0.000291	0.000297	0.000102	0.136	0.00000294	0.000221	0.000744	0.00229	0.00000737
2031 Aug	0.0701	0.0000137	2.07	3.8	0.0473	0.000505	16.4	0.00297	0.0612	0.000303	0.000309	0.000106	0.141	0.00000307	0.00023	0.000774	0.00238	0.00000767
2031 Sep	0.0688	0.0000135	2.03	3.71	0.046	0.000501	16	0.0029	0.0605	0.000294	0.000299	0.000104	0.138	0.00000301	0.000225	0.000753	0.00233	0.00000742
2031 Oct	0.065	0.0000128	1.9	3.46	0.0421	0.000487	14.7	0.00268	0.0581	0.000267	0.000272	0.0000961	0.129	0.00000284	0.000208	0.000692	0.00217	0.00000671
2031 Nov	0.0648	0.0000128	1.89	3.44	0.0417	0.000489	14.6	0.00266	0.0581	0.000263	0.000268	0.0000954	0.129	0.00000283	0.000207	0.000686	0.00216	0.00000661
2031 Dec	0.0648	0.0000128	1.89	3.44	0.0416	0.00049	14.6	0.00265	0.0582	0.000263	0.000268	0.0000953	0.129	0.00000283	0.000206	0.000685	0.00216	0.0000066
2032 Jan	0.0648	0.0000128	1.89	3.44	0.0416	0.00049	14.5	0.00265	0.0582	0.000263	0.000268	0.0000953	0.129	0.00000283	0.000206	0.000685	0.00215	0.00000659
2032 Feb	0.0649	0.0000128	1.89	3.44	0.0417	0.00049	14.5	0.00265	0.0582	0.000263	0.000268	0.0000953	0.129	0.00000283	0.000206	0.000686	0.00215	0.00000659
2032 Mar	0.0649	0.0000128	1.89	3.45	0.0418	0.00049	14.6	0.00265	0.0582	0.000264	0.000268	0.0000954	0.129	0.00000283	0.000206	0.000686	0.00216	0.00000659
2032 Apr	0.0652	0.0000128	1.9	3.46	0.042	0.000492	14.6	0.00266	0.0584	0.000265	0.000269	0.0000957	0.129	0.00000284	0.000207	0.000689	0.00216	0.00000662
2032 May	0.0664	0.0000131	1.94	3.53	0.0428	0.000501	14.9	0.00271	0.0595	0.00027	0.000274	0.0000975	0.132	0.00000289	0.000211	0.000702	0.0022	0.00000674
2032 Jun	0.0597	0.0000121	1.68	2.97	0.0363	0.000409	12.1	0.0023	0.055	0.000231	0.000257	0.0000843	0.112	0.00000264	0.000174	0.000643	0.00212	0.00000525
2032 Jul	0.0525	0.0000108	1.43	2.49	0.0305	0.000334	9.78	0.00194	0.0493	0.000195	0.000233	0.0000719	0.0944	0.00000234	0.000143	0.000572	0.00195	0.0000041
2032 Aug	0.0535	0.0000111	1.46	2.53	0.0308	0.000342	9.91	0.00197	0.0503	0.000197	0.000235	0.0000732	0.096	0.00000239	0.000145	0.000578	0.00198	0.00000413
2032 Sep	0.0545	0.0000113	1.49	2.57	0.0314	0.00035	10.1	0.00201	0.0513	0.0002	0.000239	0.0000746	0.0979	0.00000244	0.000147	0.000587	0.00202	0.00000419
2032 Oct	0.0548	0.0000114	1.49	2.59	0.0315	0.000353	10.1	0.00201	0.0516	0.0002	0.00024	0.0000749	0.0984	0.00000245	0.000148	0.000589	0.00202	0.0000042
2032 Nov	0.0547	0.0000113	1.49	2.58	0.0313	0.000354	10.1	0.00201	0.0516	0.000199	0.000238	0.0000747	0.0982	0.00000245	0.000148	0.000586	0.00202	0.00000418
2032 Dec	0.0544	0.0000113	1.48	2.56	0.031	0.000355	9.98	0.00199	0.0515	0.000196	0.000235	0.000074	0.0975	0.00000243	0.000146	0.00058	0.002	0.00000411
2033 Jan	0.0545	0.0000113	1.48	2.56	0.031	0.000356	9.97	0.00199	0.0515	0.000197	0.000234	0.0000739	0.0976	0.00000243	0.000146	0.00058	0.002	0.0000041
2033 Feb	0.0546	0.0000113	1.48	2.57	0.0311	0.000356	9.98	0.00199	0.0515	0.000197	0.000234	0.000074	0.0978	0.00000243	0.000146	0.000581	0.002	0.0000041
2033 Mar	0.0547	0.0000113	1.49	2.57	0.0313	0.000356	9.99	0.00199	0.0516	0.000198	0.000235	0.0000741	0.098	0.00000243	0.000146	0.000582	0.002	0.00000411
2033 Apr	0.0551	0.0000114	1.5	2.59	0.0315	0.000358	10.1	0.002	0.0519	0.000199	0.000236	0.0000746	0.0987	0.00000245	0.000147	0.000586	0.00201	0.00000413
2033 May	0.0592	0.0000114	1.55	2.74	0.0364	0.000353	10	0.00201	0.0528	0.000245	0.000238	0.0000786	0.104	0.00000245	0.000145	0.000634	0.00202	0.00000393
2033 Jun	0.0601	0.0000105	1.48	2.68	0.0402	0.000305	8.84	0.00182	0.0496	0.000291	0.000222	0.0000771	0.103	0.00000223	0.000125	0.000652	0.00188	0.00000315
2033 Jul	0.0618	0.0000108	1.51	2.75	0.0412	0.000313	9.05	0.00187	0.0511	0.000298	0.000229	0.0000791	0.105	0.0000023	0.000128	0.00067	0.00194	0.00000322
2033 Aug	0.0649	0.0000114	1.59	2.88	0.0433	0.000329	9.5	0.00197	0.0536	0.000313	0.00024	0.0000831	0.111	0.00000241	0.000135	0.000703	0.00204	0.00000338
2033 Sep	0.0639	0.0000112	1.57	2.84	0.0423	0.000328	9.33	0.00193	0.0531	0.000306	0.000235	0.0000816	0.109	0.00000238	0.000132	0.000688	0.002	0.00000329
2033 Oct	0.0593	0.0000105	1.45	2.62	0.038	0.000326	8.5	0.00177	0.0505	0.000271	0.000208	0.0000745	0.101	0.00000223	0.000122	0.00062	0.00183	0.00000291
2033 Nov	0.0591	0.0000105	1.45	2.61	0.0376	0.000329	8.44	0.00176	0.0505	0.000268	0.000206	0.000074	0.1	0.00000222	0.000122	0.000614	0.00182	0.00000287
2033 Dec	0.0591	0.0000105	1.45	2.61	0.0376	0.000329	8.44	0.00176	0.0505	0.000268	0.000206	0.000074	0.1	0.00000222	0.000122	0.000614	0.00182	0.00000287
2034 Jan	0.0592	0.0000105	1.45	2.61	0.0376	0.00033	8.44	0.00176	0.0505	0.000268	0.000206	0.000074	0.1	0.00000222	0.000122	0.000614	0.00182	0.00000287
2034 Feb	0.0592	0.0000105	1.45	2.61	0.0376	0.00033	8.44	0.00176	0.0505	0.000268	0.000206	0.000074	0.1	0.00000222	0.000122	0.000614	0.00182	0.00000287
2034 Mar	0.0592	0.0000105	1.45	2.61	0.0376	0.00033	8.45	0.00176	0.0505	0.000268	0.000206	0.0000741	0.1	0.00000222	0.000122	0.000615	0.00182	0.00000287
2034 Apr	0.0595	0.0000106	1.46	2.62	0.0378	0.000331	8.49	0.00176	0.0508	0.000269	0.000207	0.0000744	0.101	0.00000223	0.000122	0.000618	0.00183	0.00000288
2034 May	0.0614	0.0000107	1.49	2.7	0.0396	0.000334	8.61	0.00179	0.0517	0.000285	0.00021	0.0000765	0.104	0.00000227	0.000124	0.000639	0.00186	0.00000288
2034 Jun	0.066	0.0000104	1.52	2.84	0.0466	0.000309	8.24	0.00175	0.0512	0.000353	0.000208	0.0000806	0.11	0.00000218	0.000115	0.000699	0.00182	0.00000246
2034 Jul	0.0664	0.0000105	1.53	2.85	0.0465	0.00031	8.25	0.00175	0.0515	0.000353	0.000209	0.0000808	0.11	0.0000022	0.000115	0.000699	0.00183	0.00000245
2034 Aug	0.0703	0.0000111	1.62	3.02	0.0492	0.000329	8.73	0.00186	0.0546	0.000374	0.000221	0.0000856	0.116	0.00000233	0.000122	0.000739	0.00194	0.0000026
2034 Sep	0.0691	0.000011	1.59	2.96	0.0479	0.00033	8.55	0.00182	0.054	0.000363	0.000215	0.0000838	0.114	0.0000023	0.00012	0.000721	0.0019	0.00000252
2034 Oct	0.0654	0.0000105	1.51	2.8	0.0444	0.000328	8.04	0.00171	0.0521	0.000334	0.000198	0.0000787	0.108	0.0000022	0.000114	0.00067	0.00179	0.00000231
2034 Nov	0.0655	0.0000105	1.51	2.8	0.0443	0.000331	8.03	0.00171	0.0523	0.000333	0.000197	0.0000786	0.108	0.0000022	0.000114	0.000668	0.00179	0.0000023
2034 Dec	0.0655	0.0000105	1.51	2.8	0.0443	0.000331	8.03	0.00171	0.0523	0.000332	0.000197	0.0000786	0.108	0.0000022	0.000114	0.000668	0.00179	0.0000023
2035 Jan	0.0655	0.0000105	1.51	2.8	0.0443	0.000331	8.03	0.00171	0.0523	0.000332	0.000197	0.0000786	0.108	0.0000022	0.000114	0.000668	0.00179	0.0000023
2035 Feb	0.0655	0.0000105	1.51	2.8	0.0443	0.000331	8.03	0.00171	0.0523	0.000333	0.000197	0.0000786	0.108	0.0000022	0.000114	0.000668	0.00179	0.0000023
2035 Mar	0.0655	0.0000105	1.51	2.8	0.0443	0.000331	8.03	0.00171	0.0523	0.000333	0.000197	0.0000786	0.108	0.0000022	0.000114	0.000669	0.00179	0.0000023
2035 Apr	0.0658	0.0000106	1.52	2.81	0.0445	0.000332	8.06	0.00172	0.0525	0.000334	0.000198	0.0000789	0.109	0.00000221	0.000114	0.000671	0.0018	0.00000231
2035 May	0.0671	0.0000108	1.55	2.86	0.0454	0.000338	8.21	0.00175	0.0535	0.000341	0.000201	0.0000804	0.111	0.00000225	0.000116	0.000684	0.00183	0.00000235
2035 Jun	0.0635	0.0000101	1.43	2.63	0.0431	0.00029	7.18	0.00159	0.0502	0.000329	0.000196	0.000075	0.102	0.0000021	0.000101	0.000662	0.00177	0.00000187
2035 Jul	0.0638	0.0000103	1.43	2.63	0.043	0.000289	7.16	0.0016	0.0508	0.000328	0.0002	0.0000752	0.102	0.00000213	0.000102	0.000667	0.0018	0.00000185
2035 Aug	0.0659	0.0000106	1.48	2.72	0.0444	0.000299	7.39	0.00165	0.0524	0.000338	0.000206	0.0000776	0.106	0.0000022	0.000105	0.000687	0.00186	0.00000191
2035 Sep	0.0627	0.0000102	1.41	2.58	0.0415	0.000298	7.01	0.00157	0.0506	0.000314	0.000192	0.0000736	0.101	0.00000212	0.0001	0.000643	0.00177	0.00000177
2035 Oct	0.0615	0.00001	1.39	2.53	0.0404	0.000297	6.86	0.00153	0.0499	0.000305	0.000186	0.0000719	0.0986	0.00000208	0.0000984	0.000626	0.00173	0.00000171
2035 Nov	0.0603	0.00000987	1.36	2.48	0.0393	0.000296	6.71	0.0015	0.0492	0.000296	0.000181	0.0000703	0.0967	0.00000204	0.0000967	0.00061	0.00169	0.00000166
2035 Dec	0.0603	0.00000988	1.36	2.48	0.0392	0.000297	6.71	0.0015	0.0492	0.000295	0.00018	0.0000703	0.0966	0.00000205	0.0000967	0.000609	0.00169	0.00000166
2036 Jan	0.0603	0.00000988	1.36	2.48	0.0392	0.000297	6.71	0.0015	0.0492	0.000295	0.00018	0.0000703	0.0967	0.00000204	0.0000967	0.000609	0.00169	0.00000166
2036 Feb	0.0603	0.00000988	1.36	2.48	0.0393	0.000297	6.71	0.0015	0.0492	0.000296	0.00018	0.0000703	0.0967	0.00000205	0.0000967	0.00061	0.00169	0.00000166
2036 Mar	0.0603	0.00000988	1.36	2.48	0.0393	0.000297	6.71	0.0015	0.0492	0.000296	0.00018	0.0000703	0.0968	0.00000205	0.0000967	0.00061	0.00169	0.00000166
2036 Apr	0.0606	0.00000992	1.37	2.49	0.0395	0.000299	6.74	0.00151	0.0495	0.000297	0.000181	0.0000706	0.0972	0.00000205	0.0000971	0.000613	0.0017	0.00000166
2036 May	0.0618	0.0000101	1.39	2.54	0.0403	0.000304	6.87	0.00154	0.0504	0.000303	0.000184	0.000072	0.0991	0.00000209	0.0000989	0.000625	0.00173	0.00000169
2036 Jun	0.0587	0.00000983	1.32	2.37	0.0374	0.00028	6.35	0.00145	0.0487	0.00028	0.000183	0.0000679	0.0926	0.00000203	0.0000925	0.0006	0.00172	0.00000151
2036 Jul	0.0584	0.00000992	1.31	2.33	0.0366	0.000274	6.22	0.00144	0.0489	0.000274	0.000186	0.0000673	0.0914	0.00000205	0.0000913	0.000598	0.00174	0.00000146
2036 Aug	0.0612	0.0000104	1.37	2.45	0.0383	0.000288	6.52	0.00151	0.0513	0.000287	0.000195	0.0000705	0.0958	0.00000215	0.0000956	0.000626	0.00183	0.00000152
2036 Sep	0.0613	0.0000104	1.37	2.45	0.0383	0.000289	6.53	0.00152	0.0514	0.000287	0.000195	0.0000706	0.0959	0.00000215	0.0000958	0.000626	0.00183	0.00000152
2036 Oct	0.06	0.0000102	1.35	2.4	0.0372	0.00029	6.38	0.00148	0.0507	0.000277	0.000188	0.0000689	0.0939	0.00000211	0.000094	0.000608	0.00178	0.00000147
2036 Nov	0.0596	0.0000102	1.34	2.38	0.0367	0.000291	6.33	0.00147	0.0505	0.000274	0.000186	0.0000683	0.0933	0.0000021	0.0000935	0.000601	0.00177	0.00000145
2036 Dec	0.0594	0.0000102	1.33	2.37	0.0365	0.000293	6.3	0.00146	0.0504	0.000271	0.000184	0.0000679	0.093	0.0000021	0.0000933	0.000597	0.00176	0.00000144
2037 Jan	0.0594	0.0000102	1.33	2.37	0.0365	0.000293	6.3	0.00146	0.0504	0.000271	0.000184	0.0000679	0.093	0.0000021	0.0000933	0.000597	0.00176	0.00000143
2037 Feb	0.0595	0.0000102	1.34	2.38	0.0366	0.000293	6.31	0.00146	0.0505	0.000272	0.000184	0.000068	0.0931	0.0000021	0.0000933	0.000598	0.00176	0.00000143
2037 Mar	0.0596	0.0000102	1.34	2.38	0.0367	0.000293	6.32	0.00146	0.0505	0.000272	0.000184	0.0000681	0.0933	0.0000021	0.0000934	0.000599	0.00176	0.00000144
2037 Apr	0.0598	0.0000102	1.34	2.39	0.0368	0.000294	6.33	0.00147	0.0507	0.000273	0.000185	0.0000683	0.0936	0.0000021	0.0000937	0.000601	0.00177	0.00000144
2037 May	0.0619	0.0000102	1.37	2.47	0.0394	0.000292	6.4	0.00149	0.0511	0.000297	0.000187	0.0000706	0.0969	0.00000211	0.0000933	0.000627	0.00177	0.00000139
2037 Jun	0.0621	0.00000966	1.34	2.47	0.042	0.000266	6.07	0.00142	0.0486	0.000326	0.000181	0.0000706	0.0968	0.00000198	0.0000863	0.000639	0.00169	0.0000012

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0645	0.0000101	1.4	2.57	0.0436	0.000276	6.3	0.00148	0.0506	0.000338	0.000188	0.0000734	0.101	0.00000206	0.0000896	0.000664	0.00176	0.00000124
2037 Aug	0.068	0.0000106	1.47	2.7	0.0459	0.000292	6.64	0.00155	0.0534	0.000356	0.000198	0.0000773	0.106	0.00000218	0.0000944	0.000699	0.00185	0.0000013
2037 Sep	0.0697	0.000011	1.51	2.77	0.0465	0.000308	6.8	0.00159	0.0552	0.000359	0.0002	0.000079	0.109	0.00000225	0.0000973	0.000709	0.0019	0.00000131
2037 Oct	0.061	0.0000105	1.36	2.41	0.0331	0.000401	5.86	0.00137	0.0554	0.000237	0.000135	0.0000646	0.0956	0.00000214	0.0000927	0.000523	0.0016	0.000000841
2037 Nov	0.0585	0.0000104	1.32	2.3	0.0286	0.000436	5.57	0.0013	0.0559	0.000195	0.000113	0.00006	0.0917	0.00000211	0.0000918	0.000462	0.00151	0.000000682
2037 Dec	0.0582	0.0000104	1.32	2.29	0.0282	0.00044	5.55	0.00129	0.056	0.000191	0.000111	0.0000595	0.0913	0.00000211	0.0000917	0.000456	0.0015	0.000000666
2038 Jan	0.0587	0.0000104	1.32	2.31	0.0288	0.00044	5.57	0.0013	0.0561	0.000193	0.000111	0.0000597	0.0921	0.00000211	0.0000917	0.00046	0.0015	0.000000659
2038 Feb	0.0594	0.0000104	1.34	2.34	0.0298	0.00044	5.61	0.00131	0.0562	0.000197	0.000112	0.0000601	0.0933	0.00000211	0.0000918	0.00047	0.0015	0.000000656
2038 Mar	0.0599	0.0000104	1.34	2.37	0.0304	0.000439	5.63	0.00131	0.0562	0.0002	0.000112	0.0000604	0.0942	0.00000211	0.0000918	0.000476	0.0015	0.000000653
2038 Apr	0.0605	0.0000105	1.35	2.39	0.031	0.000441	5.68	0.00132	0.0565	0.000203	0.000113	0.0000608	0.0952	0.00000212	0.0000922	0.000482	0.0015	0.000000654
2038 May	0.0709	0.0000106	1.5	2.81	0.0449	0.000407	6.09	0.00142	0.0576	0.000333	0.000135	0.0000735	0.111	0.00000214	0.0000909	0.000629	0.00158	0.000000555
2038 Jun	0.1	0.00000966	1.86	3.98	0.0903	0.000222	6.76	0.00163	0.0546	0.000773	0.000203	0.000111	0.155	0.00000194	0.0000736	0.0011	0.00171	9.81E-08
2038 Jul	0.109	0.0000107	2.04	4.33	0.098	0.000244	7.38	0.00178	0.06	0.000839	0.000223	0.000121	0.169	0.00000214	0.0000808	0.00119	0.00189	0.000000106
2038 Aug	0.117	0.0000116	2.18	4.62	0.104	0.000266	7.91	0.00191	0.0647	0.00089	0.000237	0.00013	0.18	0.00000232	0.0000869	0.00126	0.00203	0.000000113
2038 Sep	0.105	0.0000113	2	4.14	0.0874	0.000325	7.3	0.00176	0.0636	0.000736	0.000199	0.000114	0.162	0.00000227	0.0000872	0.00108	0.00187	9.27E-08
2038 Oct	0.079	0.0000107	1.61	3.11	0.053	0.000437	5.96	0.00142	0.0607	0.000419	0.00012	0.0000813	0.123	0.00000215	0.0000869	0.000687	0.00153	5.17E-08
2038 Nov	0.0768	0.0000107	1.58	3.02	0.0498	0.000449	5.86	0.00139	0.0607	0.00039	0.000113	0.0000783	0.12	0.00000214	0.0000872	0.000652	0.0015	4.79E-08
2038 Dec	0.0762	0.0000107	1.57	2.99	0.0489	0.000453	5.82	0.00138	0.0606	0.000382	0.00011	0.0000775	0.119	0.00000214	0.0000872	0.000641	0.00149	4.68E-08
2039 Jan	0.0765	0.0000107	1.58	3.01	0.0493	0.000453	5.84	0.00139	0.0607	0.000382	0.00011	0.0000775	0.119	0.00000214	0.0000872	0.000645	0.00149	4.63E-08
2039 Feb	0.0772	0.0000107	1.59	3.04	0.0503	0.000452	5.88	0.00139	0.0607	0.000385	0.000111	0.0000778	0.12	0.00000214	0.0000873	0.000654	0.00149	0.000000046
2039 Mar	0.0778	0.0000107	1.6	3.06	0.051	0.000452	5.92	0.0014	0.0608	0.000388	0.000112	0.0000781	0.121	0.00000214	0.0000875	0.000661	0.00149	4.59E-08
2039 Apr	0.0784	0.0000107	1.61	3.09	0.0517	0.000453	5.97	0.00141	0.0611	0.000392	0.000113	0.0000786	0.123	0.00000215	0.0000879	0.000669	0.0015	4.59E-08
2039 May	0.0803	0.000011	1.65	3.17	0.0531	0.000462	6.1	0.00144	0.0624	0.000402	0.000115	0.0000804	0.126	0.00000219	0.0000898	0.000686	0.00153	4.68E-08
2039 Jun	0.0496	0.00000978	1.03	1.63	0.0243	0.000189	3.32	0.00107	0.0474	0.000176	0.00019	0.0000507	0.0661	0.00000196	0.0000579	0.000525	0.00186	1.21E-08
2039 Jul	0.043	0.00000947	0.885	1.28	0.0156	0.000143	2.81	0.000953	0.0435	0.000118	0.000166	0.000043	0.0524	0.00000189	0.0000497	0.000381	0.00171	3.16E-09
2039 Aug	0.0467	0.0000102	0.953	1.38	0.0139	0.000187	3.21	0.000996	0.0464	0.000114	0.000125	0.0000457	0.0568	0.00000204	0.0000529	0.000267	0.00155	1.88E-09
2039 Sep	0.0477	0.0000105	1	1.47	0.0137	0.000243	3.44	0.00103	0.0488	0.000104	0.000114	0.0000467	0.0606	0.0000021	0.0000583	0.000261	0.00153	1.68E-09
2039 Oct	0.0474	0.0000103	1.03	1.55	0.0127	0.000321	3.64	0.00102	0.0506	0.0000838	0.0000918	0.000045	0.0636	0.00000207	0.0000648	0.000245	0.00143	1.28E-09
2039 Nov	0.0475	0.0000104	1.04	1.57	0.0125	0.000341	3.7	0.00102	0.0513	0.0000797	0.0000872	0.0000448	0.0646	0.00000207	0.0000666	0.000243	0.00141	1.2E-09
2039 Dec	0.0476	0.0000104	1.04	1.58	0.0124	0.000346	3.71	0.00102	0.0515	0.0000785	0.0000859	0.0000448	0.0649	0.00000207	0.0000671	0.000242	0.00141	1.17E-09
2040 Jan	0.0481	0.0000104	1.05	1.61	0.0132	0.000347	3.75	0.00103	0.0516	0.0000817	0.0000861	0.0000451	0.066	0.00000207	0.0000673	0.000249	0.0014	1.16E-09
2040 Feb	0.049	0.0000103	1.07	1.65	0.0144	0.000347	3.81	0.00104	0.0517	0.0000871	0.0000869	0.0000456	0.0675	0.00000207	0.0000675	0.000261	0.00141	1.15E-09
2040 Mar	0.0497	0.0000104	1.08	1.67	0.0152	0.000347	3.85	0.00104	0.0519	0.0000909	0.0000877	0.000046	0.0686	0.00000207	0.0000678	0.000269	0.00141	1.15E-09
2040 Apr	0.0503	0.0000104	1.09	1.7	0.0159	0.000348	3.89	0.00105	0.0521	0.000094	0.0000885	0.0000465	0.0697	0.00000208	0.0000682	0.000276	0.00141	1.15E-09
2040 May	0.0576	0.0000106	1.21	2.02	0.0252	0.000341	4.32	0.00114	0.0537	0.000177	0.000104	0.0000553	0.0815	0.00000211	0.0000701	0.000379	0.00148	1.07E-09
2040 Jun	0.0861	0.00000953	1.61	3.3	0.0729	0.000184	5.63	0.00145	0.0512	0.000622	0.000202	0.0000947	0.129	0.00000191	0.0000649	0.00094	0.00174	1.34E-10
2040 Jul	0.0876	0.00000999	1.65	3.33	0.0731	0.000188	5.72	0.00149	0.0532	0.000622	0.000212	0.0000963	0.131	0.000002	0.0000671	0.000958	0.00184	1.33E-10
2040 Aug	0.0916	0.0000105	1.72	3.49	0.0762	0.000199	5.99	0.00156	0.0558	0.000648	0.000221	0.000101	0.137	0.0000021	0.0000704	0.000999	0.00193	1.39E-10
2040 Sep	0.0912	0.0000106	1.73	3.47	0.0751	0.000211	6	0.00156	0.0563	0.000637	0.000218	0.0001	0.136	0.00000212	0.0000713	0.000985	0.00192	1.36E-10
2040 Oct	0.0916	0.0000107	1.74	3.49	0.0752	0.000216	6.04	0.00157	0.0568	0.000637	0.000218	0.000101	0.137	0.00000214	0.000072	0.000986	0.00193	1.36E-10
2040 Nov	0.0919	0.0000107	1.74	3.5	0.0753	0.000218	6.07	0.00157	0.057	0.000638	0.000218	0.000101	0.137	0.00000215	0.0000724	0.000989	0.00194	1.36E-10
2040 Dec	0.0918	0.0000107	1.74	3.5	0.0753	0.000219	6.07	0.00157	0.0571	0.000638	0.000218	0.000101	0.137	0.00000215	0.0000725	0.000988	0.00194	1.36E-10
2041 Jan	0.0919	0.0000107	1.74	3.5	0.0753	0.000219	6.07	0.00157	0.0571	0.000637	0.000218	0.000101	0.137	0.00000215	0.0000725	0.000988	0.00194	1.36E-10
2041 Feb	0.0919	0.0000107	1.74	3.5	0.0754	0.000219	6.07	0.00158	0.0571	0.000638	0.000218	0.000101	0.138	0.00000215	0.0000725	0.000989	0.00194	1.36E-10
2041 Mar	0.0921	0.0000108	1.75	3.51	0.0755	0.000219	6.08	0.00158	0.0572	0.000638	0.000218	0.000101	0.138	0.00000215	0.0000726	0.00099	0.00194	1.36E-10
2041 Apr	0.0924	0.0000108	1.75	3.52	0.0758	0.00022	6.1	0.00158	0.0573	0.000641	0.000219	0.000101	0.138	0.00000216	0.0000729	0.000994	0.00195	1.36E-10
2041 May	0.0939	0.000011	1.78	3.58	0.077	0.000223	6.2	0.00161	0.0582	0.000651	0.000222	0.000103	0.141	0.00000219	0.000074	0.00101	0.00198	1.38E-10
2041 Jun	0.0738	0.0000102	1.43	2.68	0.0547	0.000176	4.8	0.00135	0.0518	0.000454	0.000216	0.0000801	0.106	0.00000204	0.0000635	0.000811	0.00194	8.92E-11
2041 Jul	0.0614	0.00000946	1.2	2.16	0.0419	0.000147	3.95	0.00118	0.0467	0.000344	0.000204	0.0000662	0.0859	0.00000189	0.0000561	0.000684	0.00184	6.29E-11
2041 Aug	0.0654	0.0000101	1.28	2.3	0.0447	0.000157	4.22	0.00126	0.0498	0.000366	0.000217	0.0000706	0.0915	0.00000202	0.0000598	0.000727	0.00196	6.69E-11
2041 Sep	0.0665	0.0000103	1.3	2.33	0.0453	0.000162	4.29	0.00128	0.0506	0.00037	0.00022	0.0000717	0.093	0.00000205	0.0000609	0.000737	0.00199	6.77E-11
2041 Oct	0.066	0.0000102	1.3	2.32	0.0448	0.000165	4.27	0.00127	0.0505	0.000366	0.000217	0.0000711	0.0925	0.00000205	0.000061	0.000729	0.00197	6.68E-11
2041 Nov	0.0663	0.0000103	1.3	2.33	0.0449	0.000167	4.3	0.00128	0.0508	0.000367	0.000218	0.0000714	0.0929	0.00000206	0.0000613	0.000732	0.00198	6.7E-11
2041 Dec	0.0664	0.0000103	1.3	2.33	0.0449	0.000167	4.3	0.00128	0.0508	0.000367	0.000218	0.0000714	0.093	0.00000206	0.0000614	0.000732	0.00198	6.7E-11
2042 Jan	0.0664	0.0000103	1.3	2.33	0.0449	0.000167	4.3	0.00128	0.0508	0.000367	0.000218	0.0000715	0.093	0.00000206	0.0000614	0.000732	0.00198	6.7E-11
2042 Feb	0.0664	0.0000103	1.31	2.34	0.045	0.000167	4.3	0.00128	0.0509	0.000367	0.000218	0.0000715	0.0931	0.00000206	0.0000614	0.000733	0.00198	6.7E-11
2042 Mar	0.0665	0.0000103	1.31	2.34	0.045	0.000167	4.31	0.00128	0.0509	0.000368	0.000218	0.0000715	0.0932	0.00000206	0.0000615	0.000733	0.00198	6.7E-11
2042 Apr	0.067	0.0000104	1.32	2.36	0.0454	0.000169	4.34	0.00129	0.0513	0.00037	0.00022	0.0000721	0.0939	0.00000208	0.0000619	0.000739	0.002	6.75E-11
2042 May	0.0689	0.0000107	1.35	2.42	0.0467	0.000173	4.46	0.00133	0.0527	0.000381	0.000226	0.0000741	0.0966	0.00000213	0.0000637	0.00076	0.00205	6.94E-11
2042 Jun	0.063	0.0000103	1.25	2.17	0.0407	0.000158	4.05	0.00124	0.0502	0.000329	0.000221	0.0000675	0.0868	0.00000206	0.00006	0.000701	0.00201	5.69E-11
2042 Jul	0.0596	0.0000101	1.18	2.03	0.0372	0.00015	3.83	0.00119	0.0487	0.000299	0.000215	0.0000637	0.0812	0.00000201	0.0000578	0.000661	0.00197	4.98E-11
2042 Aug	0.0578	0.00000993	1.16	1.97	0.0352	0.00016	3.77	0.00117	0.0478	0.000282	0.000202	0.0000621	0.0792	0.00000199	0.000057	0.00062	0.00189	4.64E-11
2042 Sep	0.0568	0.00000987	1.15	1.95	0.0343	0.000167	3.75	0.00115	0.0474	0.000273	0.000196	0.0000614	0.0783	0.00000197	0.0000568	0.000601	0.00186	4.49E-11
2042 Oct	0.0561	0.00000976	1.14	1.92	0.0336	0.00017	3.72	0.00114	0.047	0.000267	0.000192	0.0000605	0.0775	0.00000195	0.0000566	0.00059	0.00183	4.39E-11
2042 Nov	0.0563	0.0000098	1.14	1.93	0.0337	0.000172	3.73	0.00114	0.0472	0.000267	0.000192	0.0000606	0.0778	0.00000196	0.0000569	0.000591	0.00184	4.39E-11
2042 Dec	0.0563	0.00000981	1.14	1.93	0.0337	0.000173	3.73	0.00114	0.0472	0.000267	0.000192	0.0000607	0.0778	0.00000196	0.000057	0.000591	0.00184	4.39E-11
2043 Jan	0.0563	0.00000981	1.14	1.93	0.0337	0.000173	3.74	0.00114	0.0472	0.000267	0.000192	0.0000607	0.0778	0.00000196	0.000057	0.000591	0.00184	4.39E-11
2043 Feb	0.0564	0.00000981	1.14	1.93	0.0337	0.000173	3.74	0.00114	0.0472	0.000267	0.000192	0.0000607	0.0779	0.00000196	0.000057	0.000592	0.00184	4.39E-11
2043 Mar	0.0564	0.00000981	1.14	1.93	0.0338	0.000173	3.74	0.00114	0.0473	0.000267	0.000192	0.0000607	0.0779	0.00000196	0.000057	0.000592	0.00184	4.39E-11
2043 Apr	0.0567	0.00000986	1.15	1.94	0.0339	0.000174	3.76	0.00115	0.0475	0.000269	0.000193	0.000061	0.0783	0.00000197	0.0000573	0.000595	0.00185	4.41E-11
2043 May	0.0583	0.0000101	1.18	2	0.0352	0.000178	3.86	0.00118	0.0486	0.000279	0.000198	0.0000628	0.0807	0.00000202	0.0000587	0.000613	0.00189	4.48E-11
2043 Jun	0.0614	0.00000978	1.22	2.16	0.0405	0.000171	4.05	0.0012	0.0479	0.000328	0.000196	0.0000666	0.0864	0.00000196	0.0000582	0.000656	0.00184	3.71E-11
2043 Jul	0.0641	0.0000102	1.28	2.25	0.042	0.000179	4.22	0.00125	0.0501	0.000341	0.000205	0.0000694	0.0901	0.00000205	0.0000608	0.000683	0.00192	3.84E-11
2043 Aug	0.0669	0.0000107	1.33	2.35	0.0438	0.000188	4.41	0.00131	0.0524	0.000355	0.000214	0.0000725	0.0941	0.00000214	0.0000636	0.000711	0.00201	4E-11
2043 Sep	0.0673	0.0000108	1.34	2.37	0.0439	0.000191	4.45	0.00132	0.0528	0.000356	0.000214	0.0000729	0.0947	0.00000216	0.0000641	0.000713	0.00202	4.01E-11
2043 Oct	0.0666	0.0000107	1.33	2.34	0.0431	0.000198	4.42	0.0013	0.0526	0.000348	0.00021	0.000072	0.0939	0.00000215	0.0000643	0.0007	0.00199	3.91E-11
2043 Nov	0.0659	0.0000107	1.32	2.32	0.0422	0.000204	4.4	0.00129	0.0525	0.00034	0.000205	0.0000711	0.0931	0.00000213	0.0000644	0.000687	0.00196	3.82E-11

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0659	0.0000107	1.32	2.32	0.0422	0.000205	4.4	0.00129	0.0525	0.00034	0.000205	0.000071	0.0931	0.00000214	0.0000645	0.000687	0.00196	3.82E-11
2044 Jan	0.0659	0.0000107	1.32	2.33	0.0422	0.000205	4.41	0.00129	0.0525	0.00034	0.000205	0.0000711	0.0931	0.00000214	0.0000645	0.000687	0.00196	3.81E-11
2044 Feb	0.066	0.0000107	1.33	2.33	0.0423	0.000205	4.41	0.00129	0.0526	0.00034	0.000205	0.0000711	0.0932	0.00000214	0.0000645	0.000687	0.00196	3.81E-11
2044 Mar	0.0661	0.0000107	1.33	2.33	0.0423	0.000205	4.42	0.00129	0.0526	0.00034	0.000205	0.0000712	0.0933	0.00000214	0.0000646	0.000688	0.00197	3.82E-11
2044 Apr	0.0662	0.0000107	1.33	2.34	0.0425	0.000206	4.43	0.0013	0.0527	0.000341	0.000205	0.0000713	0.0936	0.00000214	0.0000647	0.00069	0.00197	3.83E-11
2044 May	0.0673	0.0000109	1.35	2.37	0.0432	0.000209	4.5	0.00132	0.0536	0.000347	0.000209	0.0000725	0.0951	0.00000218	0.0000658	0.000701	0.002	3.89E-11
2044 Jun	0.0611	0.0000102	1.23	2.12	0.038	0.000186	4.05	0.00122	0.0499	0.000304	0.000201	0.0000657	0.0853	0.00000205	0.0000607	0.000645	0.00191	3.22E-11
2044 Jul	0.0622	0.0000105	1.25	2.15	0.0383	0.000188	4.11	0.00124	0.0511	0.000305	0.000207	0.0000667	0.0864	0.0000021	0.000062	0.000658	0.00197	3.2E-11
2044 Aug	0.066	0.0000112	1.33	2.29	0.0407	0.000201	4.37	0.00132	0.0543	0.000324	0.00022	0.0000709	0.0918	0.00000223	0.0000659	0.000698	0.00209	3.4E-11
2044 Sep	0.0644	0.000011	1.31	2.23	0.0393	0.000204	4.3	0.00129	0.0533	0.000312	0.000212	0.0000693	0.0898	0.00000219	0.0000649	0.000673	0.00204	3.27E-11
2044 Oct	0.0637	0.0000109	1.29	2.21	0.0387	0.000206	4.26	0.00128	0.0529	0.000307	0.000209	0.0000685	0.089	0.00000218	0.0000646	0.000664	0.00201	3.21E-11
2044 Nov	0.0638	0.0000109	1.3	2.21	0.0387	0.000207	4.27	0.00128	0.053	0.000306	0.000208	0.0000685	0.0891	0.00000218	0.0000648	0.000663	0.00201	3.21E-11
2044 Dec	0.0638	0.0000109	1.3	2.22	0.0387	0.000208	4.27	0.00128	0.053	0.000306	0.000208	0.0000685	0.0891	0.00000218	0.0000648	0.000663	0.00201	3.21E-11
2045 Jan	0.0638	0.0000109	1.3	2.22	0.0387	0.000208	4.27	0.00128	0.053	0.000306	0.000208	0.0000685	0.0891	0.00000218	0.0000648	0.000663	0.00201	3.2E-11
2045 Feb	0.0638	0.0000109	1.3	2.22	0.0387	0.000208	4.27	0.00128	0.053	0.000306	0.000208	0.0000685	0.0892	0.00000218	0.0000648	0.000663	0.00201	3.2E-11
2045 Mar	0.0639	0.0000109	1.3	2.22	0.0388	0.000208	4.28	0.00128	0.0531	0.000307	0.000208	0.0000686	0.0892	0.00000218	0.0000649	0.000664	0.00201	3.21E-11
2045 Apr	0.064	0.0000109	1.3	2.22	0.0389	0.000208	4.29	0.00129	0.0532	0.000307	0.000209	0.0000687	0.0895	0.00000218	0.000065	0.000666	0.00202	3.21E-11
2045 May	0.0649	0.0000111	1.32	2.26	0.0394	0.000211	4.35	0.00131	0.054	0.000312	0.000212	0.0000698	0.0908	0.00000222	0.000066	0.000675	0.00205	3.26E-11
2045 Jun	0.0611	0.0000107	1.24	2.1	0.0361	0.000195	4.07	0.00124	0.0519	0.000284	0.000209	0.0000655	0.0844	0.00000214	0.0000629	0.000642	0.00201	2.85E-11
2045 Jul	0.0611	0.0000109	1.25	2.08	0.0355	0.000194	4.05	0.00125	0.0524	0.000278	0.000214	0.0000654	0.0839	0.00000218	0.0000633	0.000646	0.00205	2.74E-11
2045 Aug	0.0635	0.0000113	1.3	2.16	0.0369	0.000201	4.21	0.0013	0.0545	0.000289	0.000222	0.000068	0.0872	0.00000226	0.0000658	0.000671	0.00213	2.85E-11
2045 Sep	0.0637	0.0000113	1.3	2.17	0.0369	0.000203	4.23	0.00131	0.0547	0.000289	0.000222	0.0000681	0.0875	0.00000227	0.0000661	0.000671	0.00213	2.85E-11
2045 Oct	0.064	0.0000114	1.31	2.18	0.0371	0.000206	4.26	0.00131	0.0551	0.000291	0.000223	0.0000685	0.088	0.00000228	0.0000666	0.000675	0.00215	2.86E-11
2045 Nov	0.0642	0.0000114	1.31	2.19	0.0372	0.000206	4.27	0.00132	0.0552	0.000291	0.000224	0.0000687	0.0883	0.00000229	0.0000668	0.000676	0.00215	2.86E-11
2045 Dec	0.0642	0.0000115	1.31	2.19	0.0372	0.000207	4.27	0.00132	0.0552	0.000291	0.000224	0.0000687	0.0883	0.00000229	0.0000668	0.000676	0.00215	2.86E-11
2046 Jan	0.0642	0.0000115	1.31	2.19	0.0372	0.000207	4.27	0.00132	0.0552	0.000291	0.000224	0.0000687	0.0883	0.00000229	0.0000668	0.000676	0.00215	2.86E-11
2046 Feb	0.0643	0.0000115	1.31	2.19	0.0372	0.000207	4.27	0.00132	0.0552	0.000291	0.000224	0.0000687	0.0884	0.00000229	0.0000668	0.000677	0.00215	2.86E-11
2046 Mar	0.0643	0.0000115	1.31	2.19	0.0373	0.000207	4.28	0.00132	0.0553	0.000292	0.000224	0.0000688	0.0885	0.00000229	0.0000669	0.000677	0.00215	2.87E-11
2046 Apr	0.0647	0.0000115	1.32	2.2	0.0375	0.000208	4.3	0.00133	0.0556	0.000293	0.000225	0.0000691	0.0889	0.0000023	0.0000672	0.000681	0.00216	2.88E-11
2046 May	0.0657	0.0000117	1.34	2.24	0.0381	0.000211	4.37	0.00135	0.0565	0.000298	0.000229	0.0000702	0.0903	0.00000234	0.0000683	0.000692	0.0022	2.93E-11
2046 Jun	0.0597	0.000011	1.22	2	0.0333	0.000187	3.93	0.00125	0.0526	0.000259	0.00022	0.0000636	0.0809	0.0000022	0.000063	0.000637	0.0021	2.39E-11
2046 Jul	0.056	0.0000106	1.15	1.86	0.0305	0.000173	3.67	0.00118	0.0502	0.000235	0.000214	0.0000596	0.0752	0.00000211	0.0000598	0.000603	0.00203	2.08E-11
2046 Aug	0.0582	0.000011	1.19	1.93	0.0317	0.00018	3.81	0.00123	0.0522	0.000244	0.000222	0.0000619	0.0781	0.00000219	0.0000621	0.000626	0.00211	2.16E-11
2046 Sep	0.0572	0.0000108	1.18	1.9	0.0309	0.000182	3.76	0.00121	0.0514	0.000238	0.000216	0.0000608	0.0769	0.00000216	0.0000614	0.000611	0.00207	2.1E-11
2046 Oct	0.0563	0.0000107	1.16	1.87	0.0302	0.000185	3.72	0.00119	0.0508	0.000232	0.000211	0.0000598	0.0759	0.00000213	0.000061	0.000597	0.00203	2.05E-11
2046 Nov	0.0563	0.0000107	1.16	1.87	0.0302	0.000187	3.73	0.00119	0.0509	0.000231	0.00021	0.0000597	0.0759	0.00000213	0.0000611	0.000596	0.00202	2.04E-11
2046 Dec	0.0563	0.0000107	1.16	1.87	0.0302	0.000187	3.73	0.00119	0.0509	0.000231	0.00021	0.0000597	0.0759	0.00000213	0.0000611	0.000596	0.00202	2.04E-11
2047 Jan	0.0563	0.0000107	1.16	1.87	0.0302	0.000187	3.73	0.00119	0.0509	0.000231	0.00021	0.0000597	0.0759	0.00000213	0.0000612	0.000596	0.00202	2.04E-11
2047 Feb	0.0563	0.0000107	1.16	1.88	0.0302	0.000187	3.73	0.00119	0.0509	0.000231	0.00021	0.0000597	0.076	0.00000213	0.0000612	0.000596	0.00202	2.04E-11
2047 Mar	0.0565	0.0000107	1.16	1.88	0.0303	0.000188	3.74	0.00119	0.051	0.000232	0.00021	0.0000599	0.0762	0.00000214	0.0000613	0.000598	0.00203	2.04E-11
2047 Apr	0.0566	0.0000107	1.17	1.88	0.0304	0.000188	3.75	0.0012	0.0511	0.000232	0.000211	0.00006	0.0764	0.00000214	0.0000614	0.000599	0.00203	2.05E-11
2047 May	0.0582	0.0000108	1.19	1.95	0.0321	0.00019	3.85	0.00122	0.0517	0.000248	0.000213	0.0000618	0.0789	0.00000216	0.0000622	0.000617	0.00204	2.02E-11
2047 Jun	0.0637	0.0000103	1.27	2.23	0.0412	0.000184	4.2	0.00125	0.0507	0.000331	0.000208	0.0000686	0.0894	0.00000206	0.0000618	0.000686	0.00195	1.68E-11
2047 Jul	0.067	0.0000109	1.34	2.35	0.0433	0.000194	4.42	0.00132	0.0534	0.000348	0.000219	0.0000722	0.094	0.00000217	0.000065	0.000721	0.00205	1.77E-11
2047 Aug	0.0702	0.0000114	1.4	2.46	0.0453	0.000204	4.63	0.00138	0.056	0.000365	0.00023	0.0000756	0.0985	0.00000228	0.0000682	0.000755	0.00215	1.85E-11
2047 Sep	0.0697	0.0000113	1.4	2.44	0.0449	0.000204	4.6	0.00137	0.0557	0.000361	0.000227	0.0000751	0.0978	0.00000227	0.0000679	0.000748	0.00213	1.83E-11
2047 Oct	0.0685	0.0000112	1.37	2.4	0.0438	0.000206	4.54	0.00135	0.0549	0.000352	0.000221	0.0000736	0.0962	0.00000223	0.0000671	0.000731	0.00209	1.78E-11
2047 Nov	0.0682	0.0000111	1.37	2.39	0.0435	0.000209	4.53	0.00134	0.0548	0.000348	0.000219	0.0000732	0.0959	0.00000223	0.0000672	0.000725	0.00208	1.76E-11
2047 Dec	0.0682	0.0000111	1.37	2.39	0.0435	0.00021	4.53	0.00134	0.0549	0.000348	0.000219	0.0000732	0.0959	0.00000223	0.0000673	0.000725	0.00208	1.76E-11
2048 Jan	0.0682	0.0000111	1.37	2.4	0.0435	0.00021	4.53	0.00134	0.0549	0.000348	0.000219	0.0000732	0.0959	0.00000223	0.0000673	0.000725	0.00208	1.76E-11
2048 Feb	0.0683	0.0000111	1.37	2.4	0.0435	0.00021	4.54	0.00134	0.0549	0.000348	0.000219	0.0000733	0.096	0.00000223	0.0000673	0.000726	0.00208	1.76E-11
2048 Mar	0.0683	0.0000111	1.37	2.4	0.0436	0.00021	4.54	0.00135	0.0549	0.000349	0.000219	0.0000733	0.0961	0.00000223	0.0000673	0.000726	0.00208	1.76E-11
2048 Apr	0.0686	0.0000112	1.38	2.41	0.0437	0.000211	4.55	0.00135	0.0551	0.00035	0.00022	0.0000736	0.0964	0.00000224	0.0000676	0.000729	0.00209	1.77E-11
2048 May	0.0697	0.0000114	1.4	2.45	0.0445	0.000214	4.63	0.00137	0.056	0.000356	0.000224	0.0000748	0.098	0.00000227	0.0000687	0.000741	0.00212	1.8E-11
2048 Jun	0.0633	0.0000107	1.28	2.19	0.0389	0.000191	4.17	0.00127	0.0524	0.000309	0.000216	0.0000677	0.0878	0.00000215	0.0000636	0.000681	0.00204	1.49E-11
2048 Jul	0.0599	0.0000105	1.21	2.04	0.0358	0.000178	3.93	0.00122	0.0507	0.000282	0.000214	0.000064	0.0821	0.0000021	0.0000611	0.00065	0.00201	1.31E-11
2048 Aug	0.061	0.0000107	1.24	2.08	0.0362	0.000186	4.02	0.00125	0.0518	0.000285	0.000216	0.0000653	0.0838	0.00000214	0.0000624	0.000657	0.00204	1.32E-11
2048 Sep	0.0607	0.0000107	1.23	2.07	0.0359	0.000188	4.01	0.00124	0.0516	0.000282	0.000214	0.000065	0.0835	0.00000214	0.0000624	0.000651	0.00203	1.31E-11
2048 Oct	0.0601	0.0000106	1.22	2.05	0.0354	0.000189	3.98	0.00123	0.0512	0.000278	0.000211	0.0000643	0.0828	0.00000212	0.000062	0.000642	0.00201	1.29E-11
2048 Nov	0.0601	0.0000106	1.22	2.06	0.0354	0.000191	3.98	0.00123	0.0513	0.000277	0.00021	0.0000643	0.0828	0.00000212	0.0000622	0.000641	0.002	1.29E-11
2048 Dec	0.0601	0.0000106	1.22	2.06	0.0354	0.000191	3.98	0.00123	0.0513	0.000277	0.00021	0.0000643	0.0828	0.00000212	0.0000622	0.000641	0.00201	1.29E-11
2049 Jan	0.0601	0.0000106	1.22	2.06	0.0354	0.000191	3.99	0.00123	0.0513	0.000277	0.00021	0.0000643	0.0829	0.00000212	0.0000622	0.000641	0.00201	1.29E-11
2049 Feb	0.0601	0.0000106	1.23	2.06	0.0354	0.000191	3.99	0.00123	0.0514	0.000277	0.00021	0.0000643	0.0829	0.00000212	0.0000622	0.000641	0.00201	1.29E-11
2049 Mar	0.0602	0.0000106	1.23	2.06	0.0355	0.000191	3.99	0.00123	0.0514	0.000278	0.00021	0.0000644	0.083	0.00000212	0.0000623	0.000642	0.00201	1.29E-11
2049 Apr	0.0604	0.0000107	1.23	2.07	0.0356	0.000192	4.01	0.00124	0.0516	0.000279	0.000211	0.0000646	0.0833	0.00000213	0.0000625	0.000644	0.00201	1.29E-11
2049 May	0.0614	0.0000108	1.25	2.1	0.0362	0.000195	4.07	0.00126	0.0524	0.000283	0.000214	0.0000657	0.0847	0.00000216	0.0000635	0.000655	0.00205	1.31E-11
2049 Jun	0.056	0.0000102	1.15	1.88	0.0317	0.000174	3.68	0.00117	0.0491	0.000246	0.000207	0.0000597	0.076	0.00000205	0.0000589	0.000606	0.00197	1.07E-11
2049 Jul	0.0546	0.0000101	1.12	1.82	0.0304	0.000168	3.58	0.00115	0.0484	0.000235	0.000207	0.0000581	0.0737	0.00000203	0.0000579	0.000593	0.00195	9.97E-12
2049 Aug	0.0578	0.0000107	1.18	1.93	0.0322	0.000178	3.78	0.00121	0.0512	0.000249	0.000218	0.0000615	0.0779	0.00000215	0.0000612	0.000626	0.00207	1.05E-11
2049 Sep	0.0574	0.0000107	1.18	1.92	0.0318	0.000181	3.77	0.0012	0.0511	0.000246	0.000216	0.0000611	0.0776	0.00000213	0.0000612	0.00062	0.00205	1.04E-11
2049 Oct	0.0567	0.0000106	1.16	1.9	0.0312	0.000184	3.74	0.00119	0.0506	0.00024	0.000211	0.0000602	0.0767	0.00000211	0.0000608	0.000608	0.00202	1.02E-11
2049 Nov	0.0567	0.0000106	1.16	1.9	0.0311	0.000186	3.75	0.00119	0.0507	0.000239	0.00021	0.0000601	0.0768	0.00000211	0.0000611	0.000606	0.00201	1.01E-11
2049 Dec	0.0567	0.0000106	1.17	1.9	0.0311	0.000187	3.75	0.00119	0.0507	0.000239	0.00021	0.0000601	0.0768	0.00000211	0.0000611	0.000605	0.00201	1.01E-11
2050 Jan	0.0567	0.0000106	1.17	1.9	0.0311	0.000187	3.75	0.00119	0.0507	0.000239	0.00021	0.0000601	0.0768	0.00000211	0.0000611	0.000606	0.00201	1.01E-11
2050 Feb	0.0568	0.0000106	1.17	1.9	0.0311	0.000187	3.75	0.00119	0.0508	0.000239	0.00021	0.0000601	0.0769	0.00000211	0.0000612	0.000606	0.00201	1.01E-11
2050 Mar	0.0568	0.0000106	1.17	1.9	0.0312	0.000187	3.76	0.00119	0.0508	0.000239	0.00021	0.0000601	0.0769	0.00000211	0.0000612	0.000606	0.00201	1.01E-11
2050 Apr	0.057	0.0000106	1.17	1.91	0.0313	0.000188	3.77	0.00119	0.0509	0.00024	0.00021	0.0000603	0.0772	0.00000212	0.0000614	0.000608	0.00202	1.01E-11

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.0577	0.0000107	1.19	1.93	0.0317	0.00019	3.82	0.00121	0.0516	0.000243	0.000213	0.0000611	0.0782	0.00000215	0.0000622	0.000616	0.00204	1.02E-11
2050 Jun	0.0549	0.0000104	1.13	1.82	0.0297	0.000177	3.61	0.00116	0.0496	0.000227	0.000209	0.0000581	0.0738	0.00000207	0.0000594	0.000592	0.00199	8.97E-12
2050 Jul	0.053	0.0000101	1.09	1.75	0.0282	0.000169	3.47	0.00113	0.0482	0.000215	0.000205	0.0000559	0.0708	0.00000202	0.0000576	0.000572	0.00195	8.26E-12
2050 Aug	0.0548	0.0000105	1.13	1.81	0.0291	0.000175	3.59	0.00116	0.0499	0.000222	0.000211	0.0000578	0.0732	0.00000209	0.0000595	0.000589	0.00201	8.51E-12
2050 Sep	0.055	0.0000105	1.13	1.81	0.0291	0.000178	3.61	0.00117	0.0502	0.000222	0.000211	0.000058	0.0735	0.0000021	0.0000599	0.00059	0.00202	8.51E-12
2050 Oct	0.0554	0.0000106	1.14	1.83	0.0293	0.000181	3.64	0.00118	0.0506	0.000223	0.000212	0.0000585	0.0741	0.00000212	0.0000605	0.000594	0.00203	8.55E-12
2050 Nov	0.0556	0.0000106	1.15	1.84	0.0294	0.000181	3.66	0.00118	0.0508	0.000224	0.000213	0.0000587	0.0744	0.00000213	0.0000607	0.000596	0.00204	8.58E-12
2050 Dec	0.0556	0.0000106	1.15	1.84	0.0294	0.000182	3.66	0.00118	0.0508	0.000224	0.000213	0.0000587	0.0744	0.00000213	0.0000608	0.000596	0.00204	8.58E-12
2051 Jan	0.0557	0.0000106	1.15	1.84	0.0294	0.000182	3.66	0.00118	0.0508	0.000224	0.000213	0.0000587	0.0744	0.00000213	0.0000608	0.000596	0.00204	8.58E-12
2051 Feb	0.0557	0.0000107	1.15	1.84	0.0294	0.000182	3.66	0.00118	0.0508	0.000224	0.000213	0.0000587	0.0745	0.00000213	0.0000608	0.000596	0.00204	8.58E-12
2051 Mar	0.0557	0.0000107	1.15	1.84	0.0294	0.000182	3.66	0.00118	0.0508	0.000224	0.000213	0.0000588	0.0745	0.00000213	0.0000608	0.000597	0.00204	8.58E-12
2051 Apr	0.0559	0.0000107	1.15	1.85	0.0296	0.000183	3.68	0.00119	0.0511	0.000225	0.000214	0.000059	0.0749	0.00000214	0.0000611	0.000599	0.00205	8.62E-12
2051 May	0.0571	0.0000109	1.18	1.89	0.0304	0.000185	3.76	0.00121	0.0519	0.000232	0.000217	0.0000603	0.0765	0.00000217	0.0000621	0.000612	0.00208	8.71E-12
2051 Jun	0.0558	0.00001	1.13	1.88	0.0323	0.000165	3.64	0.00115	0.0483	0.000253	0.000206	0.0000594	0.0757	0.00000201	0.0000578	0.000609	0.00194	6.59E-12
2051 Jul	0.0558	0.0000101	1.13	1.87	0.0319	0.000164	3.63	0.00115	0.0485	0.00025	0.000209	0.0000592	0.0753	0.00000202	0.0000579	0.000609	0.00196	6.42E-12
2051 Aug	0.0564	0.0000103	1.15	1.89	0.0321	0.000171	3.69	0.00117	0.0492	0.00025	0.000209	0.0000601	0.0764	0.00000205	0.0000589	0.000611	0.00197	6.43E-12
2051 Sep	0.0556	0.0000102	1.14	1.87	0.0313	0.000178	3.67	0.00116	0.0489	0.000243	0.000203	0.0000591	0.0756	0.00000203	0.0000588	0.000595	0.00194	6.22E-12
2051 Oct	0.053	0.00000976	1.09	1.8	0.0289	0.000192	3.56	0.0011	0.0474	0.000222	0.000185	0.0000558	0.0726	0.00000195	0.0000581	0.000551	0.00182	5.65E-12
2051 Nov	0.0529	0.00000976	1.09	1.8	0.0288	0.000194	3.56	0.0011	0.0475	0.000221	0.000185	0.0000557	0.0726	0.00000195	0.0000582	0.000549	0.00181	5.62E-12
2051 Dec	0.053	0.00000977	1.09	1.8	0.0288	0.000195	3.57	0.0011	0.0475	0.00022	0.000185	0.0000557	0.0726	0.00000195	0.0000583	0.000549	0.00181	5.62E-12
2052 Jan	0.053	0.00000977	1.09	1.8	0.0288	0.000195	3.57	0.0011	0.0475	0.000221	0.000185	0.0000557	0.0727	0.00000195	0.0000583	0.000549	0.00181	5.62E-12
2052 Feb	0.053	0.00000977	1.09	1.8	0.0289	0.000195	3.57	0.0011	0.0475	0.000221	0.000185	0.0000558	0.0727	0.00000195	0.0000583	0.00055	0.00181	5.62E-12
2052 Mar	0.0531	0.00000978	1.1	1.8	0.0289	0.000195	3.57	0.0011	0.0476	0.000221	0.000185	0.0000558	0.0728	0.00000196	0.0000584	0.000551	0.00182	5.63E-12
2052 Apr	0.0532	0.0000098	1.1	1.81	0.029	0.000195	3.58	0.00111	0.0477	0.000222	0.000185	0.000056	0.073	0.00000196	0.0000585	0.000552	0.00182	5.64E-12
2052 May	0.054	0.00000989	1.11	1.84	0.0297	0.000197	3.63	0.00112	0.0482	0.000227	0.000187	0.0000568	0.0742	0.00000198	0.0000591	0.000561	0.00184	5.66E-12
2052 Jun	0.0548	0.00000984	1.12	1.87	0.0311	0.000193	3.67	0.00113	0.048	0.00024	0.000189	0.0000579	0.0756	0.00000197	0.0000589	0.000574	0.00184	5.29E-12
2052 Jul	0.0558	0.0000101	1.14	1.9	0.0312	0.000196	3.74	0.00115	0.049	0.000242	0.000191	0.0000588	0.0766	0.00000201	0.0000599	0.000577	0.00187	5.26E-12
2052 Aug	0.0571	0.0000103	1.17	1.94	0.0318	0.000202	3.83	0.00117	0.0502	0.000246	0.000194	0.0000601	0.0784	0.00000206	0.0000614	0.000587	0.00191	5.35E-12
2052 Sep	0.057	0.0000103	1.17	1.94	0.0317	0.000204	3.83	0.00117	0.0502	0.000245	0.000193	0.0000601	0.0784	0.00000206	0.0000615	0.000585	0.0019	5.31E-12
2052 Oct	0.057	0.0000103	1.17	1.94	0.0316	0.000206	3.84	0.00117	0.0503	0.000244	0.000193	0.0000601	0.0784	0.00000207	0.0000617	0.000583	0.0019	5.29E-12
2052 Nov	0.0572	0.0000104	1.18	1.95	0.0317	0.000207	3.85	0.00118	0.0505	0.000245	0.000193	0.0000602	0.0787	0.00000207	0.0000619	0.000585	0.00191	5.31E-12
2052 Dec	0.0572	0.0000104	1.18	1.95	0.0317	0.000207	3.86	0.00118	0.0505	0.000245	0.000193	0.0000603	0.0787	0.00000207	0.0000619	0.000585	0.00191	5.31E-12
2053 Jan	0.0572	0.0000104	1.18	1.95	0.0317	0.000207	3.86	0.00118	0.0505	0.000245	0.000193	0.0000603	0.0787	0.00000207	0.0000619	0.000585	0.00191	5.31E-12
2053 Feb	0.0573	0.0000104	1.18	1.95	0.0317	0.000208	3.86	0.00118	0.0505	0.000245	0.000193	0.0000603	0.0788	0.00000207	0.000062	0.000586	0.00191	5.31E-12
2053 Mar	0.0574	0.0000104	1.18	1.96	0.0318	0.000208	3.87	0.00118	0.0506	0.000245	0.000193	0.0000604	0.0789	0.00000208	0.0000621	0.000586	0.00191	5.32E-12
2053 Apr	0.0576	0.0000104	1.18	1.96	0.0319	0.000209	3.88	0.00119	0.0508	0.000246	0.000194	0.0000607	0.0793	0.00000209	0.0000623	0.000589	0.00192	5.34E-12
2053 May	0.06	0.0000105	1.22	2.07	0.0348	0.00021	4.03	0.00122	0.0514	0.000272	0.000197	0.0000634	0.0832	0.0000021	0.0000632	0.000617	0.00193	5.19E-12
2053 Jun	0.0611	0.00000988	1.23	2.16	0.039	0.000194	4.08	0.0012	0.0491	0.000313	0.000191	0.0000653	0.0862	0.00000198	0.0000605	0.000641	0.00183	4.29E-12
2053 Jul	0.063	0.0000102	1.26	2.22	0.04	0.0002	4.2	0.00123	0.0507	0.000321	0.000197	0.0000673	0.0888	0.00000204	0.0000624	0.000661	0.00189	4.39E-12
2053 Aug	0.0661	0.0000107	1.33	2.33	0.042	0.00021	4.41	0.00129	0.0531	0.000337	0.000207	0.0000706	0.0931	0.00000214	0.0000655	0.000693	0.00198	4.6E-12
2053 Sep	0.0682	0.0000111	1.37	2.4	0.0433	0.000217	4.55	0.00134	0.0549	0.000347	0.000213	0.0000728	0.0961	0.00000221	0.0000676	0.000715	0.00204	4.75E-12
2053 Oct	0.0687	0.0000111	1.38	2.42	0.0436	0.000218	4.58	0.00135	0.0553	0.00035	0.000215	0.0000734	0.0968	0.00000223	0.0000681	0.00072	0.00206	4.78E-12
2053 Nov	0.0687	0.0000111	1.38	2.42	0.0436	0.000218	4.58	0.00135	0.0552	0.000349	0.000215	0.0000733	0.0968	0.00000223	0.0000681	0.00072	0.00206	4.78E-12
2053 Dec	0.0687	0.0000111	1.38	2.42	0.0436	0.000219	4.58	0.00135	0.0553	0.00035	0.000215	0.0000733	0.0968	0.00000223	0.0000681	0.00072	0.00206	4.78E-12
2054 Jan	0.0687	0.0000111	1.38	2.42	0.0436	0.000219	4.58	0.00135	0.0553	0.00035	0.000215	0.0000733	0.0968	0.00000223	0.0000681	0.00072	0.00206	4.78E-12
2054 Feb	0.0687	0.0000111	1.38	2.42	0.0436	0.000219	4.59	0.00135	0.0553	0.00035	0.000215	0.0000734	0.0968	0.00000223	0.0000681	0.00072	0.00206	4.78E-12
2054 Mar	0.0687	0.0000111	1.38	2.42	0.0437	0.000219	4.59	0.00135	0.0553	0.00035	0.000215	0.0000734	0.0969	0.00000223	0.0000681	0.00072	0.00206	4.78E-12
2054 Apr	0.069	0.0000112	1.38	2.43	0.0438	0.00022	4.61	0.00135	0.0555	0.000351	0.000216	0.0000737	0.0973	0.00000224	0.0000684	0.000723	0.00207	4.8E-12
2054 May	0.0702	0.0000113	1.41	2.47	0.0448	0.000222	4.68	0.00137	0.0562	0.000359	0.000219	0.0000749	0.099	0.00000227	0.0000693	0.000736	0.00209	4.83E-12
2054 Jun	0.0689	0.0000106	1.37	2.46	0.0462	0.000204	4.57	0.00132	0.0531	0.000375	0.00021	0.000074	0.0979	0.00000212	0.0000655	0.000732	0.00197	3.99E-12
2054 Jul	0.068	0.0000106	1.35	2.42	0.0452	0.000201	4.51	0.00131	0.0527	0.000367	0.000209	0.000073	0.0964	0.00000212	0.0000649	0.000722	0.00196	3.87E-12
2054 Aug	0.0688	0.0000107	1.37	2.44	0.0456	0.000205	4.57	0.00132	0.0534	0.000369	0.00021	0.0000738	0.0975	0.00000215	0.0000658	0.000727	0.00199	3.9E-12
2054 Sep	0.0689	0.0000108	1.37	2.45	0.0455	0.000209	4.59	0.00133	0.0537	0.000369	0.00021	0.0000741	0.0979	0.00000216	0.0000662	0.000726	0.00199	3.88E-12
2054 Oct	0.0683	0.0000107	1.36	2.43	0.045	0.00021	4.55	0.00132	0.0533	0.000364	0.000207	0.0000734	0.097	0.00000214	0.0000658	0.000718	0.00197	3.84E-12
2054 Nov	0.0681	0.0000107	1.36	2.42	0.0447	0.000211	4.54	0.00131	0.0532	0.000361	0.000206	0.0000731	0.0967	0.00000214	0.0000658	0.000713	0.00196	3.81E-12
2054 Dec	0.0681	0.0000107	1.36	2.42	0.0447	0.000212	4.55	0.00132	0.0533	0.000361	0.000206	0.0000731	0.0968	0.00000214	0.0000659	0.000713	0.00196	3.8E-12
2055 Jan	0.0681	0.0000107	1.36	2.42	0.0447	0.000212	4.55	0.00132	0.0533	0.000361	0.000206	0.0000731	0.0968	0.00000214	0.0000659	0.000713	0.00196	3.8E-12
2055 Feb	0.0681	0.0000107	1.36	2.43	0.0448	0.000212	4.55	0.00132	0.0533	0.000361	0.000206	0.0000731	0.0969	0.00000214	0.0000659	0.000714	0.00196	3.8E-12
2055 Mar	0.0682	0.0000107	1.36	2.43	0.0448	0.000212	4.55	0.00132	0.0533	0.000362	0.000206	0.0000731	0.0969	0.00000214	0.000066	0.000714	0.00196	3.8E-12
2055 Apr	0.0684	0.0000107	1.36	2.44	0.045	0.000213	4.57	0.00132	0.0535	0.000363	0.000206	0.0000734	0.0973	0.00000214	0.0000662	0.000716	0.00197	3.81E-12
2055 May	0.0693	0.0000109	1.38	2.47	0.0456	0.000216	4.63	0.00134	0.0542	0.000368	0.000209	0.0000743	0.0985	0.00000217	0.000067	0.000726	0.002	3.86E-12
2055 Jun	0.0623	0.0000103	1.25	2.17	0.0392	0.00019	4.13	0.00123	0.0506	0.000313	0.000204	0.0000666	0.0871	0.00000206	0.0000618	0.000663	0.00193	3.13E-12
2055 Jul	0.0614	0.0000103	1.23	2.13	0.038	0.000186	4.05	0.00123	0.0505	0.000303	0.000206	0.0000656	0.0853	0.00000206	0.0000614	0.000656	0.00195	2.97E-12
2055 Aug	0.0638	0.0000107	1.28	2.21	0.0394	0.000193	4.21	0.00127	0.0524	0.000314	0.000213	0.0000681	0.0885	0.00000214	0.0000637	0.00068	0.00202	3.08E-12
2055 Sep	0.0638	0.0000107	1.28	2.21	0.0393	0.000195	4.22	0.00127	0.0526	0.000313	0.000213	0.0000682	0.0887	0.00000215	0.000064	0.000679	0.00202	3.07E-12
2055 Oct	0.0641	0.0000108	1.29	2.22	0.0395	0.000197	4.24	0.00128	0.0529	0.000314	0.000214	0.0000685	0.0891	0.00000216	0.0000643	0.000682	0.00203	3.08E-12
2055 Nov	0.0642	0.0000108	1.29	2.23	0.0396	0.000198	4.25	0.00128	0.053	0.000315	0.000214	0.0000686	0.0893	0.00000216	0.0000645	0.000683	0.00203	3.08E-12
2055 Dec	0.0643	0.0000108	1.29	2.23	0.0396	0.000198	4.25	0.00128	0.053	0.000315	0.000214	0.0000686	0.0893	0.00000217	0.0000645	0.000683	0.00203	3.08E-12
2056 Jan	0.0643	0.0000108	1.29	2.23	0.0396	0.000198	4.25	0.00128	0.053	0.000315	0.000214	0.0000686	0.0894	0.00000217	0.0000646	0.000683	0.00203	3.08E-12
2056 Feb	0.0643	0.0000108	1.3	2.23	0.0396	0.000198	4.26	0.00128	0.053	0.000315	0.000214	0.0000686	0.0894	0.00000217	0.0000646	0.000684	0.00203	3.08E-12
2056 Mar	0.0644	0.0000108	1.3	2.23	0.0397	0.000198	4.26	0.00128	0.053	0.000315	0.000214	0.0000687	0.0895	0.00000217	0.0000646	0.000684	0.00203	3.08E-12
2056 Apr	0.0646	0.0000109	1.3	2.24	0.0398	0.000199	4.28	0.00129	0.0532	0.000317	0.000215	0.000069	0.0899	0.00000217	0.0000649	0.000687	0.00204	3.09E-12
2056 May	0.0667	0.000011	1.34	2.33	0.0422	0.000201	4.41	0.00132	0.0539	0.000337	0.000218	0.0000713	0.0933	0.00000219	0.0000658	0.000711	0.00206	3.04E-12
2056 Jun	0.0694	0.0000103	1.37	2.49	0.0483	0.000191	4.57	0.00131	0.0518	0.000396	0.000209	0.000075	0.0992	0.00000207	0.0000638	0.000748	0.00193	2.51E-12
2056 Jul	0.0723	0.0000108	1.42	2.59	0.0502	0.000199	4.76	0.00137	0.054	0.000411	0.000218	0.0000781	0.103	0.00000216	0.0000665	0.000778	0.00202	2.61E-12
2056 Aug	0.0738	0.000011	1.45	2.65	0.0511	0.000205	4.87	0.0014	0.0553	0.000418	0.000222	0.0000798	0.105	0.00000221	0.000068	0.000791	0.00206	2.65E-12
2056 Sep	0.0755	0.0000113	1.49	2.71	0.0522	0.000211	4.99	0.00143	0.0566	0.000427	0.000226	0.0000816	0.108	0.00000226	0.0000697	0.000808	0.0021	2.71E-12

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0745	0.0000112	1.47	2.68	0.0514	0.00021	4.93	0.00141	0.0559	0.00042	0.000223	0.0000805	0.107	0.00000223	0.000069	0.000796	0.00208	2.66E-12
2056 Nov	0.0743	0.0000112	1.47	2.67	0.0512	0.000212	4.92	0.00141	0.0559	0.000418	0.000222	0.0000802	0.106	0.00000223	0.000069	0.000793	0.00207	2.65E-12
2056 Dec	0.0743	0.0000112	1.47	2.67	0.0512	0.000212	4.92	0.00141	0.0559	0.000418	0.000222	0.0000802	0.106	0.00000223	0.000069	0.000793	0.00207	2.65E-12
2057 Jan	0.0744	0.0000112	1.47	2.67	0.0512	0.000212	4.93	0.00141	0.0559	0.000418	0.000222	0.0000803	0.106	0.00000223	0.0000691	0.000793	0.00207	2.65E-12
2057 Feb	0.0744	0.0000112	1.47	2.67	0.0513	0.000213	4.93	0.00141	0.0559	0.000418	0.000222	0.0000803	0.106	0.00000223	0.0000691	0.000793	0.00207	2.65E-12
2057 Mar	0.0745	0.0000112	1.47	2.68	0.0513	0.000213	4.93	0.00141	0.056	0.000419	0.000222	0.0000804	0.107	0.00000223	0.0000692	0.000794	0.00207	2.65E-12
2057 Apr	0.0748	0.0000112	1.48	2.69	0.0515	0.000214	4.95	0.00142	0.0562	0.00042	0.000223	0.0000807	0.107	0.00000224	0.0000694	0.000797	0.00208	2.66E-12
2057 May	0.0761	0.0000114	1.5	2.74	0.0525	0.000217	5.04	0.00144	0.0572	0.000428	0.000226	0.0000821	0.109	0.00000228	0.0000706	0.000812	0.00212	2.7E-12
2057 Jun	0.0714	0.0000107	1.41	2.56	0.0495	0.000196	4.7	0.00135	0.0535	0.000405	0.000217	0.0000772	0.102	0.00000214	0.0000657	0.00077	0.002	2.2E-12
2057 Jul	0.0726	0.0000109	1.43	2.6	0.0501	0.000199	4.78	0.00138	0.0546	0.00041	0.000222	0.0000784	0.103	0.00000218	0.000067	0.000783	0.00205	2.22E-12
2057 Aug	0.0776	0.0000117	1.53	2.78	0.0535	0.000213	5.11	0.00147	0.0583	0.000437	0.000237	0.0000838	0.11	0.00000234	0.0000716	0.000836	0.00219	2.37E-12
2057 Sep	0.0791	0.0000119	1.56	2.83	0.0546	0.000217	5.21	0.0015	0.0595	0.000446	0.000241	0.0000854	0.113	0.00000238	0.000073	0.000853	0.00223	2.42E-12
2057 Oct	0.0788	0.0000119	1.55	2.82	0.0543	0.000218	5.19	0.0015	0.0593	0.000443	0.00024	0.000085	0.112	0.00000237	0.0000729	0.000848	0.00222	2.4E-12
2057 Nov	0.0788	0.0000119	1.55	2.82	0.0542	0.00022	5.2	0.0015	0.0594	0.000443	0.00024	0.000085	0.112	0.00000238	0.0000731	0.000847	0.00222	2.4E-12
2057 Dec	0.0788	0.0000119	1.55	2.82	0.0542	0.00022	5.2	0.0015	0.0595	0.000442	0.00024	0.000085	0.112	0.00000238	0.0000731	0.000847	0.00222	2.4E-12
2058 Jan	0.0788	0.0000119	1.56	2.82	0.0542	0.00022	5.2	0.0015	0.0595	0.000442	0.000239	0.000085	0.112	0.00000238	0.0000732	0.000847	0.00222	2.4E-12
2058 Feb	0.0789	0.0000119	1.56	2.82	0.0542	0.00022	5.2	0.0015	0.0595	0.000443	0.00024	0.0000851	0.112	0.00000238	0.0000732	0.000848	0.00222	2.4E-12
2058 Mar	0.0789	0.0000119	1.56	2.82	0.0543	0.00022	5.2	0.0015	0.0595	0.000443	0.00024	0.0000851	0.112	0.00000238	0.0000732	0.000848	0.00222	2.4E-12
2058 Apr	0.0791	0.0000119	1.56	2.83	0.0544	0.000221	5.22	0.0015	0.0596	0.000444	0.00024	0.0000853	0.113	0.00000238	0.0000734	0.00085	0.00223	2.4E-12
2058 May	0.0814	0.000012	1.6	2.94	0.0573	0.000222	5.36	0.00153	0.0601	0.00047	0.000242	0.000088	0.117	0.00000239	0.0000741	0.000877	0.00223	2.32E-12
2058 Jun	0.0805	0.0000106	1.55	2.98	0.0616	0.000198	5.29	0.00145	0.0547	0.000514	0.00022	0.0000879	0.118	0.00000213	0.0000681	0.000878	0.00198	1.7E-12
2058 Jul	0.0826	0.0000109	1.59	3.05	0.0631	0.000203	5.42	0.00149	0.0561	0.000526	0.000226	0.0000901	0.121	0.00000218	0.0000699	0.0009	0.00203	1.74E-12
2058 Aug	0.086	0.0000114	1.66	3.18	0.0656	0.000212	5.64	0.00155	0.0584	0.000548	0.000236	0.0000938	0.126	0.00000227	0.0000727	0.000936	0.00212	1.81E-12
2058 Sep	0.086	0.0000114	1.66	3.18	0.0656	0.000214	5.65	0.00155	0.0586	0.000547	0.000235	0.0000939	0.126	0.00000228	0.000073	0.000936	0.00212	1.81E-12
2058 Oct	0.0857	0.0000114	1.65	3.17	0.0652	0.000216	5.64	0.00154	0.0585	0.000543	0.000234	0.0000934	0.125	0.00000227	0.0000729	0.00093	0.00211	1.79E-12
2058 Nov	0.0858	0.0000114	1.66	3.17	0.0653	0.000217	5.65	0.00155	0.0586	0.000544	0.000234	0.0000935	0.125	0.00000228	0.0000731	0.000931	0.00211	1.8E-12
2058 Dec	0.0858	0.0000114	1.66	3.17	0.0652	0.000217	5.65	0.00155	0.0586	0.000544	0.000234	0.0000935	0.125	0.00000228	0.0000732	0.000931	0.00211	1.8E-12
2059 Jan	0.0858	0.0000114	1.66	3.17	0.0653	0.000217	5.65	0.00155	0.0586	0.000544	0.000234	0.0000935	0.125	0.00000228	0.0000732	0.000931	0.00211	1.8E-12
2059 Feb	0.0858	0.0000114	1.66	3.18	0.0653	0.000217	5.65	0.00155	0.0586	0.000544	0.000234	0.0000936	0.126	0.00000228	0.0000732	0.000932	0.00211	1.8E-12
2059 Mar	0.0859	0.0000114	1.66	3.18	0.0653	0.000217	5.65	0.00155	0.0586	0.000544	0.000234	0.0000936	0.126	0.00000228	0.0000732	0.000932	0.00211	1.79E-12
2059 Apr	0.0861	0.0000114	1.66	3.19	0.0655	0.000218	5.67	0.00155	0.0588	0.000546	0.000235	0.0000938	0.126	0.00000229	0.0000734	0.000935	0.00212	1.8E-12
2059 May	0.0876	0.0000115	1.69	3.25	0.067	0.00022	5.77	0.00158	0.0595	0.000559	0.000237	0.0000955	0.128	0.00000231	0.0000743	0.000952	0.00214	1.79E-12
2059 Jun	0.0888	0.0000113	1.7	3.32	0.0696	0.000215	5.84	0.00158	0.0587	0.000584	0.000235	0.0000972	0.131	0.00000226	0.0000735	0.000969	0.0021	1.61E-12
2059 Jul	0.0945	0.000012	1.81	3.53	0.074	0.000229	6.21	0.00168	0.0625	0.00062	0.00025	0.000103	0.139	0.00000241	0.0000782	0.00103	0.00223	1.71E-12
2059 Aug	0.0996	0.0000127	1.91	3.72	0.078	0.000241	6.54	0.00177	0.0658	0.000654	0.000263	0.000109	0.147	0.00000254	0.0000825	0.00109	0.00235	1.8E-12
2059 Sep	0.1	0.0000128	1.92	3.74	0.0783	0.000246	6.59	0.00178	0.0664	0.000656	0.000264	0.00011	0.148	0.00000256	0.0000833	0.00109	0.00237	1.81E-12
2059 Oct	0.0941	0.0000122	1.81	3.51	0.0724	0.000249	6.24	0.00168	0.0634	0.000604	0.000244	0.000102	0.139	0.00000243	0.0000801	0.00101	0.00222	1.67E-12
2059 Nov	0.0935	0.0000121	1.81	3.49	0.0717	0.000252	6.21	0.00167	0.0632	0.000598	0.000241	0.000102	0.138	0.00000242	0.00008	0.001	0.00221	1.65E-12
2059 Dec	0.0935	0.0000121	1.81	3.49	0.0717	0.000252	6.21	0.00167	0.0633	0.000597	0.000241	0.000102	0.138	0.00000242	0.00008	0.001	0.00221	1.65E-12
2060 Jan	0.0935	0.0000121	1.81	3.49	0.0717	0.000252	6.21	0.00167	0.0633	0.000597	0.000241	0.000102	0.138	0.00000242	0.00008	0.001	0.00221	1.65E-12
2060 Feb	0.0935	0.0000121	1.81	3.5	0.0717	0.000252	6.21	0.00167	0.0633	0.000598	0.000241	0.000102	0.138	0.00000243	0.0000801	0.001	0.00221	1.65E-12
2060 Mar	0.0936	0.0000121	1.81	3.5	0.0718	0.000253	6.22	0.00167	0.0633	0.000598	0.000241	0.000102	0.138	0.00000243	0.0000801	0.001	0.00221	1.65E-12
2060 Apr	0.094	0.0000122	1.81	3.51	0.0721	0.000254	6.24	0.00168	0.0636	0.0006	0.000242	0.000102	0.139	0.00000244	0.0000804	0.00101	0.00222	1.65E-12
2060 May	0.0952	0.0000122	1.83	3.57	0.0738	0.000253	6.32	0.00169	0.0637	0.000616	0.000243	0.000104	0.141	0.00000243	0.0000807	0.00102	0.00222	1.6E-12
2060 Jun	0.0924	0.0000115	1.77	3.48	0.073	0.000236	6.11	0.00162	0.0604	0.000612	0.000233	0.000101	0.137	0.0000023	0.0000765	0.000998	0.0021	1.37E-12
2060 Jul	0.0976	0.0000122	1.87	3.68	0.0771	0.000249	6.46	0.00172	0.0639	0.000646	0.000246	0.000107	0.145	0.00000243	0.000081	0.00105	0.00222	1.45E-12
2060 Aug	0.0992	0.0000124	1.91	3.74	0.0781	0.000257	6.58	0.00175	0.0652	0.000654	0.00025	0.000108	0.147	0.00000248	0.0000826	0.00107	0.00226	1.47E-12
2060 Sep	0.0934	0.0000119	1.81	3.53	0.0727	0.00026	6.27	0.00166	0.0623	0.000606	0.000232	0.000103	0.139	0.00000239	0.0000794	0.000992	0.00214	1.35E-12
2060 Oct	0.0926	0.0000119	1.8	3.49	0.0718	0.00026	6.22	0.00165	0.0619	0.000598	0.000229	0.000102	0.138	0.00000237	0.0000789	0.000981	0.00212	1.34E-12
2060 Nov	0.0921	0.0000118	1.79	3.48	0.0714	0.00026	6.19	0.00164	0.0617	0.000594	0.000227	0.000101	0.137	0.00000236	0.0000787	0.000974	0.00211	1.33E-12
2060 Dec	0.0921	0.0000118	1.79	3.48	0.0713	0.000261	6.19	0.00164	0.0617	0.000594	0.000227	0.000101	0.137	0.00000236	0.0000788	0.000974	0.00211	1.33E-12
2061 Jan	0.0921	0.0000118	1.79	3.48	0.0713	0.000261	6.19	0.00164	0.0617	0.000594	0.000227	0.000101	0.137	0.00000236	0.0000788	0.000974	0.00211	1.33E-12
2061 Feb	0.0921	0.0000118	1.79	3.48	0.0714	0.000261	6.19	0.00164	0.0617	0.000594	0.000227	0.000101	0.137	0.00000236	0.0000788	0.000974	0.00211	1.33E-12
2061 Mar	0.0922	0.0000118	1.79	3.48	0.0714	0.000261	6.19	0.00164	0.0617	0.000594	0.000227	0.000101	0.138	0.00000236	0.0000788	0.000975	0.00211	1.33E-12
2061 Apr	0.0925	0.0000119	1.8	3.49	0.0717	0.000262	6.22	0.00165	0.0619	0.000596	0.000228	0.000101	0.138	0.00000237	0.0000791	0.000979	0.00212	1.33E-12
2061 May	0.0942	0.0000118	1.82	3.57	0.0741	0.00026	6.32	0.00166	0.062	0.000618	0.000229	0.000103	0.141	0.00000236	0.0000793	0.001	0.00211	1.27E-12
2061 Jun	0.0895	0.0000108	1.72	3.41	0.0721	0.000234	5.97	0.00156	0.0572	0.000605	0.000215	0.0000985	0.134	0.00000217	0.0000732	0.000959	0.00195	1.03E-12
2061 Jul	0.0942	0.0000114	1.81	3.59	0.0757	0.000246	6.29	0.00164	0.0604	0.000636	0.000227	0.000104	0.141	0.00000229	0.0000772	0.00101	0.00205	1.08E-12
2061 Aug	0.0991	0.000012	1.9	3.77	0.0797	0.000259	6.61	0.00173	0.0635	0.000669	0.000238	0.000109	0.149	0.00000241	0.0000812	0.00106	0.00216	1.14E-12
2061 Sep	0.1	0.0000122	1.93	3.82	0.0807	0.000263	6.7	0.00175	0.0644	0.000678	0.000242	0.000111	0.151	0.00000244	0.0000823	0.00108	0.00219	1.16E-12
2061 Oct	0.0965	0.0000118	1.86	3.67	0.0769	0.000264	6.47	0.00169	0.0625	0.000644	0.00023	0.000106	0.145	0.00000236	0.0000802	0.00103	0.00211	1.1E-12
2061 Nov	0.0951	0.0000117	1.84	3.62	0.0753	0.000268	6.39	0.00167	0.0621	0.000629	0.000225	0.000104	0.143	0.00000234	0.0000799	0.00101	0.00208	1.07E-12
2061 Dec	0.095	0.0000117	1.84	3.62	0.0752	0.000268	6.39	0.00167	0.0621	0.000629	0.000225	0.000104	0.143	0.00000234	0.0000799	0.00101	0.00208	1.07E-12
2062 Jan	0.0951	0.0000117	1.84	3.62	0.0752	0.000268	6.39	0.00167	0.0621	0.000629	0.000225	0.000104	0.143	0.00000234	0.0000799	0.00101	0.00208	1.07E-12
2062 Feb	0.0951	0.0000117	1.84	3.62	0.0753	0.000268	6.4	0.00167	0.0621	0.000629	0.000225	0.000104	0.143	0.00000234	0.00008	0.00101	0.00208	1.07E-12
2062 Mar	0.0952	0.0000117	1.84	3.63	0.0754	0.000268	6.41	0.00167	0.0622	0.00063	0.000225	0.000104	0.143	0.00000235	0.0000801	0.00101	0.00208	1.07E-12
2062 Apr	0.0956	0.0000118	1.85	3.64	0.0757	0.00027	6.43	0.00167	0.0624	0.000632	0.000226	0.000105	0.144	0.00000236	0.0000804	0.00101	0.00209	1.08E-12
2062 May	0.0968	0.0000119	1.87	3.69	0.0766	0.000273	6.51	0.00169	0.0632	0.00064	0.000229	0.000106	0.145	0.00000239	0.0000813	0.00102	0.00211	1.09E-12
2062 Jun	0.0868	0.0000113	1.69	3.26	0.0665	0.000243	5.8	0.00155	0.0589	0.000553	0.000221	0.0000948	0.129	0.00000226	0.0000748	0.000926	0.00204	9.2E-13
2062 Jul	0.0834	0.0000112	1.62	3.1	0.0628	0.000232	5.56	0.00151	0.0577	0.00052	0.000221	0.0000909	0.123	0.00000223	0.0000729	0.000892	0.00204	8.53E-13
2062 Aug	0.0842	0.0000113	1.64	3.13	0.0631	0.000238	5.63	0.00153	0.0585	0.000523	0.000222	0.0000919	0.124	0.00000227	0.0000739	0.000897	0.00206	8.56E-13
2062 Sep	0.0825	0.0000112	1.61	3.07	0.0615	0.00024	5.53	0.0015	0.0577	0.000508	0.000216	0.00009	0.122	0.00000224	0.000073	0.000875	0.00202	8.33E-13
2062 Oct	0.0748	0.0000104	1.48	2.79	0.0538	0.000252	5.11	0.00137	0.0542	0.00044	0.000188	0.0000807	0.111	0.00000208	0.0000697	0.00077	0.00183	7.18E-13
2062 Nov	0.0747	0.0000104	1.48	2.79	0.0536	0.000254	5.11	0.00137	0.0543	0.000438	0.000187	0.0000806	0.111	0.00000208	0.0000699	0.000767	0.00183	7.15E-13
2062 Dec	0.0747	0.0000104	1.48	2.79	0.0536	0.000254	5.11	0.00137	0.0543	0.000438	0.000187	0.0000806	0.111	0.00000208	0.0000699	0.000767	0.00183	7.15E-13
2063 Jan	0.0747	0.0000104	1.48	2.79	0.0536	0.000254	5.11	0.00137	0.0543	0.000438	0.000187	0.0000806	0.111	0.00000208	0.00007	0.000767	0.00183	7.15E-13
2063 Feb	0.0748	0.0000104	1.48	2.79	0.0536	0.000254	5.11	0.00137	0.0543	0.000438	0.000187	0.0000806	0.111	0.00000209	0.00007	0.000768	0.00183	7.14E-13

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0748	0.0000104	1.48	2.79	0.0537	0.000254	5.11	0.00137	0.0543	0.000438	0.000187	0.0000806	0.111	0.00000209	0.00007	0.000768	0.00183	7.15E-13
2063 Apr	0.075	0.0000105	1.48	2.8	0.0538	0.000255	5.13	0.00138	0.0544	0.000439	0.000188	0.0000808	0.111	0.00000209	0.0000701	0.00077	0.00183	7.16E-13
2063 May	0.0764	0.0000105	1.51	2.86	0.0554	0.000256	5.22	0.0014	0.0549	0.000454	0.00019	0.0000825	0.113	0.00000211	0.0000708	0.000787	0.00185	7.07E-13
2063 Jun	0.0713	0.00000945	1.39	2.67	0.0536	0.000213	4.79	0.00128	0.0494	0.000443	0.000181	0.0000774	0.106	0.00000189	0.0000631	0.000753	0.00169	4.99E-13
2063 Jul	0.0712	0.00000951	1.39	2.66	0.0533	0.000212	4.79	0.00129	0.0496	0.000441	0.000182	0.0000773	0.105	0.0000019	0.0000632	0.000753	0.00171	4.95E-13
2063 Aug	0.0749	0.00001	1.46	2.8	0.056	0.000224	5.03	0.00135	0.0521	0.000463	0.000191	0.0000812	0.111	0.000002	0.0000665	0.00079	0.0018	5.2E-13
2063 Sep	0.075	0.0000101	1.47	2.8	0.0558	0.00023	5.06	0.00136	0.0525	0.000461	0.000191	0.0000815	0.111	0.00000202	0.0000671	0.000787	0.0018	5.17E-13
2063 Oct	0.0738	0.00000997	1.45	2.76	0.0548	0.000229	4.99	0.00134	0.0519	0.000451	0.000187	0.0000802	0.109	0.00000199	0.0000664	0.000773	0.00177	5.06E-13
2063 Nov	0.0737	0.00000997	1.45	2.76	0.0545	0.000232	4.99	0.00134	0.0519	0.000449	0.000186	0.0000799	0.109	0.00000199	0.0000666	0.000769	0.00177	5.03E-13
2063 Dec	0.0737	0.00000998	1.45	2.76	0.0545	0.000232	4.99	0.00134	0.052	0.000449	0.000186	0.00008	0.109	0.000002	0.0000667	0.000769	0.00177	5.03E-13
2064 Jan	0.0737	0.00000998	1.45	2.76	0.0545	0.000232	5	0.00134	0.052	0.000449	0.000186	0.00008	0.109	0.000002	0.0000667	0.000769	0.00177	5.03E-13
2064 Feb	0.0737	0.00000998	1.45	2.76	0.0545	0.000232	5	0.00134	0.052	0.000449	0.000186	0.00008	0.109	0.000002	0.0000667	0.00077	0.00177	5.03E-13
2064 Mar	0.0739	0.00000999	1.45	2.76	0.0546	0.000233	5.01	0.00134	0.0521	0.000449	0.000186	0.0000801	0.11	0.000002	0.0000668	0.000771	0.00177	5.03E-13
2064 Apr	0.0741	0.00001	1.45	2.77	0.0548	0.000233	5.02	0.00134	0.0522	0.000451	0.000187	0.0000803	0.11	0.000002	0.0000669	0.000773	0.00178	5.05E-13
2064 May	0.0762	0.00001	1.49	2.87	0.0575	0.000232	5.15	0.00137	0.0526	0.000476	0.000189	0.0000828	0.113	0.00000201	0.0000675	0.0008	0.00178	4.81E-13
2064 Jun	0.0772	0.00000937	1.49	2.95	0.0618	0.000211	5.17	0.00135	0.0499	0.000518	0.000183	0.0000846	0.116	0.00000187	0.0000642	0.000824	0.00167	3.73E-13
2064 Jul	0.0802	0.00000974	1.54	3.06	0.0641	0.000219	5.37	0.0014	0.0518	0.000537	0.00019	0.0000878	0.12	0.00000195	0.0000666	0.000855	0.00174	3.87E-13
2064 Aug	0.0815	0.00000994	1.57	3.11	0.065	0.000225	5.47	0.00142	0.0528	0.000545	0.000193	0.0000894	0.123	0.00000199	0.0000679	0.000867	0.00177	3.92E-13
2064 Sep	0.0796	0.00000984	1.54	3.04	0.063	0.000228	5.37	0.0014	0.052	0.000527	0.000187	0.0000875	0.12	0.00000197	0.0000672	0.00084	0.00174	3.79E-13
2064 Oct	0.0799	0.00000988	1.55	3.05	0.0632	0.00023	5.4	0.0014	0.0523	0.000527	0.000187	0.0000878	0.12	0.00000198	0.0000675	0.000842	0.00174	3.79E-13
2064 Nov	0.0802	0.00000992	1.55	3.06	0.0634	0.000231	5.42	0.00141	0.0525	0.000529	0.000188	0.0000881	0.121	0.00000198	0.0000678	0.000844	0.00175	3.8E-13
2064 Dec	0.0802	0.00000992	1.55	3.06	0.0634	0.000232	5.42	0.00141	0.0525	0.000529	0.000188	0.0000881	0.121	0.00000198	0.0000678	0.000845	0.00175	3.8E-13
2065 Jan	0.0802	0.00000992	1.55	3.06	0.0634	0.000232	5.42	0.00141	0.0525	0.000529	0.000188	0.0000881	0.121	0.00000198	0.0000678	0.000845	0.00175	3.8E-13
2065 Feb	0.0802	0.00000993	1.55	3.06	0.0634	0.000232	5.42	0.00141	0.0525	0.000529	0.000188	0.0000881	0.121	0.00000199	0.0000679	0.000845	0.00175	3.8E-13
2065 Mar	0.0804	0.00000994	1.56	3.07	0.0635	0.000232	5.43	0.00141	0.0526	0.00053	0.000188	0.0000882	0.121	0.00000199	0.000068	0.000846	0.00175	3.81E-13
2065 Apr	0.0807	0.00000998	1.56	3.08	0.0638	0.000233	5.45	0.00142	0.0529	0.000532	0.000189	0.0000886	0.122	0.000002	0.0000682	0.00085	0.00176	3.83E-13
2065 May	0.0822	0.0000101	1.59	3.14	0.0653	0.000235	5.55	0.00144	0.0535	0.000546	0.000192	0.0000903	0.124	0.00000202	0.0000691	0.000867	0.00178	3.79E-13
2065 Jun	0.0785	0.00000961	1.51	2.99	0.0626	0.000215	5.27	0.00137	0.0509	0.000524	0.000187	0.0000863	0.118	0.00000192	0.0000653	0.000836	0.00171	3.21E-13
2065 Jul	0.0826	0.0000102	1.59	3.14	0.0657	0.000227	5.54	0.00145	0.0537	0.00055	0.000198	0.0000908	0.124	0.00000203	0.0000689	0.00088	0.00182	3.36E-13
2065 Aug	0.0866	0.0000107	1.67	3.3	0.0688	0.000238	5.81	0.00152	0.0563	0.000576	0.000207	0.0000952	0.13	0.00000213	0.0000723	0.000921	0.0019	3.52E-13
2065 Sep	0.0837	0.0000104	1.62	3.19	0.0658	0.000241	5.64	0.00147	0.0551	0.00055	0.000198	0.0000918	0.126	0.00000208	0.000071	0.000883	0.00184	3.35E-13
2065 Oct	0.0776	0.00000991	1.52	2.96	0.0594	0.00025	5.3	0.00138	0.0526	0.000492	0.000178	0.0000844	0.117	0.00000198	0.0000686	0.000801	0.00171	3E-13
2065 Nov	0.0771	0.00000988	1.51	2.94	0.0588	0.000253	5.28	0.00137	0.0526	0.000486	0.000176	0.0000838	0.116	0.00000198	0.0000686	0.000793	0.0017	2.96E-13
2065 Dec	0.0771	0.00000989	1.51	2.94	0.0588	0.000253	5.28	0.00137	0.0526	0.000486	0.000176	0.0000838	0.116	0.00000198	0.0000687	0.000793	0.0017	2.96E-13
2066 Jan	0.0771	0.00000989	1.51	2.94	0.0588	0.000253	5.28	0.00137	0.0526	0.000486	0.000176	0.0000838	0.116	0.00000198	0.0000687	0.000793	0.0017	2.96E-13
2066 Feb	0.0772	0.00000989	1.51	2.94	0.0588	0.000253	5.28	0.00137	0.0526	0.000487	0.000176	0.0000838	0.116	0.00000198	0.0000687	0.000793	0.0017	2.96E-13
2066 Mar	0.0773	0.00000991	1.51	2.95	0.059	0.000254	5.3	0.00137	0.0527	0.000488	0.000177	0.000084	0.117	0.00000198	0.0000689	0.000795	0.00171	2.97E-13
2066 Apr	0.0776	0.00000994	1.52	2.96	0.0592	0.000255	5.31	0.00138	0.0529	0.000489	0.000177	0.0000843	0.117	0.00000199	0.0000691	0.000798	0.00171	2.97E-13
2066 May	0.0785	0.0000101	1.54	2.99	0.0599	0.000257	5.38	0.00139	0.0535	0.000495	0.000179	0.0000853	0.118	0.00000201	0.0000699	0.000808	0.00173	3E-13
2066 Jun	0.0708	0.0000095	1.39	2.65	0.0527	0.000221	4.79	0.00128	0.0496	0.000435	0.000178	0.0000768	0.105	0.0000019	0.0000637	0.000742	0.00169	2.34E-13
2066 Jul	0.0744	0.0000101	1.46	2.78	0.055	0.000231	5.03	0.00135	0.0525	0.000453	0.000189	0.0000807	0.11	0.00000201	0.0000672	0.00078	0.0018	2.42E-13
2066 Aug	0.078	0.0000106	1.53	2.92	0.0576	0.000243	5.28	0.00142	0.0551	0.000475	0.000198	0.0000846	0.115	0.00000211	0.0000705	0.000817	0.00188	2.54E-13
2066 Sep	0.0781	0.0000106	1.53	2.92	0.0575	0.000247	5.29	0.00142	0.0553	0.000473	0.000198	0.0000846	0.116	0.00000212	0.000071	0.000815	0.00188	2.53E-13
2066 Oct	0.0763	0.0000104	1.5	2.85	0.0557	0.000249	5.19	0.00139	0.0545	0.000458	0.000191	0.0000824	0.113	0.00000209	0.0000701	0.000791	0.00184	2.44E-13
2066 Nov	0.076	0.0000104	1.5	2.84	0.0553	0.000251	5.17	0.00138	0.0544	0.000454	0.00019	0.000082	0.113	0.00000208	0.00007	0.000785	0.00183	2.42E-13
2066 Dec	0.076	0.0000104	1.5	2.84	0.0553	0.000251	5.17	0.00139	0.0544	0.000454	0.00019	0.000082	0.113	0.00000208	0.0000701	0.000785	0.00183	2.42E-13
2067 Jan	0.076	0.0000104	1.5	2.84	0.0553	0.000251	5.18	0.00139	0.0544	0.000454	0.00019	0.000082	0.113	0.00000208	0.0000701	0.000786	0.00183	2.42E-13
2067 Feb	0.0761	0.0000104	1.5	2.84	0.0554	0.000251	5.18	0.00139	0.0545	0.000454	0.00019	0.0000821	0.113	0.00000209	0.0000702	0.000786	0.00183	2.42E-13
2067 Mar	0.0762	0.0000104	1.5	2.85	0.0554	0.000252	5.19	0.00139	0.0545	0.000455	0.00019	0.0000822	0.113	0.00000209	0.0000702	0.000787	0.00184	2.42E-13
2067 Apr	0.0764	0.0000105	1.5	2.86	0.0556	0.000252	5.2	0.00139	0.0547	0.000456	0.000191	0.0000824	0.113	0.00000209	0.0000704	0.000789	0.00184	2.43E-13
2067 May	0.078	0.0000106	1.54	2.92	0.0572	0.000255	5.31	0.00142	0.0555	0.00047	0.000194	0.0000842	0.116	0.00000212	0.0000715	0.000808	0.00187	2.43E-13
2067 Jun	0.0769	0.0000102	1.5	2.89	0.0577	0.000238	5.2	0.00138	0.0534	0.000477	0.000191	0.0000833	0.114	0.00000204	0.0000686	0.000805	0.0018	2.1E-13
2067 Jul	0.0814	0.0000108	1.59	3.06	0.061	0.000252	5.5	0.00146	0.0566	0.000504	0.000202	0.0000882	0.121	0.00000216	0.0000727	0.000852	0.00192	2.22E-13
2067 Aug	0.083	0.0000111	1.62	3.11	0.0618	0.000259	5.62	0.0015	0.058	0.00051	0.000205	0.0000899	0.123	0.00000222	0.0000744	0.000862	0.00196	2.24E-13
2067 Sep	0.0837	0.0000112	1.64	3.14	0.0621	0.000263	5.67	0.00151	0.0586	0.000513	0.000207	0.0000906	0.124	0.00000224	0.0000752	0.000868	0.00197	2.25E-13
2067 Oct	0.081	0.0000109	1.59	3.04	0.0595	0.000265	5.52	0.00146	0.0572	0.00049	0.000198	0.0000874	0.12	0.00000218	0.0000738	0.000833	0.00191	2.15E-13
2067 Nov	0.0805	0.0000109	1.58	3.02	0.0589	0.000267	5.49	0.00146	0.0571	0.000485	0.000196	0.0000868	0.12	0.00000218	0.0000738	0.000825	0.0019	2.12E-13
2067 Dec	0.0805	0.0000109	1.58	3.02	0.0589	0.000268	5.5	0.00146	0.0572	0.000484	0.000195	0.0000868	0.12	0.00000218	0.0000739	0.000825	0.0019	2.12E-13
2068 Jan	0.0806	0.0000109	1.58	3.02	0.0589	0.000268	5.5	0.00146	0.0572	0.000484	0.000195	0.0000868	0.12	0.00000218	0.0000739	0.000825	0.0019	2.12E-13
2068 Feb	0.0806	0.0000109	1.59	3.02	0.059	0.000268	5.5	0.00146	0.0572	0.000485	0.000195	0.0000869	0.12	0.00000218	0.0000739	0.000826	0.0019	2.12E-13
2068 Mar	0.0808	0.0000109	1.59	3.03	0.0591	0.000269	5.51	0.00146	0.0573	0.000486	0.000196	0.000087	0.12	0.00000219	0.0000741	0.000827	0.0019	2.13E-13
2068 Apr	0.0814	0.000011	1.6	3.06	0.0596	0.000271	5.56	0.00147	0.0578	0.00049	0.000197	0.0000877	0.121	0.0000022	0.0000747	0.000834	0.00192	2.14E-13
2068 May	0.0831	0.0000111	1.63	3.13	0.0616	0.000271	5.66	0.0015	0.0583	0.000507	0.0002	0.0000897	0.124	0.00000222	0.0000753	0.000855	0.00193	2.1E-13
2068 Jun	0.079	0.00000984	1.53	3	0.0618	0.000229	5.32	0.00139	0.0523	0.000516	0.000187	0.000086	0.118	0.00000197	0.0000674	0.000831	0.00174	1.52E-13
2068 Jul	0.0806	0.0000101	1.56	3.05	0.0627	0.000234	5.42	0.00142	0.0535	0.000523	0.000191	0.0000876	0.12	0.00000202	0.0000689	0.000844	0.00178	1.54E-13
2068 Aug	0.085	0.0000107	1.64	3.22	0.066	0.000248	5.72	0.00149	0.0565	0.000551	0.000201	0.0000924	0.127	0.00000213	0.0000727	0.000889	0.00188	1.62E-13
2068 Sep	0.0848	0.0000107	1.64	3.21	0.0655	0.000252	5.72	0.00149	0.0566	0.000546	0.000199	0.000092	0.127	0.00000214	0.000073	0.000884	0.00187	1.61E-13
2068 Oct	0.0848	0.0000107	1.64	3.21	0.0654	0.000255	5.73	0.00149	0.0568	0.000545	0.000199	0.000092	0.127	0.00000214	0.0000734	0.000882	0.00187	1.6E-13
2068 Nov	0.0851	0.0000108	1.65	3.22	0.0656	0.000256	5.75	0.0015	0.057	0.000546	0.000199	0.0000923	0.127	0.00000215	0.0000737	0.000884	0.00188	1.6E-13
2068 Dec	0.0851	0.0000108	1.65	3.23	0.0656	0.000256	5.75	0.0015	0.0571	0.000546	0.000199	0.0000923	0.127	0.00000215	0.0000737	0.000885	0.00188	1.6E-13
2069 Jan	0.0851	0.0000108	1.65	3.23	0.0656	0.000256	5.75	0.0015	0.0571	0.000546	0.000199	0.0000923	0.127	0.00000215	0.0000737	0.000885	0.00188	1.6E-13
2069 Feb	0.0851	0.0000108	1.65	3.23	0.0656	0.000256	5.76	0.0015	0.0571	0.000547	0.0002	0.0000924	0.127	0.00000215	0.0000737	0.000885	0.00188	1.6E-13
2069 Mar	0.0852	0.0000108	1.65	3.23	0.0656	0.000256	5.76	0.0015	0.0571	0.000547	0.0002	0.0000924	0.127	0.00000215	0.0000737	0.000886	0.00188	1.6E-13
2069 Apr	0.0853	0.0000108	1.65	3.23	0.0658	0.000257	5.77	0.0015	0.0572	0.000548	0.0002	0.0000926	0.128	0.00000216	0.0000739	0.000887	0.00189	1.61E-13
2069 May	0.087	0.000011	1.69	3.3	0.0671	0.000262	5.88	0.00153	0.0583	0.000559	0.000204	0.0000944	0.13	0.0000022	0.0000754	0.000905	0.00192	1.64E-13
2069 Jun	0.0795	0.0000105	1.55	2.97	0.0598	0.000234	5.34	0.00143	0.0549	0.000497	0.0002	0.0000861	0.118	0.0000021	0.0000699	0.000836	0.00188	1.37E-13
2069 Jul	0.0819	0.0000109	1.59	3.06	0.0613	0.00024	5.49	0.00148	0.0568	0.000508	0.000209	0.0000887	0.121	0.00000218	0.0000723	0.000863	0.00195	1.4E-13

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0846	0.0000113	1.65	3.16	0.0633	0.000249	5.68	0.00152	0.0588	0.000525	0.000216	0.0000916	0.125	0.00000225	0.0000748	0.000891	0.00202	1.44E-13
2069 Sep	0.0817	0.000011	1.6	3.05	0.0604	0.000252	5.51	0.00148	0.0574	0.000499	0.000206	0.0000882	0.121	0.0000022	0.0000733	0.000852	0.00195	1.37E-13
2069 Oct	0.0765	0.0000105	1.51	2.86	0.0552	0.00026	5.22	0.00139	0.0551	0.000453	0.000187	0.000082	0.113	0.0000021	0.0000712	0.000781	0.00182	1.24E-13
2069 Nov	0.0762	0.0000105	1.5	2.85	0.0548	0.000262	5.21	0.00139	0.055	0.000449	0.000186	0.0000816	0.113	0.00000209	0.0000712	0.000776	0.00182	1.23E-13
2069 Dec	0.0762	0.0000105	1.5	2.85	0.0548	0.000262	5.21	0.00139	0.055	0.000449	0.000186	0.0000816	0.113	0.00000209	0.0000712	0.000776	0.00182	1.23E-13
2070 Jan	0.0762	0.0000105	1.5	2.85	0.0548	0.000262	5.21	0.00139	0.055	0.000449	0.000186	0.0000816	0.113	0.00000209	0.0000712	0.000776	0.00182	1.23E-13
2070 Feb	0.0762	0.0000105	1.5	2.85	0.0548	0.000262	5.21	0.00139	0.055	0.000449	0.000186	0.0000816	0.113	0.00000209	0.0000712	0.000776	0.00182	1.23E-13
2070 Mar	0.0763	0.0000105	1.5	2.85	0.0549	0.000262	5.22	0.00139	0.0551	0.000449	0.000186	0.0000816	0.113	0.0000021	0.0000713	0.000777	0.00182	1.23E-13
2070 Apr	0.0766	0.0000105	1.51	2.87	0.0551	0.000264	5.24	0.00139	0.0553	0.000451	0.000186	0.000082	0.114	0.00000211	0.0000716	0.000781	0.00183	1.23E-13
2070 May	0.0784	0.0000106	1.54	2.94	0.057	0.000265	5.35	0.00142	0.056	0.000468	0.00019	0.000084	0.116	0.00000213	0.0000725	0.000801	0.00185	1.22E-13
2070 Jun	0.0797	0.0000102	1.55	3.01	0.0606	0.000249	5.4	0.00141	0.0544	0.000503	0.000188	0.000086	0.119	0.00000205	0.0000704	0.000827	0.00179	1.05E-13
2070 Jul	0.0833	0.0000107	1.62	3.15	0.0632	0.00026	5.64	0.00148	0.0569	0.000525	0.000197	0.0000899	0.124	0.00000214	0.0000736	0.000864	0.00187	1.09E-13
2070 Aug	0.086	0.0000111	1.67	3.25	0.0652	0.000269	5.83	0.00153	0.0588	0.00054	0.000203	0.0000928	0.128	0.00000222	0.0000761	0.00089	0.00193	1.12E-13
2070 Sep	0.084	0.0000109	1.64	3.18	0.0631	0.000274	5.73	0.0015	0.0581	0.000522	0.000196	0.0000905	0.126	0.00000219	0.0000754	0.000863	0.00189	1.08E-13
2070 Oct	0.0814	0.0000107	1.59	3.08	0.0605	0.000276	5.57	0.00145	0.0569	0.000499	0.000188	0.0000874	0.122	0.00000214	0.0000742	0.000829	0.00183	1.03E-13
2070 Nov	0.0812	0.0000107	1.59	3.07	0.0601	0.000278	5.56	0.00145	0.0569	0.000495	0.000187	0.000087	0.121	0.00000214	0.0000743	0.000825	0.00183	1.03E-13
2070 Dec	0.0812	0.0000107	1.59	3.07	0.0601	0.000278	5.57	0.00145	0.0569	0.000495	0.000187	0.000087	0.121	0.00000214	0.0000743	0.000824	0.00183	1.03E-13
2071 Jan	0.0812	0.0000107	1.59	3.07	0.0601	0.000278	5.57	0.00145	0.0569	0.000495	0.000187	0.000087	0.121	0.00000214	0.0000743	0.000824	0.00183	1.03E-13
2071 Feb	0.0812	0.0000107	1.59	3.07	0.0601	0.000278	5.57	0.00145	0.0569	0.000495	0.000187	0.000087	0.121	0.00000214	0.0000743	0.000825	0.00183	1.03E-13
2071 Mar	0.0812	0.0000107	1.59	3.07	0.0601	0.000278	5.57	0.00145	0.0569	0.000495	0.000187	0.0000871	0.121	0.00000214	0.0000743	0.000825	0.00183	1.03E-13
2071 Apr	0.0814	0.0000107	1.6	3.08	0.0603	0.000279	5.58	0.00145	0.057	0.000496	0.000187	0.0000872	0.122	0.00000214	0.0000745	0.000827	0.00183	1.03E-13
2071 May	0.082	0.0000107	1.6	3.11	0.0612	0.000277	5.62	0.00146	0.057	0.000505	0.000188	0.000088	0.123	0.00000214	0.0000745	0.000835	0.00183	1.01E-13
2071 Jun	0.0788	0.00001	1.53	2.99	0.06	0.000251	5.35	0.00139	0.0536	0.000498	0.000182	0.0000849	0.118	0.00000201	0.0000697	0.000814	0.00174	8.47E-14
2071 Jul	0.0806	0.0000103	1.57	3.05	0.0611	0.000256	5.47	0.00143	0.055	0.000507	0.000188	0.0000868	0.12	0.00000207	0.0000715	0.000833	0.0018	8.61E-14
2071 Aug	0.0838	0.0000108	1.63	3.18	0.0636	0.000267	5.7	0.00148	0.0573	0.000527	0.000196	0.0000904	0.125	0.00000215	0.0000744	0.000866	0.00187	8.95E-14
2071 Sep	0.0819	0.0000106	1.6	3.1	0.0618	0.000268	5.59	0.00145	0.0564	0.000511	0.00019	0.0000883	0.123	0.00000212	0.0000734	0.000842	0.00183	8.67E-14
2071 Oct	0.0806	0.0000105	1.57	3.05	0.0605	0.000268	5.5	0.00143	0.0557	0.000499	0.000186	0.0000867	0.121	0.00000209	0.0000727	0.000825	0.0018	8.47E-14
2071 Nov	0.0801	0.0000104	1.57	3.04	0.06	0.000269	5.48	0.00143	0.0556	0.000495	0.000184	0.0000861	0.12	0.00000209	0.0000726	0.000818	0.00179	8.4E-14
2071 Dec	0.0801	0.0000104	1.57	3.04	0.0599	0.00027	5.48	0.00143	0.0556	0.000494	0.000184	0.0000861	0.12	0.00000209	0.0000726	0.000817	0.00179	8.38E-14
2072 Jan	0.0801	0.0000104	1.57	3.04	0.0599	0.00027	5.48	0.00143	0.0556	0.000494	0.000184	0.0000861	0.12	0.00000209	0.0000727	0.000817	0.00179	8.38E-14
2072 Feb	0.0801	0.0000104	1.57	3.04	0.0599	0.00027	5.49	0.00143	0.0556	0.000494	0.000184	0.0000861	0.12	0.00000209	0.0000727	0.000818	0.00179	8.38E-14
2072 Mar	0.0802	0.0000104	1.57	3.04	0.06	0.00027	5.49	0.00143	0.0557	0.000494	0.000184	0.0000861	0.12	0.00000209	0.0000727	0.000818	0.00179	8.38E-14
2072 Apr	0.0805	0.0000105	1.57	3.05	0.0602	0.000271	5.51	0.00143	0.0558	0.000496	0.000184	0.0000864	0.121	0.00000209	0.0000729	0.000821	0.0018	8.4E-14
2072 May	0.0818	0.0000106	1.6	3.1	0.0612	0.000276	5.6	0.00146	0.0568	0.000504	0.000187	0.0000878	0.123	0.00000213	0.0000742	0.000835	0.00183	8.54E-14
2072 Jun	0.0771	0.0000104	1.51	2.89	0.0563	0.000256	5.25	0.0014	0.055	0.000462	0.000189	0.0000827	0.114	0.00000209	0.000071	0.000794	0.00183	7.67E-14
2072 Jul	0.0779	0.0000107	1.53	2.9	0.0563	0.000258	5.3	0.00142	0.056	0.000462	0.000193	0.0000834	0.115	0.00000214	0.0000721	0.0008	0.00187	7.6E-14
2072 Aug	0.076	0.0000107	1.51	2.84	0.054	0.000269	5.25	0.0014	0.0555	0.00044	0.000185	0.0000822	0.113	0.00000214	0.0000718	0.000765	0.00184	7.23E-14
2072 Sep	0.0742	0.0000106	1.49	2.78	0.0522	0.000274	5.16	0.00137	0.0547	0.000423	0.000178	0.0000805	0.111	0.00000212	0.000071	0.000737	0.0018	6.94E-14
2072 Oct	0.0714	0.0000103	1.44	2.67	0.0496	0.000275	4.99	0.00133	0.0533	0.0004	0.000169	0.0000771	0.107	0.00000205	0.0000695	0.000702	0.00173	6.56E-14
2072 Nov	0.071	0.0000102	1.43	2.66	0.0492	0.000276	4.98	0.00132	0.0532	0.000397	0.000167	0.0000767	0.106	0.00000205	0.0000694	0.000697	0.00172	6.5E-14
2072 Dec	0.071	0.0000102	1.43	2.66	0.0491	0.000277	4.98	0.00132	0.0532	0.000396	0.000167	0.0000767	0.106	0.00000205	0.0000695	0.000696	0.00172	6.49E-14
2073 Jan	0.071	0.0000102	1.43	2.66	0.0492	0.000277	4.98	0.00132	0.0532	0.000396	0.000167	0.0000767	0.106	0.00000205	0.0000695	0.000696	0.00172	6.49E-14
2073 Feb	0.0711	0.0000102	1.43	2.66	0.0492	0.000277	4.98	0.00132	0.0532	0.000397	0.000167	0.0000767	0.106	0.00000205	0.0000695	0.000697	0.00172	6.49E-14
2073 Mar	0.0711	0.0000103	1.43	2.67	0.0492	0.000277	4.98	0.00132	0.0532	0.000397	0.000167	0.0000767	0.106	0.00000205	0.0000695	0.000697	0.00172	6.49E-14
2073 Apr	0.0716	0.0000103	1.44	2.69	0.0496	0.000279	5.02	0.00133	0.0536	0.0004	0.000169	0.0000773	0.107	0.00000206	0.00007	0.000702	0.00173	6.54E-14
2073 May	0.0743	0.0000103	1.48	2.8	0.053	0.000276	5.17	0.00136	0.054	0.000431	0.000173	0.0000804	0.111	0.00000207	0.0000706	0.000737	0.00175	6.22E-14
2073 Jun	0.0758	0.00000995	1.49	2.88	0.0568	0.000256	5.22	0.00136	0.0525	0.000468	0.000173	0.0000825	0.114	0.00000199	0.0000684	0.000768	0.0017	5.29E-14
2073 Jul	0.078	0.0000103	1.54	2.96	0.0584	0.000264	5.37	0.0014	0.0541	0.000481	0.000179	0.0000849	0.117	0.00000205	0.0000705	0.000791	0.00175	5.43E-14
2073 Aug	0.0806	0.0000106	1.59	3.06	0.0602	0.000273	5.55	0.00145	0.0559	0.000496	0.000185	0.0000877	0.121	0.00000213	0.0000729	0.000816	0.00181	5.6E-14
2073 Sep	0.0801	0.0000106	1.58	3.04	0.0597	0.000274	5.52	0.00144	0.0558	0.000492	0.000183	0.0000871	0.121	0.00000212	0.0000727	0.000809	0.0018	5.55E-14
2073 Oct	0.0777	0.0000103	1.54	2.95	0.0574	0.000274	5.38	0.0014	0.0546	0.000471	0.000176	0.0000843	0.117	0.00000207	0.0000714	0.000779	0.00175	5.31E-14
2073 Nov	0.0771	0.0000103	1.53	2.93	0.0567	0.000277	5.35	0.00139	0.0544	0.000465	0.000173	0.0000835	0.116	0.00000206	0.0000714	0.00077	0.00174	5.24E-14
2073 Dec	0.0771	0.0000103	1.53	2.93	0.0567	0.000277	5.35	0.00139	0.0545	0.000465	0.000173	0.0000836	0.116	0.00000206	0.0000714	0.00077	0.00174	5.24E-14
2074 Jan	0.0771	0.0000103	1.53	2.93	0.0567	0.000277	5.35	0.00139	0.0545	0.000465	0.000173	0.0000836	0.116	0.00000206	0.0000714	0.00077	0.00174	5.24E-14
2074 Feb	0.0772	0.0000103	1.53	2.93	0.0568	0.000277	5.36	0.00139	0.0545	0.000465	0.000173	0.0000836	0.116	0.00000206	0.0000714	0.000771	0.00174	5.24E-14
2074 Mar	0.0772	0.0000103	1.53	2.93	0.0568	0.000277	5.36	0.00139	0.0545	0.000465	0.000173	0.0000836	0.116	0.00000206	0.0000715	0.000771	0.00174	5.24E-14
2074 Apr	0.0777	0.0000104	1.54	2.95	0.0572	0.000279	5.39	0.0014	0.0548	0.000468	0.000175	0.0000841	0.117	0.00000208	0.0000719	0.000776	0.00175	5.27E-14
2074 May	0.081	0.0000104	1.59	3.1	0.0617	0.000273	5.58	0.00144	0.0552	0.00051	0.00018	0.0000881	0.122	0.00000207	0.0000723	0.000821	0.00176	4.84E-14
2074 Jun	0.081	0.00000963	1.56	3.13	0.0651	0.000243	5.51	0.0014	0.0519	0.000545	0.000176	0.0000887	0.123	0.00000193	0.0000679	0.000841	0.00165	3.76E-14
2074 Jul	0.085	0.0000101	1.64	3.28	0.0682	0.000255	5.78	0.00147	0.0544	0.000571	0.000184	0.0000931	0.129	0.00000202	0.0000713	0.000882	0.00174	3.94E-14
2074 Aug	0.0898	0.0000107	1.73	3.47	0.0721	0.000269	6.11	0.00155	0.0576	0.000604	0.000195	0.0000984	0.137	0.00000214	0.0000753	0.000932	0.00183	4.16E-14
2074 Sep	0.0879	0.0000105	1.7	3.39	0.07	0.000272	6	0.00152	0.0568	0.000585	0.000189	0.0000961	0.134	0.00000211	0.0000746	0.000907	0.0018	4.03E-14
2074 Oct	0.086	0.0000104	1.67	3.32	0.0681	0.000273	5.89	0.00149	0.0561	0.000568	0.000184	0.0000939	0.131	0.00000208	0.0000738	0.000882	0.00176	3.91E-14
2074 Nov	0.0857	0.0000104	1.66	3.31	0.0677	0.000274	5.87	0.00149	0.056	0.000565	0.000183	0.0000935	0.13	0.00000207	0.0000737	0.000878	0.00176	3.89E-14
2074 Dec	0.0857	0.0000104	1.66	3.31	0.0677	0.000274	5.87	0.00149	0.056	0.000564	0.000183	0.0000934	0.13	0.00000207	0.0000737	0.000878	0.00176	3.88E-14
2075 Jan	0.0857	0.0000104	1.66	3.31	0.0677	0.000274	5.87	0.00149	0.056	0.000564	0.000183	0.0000934	0.13	0.00000207	0.0000737	0.000878	0.00176	3.88E-14
2075 Feb	0.0857	0.0000104	1.66	3.31	0.0677	0.000274	5.88	0.00149	0.056	0.000564	0.000183	0.0000935	0.13	0.00000207	0.0000737	0.000878	0.00176	3.88E-14
2075 Mar	0.0858	0.0000104	1.67	3.31	0.0678	0.000275	5.88	0.00149	0.0561	0.000565	0.000183	0.0000936	0.131	0.00000208	0.0000738	0.000879	0.00176	3.89E-14
2075 Apr	0.0863	0.0000104	1.68	3.33	0.0682	0.000276	5.92	0.0015	0.0564	0.000568	0.000184	0.0000941	0.131	0.00000209	0.0000742	0.000884	0.00177	3.91E-14
2075 May	0.0876	0.0000106	1.7	3.38	0.0692	0.00028	6	0.00152	0.0572	0.000577	0.000187	0.0000955	0.133	0.00000212	0.0000753	0.000898	0.00179	3.95E-14
2075 Jun	0.0782	0.0000101	1.53	2.96	0.0595	0.000245	5.32	0.00139	0.0534	0.000493	0.000185	0.000085	0.117	0.00000202	0.0000691	0.000811	0.00176	3.28E-14
2075 Jul	0.0777	0.0000103	1.52	2.92	0.0583	0.000242	5.26	0.0014	0.0539	0.000482	0.000191	0.0000843	0.116	0.00000206	0.0000693	0.000809	0.00181	3.17E-14
2075 Aug	0.0801	0.0000106	1.57	3.01	0.0601	0.00025	5.43	0.00144	0.0556	0.000497	0.000197	0.000087	0.119	0.00000212	0.0000715	0.000834	0.00187	3.26E-14
2075 Sep	0.0811	0.0000107	1.59	3.05	0.0608	0.000254	5.5	0.00146	0.0563	0.000502	0.000199	0.000088	0.121	0.00000215	0.0000725	0.000844	0.00189	3.3E-14
2075 Oct	0.0805	0.0000107	1.58	3.03	0.0602	0.000254	5.46	0.00145	0.056	0.000497	0.000197	0.0000872	0.12	0.00000214	0.0000721	0.000835	0.00188	3.26E-14
2075 Nov	0.0803	0.0000107	1.58	3.02	0.0599	0.000257	5.46	0.00145	0.0561	0.000494	0.000196	0.0000871	0.12	0.00000214	0.0000723	0.000832	0.00187	3.25E-14
2075 Dec	0.0803	0.0000107	1.57	3.02	0.0598	0.000258	5.46	0.00145	0.0561	0.000493	0.000195	0.000087	0.12	0.00000214	0.0000724	0.000831	0.00187	3.24E-14

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0803	0.0000107	1.58	3.02	0.0598	0.000258	5.46	0.00145	0.0561	0.000493	0.000195	0.000087	0.12	0.00000214	0.0000724	0.000831	0.00187	3.24E-14
2076 Feb	0.0804	0.0000107	1.58	3.03	0.0599	0.000258	5.47	0.00145	0.0561	0.000493	0.000195	0.000087	0.12	0.00000214	0.0000724	0.000832	0.00187	3.24E-14
2076 Mar	0.0805	0.0000107	1.58	3.03	0.06	0.000258	5.48	0.00145	0.0562	0.000494	0.000196	0.0000871	0.12	0.00000214	0.0000725	0.000833	0.00188	3.24E-14
2076 Apr	0.0808	0.0000107	1.58	3.04	0.0602	0.000259	5.49	0.00145	0.0564	0.000496	0.000196	0.0000874	0.12	0.00000215	0.0000728	0.000836	0.00188	3.25E-14
2076 May	0.0825	0.0000109	1.61	3.11	0.062	0.000261	5.6	0.00148	0.0571	0.000512	0.000199	0.0000894	0.123	0.00000217	0.0000737	0.000856	0.0019	3.22E-14
2076 Jun	0.0788	0.0000102	1.53	2.97	0.0603	0.000235	5.31	0.0014	0.0535	0.0005	0.000192	0.0000856	0.117	0.00000203	0.0000688	0.000828	0.0018	2.67E-14
2076 Jul	0.0807	0.0000105	1.57	3.04	0.0615	0.000241	5.44	0.00144	0.0549	0.00051	0.000198	0.0000876	0.12	0.00000209	0.0000706	0.000848	0.00186	2.72E-14
2076 Aug	0.0846	0.000011	1.65	3.19	0.0645	0.000253	5.71	0.00151	0.0577	0.000535	0.000207	0.0000919	0.126	0.00000219	0.000074	0.000889	0.00195	2.85E-14
2076 Sep	0.0858	0.0000111	1.67	3.23	0.0654	0.000257	5.79	0.00153	0.0585	0.000542	0.00021	0.0000932	0.128	0.00000223	0.0000752	0.000901	0.00198	2.89E-14
2076 Oct	0.0833	0.0000109	1.63	3.14	0.0629	0.000258	5.64	0.00149	0.0573	0.000521	0.000202	0.0000903	0.124	0.00000218	0.0000738	0.000869	0.00192	2.77E-14
2076 Nov	0.0827	0.0000108	1.62	3.12	0.0622	0.00026	5.61	0.00148	0.0571	0.000514	0.0002	0.0000895	0.123	0.00000217	0.0000737	0.00086	0.0019	2.74E-14
2076 Dec	0.0827	0.0000108	1.62	3.12	0.0622	0.000261	5.61	0.00148	0.0572	0.000514	0.0002	0.0000895	0.123	0.00000217	0.0000738	0.000859	0.0019	2.73E-14
2077 Jan	0.0827	0.0000108	1.62	3.12	0.0622	0.000261	5.61	0.00148	0.0572	0.000514	0.0002	0.0000895	0.123	0.00000217	0.0000738	0.00086	0.0019	2.73E-14
2077 Feb	0.0827	0.0000108	1.62	3.12	0.0623	0.000261	5.62	0.00148	0.0572	0.000514	0.0002	0.0000895	0.123	0.00000217	0.0000738	0.00086	0.0019	2.73E-14
2077 Mar	0.0828	0.0000109	1.62	3.12	0.0623	0.000261	5.62	0.00148	0.0572	0.000515	0.0002	0.0000896	0.123	0.00000217	0.0000739	0.00086	0.0019	2.73E-14
2077 Apr	0.0831	0.0000109	1.62	3.14	0.0626	0.000262	5.64	0.00149	0.0574	0.000517	0.000201	0.0000899	0.124	0.00000218	0.0000742	0.000864	0.00191	2.74E-14
2077 May	0.0846	0.0000109	1.65	3.2	0.0643	0.000262	5.73	0.00151	0.0578	0.000532	0.000203	0.0000916	0.126	0.00000219	0.0000747	0.000882	0.00192	2.69E-14
2077 Jun	0.0829	0.0000102	1.6	3.15	0.0653	0.000238	5.58	0.00145	0.0545	0.000545	0.000195	0.0000903	0.124	0.00000205	0.0000703	0.000876	0.00181	2.2E-14
2077 Jul	0.0865	0.0000107	1.67	3.29	0.068	0.000249	5.82	0.00152	0.057	0.000567	0.000205	0.0000942	0.13	0.00000214	0.0000735	0.000914	0.0019	2.28E-14
2077 Aug	0.0906	0.0000112	1.75	3.44	0.0711	0.000261	6.09	0.00159	0.0597	0.000594	0.000214	0.0000987	0.136	0.00000225	0.000077	0.000956	0.00199	2.39E-14
2077 Sep	0.0865	0.0000109	1.68	3.29	0.0673	0.000261	5.86	0.00152	0.0577	0.00056	0.000202	0.0000941	0.13	0.00000217	0.0000747	0.000905	0.0019	2.25E-14
2077 Oct	0.0855	0.0000108	1.66	3.25	0.066	0.000265	5.8	0.00151	0.0574	0.000548	0.000198	0.0000928	0.128	0.00000216	0.0000746	0.000889	0.00188	2.2E-14
2077 Nov	0.0855	0.0000108	1.66	3.25	0.0658	0.000267	5.81	0.00151	0.0576	0.000546	0.000198	0.0000927	0.128	0.00000216	0.0000748	0.000888	0.00188	2.2E-14
2077 Dec	0.0855	0.0000108	1.66	3.25	0.0658	0.000267	5.81	0.00151	0.0576	0.000546	0.000198	0.0000927	0.128	0.00000216	0.0000749	0.000888	0.00188	2.2E-14
2078 Jan	0.0855	0.0000108	1.66	3.25	0.0659	0.000268	5.81	0.00151	0.0576	0.000546	0.000198	0.0000927	0.128	0.00000216	0.0000749	0.000888	0.00188	2.2E-14
2078 Feb	0.0855	0.0000108	1.66	3.26	0.0659	0.000268	5.81	0.00151	0.0576	0.000547	0.000198	0.0000928	0.129	0.00000216	0.0000749	0.000888	0.00188	2.2E-14
2078 Mar	0.0856	0.0000108	1.66	3.26	0.0659	0.000268	5.82	0.00151	0.0576	0.000547	0.000198	0.0000928	0.129	0.00000216	0.0000749	0.000888	0.00188	2.2E-14
2078 Apr	0.0862	0.0000109	1.68	3.28	0.0664	0.00027	5.86	0.00152	0.058	0.00055	0.000199	0.0000934	0.129	0.00000218	0.0000754	0.000895	0.00189	2.21E-14
2078 May	0.0881	0.0000108	1.7	3.37	0.0696	0.000262	5.96	0.00153	0.0577	0.00058	0.000201	0.0000959	0.133	0.00000215	0.000075	0.000923	0.00188	2.02E-14
2078 Jun	0.086	0.0000101	1.65	3.31	0.0697	0.000241	5.79	0.00148	0.0545	0.000585	0.000193	0.000094	0.13	0.00000202	0.0000709	0.00091	0.00177	1.71E-14
2078 Jul	0.0906	0.0000107	1.74	3.48	0.0734	0.000254	6.09	0.00156	0.0574	0.000616	0.000203	0.000099	0.137	0.00000213	0.0000747	0.000958	0.00187	1.79E-14
2078 Aug	0.0929	0.0000109	1.78	3.57	0.0752	0.000262	6.25	0.0016	0.059	0.000631	0.000208	0.000102	0.141	0.00000219	0.0000767	0.000981	0.00192	1.84E-14
2078 Sep	0.0937	0.0000111	1.8	3.61	0.0758	0.000266	6.32	0.00161	0.0596	0.000636	0.00021	0.000102	0.142	0.00000221	0.0000776	0.000989	0.00194	1.85E-14
2078 Oct	0.0924	0.000011	1.78	3.55	0.0744	0.000266	6.24	0.00159	0.059	0.000623	0.000206	0.000101	0.14	0.00000219	0.0000769	0.000971	0.00191	1.81E-14
2078 Nov	0.092	0.0000109	1.77	3.54	0.0739	0.000268	6.22	0.00159	0.059	0.000619	0.000205	0.0001	0.139	0.00000219	0.000077	0.000965	0.0019	1.8E-14
2078 Dec	0.092	0.0000109	1.77	3.54	0.0739	0.000269	6.22	0.00159	0.059	0.000619	0.000205	0.0001	0.139	0.00000219	0.000077	0.000965	0.0019	1.8E-14
2079 Jan	0.092	0.0000109	1.77	3.54	0.0739	0.000269	6.22	0.00159	0.059	0.000619	0.000204	0.0001	0.139	0.00000219	0.000077	0.000965	0.0019	1.8E-14
2079 Feb	0.092	0.0000109	1.77	3.54	0.0739	0.000269	6.22	0.00159	0.059	0.000619	0.000204	0.0001	0.139	0.00000219	0.000077	0.000965	0.0019	1.8E-14
2079 Mar	0.0921	0.0000109	1.77	3.54	0.074	0.000269	6.23	0.00159	0.0591	0.000619	0.000205	0.0001	0.139	0.00000219	0.0000771	0.000966	0.0019	1.8E-14
2079 Apr	0.0925	0.000011	1.78	3.56	0.0743	0.00027	6.25	0.00159	0.0593	0.000622	0.000205	0.000101	0.14	0.0000022	0.0000774	0.00097	0.00191	1.81E-14
2079 May	0.094	0.0000112	1.81	3.62	0.0755	0.000274	6.36	0.00162	0.0603	0.000632	0.000209	0.000103	0.142	0.00000223	0.0000786	0.000986	0.00194	1.83E-14
2079 Jun	0.0829	0.0000103	1.6	3.14	0.0649	0.000235	5.56	0.00146	0.0548	0.000542	0.0002	0.0000903	0.124	0.00000207	0.0000705	0.00088	0.00185	1.44E-14
2079 Jul	0.0827	0.0000104	1.6	3.12	0.0643	0.000234	5.54	0.00146	0.0551	0.000536	0.000202	0.0000899	0.123	0.00000209	0.0000706	0.000879	0.00187	1.42E-14
2079 Aug	0.0859	0.0000109	1.66	3.25	0.0667	0.000244	5.76	0.00152	0.0574	0.000556	0.00021	0.0000935	0.128	0.00000217	0.0000735	0.000911	0.00194	1.47E-14
2079 Sep	0.0843	0.0000107	1.63	3.18	0.065	0.000246	5.67	0.00149	0.0567	0.000541	0.000205	0.0000915	0.126	0.00000215	0.0000729	0.000889	0.00191	1.43E-14
2079 Oct	0.0828	0.0000106	1.61	3.13	0.0636	0.000248	5.59	0.00147	0.056	0.000528	0.0002	0.0000898	0.124	0.00000212	0.0000722	0.00087	0.00187	1.4E-14
2079 Nov	0.0821	0.0000105	1.6	3.1	0.0627	0.00025	5.55	0.00146	0.0558	0.00052	0.000197	0.0000889	0.123	0.00000211	0.000072	0.000859	0.00186	1.37E-14
2079 Dec	0.0815	0.0000105	1.59	3.08	0.062	0.000253	5.52	0.00145	0.0557	0.000514	0.000195	0.0000881	0.122	0.0000021	0.000072	0.00085	0.00184	1.36E-14
2080 Jan	0.0815	0.0000105	1.59	3.08	0.062	0.000253	5.52	0.00145	0.0557	0.000514	0.000195	0.0000881	0.122	0.0000021	0.000072	0.00085	0.00184	1.36E-14
2080 Feb	0.0816	0.0000105	1.59	3.08	0.0621	0.000253	5.52	0.00145	0.0557	0.000514	0.000195	0.0000881	0.122	0.0000021	0.000072	0.00085	0.00184	1.35E-14
2080 Mar	0.0816	0.0000105	1.59	3.09	0.0621	0.000253	5.53	0.00145	0.0557	0.000514	0.000195	0.0000882	0.122	0.0000021	0.000072	0.000851	0.00184	1.35E-14
2080 Apr	0.0818	0.0000105	1.59	3.1	0.0623	0.000254	5.54	0.00145	0.0558	0.000515	0.000195	0.0000884	0.122	0.00000211	0.0000722	0.000853	0.00185	1.36E-14
2080 May	0.0833	0.0000107	1.62	3.15	0.0634	0.000258	5.64	0.00148	0.0568	0.000524	0.000198	0.0000899	0.124	0.00000214	0.0000735	0.000868	0.00188	1.38E-14
2080 Jun	0.0781	0.0000104	1.53	2.92	0.0582	0.00024	5.27	0.00141	0.0546	0.00048	0.000197	0.0000842	0.116	0.00000208	0.00007	0.00082	0.00186	1.24E-14
2080 Jul	0.0771	0.0000105	1.51	2.87	0.0567	0.000236	5.19	0.0014	0.0545	0.000467	0.000198	0.000083	0.114	0.00000209	0.0000696	0.000809	0.00187	1.2E-14
2080 Aug	0.0788	0.0000107	1.54	2.93	0.0578	0.000242	5.31	0.00143	0.0559	0.000476	0.000202	0.0000848	0.116	0.00000215	0.0000712	0.000824	0.00191	1.22E-14
2080 Sep	0.078	0.0000107	1.53	2.9	0.0569	0.000245	5.27	0.00142	0.0555	0.000468	0.000199	0.000084	0.115	0.00000213	0.000071	0.000811	0.0019	1.2E-14
2080 Oct	0.0772	0.0000106	1.52	2.87	0.0561	0.000247	5.23	0.00141	0.0552	0.000461	0.000196	0.000083	0.114	0.00000212	0.0000707	0.000801	0.00188	1.18E-14
2080 Nov	0.0766	0.0000105	1.5	2.85	0.0555	0.000247	5.19	0.0014	0.0549	0.000455	0.000194	0.0000823	0.113	0.00000211	0.0000704	0.000793	0.00186	1.16E-14
2080 Dec	0.0765	0.0000105	1.5	2.85	0.0554	0.000248	5.19	0.0014	0.0549	0.000454	0.000194	0.0000822	0.113	0.00000211	0.0000704	0.000791	0.00186	1.16E-14
2081 Jan	0.0765	0.0000105	1.5	2.85	0.0554	0.000248	5.19	0.0014	0.0549	0.000454	0.000194	0.0000822	0.113	0.00000211	0.0000704	0.000792	0.00186	1.16E-14
2081 Feb	0.0766	0.0000105	1.51	2.85	0.0555	0.000248	5.19	0.0014	0.0549	0.000455	0.000194	0.0000823	0.113	0.00000211	0.0000704	0.000792	0.00186	1.16E-14
2081 Mar	0.0766	0.0000105	1.51	2.85	0.0555	0.000248	5.2	0.0014	0.055	0.000455	0.000194	0.0000823	0.113	0.00000211	0.0000705	0.000792	0.00186	1.16E-14
2081 Apr	0.0769	0.0000106	1.51	2.86	0.0558	0.000249	5.22	0.0014	0.0552	0.000457	0.000194	0.0000826	0.114	0.00000212	0.0000707	0.000796	0.00187	1.17E-14
2081 May	0.0793	0.0000106	1.55	2.97	0.0587	0.000248	5.36	0.00143	0.0556	0.000484	0.000197	0.0000854	0.117	0.00000212	0.0000713	0.000825	0.00188	1.11E-14
2081 Jun	0.0787	0.0000102	1.53	2.96	0.0596	0.000235	5.29	0.0014	0.0539	0.000493	0.000194	0.000085	0.117	0.00000205	0.0000691	0.000825	0.00182	9.97E-15
2081 Jul	0.0832	0.0000109	1.62	3.13	0.063	0.000249	5.6	0.00149	0.0571	0.000521	0.000206	0.00009	0.124	0.00000217	0.0000732	0.000873	0.00193	1.05E-14
2081 Aug	0.088	0.0000115	1.71	3.31	0.0666	0.000263	5.92	0.00157	0.0604	0.000551	0.000217	0.0000951	0.131	0.0000023	0.0000774	0.000923	0.00204	1.11E-14
2081 Sep	0.0879	0.0000115	1.71	3.3	0.0663	0.000267	5.93	0.00157	0.0605	0.000548	0.000216	0.0000949	0.13	0.0000023	0.0000777	0.000919	0.00204	1.11E-14
2081 Oct	0.0877	0.0000115	1.71	3.29	0.066	0.000268	5.92	0.00157	0.0605	0.000546	0.000215	0.0000947	0.13	0.0000023	0.0000777	0.000916	0.00203	1.1E-14
2081 Nov	0.0862	0.0000113	1.68	3.24	0.0646	0.000268	5.83	0.00154	0.0597	0.000534	0.000211	0.000093	0.128	0.00000227	0.0000768	0.000898	0.002	1.08E-14
2081 Dec	0.0859	0.0000113	1.68	3.23	0.0643	0.000269	5.82	0.00154	0.0596	0.000531	0.00021	0.0000926	0.128	0.00000226	0.0000768	0.000893	0.00199	1.07E-14
2082 Jan	0.0859	0.0000113	1.68	3.23	0.0643	0.000269	5.82	0.00154	0.0596	0.000531	0.000209	0.0000926	0.128	0.00000226	0.0000768	0.000893	0.00199	1.07E-14
2082 Feb	0.086	0.0000113	1.68	3.23	0.0644	0.000269	5.82	0.00154	0.0597	0.000531	0.00021	0.0000927	0.128	0.00000227	0.0000768	0.000894	0.00199	1.07E-14
2082 Mar	0.0861	0.0000113	1.68	3.24	0.0645	0.000269	5.83	0.00154	0.0597	0.000531	0.00021	0.0000927	0.128	0.00000227	0.0000769	0.000895	0.00199	1.07E-14
2082 Apr	0.0864	0.0000114	1.69	3.25	0.0647	0.00027	5.85	0.00155	0.0599	0.000533	0.00021	0.000093	0.128	0.00000227	0.0000771	0.000898	0.002	1.07E-14
2082 May	0.0878	0.0000115	1.71	3.3	0.0657	0.000274	5.94	0.00157	0.0608	0.000542	0.000214	0.0000945	0.13	0.00000231	0.0000784	0.000912	0.00203	1.09E-14

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.0768	0.0000108	1.51	2.83	0.0553	0.000236	5.16	0.00141	0.0556	0.000453	0.000206	0.0000825	0.112	0.00000215	0.0000705	0.000809	0.00194	8.81E-15
2082 Jul	0.0729	0.0000105	1.44	2.66	0.0513	0.000222	4.87	0.00136	0.0539	0.000418	0.000204	0.0000782	0.106	0.00000211	0.0000678	0.000772	0.00192	7.98E-15
2082 Aug	0.0757	0.000011	1.49	2.76	0.0532	0.000231	5.06	0.00141	0.056	0.000434	0.000212	0.0000812	0.11	0.00000219	0.0000704	0.000801	0.002	8.28E-15
2082 Sep	0.0764	0.0000111	1.51	2.79	0.0536	0.000235	5.12	0.00143	0.0566	0.000437	0.000213	0.000082	0.111	0.00000222	0.0000713	0.000807	0.00202	8.34E-15
2082 Oct	0.0732	0.0000107	1.45	2.68	0.0506	0.00024	4.94	0.00137	0.055	0.00041	0.000201	0.0000782	0.106	0.00000214	0.0000697	0.000763	0.00193	7.81E-15
2082 Nov	0.0731	0.0000107	1.45	2.67	0.0503	0.000244	4.95	0.00137	0.0551	0.000407	0.000199	0.000078	0.106	0.00000215	0.00007	0.000759	0.00192	7.76E-15
2082 Dec	0.0731	0.0000107	1.45	2.67	0.0503	0.000244	4.95	0.00137	0.0552	0.000407	0.000199	0.000078	0.106	0.00000215	0.0000701	0.000759	0.00192	7.75E-15
2083 Jan	0.0731	0.0000107	1.45	2.67	0.0503	0.000244	4.95	0.00137	0.0552	0.000407	0.000199	0.000078	0.106	0.00000215	0.0000701	0.000759	0.00192	7.75E-15
2083 Feb	0.0732	0.0000107	1.45	2.68	0.0504	0.000244	4.95	0.00137	0.0552	0.000408	0.000199	0.000078	0.106	0.00000215	0.0000701	0.00076	0.00192	7.75E-15
2083 Mar	0.0733	0.0000108	1.45	2.68	0.0504	0.000245	4.96	0.00137	0.0553	0.000408	0.0002	0.0000781	0.107	0.00000215	0.0000702	0.000761	0.00193	7.76E-15
2083 Apr	0.0736	0.0000108	1.46	2.69	0.0507	0.000246	4.98	0.00138	0.0555	0.00041	0.0002	0.0000785	0.107	0.00000216	0.0000705	0.000764	0.00193	7.79E-15
2083 May	0.076	0.0000109	1.5	2.8	0.0536	0.000246	5.13	0.00141	0.0561	0.000436	0.000203	0.0000813	0.111	0.00000217	0.0000714	0.000793	0.00195	7.55E-15
2083 Jun	0.0752	0.0000102	1.47	2.79	0.0556	0.000224	5.04	0.00136	0.0529	0.000458	0.000196	0.000081	0.111	0.00000203	0.0000673	0.000795	0.00183	6.18E-15
2083 Jul	0.0769	0.0000104	1.5	2.85	0.0566	0.000229	5.15	0.0014	0.0543	0.000467	0.000201	0.0000828	0.113	0.00000209	0.000069	0.000812	0.00188	6.27E-15
2083 Aug	0.0779	0.0000107	1.52	2.89	0.0569	0.000235	5.23	0.00142	0.0553	0.000469	0.000202	0.0000838	0.114	0.00000213	0.0000702	0.000814	0.00191	6.28E-15
2083 Sep	0.0769	0.0000106	1.51	2.85	0.0558	0.000238	5.18	0.0014	0.0549	0.000459	0.000198	0.0000826	0.113	0.00000212	0.0000699	0.000799	0.00188	6.14E-15
2083 Oct	0.074	0.0000103	1.45	2.74	0.0531	0.00024	5.01	0.00135	0.0535	0.000435	0.000188	0.0000792	0.109	0.00000206	0.0000684	0.000762	0.00181	5.82E-15
2083 Nov	0.0733	0.0000102	1.44	2.72	0.0523	0.000241	4.97	0.00134	0.0532	0.000429	0.000185	0.0000784	0.108	0.00000204	0.0000681	0.000752	0.00179	5.72E-15
2083 Dec	0.0733	0.0000102	1.44	2.72	0.0523	0.000242	4.98	0.00134	0.0532	0.000428	0.000185	0.0000783	0.108	0.00000204	0.0000682	0.000751	0.00179	5.72E-15
2084 Jan	0.0733	0.0000102	1.44	2.72	0.0523	0.000242	4.98	0.00134	0.0532	0.000428	0.000185	0.0000783	0.108	0.00000204	0.0000682	0.000751	0.00179	5.72E-15
2084 Feb	0.0734	0.0000102	1.44	2.72	0.0524	0.000242	4.98	0.00134	0.0532	0.000429	0.000185	0.0000784	0.108	0.00000204	0.0000682	0.000752	0.00179	5.72E-15
2084 Mar	0.0734	0.0000102	1.44	2.72	0.0524	0.000242	4.98	0.00134	0.0533	0.000429	0.000185	0.0000784	0.108	0.00000204	0.0000682	0.000753	0.00179	5.72E-15
2084 Apr	0.0739	0.0000103	1.45	2.74	0.0528	0.000244	5.02	0.00135	0.0536	0.000432	0.000186	0.000079	0.109	0.00000206	0.0000687	0.000758	0.00181	5.76E-15
2084 May	0.0766	0.0000104	1.5	2.86	0.0561	0.000244	5.18	0.00138	0.0542	0.000462	0.00019	0.0000821	0.113	0.00000207	0.0000695	0.000791	0.00182	5.51E-15
2084 Jun	0.0759	0.00000973	1.47	2.86	0.0579	0.000224	5.1	0.00134	0.0514	0.000481	0.000184	0.0000819	0.113	0.00000195	0.000066	0.000794	0.00172	4.61E-15
2084 Jul	0.0787	0.0000101	1.52	2.96	0.06	0.000233	5.29	0.0014	0.0534	0.000499	0.000191	0.000085	0.117	0.00000202	0.0000686	0.000824	0.00179	4.78E-15
2084 Aug	0.0815	0.0000105	1.58	3.07	0.0621	0.000241	5.48	0.00144	0.0553	0.000516	0.000197	0.0000879	0.121	0.0000021	0.000071	0.000852	0.00185	4.94E-15
2084 Sep	0.081	0.0000104	1.57	3.05	0.0615	0.000242	5.45	0.00144	0.0551	0.000511	0.000196	0.0000874	0.12	0.00000209	0.0000708	0.000845	0.00184	4.89E-15
2084 Oct	0.0791	0.0000103	1.54	2.98	0.0597	0.000244	5.35	0.00141	0.0543	0.000495	0.00019	0.0000852	0.118	0.00000205	0.0000699	0.000821	0.0018	4.73E-15
2084 Nov	0.0784	0.0000102	1.53	2.95	0.0589	0.000246	5.31	0.0014	0.0541	0.000488	0.000187	0.0000844	0.117	0.00000204	0.0000698	0.00081	0.00179	4.66E-15
2084 Dec	0.0784	0.0000102	1.53	2.95	0.0589	0.000247	5.31	0.0014	0.0541	0.000487	0.000187	0.0000844	0.117	0.00000205	0.0000699	0.00081	0.00179	4.66E-15
2085 Jan	0.0784	0.0000102	1.53	2.95	0.0589	0.000247	5.32	0.0014	0.0541	0.000487	0.000187	0.0000844	0.117	0.00000205	0.0000699	0.00081	0.00179	4.66E-15
2085 Feb	0.0785	0.0000102	1.53	2.96	0.059	0.000247	5.32	0.0014	0.0541	0.000488	0.000187	0.0000844	0.117	0.00000205	0.0000699	0.000811	0.00179	4.66E-15
2085 Mar	0.0785	0.0000102	1.53	2.96	0.059	0.000247	5.32	0.0014	0.0541	0.000488	0.000187	0.0000845	0.117	0.00000205	0.0000699	0.000811	0.00179	4.66E-15
2085 Apr	0.0788	0.0000103	1.53	2.97	0.0592	0.000248	5.34	0.0014	0.0543	0.000489	0.000188	0.0000848	0.117	0.00000205	0.0000702	0.000814	0.00179	4.68E-15
2085 May	0.0805	0.0000103	1.56	3.04	0.0612	0.000248	5.44	0.00142	0.0548	0.000507	0.00019	0.0000867	0.12	0.00000206	0.0000707	0.000835	0.0018	4.55E-15
2085 Jun	0.0812	0.0000102	1.57	3.08	0.0629	0.000241	5.47	0.00142	0.0541	0.000524	0.00019	0.0000878	0.121	0.00000203	0.0000699	0.000848	0.00178	4.22E-15
2085 Jul	0.0849	0.0000106	1.64	3.22	0.0657	0.000252	5.72	0.00149	0.0566	0.000548	0.000199	0.0000918	0.127	0.00000213	0.0000731	0.000886	0.00187	4.4E-15
2085 Aug	0.0857	0.0000108	1.66	3.25	0.0663	0.000256	5.78	0.00151	0.0573	0.000552	0.0002	0.0000927	0.128	0.00000215	0.0000739	0.000893	0.00188	4.44E-15
2085 Sep	0.0835	0.0000106	1.62	3.17	0.064	0.000258	5.66	0.00147	0.0563	0.000532	0.000193	0.0000902	0.125	0.00000211	0.000073	0.000864	0.00184	4.27E-15
2085 Oct	0.0816	0.0000104	1.59	3.1	0.0622	0.000259	5.55	0.00144	0.0554	0.000516	0.000188	0.000088	0.122	0.00000208	0.000072	0.00084	0.0018	4.14E-15
2085 Nov	0.0804	0.0000103	1.57	3.05	0.0609	0.00026	5.48	0.00142	0.0549	0.000505	0.000184	0.0000865	0.12	0.00000206	0.0000715	0.000824	0.00177	4.05E-15
2085 Dec	0.0804	0.0000103	1.57	3.05	0.0609	0.000261	5.48	0.00142	0.0549	0.000504	0.000184	0.0000865	0.12	0.00000206	0.0000716	0.000824	0.00177	4.04E-15
2086 Jan	0.0804	0.0000103	1.57	3.05	0.0609	0.000261	5.48	0.00142	0.0549	0.000504	0.000184	0.0000865	0.12	0.00000206	0.0000716	0.000824	0.00177	4.04E-15
2086 Feb	0.0804	0.0000103	1.57	3.05	0.0609	0.000261	5.48	0.00142	0.0549	0.000504	0.000184	0.0000865	0.121	0.00000206	0.0000716	0.000824	0.00177	4.04E-15
2086 Mar	0.0805	0.0000103	1.57	3.05	0.061	0.000261	5.49	0.00142	0.055	0.000504	0.000184	0.0000866	0.121	0.00000206	0.0000716	0.000825	0.00177	4.04E-15
2086 Apr	0.0809	0.0000103	1.57	3.07	0.0613	0.000262	5.51	0.00143	0.0552	0.000507	0.000185	0.000087	0.121	0.00000207	0.000072	0.000829	0.00178	4.06E-15
2086 May	0.0824	0.0000105	1.6	3.13	0.0627	0.000266	5.62	0.00145	0.0561	0.000519	0.000188	0.0000887	0.124	0.0000021	0.0000731	0.000846	0.00181	4.08E-15
2086 Jun	0.0783	0.00000991	1.52	2.97	0.0602	0.000236	5.29	0.00138	0.0527	0.0005	0.000185	0.0000846	0.117	0.00000198	0.0000681	0.000817	0.00174	3.28E-15
2086 Jul	0.0801	0.0000103	1.55	3.02	0.0612	0.000241	5.4	0.00142	0.0544	0.000508	0.000192	0.0000865	0.119	0.00000205	0.00007	0.000837	0.00181	3.32E-15
2086 Aug	0.0818	0.0000105	1.59	3.09	0.0621	0.000249	5.53	0.00145	0.0557	0.000516	0.000195	0.0000884	0.122	0.00000211	0.0000718	0.000849	0.00185	3.36E-15
2086 Sep	0.0802	0.0000105	1.57	3.03	0.0605	0.000252	5.45	0.00143	0.0551	0.000501	0.00019	0.0000869	0.12	0.00000209	0.0000711	0.000827	0.00182	3.26E-15
2086 Oct	0.0799	0.0000104	1.56	3.02	0.0602	0.000254	5.44	0.00143	0.055	0.000497	0.000189	0.0000865	0.119	0.00000209	0.0000711	0.000822	0.00181	3.24E-15
2086 Nov	0.0801	0.0000105	1.56	3.02	0.0603	0.000255	5.45	0.00143	0.0552	0.000498	0.000189	0.0000867	0.12	0.00000209	0.0000713	0.000823	0.00182	3.24E-15
2086 Dec	0.0801	0.0000105	1.57	3.03	0.0603	0.000255	5.45	0.00143	0.0552	0.000498	0.000189	0.0000867	0.12	0.00000209	0.0000714	0.000824	0.00182	3.24E-15
2087 Jan	0.0801	0.0000105	1.57	3.03	0.0603	0.000255	5.45	0.00143	0.0552	0.000498	0.000189	0.0000867	0.12	0.00000209	0.0000714	0.000824	0.00182	3.24E-15
2087 Feb	0.0802	0.0000105	1.57	3.03	0.0603	0.000255	5.46	0.00143	0.0552	0.000498	0.000189	0.0000867	0.12	0.00000209	0.0000714	0.000824	0.00182	3.24E-15
2087 Mar	0.0803	0.0000105	1.57	3.03	0.0604	0.000256	5.46	0.00143	0.0553	0.000499	0.000189	0.0000868	0.12	0.0000021	0.0000715	0.000825	0.00182	3.25E-15
2087 Apr	0.0805	0.0000105	1.57	3.04	0.0605	0.000256	5.48	0.00144	0.0554	0.0005	0.00019	0.000087	0.12	0.0000021	0.0000716	0.000827	0.00182	3.25E-15
2087 May	0.0819	0.0000105	1.59	3.1	0.0624	0.000255	5.56	0.00145	0.0557	0.000517	0.000192	0.0000887	0.123	0.00000211	0.000072	0.000845	0.00183	3.16E-15
2087 Jun	0.0833	0.0000102	1.6	3.18	0.0659	0.00024	5.62	0.00145	0.0542	0.000551	0.000191	0.0000907	0.125	0.00000203	0.0000701	0.000872	0.00178	2.69E-15
2087 Jul	0.086	0.0000105	1.66	3.28	0.068	0.000248	5.8	0.0015	0.056	0.000569	0.000197	0.0000937	0.129	0.0000021	0.0000725	0.0009	0.00184	2.78E-15
2087 Aug	0.0897	0.000011	1.73	3.42	0.0708	0.000259	6.05	0.00156	0.0585	0.000592	0.000205	0.0000977	0.135	0.00000219	0.0000756	0.000937	0.00191	2.89E-15
2087 Sep	0.0912	0.0000112	1.76	3.48	0.072	0.000265	6.15	0.00159	0.0595	0.000602	0.000209	0.0000993	0.137	0.00000223	0.000077	0.000952	0.00195	2.93E-15
2087 Oct	0.0904	0.0000111	1.74	3.45	0.0712	0.000265	6.11	0.00158	0.0591	0.000595	0.000206	0.0000984	0.136	0.00000222	0.0000766	0.000943	0.00193	2.9E-15
2087 Nov	0.09	0.000011	1.74	3.43	0.0708	0.000265	6.08	0.00157	0.059	0.000591	0.000205	0.0000979	0.135	0.00000221	0.0000764	0.000937	0.00192	2.88E-15
2087 Dec	0.09	0.0000111	1.74	3.43	0.0708	0.000266	6.08	0.00157	0.059	0.000591	0.000205	0.0000979	0.135	0.00000221	0.0000765	0.000937	0.00192	2.88E-15
2088 Jan	0.09	0.0000111	1.74	3.44	0.0708	0.000266	6.09	0.00157	0.059	0.000591	0.000205	0.0000979	0.135	0.00000221	0.0000765	0.000937	0.00192	2.88E-15
2088 Feb	0.09	0.0000111	1.74	3.44	0.0708	0.000266	6.09	0.00157	0.059	0.000591	0.000205	0.0000979	0.135	0.00000221	0.0000765	0.000938	0.00192	2.88E-15
2088 Mar	0.0902	0.0000111	1.74	3.44	0.0709	0.000266	6.09	0.00157	0.0591	0.000592	0.000205	0.000098	0.136	0.00000221	0.0000766	0.000939	0.00193	2.88E-15
2088 Apr	0.091	0.0000112	1.76	3.47	0.0716	0.000269	6.15	0.00159	0.0596	0.000598	0.000207	0.000099	0.137	0.00000223	0.0000773	0.000948	0.00194	2.91E-15
2088 May	0.093	0.0000114	1.79	3.55	0.0731	0.000274	6.28	0.00162	0.0609	0.00061	0.000212	0.000101	0.14	0.00000228	0.000079	0.000968	0.00199	2.97E-15
2088 Jun	0.086	0.000011	1.67	3.24	0.0659	0.000251	5.78	0.00153	0.0581	0.000547	0.000209	0.0000933	0.128	0.00000221	0.0000745	0.000902	0.00196	2.61E-15
2088 Jul	0.0884	0.0000115	1.72	3.32	0.0673	0.000258	5.94	0.00158	0.0602	0.000559	0.000219	0.0000959	0.131	0.0000023	0.000077	0.000929	0.00204	2.65E-15
2088 Aug	0.0941	0.0000122	1.83	3.53	0.0716	0.000275	6.32	0.00168	0.0641	0.000594	0.000233	0.000102	0.14	0.00000245	0.000082	0.000989	0.00218	2.82E-15
2088 Sep	0.0955	0.0000124	1.85	3.59	0.0727	0.000279	6.42	0.0017	0.0651	0.000603	0.000236	0.000104	0.142	0.00000248	0.0000832	0.001	0.00221	2.87E-15
2088 Oct	0.0913	0.000012	1.78	3.43	0.0687	0.000278	6.16	0.00163	0.0629	0.000569	0.000223	0.0000987	0.136	0.00000239	0.0000807	0.000951	0.00211	2.7E-15

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.0903	0.0000119	1.76	3.39	0.0677	0.000281	6.11	0.00162	0.0625	0.000559	0.00022	0.0000975	0.134	0.00000238	0.0000805	0.000937	0.00209	2.65E-15
2088 Dec	0.0903	0.0000119	1.76	3.39	0.0676	0.000282	6.11	0.00162	0.0626	0.000559	0.000219	0.0000975	0.134	0.00000238	0.0000805	0.000937	0.00209	2.65E-15
2089 Jan	0.0903	0.0000119	1.76	3.4	0.0677	0.000282	6.12	0.00162	0.0626	0.000559	0.000219	0.0000975	0.134	0.00000238	0.0000806	0.000937	0.00209	2.65E-15
2089 Feb	0.0904	0.0000119	1.76	3.4	0.0677	0.000282	6.12	0.00162	0.0626	0.000559	0.00022	0.0000975	0.134	0.00000238	0.0000806	0.000937	0.00209	2.65E-15
2089 Mar	0.0905	0.0000119	1.77	3.4	0.0678	0.000282	6.13	0.00162	0.0627	0.00056	0.00022	0.0000977	0.135	0.00000238	0.0000807	0.000939	0.00209	2.66E-15
2089 Apr	0.0911	0.000012	1.78	3.42	0.0682	0.000284	6.16	0.00163	0.0631	0.000564	0.000221	0.0000982	0.135	0.0000024	0.0000812	0.000945	0.00211	2.67E-15
2089 May	0.0928	0.000012	1.8	3.5	0.0705	0.000283	6.27	0.00165	0.0633	0.000584	0.000223	0.0001	0.138	0.0000024	0.0000815	0.000966	0.00211	2.58E-15
2089 Jun	0.0937	0.0000116	1.81	3.56	0.0733	0.00027	6.3	0.00164	0.0619	0.000612	0.000221	0.000102	0.14	0.00000233	0.0000798	0.000986	0.00205	2.29E-15
2089 Jul	0.0969	0.0000121	1.87	3.68	0.0756	0.00028	6.52	0.0017	0.0641	0.000631	0.000228	0.000105	0.145	0.00000242	0.0000826	0.00102	0.00213	2.36E-15
2089 Aug	0.1	0.0000125	1.93	3.79	0.0776	0.00029	6.73	0.00176	0.0664	0.000648	0.000235	0.000108	0.149	0.00000251	0.0000854	0.00104	0.0022	2.41E-15
2089 Sep	0.1	0.0000126	1.94	3.8	0.0776	0.000294	6.75	0.00176	0.0667	0.000647	0.000235	0.000109	0.15	0.00000252	0.0000859	0.00104	0.0022	2.41E-15
2089 Oct	0.0951	0.0000121	1.85	3.6	0.0726	0.000296	6.45	0.00168	0.0643	0.000603	0.000219	0.000103	0.142	0.00000242	0.0000833	0.000978	0.00209	2.25E-15
2089 Nov	0.0947	0.0000121	1.84	3.59	0.0721	0.000298	6.43	0.00167	0.0643	0.000598	0.000218	0.000102	0.142	0.00000242	0.0000833	0.000972	0.00209	2.23E-15
2089 Dec	0.0947	0.0000121	1.84	3.59	0.0721	0.000299	6.44	0.00167	0.0643	0.000598	0.000218	0.000102	0.142	0.00000242	0.0000834	0.000972	0.00209	2.23E-15
2090 Jan	0.0948	0.0000121	1.84	3.59	0.0721	0.000299	6.44	0.00167	0.0643	0.000599	0.000218	0.000102	0.142	0.00000242	0.0000834	0.000972	0.00209	2.23E-15
2090 Feb	0.0948	0.0000121	1.84	3.59	0.0721	0.000299	6.44	0.00167	0.0643	0.000599	0.000218	0.000102	0.142	0.00000242	0.0000835	0.000972	0.00209	2.23E-15
2090 Mar	0.0949	0.0000121	1.84	3.6	0.0722	0.000299	6.45	0.00168	0.0644	0.000599	0.000218	0.000102	0.142	0.00000242	0.0000835	0.000974	0.00209	2.23E-15
2090 Apr	0.0952	0.0000122	1.85	3.61	0.0725	0.0003	6.47	0.00168	0.0646	0.000602	0.000219	0.000103	0.142	0.00000243	0.0000838	0.000977	0.0021	2.24E-15
2090 May	0.0965	0.0000123	1.87	3.66	0.0735	0.000303	6.55	0.0017	0.0654	0.00061	0.000221	0.000104	0.144	0.00000246	0.0000848	0.00099	0.00212	2.25E-15
2090 Jun	0.0905	0.0000113	1.75	3.44	0.0705	0.000264	6.1	0.00159	0.06	0.000589	0.000211	0.0000981	0.135	0.00000225	0.0000773	0.000946	0.00198	1.76E-15
2090 Jul	0.0933	0.0000116	1.8	3.54	0.0726	0.000272	6.28	0.00164	0.0619	0.000606	0.000219	0.000101	0.139	0.00000233	0.0000798	0.000975	0.00204	1.81E-15
2090 Aug	0.0895	0.0000114	1.74	3.4	0.0686	0.000277	6.09	0.00158	0.0603	0.00057	0.000207	0.0000976	0.134	0.00000229	0.0000779	0.000919	0.00197	1.7E-15
2090 Sep	0.0868	0.0000112	1.7	3.3	0.0658	0.000283	5.95	0.00155	0.0593	0.000545	0.000198	0.0000945	0.131	0.00000225	0.0000771	0.000883	0.00192	1.62E-15
2090 Oct	0.0827	0.0000109	1.63	3.14	0.0616	0.000286	5.71	0.00148	0.0575	0.000508	0.000185	0.0000896	0.124	0.00000217	0.0000752	0.00083	0.00183	1.51E-15
2090 Nov	0.0812	0.0000107	1.6	3.09	0.0602	0.000286	5.62	0.00145	0.0567	0.000495	0.00018	0.0000878	0.122	0.00000214	0.0000743	0.000811	0.0018	1.47E-15
2090 Dec	0.0812	0.0000107	1.6	3.09	0.0601	0.000287	5.62	0.00145	0.0568	0.000495	0.00018	0.0000878	0.122	0.00000214	0.0000744	0.000811	0.0018	1.47E-15
2091 Jan	0.0812	0.0000107	1.6	3.09	0.0602	0.000287	5.62	0.00145	0.0568	0.000495	0.00018	0.0000878	0.122	0.00000214	0.0000744	0.000811	0.0018	1.47E-15
2091 Feb	0.0812	0.0000107	1.6	3.09	0.0602	0.000287	5.62	0.00145	0.0568	0.000495	0.00018	0.0000878	0.122	0.00000214	0.0000744	0.000811	0.0018	1.47E-15
2091 Mar	0.0814	0.0000107	1.61	3.09	0.0603	0.000287	5.63	0.00146	0.0569	0.000496	0.000181	0.0000879	0.123	0.00000215	0.0000746	0.000813	0.0018	1.47E-15
2091 Apr	0.0819	0.0000108	1.62	3.12	0.0607	0.000289	5.67	0.00147	0.0573	0.000499	0.000182	0.0000885	0.123	0.00000216	0.0000751	0.000818	0.00181	1.48E-15
2091 May	0.0838	0.0000109	1.65	3.19	0.0626	0.000292	5.79	0.00149	0.0581	0.000515	0.000185	0.0000906	0.126	0.00000219	0.0000762	0.000839	0.00184	1.47E-15
2091 Jun	0.0835	0.0000105	1.63	3.19	0.0645	0.000268	5.71	0.00147	0.0558	0.000536	0.000185	0.0000908	0.126	0.00000209	0.0000729	0.000854	0.00179	1.23E-15
2091 Jul	0.0883	0.0000111	1.72	3.37	0.0681	0.000283	6.04	0.00155	0.0591	0.000566	0.000196	0.000096	0.133	0.00000222	0.0000772	0.000903	0.00189	1.3E-15
2091 Aug	0.0877	0.0000111	1.72	3.36	0.0673	0.000288	6.03	0.00155	0.0591	0.000558	0.000194	0.0000957	0.133	0.00000223	0.0000773	0.000891	0.00189	1.28E-15
2091 Sep	0.0863	0.0000111	1.7	3.3	0.0658	0.000292	5.97	0.00153	0.0586	0.000544	0.000189	0.0000944	0.131	0.00000221	0.0000768	0.000869	0.00186	1.24E-15
2091 Oct	0.084	0.0000108	1.66	3.21	0.0636	0.00029	5.82	0.00149	0.0574	0.000525	0.000183	0.0000917	0.127	0.00000217	0.0000754	0.000841	0.00182	1.2E-15
2091 Nov	0.0817	0.0000106	1.62	3.13	0.0612	0.000293	5.69	0.00146	0.0565	0.000503	0.000176	0.0000889	0.124	0.00000213	0.0000745	0.000811	0.00177	1.15E-15
2091 Dec	0.0816	0.0000106	1.61	3.13	0.0611	0.000294	5.69	0.00146	0.0565	0.000503	0.000175	0.0000888	0.124	0.00000213	0.0000745	0.00081	0.00177	1.15E-15
2092 Jan	0.0816	0.0000106	1.61	3.13	0.0611	0.000294	5.69	0.00146	0.0565	0.000503	0.000175	0.0000888	0.124	0.00000213	0.0000745	0.00081	0.00177	1.15E-15
2092 Feb	0.0817	0.0000106	1.62	3.13	0.0612	0.000294	5.69	0.00146	0.0565	0.000503	0.000176	0.0000888	0.124	0.00000213	0.0000746	0.000811	0.00177	1.15E-15
2092 Mar	0.0819	0.0000107	1.62	3.14	0.0613	0.000294	5.7	0.00146	0.0566	0.000504	0.000176	0.000089	0.124	0.00000213	0.0000747	0.000813	0.00177	1.15E-15
2092 Apr	0.0823	0.0000107	1.63	3.15	0.0617	0.000296	5.74	0.00147	0.057	0.000507	0.000177	0.0000895	0.125	0.00000214	0.0000751	0.000817	0.00178	1.16E-15
2092 May	0.0842	0.0000108	1.66	3.23	0.0637	0.000297	5.85	0.00149	0.0577	0.000524	0.00018	0.0000916	0.128	0.00000217	0.000076	0.00084	0.0018	1.14E-15
2092 Jun	0.0793	0.00000982	1.55	3.05	0.062	0.000252	5.43	0.00139	0.0524	0.000516	0.000174	0.0000868	0.12	0.00000196	0.0000686	0.000813	0.00167	8.56E-16
2092 Jul	0.0794	0.00000992	1.55	3.04	0.0618	0.000252	5.44	0.0014	0.0528	0.000514	0.000176	0.0000868	0.12	0.00000198	0.0000689	0.000814	0.00169	8.49E-16
2092 Aug	0.0829	0.0000104	1.62	3.18	0.0644	0.000264	5.68	0.00146	0.0552	0.000536	0.000184	0.0000907	0.126	0.00000207	0.000072	0.000849	0.00177	8.85E-16
2092 Sep	0.0831	0.0000104	1.62	3.18	0.0644	0.000266	5.7	0.00146	0.0554	0.000535	0.000184	0.0000908	0.126	0.00000208	0.0000723	0.000848	0.00177	8.84E-16
2092 Oct	0.0824	0.0000104	1.61	3.16	0.0637	0.000266	5.65	0.00145	0.055	0.000529	0.000182	0.00009	0.125	0.00000207	0.000072	0.000839	0.00176	8.74E-16
2092 Nov	0.0822	0.0000103	1.61	3.15	0.0635	0.000268	5.65	0.00145	0.0551	0.000527	0.000181	0.0000898	0.124	0.00000207	0.0000721	0.000836	0.00176	8.7E-16
2092 Dec	0.0822	0.0000104	1.61	3.15	0.0635	0.000268	5.65	0.00145	0.0551	0.000526	0.000181	0.0000898	0.125	0.00000207	0.0000721	0.000837	0.00176	8.7E-16
2093 Jan	0.0822	0.0000104	1.61	3.15	0.0635	0.000268	5.65	0.00145	0.0551	0.000526	0.000181	0.0000898	0.125	0.00000207	0.0000721	0.000837	0.00176	8.69E-16
2093 Feb	0.0823	0.0000104	1.61	3.15	0.0635	0.000268	5.65	0.00145	0.0551	0.000527	0.000181	0.0000898	0.125	0.00000207	0.0000721	0.000837	0.00176	8.69E-16
2093 Mar	0.0825	0.0000104	1.61	3.16	0.0637	0.000269	5.67	0.00145	0.0553	0.000528	0.000182	0.0000901	0.125	0.00000208	0.0000724	0.00084	0.00176	8.72E-16
2093 Apr	0.083	0.0000105	1.62	3.18	0.0641	0.000271	5.71	0.00146	0.0556	0.000532	0.000183	0.0000906	0.126	0.00000209	0.0000728	0.000845	0.00177	8.77E-16
2093 May	0.0848	0.0000106	1.66	3.25	0.0659	0.000273	5.82	0.00149	0.0564	0.000547	0.000186	0.0000927	0.129	0.00000212	0.0000739	0.000866	0.0018	8.72E-16
2093 Jun	0.0837	0.0000101	1.62	3.22	0.0668	0.000251	5.69	0.00145	0.054	0.000558	0.000184	0.0000917	0.127	0.00000202	0.0000705	0.000868	0.00173	7.3E-16
2093 Jul	0.0871	0.0000105	1.69	3.35	0.0694	0.000261	5.93	0.00151	0.0563	0.00058	0.000192	0.0000955	0.132	0.0000021	0.0000734	0.000903	0.00181	7.58E-16
2093 Aug	0.0904	0.0000109	1.75	3.47	0.0719	0.000271	6.15	0.00157	0.0584	0.000601	0.000199	0.000099	0.137	0.00000218	0.0000762	0.000935	0.00188	7.85E-16
2093 Sep	0.0905	0.000011	1.75	3.48	0.0718	0.000275	6.16	0.00157	0.0587	0.0006	0.000199	0.0000991	0.137	0.00000219	0.0000766	0.000935	0.00188	7.84E-16
2093 Oct	0.0853	0.0000105	1.66	3.28	0.0666	0.000277	5.86	0.00149	0.0565	0.000554	0.000184	0.000093	0.13	0.0000021	0.0000742	0.00087	0.00178	7.23E-16
2093 Nov	0.0836	0.0000104	1.63	3.22	0.0646	0.000281	5.76	0.00146	0.0559	0.000536	0.000178	0.0000909	0.127	0.00000208	0.0000737	0.000846	0.00175	6.99E-16
2093 Dec	0.0836	0.0000104	1.63	3.22	0.0646	0.000282	5.76	0.00146	0.0559	0.000536	0.000178	0.0000908	0.127	0.00000208	0.0000738	0.000845	0.00175	6.98E-16
2094 Jan	0.0836	0.0000104	1.63	3.22	0.0646	0.000282	5.77	0.00146	0.056	0.000536	0.000178	0.0000908	0.127	0.00000208	0.0000738	0.000845	0.00175	6.98E-16
2094 Feb	0.0836	0.0000104	1.63	3.22	0.0647	0.000282	5.77	0.00146	0.056	0.000536	0.000178	0.0000909	0.127	0.00000208	0.0000738	0.000846	0.00175	6.98E-16
2094 Mar	0.0838	0.0000104	1.64	3.22	0.0648	0.000282	5.78	0.00147	0.056	0.000537	0.000178	0.000091	0.127	0.00000208	0.0000739	0.000847	0.00175	6.99E-16
2094 Apr	0.0841	0.0000105	1.64	3.24	0.065	0.000283	5.8	0.00147	0.0563	0.000539	0.000179	0.0000914	0.128	0.00000209	0.0000742	0.000851	0.00176	7.02E-16
2094 May	0.0853	0.0000104	1.66	3.29	0.0667	0.00028	5.86	0.00149	0.0563	0.000554	0.000181	0.0000928	0.13	0.00000209	0.0000742	0.000867	0.00176	6.76E-16
2094 Jun	0.0876	0.0000104	1.69	3.39	0.0702	0.000271	5.98	0.00151	0.0562	0.000587	0.000185	0.0000956	0.133	0.00000207	0.000074	0.000901	0.00176	6.12E-16
2094 Jul	0.0935	0.0000111	1.81	3.62	0.0749	0.00029	6.39	0.00161	0.06	0.000626	0.000197	0.000102	0.142	0.00000222	0.000079	0.000962	0.00188	6.53E-16
2094 Aug	0.1	0.0000118	1.93	3.87	0.08	0.00031	6.83	0.00172	0.0642	0.000669	0.000211	0.000109	0.152	0.00000237	0.0000845	0.00103	0.00201	6.98E-16
2094 Sep	0.0997	0.0000119	1.93	3.86	0.0796	0.000313	6.82	0.00172	0.0643	0.000665	0.00021	0.000109	0.152	0.00000237	0.0000847	0.00102	0.00201	6.94E-16
2094 Oct	0.0957	0.0000115	1.86	3.7	0.0756	0.000312	6.58	0.00165	0.0624	0.00063	0.000199	0.000104	0.146	0.0000023	0.0000825	0.000974	0.00193	6.57E-16
2094 Nov	0.0916	0.0000111	1.79	3.55	0.0716	0.000312	6.33	0.00159	0.0606	0.000595	0.000188	0.0000993	0.14	0.00000223	0.0000805	0.000925	0.00185	6.19E-16
2094 Dec	0.0912	0.0000111	1.78	3.53	0.0711	0.000313	6.31	0.00158	0.0605	0.00059	0.000187	0.0000988	0.139	0.00000222	0.0000804	0.000919	0.00184	6.15E-16
2095 Jan	0.0913	0.0000111	1.78	3.53	0.0711	0.000313	6.31	0.00158	0.0605	0.00059	0.000187	0.0000988	0.139	0.00000222	0.0000804	0.000919	0.00184	6.14E-16
2095 Feb	0.0913	0.0000111	1.78	3.53	0.0712	0.000313	6.31	0.00158	0.0605	0.00059	0.000187	0.0000989	0.139	0.00000222	0.0000804	0.00092	0.00184	6.14E-16
2095 Mar	0.0914	0.0000111	1.78	3.54	0.0713	0.000314	6.32	0.00159	0.0605	0.000591	0.000187	0.000099	0.14	0.00000223	0.0000805	0.000921	0.00185	6.15E-16

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0919	0.0000112	1.79	3.56	0.0717	0.000315	6.36	0.00159	0.0609	0.000594	0.000188	0.0000995	0.14	0.00000224	0.0000809	0.000926	0.00186	6.18E-16
2095 May	0.0927	0.0000112	1.8	3.59	0.0728	0.000313	6.4	0.0016	0.0609	0.000604	0.00019	0.0001	0.142	0.00000224	0.0000809	0.000937	0.00186	6.03E-16
2095 Jun	0.0949	0.0000113	1.84	3.68	0.0754	0.000311	6.53	0.00163	0.0615	0.000628	0.000194	0.000103	0.145	0.00000225	0.0000816	0.000966	0.00188	5.81E-16
2095 Jul	0.101	0.000012	1.96	3.92	0.0802	0.000331	6.94	0.00174	0.0654	0.000668	0.000207	0.00011	0.154	0.0000024	0.0000869	0.00103	0.002	6.17E-16
2095 Aug	0.101	0.000012	1.96	3.92	0.0801	0.000332	6.95	0.00174	0.0655	0.000667	0.000206	0.00011	0.154	0.0000024	0.000087	0.00103	0.002	6.16E-16
2095 Sep	0.101	0.0000121	1.96	3.92	0.0799	0.000335	6.96	0.00174	0.0657	0.000664	0.000206	0.00011	0.154	0.00000241	0.0000873	0.00102	0.00201	6.14E-16
2095 Oct	0.101	0.0000121	1.96	3.91	0.0798	0.000336	6.96	0.00174	0.0657	0.000664	0.000206	0.00011	0.154	0.00000241	0.0000873	0.00102	0.00201	6.13E-16
2095 Nov	0.0994	0.0000119	1.93	3.86	0.0783	0.000335	6.86	0.00172	0.065	0.000651	0.000202	0.000108	0.152	0.00000239	0.0000865	0.001	0.00198	6.01E-16
2095 Dec	0.099	0.0000119	1.93	3.84	0.0779	0.000336	6.84	0.00171	0.0649	0.000647	0.000201	0.000107	0.151	0.00000238	0.0000864	0.000998	0.00197	5.97E-16
2096 Jan	0.099	0.0000119	1.93	3.84	0.0779	0.000336	6.85	0.00171	0.0649	0.000647	0.000201	0.000107	0.151	0.00000238	0.0000864	0.000998	0.00197	5.97E-16
2096 Feb	0.0991	0.0000119	1.93	3.85	0.078	0.000336	6.85	0.00171	0.0649	0.000647	0.000201	0.000107	0.152	0.00000238	0.0000865	0.000999	0.00197	5.97E-16
2096 Mar	0.0992	0.0000119	1.93	3.85	0.0781	0.000337	6.86	0.00171	0.065	0.000648	0.000201	0.000108	0.152	0.00000239	0.0000865	0.001	0.00197	5.97E-16
2096 Apr	0.0997	0.000012	1.94	3.87	0.0785	0.000338	6.89	0.00172	0.0653	0.000651	0.000202	0.000108	0.153	0.0000024	0.000087	0.00101	0.00198	6E-16
2096 May	0.101	0.0000121	1.96	3.92	0.0798	0.00034	6.97	0.00174	0.0659	0.000663	0.000204	0.00011	0.155	0.00000242	0.0000877	0.00102	0.002	5.97E-16
2096 Jun	0.0889	0.000011	1.73	3.41	0.0694	0.000285	6.08	0.00155	0.059	0.000576	0.000195	0.0000965	0.135	0.00000219	0.0000774	0.000914	0.00187	4.64E-16
2096 Jul	0.091	0.0000113	1.77	3.49	0.0707	0.000291	6.22	0.00159	0.0607	0.000587	0.000202	0.0000988	0.138	0.00000226	0.0000795	0.000937	0.00194	4.71E-16
2096 Aug	0.096	0.0000119	1.87	3.68	0.0746	0.000307	6.56	0.00168	0.064	0.000619	0.000213	0.000104	0.145	0.00000239	0.0000839	0.000988	0.00205	4.97E-16
2096 Sep	0.0945	0.0000118	1.84	3.62	0.0729	0.00031	6.48	0.00166	0.0635	0.000604	0.000209	0.000102	0.143	0.00000237	0.0000833	0.000968	0.00202	4.85E-16
2096 Oct	0.0895	0.0000114	1.75	3.43	0.068	0.000311	6.18	0.00158	0.0612	0.000561	0.000194	0.0000965	0.136	0.00000227	0.0000807	0.000905	0.00191	4.5E-16
2096 Nov	0.0892	0.0000113	1.75	3.42	0.0676	0.000312	6.16	0.00157	0.0611	0.000557	0.000193	0.0000961	0.135	0.00000227	0.0000806	0.0009	0.00191	4.47E-16
2096 Dec	0.0892	0.0000113	1.75	3.42	0.0676	0.000312	6.16	0.00157	0.0611	0.000557	0.000193	0.000096	0.135	0.00000227	0.0000807	0.000899	0.00191	4.46E-16
2097 Jan	0.0892	0.0000113	1.75	3.42	0.0676	0.000312	6.16	0.00157	0.0611	0.000557	0.000193	0.000096	0.135	0.00000227	0.0000807	0.0009	0.00191	4.46E-16
2097 Feb	0.0892	0.0000113	1.75	3.42	0.0676	0.000312	6.16	0.00157	0.0611	0.000557	0.000193	0.0000961	0.135	0.00000227	0.0000807	0.0009	0.00191	4.46E-16
2097 Mar	0.0893	0.0000114	1.75	3.42	0.0677	0.000312	6.17	0.00157	0.0611	0.000557	0.000193	0.0000961	0.135	0.00000227	0.0000808	0.000901	0.00191	4.47E-16
2097 Apr	0.0899	0.0000114	1.76	3.44	0.0681	0.000314	6.21	0.00158	0.0615	0.000561	0.000194	0.0000968	0.136	0.00000229	0.0000813	0.000907	0.00192	4.49E-16
2097 May	0.0916	0.0000116	1.79	3.51	0.0697	0.000318	6.33	0.00161	0.0625	0.000575	0.000198	0.0000987	0.139	0.00000232	0.0000826	0.000926	0.00195	4.52E-16
2097 Jun	0.0917	0.0000113	1.78	3.52	0.0712	0.000303	6.29	0.0016	0.0611	0.00059	0.000198	0.0000991	0.139	0.00000226	0.0000806	0.000937	0.00192	4.07E-16
2097 Jul	0.097	0.000012	1.89	3.73	0.0753	0.00032	6.66	0.00169	0.0648	0.000624	0.00021	0.000105	0.147	0.0000024	0.0000853	0.000992	0.00203	4.31E-16
2097 Aug	0.101	0.0000124	1.96	3.87	0.078	0.000332	6.9	0.00176	0.0672	0.000647	0.000218	0.000109	0.152	0.00000249	0.0000885	0.00103	0.00211	4.46E-16
2097 Sep	0.102	0.0000127	1.99	3.93	0.0793	0.000338	7.02	0.00179	0.0683	0.000657	0.000221	0.000111	0.155	0.00000253	0.00009	0.00104	0.00214	4.53E-16
2097 Oct	0.101	0.0000125	1.97	3.89	0.0782	0.000337	6.95	0.00177	0.0677	0.000648	0.000218	0.000109	0.153	0.00000251	0.0000892	0.00103	0.00212	4.47E-16
2097 Nov	0.0999	0.0000124	1.95	3.84	0.0771	0.000336	6.87	0.00175	0.0671	0.000638	0.000215	0.000108	0.151	0.00000248	0.0000885	0.00102	0.0021	4.4E-16
2097 Dec	0.0994	0.0000124	1.94	3.82	0.0766	0.000337	6.84	0.00174	0.0669	0.000634	0.000214	0.000107	0.151	0.00000248	0.0000884	0.00101	0.00209	4.37E-16
2098 Jan	0.0995	0.0000124	1.94	3.82	0.0766	0.000337	6.85	0.00174	0.0669	0.000633	0.000214	0.000107	0.151	0.00000248	0.0000884	0.00101	0.00209	4.36E-16
2098 Feb	0.0995	0.0000124	1.94	3.82	0.0767	0.000337	6.85	0.00174	0.0669	0.000634	0.000214	0.000107	0.151	0.00000248	0.0000884	0.00101	0.00209	4.36E-16
2098 Mar	0.0996	0.0000124	1.94	3.83	0.0767	0.000337	6.86	0.00174	0.067	0.000634	0.000214	0.000107	0.151	0.00000248	0.0000885	0.00101	0.00209	4.37E-16
2098 Apr	0.1	0.0000124	1.95	3.84	0.077	0.000339	6.88	0.00175	0.0672	0.000636	0.000215	0.000108	0.152	0.00000249	0.0000888	0.00102	0.0021	4.38E-16
2098 May	0.101	0.0000123	1.96	3.9	0.0791	0.000331	6.94	0.00176	0.0668	0.000656	0.000216	0.000109	0.154	0.00000247	0.0000882	0.00103	0.00209	4.14E-16
2098 Jun	0.0956	0.0000111	1.84	3.7	0.0772	0.00029	6.5	0.00163	0.0608	0.000646	0.000202	0.000104	0.146	0.00000223	0.0000801	0.000993	0.0019	3.3E-16
2098 Jul	0.101	0.0000118	1.95	3.93	0.0819	0.000307	6.9	0.00174	0.0646	0.000685	0.000215	0.00011	0.155	0.00000237	0.000085	0.00105	0.00202	3.5E-16
2098 Aug	0.103	0.000012	1.98	3.97	0.0827	0.000314	6.99	0.00176	0.0654	0.000691	0.000217	0.000112	0.156	0.0000024	0.0000863	0.00106	0.00205	3.52E-16
2098 Sep	0.0978	0.0000116	1.89	3.79	0.078	0.000312	6.7	0.00168	0.0632	0.00065	0.000205	0.000106	0.149	0.00000232	0.0000836	0.001	0.00196	3.31E-16
2098 Oct	0.0933	0.0000112	1.81	3.61	0.0734	0.000312	6.43	0.00161	0.0612	0.00061	0.000193	0.000101	0.142	0.00000224	0.0000813	0.000948	0.00188	3.1E-16
2098 Nov	0.0917	0.0000111	1.78	3.55	0.0717	0.000314	6.33	0.00159	0.0606	0.000595	0.000188	0.0000991	0.14	0.00000222	0.0000807	0.000927	0.00185	3.03E-16
2098 Dec	0.0916	0.0000111	1.78	3.55	0.0717	0.000315	6.33	0.00159	0.0606	0.000594	0.000188	0.0000991	0.14	0.00000222	0.0000807	0.000926	0.00185	3.02E-16
2099 Jan	0.0917	0.0000111	1.79	3.55	0.0717	0.000315	6.34	0.00159	0.0606	0.000594	0.000188	0.0000991	0.14	0.00000222	0.0000807	0.000927	0.00185	3.02E-16
2099 Feb	0.0917	0.0000111	1.79	3.55	0.0717	0.000315	6.34	0.00159	0.0606	0.000594	0.000188	0.0000991	0.14	0.00000222	0.0000808	0.000927	0.00185	3.02E-16
2099 Mar	0.0919	0.0000111	1.79	3.56	0.0719	0.000315	6.35	0.00159	0.0607	0.000595	0.000188	0.0000993	0.14	0.00000223	0.0000809	0.000929	0.00185	3.03E-16
2099 Apr	0.0927	0.0000112	1.81	3.59	0.0726	0.000318	6.41	0.00161	0.0613	0.000601	0.00019	0.0001	0.142	0.00000225	0.0000816	0.000937	0.00187	3.05E-16
2099 May	0.0931	0.0000109	1.8	3.62	0.0748	0.000301	6.4	0.00159	0.0596	0.000616	0.000189	0.0001	0.143	0.00000217	0.0000794	0.000953	0.00182	2.73E-16
2099 Jun	0.0918	0.0000106	1.77	3.58	0.0745	0.000289	6.29	0.00156	0.0582	0.000615	0.000187	0.0000992	0.141	0.00000212	0.0000773	0.000945	0.00178	2.54E-16
2099 Jul	0.0965	0.0000112	1.86	3.76	0.0781	0.000304	6.61	0.00164	0.0612	0.000646	0.000196	0.000104	0.148	0.00000223	0.0000813	0.000992	0.00187	2.66E-16
2099 Aug	0.101	0.0000117	1.95	3.94	0.0817	0.00032	6.93	0.00172	0.0642	0.000675	0.000206	0.000109	0.155	0.00000234	0.0000853	0.00104	0.00196	2.78E-16
2099 Sep	0.0988	0.0000115	1.91	3.85	0.0795	0.000318	6.79	0.00169	0.0631	0.000656	0.0002	0.000107	0.151	0.0000023	0.000084	0.00101	0.00192	2.7E-16
2099 Oct	0.0961	0.0000113	1.86	3.74	0.0769	0.000317	6.62	0.00165	0.0619	0.000634	0.000193	0.000104	0.147	0.00000226	0.0000825	0.000978	0.00187	2.61E-16
2099 Nov	0.0941	0.0000111	1.83	3.66	0.0748	0.000318	6.5	0.00161	0.0611	0.000615	0.000188	0.000101	0.144	0.00000222	0.0000816	0.000952	0.00184	2.53E-16
2099 Dec	0.094	0.0000111	1.83	3.66	0.0746	0.000319	6.5	0.00161	0.0611	0.000614	0.000187	0.000101	0.144	0.00000223	0.0000817	0.000951	0.00184	2.52E-16
2100 Jan	0.0941	0.0000111	1.83	3.66	0.0746	0.000319	6.5	0.00161	0.0611	0.000614	0.000187	0.000101	0.144	0.00000223	0.0000817	0.000951	0.00184	2.52E-16
2100 Feb	0.0941	0.0000111	1.83	3.66	0.0747	0.000319	6.51	0.00161	0.0611	0.000614	0.000187	0.000101	0.144	0.00000223	0.0000817	0.000951	0.00184	2.52E-16
2100 Mar	0.0942	0.0000111	1.83	3.67	0.0747	0.000319	6.51	0.00162	0.0611	0.000614	0.000188	0.000101	0.144	0.00000223	0.0000817	0.000952	0.00184	2.52E-16
2100 Apr	0.0948	0.0000112	1.84	3.69	0.0753	0.000321	6.55	0.00163	0.0616	0.000618	0.000189	0.000102	0.145	0.00000224	0.0000823	0.000959	0.00185	2.54E-16
2100 May	0.0961	0.0000112	1.86	3.75	0.0769	0.000319	6.63	0.00164	0.0618	0.000633	0.000191	0.000103	0.147	0.00000225	0.0000826	0.000976	0.00186	2.47E-16
2100 Jun	0.0908	0.0000104	1.75	3.54	0.0739	0.000284	6.22	0.00154	0.0572	0.000613	0.000184	0.0000983	0.139	0.00000208	0.0000761	0.000936	0.00175	2.04E-16
2100 Jul	0.0922	0.0000106	1.77	3.59	0.0749	0.000288	6.3	0.00157	0.0582	0.000621	0.000187	0.0000997	0.141	0.00000212	0.0000773	0.000949	0.00178	2.06E-16
2100 Aug	0.0918	0.0000106	1.77	3.58	0.0744	0.000289	6.29	0.00156	0.0581	0.000617	0.000186	0.0000994	0.141	0.00000212	0.0000772	0.000943	0.00178	2.05E-16
2100 Sep	0.0916	0.0000106	1.77	3.57	0.074	0.000292	6.29	0.00156	0.0582	0.000613	0.000185	0.0000992	0.14	0.00000212	0.0000773	0.000938	0.00178	2.03E-16
2100 Oct	0.0917	0.0000106	1.77	3.57	0.0741	0.000293	6.3	0.00156	0.0583	0.000613	0.000185	0.0000994	0.141	0.00000213	0.0000775	0.000938	0.00178	2.03E-16
2100 Nov	0.0918	0.0000107	1.77	3.58	0.0741	0.000294	6.31	0.00157	0.0584	0.000613	0.000185	0.0000995	0.141	0.00000213	0.0000777	0.000939	0.00178	2.03E-16
2100 Dec	0.0919	0.0000107	1.77	3.58	0.0742	0.000294	6.31	0.00157	0.0584	0.000614	0.000185	0.0000995	0.141	0.00000213	0.0000777	0.000939	0.00178	2.03E-16
2101 Jan	0.0919	0.0000107	1.78	3.58	0.0742	0.000294	6.31	0.00157	0.0585	0.000614	0.000185	0.0000995	0.141	0.00000213	0.0000778	0.00094	0.00178	2.03E-16
2101 Feb	0.0919	0.0000107	1.78	3.58	0.0742	0.000294	6.31	0.00157	0.0585	0.000614	0.000185	0.0000995	0.141	0.00000213	0.0000778	0.00094	0.00178	2.03E-16
2101 Mar	0.0919	0.0000107	1.78	3.58	0.0742	0.000295	6.32	0.00157	0.0585	0.000614	0.000186	0.0000996	0.141	0.00000213	0.0000778	0.00094	0.00178	2.03E-16
2101 Apr	0.0923	0.0000107	1.78	3.6	0.0746	0.000296	6.34	0.00158	0.0587	0.000617	0.000186	0.0001	0.142	0.00000214	0.0000781	0.000944	0.00179	2.04E-16
2101 May	0.094	0.0000107	1.81	3.67	0.0767	0.000293	6.44	0.0016	0.059	0.000636	0.000189	0.000102	0.144	0.00000215	0.0000784	0.000967	0.0018	1.96E-16
2101 Jun	0.0914	0.0000103	1.75	3.57	0.0753	0.000274	6.23	0.00155	0.0567	0.000628	0.000186	0.0000995	0.14	0.00000207	0.0000752	0.000949	0.00175	1.74E-16
2101 Jul	0.0966	0.0000109	1.85	3.77	0.0795	0.000289	6.58	0.00163	0.06	0.000662	0.000197	0.000105	0.148	0.00000219	0.0000794	0.001	0.00185	1.83E-16
2101 Aug	0.102	0.0000115	1.95	3.97	0.0837	0.000305	6.93	0.00172	0.0632	0.000697	0.000208	0.000111	0.156	0.00000231	0.0000837	0.00106	0.00195	1.93E-16

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.101	0.0000115	1.94	3.93	0.0824	0.000308	6.88	0.00171	0.063	0.000685	0.000205	0.00011	0.154	0.0000023	0.0000835	0.00104	0.00194	1.9E-16
2101 Oct	0.1	0.0000114	1.93	3.9	0.0817	0.000309	6.84	0.0017	0.0627	0.000679	0.000203	0.000109	0.153	0.00000229	0.0000833	0.00103	0.00192	1.88E-16
2101 Nov	0.0978	0.0000112	1.89	3.82	0.0795	0.000308	6.71	0.00166	0.0617	0.00066	0.000197	0.000106	0.15	0.00000225	0.0000821	0.001	0.00188	1.82E-16
2101 Dec	0.0975	0.0000112	1.88	3.8	0.0791	0.000309	6.69	0.00166	0.0616	0.000656	0.000196	0.000106	0.15	0.00000225	0.000082	0.001	0.00188	1.81E-16
2102 Jan	0.0975	0.0000112	1.88	3.8	0.0791	0.000309	6.69	0.00166	0.0616	0.000656	0.000196	0.000106	0.15	0.00000225	0.000082	0.001	0.00188	1.81E-16
2102 Feb	0.0975	0.0000112	1.88	3.81	0.0792	0.000309	6.69	0.00166	0.0617	0.000656	0.000196	0.000106	0.15	0.00000225	0.000082	0.001	0.00188	1.81E-16
2102 Mar	0.0976	0.0000112	1.88	3.81	0.0792	0.000309	6.7	0.00166	0.0617	0.000657	0.000196	0.000106	0.15	0.00000225	0.0000821	0.001	0.00188	1.81E-16
2102 Apr	0.0979	0.0000113	1.89	3.82	0.0795	0.00031	6.72	0.00167	0.0619	0.000659	0.000197	0.000106	0.15	0.00000225	0.0000824	0.001	0.00188	1.82E-16
2102 May	0.0995	0.0000114	1.92	3.88	0.0808	0.000315	6.82	0.00169	0.0629	0.000669	0.0002	0.000108	0.153	0.00000229	0.0000836	0.00102	0.00191	1.85E-16
2102 Jun	0.0875	0.0000108	1.7	3.36	0.0686	0.000273	5.96	0.00153	0.0578	0.000566	0.000195	0.0000946	0.132	0.00000215	0.0000756	0.000908	0.00186	1.52E-16
2102 Jul	0.0841	0.0000107	1.64	3.2	0.0647	0.00026	5.71	0.00149	0.0567	0.000532	0.000197	0.0000908	0.126	0.00000213	0.0000736	0.000876	0.00187	1.41E-16
2102 Aug	0.0867	0.000011	1.69	3.29	0.0666	0.00027	5.89	0.00153	0.0585	0.000548	0.000203	0.0000936	0.13	0.0000022	0.000076	0.000902	0.00192	1.45E-16
2102 Sep	0.0869	0.0000111	1.69	3.3	0.0666	0.000274	5.91	0.00154	0.0588	0.000547	0.000203	0.0000939	0.13	0.00000222	0.0000764	0.000901	0.00193	1.45E-16
2102 Oct	0.0827	0.0000107	1.62	3.15	0.0625	0.000276	5.67	0.00147	0.0569	0.000511	0.00019	0.000089	0.124	0.00000214	0.0000744	0.000848	0.00184	1.35E-16
2102 Nov	0.0823	0.0000107	1.61	3.13	0.0619	0.000279	5.65	0.00147	0.0569	0.000506	0.000188	0.0000885	0.124	0.00000214	0.0000745	0.000841	0.00183	1.34E-16
2102 Dec	0.0823	0.0000107	1.62	3.13	0.0619	0.000279	5.65	0.00147	0.0569	0.000506	0.000188	0.0000885	0.124	0.00000214	0.0000745	0.000841	0.00183	1.34E-16
2103 Jan	0.0823	0.0000107	1.62	3.13	0.0619	0.000279	5.66	0.00147	0.057	0.000506	0.000188	0.0000885	0.124	0.00000214	0.0000745	0.000841	0.00183	1.34E-16
2103 Feb	0.0824	0.0000107	1.62	3.13	0.062	0.00028	5.66	0.00147	0.057	0.000506	0.000188	0.0000885	0.124	0.00000214	0.0000746	0.000841	0.00183	1.34E-16
2103 Mar	0.0825	0.0000107	1.62	3.14	0.062	0.00028	5.66	0.00147	0.057	0.000506	0.000188	0.0000886	0.124	0.00000214	0.0000746	0.000842	0.00183	1.34E-16
2103 Apr	0.0828	0.0000108	1.63	3.15	0.0623	0.000281	5.69	0.00148	0.0573	0.000509	0.000189	0.000089	0.125	0.00000215	0.000075	0.000846	0.00184	1.35E-16
2103 May	0.0849	0.0000108	1.66	3.24	0.0647	0.00028	5.81	0.0015	0.0578	0.00053	0.000192	0.0000914	0.128	0.00000216	0.0000757	0.000871	0.00186	1.31E-16
2103 Jun	0.0829	0.0000102	1.61	3.17	0.065	0.000255	5.63	0.00145	0.0548	0.000537	0.000188	0.0000898	0.125	0.00000204	0.0000715	0.000864	0.00177	1.09E-16
2103 Jul	0.0845	0.0000105	1.64	3.23	0.0658	0.00026	5.74	0.00148	0.0561	0.000544	0.000192	0.0000914	0.127	0.0000021	0.0000731	0.000876	0.00182	1.1E-16
2103 Aug	0.0837	0.0000106	1.62	3.18	0.0641	0.000261	5.69	0.00147	0.0562	0.00053	0.000188	0.0000902	0.125	0.00000212	0.0000728	0.000852	0.00181	1.07E-16
2103 Sep	0.0813	0.0000104	1.58	3.09	0.0615	0.000265	5.56	0.00143	0.0552	0.000508	0.000181	0.0000874	0.122	0.00000208	0.0000719	0.00082	0.00176	1.02E-16
2103 Oct	0.0771	0.00001	1.51	2.93	0.0574	0.000268	5.32	0.00137	0.0534	0.000471	0.000168	0.0000825	0.116	0.000002	0.00007	0.000768	0.00167	9.44E-17
2103 Nov	0.0761	0.00000992	1.49	2.89	0.0564	0.000269	5.26	0.00135	0.053	0.000462	0.000165	0.0000814	0.114	0.00000198	0.0000696	0.000755	0.00165	9.26E-17
2103 Dec	0.0761	0.00000992	1.49	2.89	0.0564	0.000269	5.26	0.00135	0.053	0.000462	0.000165	0.0000813	0.114	0.00000198	0.0000696	0.000755	0.00165	9.26E-17
2104 Jan	0.0761	0.00000992	1.49	2.89	0.0564	0.000269	5.26	0.00135	0.053	0.000462	0.000165	0.0000813	0.114	0.00000198	0.0000696	0.000755	0.00165	9.25E-17
2104 Feb	0.0762	0.00000992	1.49	2.9	0.0564	0.000269	5.26	0.00135	0.053	0.000462	0.000165	0.0000814	0.114	0.00000198	0.0000696	0.000755	0.00165	9.25E-17
2104 Mar	0.0763	0.00000993	1.5	2.9	0.0565	0.00027	5.27	0.00135	0.0531	0.000463	0.000165	0.0000814	0.115	0.00000199	0.0000697	0.000756	0.00165	9.26E-17
2104 Apr	0.0768	0.00001	1.51	2.92	0.0569	0.000271	5.31	0.00136	0.0534	0.000466	0.000166	0.000082	0.115	0.000002	0.0000702	0.000761	0.00167	9.32E-17
2104 May	0.0792	0.0000101	1.55	3.02	0.06	0.000269	5.45	0.00139	0.0539	0.000494	0.000171	0.0000849	0.119	0.00000201	0.0000708	0.000793	0.00168	8.9E-17
2104 Jun	0.0781	0.00000957	1.51	2.99	0.0608	0.000249	5.34	0.00136	0.0516	0.000504	0.000168	0.0000842	0.118	0.00000191	0.0000676	0.000794	0.00162	7.68E-17
2104 Jul	0.0808	0.00000993	1.56	3.09	0.0627	0.000258	5.52	0.0014	0.0535	0.000521	0.000174	0.000087	0.122	0.00000199	0.00007	0.000821	0.00168	7.92E-17
2104 Aug	0.0825	0.0000102	1.6	3.16	0.064	0.000265	5.64	0.00144	0.0547	0.000531	0.000177	0.000089	0.125	0.00000204	0.0000717	0.000837	0.00172	8.07E-17
2104 Sep	0.0808	0.0000101	1.57	3.1	0.0623	0.000266	5.55	0.00141	0.054	0.000515	0.000173	0.0000872	0.122	0.00000201	0.0000708	0.000814	0.00169	7.83E-17
2104 Oct	0.0783	0.00000984	1.53	3	0.0596	0.000269	5.4	0.00137	0.0529	0.000492	0.000165	0.0000842	0.118	0.00000197	0.0000698	0.000781	0.00164	7.47E-17
2104 Nov	0.0776	0.00000981	1.52	2.97	0.0588	0.000271	5.37	0.00136	0.0528	0.000485	0.000163	0.0000834	0.117	0.00000196	0.0000698	0.000772	0.00162	7.35E-17
2104 Dec	0.0776	0.00000981	1.52	2.98	0.0588	0.000272	5.37	0.00136	0.0528	0.000484	0.000163	0.0000834	0.118	0.00000196	0.0000698	0.000772	0.00162	7.35E-17
2105 Jan	0.0776	0.00000981	1.52	2.98	0.0588	0.000272	5.37	0.00136	0.0528	0.000484	0.000163	0.0000834	0.118	0.00000196	0.0000698	0.000772	0.00162	7.35E-17
2105 Feb	0.0777	0.00000982	1.52	2.98	0.0589	0.000272	5.37	0.00136	0.0529	0.000485	0.000163	0.0000834	0.118	0.00000196	0.0000698	0.000772	0.00162	7.35E-17
2105 Mar	0.0777	0.00000982	1.52	2.98	0.0589	0.000272	5.38	0.00136	0.0529	0.000485	0.000163	0.0000834	0.118	0.00000196	0.0000699	0.000773	0.00163	7.35E-17
2105 Apr	0.078	0.00000985	1.53	2.99	0.0591	0.000273	5.4	0.00137	0.0531	0.000487	0.000163	0.0000837	0.118	0.00000197	0.0000701	0.000776	0.00163	7.37E-17
2105 May	0.0795	0.0000099	1.55	3.06	0.061	0.000272	5.49	0.00139	0.0534	0.000504	0.000166	0.0000856	0.121	0.00000198	0.0000706	0.000796	0.00164	7.17E-17
2105 Jun	0.0808	0.00000985	1.57	3.11	0.063	0.000266	5.55	0.0014	0.0533	0.000523	0.000169	0.0000872	0.123	0.00000197	0.0000703	0.000816	0.00165	6.74E-17
2105 Jul	0.0837	0.0000102	1.62	3.22	0.0652	0.000276	5.75	0.00145	0.0553	0.000541	0.000175	0.0000903	0.127	0.00000204	0.0000729	0.000844	0.00171	6.97E-17
2105 Aug	0.0823	0.0000101	1.6	3.17	0.0638	0.000275	5.67	0.00143	0.0547	0.000528	0.000171	0.000089	0.125	0.00000203	0.0000721	0.000825	0.00168	6.8E-17
2105 Sep	0.079	0.00000991	1.55	3.04	0.0603	0.00028	5.49	0.00138	0.0534	0.000497	0.000162	0.0000853	0.12	0.00000198	0.0000708	0.000781	0.00163	6.39E-17
2105 Oct	0.0765	0.00000968	1.5	2.94	0.0578	0.000279	5.34	0.00134	0.0522	0.000475	0.000155	0.0000823	0.116	0.00000194	0.0000694	0.00075	0.00158	6.11E-17
2105 Nov	0.0753	0.00000958	1.48	2.9	0.0566	0.00028	5.27	0.00133	0.0517	0.000465	0.000151	0.000081	0.115	0.00000192	0.0000689	0.000736	0.00155	5.97E-17
2105 Dec	0.0753	0.00000958	1.48	2.9	0.0565	0.000281	5.27	0.00133	0.0517	0.000464	0.000151	0.0000809	0.115	0.00000192	0.000069	0.000735	0.00155	5.96E-17
2106 Jan	0.0753	0.00000958	1.48	2.9	0.0566	0.000281	5.27	0.00133	0.0518	0.000464	0.000151	0.0000809	0.115	0.00000192	0.000069	0.000735	0.00155	5.96E-17
2106 Feb	0.0753	0.00000959	1.48	2.9	0.0566	0.000281	5.27	0.00133	0.0518	0.000464	0.000151	0.0000809	0.115	0.00000192	0.000069	0.000736	0.00155	5.96E-17
2106 Mar	0.0754	0.00000959	1.48	2.9	0.0566	0.000281	5.28	0.00133	0.0518	0.000464	0.000151	0.000081	0.115	0.00000192	0.000069	0.000736	0.00155	5.96E-17
2106 Apr	0.0758	0.00000964	1.49	2.92	0.0569	0.000282	5.3	0.00133	0.052	0.000467	0.000152	0.0000814	0.115	0.00000193	0.0000694	0.00074	0.00156	5.99E-17
2106 May	0.0773	0.00000978	1.52	2.98	0.0584	0.000285	5.41	0.00136	0.0529	0.000479	0.000155	0.0000831	0.118	0.00000196	0.0000704	0.000757	0.00159	6E-17
2106 Jun	0.0745	0.00000934	1.46	2.86	0.057	0.000255	5.14	0.00131	0.0502	0.000471	0.000157	0.0000804	0.113	0.00000187	0.0000663	0.000747	0.00156	4.94E-17
2106 Jul	0.0763	0.00000969	1.49	2.92	0.0579	0.00026	5.26	0.00134	0.0519	0.000478	0.000164	0.0000822	0.115	0.00000194	0.0000682	0.000764	0.00162	4.98E-17
2106 Aug	0.0754	0.00000973	1.48	2.87	0.0564	0.000262	5.22	0.00133	0.0518	0.000465	0.000161	0.0000813	0.114	0.00000195	0.0000679	0.000744	0.00161	4.83E-17
2106 Sep	0.0728	0.00000957	1.44	2.78	0.0538	0.000265	5.08	0.0013	0.0506	0.000442	0.000153	0.0000788	0.11	0.00000191	0.0000667	0.000708	0.00156	4.58E-17
2106 Oct	0.0722	0.00000953	1.43	2.76	0.0532	0.000267	5.05	0.00129	0.0505	0.000436	0.000151	0.0000781	0.109	0.00000191	0.0000665	0.0007	0.00155	4.52E-17
2106 Nov	0.0723	0.00000955	1.43	2.76	0.0533	0.000268	5.06	0.00129	0.0506	0.000436	0.000151	0.0000783	0.11	0.00000191	0.0000667	0.000701	0.00156	4.52E-17
2106 Dec	0.0724	0.00000956	1.43	2.76	0.0533	0.000268	5.07	0.00129	0.0506	0.000436	0.000151	0.0000783	0.11	0.00000191	0.0000668	0.000701	0.00156	4.52E-17
2107 Jan	0.0724	0.00000956	1.43	2.76	0.0533	0.000268	5.07	0.00129	0.0506	0.000436	0.000151	0.0000783	0.11	0.00000191	0.0000668	0.000701	0.00156	4.52E-17
2107 Feb	0.0724	0.00000956	1.44	2.77	0.0533	0.000268	5.07	0.00129	0.0506	0.000437	0.000151	0.0000783	0.11	0.00000191	0.0000668	0.000702	0.00156	4.52E-17
2107 Mar	0.0725	0.00000957	1.44	2.77	0.0534	0.000269	5.08	0.0013	0.0507	0.000437	0.000151	0.0000784	0.11	0.00000191	0.0000669	0.000703	0.00156	4.53E-17
2107 Apr	0.0727	0.00000959	1.44	2.78	0.0535	0.000269	5.09	0.0013	0.0508	0.000438	0.000152	0.0000786	0.11	0.00000192	0.000067	0.000704	0.00156	4.54E-17
2107 May	0.0742	0.00000962	1.46	2.84	0.0554	0.000267	5.17	0.00132	0.0511	0.000455	0.000155	0.0000803	0.112	0.00000192	0.0000674	0.000725	0.00157	4.4E-17
2107 Jun	0.0768	0.00000949	1.5	2.96	0.0597	0.000256	5.31	0.00134	0.0508	0.000495	0.000159	0.0000837	0.117	0.0000019	0.0000669	0.000767	0.00157	3.89E-17
2107 Jul	0.0784	0.00000972	1.53	3.02	0.0607	0.000261	5.41	0.00137	0.052	0.000504	0.000163	0.0000853	0.119	0.00000194	0.0000684	0.000781	0.00161	3.95E-17
2107 Aug	0.0812	0.0000101	1.59	3.12	0.0628	0.000271	5.61	0.00142	0.0539	0.000521	0.000168	0.0000884	0.123	0.00000202	0.0000709	0.000808	0.00167	4.08E-17
2107 Sep	0.0817	0.0000102	1.6	3.14	0.063	0.000275	5.65	0.00143	0.0544	0.000522	0.000169	0.0000889	0.124	0.00000203	0.0000716	0.00081	0.00168	4.09E-17
2107 Oct	0.0806	0.0000101	1.58	3.1	0.0619	0.000275	5.59	0.00141	0.0539	0.000513	0.000166	0.0000876	0.123	0.00000202	0.0000711	0.000797	0.00166	4.01E-17
2107 Nov	0.0802	0.00001	1.57	3.08	0.0614	0.000277	5.56	0.0014	0.0538	0.000508	0.000164	0.000087	0.122	0.00000201	0.000071	0.000791	0.00165	3.98E-17
2107 Dec	0.0802	0.00001	1.57	3.08	0.0614	0.000277	5.56	0.0014	0.0538	0.000508	0.000164	0.000087	0.122	0.00000201	0.000071	0.000791	0.00165	3.98E-17
2108 Jan	0.0802	0.0000101	1.57	3.08	0.0614	0.000277	5.56	0.00141	0.0538	0.000508	0.000164	0.000087	0.122	0.00000201	0.000071	0.000791	0.00165	3.97E-17

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0802	0.0000101	1.57	3.09	0.0614	0.000277	5.57	0.00141	0.0538	0.000508	0.000164	0.000087	0.122	0.00000201	0.000071	0.000791	0.00165	3.97E-17
2108 Mar	0.0803	0.0000101	1.57	3.09	0.0615	0.000277	5.57	0.00141	0.0539	0.000509	0.000165	0.0000872	0.122	0.00000201	0.0000711	0.000792	0.00165	3.98E-17
2108 Apr	0.0811	0.0000102	1.59	3.12	0.0621	0.00028	5.63	0.00142	0.0544	0.000514	0.000166	0.000088	0.123	0.00000203	0.0000718	0.0008	0.00167	4.02E-17
2108 May	0.0828	0.0000104	1.62	3.19	0.0634	0.000286	5.75	0.00145	0.0556	0.000525	0.00017	0.0000899	0.126	0.00000207	0.0000733	0.000817	0.0017	4.1E-17
2108 Jun	0.0784	0.0000102	1.54	2.98	0.0588	0.000265	5.4	0.00139	0.0539	0.000485	0.000173	0.0000849	0.118	0.00000204	0.0000703	0.000782	0.00171	3.66E-17
2108 Jul	0.082	0.0000107	1.61	3.11	0.0613	0.000277	5.65	0.00146	0.0566	0.000505	0.000183	0.0000888	0.123	0.00000215	0.0000737	0.00082	0.00181	3.8E-17
2108 Aug	0.0868	0.0000114	1.7	3.29	0.0648	0.000293	5.98	0.00155	0.0599	0.000534	0.000193	0.000094	0.13	0.00000227	0.000078	0.000867	0.00191	4.01E-17
2108 Sep	0.0875	0.0000115	1.72	3.32	0.0653	0.000297	6.03	0.00156	0.0605	0.000538	0.000195	0.0000947	0.131	0.00000229	0.0000788	0.000873	0.00193	4.04E-17
2108 Oct	0.0824	0.0000109	1.63	3.13	0.0604	0.000297	5.72	0.00148	0.0579	0.000496	0.00018	0.0000887	0.124	0.00000219	0.000076	0.000811	0.00182	3.72E-17
2108 Nov	0.0816	0.0000109	1.61	3.1	0.0595	0.0003	5.68	0.00146	0.0578	0.000487	0.000177	0.0000878	0.123	0.00000218	0.0000759	0.0008	0.0018	3.65E-17
2108 Dec	0.0816	0.0000109	1.62	3.1	0.0595	0.0003	5.68	0.00147	0.0578	0.000487	0.000177	0.0000878	0.123	0.00000218	0.0000759	0.0008	0.0018	3.65E-17
2109 Jan	0.0816	0.0000109	1.62	3.1	0.0595	0.0003	5.68	0.00147	0.0578	0.000487	0.000177	0.0000878	0.123	0.00000218	0.0000759	0.0008	0.0018	3.65E-17
2109 Feb	0.0817	0.0000109	1.62	3.1	0.0596	0.0003	5.69	0.00147	0.0578	0.000487	0.000177	0.0000878	0.123	0.00000218	0.000076	0.0008	0.0018	3.65E-17
2109 Mar	0.0818	0.0000109	1.62	3.11	0.0596	0.0003	5.69	0.00147	0.0579	0.000488	0.000177	0.0000879	0.123	0.00000218	0.0000761	0.000802	0.00181	3.66E-17
2109 Apr	0.0823	0.000011	1.63	3.13	0.06	0.000302	5.73	0.00148	0.0583	0.000491	0.000179	0.0000885	0.124	0.0000022	0.0000766	0.000807	0.00182	3.68E-17
2109 May	0.0842	0.000011	1.66	3.21	0.0625	0.0003	5.84	0.0015	0.0585	0.000514	0.000182	0.0000908	0.127	0.0000022	0.0000769	0.000833	0.00183	3.54E-17
2109 Jun	0.0869	0.000011	1.7	3.33	0.0664	0.000292	5.99	0.00153	0.0586	0.00055	0.000186	0.0000941	0.131	0.00000219	0.000077	0.000871	0.00183	3.27E-17
2109 Jul	0.0886	0.0000113	1.73	3.38	0.0673	0.000299	6.11	0.00156	0.0601	0.000557	0.00019	0.0000958	0.134	0.00000225	0.0000787	0.000883	0.00188	3.3E-17
2109 Aug	0.0905	0.0000116	1.77	3.44	0.068	0.000307	6.24	0.0016	0.0617	0.000564	0.000192	0.0000977	0.136	0.00000232	0.0000806	0.000892	0.00192	3.33E-17
2109 Sep	0.0892	0.0000115	1.75	3.4	0.0666	0.000309	6.17	0.00158	0.0612	0.000551	0.000188	0.0000961	0.134	0.0000023	0.0000802	0.000874	0.0019	3.25E-17
2109 Oct	0.0839	0.000011	1.65	3.2	0.0614	0.000312	5.86	0.00149	0.0589	0.000505	0.000173	0.0000899	0.127	0.0000022	0.0000777	0.000809	0.00179	2.97E-17
2109 Nov	0.0838	0.000011	1.65	3.19	0.0611	0.000314	5.85	0.00149	0.0589	0.000502	0.000172	0.0000896	0.126	0.00000221	0.0000779	0.000806	0.00179	2.95E-17
2109 Dec	0.0838	0.000011	1.65	3.19	0.0611	0.000315	5.86	0.00149	0.059	0.000502	0.000172	0.0000897	0.126	0.00000221	0.0000779	0.000806	0.00179	2.95E-17
2110 Jan	0.0838	0.000011	1.65	3.19	0.0611	0.000315	5.86	0.00149	0.059	0.000502	0.000172	0.0000897	0.126	0.00000221	0.0000779	0.000806	0.00179	2.95E-17
2110 Feb	0.0839	0.000011	1.65	3.19	0.0612	0.000315	5.86	0.00149	0.059	0.000502	0.000172	0.0000897	0.126	0.00000221	0.000078	0.000807	0.00179	2.95E-17
2110 Mar	0.084	0.0000111	1.66	3.2	0.0612	0.000315	5.87	0.00149	0.0591	0.000503	0.000173	0.0000898	0.127	0.00000221	0.000078	0.000808	0.00179	2.96E-17
2110 Apr	0.0843	0.0000111	1.66	3.21	0.0615	0.000316	5.89	0.0015	0.0593	0.000505	0.000173	0.0000901	0.127	0.00000222	0.0000783	0.000811	0.0018	2.97E-17
2110 May	0.0856	0.0000112	1.69	3.26	0.0627	0.000318	5.97	0.00152	0.0598	0.000516	0.000176	0.0000916	0.129	0.00000224	0.0000791	0.000825	0.00181	2.96E-17
2110 Jun	0.0853	0.0000105	1.66	3.28	0.0659	0.000283	5.87	0.00148	0.0565	0.000549	0.000176	0.0000921	0.129	0.00000209	0.0000744	0.00085	0.00173	2.36E-17
2110 Jul	0.0878	0.0000108	1.7	3.37	0.0677	0.000291	6.04	0.00152	0.0582	0.000564	0.000181	0.0000948	0.133	0.00000216	0.0000766	0.000874	0.00179	2.42E-17
2110 Aug	0.0804	0.0000103	1.58	3.06	0.0599	0.000281	5.59	0.00142	0.0548	0.000498	0.000162	0.0000869	0.121	0.00000207	0.0000718	0.000768	0.00166	2.11E-17
2110 Sep	0.0749	0.00000987	1.48	2.86	0.0545	0.000284	5.27	0.00133	0.0524	0.000449	0.000147	0.0000806	0.113	0.00000197	0.0000692	0.000702	0.00156	1.9E-17
2110 Oct	0.0705	0.00000948	1.4	2.69	0.05	0.000288	5.01	0.00126	0.0506	0.00041	0.000135	0.0000753	0.107	0.0000019	0.0000673	0.000648	0.00147	1.73E-17
2110 Nov	0.0695	0.00000938	1.39	2.65	0.0491	0.000287	4.95	0.00124	0.0501	0.000402	0.000132	0.0000742	0.105	0.00000188	0.0000668	0.000637	0.00145	1.69E-17
2110 Dec	0.0695	0.00000939	1.39	2.65	0.0491	0.000288	4.95	0.00124	0.0501	0.000401	0.000132	0.0000742	0.105	0.00000188	0.0000669	0.000637	0.00145	1.69E-17
2111 Jan	0.0696	0.00000939	1.39	2.65	0.0491	0.000288	4.95	0.00125	0.0502	0.000401	0.000132	0.0000742	0.105	0.00000188	0.0000669	0.000637	0.00145	1.69E-17
2111 Feb	0.0696	0.00000939	1.39	2.66	0.0491	0.000288	4.95	0.00125	0.0502	0.000401	0.000132	0.0000742	0.105	0.00000188	0.0000669	0.000637	0.00145	1.69E-17
2111 Mar	0.0697	0.00000941	1.39	2.66	0.0492	0.000289	4.96	0.00125	0.0503	0.000402	0.000132	0.0000743	0.106	0.00000188	0.000067	0.000639	0.00146	1.69E-17
2111 Apr	0.0702	0.00000948	1.4	2.68	0.0496	0.000291	5	0.00126	0.0506	0.000405	0.000133	0.0000749	0.106	0.0000019	0.0000675	0.000643	0.00147	1.7E-17
2111 May	0.0723	0.0000096	1.44	2.76	0.0518	0.000292	5.12	0.00129	0.0514	0.000424	0.000137	0.0000772	0.11	0.00000192	0.0000685	0.000668	0.00149	1.68E-17
2111 Jun	0.075	0.00000938	1.47	2.89	0.0567	0.000271	5.24	0.00131	0.0506	0.000471	0.000145	0.0000808	0.114	0.00000188	0.0000672	0.000721	0.0015	1.42E-17
2111 Jul	0.0794	0.00000995	1.55	3.05	0.06	0.000287	5.54	0.00138	0.0536	0.000498	0.000154	0.0000855	0.121	0.00000199	0.0000711	0.000762	0.00159	1.5E-17
2111 Aug	0.0772	0.00000988	1.52	2.97	0.0575	0.000288	5.43	0.00136	0.0528	0.000476	0.000148	0.0000835	0.117	0.00000198	0.0000701	0.000729	0.00156	1.43E-17
2111 Sep	0.0758	0.00000986	1.51	2.92	0.056	0.000292	5.37	0.00134	0.0524	0.000461	0.000144	0.0000824	0.116	0.00000197	0.0000697	0.000708	0.00154	1.39E-17
2111 Oct	0.073	0.00000958	1.45	2.81	0.0534	0.000291	5.19	0.0013	0.051	0.000438	0.000137	0.0000791	0.112	0.00000192	0.0000681	0.000677	0.00149	1.32E-17
2111 Nov	0.0709	0.0000094	1.42	2.73	0.0511	0.000293	5.07	0.00126	0.0502	0.000419	0.000131	0.0000765	0.108	0.00000188	0.0000673	0.000651	0.00145	1.26E-17
2111 Dec	0.0709	0.00000941	1.42	2.73	0.0511	0.000293	5.07	0.00126	0.0503	0.000418	0.000131	0.0000765	0.108	0.00000188	0.0000673	0.00065	0.00145	1.25E-17
2112 Jan	0.0709	0.00000941	1.42	2.73	0.0511	0.000294	5.07	0.00126	0.0503	0.000418	0.000131	0.0000765	0.108	0.00000188	0.0000674	0.000651	0.00145	1.25E-17
2112 Feb	0.071	0.00000941	1.42	2.73	0.0512	0.000294	5.07	0.00127	0.0503	0.000418	0.000131	0.0000765	0.108	0.00000188	0.0000674	0.000651	0.00145	1.25E-17
2112 Mar	0.0711	0.00000943	1.42	2.74	0.0513	0.000294	5.09	0.00127	0.0504	0.000419	0.000131	0.0000767	0.109	0.00000189	0.0000675	0.000653	0.00145	1.26E-17
2112 Apr	0.0716	0.00000949	1.43	2.76	0.0516	0.000296	5.12	0.00128	0.0507	0.000422	0.000132	0.0000772	0.109	0.0000019	0.000068	0.000657	0.00146	1.26E-17
2112 May	0.0739	0.00000958	1.47	2.85	0.0543	0.000294	5.25	0.00131	0.0514	0.000446	0.000137	0.0000798	0.113	0.00000192	0.0000688	0.000687	0.00149	1.22E-17
2112 Jun	0.0726	0.00000889	1.42	2.81	0.0561	0.000255	5.07	0.00126	0.048	0.000467	0.00014	0.000079	0.111	0.00000178	0.0000638	0.000705	0.00142	9.53E-18
2112 Jul	0.0738	0.00000913	1.45	2.85	0.0568	0.000259	5.15	0.00128	0.0491	0.000472	0.000144	0.0000803	0.113	0.00000183	0.0000651	0.000717	0.00147	9.59E-18
2112 Aug	0.0763	0.00000948	1.5	2.95	0.0585	0.00027	5.33	0.00133	0.0509	0.000486	0.000149	0.0000831	0.117	0.0000019	0.0000674	0.000739	0.00152	9.88E-18
2112 Sep	0.0759	0.00000949	1.49	2.93	0.058	0.000273	5.32	0.00133	0.0508	0.000482	0.000147	0.0000828	0.116	0.0000019	0.0000675	0.000733	0.00151	9.78E-18
2112 Oct	0.0752	0.00000943	1.48	2.91	0.0573	0.000274	5.28	0.00132	0.0506	0.000475	0.000145	0.0000819	0.115	0.00000189	0.0000672	0.000723	0.0015	9.63E-18
2112 Nov	0.0751	0.00000944	1.48	2.9	0.0571	0.000275	5.28	0.00132	0.0507	0.000473	0.000145	0.0000817	0.115	0.00000189	0.0000674	0.000721	0.0015	9.59E-18
2112 Dec	0.0752	0.00000945	1.48	2.9	0.0571	0.000276	5.28	0.00132	0.0507	0.000473	0.000145	0.0000818	0.115	0.00000189	0.0000674	0.000721	0.0015	9.59E-18
2113 Jan	0.0752	0.00000945	1.48	2.91	0.0571	0.000276	5.28	0.00132	0.0507	0.000473	0.000145	0.0000818	0.115	0.00000189	0.0000675	0.000722	0.0015	9.59E-18
2113 Feb	0.0752	0.00000945	1.48	2.91	0.0571	0.000276	5.28	0.00132	0.0507	0.000473	0.000145	0.0000818	0.115	0.00000189	0.0000675	0.000722	0.0015	9.59E-18
2113 Mar	0.0755	0.00000948	1.49	2.92	0.0573	0.000277	5.3	0.00132	0.0509	0.000474	0.000145	0.0000821	0.115	0.0000019	0.0000677	0.000724	0.00151	9.62E-18
2113 Apr	0.0759	0.00000954	1.5	2.94	0.0577	0.000278	5.33	0.00133	0.0512	0.000477	0.000146	0.0000826	0.116	0.00000191	0.0000681	0.000729	0.00152	9.68E-18
2113 May	0.0778	0.00000965	1.53	3.01	0.0597	0.000279	5.45	0.00136	0.0519	0.000496	0.00015	0.0000848	0.119	0.00000193	0.000069	0.000753	0.00154	9.5E-18
2113 Jun	0.0789	0.00000942	1.53	3.07	0.0624	0.000263	5.47	0.00136	0.0509	0.000521	0.000153	0.0000863	0.121	0.00000188	0.0000676	0.00078	0.00153	8.35E-18
2113 Jul	0.0822	0.00000983	1.6	3.19	0.0649	0.000274	5.7	0.00141	0.0531	0.000542	0.00016	0.0000898	0.126	0.00000197	0.0000704	0.000811	0.00159	8.67E-18
2113 Aug	0.0847	0.0000102	1.65	3.28	0.0667	0.000283	5.87	0.00146	0.0548	0.000557	0.000164	0.0000925	0.13	0.00000203	0.0000726	0.000833	0.00164	8.9E-18
2113 Sep	0.0833	0.0000101	1.62	3.23	0.0651	0.000286	5.79	0.00144	0.0544	0.000543	0.000161	0.0000909	0.128	0.00000201	0.0000722	0.000815	0.00162	8.68E-18
2113 Oct	0.077	0.00000955	1.51	2.99	0.0587	0.000288	5.42	0.00134	0.0518	0.000486	0.000145	0.0000834	0.118	0.00000191	0.0000693	0.000739	0.00151	7.75E-18
2113 Nov	0.0758	0.00000948	1.49	2.94	0.0573	0.000291	5.35	0.00132	0.0515	0.000474	0.000141	0.0000819	0.116	0.0000019	0.0000691	0.000723	0.00149	7.54E-18
2113 Dec	0.0758	0.00000949	1.5	2.94	0.0573	0.000292	5.35	0.00132	0.0515	0.000473	0.000141	0.0000819	0.116	0.0000019	0.0000692	0.000722	0.00149	7.53E-18
2114 Jan	0.0759	0.00000949	1.5	2.94	0.0573	0.000292	5.36	0.00132	0.0515	0.000473	0.000141	0.0000819	0.116	0.0000019	0.0000692	0.000723	0.00149	7.53E-18
2114 Feb	0.0759	0.00000949	1.5	2.94	0.0573	0.000292	5.36	0.00132	0.0515	0.000473	0.000141	0.0000819	0.116	0.0000019	0.0000692	0.000723	0.00149	7.53E-18
2114 Mar	0.076	0.00000951	1.5	2.95	0.0575	0.000292	5.37	0.00133	0.0516	0.000474	0.000141	0.0000821	0.117	0.0000019	0.0000694	0.000724	0.00149	7.54E-18
2114 Apr	0.0764	0.00000955	1.51	2.96	0.0577	0.000294	5.39	0.00133	0.0518	0.000476	0.000142	0.0000824	0.117	0.00000191	0.0000697	0.000728	0.0015	7.57E-18
2114 May	0.078	0.00000955	1.53	3.03	0.06	0.000288	5.48	0.00135	0.052	0.000497	0.000146	0.0000844	0.12	0.00000191	0.0000697	0.000752	0.00151	7.21E-18
2114 Jun	0.0814	0.00000967	1.58	3.17	0.0641	0.000284	5.67	0.0014	0.0529	0.000534	0.000153	0.0000884	0.125	0.00000193	0.0000707	0.000799	0.00155	6.74E-18

Appendix D.2-3: B6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.0866	0.0000103	1.69	3.37	0.0681	0.000302	6.03	0.00148	0.0563	0.000568	0.000163	0.000094	0.133	0.00000206	0.0000753	0.000849	0.00165	7.16E-18
2114 Aug	0.092	0.0000109	1.79	3.58	0.0723	0.000321	6.41	0.00158	0.0598	0.000603	0.000173	0.0000999	0.141	0.00000219	0.00008	0.000901	0.00175	7.6E-18
2114 Sep	0.09	0.0000108	1.76	3.51	0.0703	0.000322	6.3	0.00155	0.059	0.000585	0.000168	0.0000977	0.138	0.00000216	0.0000791	0.000877	0.00172	7.37E-18
2114 Oct	0.0863	0.0000105	1.69	3.36	0.0665	0.000321	6.06	0.00149	0.0574	0.000552	0.000159	0.0000933	0.133	0.0000021	0.0000772	0.000833	0.00165	6.94E-18
2114 Nov	0.0831	0.0000102	1.64	3.24	0.0633	0.000322	5.87	0.00144	0.0561	0.000523	0.000151	0.0000896	0.128	0.00000205	0.0000758	0.000794	0.0016	6.57E-18
2114 Dec	0.0829	0.0000102	1.63	3.23	0.063	0.000323	5.86	0.00144	0.0561	0.00052	0.000151	0.0000893	0.128	0.00000205	0.0000758	0.000791	0.0016	6.54E-18
2115 Jan	0.0829	0.0000102	1.63	3.23	0.063	0.000324	5.87	0.00144	0.0561	0.00052	0.000151	0.0000893	0.128	0.00000205	0.0000758	0.000791	0.0016	6.53E-18
2115 Feb	0.083	0.0000102	1.63	3.23	0.0631	0.000324	5.87	0.00144	0.0561	0.000521	0.000151	0.0000893	0.128	0.00000205	0.0000759	0.000792	0.0016	6.53E-18
2115 Mar	0.0831	0.0000102	1.64	3.24	0.0632	0.000324	5.88	0.00144	0.0562	0.000521	0.000151	0.0000894	0.128	0.00000205	0.0000759	0.000793	0.0016	6.54E-18
2115 Apr	0.0836	0.0000103	1.65	3.26	0.0636	0.000326	5.91	0.00145	0.0565	0.000524	0.000152	0.0000899	0.129	0.00000206	0.0000764	0.000798	0.00161	6.57E-18
2115 May	0.0844	0.0000103	1.66	3.29	0.0648	0.000322	5.95	0.00146	0.0564	0.000536	0.000154	0.0000909	0.13	0.00000206	0.0000762	0.000811	0.00161	6.37E-18
2115 Jun	0.0878	0.0000106	1.72	3.43	0.0682	0.000325	6.17	0.00151	0.058	0.000566	0.000161	0.0000949	0.135	0.00000211	0.0000782	0.000851	0.00167	6.3E-18
2115 Jul	0.0923	0.0000111	1.81	3.6	0.0716	0.000342	6.48	0.00159	0.061	0.000594	0.000169	0.0000997	0.142	0.00000222	0.0000822	0.000894	0.00175	6.61E-18
2115 Aug	0.09	0.0000109	1.77	3.51	0.0694	0.000338	6.34	0.00155	0.0598	0.000575	0.000164	0.0000973	0.139	0.00000218	0.0000806	0.000866	0.00171	6.39E-18
2115 Sep	0.0893	0.0000109	1.76	3.49	0.0686	0.000341	6.31	0.00155	0.0597	0.000567	0.000162	0.0000968	0.138	0.00000219	0.0000805	0.000855	0.00171	6.3E-18
2115 Oct	0.0891	0.0000109	1.76	3.48	0.0684	0.000341	6.3	0.00155	0.0596	0.000565	0.000162	0.0000966	0.137	0.00000218	0.0000805	0.000852	0.00171	6.27E-18
2115 Nov	0.0876	0.0000108	1.73	3.42	0.067	0.00034	6.21	0.00152	0.0589	0.000553	0.000158	0.0000949	0.135	0.00000216	0.0000796	0.000835	0.00168	6.13E-18
2115 Dec	0.0874	0.0000108	1.73	3.41	0.0667	0.000341	6.2	0.00152	0.0589	0.00055	0.000158	0.0000946	0.135	0.00000216	0.0000796	0.000832	0.00168	6.11E-18
2116 Jan	0.0874	0.0000108	1.73	3.41	0.0667	0.000341	6.2	0.00152	0.0589	0.00055	0.000158	0.0000946	0.135	0.00000216	0.0000796	0.000832	0.00168	6.1E-18
2116 Feb	0.0875	0.0000108	1.73	3.42	0.0668	0.000341	6.2	0.00152	0.0589	0.000551	0.000158	0.0000947	0.135	0.00000216	0.0000797	0.000833	0.00168	6.1E-18
2116 Mar	0.0876	0.0000108	1.73	3.42	0.0669	0.000341	6.21	0.00152	0.059	0.000551	0.000158	0.0000947	0.135	0.00000216	0.0000797	0.000834	0.00168	6.11E-18
2116 Apr	0.0881	0.0000109	1.74	3.44	0.0673	0.000343	6.25	0.00153	0.0593	0.000555	0.000159	0.0000953	0.136	0.00000217	0.0000802	0.000839	0.00169	6.14E-18
2116 May	0.0896	0.0000109	1.76	3.5	0.069	0.000342	6.33	0.00155	0.0597	0.00057	0.000162	0.000097	0.138	0.00000218	0.0000806	0.000859	0.0017	6.01E-18
2116 Jun	0.0859	0.0000101	1.67	3.36	0.0681	0.000298	5.98	0.00147	0.0554	0.000568	0.000161	0.0000934	0.132	0.00000202	0.0000743	0.000847	0.00162	4.8E-18
2116 Jul	0.0903	0.0000107	1.76	3.53	0.0715	0.000313	6.29	0.00155	0.0583	0.000596	0.00017	0.0000982	0.139	0.00000213	0.0000781	0.000891	0.00171	5.04E-18
2116 Aug	0.0945	0.0000112	1.84	3.69	0.0748	0.000328	6.58	0.00162	0.0611	0.000623	0.000178	0.000103	0.145	0.00000223	0.0000818	0.000932	0.00179	5.27E-18
2116 Sep	0.0902	0.0000108	1.77	3.52	0.0703	0.000331	6.33	0.00155	0.0594	0.000583	0.000167	0.0000978	0.139	0.00000217	0.00008	0.000879	0.00172	4.93E-18
2116 Oct	0.0855	0.0000105	1.68	3.34	0.0655	0.000332	6.05	0.00148	0.0575	0.000541	0.000156	0.0000922	0.132	0.00000209	0.0000779	0.000821	0.00164	4.56E-18
2116 Nov	0.0854	0.0000105	1.68	3.33	0.0652	0.000333	6.04	0.00148	0.0575	0.000538	0.000155	0.000092	0.132	0.00000209	0.0000779	0.000819	0.00164	4.54E-18
2116 Dec	0.0854	0.0000105	1.68	3.33	0.0652	0.000333	6.04	0.00148	0.0575	0.000538	0.000155	0.000092	0.132	0.0000021	0.0000779	0.000818	0.00164	4.53E-18
2117 Jan	0.0854	0.0000105	1.68	3.33	0.0652	0.000333	6.04	0.00148	0.0575	0.000538	0.000155	0.000092	0.132	0.0000021	0.000078	0.000818	0.00164	4.53E-18
2117 Feb	0.0854	0.0000105	1.68	3.33	0.0652	0.000333	6.04	0.00148	0.0575	0.000538	0.000155	0.000092	0.132	0.0000021	0.000078	0.000819	0.00164	4.53E-18
2117 Mar	0.0855	0.0000105	1.68	3.34	0.0653	0.000334	6.05	0.00148	0.0576	0.000539	0.000155	0.0000921	0.132	0.0000021	0.0000781	0.00082	0.00164	4.54E-18
2117 Apr	0.0861	0.0000106	1.7	3.36	0.0658	0.000336	6.09	0.00149	0.058	0.000542	0.000156	0.0000928	0.133	0.00000211	0.0000786	0.000826	0.00165	4.57E-18
2117 May	0.0876	0.0000107	1.72	3.42	0.0674	0.000337	6.19	0.00151	0.0586	0.000557	0.00016	0.0000945	0.135	0.00000213	0.0000794	0.000844	0.00167	4.53E-18
2117 Jun	0.0898	0.0000107	1.76	3.51	0.0703	0.00033	6.3	0.00154	0.0589	0.000583	0.000165	0.0000972	0.139	0.00000214	0.0000796	0.000877	0.00169	4.27E-18
2117 Jul	0.0948	0.0000113	1.85	3.71	0.0742	0.000348	6.65	0.00163	0.0623	0.000616	0.000174	0.000103	0.146	0.00000226	0.000084	0.000925	0.00179	4.5E-18
2117 Aug	0.0977	0.0000117	1.91	3.82	0.0763	0.000359	6.85	0.00168	0.0642	0.000633	0.00018	0.000106	0.151	0.00000233	0.0000866	0.000952	0.00185	4.63E-18
2117 Sep	0.0989	0.0000118	1.93	3.87	0.0772	0.000365	6.94	0.0017	0.0651	0.00064	0.000182	0.000107	0.153	0.00000237	0.0000878	0.000963	0.00187	4.68E-18
2117 Oct	0.0973	0.0000117	1.91	3.81	0.0757	0.000363	6.84	0.00167	0.0643	0.000627	0.000178	0.000105	0.15	0.00000234	0.0000869	0.000945	0.00184	4.58E-18
2117 Nov	0.0964	0.0000116	1.89	3.77	0.0747	0.000363	6.78	0.00166	0.0639	0.000619	0.000176	0.000104	0.149	0.00000232	0.0000864	0.000933	0.00183	4.52E-18
2117 Dec	0.0961	0.0000116	1.88	3.76	0.0744	0.000364	6.77	0.00166	0.0638	0.000616	0.000175	0.000104	0.148	0.00000232	0.0000863	0.00093	0.00182	4.5E-18
2118 Jan	0.0961	0.0000116	1.88	3.76	0.0744	0.000364	6.77	0.00166	0.0638	0.000616	0.000175	0.000104	0.148	0.00000232	0.0000863	0.00093	0.00182	4.49E-18
2118 Feb	0.0962	0.0000116	1.89	3.76	0.0745	0.000364	6.77	0.00166	0.0638	0.000616	0.000175	0.000104	0.148	0.00000232	0.0000864	0.000931	0.00182	4.49E-18
2118 Mar	0.0962	0.0000116	1.89	3.76	0.0746	0.000364	6.78	0.00166	0.0639	0.000617	0.000175	0.000104	0.149	0.00000232	0.0000864	0.000931	0.00182	4.5E-18
2118 Apr	0.0967	0.0000116	1.9	3.78	0.075	0.000366	6.81	0.00167	0.0642	0.00062	0.000176	0.000104	0.149	0.00000233	0.0000868	0.000936	0.00183	4.52E-18
2118 May	0.0973	0.0000114	1.89	3.81	0.077	0.000349	6.8	0.00166	0.063	0.000639	0.000178	0.000105	0.15	0.00000228	0.0000851	0.000955	0.00181	4.12E-18
2118 Jun	0.0937	0.0000106	1.81	3.68	0.0761	0.000313	6.49	0.00158	0.0589	0.000636	0.000174	0.000102	0.145	0.00000212	0.0000792	0.000938	0.00171	3.44E-18
2118 Jul	0.0998	0.0000113	1.93	3.92	0.081	0.000333	6.91	0.00168	0.0627	0.000677	0.000186	0.000109	0.154	0.00000226	0.0000843	0.000999	0.00183	3.67E-18
2118 Aug	0.0979	0.0000112	1.9	3.85	0.079	0.000335	6.81	0.00166	0.062	0.000659	0.000181	0.000107	0.151	0.00000225	0.0000835	0.000973	0.0018	3.56E-18
2118 Sep	0.0909	0.0000107	1.78	3.57	0.0719	0.000333	6.39	0.00156	0.059	0.000596	0.000165	0.0000988	0.141	0.00000214	0.0000799	0.000888	0.00169	3.22E-18
2118 Oct	0.0868	0.0000104	1.71	3.41	0.0677	0.000332	6.14	0.00149	0.0573	0.00056	0.000155	0.000094	0.135	0.00000208	0.0000779	0.00084	0.00162	3.02E-18
2118 Nov	0.0857	0.0000103	1.69	3.37	0.0665	0.000333	6.07	0.00148	0.0569	0.000549	0.000152	0.0000927	0.133	0.00000206	0.0000775	0.000825	0.0016	2.96E-18
2118 Dec	0.0857	0.0000103	1.69	3.37	0.0665	0.000333	6.07	0.00148	0.0569	0.000549	0.000152	0.0000927	0.133	0.00000206	0.0000775	0.000825	0.0016	2.96E-18
2119 Jan	0.0857	0.0000103	1.69	3.37	0.0665	0.000334	6.07	0.00148	0.0569	0.000549	0.000152	0.0000927	0.133	0.00000206	0.0000775	0.000825	0.0016	2.96E-18
2119 Feb	0.0858	0.0000103	1.69	3.37	0.0665	0.000334	6.08	0.00148	0.057	0.000549	0.000152	0.0000927	0.133	0.00000206	0.0000776	0.000826	0.0016	2.96E-18
2119 Mar	0.086	0.0000103	1.69	3.38	0.0667	0.000334	6.09	0.00148	0.0571	0.00055	0.000153	0.0000929	0.133	0.00000207	0.0000777	0.000828	0.00161	2.96E-18
2119 Apr	0.087	0.0000104	1.71	3.42	0.0677	0.000337	6.16	0.0015	0.0576	0.000556	0.000154	0.0000938	0.135	0.00000208	0.0000784	0.000838	0.00162	2.98E-18
2119 May	0.0885	0.0000101	1.72	3.49	0.0712	0.000319	6.21	0.0015	0.0563	0.000573	0.000156	0.0000941	0.138	0.00000202	0.0000766	0.000869	0.00159	2.66E-18
2119 Jun	0.0876	0.00000998	1.7	3.46	0.0707	0.00031	6.13	0.00148	0.0556	0.00057	0.000156	0.0000934	0.136	0.000002	0.0000754	0.000865	0.00158	2.55E-18
2119 Jul	0.0925	0.0000106	1.8	3.64	0.0744	0.000327	6.47	0.00157	0.0588	0.0006	0.000166	0.0000985	0.143	0.00000212	0.0000797	0.000912	0.00168	2.67E-18
2119 Aug	0.0943	0.0000109	1.84	3.72	0.0757	0.000338	6.61	0.0016	0.0602	0.00061	0.000169	0.000101	0.146	0.00000217	0.0000816	0.000927	0.00172	2.71E-18
2119 Sep	0.0911	0.0000106	1.78	3.59	0.0725	0.000335	6.42	0.00155	0.0587	0.000583	0.000162	0.0000973	0.142	0.00000213	0.0000798	0.000889	0.00167	2.59E-18
2119 Oct	0.0883	0.0000104	1.73	3.48	0.0697	0.000333	6.24	0.00151	0.0575	0.000559	0.000156	0.0000941	0.137	0.00000208	0.0000783	0.000856	0.00162	2.48E-18
2119 Nov	0.0866	0.0000103	1.7	3.41	0.0678	0.000335	6.14	0.00149	0.0569	0.000543	0.000151	0.0000921	0.135	0.00000206	0.0000777	0.000835	0.00159	2.41E-18
2119 Dec	0.0866	0.0000103	1.7	3.41	0.0677	0.000336	6.14	0.00149	0.057	0.000542	0.000151	0.000092	0.135	0.00000206	0.0000778	0.000834	0.00159	2.41E-18

Appendix D.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	31	0.0122	0.00584	0.000814	5.49	0.018	1.92	0.000814	0.000814	0.00000407	0.00607	0.00276	0.00819	0.0101	0.00000407	8.75	0.0000129	0.000166	0.0000932	0.000526
Operation (2026-2036): Mean	53.1	0.0625	0.0391	0.0016	12.6	0.0303	4.79	0.000974	0.000974	0.00000489	0.00739	0.0191	0.0113	0.0183	0.00000489	15.9	0.0000183	0.000258	0.000199	0.000852
Operation (2026-2036): Max	79.5	0.099	0.148	0.00362	19.8	0.0395	8.17	0.00118	0.00118	0.00000597	0.0088	0.0645	0.0176	0.033	0.00000599	27.3	0.0000244	0.000415	0.000456	0.00123
Active Closure (2037-2043): Min	45.7	0.0354	0.0127	0.000943	10.6	0.0216	3.97	0.000815	0.000815	0.00000408	0.00591	0.00222	0.00827	0.0152	0.00000408	13.6	0.0000161	0.000211	0.000136	0.000812
Active Closure (2037-2043): Mean	72.2	0.0609	0.0217	0.00128	16.2	0.0307	5.81	0.00118	0.00118	0.00000592	0.00838	0.00645	0.0116	0.029	0.00000592	24.1	0.0000228	0.000352	0.000381	0.00112
Active Closure (2037-2043): Max	110	0.104	0.0354	0.00166	26	0.0391	9.23	0.00152	0.00152	0.00000759	0.0108	0.0169	0.0148	0.0471	0.00000759	38.8	0.0000302	0.000544	0.000667	0.00164
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2043)																				
2026 Jan	61.9	0.0657	0.0663	0.00262	15.5	0.0285	5.34	0.000978	0.000978	0.00000493	0.00711	0.0234	0.0109	0.0224	0.00000493	18.9	0.0000188	0.000286	0.00028	0.000907
2026 Feb	62	0.0657	0.0663	0.00262	15.5	0.0285	5.35	0.000978	0.000978	0.00000493	0.00711	0.0234	0.0109	0.0225	0.00000493	19	0.0000188	0.000286	0.00028	0.000907
2026 Mar	62	0.0658	0.0663	0.00262	15.5	0.0285	5.35	0.000979	0.000979	0.00000493	0.00711	0.024	0.0109	0.0225	0.00000493	19	0.0000188	0.000286	0.00028	0.000908
2026 Apr	62.2	0.066	0.0665	0.00263	15.5	0.0286	5.37	0.000982	0.000982	0.00000495	0.00713	0.0266	0.011	0.0225	0.00000495	19	0.0000189	0.000287	0.000281	0.00091
2026 May	62.9	0.0667	0.0673	0.00266	15.7	0.0289	5.43	0.000993	0.000993	0.00000501	0.00722	0.0274	0.0111	0.0228	0.00000501	19.3	0.0000191	0.000291	0.000284	0.000921
2026 Jun	58.8	0.0592	0.0652	0.00252	14.5	0.0274	5.09	0.000974	0.000974	0.00000491	0.00711	0.0238	0.0111	0.0207	0.00000491	17.6	0.0000192	0.00028	0.000253	0.000862
2026 Jul	60.3	0.0602	0.0686	0.00261	14.8	0.0282	5.26	0.001	0.001	0.00000506	0.00734	0.0244	0.0116	0.021	0.00000507	17.9	0.0000199	0.000289	0.000255	0.000883
2026 Aug	61.5	0.0613	0.0695	0.00265	15.1	0.0289	5.36	0.00103	0.00103	0.00000518	0.00749	0.0252	0.0118	0.0215	0.00000518	18.2	0.0000202	0.000294	0.000259	0.000902
2026 Sep	62.4	0.0622	0.0704	0.00269	15.3	0.0294	5.44	0.00104	0.00104	0.00000526	0.0076	0.026	0.012	0.0218	0.00000526	18.5	0.0000205	0.000299	0.000263	0.000916
2026 Oct	61.8	0.0625	0.069	0.00264	15.2	0.0294	5.4	0.00103	0.00103	0.00000521	0.00755	0.0258	0.0119	0.0215	0.00000522	18.3	0.0000202	0.000295	0.000259	0.00091
2026 Nov	61.9	0.0628	0.069	0.00265	15.2	0.0296	5.41	0.00104	0.00104	0.00000523	0.00758	0.0258	0.0119	0.0216	0.00000523	18.4	0.0000203	0.000296	0.00026	0.000913
2026 Dec	62	0.0629	0.069	0.00265	15.2	0.0296	5.41	0.00104	0.00104	0.00000523	0.00759	0.0258	0.0119	0.0216	0.00000523	18.4	0.0000203	0.000296	0.00026	0.000913
2027 Jan	62	0.0629	0.069	0.00265	15.2	0.0296	5.41	0.00104	0.00104	0.00000523	0.00759	0.0257	0.0119	0.0216	0.00000523	18.4	0.0000203	0.000296	0.00026	0.000914
2027 Feb	62	0.0629	0.069	0.00264	15.2	0.0296	5.42	0.00104	0.00104	0.00000523	0.00759	0.0257	0.0119	0.0216	0.00000524	18.4	0.0000203	0.000296	0.00026	0.000914
2027 Mar	62	0.063	0.069	0.00265	15.3	0.0296	5.42	0.00104	0.00104	0.00000524	0.00759	0.0258	0.0119	0.0216	0.00000524	18.4	0.0000203	0.000296	0.00026	0.000914
2027 Apr	62.3	0.0633	0.0693	0.00266	15.3	0.0298	5.45	0.00104	0.00104	0.00000526	0.00763	0.0259	0.012	0.0218	0.00000526	18.5	0.0000204	0.000297	0.000262	0.000919
2027 May	63.3	0.0642	0.0704	0.0027	15.6	0.0302	5.53	0.00106	0.00106	0.00000534	0.00774	0.0273	0.0122	0.0221	0.00000534	18.8	0.0000207	0.000302	0.000266	0.000933
2027 Jun	63.2	0.0628	0.0984	0.0029	16.1	0.0292	6.21	0.00102	0.00102	0.00000517	0.00753	0.0259	0.0135	0.0201	0.00000518	17.3	0.0000207	0.000327	0.000238	0.000889
2027 Jul	67.6	0.0676	0.133	0.00331	17.9	0.0302	7.33	0.00104	0.00104	0.00000526	0.00769	0.025	0.0155	0.0199	0.00000528	17.3	0.0000215	0.00037	0.000234	0.000908
2027 Aug	70.5	0.0705	0.138	0.00345	18.7	0.0316	7.64	0.00108	0.00108	0.00000549	0.00802	0.0266	0.0161	0.0207	0.00000551	18.1	0.0000224	0.000386	0.000244	0.000948
2027 Sep	70.2	0.0707	0.137	0.00342	18.6	0.0317	7.61	0.00108	0.00108	0.00000548	0.00802	0.0268	0.0161	0.0207	0.0000055	18	0.0000223	0.000384	0.000242	0.000947
2027 Oct	69.5	0.0707	0.134	0.00337	18.4	0.0316	7.53	0.00107	0.00107	0.00000544	0.00797	0.0266	0.0159	0.0205	0.00000546	17.9	0.000022	0.000379	0.000239	0.000941
2027 Nov	69.5	0.0708	0.134	0.00336	18.4	0.0316	7.52	0.00107	0.00107	0.00000543	0.00796	0.0265	0.0159	0.0205	0.00000546	17.9	0.000022	0.000379	0.000239	0.000941
2027 Dec	69.4	0.0708	0.134	0.00336	18.4	0.0316	7.52	0.00107	0.00107	0.00000543	0.00796	0.0265	0.0159	0.0205	0.00000545	17.9	0.000022	0.000378	0.000239	0.000941
2028 Jan	69.4	0.0708	0.134	0.00336	18.4	0.0316	7.52	0.00107	0.00107	0.00000543	0.00796	0.0265	0.0159	0.0205	0.00000545	17.9	0.000022	0.000378	0.000239	0.000941
2028 Feb	69.4	0.0708	0.134	0.00336	18.4	0.0316	7.52	0.00107	0.00107	0.00000543	0.00796	0.0265	0.0159	0.0205	0.00000545	17.9	0.000022	0.000378	0.000239	0.000941
2028 Mar	69.5	0.0709	0.134	0.00336	18.4	0.0316	7.52	0.00107	0.00107	0.00000543	0.00796	0.0265	0.0159	0.0205	0.00000545	17.9	0.000022	0.000378	0.000239	0.000941
2028 Apr	69.6	0.071	0.134	0.00337	18.5	0.0317	7.54	0.00107	0.00107	0.00000545	0.00799	0.0265	0.0159	0.0205	0.00000547	17.9	0.0000221	0.000379	0.00024	0.000944
2028 May	70.4	0.0718	0.136	0.0034	18.7	0.0321	7.62	0.00109	0.00109	0.00000551	0.00807	0.0271	0.0161	0.0208	0.00000553	18.1	0.0000223	0.000384	0.000242	0.000954
2028 Jun	68.1	0.0682	0.132	0.00328	17.9	0.031	7.37	0.00106	0.00106	0.00000539	0.00792	0.0264	0.0158	0.0199	0.00000542	17.4	0.000022	0.000374	0.00023	0.000922
2028 Jul	69.1	0.0686	0.137	0.00334	18.2	0.0314	7.54	0.00108	0.00108	0.00000548	0.00806	0.0262	0.0162	0.02	0.00000551	17.5	0.0000225	0.000383	0.00023	0.000932
2028 Aug	74.9	0.0743	0.148	0.00362	19.8	0.0341	8.17	0.00117	0.00117	0.00000595	0.00873	0.0289	0.0176	0.0216	0.00000597	18.9	0.0000244	0.000415	0.000249	0.00101
2028 Sep	74.8	0.0762	0.145	0.00357	19.7	0.0347	8.14	0.00118	0.00118	0.00000597	0.0088	0.0293	0.0175	0.0217	0.00000599	19	0.0000243	0.000411	0.000248	0.00102
2028 Oct	63.6	0.0816	0.0969	0.00264	16.6	0.0355	6.81	0.00106	0.00106	0.00000533	0.00818	0.0204	0.0148	0.0191	0.00000535	17	0.0000202	0.000327	0.0002	0.000948
2028 Nov	63.4	0.0832	0.0938	0.00258	16.6	0.036	6.78	0.00106	0.00106	0.00000535	0.00823	0.0197	0.0148	0.0191	0.00000536	17	0.0000201	0.000324	0.000198	0.000954
2028 Dec	63.4	0.0834	0.0934	0.00258	16.6	0.0361	6.77	0.00106	0.00106	0.00000535	0.00824	0.0196	0.0148	0.0191	0.00000537	17	0.0000201	0.000324	0.000198	0.000955
2029 Jan	63.5	0.0835	0.0932	0.00257	16.6	0.0361	6.78	0.00106	0.00106	0.00000535	0.00824	0.0196	0.0148	0.0192	0.00000536	17.1	0.0000201	0.000324	0.000199	0.000956
2029 Feb	63.6	0.0836	0.0931	0.00257	16.6	0.0361	6.78	0.00106	0.00106	0.00000535	0.00823	0.0196	0.0147	0.0192	0.00000536	17.1	0.0000201	0.000324	0.0002	0.000958
2029 Mar	63.7	0.0837	0.0931	0.00257	16.6	0.0361	6.79	0.00106	0.00106	0.00000535	0.00823	0.0196	0.0147	0.0193	0.00000537	17.2	0.0000201	0.000325	0.000201	0.000959
2029 Apr	63.9	0.0839	0.0933	0.00258	16.7	0.0361	6.81	0.00106	0.00106	0.00000536	0.00825	0.0196	0.0148	0.0194	0.00000538	17.2	0.0000201	0.000326	0.000202	0.000961
2029 May	64.9	0.0852	0.0948	0.00262	17	0.0367	6.92	0.00108	0.00108	0.00000545	0.00838	0.0203	0.015	0.0197	0.00000547	17.5	0.0000205	0.000331	0.000206	0.000978
2029 Jun	56.4	0.0617	0.0672	0.00213	13.6	0.0318	5.41	0.00107	0.00107	0.0000054	0.00823	0.0221	0.0136	0.0172	0.00000541	15.3	0.0000215	0.000294	0.000174	0.00087
2029 Jul	34.2	0.0122	0.00988	0.000988	5.87	0.0194	2.05	0.000928	0.000928	0.00000464	0.00689	0.00276	0.00941	0.0107	0.00000464	9.33	0.0000205	0.000189	0.0000966	0.000573
2029 Aug	36.3	0.0133	0.0104	0.00105	6.3	0.021	2.21	0.000985	0.000985	0.00000493	0.00728	0.00392	0.01	0.0114	0.00000493	9.97	0.0000214	0.0002	0.000102	0.000612
2029 Sep	38.4	0.0194	0.0104	0.00108	6.91	0.0232	2.46	0.00102	0.00102	0.00000509	0.00757	0.00748	0.0105	0.0122	0.00000509	10.7	0.0000217	0.000206	0.000107	0.000654
2029 Oct	39.2	0.033	0.00928	0.00104	7.63	0.0258	2.79	0.000986	0.000986	0.00000493	0.00749	0.00953	0.0103	0.0126	0.00000493	11.1	0.00002	0.000199	0.000108	0.000686
2029 Nov	41.1	0.0614	0.007	0.000952	9.18	0.0315	3.51	0.000925	0.000925	0.00000462	0.00737	0.00564	0.0101	0.0135	0.00000462	12.2	0.0000167	0.000186	0.000109	0.000757
2029 Dec	41.5	0.0632	0.00694	0.000955	9.32	0.032	3.57	0.000928	0.000928	0.00000464	0.00742	0.0055	0.0102	0.0136	0.00000464	12.4	0.0000167	0.000187	0.00011	0.000765
2030 Jan	41.8	0.0636	0.007	0.000955	9.41	0.032	3.6	0.000929	0.000929	0.00000465	0.00742	0.00546	0.0102	0.0138	0.00000465	12.5	0.0000167	0.000188	0.000112	0.000769
2030 Feb	42.1	0.0639	0.0071	0.000956	9.49	0.032	3.62	0.00093	0.00093	0.00000465	0.00742	0.00546	0.0102	0.014	0.00000465	12.6	0.0000167	0.00019	0.000116	0.000773
2030 Mar	42.4	0.0641	0.00717	0.000958	9.56	0.032	3.65	0.000932	0.000932	0.00000466	0.00744	0.00546	0.0102	0.0141	0.00000466	12.7	0.0000167	0.000191	0.000118	0.000777
2030 Apr	42.8	0.0646	0.00725	0.000963	9.65	0.0322	3.68	0.000937	0.000937	0.00000468	0.00747	0.00549	0.0103	0.0143	0.00000468	12.9	0.0000168	0.000193	0.00012	0.000783
2030 May	45.1	0.0679	0.00765	0.00101	10.2	0.0338	3.88	0.000985	0.000985	0.00000492	0.00785	0.0196	0.0108	0.0151	0.00000493	13.6	0.0000177	0.000203	0.000127	0.000824
2030 Jun	38.9	0.0356	0.00709	0.000977	7.61	0.0256	2.78	0.000965	0.000965	0.00000482	0.00742	0.0169	0.0101	0.0126	0.00000482	11.2	0.0000197	0.000196	0.000109	0.000683
2030 Jul	35.8	0.0144	0.00688	0.000984	6.14	0.0213	2.14	0.000982	0.000982	0.00000491	0.00729	0.00808	0.00983	0.0114	0.00000491	9.92	0.0000213	0.000194	0.000101	0.000615
2030 Aug	38.9	0.0161	0.00735	0.00107	6.81	0.0242	2.4	0.00106	0.00106	0.00000532	0.00775	0.0146	0.0106	0.0125	0.00000532	10.9	0.000022	0.000206	0.000109	0.000679
2030 Sep	39.3	0.0172	0.00737	0.00107	6.96	0.0248	2.45	0.00107	0.00107	0.00000535	0.00778	0.022	0.0107	0.0127	0.00000535	11	0.0000219	0.000208	0.000109	0.000687
2030 Oct	38.3	0.022	0.00691	0.00102	7.01	0.0249	2.5	0.00102	0.00102	0.0000051	0.00748	0.0233	0.0103	0.0124	0.0000051	10.8	0.0000205	0.000198	0.000106	0.000674
2030 Nov	38.7	0.0317	0.00651	0.000991	7.5	0.0265	2.73	0.000989	0.000989	0.00000495	0.0074	0.0201	0.0102	0.0126	0.00000495	11.1	0.0000193	0.000193	0.000106	0.000692
2030 Dec	39	0.0333	0.00649	0.000993	7.62	0.0269	2.78	0.000991	0.000991	0.00000496	0.00743	0.0198	0.0102	0.0127	0.00000496	11.2	0.0000193	0.000194	0.000106	0.000699
2031 Jan	39.3	0.0339	0.00657	0.000993	7.72	0.027	2.82	0.000991	0.000991	0.00000496	0.00743	0.0197	0.0102	0.0129	0.00000496	11.4	0.0000193	0.000195	0.00011	0.000704
2031 Feb	39.7	0.0343	0.00669	0.000993	7.84	0.027	2.86	0.000991	0.000991	0.00000496	0.00742	0.0196	0.0102	0.0131	0.00000496	11.5	0.0000193	0.000197	0.000114	0.000708
2031 Mar	40.1	0.0346	0.00679	0.000994	7.92	0.027	2.89	0.000993	0.000993	0.00000496	0.00743	0.0196	0.0102	0.0133	0.00000496	11.7	0.0000193	0.000198	0.000117	0.000712
2031 Apr	41.2	0.0355	0.007	0.00102	8.15	0.0275	2.97	0.00101	0.00101	0.00000507	0.00759	0.0295	0.0104	0.0137	0.00000507	12	0.0000197	0.000204	0.000121	0.00073
2031 May	47.2	0.0403	0.00844	0.0011	9.54	0.0293	3.45	0.00109	0.00109	0.00000547	0.00814	0.0645	0.0112	0.0164	0.00000547	14.2	0.0000214	0.000234	0.000161	0.000818

Appendix D.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Jun	65.5	0.0495	0.0151	0.001	14.6	0.0226	5.05	0.001	0.001	0.00000501	0.00707	0.0265	0.00932	0.0279	0.00000501	22.8	0.0000208	0.00033	0.000391	0.000979
2031 Jul	66.3	0.0492	0.0152	0.00104	14.7	0.0236	5.08	0.00104	0.00104	0.0000052	0.00733	0.0333	0.00968	0.028	0.0000052	23	0.0000214	0.000334	0.00039	0.000999
2031 Aug	63	0.0468	0.0142	0.00101	14	0.0239	4.86	0.00101	0.00101	0.00000504	0.00701	0.0379	0.00948	0.0265	0.00000504	21.8	0.0000199	0.000315	0.000363	0.00096
2031 Sep	55.2	0.0541	0.0112	0.000925	12.6	0.0262	4.48	0.000924	0.000924	0.00000462	0.00665	0.0328	0.00921	0.0224	0.00000462	18.8	0.000017	0.000266	0.000285	0.00088
2031 Oct	48.1	0.072	0.00764	0.000863	11.5	0.0311	4.3	0.000863	0.000863	0.00000431	0.00672	0.019	0.00927	0.0181	0.00000431	15.8	0.0000145	0.000213	0.000195	0.000837
2031 Nov	48.5	0.0756	0.00744	0.000877	11.7	0.0324	4.38	0.000877	0.000877	0.00000438	0.00689	0.0176	0.00949	0.0181	0.00000438	15.8	0.0000146	0.000213	0.00019	0.000852
2031 Dec	48.6	0.0761	0.00742	0.000879	11.7	0.0325	4.39	0.000879	0.000879	0.0000044	0.00692	0.0174	0.00953	0.0181	0.0000044	15.8	0.0000146	0.000213	0.00019	0.000854
2032 Jan	48.7	0.0762	0.00747	0.00088	11.7	0.0325	4.41	0.00088	0.00088	0.0000044	0.00692	0.0174	0.00953	0.0182	0.0000044	15.9	0.0000146	0.000214	0.000191	0.000857
2032 Feb	49	0.0764	0.00754	0.00088	11.8	0.0325	4.43	0.00088	0.00088	0.0000044	0.00692	0.0173	0.00952	0.0183	0.0000044	16	0.0000146	0.000215	0.000193	0.000859
2032 Mar	49.2	0.0765	0.0076	0.000881	11.8	0.0325	4.45	0.000881	0.000881	0.00000441	0.00692	0.0173	0.00953	0.0184	0.00000441	16.1	0.0000146	0.000216	0.000195	0.000862
2032 Apr	49.8	0.0773	0.00771	0.00089	12	0.0328	4.5	0.00089	0.00089	0.00000445	0.00699	0.0175	0.00962	0.0186	0.00000445	16.3	0.0000148	0.000218	0.000198	0.000871
2032 May	52.3	0.0812	0.00811	0.000934	12.6	0.0344	4.73	0.000934	0.000934	0.00000467	0.00733	0.034	0.0101	0.0196	0.00000467	17.1	0.0000155	0.000229	0.000209	0.000915
2032 Jun	40.4	0.0377	0.00709	0.00092	8.23	0.0246	2.98	0.00092	0.00092	0.0000046	0.007	0.0198	0.00949	0.014	0.0000046	12.2	0.0000185	0.000201	0.000139	0.000693
2032 Jul	31	0.0153	0.00584	0.000814	5.49	0.018	1.92	0.000814	0.000814	0.00000407	0.00607	0.00715	0.00819	0.0101	0.00000407	8.75	0.0000176	0.000166	0.0000932	0.000526
2032 Aug	33.7	0.0183	0.00618	0.000875	6.22	0.021	2.19	0.000875	0.000875	0.00000438	0.00639	0.00945	0.00899	0.011	0.00000438	9.66	0.0000176	0.000177	0.0000991	0.000577
2032 Sep	36.6	0.0233	0.00646	0.00093	7.02	0.0241	2.48	0.00093	0.00093	0.00000465	0.00672	0.0155	0.00979	0.012	0.00000465	10.6	0.0000177	0.000188	0.000105	0.000628
2032 Oct	36.8	0.0262	0.00636	0.000926	7.17	0.0247	2.55	0.000926	0.000926	0.00000463	0.00672	0.0186	0.00977	0.0121	0.00000463	10.7	0.0000174	0.000187	0.000105	0.000636
2032 Nov	38.2	0.0343	0.00624	0.000933	7.73	0.0266	2.8	0.000933	0.000933	0.00000467	0.0069	0.017	0.00996	0.0126	0.00000467	11.2	0.0000172	0.000189	0.000107	0.00067
2032 Dec	39.4	0.0451	0.00595	0.000927	8.36	0.0288	3.09	0.000927	0.000927	0.00000463	0.00701	0.0144	0.01	0.013	0.00000463	11.7	0.0000166	0.000187	0.000109	0.000704
2033 Jan	40.2	0.0465	0.00614	0.000928	8.6	0.029	3.18	0.000928	0.000928	0.00000464	0.00702	0.0141	0.01	0.0135	0.00000464	12	0.0000166	0.00019	0.000116	0.000716
2033 Feb	41.1	0.0472	0.0064	0.00093	8.83	0.0289	3.26	0.00093	0.00093	0.00000465	0.00702	0.014	0.01	0.0139	0.00000465	12.4	0.0000166	0.000195	0.000125	0.000726
2033 Mar	41.8	0.0479	0.00659	0.000935	9.01	0.029	3.32	0.000935	0.000935	0.00000467	0.00705	0.0141	0.0101	0.0143	0.00000467	12.7	0.0000167	0.000198	0.00013	0.000735
2033 Apr	43.2	0.0494	0.00687	0.000961	9.34	0.0298	3.44	0.000961	0.000961	0.0000048	0.00724	0.0144	0.0103	0.0149	0.0000048	13.2	0.0000172	0.000205	0.000137	0.000759
2033 May	58.9	0.0572	0.0119	0.00101	13.3	0.028	4.71	0.00101	0.00101	0.00000504	0.00734	0.0254	0.0101	0.0235	0.00000504	19.8	0.0000191	0.000286	0.000297	0.000935
2033 Jun	61.3	0.0483	0.0143	0.000881	13.9	0.0201	4.8	0.000881	0.000881	0.00000441	0.00619	0.0157	0.00819	0.0265	0.00000441	21.7	0.0000182	0.000307	0.000379	0.000904
2033 Jul	67.1	0.0519	0.0155	0.00099	15.1	0.0226	5.23	0.00099	0.00099	0.00000495	0.00695	0.0197	0.00921	0.0288	0.00000495	23.6	0.0000203	0.000337	0.000409	0.000996
2033 Aug	75.2	0.0581	0.0173	0.00112	16.9	0.0258	5.86	0.00112	0.00112	0.00000558	0.00781	0.0277	0.0104	0.0323	0.00000558	26.4	0.0000227	0.000376	0.000456	0.00112
2033 Sep	60.8	0.0634	0.0124	0.000961	14	0.0274	5	0.000961	0.000961	0.0000048	0.00703	0.0238	0.00953	0.025	0.0000048	20.9	0.0000181	0.000291	0.000326	0.000957
2033 Oct	47.1	0.0788	0.00692	0.000842	11.5	0.0322	4.35	0.000842	0.000842	0.00000421	0.00675	0.0106	0.00921	0.0175	0.00000421	15.4	0.0000139	0.000204	0.000181	0.000835
2033 Nov	47.3	0.0821	0.00668	0.000855	11.6	0.0335	4.41	0.000855	0.000855	0.00000427	0.00691	0.00947	0.00943	0.0174	0.00000427	15.4	0.000014	0.000202	0.000174	0.000848
2033 Dec	47.4	0.0824	0.00667	0.000857	11.6	0.0336	4.42	0.000857	0.000857	0.00000428	0.00693	0.00944	0.00946	0.0174	0.00000428	15.4	0.000014	0.000202	0.000174	0.00085
2034 Jan	47.5	0.0825	0.0067	0.000857	11.6	0.0336	4.43	0.000857	0.000857	0.00000428	0.00693	0.00942	0.00946	0.0174	0.00000428	15.4	0.000014	0.000203	0.000175	0.000851
2034 Feb	47.6	0.0825	0.00674	0.000857	11.7	0.0336	4.44	0.000857	0.000857	0.00000429	0.00693	0.00941	0.00946	0.0175	0.00000429	15.5	0.000014	0.000204	0.000177	0.000853
2034 Mar	47.8	0.0827	0.00678	0.000858	11.7	0.0336	4.45	0.000858	0.000858	0.00000429	0.00693	0.00941	0.00947	0.0176	0.00000429	15.5	0.000014	0.000204	0.000178	0.000854
2034 Apr	48.6	0.0839	0.0069	0.000871	11.9	0.0341	4.53	0.000871	0.000871	0.00000436	0.00704	0.00955	0.0096	0.0179	0.00000436	15.8	0.0000143	0.000208	0.000181	0.000868
2034 May	54	0.0872	0.00841	0.000926	13.2	0.0349	4.95	0.000925	0.000925	0.00000463	0.00738	0.0253	0.01	0.0205	0.00000463	17.8	0.0000155	0.000235	0.000223	0.000939
2034 Jun	67.1	0.0719	0.0221	0.00103	16.1	0.0261	5.8	0.000919	0.000919	0.0000046	0.00673	0.0159	0.00925	0.0283	0.0000046	23.4	0.0000177	0.000325	0.000391	0.00102
2034 Jul	67.5	0.0702	0.0268	0.00114	16.2	0.0279	5.92	0.000964	0.000964	0.00000482	0.00693	0.0177	0.00982	0.028	0.00000483	23.2	0.0000179	0.000327	0.000381	0.00104
2034 Aug	79.5	0.0821	0.0315	0.00135	19.1	0.0335	6.97	0.00115	0.00115	0.00000575	0.00819	0.0253	0.0117	0.033	0.00000575	27.3	0.000021	0.000384	0.000445	0.00123
2034 Sep	61.9	0.0832	0.0195	0.0011	15.1	0.0338	5.64	0.00098	0.00098	0.00000491	0.00743	0.0195	0.0105	0.0244	0.00000491	20.7	0.0000168	0.000284	0.000296	0.00102
2034 Oct	48.7	0.0878	0.00967	0.00091	12.1	0.0353	4.68	0.000868	0.000868	0.00000434	0.00705	0.00966	0.00977	0.0177	0.00000434	15.7	0.0000138	0.000206	0.000174	0.000878
2034 Nov	49.3	0.0906	0.00936	0.000926	12.3	0.0364	4.76	0.000887	0.000887	0.00000443	0.00723	0.00904	0.01	0.0178	0.00000444	15.8	0.000014	0.000207	0.000172	0.000895
2034 Dec	49.4	0.0909	0.00935	0.000927	12.3	0.0365	4.77	0.000889	0.000889	0.00000445	0.00725	0.00899	0.01	0.0178	0.00000445	15.9	0.000014	0.000207	0.000172	0.000897
2035 Jan	49.5	0.091	0.00937	0.000928	12.4	0.0365	4.78	0.000889	0.000889	0.00000445	0.00725	0.00897	0.01	0.0179	0.00000445	15.9	0.000014	0.000208	0.000173	0.000898
2035 Feb	49.7	0.0911	0.00942	0.000928	12.4	0.0365	4.79	0.00089	0.00089	0.00000445	0.00725	0.00896	0.01	0.018	0.00000445	16	0.0000141	0.000209	0.000175	0.0009
2035 Mar	49.8	0.0912	0.00946	0.000929	12.5	0.0365	4.81	0.000891	0.000891	0.00000445	0.00726	0.00897	0.01	0.018	0.00000445	16	0.0000141	0.000209	0.000176	0.000902
2035 Apr	50.6	0.0926	0.00963	0.000943	12.7	0.0371	4.88	0.000904	0.000904	0.00000452	0.00736	0.00909	0.0102	0.0183	0.00000452	16.3	0.0000143	0.000213	0.000179	0.000916
2035 May	54.7	0.099	0.0105	0.00101	13.7	0.0395	5.26	0.00097	0.00097	0.00000485	0.00788	0.0211	0.0109	0.0199	0.00000485	17.7	0.0000154	0.000231	0.000198	0.000986
2035 Jun	53.1	0.0536	0.0265	0.00114	12.2	0.0253	4.55	0.000915	0.000915	0.00000459	0.00686	0.015	0.00995	0.0199	0.00000459	16.9	0.0000183	0.000267	0.000245	0.000831
2035 Jul	54.2	0.052	0.0322	0.00125	12.4	0.0258	4.68	0.000956	0.000956	0.00000479	0.00715	0.0159	0.0106	0.0198	0.0000048	16.9	0.0000194	0.000278	0.000241	0.000842
2035 Aug	56.9	0.0547	0.0332	0.00131	13	0.0279	4.91	0.00101	0.00101	0.00000507	0.0075	0.0189	0.0113	0.0208	0.00000507	17.7	0.00002	0.000291	0.00025	0.000887
2035 Sep	47.3	0.0732	0.0172	0.00104	11.6	0.0338	4.46	0.000893	0.000893	0.00000447	0.00692	0.0113	0.0105	0.0164	0.00000448	14.7	0.0000142	0.000214	0.000156	0.000824
2035 Oct	45.6	0.0799	0.015	0.000988	11.3	0.0346	4.43	0.000862	0.000862	0.00000432	0.00691	0.011	0.0102	0.0156	0.00000432	14.1	0.0000136	0.000199	0.00014	0.000817
2035 Nov	43.5	0.0809	0.012	0.000922	10.9	0.0343	4.27	0.00083	0.00083	0.00000415	0.00675	0.00824	0.00979	0.0148	0.00000416	13.5	0.0000129	0.000185	0.000128	0.000795
2035 Dec	43.9	0.0821	0.0118	0.000926	11	0.0347	4.3	0.000837	0.000837	0.00000419	0.00682	0.00802	0.00986	0.0149	0.00000419	13.6	0.000013	0.000186	0.000129	0.000803
2036 Jan	44.2	0.0824	0.0118	0.000927	11.1	0.0347	4.33	0.000839	0.000839	0.0000042	0.00683	0.00797	0.00987	0.0151	0.0000042	13.7	0.000013	0.000187	0.000131	0.000807
2036 Feb	44.5	0.0826	0.0119	0.000927	11.2	0.0346	4.36	0.000839	0.000839	0.0000042	0.00682	0.00795	0.00985	0.0153	0.0000042	13.9	0.0000131	0.000189	0.000136	0.000811
2036 Mar	44.8	0.0827	0.012	0.000927	11.2	0.0346	4.38	0.00084	0.00084	0.0000042	0.00682	0.00794	0.00985	0.0155	0.0000042	14	0.0000131	0.000191	0.000138	0.000814
2036 Apr	45.9	0.0845	0.0123	0.000946	11.5	0.0353	4.49	0.000857	0.000857	0.00000429	0.00696	0.017	0.01	0.0159	0.00000429	14.3	0.0000134	0.000196	0.000143	0.000833
2036 May	50.1	0.092	0.0134	0.00103	12.5	0.0384	4.89	0.000934	0.000934	0.00000467	0.00758	0.0433	0.0109	0.0174	0.00000467	15.7	0.0000146	0.000214	0.000157	0.000908
2036 Jun	43.7	0.0477	0.0218	0.00112	9.66	0.0268	3.7	0.000919	0.000919	0.0000046	0.00707	0.0212	0.0103	0.0145	0.00000461	12.8	0.000018	0.00022	0.000144	0.000731
2036 Jul	44.9	0.0361	0.0287	0.00127	9.54	0.0255	3.66	0.000983	0.000983	0.00000493	0.00733	0.0163	0.011	0.0147	0.00000493	12.8	0.00002	0.000237	0.000149	0.000733
2036 Aug	51.7	0.0413	0.0326	0.00146	11	0.0299	4.22	0.00114	0.00114	0.0000057	0.00841	0.0232	0.0126	0.017	0.0000057	14.7	0.0000227	0.000271	0.000171	0.00085
2036 Sep	48.3	0.0418	0.0288	0.00133	10.4	0.0289	3.99	0.00106	0.00106	0.00000529	0.00783	0.0271	0.0118	0.0158	0.00000529	13.8	0.0000206	0.000249	0.000157	0.0008
2036 Oct	45.4	0.0573	0.0204	0.00115	10.3	0.031	3.99	0.000962	0.000962	0.00000482	0.00742	0.0207	0.0109	0.015	0.00000482	13.3	0.0000176	0.000218	0.000138	0.00079
2036 Nov	45.2	0.0626	0.0183	0.00111	10.4	0.032	4.05	0.000949	0.000949	0.00000475	0.00741	0.0181	0.0108	0.015	0.00000476	13.4	0.000017	0.000212	0.000135	0.000799
2036 Dec	45.3	0.0659	0.0171	0.00109	10.5	0.0327	4.1	0.000945	0.000945	0.00000473	0.00743	0.0167	0.0107	0.015	0.00000473	13.5	0.0000167	0.000209	0.000133	0.000807
2037 Jan	45.7	0.0665	0.0171	0.00109	10.6	0.0328	4.14	0.000946	0.000946	0.00000474	0.00744	0.0165	0.0107	0.0152	0.00000474	13.6	0.0000167	0.000211	0.000136	0.000812
2037 Feb	46.1	0.0668	0.0172	0.00109	10.8	0.0328	4.17	0.000947	0.000947	0.00000474	0.00744	0.0165	0.0107	0.0155	0.00000474	13.8	0.0000167	0.000213	0.000141	0.000817
2037 Mar	46.7	0.0674	0.0174	0.0011	10.9	0.033	4.22	0.000954	0.000954	0.00000477	0.00749	0.0166	0.0108	0.0157	0.00000478	14	0.0000169	0.000216	0.000144	0.000825
2037 Apr	47.7	0.0688	0.0177	0.00112	11.1	0.0336	4.32	0.000972	0.000972	0.00000487	0.00763	0.0169	0.011	0.0161	0.00000487	14.4	0.0000172	0.000221	0.000149	0.000843
2037 May	57.5	0.0705	0.0192	0.00112	13.5	0.0317	5.02	0.001	0.001	0.00000501	0.00762	0.0142	0.0107	0.0217	0.00000502	18.6	0.0000184	0.000273	0.000254	0.000946
2037 Jun	55.8	0.0538	0.0213	0.000943	13.1	0.0216	4.73	0.000815	0.000815	0.00000408	0.00591	0.0081	0.00827	0.023	0.00000408	19.1	0.0000161	0.000277	0.000316	0.000841
2037 Jul	63.7	0.0609	0.0249	0.00109	14.9	0.0249	5.39	0.000941	0.000941	0.00000471	0.00682	0.00929	0.00958	0.0262	0.00000472	21.7	0.0000187	0.000316	0.000357	0.000962
2037 Aug	74	0.0707	0.0288	0.00127	17.3	0.0291	6.26	0.00109	0.00109	0.00000548	0.00793	0.0108	0.0112	0.0304	0.00000549	25.2	0.0000216	0.000367	0.000414	0.00112
2037 Sep	80.5	0.0773	0.0312	0.00139	18.8	0.0319	6.82	0.00119	0.00119	0.00000598	0.00865	0.0117	0.0122	0.033	0.00000598	27.4	0.0000235	0.000399	0.000449	0.00122
2037 Oct	75.3	0.0748	0.0286	0.0013	17.7	0.0308	6.41	0.00113	0.00113	0.00000564	0.0082	0.0107	0.0115	0.0308	0.00000564	25.6	0.000022	0.000371	0.000414	0.00115

Appendix D.2-4: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Nov	75.1	0.0757	0.0283	0.0013	17.7	0.0311	6.41	0.00113	0.00113	0.00000565	0.00824	0.0105	0.0116	0.0306	0.00000565	25.5	0.000022	0.000369	0.000411	0.00115
2037 Dec	75.2	0.0759	0.0283	0.0013	17.7	0.0312	6.42	0.00113	0.00113	0.00000566	0.00826	0.0105	0.0116	0.0307	0.00000566	25.6	0.000022	0.00037	0.000411	0.00115
2038 Jan	75.3	0.076	0.0283	0.0013	17.7	0.0312	6.42	0.00113	0.00113	0.00000566	0.00826	0.0105	0.0116	0.0307	0.00000566	25.6	0.000022	0.00037	0.000411	0.00115
2038 Feb	75.3	0.076	0.0283	0.0013	17.7	0.0312	6.43	0.00113	0.00113	0.00000566	0.00826	0.0105	0.0116	0.0307	0.00000566	25.6	0.000022	0.00037	0.000412	0.00115
2038 Mar	75.4	0.0761	0.0284	0.0013	17.7	0.0313	6.44	0.00113	0.00113	0.00000566	0.00826	0.0105	0.0116	0.0307	0.00000566	25.6	0.000022	0.000371	0.000412	0.00115
2038 Apr	76.2	0.0769	0.0287	0.00132	17.9	0.0316	6.51	0.00114	0.00114	0.00000572	0.00835	0.0106	0.0117	0.0311	0.00000573	25.9	0.0000222	0.000375	0.000417	0.00117
2038 May	81.1	0.0806	0.0298	0.00137	19.1	0.0326	6.9	0.0012	0.0012	0.00000598	0.0087	0.0107	0.0122	0.0334	0.00000599	27.7	0.0000234	0.000399	0.000453	0.00123
2038 Jun	74.6	0.0678	0.0244	0.00111	17.5	0.0254	6.21	0.00101	0.00101	0.00000506	0.00719	0.00687	0.0098	0.032	0.00000507	26.3	0.0000203	0.000369	0.000457	0.0011
2038 Jul	90.2	0.0819	0.0294	0.00135	21.2	0.0308	7.51	0.00123	0.00123	0.00000614	0.00872	0.0083	0.0119	0.0387	0.00000614	31.8	0.0000246	0.000447	0.000553	0.00133
2038 Aug	107	0.0976	0.0351	0.00161	25.2	0.0367	8.94	0.00146	0.00146	0.00000732	0.0104	0.00989	0.0142	0.0461	0.00000732	37.9	0.0000293	0.000532	0.000658	0.00159
2038 Sep	108	0.0987	0.035	0.00162	25.3	0.0372	8.98	0.00147	0.00147	0.00000736	0.0105	0.00987	0.0143	0.0462	0.00000737	38	0.0000294	0.000533	0.000658	0.0016
2038 Oct	103	0.0964	0.0332	0.00156	24.3	0.0364	8.62	0.00142	0.00142	0.00000709	0.0101	0.00934	0.0138	0.0441	0.00000709	36.3	0.0000282	0.000509	0.000624	0.00153
2038 Nov	104	0.0972	0.0333	0.00156	24.4	0.0367	8.67	0.00143	0.00143	0.00000713	0.0102	0.00937	0.0139	0.0443	0.00000714	36.4	0.0000284	0.000511	0.000627	0.00154
2038 Dec	104	0.0973	0.0333	0.00157	24.4	0.0367	8.67	0.00143	0.00143	0.00000714	0.0102	0.00937	0.0139	0.0443	0.00000714	36.5	0.0000284	0.000511	0.000627	0.00154
2039 Jan	104	0.0973	0.0333	0.00156	24.4	0.0367	8.67	0.00143	0.00143	0.00000714	0.0102	0.00937	0.0139	0.0443	0.00000714	36.5	0.0000284	0.000511	0.000627	0.00154
2039 Feb	104	0.0973	0.0333	0.00156	24.4	0.0367	8.68	0.00143	0.00143	0.00000714	0.0102	0.00936	0.0139	0.0443	0.00000714	36.5	0.0000284	0.000511	0.000627	0.00154
2039 Mar	104	0.0976	0.0334	0.00157	24.5	0.0368	8.7	0.00143	0.00143	0.00000715	0.0102	0.00938	0.0139	0.0444	0.00000716	36.6	0.0000284	0.000513	0.000629	0.00155
2039 Apr	105	0.0985	0.0337	0.00158	24.7	0.0372	8.78	0.00144	0.00144	0.00000722	0.0103	0.00947	0.0141	0.0449	0.00000723	36.9	0.0000287	0.000518	0.000635	0.00156
2039 May	110	0.104	0.0354	0.00166	26	0.0391	9.23	0.00152	0.00152	0.00000759	0.0108	0.00995	0.0148	0.0471	0.00000759	38.8	0.0000302	0.000544	0.000667	0.00164
2039 Jun	81.8	0.0711	0.0252	0.00135	18.6	0.0307	6.61	0.00125	0.00125	0.00000624	0.00899	0.00681	0.0122	0.034	0.00000625	28.1	0.0000254	0.000409	0.000467	0.00123
2039 Jul	66.2	0.0538	0.0196	0.00116	14.8	0.027	5.25	0.00109	0.00109	0.00000545	0.00777	0.00516	0.0106	0.027	0.00000545	22.4	0.0000217	0.00033	0.00036	0.00102
2039 Aug	67	0.0531	0.0195	0.00121	15	0.0292	5.34	0.00114	0.00114	0.00000568	0.00793	0.00511	0.0109	0.0273	0.00000568	22.6	0.0000216	0.000329	0.000358	0.00106
2039 Sep	69.8	0.0556	0.0203	0.00126	15.6	0.0305	5.57	0.00119	0.00119	0.00000593	0.00827	0.00532	0.0114	0.0285	0.00000593	23.6	0.0000225	0.000343	0.000373	0.00111
2039 Oct	69.1	0.0554	0.02	0.00125	15.4	0.0303	5.52	0.00117	0.00117	0.00000587	0.0082	0.00525	0.0113	0.0282	0.00000587	23.3	0.0000222	0.000339	0.000368	0.0011
2039 Nov	69.5	0.0558	0.0201	0.00125	15.5	0.0305	5.55	0.00118	0.00118	0.0000059	0.00825	0.00527	0.0113	0.0283	0.00000591	23.4	0.0000223	0.000341	0.00037	0.0011
2039 Dec	69.5	0.0559	0.0201	0.00125	15.6	0.0306	5.55	0.00118	0.00118	0.00000591	0.00826	0.00528	0.0114	0.0284	0.00000591	23.5	0.0000224	0.000342	0.00037	0.0011
2040 Jan	69.6	0.0559	0.0201	0.00125	15.6	0.0306	5.56	0.00118	0.00118	0.00000591	0.00826	0.00528	0.0114	0.0284	0.00000591	23.5	0.0000224	0.000342	0.00037	0.0011
2040 Feb	69.6	0.056	0.0201	0.00125	15.6	0.0306	5.56	0.00118	0.00118	0.00000591	0.00826	0.00528	0.0114	0.0284	0.00000591	23.5	0.0000224	0.000342	0.000371	0.0011
2040 Mar	69.7	0.0561	0.0201	0.00126	15.6	0.0306	5.57	0.00118	0.00118	0.00000592	0.00827	0.00529	0.0114	0.0284	0.00000592	23.5	0.0000224	0.000342	0.000371	0.00111
2040 Apr	70.2	0.0564	0.0203	0.00126	15.7	0.0308	5.6	0.00119	0.00119	0.00000596	0.00833	0.00532	0.0115	0.0286	0.00000596	23.7	0.0000225	0.000345	0.000374	0.00111
2040 May	72.6	0.0583	0.021	0.0013	16.2	0.0317	5.8	0.00123	0.00123	0.00000614	0.00858	0.00546	0.0118	0.0297	0.00000614	24.5	0.0000233	0.000356	0.000388	0.00115
2040 Jun	67.1	0.0528	0.0189	0.00115	15.1	0.0275	5.33	0.0011	0.0011	0.00000549	0.00765	0.00445	0.0104	0.0278	0.00000549	22.9	0.0000212	0.000332	0.000373	0.00105
2040 Jul	70.9	0.0556	0.0199	0.00122	15.9	0.0291	5.62	0.00116	0.00116	0.00000581	0.00811	0.00469	0.0111	0.0293	0.00000582	24.2	0.0000225	0.00035	0.000393	0.00111
2040 Aug	75.6	0.0593	0.0212	0.00131	16.9	0.0311	6	0.00124	0.00124	0.00000621	0.00865	0.005	0.0118	0.0313	0.00000621	25.8	0.0000239	0.000374	0.000419	0.00118
2040 Sep	76.6	0.0604	0.0215	0.00132	17.2	0.0316	6.09	0.00126	0.00126	0.0000063	0.00878	0.00505	0.012	0.0317	0.0000063	26.1	0.0000242	0.000378	0.000424	0.0012
2040 Oct	77.5	0.0612	0.0217	0.00134	17.4	0.032	6.16	0.00127	0.00127	0.00000637	0.00889	0.0051	0.0121	0.032	0.00000637	26.4	0.0000245	0.000383	0.000428	0.00121
2040 Nov	78	0.0617	0.0218	0.00135	17.5	0.0323	6.2	0.00128	0.00128	0.00000641	0.00895	0.00513	0.0122	0.0322	0.00000641	26.6	0.0000247	0.000385	0.000431	0.00122
2040 Dec	78	0.0617	0.0218	0.00135	17.5	0.0323	6.2	0.00128	0.00128	0.00000641	0.00895	0.00514	0.0122	0.0323	0.00000642	26.6	0.0000247	0.000385	0.000431	0.00122
2041 Jan	78.1	0.0617	0.0218	0.00135	17.5	0.0323	6.2	0.00128	0.00128	0.00000642	0.00895	0.00514	0.0122	0.0323	0.00000642	26.6	0.0000247	0.000385	0.000431	0.00122
2041 Feb	78.1	0.0617	0.0219	0.00135	17.5	0.0323	6.2	0.00128	0.00128	0.00000642	0.00895	0.00514	0.0122	0.0323	0.00000642	26.6	0.0000247	0.000385	0.000431	0.00122
2041 Mar	78.2	0.0618	0.0219	0.00135	17.5	0.0323	6.21	0.00128	0.00128	0.00000642	0.00897	0.00514	0.0122	0.0323	0.00000643	26.7	0.0000247	0.000386	0.000432	0.00122
2041 Apr	78.6	0.0621	0.022	0.00136	17.6	0.0325	6.24	0.00129	0.00129	0.00000645	0.00901	0.00517	0.0123	0.0325	0.00000646	26.8	0.0000248	0.000388	0.000434	0.00123
2041 May	80.3	0.0635	0.0225	0.00139	18	0.0332	6.38	0.00132	0.00132	0.0000066	0.0092	0.00528	0.0126	0.0332	0.0000066	27.4	0.0000254	0.000396	0.000443	0.00125
2041 Jun	71.4	0.0544	0.0196	0.00128	15.8	0.0301	5.58	0.00122	0.00122	0.00000609	0.00855	0.00453	0.0117	0.0291	0.00000609	24.1	0.0000238	0.000355	0.000384	0.00112
2041 Jul	63	0.0468	0.0171	0.00115	13.8	0.0269	4.87	0.0011	0.0011	0.00000552	0.00777	0.00389	0.0106	0.0255	0.00000552	21.1	0.0000218	0.000315	0.000332	0.000991
2041 Aug	68.3	0.0507	0.0186	0.00125	14.9	0.0292	5.28	0.0012	0.0012	0.00000598	0.00843	0.00422	0.0115	0.0276	0.00000599	22.9	0.0000236	0.000341	0.00036	0.00107
2041 Sep	69.8	0.0519	0.019	0.00128	15.3	0.0299	5.4	0.00122	0.00122	0.00000612	0.00862	0.00431	0.0117	0.0282	0.00000612	23.4	0.0000241	0.000349	0.000367	0.0011
2041 Oct	69.4	0.0519	0.0188	0.00127	15.2	0.0298	5.37	0.00122	0.00122	0.00000608	0.00858	0.00428	0.0117	0.028	0.00000608	23.2	0.0000239	0.000347	0.000365	0.00109
2041 Nov	69.9	0.0523	0.0189	0.00128	15.3	0.03	5.41	0.00122	0.00122	0.00000612	0.00863	0.0043	0.0118	0.0282	0.00000612	23.4	0.0000241	0.000349	0.000367	0.0011
2041 Dec	69.9	0.0524	0.019	0.00128	15.3	0.0301	5.41	0.00123	0.00123	0.00000613	0.00864	0.00431	0.0118	0.0282	0.00000613	23.4	0.0000241	0.000349	0.000367	0.0011
2042 Jan	70	0.0524	0.019	0.00128	15.3	0.0301	5.41	0.00123	0.00123	0.00000613	0.00864	0.00431	0.0118	0.0283	0.00000613	23.4	0.0000241	0.000349	0.000368	0.0011
2042 Feb	70	0.0525	0.019	0.00128	15.3	0.0301	5.42	0.00123	0.00123	0.00000613	0.00864	0.00431	0.0118	0.0283	0.00000613	23.4	0.0000241	0.000349	0.000368	0.0011
2042 Mar	70.1	0.0525	0.019	0.00128	15.3	0.0301	5.42	0.00123	0.00123	0.00000613	0.00865	0.00431	0.0118	0.0283	0.00000614	23.4	0.0000241	0.00035	0.000369	0.0011
2042 Apr	70.8	0.0531	0.0192	0.00129	15.5	0.0304	5.48	0.00124	0.00124	0.00000619	0.00873	0.00435	0.0119	0.0286	0.0000062	23.7	0.0000244	0.000353	0.000372	0.00111
2042 May	73.4	0.055	0.0199	0.00134	16.1	0.0315	5.68	0.00128	0.00128	0.00000642	0.00905	0.00451	0.0123	0.0297	0.00000642	24.6	0.0000253	0.000366	0.000386	0.00116
2042 Jun	62.5	0.0429	0.0163	0.00122	13.2	0.0279	4.66	0.00118	0.00118	0.00000591	0.00842	0.00352	0.0114	0.0245	0.00000591	20.4	0.0000239	0.000317	0.000309	0.000993
2042 Jul	56.4	0.0362	0.0143	0.00115	11.7	0.0263	4.12	0.00112	0.00112	0.00000561	0.00799	0.00299	0.0109	0.0217	0.00000561	18.1	0.0000227	0.000287	0.000266	0.000908
2042 Aug	54.3	0.0354	0.0134	0.00113	11.4	0.0272	4.02	0.0011	0.0011	0.00000548	0.00767	0.00279	0.0107	0.0208	0.00000548	17.5	0.0000209	0.000273	0.000248	0.000887
2042 Sep	53.6	0.036	0.013	0.00111	11.3	0.0277	4	0.00108	0.00108	0.00000542	0.00755	0.00271	0.0107	0.0205	0.00000542	17.2	0.0000202	0.000268	0.000241	0.000877
2042 Oct	53	0.0368	0.0127	0.0011	11.2	0.0277	3.97	0.00107	0.00107	0.00000536	0.00748	0.00265	0.0106	0.0202	0.00000536	17	0.0000199	0.000264	0.000237	0.000869
2042 Nov	53.2	0.0373	0.0127	0.0011	11.2	0.0279	3.99	0.00108	0.00108	0.00000538	0.00752	0.00265	0.0107	0.0203	0.00000538	17.1	0.00002	0.000265	0.000237	0.000873
2042 Dec	53.2	0.0374	0.0127	0.0011	11.3	0.0279	3.99	0.00108	0.00108	0.00000538	0.00752	0.00265	0.0107	0.0203	0.00000538	17.1	0.00002	0.000265	0.000237	0.000874
2043 Jan	53.2	0.0375	0.0127	0.0011	11.3	0.0279	4	0.00108	0.00108	0.00000538	0.00752	0.00265	0.0107	0.0203	0.00000538	17.1	0.00002	0.000265	0.000237	0.000874
2043 Feb	53.2	0.0375	0.0127	0.0011	11.3	0.0279	4	0.00108	0.00108	0.00000538	0.00752	0.00265	0.0107	0.0203	0.00000538	17.1	0.00002	0.000265	0.000237	0.000874
2043 Mar	53.3	0.0375	0.0128	0.0011	11.3	0.0279	4	0.00108	0.00108	0.00000538	0.00752	0.00265	0.0107	0.0203	0.00000538	17.1	0.00002	0.000265	0.000238	0.000874
2043 Apr	53.6	0.0377	0.0128	0.00111	11.3	0.0281	4.02	0.00108	0.00108	0.00000541	0.00757	0.00267	0.0108	0.0204	0.00000541	17.2	0.0000201	0.000267	0.000239	0.00088
2043 May	55.1	0.0389	0.0132	0.00113	11.7	0.0286	4.15	0.00111	0.00111	0.00000553	0.00773	0.00272	0.011	0.0211	0.00000553	17.7	0.0000206	0.000275	0.000248	0.000903
2043 Jun	56.9	0.0399	0.0137	0.00108	12.2	0.0261	4.3	0.00105	0.00105	0.00000527	0.00735	0.00241	0.0103	0.0226	0.00000527	18.8	0.0000202	0.000285	0.000284	0.000903
2043 Jul	59.3	0.0412	0.0142	0.00113	12.7	0.0274	4.48	0.0011	0.0011	0.00000552	0.00768	0.0025	0.0107	0.0235	0.00000552	19.6	0.000021	0.000296	0.000295	0.000944
2043 Aug	69.7	0.0396	0.0181	0.00128	13.9	0.0289	5.21	0.00113	0.00113	0.00000568	0.00739	0.00233	0.0111	0.0224	0.00000568	18.8	0.00002	0.000282	0.00028	0.000968
2043 Sep	70.9	0.0396	0.0186	0.0013	14	0.0292	5.3	0.00114	0.00114	0.00000571	0.00737	0.0023	0.0112	0.0223	0.00000571	18.7	0.0000198	0.00028	0.000278	0.000972
2043 Oct	70.3	0.0411	0.0183	0.00129	14	0.0295	5.28	0.00113	0.00113	0.00000567	0.00735	0.00226	0.0112	0.0221	0.00000567	18.6	0.0000196	0.000277	0.000273	0.000968
2043 Nov	69.7	0.0425	0.0179	0.00128	13.9	0.0297	5.27	0.00112	0.00112	0.00000563	0.00734	0.00222	0.0111	0.0219	0.00000563	18.4	0.0000194	0.000274	0.000268	0.000964
2043 Dec	69.7	0.0426	0.0179	0.00128	13.9	0.0297	5.27	0.00112	0.00112	0.00000563	0.00735	0.00222	0.0111	0.0219	0.00000563	18.4	0.0000194	0.000274	0.000268	0.000965

Appendix D.2-4: B5

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0355	0.00000814	0.749	1.06	0.0113	0.000106	2.25	0.000827	0.0376	0.0000535	0.0000444	0.0000364	0.0435	0.00000163	0.0000433	0.000233	0.00103	3.68E-12
Operation (2026-2036): Mean	0.0561	0.00000981	1.2	2.03	0.0291	0.00031	4.96	0.00119	0.0496	0.000204	0.000144	0.0000569	0.0847	0.00000222	0.0000764	0.00049	0.00161	0.00000409
Operation (2026-2036): Max	0.093	0.0000121	1.84	3.64	0.0751	0.000494	8.93	0.00181	0.0629	0.000629	0.000235	0.000102	0.143	0.00000321	0.000123	0.001	0.00216	0.0000162
Active Closure (2037-2043): Min	0.0456	0.00000818	1.04	1.65	0.016	0.000191	3.91	0.00103	0.0442	0.0000903	0.000105	0.0000441	0.067	0.00000164	0.0000621	0.00034	0.00139	2.93E-08
Active Closure (2037-2043): Mean	0.0849	0.0000118	1.68	3.17	0.0608	0.000277	5.99	0.00158	0.0611	0.000498	0.000214	0.0000915	0.125	0.00000238	0.000081	0.000863	0.00206	0.000000132
Active Closure (2037-2043): Max	0.133	0.0000152	2.56	5.2	0.109	0.000404	9.36	0.0023	0.0835	0.000906	0.00028	0.000145	0.204	0.00000305	0.000115	0.00139	0.0026	0.000000296
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2043)																		
2026 Jan	0.0744	0.00000978	1.41	2.48	0.0461	0.000266	6.5	0.00128	0.0476	0.000344	0.000162	0.0000698	0.113	0.000003	0.0000777	0.000639	0.00167	0.000016
2026 Feb	0.0744	0.00000978	1.41	2.48	0.0461	0.000266	6.5	0.00128	0.0476	0.000345	0.000162	0.0000698	0.113	0.000003	0.0000777	0.000639	0.00167	0.000016
2026 Mar	0.0744	0.00000979	1.41	2.48	0.0462	0.000266	6.51	0.00129	0.0476	0.000345	0.000163	0.0000699	0.114	0.000003	0.0000778	0.00064	0.00167	0.000016
2026 Apr	0.0747	0.00000982	1.41	2.49	0.0463	0.000267	6.53	0.00129	0.0478	0.000346	0.000163	0.0000701	0.114	0.00000301	0.000078	0.000642	0.00168	0.0000161
2026 May	0.0756	0.00000993	1.43	2.52	0.0469	0.00027	6.61	0.00131	0.0483	0.00035	0.000165	0.0000709	0.115	0.00000305	0.0000789	0.000649	0.0017	0.0000162
2026 Jun	0.0684	0.00000976	1.34	2.3	0.0416	0.000247	6.13	0.00126	0.0472	0.000307	0.000171	0.000066	0.105	0.00000289	0.0000765	0.000614	0.00172	0.0000144
2026 Jul	0.0694	0.0000101	1.37	2.35	0.042	0.000252	6.31	0.00131	0.0487	0.000309	0.000179	0.0000675	0.107	0.00000297	0.0000795	0.000628	0.00178	0.0000147
2026 Aug	0.0707	0.0000103	1.4	2.39	0.0427	0.000259	6.42	0.00133	0.0497	0.000314	0.000181	0.0000689	0.109	0.00000303	0.000081	0.000637	0.00182	0.0000149
2026 Sep	0.0717	0.0000105	1.42	2.43	0.0433	0.000263	6.52	0.00135	0.0505	0.000318	0.000184	0.0000699	0.11	0.00000308	0.0000822	0.000645	0.00184	0.0000151
2026 Oct	0.0708	0.0000104	1.4	2.4	0.0425	0.000266	6.44	0.00134	0.0502	0.000311	0.00018	0.0000689	0.109	0.00000304	0.0000817	0.000634	0.00182	0.0000148
2026 Nov	0.071	0.0000104	1.41	2.41	0.0425	0.000268	6.45	0.00134	0.0504	0.000311	0.00018	0.0000691	0.109	0.00000304	0.000082	0.000635	0.00182	0.0000148
2026 Dec	0.071	0.0000104	1.41	2.41	0.0425	0.000268	6.45	0.00134	0.0504	0.000311	0.00018	0.0000691	0.109	0.00000304	0.000082	0.000635	0.00182	0.0000148
2027 Jan	0.071	0.0000104	1.41	2.41	0.0425	0.000268	6.45	0.00134	0.0504	0.000311	0.00018	0.0000691	0.109	0.00000304	0.000082	0.000635	0.00182	0.0000148
2027 Feb	0.071	0.0000104	1.41	2.41	0.0425	0.000268	6.45	0.00134	0.0505	0.000311	0.00018	0.0000691	0.109	0.00000304	0.000082	0.000635	0.00182	0.0000148
2027 Mar	0.0711	0.0000104	1.41	2.41	0.0426	0.000268	6.46	0.00134	0.0505	0.000312	0.00018	0.0000692	0.11	0.00000305	0.0000821	0.000636	0.00182	0.0000148
2027 Apr	0.0714	0.0000105	1.42	2.42	0.0428	0.000269	6.49	0.00135	0.0507	0.000313	0.000181	0.0000695	0.11	0.00000306	0.0000825	0.000639	0.00183	0.0000148
2027 May	0.0725	0.0000106	1.44	2.46	0.0435	0.000273	6.59	0.00137	0.0515	0.000318	0.000184	0.0000706	0.112	0.00000311	0.0000837	0.000649	0.00186	0.0000151
2027 Jun	0.0659	0.0000104	1.39	2.37	0.0392	0.000271	7.07	0.00145	0.0494	0.00028	0.000193	0.0000685	0.105	0.00000291	0.0000937	0.000615	0.00185	0.0000131
2027 Jul	0.0646	0.0000107	1.44	2.47	0.0387	0.000292	8.08	0.00161	0.0501	0.00027	0.000206	0.0000714	0.107	0.00000292	0.000109	0.00062	0.0019	0.0000127
2027 Aug	0.0674	0.0000112	1.51	2.58	0.0404	0.000305	8.42	0.00168	0.0523	0.000282	0.000215	0.0000745	0.111	0.00000305	0.000114	0.000647	0.00199	0.0000132
2027 Sep	0.0671	0.0000111	1.5	2.57	0.04	0.000307	8.37	0.00167	0.0522	0.000278	0.000213	0.000074	0.111	0.00000304	0.000113	0.000641	0.00197	0.0000131
2027 Oct	0.0664	0.000011	1.49	2.54	0.0394	0.000308	8.27	0.00165	0.0519	0.000274	0.000209	0.0000732	0.11	0.000003	0.000112	0.000632	0.00195	0.0000128
2027 Nov	0.0663	0.000011	1.48	2.54	0.0393	0.000308	8.25	0.00165	0.0519	0.000273	0.000209	0.0000731	0.109	0.000003	0.000112	0.00063	0.00195	0.0000128
2027 Dec	0.0663	0.000011	1.48	2.54	0.0392	0.000309	8.25	0.00165	0.0519	0.000273	0.000209	0.000073	0.109	0.000003	0.000112	0.00063	0.00195	0.0000128
2028 Jan	0.0663	0.000011	1.48	2.54	0.0393	0.000309	8.25	0.00165	0.0519	0.000273	0.000208	0.000073	0.109	0.000003	0.000112	0.00063	0.00195	0.0000128
2028 Feb	0.0663	0.000011	1.48	2.54	0.0393	0.000309	8.25	0.00165	0.0519	0.000273	0.000209	0.000073	0.109	0.000003	0.000112	0.00063	0.00195	0.0000128
2028 Mar	0.0663	0.000011	1.48	2.54	0.0393	0.000309	8.25	0.00165	0.0519	0.000273	0.000209	0.000073	0.109	0.000003	0.000112	0.00063	0.00195	0.0000128
2028 Apr	0.0665	0.0000111	1.49	2.55	0.0394	0.00031	8.27	0.00166	0.0521	0.000274	0.000209	0.0000732	0.11	0.00000301	0.000112	0.000632	0.00195	0.0000128
2028 May	0.0673	0.0000112	1.51	2.58	0.0399	0.000313	8.36	0.00167	0.0527	0.000277	0.000211	0.000074	0.111	0.00000304	0.000114	0.000639	0.00197	0.0000129
2028 Jun	0.0646	0.000011	1.45	2.47	0.0379	0.0003	8.07	0.00163	0.0514	0.000262	0.00021	0.0000716	0.106	0.00000293	0.000111	0.000622	0.00195	0.000012
2028 Jul	0.0649	0.0000112	1.47	2.5	0.0378	0.000303	8.24	0.00167	0.0522	0.000261	0.000217	0.0000725	0.107	0.00000296	0.000113	0.000629	0.002	0.0000118
2028 Aug	0.0704	0.0000121	1.6	2.71	0.041	0.000329	8.93	0.00181	0.0565	0.000282	0.000235	0.0000786	0.116	0.00000321	0.000123	0.000682	0.00216	0.0000128
2028 Sep	0.0702	0.0000121	1.59	2.7	0.0403	0.00034	8.85	0.0018	0.0571	0.000276	0.00023	0.000078	0.115	0.00000319	0.000123	0.000672	0.00215	0.0000125
2028 Oct	0.0595	0.0000108	1.37	2.29	0.0293	0.000386	7.05	0.00147	0.0537	0.000188	0.000157	0.0000627	0.0969	0.00000267	0.000105	0.000499	0.00173	0.00000824
2028 Nov	0.0592	0.0000108	1.36	2.28	0.0287	0.000396	6.97	0.00146	0.0541	0.000182	0.000153	0.0000621	0.0964	0.00000265	0.000105	0.000489	0.00171	0.00000796
2028 Dec	0.0592	0.0000108	1.36	2.28	0.0286	0.000397	6.97	0.00146	0.0542	0.000181	0.000152	0.000062	0.0964	0.00000265	0.000105	0.000488	0.00171	0.00000792
2029 Jan	0.0593	0.0000108	1.37	2.29	0.0287	0.000397	6.97	0.00146	0.0542	0.000182	0.000152	0.0000621	0.0966	0.00000265	0.000105	0.000489	0.00171	0.0000079
2029 Feb	0.0595	0.0000108	1.37	2.3	0.0289	0.000397	6.97	0.00146	0.0542	0.000183	0.000152	0.0000622	0.0969	0.00000265	0.000105	0.000491	0.00171	0.00000789
2029 Mar	0.0597	0.0000108	1.37	2.3	0.0291	0.000397	6.98	0.00146	0.0542	0.000184	0.000152	0.0000622	0.0971	0.00000265	0.000105	0.000493	0.00171	0.00000789
2029 Apr	0.0599	0.0000108	1.38	2.31	0.0293	0.000398	7	0.00146	0.0544	0.000185	0.000153	0.0000624	0.0974	0.00000266	0.000105	0.000495	0.00171	0.0000079
2029 May	0.0609	0.000011	1.4	2.35	0.0298	0.000405	7.12	0.00149	0.0553	0.000188	0.000155	0.0000635	0.0991	0.0000027	0.000107	0.000504	0.00174	0.00000802
2029 Jun	0.0556	0.0000109	1.25	2	0.0255	0.00031	5.71	0.00135	0.0529	0.000164	0.000183	0.0000578	0.0841	0.00000252	0.00009	0.000512	0.00189	0.00000549
2029 Jul	0.0392	0.00000929	0.828	1.13	0.0145	0.000106	2.51	0.000943	0.042	0.000099	0.000208	0.0000406	0.0469	0.00000188	0.0000485	0.000457	0.00192	0.000000314
2029 Aug	0.0416	0.00000986	0.882	1.2	0.0153	0.000117	2.69	0.001	0.0446	0.000104	0.000217	0.0000432	0.05	0.00000199	0.0000515	0.000477	0.00202	0.000000326
2029 Sep	0.0432	0.0000102	0.926	1.28	0.0154	0.000149	2.87	0.00103	0.0467	0.000102	0.000212	0.0000445	0.0532	0.00000206	0.0000553	0.000474	0.00202	0.000000316
2029 Oct	0.0425	0.00000987	0.93	1.33	0.0141	0.000211	3.01	0.000998	0.047	0.0000865	0.000176	0.0000425	0.0548	0.00000199	0.0000585	0.000419	0.00183	0.000000259
2029 Nov	0.0414	0.00000925	0.944	1.43	0.0114	0.000339	3.3	0.000931	0.0479	0.0000547	0.000104	0.0000387	0.0586	0.00000186	0.0000655	0.000305	0.00142	0.000000142
2029 Dec	0.0416	0.00000929	0.952	1.44	0.0113	0.000348	3.34	0.000935	0.0482	0.0000535	0.000101	0.0000388	0.0593	0.00000187	0.0000663	0.000302	0.00142	0.000000137
2030 Jan	0.042	0.00000929	0.958	1.46	0.0117	0.00035	3.37	0.000939	0.0484	0.0000552	0.000101	0.000039	0.0599	0.00000187	0.0000665	0.000305	0.00141	0.000000136
2030 Feb	0.0424	0.0000093	0.966	1.48	0.0123	0.00035	3.4	0.000944	0.0484	0.0000579	0.000102	0.0000393	0.0607	0.00000187	0.0000666	0.00031	0.00142	0.000000136
2030 Mar	0.0428	0.00000932	0.972	1.49	0.0127	0.00035	3.42	0.000949	0.0486	0.0000598	0.000102	0.0000395	0.0613	0.00000187	0.0000669	0.000314	0.00142	0.000000136
2030 Apr	0.0432	0.00000937	0.981	1.51	0.013	0.000352	3.45	0.000957	0.0489	0.0000614	0.000103	0.0000399	0.062	0.00000188	0.0000673	0.000319	0.00143	0.000000136
2030 May	0.0456	0.00000985	1.03	1.59	0.0139	0.00037	3.64	0.00101	0.0514	0.0000654	0.000108	0.000042	0.0653	0.00000198	0.0000707	0.000336	0.0015	0.000000143
2030 Jun	0.0421	0.00000965	0.92	1.33	0.0142	0.000218	2.94	0.000975	0.0466	0.0000837	0.000169	0.0000413	0.0547	0.00000193	0.0000578	0.000413	0.00177	6.39E-08
2030 Jul	0.0413	0.00000982	0.872	1.19	0.0147	0.000123	2.58	0.000982	0.0448	0.0000987	0.000212	0.0000422	0.0492	0.00000196	0.0000508	0.000468	0.00199	1.15E-08
2030 Aug	0.0448	0.0000106	0.951	1.3	0.0156	0.000143	2.85	0.00106	0.0484	0.000105	0.000219	0.000046	0.0539	0.00000213	0.0000552	0.000482	0.0021	1.17E-08
2030 Sep	0.045	0.0000107	0.96	1.31	0.0156	0.000151	2.89	0.00107	0.0487	0.000104	0.000216	0.0000463	0.0546	0.00000214	0.0000559	0.000478	0.0021	1.16E-08
2030 Oct	0.0431	0.0000102	0.929	1.29	0.0145	0.00017	2.85	0.00102	0.0471	0.0000947	0.000196	0.000044	0.0534	0.00000204	0.0000553	0.000441	0.00195	1.04E-08
2030 Nov	0.0424	0.00000989	0.926	1.31	0.0136	0.000212	2.94	0.000987	0.047	0.0000836	0.00017	0.0000423	0.0543	0.00000198	0.0000573	0.000401	0.0018	8.93E-09
2030 Dec	0.0426	0.00000991	0.932	1.32	0.0135	0.00022	2.97	0.000989	0.0473	0.0000824	0.000168	0.0000423	0.0548	0.00000198	0.000058	0.000398	0.00179	8.77E-09
2031 Jan	0.043	0.00000991	0.939	1.35	0.014	0.000222	3	0.000994	0.0474	0.0000845	0.000167	0.0000426	0.0556	0.00000198	0.0000583	0.000401	0.00179	8.71E-09
2031 Feb	0.0436	0.00000991	0.949	1.37	0.0148	0.000222	3.04	0.001	0.0475	0.0000879	0.000167	0.0000429	0.0566	0.00000198	0.0000584	0.000408	0.00178	8.67E-09
2031 Mar	0.044	0.00000993	0.956	1.39	0.0153	0.000222	3.07	0.00101	0.0476	0.0000903	0.000168	0.0000432	0.0573	0.00000199	0.0000586	0.000413	0.00179	8.66E-09
2031 Apr	0.0453	0.0000101	0.982	1.43	0.016	0.000227	3.16	0.00103	0.0487	0.000094	0.000172	0.0000443	0.0591	0.00000203	0.00006	0.000425	0.00182	8.83E-09
2031 May	0.0528	0.0000109	1.12	1.73	0.0226	0.000244	3.65	0.00116	0.0531	0.000149	0.000189	0.0000526	0.0706	0.00000219	0.0000656	0.000509	0.00197	9.05E-09

Appendix D.2-4: B5

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Jun	0.081	0.00001	1.55	3.04	0.0644	0.000195	5.32	0.00142	0.0526	0.000539	0.000208	0.0000882	0.12	0.000002	0.0000663	0.000884	0.00185	3.13E-09
2031 Jul	0.082	0.0000104	1.57	3.06	0.0641	0.000199	5.38	0.00145	0.0542	0.000536	0.000215	0.000089	0.12	0.00000208	0.0000679	0.000892	0.00192	3.08E-09
2031 Aug	0.0773	0.0000101	1.49	2.88	0.0592	0.000202	5.13	0.00138	0.0521	0.000494	0.000199	0.0000843	0.114	0.00000202	0.0000654	0.000821	0.00183	2.82E-09
2031 Sep	0.0644	0.00000924	1.3	2.42	0.0443	0.000259	4.53	0.00119	0.0484	0.000356	0.000146	0.0000689	0.0963	0.00000185	0.0000636	0.000622	0.00153	2.02E-09
2031 Oct	0.0511	0.00000863	1.1	1.94	0.026	0.000362	3.99	0.000997	0.0472	0.000187	0.0000816	0.0000506	0.078	0.00000173	0.0000666	0.000391	0.00121	1.01E-09
2031 Nov	0.0509	0.00000877	1.11	1.94	0.0247	0.000381	4.03	0.001	0.0482	0.000173	0.0000767	0.0000498	0.078	0.00000175	0.0000685	0.000376	0.0012	9.33E-10
2031 Dec	0.0509	0.00000879	1.11	1.94	0.0246	0.000384	4.04	0.001	0.0484	0.000172	0.0000762	0.0000498	0.078	0.00000176	0.0000688	0.000375	0.0012	9.23E-10
2032 Jan	0.0512	0.0000088	1.11	1.95	0.0249	0.000384	4.05	0.001	0.0484	0.000173	0.0000763	0.0000499	0.0784	0.00000176	0.0000689	0.000377	0.0012	9.2E-10
2032 Feb	0.0515	0.0000088	1.12	1.96	0.0253	0.000384	4.07	0.00101	0.0485	0.000175	0.0000767	0.0000501	0.0789	0.00000176	0.0000689	0.000381	0.00121	9.17E-10
2032 Mar	0.0518	0.00000881	1.12	1.97	0.0256	0.000384	4.09	0.00101	0.0486	0.000176	0.000077	0.0000503	0.0794	0.00000176	0.0000691	0.000384	0.00121	9.17E-10
2032 Apr	0.0524	0.0000089	1.14	2	0.026	0.000388	4.14	0.00102	0.0491	0.000179	0.0000779	0.0000508	0.0804	0.00000178	0.0000698	0.00039	0.00122	9.25E-10
2032 May	0.0551	0.00000934	1.19	2.1	0.0275	0.000407	4.35	0.00107	0.0515	0.000188	0.0000819	0.0000534	0.0845	0.00000187	0.0000732	0.000411	0.00128	9.69E-10
2032 Jun	0.0448	0.0000092	0.955	1.48	0.0194	0.000216	3.11	0.000977	0.0452	0.000133	0.000159	0.000045	0.0604	0.00000184	0.0000565	0.000439	0.00166	3.83E-10
2032 Jul	0.0355	0.00000814	0.749	1.06	0.0137	0.000114	2.25	0.000827	0.0376	0.0000938	0.000172	0.0000364	0.0435	0.00000163	0.0000433	0.000398	0.00163	9.67E-11
2032 Aug	0.0377	0.00000875	0.818	1.15	0.0141	0.000144	2.51	0.000888	0.0402	0.0000941	0.000171	0.0000397	0.0478	0.00000175	0.0000471	0.000395	0.00169	9.47E-11
2032 Sep	0.0397	0.0000093	0.884	1.25	0.0145	0.000182	2.77	0.000943	0.0427	0.0000921	0.000166	0.0000426	0.0521	0.00000186	0.0000514	0.00039	0.00172	9.13E-11
2032 Oct	0.0396	0.00000926	0.886	1.26	0.0142	0.000195	2.8	0.000937	0.0429	0.0000888	0.00016	0.0000422	0.0524	0.00000185	0.0000522	0.00038	0.00169	8.74E-11
2032 Nov	0.0403	0.00000933	0.91	1.31	0.0138	0.000231	2.94	0.000944	0.0443	0.0000823	0.000147	0.000042	0.0546	0.00000187	0.0000555	0.000363	0.00163	7.93E-11
2032 Dec	0.0406	0.00000927	0.926	1.36	0.0129	0.000278	3.09	0.000936	0.0455	0.0000717	0.000126	0.000041	0.0565	0.00000185	0.0000591	0.000333	0.00153	6.63E-11
2033 Jan	0.0416	0.00000928	0.944	1.41	0.014	0.000283	3.17	0.000947	0.0458	0.0000764	0.000125	0.0000415	0.0583	0.00000186	0.0000598	0.000342	0.00152	6.5E-11
2033 Feb	0.0428	0.0000093	0.964	1.47	0.0156	0.000283	3.24	0.000961	0.046	0.0000836	0.000126	0.0000423	0.0604	0.00000186	0.0000602	0.000356	0.00152	6.45E-11
2033 Mar	0.0438	0.00000935	0.98	1.5	0.0166	0.000285	3.3	0.000974	0.0464	0.0000881	0.000127	0.0000429	0.0619	0.00000187	0.0000607	0.000366	0.00153	6.46E-11
2033 Apr	0.0454	0.00000961	1.01	1.57	0.0176	0.000292	3.42	0.00101	0.0477	0.0000933	0.000131	0.0000444	0.0644	0.00000192	0.0000625	0.000382	0.00157	6.62E-11
2033 May	0.0683	0.0000101	1.38	2.55	0.0461	0.000275	4.79	0.00128	0.0525	0.000356	0.000166	0.0000717	0.102	0.00000202	0.0000686	0.000672	0.00171	4.88E-11
2033 Jun	0.0758	0.00000881	1.44	2.9	0.0626	0.000184	5.02	0.0013	0.0471	0.000526	0.000182	0.0000831	0.114	0.00000176	0.0000602	0.000827	0.00161	1.54E-11
2033 Jul	0.083	0.0000099	1.58	3.15	0.0675	0.000202	5.48	0.00144	0.0525	0.000565	0.000204	0.0000907	0.124	0.00000198	0.0000667	0.000903	0.00181	1.64E-11
2033 Aug	0.0929	0.0000112	1.77	3.53	0.0751	0.000229	6.15	0.00161	0.059	0.000629	0.000227	0.000102	0.139	0.00000223	0.000075	0.001	0.00203	1.82E-11
2033 Sep	0.0711	0.00000961	1.42	2.71	0.0509	0.000285	5	0.00128	0.0517	0.000412	0.000152	0.0000755	0.107	0.00000192	0.0000689	0.000695	0.00158	1.18E-11
2033 Oct	0.0488	0.00000842	1.07	1.87	0.0228	0.000393	3.93	0.000956	0.0471	0.000156	0.000064	0.0000468	0.0754	0.00000168	0.000068	0.000346	0.00111	4.19E-12
2033 Nov	0.0483	0.00000855	1.07	1.86	0.0213	0.000411	3.95	0.000956	0.048	0.00014	0.0000588	0.0000459	0.0749	0.00000171	0.0000697	0.000328	0.00111	3.71E-12
2033 Dec	0.0484	0.00000857	1.07	1.86	0.0212	0.000413	3.96	0.000957	0.0481	0.00014	0.0000587	0.0000459	0.075	0.00000171	0.0000699	0.000327	0.00111	3.7E-12
2034 Jan	0.0485	0.00000857	1.07	1.87	0.0214	0.000413	3.97	0.000959	0.0482	0.00014	0.0000588	0.0000459	0.0752	0.00000171	0.00007	0.000329	0.00111	3.69E-12
2034 Feb	0.0487	0.00000857	1.08	1.87	0.0216	0.000413	3.98	0.000961	0.0482	0.000141	0.000059	0.0000461	0.0755	0.00000171	0.00007	0.000331	0.00111	3.68E-12
2034 Mar	0.0489	0.00000858	1.08	1.88	0.0218	0.000413	3.99	0.000964	0.0483	0.000142	0.0000592	0.0000462	0.0758	0.00000172	0.0000701	0.000333	0.00111	3.68E-12
2034 Apr	0.0497	0.00000871	1.1	1.91	0.0223	0.000419	4.06	0.000979	0.049	0.000145	0.0000602	0.0000469	0.0771	0.00000174	0.0000712	0.000339	0.00113	3.74E-12
2034 May	0.0569	0.00000925	1.22	2.2	0.0295	0.000426	4.51	0.00109	0.0521	0.000208	0.0000752	0.0000551	0.0882	0.00000185	0.0000752	0.000424	0.00123	1.09E-09
2034 Jun	0.0789	0.00000922	1.54	3.12	0.0625	0.000292	5.74	0.00137	0.0516	0.000518	0.00015	0.0000851	0.122	0.00000185	0.0000733	0.000791	0.00149	0.000000164
2034 Jul	0.079	0.00000968	1.56	3.1	0.0606	0.000296	5.9	0.00141	0.0531	0.000501	0.000155	0.0000852	0.122	0.00000195	0.0000764	0.000773	0.00155	0.000000267
2034 Aug	0.093	0.0000115	1.84	3.64	0.0706	0.000352	6.95	0.00167	0.0629	0.000584	0.000181	0.0001	0.143	0.00000232	0.0000903	0.000901	0.00184	0.000000313
2034 Sep	0.0682	0.00000983	1.41	2.66	0.0433	0.00039	5.36	0.00128	0.0545	0.000338	0.00011	0.0000702	0.106	0.00000197	0.0000797	0.000576	0.00141	0.000000178
2034 Oct	0.0489	0.00000869	1.09	1.9	0.0206	0.00044	4.16	0.000976	0.0492	0.000133	0.0000501	0.000046	0.0765	0.00000174	0.0000735	0.00031	0.00108	6.47E-08
2034 Nov	0.0491	0.00000888	1.11	1.91	0.0199	0.000456	4.21	0.000987	0.0504	0.000124	0.000048	0.0000459	0.077	0.00000178	0.0000753	0.000304	0.00109	5.99E-08
2034 Dec	0.0492	0.0000089	1.11	1.91	0.0198	0.000457	4.21	0.000988	0.0505	0.000124	0.0000479	0.0000459	0.0771	0.00000178	0.0000755	0.000303	0.00109	5.96E-08
2035 Jan	0.0494	0.0000089	1.11	1.92	0.02	0.000457	4.22	0.00099	0.0505	0.000125	0.000048	0.000046	0.0774	0.00000178	0.0000755	0.000305	0.00109	5.94E-08
2035 Feb	0.0496	0.00000891	1.11	1.93	0.0203	0.000457	4.24	0.000993	0.0506	0.000126	0.0000484	0.0000462	0.0778	0.00000178	0.0000756	0.000308	0.00109	5.93E-08
2035 Mar	0.0498	0.00000892	1.12	1.94	0.0205	0.000457	4.25	0.000996	0.0506	0.000127	0.0000486	0.0000463	0.0781	0.00000179	0.0000757	0.000311	0.00109	5.93E-08
2035 Apr	0.0506	0.00000905	1.14	1.97	0.021	0.000464	4.32	0.00101	0.0514	0.00013	0.0000495	0.0000471	0.0794	0.00000181	0.0000768	0.000317	0.00111	6.01E-08
2035 May	0.055	0.00000971	1.23	2.14	0.0235	0.000494	4.67	0.00109	0.0552	0.000148	0.000055	0.0000514	0.0863	0.00000194	0.0000823	0.00035	0.0012	6.38E-08
2035 Jun	0.059	0.00000921	1.22	2.21	0.0378	0.000251	4.61	0.0012	0.0476	0.000297	0.000159	0.0000629	0.0876	0.00000186	0.0000685	0.000591	0.00159	0.000000341
2035 Jul	0.0595	0.00000963	1.24	2.21	0.0372	0.000248	4.78	0.00125	0.049	0.00029	0.000173	0.000064	0.0878	0.00000195	0.0000717	0.000604	0.0017	0.000000458
2035 Aug	0.062	0.0000102	1.31	2.32	0.0384	0.000268	5.02	0.00131	0.0515	0.000297	0.000178	0.0000672	0.092	0.00000206	0.0000754	0.00062	0.00178	0.000000468
2035 Sep	0.0462	0.00000897	1.07	1.78	0.019	0.000394	4.13	0.00101	0.0475	0.000118	0.0000755	0.0000471	0.0723	0.0000018	0.0000717	0.000317	0.00123	0.00000022
2035 Oct	0.0435	0.00000866	1.02	1.69	0.0154	0.000421	3.98	0.000951	0.0472	0.0000844	0.0000563	0.0000422	0.0685	0.00000174	0.0000722	0.000266	0.00111	0.000000193
2035 Nov	0.0412	0.00000833	0.972	1.6	0.0131	0.000424	3.77	0.000895	0.046	0.0000655	0.0000451	0.0000388	0.0649	0.00000167	0.0000702	0.000234	0.00103	0.000000141
2035 Dec	0.0415	0.0000084	0.979	1.61	0.013	0.00043	3.8	0.0009	0.0464	0.0000641	0.0000444	0.0000389	0.0654	0.00000169	0.0000709	0.000233	0.00104	0.000000137
2036 Jan	0.0419	0.00000841	0.986	1.63	0.0135	0.00043	3.82	0.000905	0.0466	0.0000663	0.0000448	0.0000392	0.0661	0.00000169	0.000071	0.000238	0.00104	0.000000136
2036 Feb	0.0425	0.00000842	0.995	1.65	0.0143	0.00043	3.86	0.000912	0.0466	0.0000697	0.0000455	0.0000395	0.067	0.00000169	0.0000711	0.000245	0.00104	0.000000135
2036 Mar	0.0428	0.00000842	1	1.67	0.0147	0.00043	3.88	0.000916	0.0467	0.0000719	0.0000459	0.0000398	0.0676	0.00000169	0.0000712	0.00025	0.00104	0.000000135
2036 Apr	0.044	0.0000086	1.03	1.71	0.0154	0.000438	3.97	0.000938	0.0477	0.000075	0.0000472	0.0000408	0.0694	0.00000173	0.0000727	0.000258	0.00107	0.000000137
2036 May	0.0481	0.00000936	1.12	1.87	0.017	0.000477	4.34	0.00102	0.052	0.0000831	0.0000517	0.0000445	0.0759	0.00000188	0.0000792	0.000284	0.00116	0.000000149
2036 Jun	0.0453	0.00000924	1	1.6	0.0197	0.00026	3.73	0.00104	0.046	0.000129	0.000147	0.0000464	0.0645	0.00000186	0.0000653	0.000422	0.00159	0.000000306
2036 Jul	0.0478	0.0000099	1.04	1.63	0.0218	0.000209	3.89	0.00113	0.0473	0.000153	0.000186	0.0000506	0.0656	0.000002	0.0000663	0.000486	0.00183	0.000000435
2036 Aug	0.0552	0.0000115	1.2	1.87	0.0248	0.000244	4.48	0.0013	0.0546	0.000174	0.000211	0.0000583	0.0756	0.00000231	0.0000762	0.000551	0.0021	0.000000491
2036 Sep	0.0509	0.0000106	1.12	1.74	0.0223	0.000247	4.18	0.0012	0.051	0.000154	0.000186	0.0000537	0.0706	0.00000214	0.0000715	0.000492	0.0019	0.00000043
2036 Oct	0.0461	0.00000967	1.04	1.63	0.0173	0.000317	3.9	0.00106	0.0489	0.000107	0.000128	0.0000461	0.0663	0.00000195	0.0000703	0.000378	0.00155	0.000000284
2036 Nov	0.0454	0.00000953	1.03	1.63	0.0161	0.000341	3.88	0.00103	0.049	0.0000948	0.000114	0.0000446	0.066	0.00000192	0.0000709	0.00035	0.00147	0.000000247
2036 Dec	0.0451	0.00000949	1.03	1.63	0.0154	0.000357	3.88	0.00102	0.0493	0.0000881	0.000106	0.0000438	0.0661	0.00000191	0.0000716	0.000336	0.00143	0.000000226
2037 Jan	0.0456	0.0000095	1.04	1.65	0.016	0.000359	3.91	0.00103	0.0494	0.0000903	0.000105	0.0000441	0.067	0.00000191	0.0000718	0.00034	0.00143	0.000000224
2037 Feb	0.0462	0.00000951	1.05	1.68	0.0168	0.000359	3.95	0.00103	0.0495	0.0000939	0.000106	0.0000445	0.068	0.00000191	0.000072	0.000347	0.00143	0.000000223
2037 Mar	0.0469	0.00000958	1.06	1.7	0.0173	0.000361	4	0.00105	0.0499	0.0000967	0.000107	0.000045	0.0691	0.00000192	0.0000725	0.000354	0.00144	0.000000224
2037 Apr	0.0481	0.00000976	1.09	1.75	0.018	0.000368	4.09	0.00107	0.0509	0.0001	0.000109	0.000046	0.0709	0.00000196	0.000074	0.000364	0.00147	0.000000228
2037 May	0.063	0.00001	1.32	2.37	0.0371	0.000342	4.89	0.00124	0.0535	0.000276	0.000136	0.0000641	0.0947	0.00000202	0.000076	0.000563	0.00158	0.000000187
2037 Jun	0.0656	0.00000818	1.29	2.55	0.0508	0.000222	4.78	0.00119	0.0442	0.000417	0.000146	0.0000711	0.1	0.00000164	0.0000621	0.000676	0.00139	0.000000197
2037 Jul	0.0748	0.00000945	1.47	2.9	0.0574	0.000254	5.47	0.00136	0.0508	0.000471	0.00017	0.000081	0.114	0.0000019	0.0000713	0.00077	0.00162	0.000000236
2037 Aug	0.0869	0.000011	1.71	3.36	0.0665	0.000295	6.35	0.00158	0.059	0.000546	0.000197	0.0000941	0.132	0.00000221	0.0000829	0.000893	0.00188	0.000000273
2037 Sep	0.0944	0.000012	1.86	3.65	0.0721	0.000325	6.91	0.00172	0.0643	0.000591	0.000213	0.000102	0.144	0.00000241	0.0000904	0.000967	0.00204	0.000000296
2037 Oct	0.0878	0.0000113	1.74	3.4	0.066	0.000318	6.46	0.0016	0.0608	0.000539	0.000195	0.0000946	0.134	0.00000227	0.0000857	0.000889	0.0019	0.000000269

Appendix D.2-4: B5

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Nov	0.0874	0.0000113	1.73	3.38	0.0653	0.000324	6.44	0.0016	0.061	0.000532	0.000193	0.000094	0.133	0.00000228	0.000086	0.00088	0.0019	0.000000265
2037 Dec	0.0875	0.0000113	1.74	3.38	0.0653	0.000325	6.45	0.0016	0.0611	0.000532	0.000193	0.0000941	0.133	0.00000228	0.0000862	0.00088	0.0019	0.000000265
2038 Jan	0.0875	0.0000113	1.74	3.39	0.0653	0.000325	6.45	0.0016	0.0611	0.000532	0.000193	0.0000941	0.133	0.00000228	0.0000862	0.00088	0.0019	0.000000265
2038 Feb	0.0876	0.0000113	1.74	3.39	0.0654	0.000325	6.46	0.0016	0.0611	0.000532	0.000193	0.0000941	0.133	0.00000228	0.0000863	0.000881	0.0019	0.000000265
2038 Mar	0.0877	0.0000114	1.74	3.39	0.0655	0.000326	6.47	0.0016	0.0612	0.000533	0.000193	0.0000942	0.134	0.00000228	0.0000863	0.000882	0.0019	0.000000265
2038 Apr	0.0887	0.0000115	1.76	3.43	0.0662	0.000329	6.54	0.00162	0.0618	0.000538	0.000195	0.0000952	0.135	0.00000231	0.0000873	0.000892	0.00192	0.000000268
2038 May	0.095	0.000012	1.87	3.69	0.0724	0.000339	6.94	0.00172	0.0649	0.000592	0.000207	0.000102	0.145	0.00000241	0.0000912	0.000964	0.00202	0.000000266
2038 Jun	0.0903	0.0000101	1.73	3.54	0.0749	0.000259	6.32	0.00155	0.0557	0.000628	0.000193	0.0000988	0.138	0.00000204	0.0000764	0.000954	0.00175	0.000000158
2038 Jul	0.109	0.0000123	2.1	4.28	0.0905	0.000314	7.65	0.00188	0.0675	0.000759	0.000234	0.00012	0.167	0.00000247	0.0000925	0.00115	0.00213	0.000000191
2038 Aug	0.13	0.0000147	2.5	5.09	0.108	0.000374	9.11	0.00224	0.0804	0.000904	0.000279	0.000142	0.199	0.00000294	0.00011	0.00137	0.00254	0.000000227
2038 Sep	0.13	0.0000148	2.5	5.1	0.108	0.00038	9.14	0.00225	0.0809	0.000901	0.000278	0.000142	0.2	0.00000296	0.000111	0.00137	0.00254	0.000000226
2038 Oct	0.124	0.0000142	2.39	4.86	0.102	0.000376	8.75	0.00215	0.078	0.00085	0.000263	0.000136	0.191	0.00000285	0.000107	0.0013	0.00243	0.000000213
2038 Nov	0.125	0.0000143	2.41	4.89	0.102	0.00038	8.79	0.00216	0.0785	0.000853	0.000264	0.000136	0.192	0.00000287	0.000108	0.0013	0.00244	0.000000214
2038 Dec	0.125	0.0000143	2.41	4.89	0.102	0.00038	8.8	0.00216	0.0786	0.000852	0.000263	0.000136	0.192	0.00000287	0.000108	0.0013	0.00244	0.000000214
2039 Jan	0.125	0.0000143	2.41	4.89	0.102	0.00038	8.8	0.00216	0.0786	0.000852	0.000263	0.000136	0.192	0.00000287	0.000108	0.0013	0.00244	0.000000214
2039 Feb	0.125	0.0000143	2.41	4.89	0.102	0.00038	8.8	0.00216	0.0786	0.000852	0.000263	0.000136	0.192	0.00000287	0.000108	0.0013	0.00244	0.000000214
2039 Mar	0.125	0.0000143	2.41	4.9	0.102	0.000381	8.82	0.00216	0.0788	0.000854	0.000264	0.000136	0.192	0.00000288	0.000108	0.00131	0.00245	0.000000214
2039 Apr	0.126	0.0000145	2.44	4.95	0.103	0.000385	8.91	0.00219	0.0795	0.000863	0.000267	0.000138	0.194	0.0000029	0.000109	0.00132	0.00247	0.000000216
2039 May	0.133	0.0000152	2.56	5.2	0.109	0.000404	9.36	0.0023	0.0835	0.000906	0.00028	0.000145	0.204	0.00000305	0.000115	0.00139	0.0026	0.000000227
2039 Jun	0.0982	0.0000125	1.91	3.73	0.0757	0.000292	6.81	0.00177	0.0663	0.000626	0.000241	0.000106	0.147	0.00000251	0.0000883	0.00104	0.00223	0.000000151
2039 Jul	0.0796	0.0000109	1.56	2.95	0.058	0.000237	5.48	0.00147	0.0565	0.000478	0.000209	0.0000856	0.117	0.00000219	0.0000736	0.000832	0.00196	0.000000111
2039 Aug	0.081	0.0000114	1.58	2.97	0.0572	0.000246	5.58	0.0015	0.0584	0.000473	0.000208	0.0000866	0.118	0.00000228	0.0000754	0.000817	0.00199	0.000000108
2039 Sep	0.0844	0.0000119	1.65	3.1	0.0595	0.000258	5.82	0.00156	0.0609	0.000492	0.000216	0.0000902	0.123	0.00000238	0.0000787	0.00085	0.00208	0.000000112
2039 Oct	0.0834	0.0000118	1.63	3.07	0.0587	0.000257	5.76	0.00154	0.0603	0.000485	0.000213	0.0000891	0.121	0.00000236	0.000078	0.000839	0.00205	0.00000011
2039 Nov	0.0839	0.0000118	1.64	3.08	0.059	0.000259	5.8	0.00155	0.0607	0.000487	0.000214	0.0000896	0.122	0.00000237	0.0000785	0.000843	0.00206	0.000000111
2039 Dec	0.0839	0.0000118	1.64	3.08	0.059	0.00026	5.8	0.00155	0.0608	0.000487	0.000214	0.0000896	0.122	0.00000237	0.0000786	0.000843	0.00207	0.000000111
2040 Jan	0.0839	0.0000118	1.64	3.08	0.059	0.00026	5.8	0.00155	0.0608	0.000487	0.000214	0.0000896	0.122	0.00000237	0.0000786	0.000843	0.00207	0.000000111
2040 Feb	0.084	0.0000118	1.64	3.09	0.0591	0.00026	5.8	0.00155	0.0608	0.000488	0.000214	0.0000897	0.122	0.00000237	0.0000786	0.000844	0.00207	0.000000111
2040 Mar	0.0841	0.0000119	1.65	3.09	0.0592	0.00026	5.81	0.00156	0.0609	0.000488	0.000215	0.0000898	0.122	0.00000238	0.0000788	0.000845	0.00207	0.000000111
2040 Apr	0.0847	0.0000119	1.66	3.11	0.0596	0.000262	5.85	0.00157	0.0613	0.000492	0.000216	0.0000904	0.123	0.00000239	0.0000793	0.000851	0.00208	0.000000112
2040 May	0.0877	0.0000123	1.72	3.23	0.0619	0.00027	6.05	0.00162	0.0632	0.000511	0.000223	0.0000936	0.128	0.00000246	0.0000818	0.000882	0.00215	0.000000114
2040 Jun	0.0818	0.000011	1.59	3.03	0.0602	0.000234	5.58	0.00148	0.0569	0.000501	0.000207	0.000088	0.12	0.0000022	0.0000733	0.000841	0.00194	8.86E-08
2040 Jul	0.0863	0.0000116	1.68	3.2	0.0633	0.000247	5.89	0.00157	0.0602	0.000527	0.000219	0.0000928	0.126	0.00000233	0.0000775	0.000888	0.00206	0.000000093
2040 Aug	0.0921	0.0000124	1.79	3.41	0.0675	0.000264	6.28	0.00167	0.0642	0.000562	0.000234	0.000099	0.135	0.00000249	0.0000827	0.000946	0.0022	9.91E-08
2040 Sep	0.0932	0.0000126	1.81	3.45	0.0682	0.000269	6.37	0.0017	0.0651	0.000567	0.000236	0.0001	0.136	0.00000253	0.0000839	0.000956	0.00223	0.0000001
2040 Oct	0.0942	0.0000128	1.83	3.49	0.0689	0.000273	6.44	0.00172	0.0659	0.000573	0.000238	0.000101	0.138	0.00000255	0.0000849	0.000966	0.00225	0.000000101
2040 Nov	0.0948	0.0000128	1.84	3.51	0.0693	0.000275	6.48	0.00173	0.0663	0.000576	0.00024	0.000102	0.139	0.00000257	0.0000855	0.000972	0.00226	0.000000102
2040 Dec	0.0949	0.0000128	1.84	3.51	0.0694	0.000276	6.49	0.00173	0.0664	0.000577	0.00024	0.000102	0.139	0.00000257	0.0000855	0.000972	0.00226	0.000000102
2041 Jan	0.0949	0.0000128	1.84	3.51	0.0694	0.000276	6.49	0.00173	0.0664	0.000577	0.00024	0.000102	0.139	0.00000257	0.0000856	0.000972	0.00226	0.000000102
2041 Feb	0.0949	0.0000128	1.84	3.52	0.0694	0.000276	6.49	0.00173	0.0664	0.000577	0.00024	0.000102	0.139	0.00000257	0.0000856	0.000973	0.00227	0.000000102
2041 Mar	0.095	0.0000129	1.85	3.52	0.0695	0.000276	6.5	0.00173	0.0665	0.000578	0.00024	0.000102	0.139	0.00000258	0.0000857	0.000974	0.00227	0.000000102
2041 Apr	0.0955	0.0000129	1.86	3.54	0.0698	0.000277	6.53	0.00174	0.0668	0.00058	0.000241	0.000103	0.14	0.00000259	0.0000861	0.000979	0.00228	0.000000102
2041 May	0.0976	0.0000132	1.9	3.62	0.0714	0.000283	6.67	0.00178	0.0682	0.000593	0.000247	0.000105	0.143	0.00000265	0.000088	0.001	0.00233	0.000000105
2041 Jun	0.0866	0.0000122	1.69	3.17	0.0617	0.000249	5.88	0.0016	0.0623	0.00051	0.000233	0.0000929	0.125	0.00000244	0.0000794	0.000896	0.00219	8.77E-08
2041 Jul	0.0763	0.000011	1.49	2.77	0.0533	0.000218	5.16	0.00143	0.056	0.000439	0.000213	0.0000817	0.11	0.00000221	0.0000708	0.000794	0.002	7.42E-08
2041 Aug	0.0827	0.000012	1.62	3	0.0578	0.000237	5.6	0.00155	0.0607	0.000476	0.000231	0.0000886	0.119	0.0000024	0.0000768	0.00086	0.00217	8.04E-08
2041 Sep	0.0845	0.0000122	1.66	3.06	0.059	0.000243	5.72	0.00158	0.062	0.000486	0.000236	0.0000905	0.121	0.00000245	0.0000785	0.000878	0.00222	8.21E-08
2041 Oct	0.0839	0.0000122	1.65	3.04	0.0585	0.000243	5.69	0.00157	0.0617	0.000482	0.000234	0.0000899	0.121	0.00000244	0.0000782	0.000872	0.0022	8.14E-08
2041 Nov	0.0845	0.0000123	1.66	3.06	0.0589	0.000245	5.72	0.00158	0.0621	0.000484	0.000236	0.0000905	0.121	0.00000245	0.0000787	0.000877	0.00222	8.19E-08
2041 Dec	0.0845	0.0000123	1.66	3.07	0.0589	0.000245	5.73	0.00158	0.0622	0.000485	0.000236	0.0000906	0.122	0.00000246	0.0000788	0.000877	0.00222	8.19E-08
2042 Jan	0.0846	0.0000123	1.66	3.07	0.0589	0.000245	5.73	0.00159	0.0622	0.000485	0.000236	0.0000906	0.122	0.00000246	0.0000788	0.000878	0.00222	8.19E-08
2042 Feb	0.0846	0.0000123	1.66	3.07	0.059	0.000245	5.74	0.00159	0.0622	0.000485	0.000236	0.0000906	0.122	0.00000246	0.0000788	0.000879	0.00222	8.19E-08
2042 Mar	0.0847	0.0000123	1.66	3.07	0.0591	0.000245	5.74	0.00159	0.0623	0.000486	0.000236	0.0000907	0.122	0.00000246	0.0000789	0.00088	0.00222	8.19E-08
2042 Apr	0.0856	0.0000124	1.68	3.11	0.0597	0.000248	5.8	0.0016	0.0629	0.000491	0.000238	0.0000916	0.123	0.00000248	0.0000797	0.000889	0.00224	8.27E-08
2042 May	0.0888	0.0000129	1.74	3.22	0.0619	0.000257	6.02	0.00166	0.0652	0.000509	0.000247	0.000095	0.128	0.00000257	0.0000826	0.000922	0.00232	8.57E-08
2042 Jun	0.0752	0.0000118	1.49	2.65	0.0493	0.000213	5.03	0.00146	0.0586	0.0004	0.000236	0.0000802	0.106	0.00000237	0.0000726	0.000797	0.00221	0.000000063
2042 Jul	0.0678	0.0000112	1.35	2.34	0.0422	0.000191	4.5	0.00135	0.0549	0.00034	0.000226	0.0000719	0.0935	0.00000225	0.000067	0.000718	0.00211	5.07E-08
2042 Aug	0.0646	0.000011	1.3	2.23	0.039	0.000202	4.37	0.0013	0.0532	0.000312	0.000207	0.0000691	0.0897	0.0000022	0.0000653	0.000656	0.002	4.59E-08
2042 Sep	0.0631	0.0000109	1.29	2.19	0.0375	0.000211	4.32	0.00128	0.0525	0.000298	0.000198	0.0000679	0.0882	0.00000217	0.0000648	0.000629	0.00196	4.38E-08
2042 Oct	0.0621	0.0000107	1.27	2.16	0.0367	0.000215	4.27	0.00126	0.052	0.00029	0.000193	0.0000667	0.087	0.00000215	0.0000645	0.000615	0.00192	4.26E-08
2042 Nov	0.0623	0.0000108	1.27	2.17	0.0367	0.000217	4.29	0.00126	0.0522	0.00029	0.000193	0.0000669	0.0873	0.00000215	0.0000648	0.000616	0.00192	4.26E-08
2042 Dec	0.0623	0.0000108	1.27	2.17	0.0367	0.000218	4.29	0.00126	0.0522	0.00029	0.000193	0.0000669	0.0873	0.00000215	0.0000649	0.000616	0.00192	4.25E-08
2043 Jan	0.0623	0.0000108	1.27	2.17	0.0367	0.000218	4.29	0.00126	0.0523	0.00029	0.000193	0.0000669	0.0873	0.00000215	0.0000649	0.000616	0.00192	4.25E-08
2043 Feb	0.0623	0.0000108	1.28	2.17	0.0367	0.000218	4.29	0.00126	0.0523	0.00029	0.000193	0.0000669	0.0874	0.00000215	0.0000649	0.000616	0.00192	4.25E-08
2043 Mar	0.0624	0.0000108	1.28	2.17	0.0368	0.000218	4.3	0.00126	0.0523	0.00029	0.000193	0.0000669	0.0875	0.00000215	0.0000649	0.000616	0.00192	4.25E-08
2043 Apr	0.0627	0.0000108	1.28	2.19	0.037	0.000219	4.32	0.00127	0.0526	0.000292	0.000194	0.0000673	0.088	0.00000217	0.0000653	0.00062	0.00193	4.28E-08
2043 May	0.0647	0.0000111	1.32	2.26	0.0385	0.000224	4.45	0.0013	0.0538	0.000304	0.000199	0.0000694	0.0908	0.00000222	0.0000669	0.00064	0.00198	4.34E-08
2043 Jun	0.068	0.0000105	1.36	2.43	0.0453	0.000206	4.6	0.00131	0.0522	0.000368	0.000199	0.0000737	0.0971	0.00000211	0.000065	0.000699	0.00191	3.37E-08
2043 Jul	0.0708	0.000011	1.41	2.53	0.0468	0.000215	4.8	0.00137	0.0545	0.000381	0.000208	0.0000766	0.101	0.00000221	0.0000678	0.000725	0.00199	3.48E-08
2043 Aug	0.0665	0.0000103	1.42	2.48	0.0435	0.000218	5.27	0.00141	0.0506	0.000353	0.000196	0.0000769	0.0977	0.00000227	0.0000709	0.000673	0.00193	3.16E-08
2043 Sep	0.066	0.0000102	1.43	2.48	0.043	0.00022	5.34	0.00142	0.0502	0.000349	0.000194	0.000077	0.0974	0.00000228	0.0000714	0.000665	0.00192	3.11E-08
2043 Oct	0.0652	0.0000102	1.41	2.45	0.042	0.000227	5.3	0.0014	0.0501	0.000339	0.000189	0.0000758	0.0964	0.00000227	0.0000715	0.000651	0.00189	3.03E-08
2043 Nov	0.0644	0.0000101	1.4	2.43	0.041	0.000234	5.26	0.00139	0.05	0.00033	0.000184	0.0000746	0.0953	0.00000225	0.0000715	0.000637	0.00186	2.94E-08
2043 Dec	0.0644	0.0000101	1.4	2.43	0.041	0.000235	5.26	0.00139	0.05	0.000329	0.000184	0.0000746	0.0953	0.00000225	0.0000716	0.000636	0.00186	2.93E-08

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	33.3	0.0118	0.00547	0.000909	5.81	0.0196	2.04	0.000909	0.000909	0.00000455	0.00635	0.00117	0.00835	0.0109	0.00000455	9.38	0.000014	0.000175	0.000098	0.000585
Operation (2026-2036): Mean	47.2	0.0472	0.00799	0.00104	10.2	0.0317	3.74	0.00104	0.00104	0.0000052	0.00753	0.00226	0.0107	0.017	0.0000052	14.7	0.0000179	0.000221	0.000167	0.00084
Operation (2026-2036): Max	78.5	0.0866	0.0177	0.00125	17.6	0.0397	6.12	0.00125	0.00125	0.00000624	0.00914	0.00832	0.0126	0.0333	0.00000624	27.3	0.0000261	0.000387	0.000461	0.00121
Active Closure (2037-2043): Min	43.9	0.0206	0.00672	0.00102	9.68	0.0223	3.65	0.000927	0.000927	0.00000465	0.00612	0.000873	0.0108	0.0113	0.00000467	11.3	0.0000123	0.000197	0.000108	0.000644
Active Closure (2037-2043): Mean	122	0.0639	0.107	0.00242	38.3	0.0351	21.1	0.00107	0.00107	0.00000535	0.00739	0.00131	0.0182	0.0204	0.00000541	20.8	0.0000194	0.00029	0.000243	0.001
Active Closure (2037-2043): Max	211	0.11	0.234	0.00415	75.7	0.0445	35.9	0.00129	0.00129	0.00000648	0.00889	0.00195	0.0246	0.0387	0.00000657	35.2	0.0000271	0.000481	0.000565	0.00143
Post Closure (2044-2119): Min	54.3	0.0177	0.00785	0.00101	8.51	0.0226	8.13	0.000918	0.000918	0.00000461	0.00599	0.000906	0.0118	0.0118	0.00000463	11.4	0.0000125	0.000202	0.000115	0.000691
Post Closure (2044-2119): Mean	86	0.0578	0.02	0.0012	15.2	0.0359	20.9	0.00104	0.00104	0.00000523	0.00742	0.0013	0.018	0.0218	0.00000528	21.9	0.000019	0.000299	0.000266	0.00104
Post Closure (2044-2119): Max	144	0.089	0.114	0.00258	41.4	0.0447	40	0.00145	0.00145	0.00000727	0.00993	0.00228	0.027	0.0469	0.00000732	41.9	0.0000301	0.000561	0.000692	0.00169
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	54	0.0575	0.00958	0.00104	12.4	0.0345	4.56	0.00104	0.00104	0.00000519	0.00718	0.00192	0.0105	0.0209	0.00000519	17.8	0.0000156	0.000243	0.000231	0.000946
2026 Feb	54.1	0.0576	0.00961	0.00104	12.5	0.0345	4.57	0.00104	0.00104	0.00000519	0.00718	0.00192	0.0105	0.021	0.00000519	17.9	0.0000156	0.000244	0.000232	0.000947
2026 Mar	54.2	0.0577	0.00963	0.00104	12.5	0.0346	4.58	0.00104	0.00104	0.0000052	0.00719	0.00288	0.0105	0.021	0.0000052	17.9	0.0000156	0.000244	0.000232	0.000949
2026 Apr	54.7	0.0582	0.00972	0.00105	12.6	0.0348	4.62	0.00105	0.00105	0.00000524	0.00725	0.00728	0.0106	0.0212	0.00000524	18.1	0.0000157	0.000246	0.000235	0.000957
2026 May	56.5	0.0602	0.01	0.00108	13	0.036	4.77	0.00108	0.00108	0.00000541	0.00749	0.00832	0.0109	0.0219	0.00000541	18.7	0.0000162	0.000254	0.000243	0.000988
2026 Jun	43.1	0.0288	0.00835	0.000975	8.53	0.0238	3.01	0.000975	0.000975	0.00000487	0.00711	0.00151	0.00975	0.0154	0.00000487	13.2	0.0000196	0.00022	0.000165	0.00072
2026 Jul	43.8	0.0234	0.00852	0.00107	8.22	0.0246	2.89	0.00107	0.00107	0.00000535	0.0078	0.00191	0.0106	0.0151	0.00000535	13	0.0000221	0.000229	0.000154	0.00074
2026 Aug	43.6	0.0215	0.00822	0.0011	8.31	0.0276	2.96	0.0011	0.0011	0.00000551	0.0077	0.00219	0.0108	0.0152	0.00000551	13	0.0000206	0.000219	0.000146	0.000774
2026 Sep	44.9	0.0243	0.00824	0.00113	8.72	0.0297	3.12	0.00113	0.00113	0.00000565	0.00782	0.00274	0.0112	0.0156	0.00000565	13.4	0.0000202	0.000222	0.000147	0.000803
2026 Oct	43.8	0.0328	0.00747	0.00108	8.94	0.0313	3.26	0.00108	0.00108	0.00000539	0.00751	0.00227	0.0109	0.0152	0.00000539	13.2	0.0000181	0.000209	0.000136	0.0008
2026 Nov	44.3	0.0338	0.00751	0.00109	9.06	0.0317	3.31	0.00109	0.00109	0.00000544	0.00758	0.00227	0.011	0.0154	0.00000544	13.3	0.0000182	0.00021	0.000137	0.000809
2026 Dec	44.3	0.0339	0.00752	0.00109	9.07	0.0318	3.31	0.00109	0.00109	0.00000544	0.00759	0.00228	0.011	0.0154	0.00000544	13.3	0.0000182	0.000211	0.000138	0.00081
2027 Jan	44.4	0.034	0.00753	0.00109	9.09	0.0318	3.32	0.00109	0.00109	0.00000544	0.00759	0.00228	0.011	0.0154	0.00000544	13.3	0.0000182	0.000211	0.000138	0.00081
2027 Feb	44.4	0.034	0.00754	0.00109	9.1	0.0318	3.32	0.00109	0.00109	0.00000544	0.00759	0.00228	0.011	0.0154	0.00000544	13.4	0.0000182	0.000211	0.000138	0.000811
2027 Mar	44.5	0.0341	0.00756	0.00109	9.12	0.0318	3.33	0.00109	0.00109	0.00000545	0.0076	0.00228	0.011	0.0155	0.00000545	13.4	0.0000183	0.000212	0.000139	0.000812
2027 Apr	45.1	0.0346	0.00766	0.0011	9.24	0.0323	3.37	0.0011	0.0011	0.00000552	0.0077	0.00231	0.0112	0.0157	0.00000552	13.6	0.0000185	0.000214	0.000141	0.000823
2027 May	47	0.0363	0.008	0.00115	9.66	0.0336	3.53	0.00115	0.00115	0.00000574	0.00801	0.00407	0.0116	0.0164	0.00000574	14.2	0.0000192	0.000223	0.000148	0.000858
2027 Jun	39.2	0.0224	0.00725	0.000991	7.38	0.0242	2.62	0.000991	0.000991	0.00000496	0.00719	0.00237	0.00998	0.0132	0.00000496	11.4	0.0000197	0.000202	0.000124	0.000678
2027 Jul	39.4	0.0151	0.00757	0.00106	6.82	0.0229	2.37	0.00106	0.00106	0.0000053	0.0078	0.00172	0.0106	0.0127	0.0000053	11.1	0.0000228	0.000213	0.000117	0.000671
2027 Aug	43.4	0.0171	0.00822	0.00117	7.64	0.0263	2.67	0.00117	0.00117	0.00000584	0.00847	0.00251	0.0117	0.0141	0.00000584	12.2	0.0000241	0.000231	0.000127	0.000748
2027 Sep	42.5	0.0248	0.00749	0.00111	8.06	0.0288	2.88	0.00111	0.00111	0.00000554	0.0079	0.0023	0.0114	0.014	0.00000554	12.3	0.0000207	0.000216	0.00012	0.000751
2027 Oct	42.4	0.0358	0.00688	0.00106	8.58	0.0309	3.13	0.00106	0.00106	0.00000531	0.00765	0.002	0.0111	0.0141	0.00000531	12.4	0.0000186	0.000205	0.000117	0.000764
2027 Nov	42.8	0.0401	0.00673	0.00105	8.83	0.0318	3.24	0.00105	0.00105	0.00000527	0.00765	0.00182	0.0111	0.0142	0.00000527	12.6	0.0000182	0.000204	0.000117	0.000776
2027 Dec	42.8	0.0407	0.00671	0.00105	8.86	0.0319	3.26	0.00105	0.00105	0.00000527	0.00765	0.0018	0.0111	0.0142	0.00000527	12.6	0.0000181	0.000204	0.000117	0.000777
2028 Jan	42.8	0.0408	0.00673	0.00105	8.88	0.0319	3.26	0.00105	0.00105	0.00000527	0.00765	0.0018	0.0111	0.0143	0.00000527	12.7	0.0000181	0.000204	0.000118	0.000778
2028 Feb	42.9	0.0409	0.00675	0.00105	8.9	0.0319	3.27	0.00105	0.00105	0.00000527	0.00765	0.0018	0.0111	0.0143	0.00000527	12.7	0.0000181	0.000204	0.000118	0.000779
2028 Mar	43	0.0409	0.00676	0.00105	8.91	0.0319	3.28	0.00105	0.00105	0.00000527	0.00765	0.0018	0.0111	0.0143	0.00000527	12.7	0.0000181	0.000205	0.000119	0.00078
2028 Apr	43.3	0.0413	0.00682	0.00106	8.99	0.0321	3.3	0.00106	0.00106	0.00000531	0.0077	0.00181	0.0112	0.0145	0.00000531	12.8	0.0000183	0.000206	0.00012	0.000785
2028 May	44.6	0.0425	0.00704	0.00109	9.26	0.0331	3.4	0.00109	0.00109	0.00000546	0.00793	0.00281	0.0115	0.0149	0.00000546	13.2	0.0000188	0.000213	0.000124	0.000809
2028 Jun	38.7	0.0273	0.00667	0.001	7.34	0.0257	2.64	0.001	0.001	0.00000501	0.00742	0.00283	0.0103	0.0126	0.00000501	11.1	0.0000198	0.000198	0.000107	0.00068
2028 Jul	38.7	0.018	0.00717	0.00105	6.77	0.0235	2.37	0.00105	0.00105	0.00000525	0.0078	0.00174	0.0106	0.0123	0.00000525	10.8	0.0000224	0.000208	0.000108	0.000666
2028 Aug	45.6	0.0215	0.00842	0.00124	8.02	0.028	2.82	0.00124	0.00124	0.00000618	0.00914	0.00304	0.0125	0.0145	0.00000618	12.7	0.0000261	0.000244	0.000126	0.000785
2028 Sep	46.4	0.0268	0.00826	0.00123	8.47	0.0299	3.01	0.00123	0.00123	0.00000617	0.0091	0.00329	0.0126	0.0149	0.00000617	13.1	0.0000251	0.000242	0.000128	0.00081
2028 Oct	43.6	0.0515	0.0064	0.00105	9.22	0.0327	3.45	0.00105	0.00105	0.00000523	0.00796	0.00161	0.0111	0.0144	0.00000523	12.8	0.0000188	0.000203	0.000116	0.000801
2028 Nov	44.3	0.0564	0.0063	0.00105	9.55	0.0339	3.6	0.00105	0.00105	0.00000523	0.00802	0.00148	0.0112	0.0146	0.00000523	13.1	0.0000185	0.000203	0.000118	0.000819
2028 Dec	44.4	0.0567	0.00631	0.00105	9.57	0.0339	3.61	0.00105	0.00105	0.00000523	0.00803	0.00148	0.0112	0.0147	0.00000523	13.2	0.0000186	0.000204	0.000118	0.000821
2029 Jan	44.4	0.0567	0.00632	0.00105	9.58	0.0339	3.61	0.00105	0.00105	0.00000523	0.00803	0.00148	0.0112	0.0147	0.00000523	13.2	0.0000186	0.000204	0.000118	0.000821
2029 Feb	44.5	0.0568	0.00634	0.00105	9.6	0.0339	3.62	0.00105	0.00105	0.00000523	0.00803	0.00148	0.0112	0.0147	0.00000523	13.2	0.0000186	0.000204	0.000119	0.000822
2029 Mar	44.5	0.0568	0.00635	0.00105	9.61	0.0339	3.62	0.00105	0.00105	0.00000524	0.00803	0.00148	0.0112	0.0148	0.00000524	13.2	0.0000186	0.000204	0.00012	0.000823
2029 Apr	44.7	0.057	0.00638	0.00105	9.64	0.034	3.63	0.00105	0.00105	0.00000525	0.00805	0.00149	0.0112	0.0148	0.00000525	13.3	0.0000186	0.000205	0.00012	0.000825
2029 May	45.6	0.0581	0.00651	0.00107	9.84	0.0347	3.71	0.00107	0.00107	0.00000535	0.00821	0.00173	0.0114	0.0151	0.00000535	13.5	0.000019	0.000209	0.000123	0.000842
2029 Jun	44.4	0.0487	0.00681	0.00107	9.17	0.0318	3.41	0.00107	0.00107	0.00000535	0.00816	0.00535	0.0113	0.0146	0.00000535	13	0.0000201	0.000212	0.000123	0.000803
2029 Jul	35	0.0143	0.00645	0.000962	6.22	0.0228	2.21	0.000962	0.000962	0.00000481	0.00688	0.00128	0.0094	0.0115	0.00000481	9.88	0.0000191	0.000181	0.0000994	0.00063
2029 Aug	38.1	0.0152	0.0068	0.00106	7.07	0.0278	2.57	0.00106	0.00106	0.00000528	0.00716	0.00194	0.0101	0.0129	0.00000528	11	0.0000184	0.000185	0.000108	0.000724
2029 Sep	39.7	0.0192	0.00685	0.00109	7.67	0.0305	2.81	0.00109	0.00109	0.00000543	0.00723	0.00244	0.0104	0.0136	0.00000543	11.6	0.0000175	0.000188	0.000112	0.000766
2029 Oct	40.1	0.0292	0.0064	0.00105	8.23	0.0325	3.07	0.00105	0.00105	0.00000525	0.00706	0.00214	0.0103	0.0139	0.00000525	11.9	0.0000158	0.000181	0.000111	0.000783
2029 Nov	40.7	0.0464	0.00574	0.000992	9.02	0.0346	3.43	0.000992	0.000992	0.00000496	0.00695	0.00142	0.0102	0.0141	0.00000496	12.4	0.0000142	0.000175	0.00011	0.000801
2029 Dec	40.8	0.0468	0.00574	0.000993	9.05	0.0347	3.45	0.000993	0.000993	0.00000496	0.00696	0.00142	0.0102	0.0141	0.00000496	12.4	0.0000142	0.000175	0.00011	0.000803
2030 Jan	40.9	0.0469	0.00576	0.000993	9.07	0.0347	3.46	0.000993	0.000993	0.00000496	0.00696	0.00142	0.0102	0.0141	0.00000496	12.4	0.0000142	0.000175	0.000111	0.000804
2030 Feb	41	0.047	0.0058	0.000993	9.1	0.0347	3.47	0.000993	0.000993	0.00000496	0.00696	0.00142	0.0102	0.0142	0.00000496	12.5	0.0000142	0.000176	0.000112	0.000805
2030 Mar	41.2	0.0471	0.00583	0.000994	9.13	0.0348	3.48	0.000994	0.000994	0.00000497	0.00697	0.00142	0.0102	0.0143	0.00000497	12.5	0.0000142	0.000176	0.000113	0.000807
2030 Apr	41.4	0.0473	0.00586	0.000998	9.18	0.0349	3.49	0.000998	0.000998	0.00000499	0.007	0.00143	0.0102	0.0143	0.00000499	12.6	0.0000143	0.000177	0.000114	0.00081
2030 May	42.8	0.049	0.00607	0.00103	9.5	0.0361	3.62	0.00103	0.00103	0.00000516	0.00724	0.00471	0.0106	0.0149	0.00000516	13	0.0000148	0.000184	0.000118	0.000838
2030 Jun	39	0.0333	0.00631	0.000993	7.75	0.0281	2.85	0.000993	0.000993	0.00000497	0.00728	0.00266	0.0102	0.0129	0.00000497	11.3	0.0000183	0.000189	0.000107	0.000714
2030 Jul	37.1	0.0191	0.0067	0.001	6.67	0.0239	2.37	0.001	0.001	0.00000502	0.00735	0.00155	0.01	0.012	0.00000502	10.4	0.0000204	0.000193	0.000103	0.000657
2030 Aug	39.7	0.0191	0.0071	0.00108	7.26	0.0271	2.61	0.00108	0.00108	0.00000542	0.0077	0.00223	0.0107	0.0131	0.00000542	11.3	0.0000207	0.000201	0.000111	0.000726
2030 Sep	42.9	0.0215	0.0076	0.00117	7.92	0.0297	2.85	0.00117	0.00117	0.00000583	0.00824	0.00315	0.0115	0.0142	0.00000583	12.2	0.0000219	0.000215	0.000119	0.000786
2030 Oct	42.1	0.0261	0.00715	0.00112	8.08	0.0306	2.95	0.00112	0.00112	0.00000561	0.00789	0.00275	0.0111	0.0141	0.00000561	12.2	0.00002	0.000204	0.000116	0.000784
2030 Nov	41.7	0.0314	0.00679	0.00109	8.28	0.0314	3.06	0.00109	0.00109	0.00000543	0.00767	0.00222	0.0109	0.014	0.00000543	12.2	0.0000186	0.000197	0.000114	0.000785
2030 Dec	41.7	0.0317	0.00678	0.00109	8.31	0.0315	3.07	0.00109	0.00109	0.00000543	0.00767	0.00222	0.0109	0.014	0.00000543	12.2	0.0000186	0.000197	0.000114	0.000786
2031 Jan	41.8	0.0318	0.0068	0.00109	8.33	0.0315	3.08	0.00109	0.00109	0.00000543	0.00768	0.00222	0.0109	0.0141	0.00000543	12.2	0.0000186	0.000198	0.000115	0.000787

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	41.9	0.0319	0.00682	0.00109	8.35	0.0315	3.08	0.00109	0.00109	0.00000543	0.00767	0.00222	0.0109	0.0141	0.00000543	12.3	0.0000186	0.000198	0.000116	0.000788
2031 Mar	41.9	0.0319	0.00684	0.00109	8.37	0.0315	3.09	0.00109	0.00109	0.00000544	0.00768	0.00222	0.0109	0.0141	0.00000544	12.3	0.0000187	0.000198	0.000116	0.000789
2031 Apr	42.4	0.0323	0.00693	0.0011	8.47	0.0318	3.13	0.0011	0.0011	0.0000055	0.00776	0.0036	0.011	0.0143	0.0000055	12.4	0.0000189	0.000201	0.000118	0.000798
2031 May	46.8	0.0373	0.00803	0.00113	9.61	0.0326	3.53	0.00113	0.00113	0.00000563	0.00794	0.00741	0.0112	0.0165	0.00000563	14.2	0.0000194	0.000221	0.000154	0.000856
2031 Jun	67.8	0.0532	0.0155	0.00102	15.3	0.0244	5.34	0.00102	0.00102	0.00000508	0.00703	0.00202	0.00936	0.0292	0.00000508	23.9	0.00002	0.000335	0.000409	0.00103
2031 Jul	77.1	0.0591	0.0176	0.00118	17.3	0.0281	6.03	0.00118	0.00118	0.00000589	0.00816	0.00309	0.0109	0.033	0.00000589	27	0.0000233	0.000382	0.000461	0.00117
2031 Aug	78.5	0.0585	0.0177	0.00125	17.6	0.0305	6.12	0.00125	0.00125	0.00000624	0.00854	0.00361	0.0116	0.0333	0.00000624	27.3	0.0000238	0.000387	0.000456	0.00121
2031 Sep	67	0.0568	0.014	0.00114	15.1	0.0316	5.35	0.00114	0.00114	0.00000572	0.00787	0.00286	0.0111	0.0275	0.00000572	22.9	0.0000202	0.000323	0.000352	0.00107
2031 Oct	55.2	0.0689	0.00948	0.00102	12.9	0.0345	4.75	0.00102	0.00102	0.00000509	0.00747	0.00169	0.0106	0.0212	0.00000509	18.2	0.0000164	0.00025	0.000234	0.000952
2031 Nov	55	0.0716	0.0092	0.00102	12.9	0.0353	4.78	0.00102	0.00102	0.00000509	0.00754	0.00162	0.0107	0.0209	0.00000509	18.1	0.0000164	0.000247	0.000228	0.000955
2031 Dec	55	0.0718	0.00919	0.00102	12.9	0.0353	4.79	0.00102	0.00102	0.0000051	0.00755	0.00162	0.0107	0.0209	0.0000051	18.1	0.0000164	0.000247	0.000227	0.000956
2032 Jan	55.1	0.0719	0.0092	0.00102	13	0.0353	4.79	0.00102	0.00102	0.0000051	0.00755	0.00162	0.0107	0.0209	0.0000051	18.1	0.0000164	0.000247	0.000228	0.000957
2032 Feb	55.2	0.0719	0.00922	0.00102	13	0.0353	4.8	0.00102	0.00102	0.0000051	0.00755	0.00162	0.0107	0.021	0.0000051	18.1	0.0000164	0.000247	0.000228	0.000957
2032 Mar	55.2	0.072	0.00925	0.00102	13	0.0353	4.8	0.00102	0.00102	0.0000051	0.00756	0.00162	0.0107	0.021	0.0000051	18.2	0.0000164	0.000248	0.000229	0.000959
2032 Apr	55.6	0.0725	0.00932	0.00103	13.1	0.0356	4.84	0.00103	0.00103	0.00000513	0.00761	0.00163	0.0108	0.0212	0.00000513	18.3	0.0000165	0.00025	0.000231	0.000965
2032 May	57.5	0.075	0.00964	0.00106	13.5	0.0367	5	0.00106	0.00106	0.0000053	0.00786	0.0053	0.0112	0.0219	0.0000053	18.9	0.000017	0.000258	0.000239	0.000997
2032 Jun	42.7	0.0346	0.00784	0.000973	8.58	0.025	3.07	0.000973	0.000973	0.00000486	0.00726	0.00198	0.00991	0.015	0.00000486	12.9	0.0000196	0.000215	0.000154	0.000724
2032 Jul	33.3	0.0118	0.00633	0.000909	5.81	0.0205	2.04	0.000909	0.000909	0.00000455	0.00654	0.00126	0.0089	0.0109	0.00000455	9.38	0.0000187	0.000176	0.000098	0.000585
2032 Aug	35.9	0.0138	0.00646	0.000983	6.72	0.026	2.43	0.000983	0.000983	0.00000492	0.0066	0.00177	0.00949	0.0122	0.00000492	10.4	0.0000168	0.000175	0.000104	0.000673
2032 Sep	38.3	0.0176	0.00667	0.00103	7.45	0.0292	2.7	0.00103	0.00103	0.00000516	0.00681	0.00239	0.0101	0.0131	0.00000516	11.3	0.0000163	0.000183	0.000108	0.000724
2032 Oct	39.1	0.0212	0.00663	0.00104	7.79	0.0306	2.84	0.00104	0.00104	0.0000052	0.00686	0.00252	0.0103	0.0134	0.0000052	11.6	0.0000159	0.000184	0.00011	0.000743
2032 Nov	39.5	0.0244	0.00655	0.00104	8	0.0313	2.93	0.00104	0.00104	0.00000519	0.00688	0.00235	0.0104	0.0136	0.00000519	11.8	0.0000156	0.000184	0.00011	0.000752
2032 Dec	39.7	0.0283	0.0064	0.00103	8.19	0.0319	3.02	0.00103	0.00103	0.00000513	0.00685	0.00215	0.0104	0.0136	0.00000513	11.9	0.0000152	0.000182	0.00011	0.000757
2033 Jan	39.8	0.0287	0.00643	0.00103	8.24	0.0319	3.04	0.00103	0.00103	0.00000513	0.00685	0.00215	0.0104	0.0137	0.00000513	11.9	0.0000152	0.000183	0.000111	0.000759
2033 Feb	40	0.0288	0.00649	0.00103	8.28	0.0319	3.05	0.00103	0.00103	0.00000513	0.00686	0.00215	0.0104	0.0138	0.00000513	12	0.0000152	0.000184	0.000113	0.000761
2033 Mar	40.2	0.029	0.00653	0.00103	8.33	0.032	3.07	0.00103	0.00103	0.00000514	0.00687	0.00216	0.0104	0.0139	0.00000514	12.1	0.0000153	0.000185	0.000114	0.000764
2033 Apr	40.9	0.0295	0.00665	0.00104	8.47	0.0324	3.12	0.00104	0.00104	0.00000522	0.00697	0.00219	0.0105	0.0141	0.00000522	12.3	0.0000155	0.000188	0.000116	0.000776
2033 May	57	0.0446	0.0117	0.00104	12.7	0.0296	4.52	0.00104	0.00104	0.00000521	0.00697	0.00287	0.0101	0.0231	0.00000521	19.2	0.0000172	0.000272	0.000285	0.000942
2033 Jun	64	0.0453	0.0153	0.000919	14.4	0.0196	4.93	0.000919	0.000919	0.0000046	0.00635	0.00167	0.00835	0.0279	0.0000046	22.7	0.0000192	0.000324	0.000405	0.000936
2033 Jul	64.8	0.0428	0.0152	0.00102	14.2	0.0219	4.88	0.00102	0.00102	0.00000509	0.00706	0.00237	0.00935	0.0276	0.00000509	22.5	0.0000212	0.000329	0.000388	0.000967
2033 Aug	71.3	0.0465	0.0165	0.00115	15.6	0.0253	5.37	0.00115	0.00115	0.00000575	0.00793	0.00339	0.0106	0.0302	0.00000575	24.7	0.0000234	0.000361	0.000419	0.00108
2033 Sep	59.8	0.0482	0.0125	0.00106	13.2	0.0286	4.68	0.00106	0.00106	0.00000531	0.00736	0.0025	0.0103	0.0242	0.00000531	20.1	0.0000192	0.00029	0.000305	0.000962
2033 Oct	49.4	0.0775	0.00713	0.000953	11.8	0.0358	4.48	0.000953	0.000953	0.00000476	0.00738	0.00125	0.0103	0.018	0.00000476	15.9	0.0000151	0.000213	0.000175	0.000895
2033 Nov	49.6	0.0828	0.00679	0.000961	12	0.0373	4.58	0.000961	0.000961	0.0000048	0.00756	0.00119	0.0105	0.0178	0.0000048	15.8	0.0000151	0.000211	0.000167	0.00091
2033 Dec	49.7	0.0829	0.00679	0.000962	12	0.0374	4.58	0.000962	0.000962	0.00000481	0.00757	0.00119	0.0106	0.0178	0.00000481	15.9	0.0000151	0.000211	0.000168	0.000911
2034 Jan	49.7	0.083	0.0068	0.000962	12	0.0374	4.59	0.000962	0.000962	0.00000481	0.00757	0.00119	0.0106	0.0179	0.00000481	15.9	0.0000151	0.000211	0.000168	0.000911
2034 Feb	49.8	0.083	0.00682	0.000962	12	0.0373	4.59	0.000962	0.000962	0.00000481	0.00757	0.00119	0.0106	0.0179	0.00000481	15.9	0.0000151	0.000212	0.000169	0.000912
2034 Mar	49.9	0.0831	0.00684	0.000963	12.1	0.0374	4.6	0.000963	0.000963	0.00000481	0.00757	0.00119	0.0106	0.0179	0.00000481	15.9	0.0000151	0.000212	0.000169	0.000913
2034 Apr	50.5	0.0841	0.00693	0.000974	12.2	0.0378	4.66	0.000974	0.000974	0.00000487	0.00766	0.00121	0.0107	0.0182	0.00000487	16.1	0.0000153	0.000215	0.000171	0.000924
2034 May	56.1	0.0866	0.00863	0.00101	13.5	0.0377	5.09	0.00101	0.00101	0.00000507	0.00788	0.00561	0.0109	0.0211	0.00000507	18.4	0.0000164	0.000244	0.000222	0.000991
2034 Jun	69.4	0.0606	0.0159	0.000959	16	0.0231	5.58	0.000959	0.000959	0.00000479	0.0068	0.00179	0.0089	0.0302	0.00000479	24.7	0.0000195	0.000342	0.000433	0.00103
2034 Jul	62.3	0.0463	0.014	0.00102	13.8	0.0243	4.81	0.00102	0.00102	0.00000509	0.00708	0.00212	0.00942	0.0262	0.00000509	21.5	0.0000201	0.000309	0.000355	0.000965
2034 Aug	72	0.0531	0.016	0.00119	15.9	0.0291	5.57	0.00119	0.00119	0.00000597	0.00826	0.0034	0.0111	0.0301	0.00000597	24.8	0.0000231	0.000356	0.000406	0.00113
2034 Sep	60.3	0.0567	0.0119	0.00109	13.6	0.032	4.89	0.00109	0.00109	0.00000546	0.00766	0.00254	0.0106	0.0241	0.00000546	20.2	0.0000189	0.000284	0.000294	0.00101
2034 Oct	50.3	0.0765	0.00738	0.000974	12	0.0364	4.55	0.000974	0.000974	0.00000487	0.00745	0.00137	0.0104	0.0185	0.00000487	16.2	0.0000152	0.000216	0.000182	0.000918
2034 Nov	50.6	0.0793	0.00727	0.000983	12.1	0.0372	4.61	0.000983	0.000983	0.00000491	0.00757	0.00134	0.0105	0.0185	0.00000491	16.3	0.0000153	0.000216	0.000179	0.000929
2034 Dec	50.7	0.0795	0.00727	0.000984	12.2	0.0373	4.62	0.000984	0.000984	0.00000492	0.00758	0.00134	0.0105	0.0185	0.00000492	16.3	0.0000153	0.000216	0.00018	0.00093
2035 Jan	50.7	0.0795	0.00728	0.000984	12.2	0.0373	4.62	0.000984	0.000984	0.00000492	0.00758	0.00134	0.0105	0.0185	0.00000492	16.3	0.0000153	0.000216	0.00018	0.00093
2035 Feb	50.8	0.0796	0.0073	0.000984	12.2	0.0373	4.63	0.000984	0.000984	0.00000492	0.00758	0.00134	0.0105	0.0186	0.00000492	16.3	0.0000153	0.000217	0.000181	0.000931
2035 Mar	50.9	0.0796	0.00731	0.000985	12.2	0.0373	4.64	0.000985	0.000985	0.00000492	0.00758	0.00135	0.0105	0.0186	0.00000492	16.3	0.0000153	0.000217	0.000181	0.000932
2035 Apr	51.4	0.0805	0.0074	0.000995	12.3	0.0377	4.69	0.000995	0.000995	0.00000497	0.00766	0.00136	0.0106	0.0188	0.00000497	16.5	0.0000155	0.000219	0.000183	0.000942
2035 May	54.6	0.0845	0.008	0.00104	13.1	0.0392	4.96	0.00104	0.00104	0.00000521	0.00802	0.00389	0.0111	0.0201	0.00000521	17.6	0.0000163	0.000234	0.0002	0.000993
2035 Jun	47.1	0.0331	0.00985	0.00093	9.68	0.0214	3.38	0.00093	0.00093	0.00000465	0.00682	0.00129	0.0091	0.018	0.00000465	15.1	0.0000196	0.000242	0.000221	0.000748
2035 Jul	44.2	0.023	0.00905	0.00102	8.35	0.022	2.9	0.00102	0.00102	0.00000509	0.00749	0.00185	0.01	0.0158	0.00000509	13.4	0.0000221	0.000235	0.000175	0.00072
2035 Aug	46.2	0.0243	0.00917	0.00109	8.86	0.0253	3.09	0.00109	0.00109	0.00000544	0.00781	0.00232	0.0108	0.0163	0.00000544	14	0.000022	0.000241	0.000173	0.000769
2035 Sep	43.4	0.047	0.00676	0.000983	9.55	0.0323	3.5	0.000983	0.000983	0.00000491	0.00704	0.00153	0.0108	0.0149	0.00000491	13.3	0.0000154	0.000203	0.000131	0.000769
2035 Oct	44.6	0.0675	0.0059	0.00096	10.5	0.0361	3.96	0.00096	0.00096	0.0000048	0.00727	0.00137	0.0108	0.0152	0.0000048	13.8	0.0000144	0.000195	0.000124	0.00082
2035 Nov	44.8	0.0766	0.00547	0.000939	10.8	0.0372	4.13	0.000939	0.000939	0.00000469	0.00733	0.00117	0.0107	0.0152	0.00000469	13.8	0.000014	0.000189	0.000121	0.000836
2035 Dec	44.9	0.077	0.00547	0.00094	10.8	0.0374	4.14	0.00094	0.00094	0.0000047	0.00735	0.00117	0.0107	0.0152	0.0000047	13.9	0.0000014	0.00019	0.000121	0.000838
2036 Jan	45	0.0771	0.00549	0.00094	10.8	0.0374	4.15	0.00094	0.00094	0.0000047	0.00735	0.00117	0.0107	0.0153	0.0000047	13.9	0.0000014	0.00019	0.000122	0.000839
2036 Feb	45.1	0.0771	0.00552	0.000941	10.8	0.0373	4.15	0.000941	0.000941	0.0000047	0.00735	0.00117	0.0107	0.0153	0.0000047	14	0.0000014	0.000191	0.000123	0.00084
2036 Mar	45.1	0.0771	0.00555	0.000941	10.9	0.0373	4.16	0.000941	0.000941	0.0000047	0.00735	0.00117	0.0107	0.0154	0.0000047	14	0.0000014	0.000191	0.000124	0.000841
2036 Apr	45.8	0.0782	0.00565	0.000953	11	0.0378	4.22	0.000953	0.000953	0.00000476	0.00744	0.0029	0.0108	0.0156	0.00000476	14.2	0.0000142	0.000194	0.000127	0.000853
2036 May	48.4	0.0825	0.00602	0.001	11.7	0.0397	4.46	0.001	0.001	0.00000501	0.00783	0.00768	0.0114	0.0166	0.00000501	15.1	0.0000015	0.000205	0.000136	0.0009
2036 Jun	43.1	0.0408	0.00756	0.000964	8.88	0.0263	3.21	0.000964	0.000964	0.00000482	0.0073	0.0018	0.01	0.015	0.00000482	13.1	0.0000191	0.000213	0.00015	0.000736
2036 Jul	40.3	0.0222	0.00755	0.00102	7.44	0.024	2.63	0.00102	0.00102	0.00000512	0.00753	0.00164	0.0102	0.0135	0.00000512	11.7	0.0000212	0.00021	0.000129	0.000693
2036 Aug	45.5	0.0247	0.00847	0.00116	8.45	0.0279	3	0.00116	0.00116	0.00000581	0.00844	0.00267	0.0116	0.0153	0.00000581	13.2	0.0000234	0.000235	0.000144	0.000791
2036 Sep	44.4	0.0281	0.00789	0.00113	8.57	0.0295	3.08	0.00113	0.00113	0.00000563	0.00804	0.00264	0.0113	0.015	0.00000563	13	0.000021	0.000222	0.000136	0.000789
2036 Oct	43.2	0.0449	0.00668	0.00104	9.16	0.0324	3.4	0.00104	0.00104	0.00000519	0.00756	0.00176	0.0108	0.0147	0.00000519	12.9	0.0000175	0.000201	0.000124	0.000797
2036 Nov	43.4	0.0505	0.00643	0.00102	9.4	0.0333	3.53	0.00102	0.00102	0.00000511	0.00754	0.00158	0.0108	0.0147	0.00000511	13.1	0.000017	0.000198	0.000123	0.000806
2036 Dec	43.5	0.0529	0.00633	0.00102	9.51	0.0337	3.58	0.00102	0.00102	0.00000508	0.00754	0.00152	0.0107	0.0148	0.00000508	13.1	0.0000168	0.000197	0.000122	0.00081
2037 Jan	43.9	0.0536	0.00672	0.00102	9.68	0.0338	3.65	0.00102	0.00102	0.00000508	0.00754	0.0015	0.0108	0.0148	0.00000508	13.2	0.0000168	0.000197	0.000124	0.000813
2037 Feb	44.1	0.0538	0.00684	0.00102	9.74	0.0338	3.67	0.00102	0.00102	0.00000508	0.00754	0.0015	0.0108	0.0149	0.00000508	13.3	0.0000168	0.000198	0.000125	0.000815
2037 Mar	44.3	0.054	0.00689	0.00102	9.8	0.0339	3.69	0.00102	0.00102	0.00000509	0.00756	0.00151	0.0108	0.015	0.00000509	13.3	0.0000168	0.000199	0.000126	0.000818
2037 Apr	44.7	0.0545	0.00696	0.00103	9.88	0.0341	3.72	0.00103	0.00103	0.00000513	0.00762	0.00152	0.0109	0.0152	0.00000513	13.5	0.0000169	0.000201	0.000128	0.000825
2037 May	96.2	0.0747	0.0697	0.00182	29.9	0.0323	12.2	0.00102	0.00102	0.0000051	0.00744	0.00156	0.0136	0.0238	0.00000512	21.6	0.0000189	0.000297	0.000299	0.00101
2037 Jun	119	0.0702	0.0946	0.002	37.7	0.023	15.7	0.000927	0.000927	0.00000465	0.00652	0.00148	0.0131	0.0306	0.00000467	27.1	0.0000204	0.00037	0.000456	0.00106

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	139	0.0747	0.121	0.00248	45.3	0.0265	19.5	0.00104	0.00104	0.00000522	0.00735	0.00157	0.016	0.0311	0.00000526	28.3	0.000023	0.000392	0.000455	0.00114
2037 Aug	156	0.0813	0.141	0.00285	51.5	0.0302	22.5	0.00114	0.00114	0.00000573	0.00801	0.00169	0.0182	0.0328	0.00000578	30.3	0.0000247	0.000419	0.000474	0.00123
2037 Sep	176	0.0885	0.171	0.00331	59.5	0.0335	26.8	0.00118	0.00118	0.00000591	0.00823	0.0017	0.0205	0.032	0.00000599	30.7	0.000025	0.000422	0.000456	0.00127
2037 Oct	200	0.102	0.222	0.00397	72.1	0.0375	34	0.00107	0.00107	0.00000539	0.00773	0.00147	0.0237	0.0254	0.0000055	27.4	0.0000221	0.000366	0.000341	0.00118
2037 Nov	205	0.106	0.231	0.00411	74.6	0.0388	35.4	0.00107	0.00107	0.00000536	0.00774	0.00145	0.0244	0.0246	0.00000547	27.1	0.0000218	0.000359	0.000325	0.00118
2037 Dec	206	0.107	0.232	0.00412	74.7	0.0388	35.5	0.00107	0.00107	0.00000537	0.00775	0.00145	0.0244	0.0246	0.00000548	27.1	0.0000218	0.00036	0.000325	0.00118
2038 Jan	206	0.107	0.232	0.00412	74.7	0.0388	35.5	0.00107	0.00107	0.00000537	0.00775	0.00145	0.0244	0.0246	0.00000548	27.1	0.0000218	0.00036	0.000325	0.00118
2038 Feb	206	0.107	0.232	0.00412	74.8	0.0388	35.5	0.00107	0.00107	0.00000537	0.00775	0.00145	0.0244	0.0246	0.00000548	27.1	0.0000218	0.00036	0.000325	0.00118
2038 Mar	206	0.107	0.232	0.00412	74.8	0.0389	35.5	0.00107	0.00107	0.00000537	0.00775	0.00145	0.0244	0.0247	0.00000549	27.1	0.0000218	0.00036	0.000326	0.00118
2038 Apr	208	0.107	0.234	0.00415	75.3	0.0391	35.8	0.00107	0.00107	0.00000541	0.0078	0.00146	0.0246	0.0249	0.00000552	27.3	0.0000219	0.000363	0.000328	0.00119
2038 May	211	0.11	0.233	0.00415	75.7	0.0388	35.9	0.00109	0.00109	0.00000549	0.00786	0.00154	0.0245	0.0271	0.00000562	29	0.0000224	0.000383	0.000369	0.00124
2038 Jun	148	0.0814	0.129	0.00256	47	0.0262	21.5	0.000978	0.000978	0.00000491	0.00672	0.00156	0.0157	0.0319	0.00000501	29.2	0.0000211	0.000392	0.000478	0.00116
2038 Jul	162	0.0892	0.137	0.00281	50.8	0.0302	23.1	0.00116	0.00116	0.0000058	0.008	0.00179	0.0178	0.0363	0.0000059	32.9	0.000025	0.000448	0.000537	0.00132
2038 Aug	171	0.0942	0.142	0.003	53.3	0.0343	24.2	0.00129	0.00129	0.00000648	0.00889	0.00195	0.0195	0.0387	0.00000657	35.2	0.0000271	0.000481	0.000565	0.00143
2038 Sep	152	0.0882	0.127	0.00274	48	0.0349	22.2	0.00121	0.00121	0.00000609	0.00848	0.00174	0.0188	0.0332	0.00000616	30.7	0.0000244	0.000422	0.000464	0.00129
2038 Oct	144	0.0909	0.127	0.00269	46.9	0.0368	22.6	0.00111	0.00111	0.00000559	0.00806	0.00151	0.0191	0.0271	0.00000565	26.4	0.0000215	0.000359	0.000354	0.00117
2038 Nov	145	0.0924	0.129	0.00273	47.5	0.0373	23	0.00112	0.00112	0.0000056	0.0081	0.00151	0.0193	0.027	0.00000566	26.4	0.0000215	0.000358	0.00035	0.00117
2038 Dec	145	0.0926	0.13	0.00273	47.6	0.0374	23.1	0.00112	0.00112	0.0000056	0.0081	0.00151	0.0193	0.0269	0.00000567	26.4	0.0000215	0.000358	0.00035	0.00117
2039 Jan	145	0.0926	0.13	0.00274	47.6	0.0374	23.1	0.00112	0.00112	0.0000056	0.0081	0.00151	0.0193	0.0269	0.00000567	26.4	0.0000215	0.000358	0.00035	0.00117
2039 Feb	146	0.0927	0.13	0.00274	47.7	0.0374	23.1	0.00112	0.00112	0.0000056	0.0081	0.00151	0.0193	0.027	0.00000567	26.4	0.0000215	0.000359	0.000351	0.00117
2039 Mar	146	0.0929	0.13	0.00274	47.8	0.0374	23.2	0.00112	0.00112	0.00000561	0.00811	0.00151	0.0193	0.027	0.00000568	26.5	0.0000215	0.000359	0.000352	0.00117
2039 Apr	147	0.0935	0.131	0.00276	48.1	0.0377	23.3	0.00113	0.00113	0.00000565	0.00817	0.00152	0.0195	0.0272	0.00000572	26.7	0.0000217	0.000362	0.000354	0.00118
2039 May	152	0.0971	0.136	0.00287	49.9	0.0391	24.2	0.00117	0.00117	0.00000586	0.00847	0.00158	0.0202	0.0282	0.00000593	27.7	0.0000225	0.000375	0.000367	0.00123
2039 Jun	138	0.0577	0.144	0.00289	45.4	0.0292	24.9	0.000977	0.000977	0.00000491	0.00723	0.00105	0.0196	0.0149	0.00000502	17.3	0.0000218	0.000265	0.000171	0.000839
2039 Jul	99.5	0.0321	0.0971	0.00225	30.8	0.0278	17	0.000963	0.000963	0.00000483	0.00656	0.000944	0.0155	0.0119	0.00000493	13.1	0.0000186	0.000204	0.000115	0.000744
2039 Aug	120	0.0373	0.121	0.00269	38.6	0.0374	21.9	0.00107	0.00107	0.00000536	0.00645	0.00112	0.0178	0.0138	0.00000547	15.3	0.0000154	0.000201	0.000126	0.000915
2039 Sep	120	0.0416	0.119	0.00269	38.8	0.0399	22.1	0.0011	0.0011	0.00000552	0.0067	0.00117	0.0183	0.0146	0.00000562	16	0.0000153	0.000207	0.000129	0.000955
2039 Oct	120	0.0489	0.119	0.00264	39.2	0.0407	22.6	0.00107	0.00107	0.00000535	0.00663	0.00115	0.0185	0.0145	0.00000544	16.2	0.0000145	0.000205	0.000127	0.000954
2039 Nov	121	0.0499	0.12	0.00266	39.7	0.0411	22.8	0.00107	0.00107	0.00000538	0.00668	0.00116	0.0187	0.0146	0.00000547	16.3	0.0000146	0.000207	0.000128	0.000961
2039 Dec	121	0.0502	0.12	0.00267	39.8	0.0411	22.9	0.00107	0.00107	0.00000539	0.00669	0.00116	0.0187	0.0146	0.00000548	16.4	0.0000146	0.000207	0.000128	0.000963
2040 Jan	121	0.0503	0.12	0.00267	39.8	0.0411	22.9	0.00107	0.00107	0.00000539	0.00669	0.00116	0.0187	0.0147	0.00000548	16.4	0.0000146	0.000208	0.000129	0.000963
2040 Feb	121	0.0504	0.121	0.00267	39.9	0.0411	22.9	0.00107	0.00107	0.00000539	0.00669	0.00116	0.0187	0.0147	0.00000548	16.4	0.0000147	0.000208	0.000129	0.000964
2040 Mar	122	0.0505	0.121	0.00268	40	0.0412	23	0.00108	0.00108	0.0000054	0.00671	0.00117	0.0187	0.0147	0.00000549	16.5	0.0000147	0.000208	0.00013	0.000966
2040 Apr	123	0.0509	0.122	0.0027	40.2	0.0415	23.1	0.00108	0.00108	0.00000544	0.00676	0.00118	0.0189	0.0149	0.00000553	16.6	0.0000148	0.00021	0.000131	0.000974
2040 May	130	0.0565	0.126	0.00277	42.4	0.0419	24.1	0.00111	0.00111	0.00000556	0.00697	0.00126	0.0194	0.0171	0.00000566	18.5	0.0000157	0.000235	0.00017	0.00103
2040 Jun	109	0.0556	0.0837	0.00194	31.8	0.0241	16	0.000943	0.000943	0.00000473	0.00649	0.00131	0.0136	0.025	0.00000481	22.8	0.0000199	0.00032	0.000355	0.000967
2040 Jul	103	0.0505	0.0733	0.00189	28.8	0.0255	14.3	0.00104	0.00104	0.00000523	0.00728	0.00134	0.014	0.0245	0.00000529	22.1	0.0000222	0.000324	0.000335	0.00098
2040 Aug	103	0.0497	0.0722	0.00195	28.8	0.0283	14.6	0.00112	0.00112	0.0000056	0.00772	0.0014	0.0149	0.0248	0.00000566	22.5	0.0000229	0.000329	0.000329	0.00102
2040 Sep	107	0.0516	0.0799	0.00205	30.9	0.0313	17	0.0011	0.0011	0.00000552	0.00754	0.00135	0.0164	0.0227	0.00000556	21.6	0.0000211	0.000312	0.000287	0.001
2040 Oct	113	0.0564	0.089	0.00218	33.6	0.0334	19.2	0.0011	0.0011	0.00000551	0.00758	0.00134	0.0176	0.0221	0.00000556	21.7	0.0000207	0.000309	0.000273	0.00101
2040 Nov	114	0.0573	0.0901	0.0022	34	0.0338	19.4	0.00111	0.00111	0.00000555	0.00764	0.00135	0.0178	0.0222	0.0000056	21.8	0.0000208	0.000311	0.000273	0.00102
2040 Dec	114	0.0575	0.0903	0.0022	34	0.0338	19.5	0.00111	0.00111	0.00000555	0.00765	0.00135	0.0178	0.0222	0.0000056	21.8	0.0000208	0.000311	0.000273	0.00102
2041 Jan	114	0.0576	0.0905	0.0022	34.1	0.0339	19.5	0.00111	0.00111	0.00000555	0.00765	0.00135	0.0179	0.0222	0.00000561	21.8	0.0000208	0.000311	0.000274	0.00102
2041 Feb	115	0.0576	0.0906	0.00221	34.1	0.0339	19.5	0.00111	0.00111	0.00000555	0.00765	0.00135	0.0179	0.0222	0.00000561	21.8	0.0000208	0.000312	0.000274	0.00102
2041 Mar	115	0.0577	0.0907	0.00221	34.2	0.0339	19.6	0.00111	0.00111	0.00000556	0.00766	0.00135	0.0179	0.0223	0.00000562	21.9	0.0000208	0.000312	0.000275	0.00102
2041 Apr	115	0.0581	0.0912	0.00222	34.4	0.0341	19.7	0.00112	0.00112	0.00000559	0.0077	0.00136	0.018	0.0224	0.00000565	22	0.000021	0.000314	0.000276	0.00103
2041 May	122	0.061	0.0978	0.00233	36.5	0.0353	21.1	0.00114	0.00114	0.00000572	0.00789	0.0014	0.0189	0.0229	0.00000578	22.8	0.0000215	0.000323	0.000283	0.00106
2041 Jun	110	0.0427	0.1	0.00228	33.1	0.0279	20.3	0.000986	0.000986	0.00000495	0.00713	0.00103	0.0177	0.0146	0.00000503	16.1	0.0000212	0.000253	0.000163	0.000801
2041 Jul	65.5	0.0206	0.0477	0.00153	17.1	0.0223	9.76	0.00095	0.00095	0.00000476	0.00694	0.000873	0.0128	0.0113	0.0000048	11.3	0.0000209	0.000205	0.000108	0.000644
2041 Aug	70.2	0.0226	0.0488	0.00165	18.1	0.0263	10.4	0.00107	0.00107	0.00000535	0.00765	0.000992	0.0141	0.0128	0.00000539	12.7	0.0000223	0.000224	0.00012	0.000732
2041 Sep	73.6	0.0271	0.0513	0.0017	19.5	0.0294	11.7	0.00108	0.00108	0.00000542	0.00761	0.00103	0.0149	0.0133	0.00000545	13.4	0.000021	0.000226	0.000121	0.000771
2041 Oct	83.8	0.0384	0.0632	0.00183	23.6	0.0326	15.3	0.00105	0.00105	0.00000527	0.00744	0.00104	0.0164	0.0136	0.00000531	14.5	0.0000195	0.000227	0.000121	0.00081
2041 Nov	86.1	0.0404	0.0655	0.00187	24.3	0.0333	15.9	0.00106	0.00106	0.00000531	0.00752	0.00106	0.0168	0.0138	0.00000536	14.8	0.0000195	0.000229	0.000123	0.000824
2041 Dec	86.4	0.0407	0.0658	0.00188	24.4	0.0334	15.9	0.00106	0.00106	0.00000532	0.00753	0.00106	0.0168	0.0138	0.00000536	14.8	0.0000196	0.00023	0.000123	0.000825
2042 Jan	86.6	0.0408	0.066	0.00188	24.5	0.0334	16	0.00106	0.00106	0.00000532	0.00753	0.00106	0.0168	0.0138	0.00000536	14.8	0.0000196	0.00023	0.000123	0.000826
2042 Feb	86.7	0.0408	0.0661	0.00188	24.5	0.0334	16	0.00106	0.00106	0.00000532	0.00753	0.00106	0.0168	0.0138	0.00000536	14.8	0.0000196	0.00023	0.000124	0.000827
2042 Mar	86.9	0.0409	0.0663	0.00189	24.6	0.0334	16	0.00106	0.00106	0.00000533	0.00754	0.00106	0.0169	0.0139	0.00000537	14.9	0.0000196	0.000231	0.000124	0.000828
2042 Apr	88.1	0.0415	0.0672	0.00191	24.9	0.0339	16.2	0.00108	0.00108	0.0000054	0.00764	0.00108	0.0171	0.0141	0.00000545	15.1	0.0000199	0.000234	0.000126	0.00084
2042 May	95.7	0.046	0.0741	0.00205	27.4	0.036	18	0.00113	0.00113	0.00000565	0.008	0.00114	0.0183	0.015	0.00000569	16.3	0.0000207	0.000249	0.000137	0.000893
2042 Jun	97.4	0.0398	0.0826	0.00206	28.1	0.0287	18.1	0.000997	0.000997	0.000005	0.00725	0.001	0.017	0.0135	0.00000507	14.8	0.0000209	0.000237	0.000137	0.000781
2042 Jul	75.2	0.0253	0.0569	0.00169	20.2	0.026	12.5	0.000989	0.000989	0.00000496	0.00701	0.000949	0.0141	0.0123	0.00000501	12.6	0.0000202	0.000211	0.000119	0.000718
2042 Aug	97.7	0.0365	0.0829	0.00206	28.6	0.0348	19.7	0.000978	0.000978	0.00000491	0.00624	0.00102	0.0174	0.0131	0.00000498	14.8	0.0000147	0.000209	0.000117	0.000811
2042 Sep	108	0.0495	0.0916	0.00217	32.4	0.0401	23.1	0.000976	0.000976	0.0000049	0.00612	0.00107	0.0198	0.0138	0.00000498	16.4	0.0000123	0.000222	0.000118	0.000855
2042 Oct	113	0.0625	0.0957	0.00222	34.2	0.0419	24.8	0.000962	0.000962	0.00000483	0.00633	0.00107	0.0205	0.0141	0.00000491	17.2	0.0000124	0.000227	0.00012	0.000887
2042 Nov	115	0.0642	0.0976	0.00226	34.9	0.0425	25.1	0.000972	0.000972	0.00000488	0.00642	0.00108	0.0208	0.0143	0.00000496	17.4	0.0000126	0.000229	0.000122	0.0009
2042 Dec	115	0.0644	0.098	0.00226	35	0.0425	25.2	0.000973	0.000973	0.00000489	0.00643	0.00109	0.0208	0.0143	0.00000497	17.5	0.0000126	0.00023	0.000122	0.000901
2043 Jan	115	0.0645	0.0982	0.00226	35	0.0425	25.2	0.000973	0.000973	0.00000489	0.00643	0.00109	0.0208	0.0144	0.00000497	17.5	0.0000126	0.00023	0.000122	0.000902
2043 Feb	116	0.0646	0.0983	0.00227	35.1	0.0425	25.2	0.000973	0.000973	0.00000489	0.00643	0.00109	0.0208	0.0144	0.00000497	17.5	0.0000126	0.00023	0.000123	0.000902
2043 Mar	116	0.0646	0.0984	0.00227	35.1	0.0425	25.3	0.000974	0.000974	0.00000489	0.00643	0.00109	0.0208	0.0144	0.00000497	17.5	0.0000126	0.00023	0.000123	0.000903
2043 Apr	117	0.0655	0.0997	0.0023	35.6	0.0431	25.6	0.000986	0.000986	0.00000495	0.00651	0.0011	0.0211	0.0146	0.00000504	17.8	0.0000128	0.000234	0.000125	0.000915
2043 May	125	0.0706	0.105	0.00241	37.8	0.0445	27	0.00104	0.00104	0.0000052	0.00687	0.00119	0.022	0.0166	0.00000529	19.6	0.0000139	0.000257	0.000156	0.000984
2043 Jun	108	0.0582	0.0733	0.0018	29.6	0.026	17.5	0.000961	0.000961	0.00000482	0.0067	0.00135	0.0148	0.0255	0.00000488	23.6	0.00002	0.000331	0.000359	0.000994
2043 Jul	102	0.0538	0.0623	0.00178	26.9	0.0285	15.5	0.0011	0.0011	0.00000552	0.0077	0.00144	0.0152	0.0262	0.00000557	23.8	0.0000227	0.000344	0.000355	0.00105
2043 Aug	107	0.0557	0.0643	0.0019	28	0.0326	16.7	0.0012	0.0012	0.00000602	0.00828	0.00155	0.0168	0.027	0.00000607	24.8	0.0000236	0.000358	0.000355	0.00112
2043 Sep	107	0.0549	0.0682	0.00194	28.6	0.0346	18.6	0.00116	0.00116	0.00000584	0.00794	0.00147	0.0179	0.0244	0.00000589	23.4	0.0000216	0.000335	0.000307	0.00107
2043 Oct	125	0.0692	0.0919	0.00224	34.9	0.0386	25.5	0.0011	0.0011	0.00000552	0.00775	0.00141	0.0208	0.0216	0.0000056	22.8	0.00002	0.000315	0.000258	0.00107
2043 Nov	136	0.0808	0.108	0.00245	39.2	0.0413	29.8	0.00106	0.00106	0.0000053	0.00766	0.00138	0.0226	0.0198	0.0000054	22.4	0.000019	0.0003	0.000224	0.00107

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	137	0.0811	0.108	0.00245	39.3	0.0413	29.8	0.00106	0.00106	0.00000531	0.00766	0.00138	0.0226	0.0198	0.0000054	22.4	0.000019	0.0003	0.000224	0.00107
2044 Jan	137	0.0811	0.108	0.00246	39.4	0.0413	29.8	0.00106	0.00106	0.00000531	0.00766	0.00138	0.0226	0.0198	0.00000541	22.5	0.000019	0.000301	0.000225	0.00107
2044 Feb	137	0.0813	0.109	0.00246	39.4	0.0413	29.9	0.00106	0.00106	0.00000532	0.00767	0.00139	0.0226	0.0199	0.00000541	22.5	0.0000191	0.000301	0.000226	0.00107
2044 Mar	137	0.0815	0.109	0.00246	39.5	0.0414	29.9	0.00106	0.00106	0.00000533	0.00769	0.00139	0.0227	0.02	0.00000542	22.6	0.0000191	0.000302	0.000227	0.00108
2044 Apr	138	0.082	0.109	0.00248	39.8	0.0417	30.1	0.00107	0.00107	0.00000536	0.00773	0.0014	0.0228	0.0201	0.00000546	22.7	0.0000192	0.000304	0.000229	0.00108
2044 May	144	0.0856	0.114	0.00258	41.4	0.0434	31.4	0.00111	0.00111	0.00000558	0.00806	0.00146	0.0238	0.021	0.00000568	23.7	0.00002	0.000317	0.000239	0.00113
2044 Jun	92.4	0.0374	0.0618	0.00179	22.9	0.0268	14.9	0.000966	0.000966	0.00000485	0.00658	0.00107	0.0147	0.0144	0.00000491	14.7	0.000019	0.000228	0.000164	0.000791
2044 Jul	86.7	0.0298	0.0522	0.00178	20	0.0275	12.7	0.0011	0.0011	0.0000055	0.00754	0.0011	0.015	0.0145	0.00000555	14.3	0.0000223	0.00024	0.000155	0.000816
2044 Aug	99.3	0.035	0.059	0.00205	23	0.0328	14.7	0.00128	0.00128	0.00000643	0.00881	0.00129	0.0175	0.0169	0.00000649	16.8	0.0000256	0.00028	0.000178	0.000953
2044 Sep	85.3	0.0406	0.0529	0.00174	21.4	0.0339	15.6	0.00109	0.00109	0.00000546	0.00758	0.00111	0.0172	0.0148	0.00000551	15.6	0.0000196	0.000246	0.00014	0.000844
2044 Oct	90.2	0.0549	0.0587	0.00177	23.7	0.0366	18.3	0.00104	0.00104	0.00000521	0.00749	0.00109	0.0181	0.0148	0.00000526	16.3	0.0000182	0.000242	0.000135	0.000869
2044 Nov	92.4	0.0588	0.0608	0.0018	24.5	0.0375	19	0.00104	0.00104	0.00000521	0.00754	0.00109	0.0184	0.0149	0.00000526	16.6	0.0000181	0.000243	0.000135	0.000884
2044 Dec	92.8	0.059	0.0612	0.00181	24.6	0.0375	19.1	0.00104	0.00104	0.00000521	0.00755	0.0011	0.0184	0.0149	0.00000527	16.6	0.0000181	0.000243	0.000135	0.000885
2045 Jan	93	0.0591	0.0615	0.00181	24.7	0.0375	19.1	0.00104	0.00104	0.00000521	0.00755	0.0011	0.0185	0.015	0.00000527	16.7	0.0000181	0.000244	0.000136	0.000886
2045 Feb	93.1	0.0592	0.0616	0.00181	24.7	0.0375	19.1	0.00104	0.00104	0.00000521	0.00755	0.0011	0.0185	0.015	0.00000527	16.7	0.0000181	0.000244	0.000136	0.000887
2045 Mar	93.3	0.0593	0.0617	0.00182	24.7	0.0376	19.2	0.00104	0.00104	0.00000522	0.00756	0.0011	0.0185	0.015	0.00000527	16.7	0.0000181	0.000244	0.000137	0.000889
2045 Apr	93.9	0.0597	0.0621	0.00183	24.9	0.0378	19.3	0.00105	0.00105	0.00000525	0.0076	0.00111	0.0186	0.0151	0.0000053	16.8	0.0000183	0.000246	0.000138	0.000894
2045 May	97.6	0.062	0.0645	0.0019	25.9	0.0393	20.1	0.00109	0.00109	0.00000546	0.0079	0.00115	0.0193	0.0157	0.00000551	17.5	0.000019	0.000256	0.000144	0.000929
2045 Jun	105	0.0438	0.0766	0.00201	27	0.0315	22.8	0.001	0.001	0.00000504	0.0072	0.00105	0.0193	0.0133	0.00000511	15.8	0.0000204	0.000243	0.000135	0.000827
2045 Jul	92.7	0.0301	0.0603	0.00186	21.9	0.0287	18	0.00108	0.00108	0.00000542	0.0077	0.00105	0.0176	0.0132	0.00000548	14.6	0.0000231	0.000245	0.000133	0.000804
2045 Aug	95.6	0.0316	0.0604	0.00194	22.4	0.0317	18.5	0.00117	0.00117	0.00000589	0.00834	0.00114	0.0188	0.0144	0.00000595	15.7	0.0000245	0.000262	0.000142	0.000871
2045 Sep	85.7	0.0333	0.0511	0.00176	20.2	0.0327	17	0.00113	0.00113	0.00000566	0.00798	0.00111	0.018	0.0141	0.0000057	15.3	0.0000221	0.00025	0.000131	0.000845
2045 Oct	85.5	0.036	0.0503	0.00175	20.2	0.0338	17.2	0.00114	0.00114	0.00000569	0.00806	0.00112	0.0182	0.0143	0.00000574	15.6	0.0000219	0.000251	0.000132	0.000859
2045 Nov	86	0.0364	0.0505	0.00176	20.4	0.034	17.3	0.00114	0.00114	0.00000573	0.00812	0.00113	0.0183	0.0144	0.00000577	15.7	0.0000221	0.000253	0.000133	0.000865
2045 Dec	86.1	0.0366	0.0506	0.00176	20.4	0.0341	17.3	0.00114	0.00114	0.00000574	0.00813	0.00113	0.0183	0.0145	0.00000578	15.7	0.0000221	0.000253	0.000133	0.000866
2046 Jan	86.1	0.0366	0.0506	0.00176	20.4	0.0341	17.3	0.00114	0.00114	0.00000574	0.00813	0.00113	0.0183	0.0145	0.00000578	15.7	0.0000221	0.000253	0.000133	0.000867
2046 Feb	86.2	0.0367	0.0506	0.00176	20.4	0.0341	17.3	0.00114	0.00114	0.00000574	0.00813	0.00113	0.0183	0.0145	0.00000578	15.7	0.0000221	0.000253	0.000134	0.000867
2046 Mar	86.4	0.0368	0.0507	0.00176	20.5	0.0342	17.3	0.00115	0.00115	0.00000576	0.00815	0.00113	0.0184	0.0146	0.0000058	15.8	0.0000222	0.000254	0.000134	0.00087
2046 Apr	87.6	0.0373	0.0514	0.00179	20.7	0.0346	17.5	0.00116	0.00116	0.00000583	0.00826	0.00115	0.0186	0.0148	0.00000587	16	0.0000224	0.000258	0.000136	0.000882
2046 May	91.4	0.039	0.0536	0.00186	21.6	0.0361	18.3	0.00121	0.00121	0.00000607	0.00861	0.0012	0.0194	0.0154	0.00000612	16.7	0.0000234	0.000269	0.000143	0.00092
2046 Jun	88.2	0.0307	0.0555	0.00175	20.7	0.0283	16.7	0.00102	0.00102	0.00000514	0.00714	0.00101	0.0165	0.0131	0.00000519	14.2	0.0000207	0.000232	0.000134	0.000782
2046 Jul	62.9	0.0177	0.03	0.00138	12.8	0.0239	8.26	0.00101	0.00101	0.00000505	0.00697	0.000914	0.0124	0.0118	0.00000508	11.4	0.0000206	0.000203	0.000115	0.000691
2046 Aug	64.2	0.0192	0.0289	0.00144	13.1	0.0272	8.46	0.0011	0.0011	0.00000551	0.00756	0.00101	0.0134	0.0131	0.00000554	12.5	0.0000215	0.000219	0.000123	0.000758
2046 Sep	68.2	0.0317	0.0351	0.00143	15.8	0.0321	12.6	0.00102	0.00102	0.00000509	0.00692	0.001	0.015	0.0131	0.00000513	13.6	0.0000172	0.000212	0.000115	0.000774
2046 Oct	88.2	0.0539	0.0547	0.00167	22.2	0.037	20.1	0.000978	0.000978	0.00000491	0.007	0.00103	0.0182	0.0137	0.00000497	15.8	0.0000164	0.000224	0.000121	0.000853
2046 Nov	92.5	0.0582	0.0589	0.00173	23.6	0.0379	21.5	0.00098	0.00098	0.00000492	0.00708	0.00104	0.0188	0.014	0.00000498	16.3	0.0000164	0.000227	0.000123	0.000873
2046 Dec	92.9	0.0585	0.0593	0.00174	23.7	0.038	21.6	0.000981	0.000981	0.00000492	0.00709	0.00105	0.0188	0.014	0.00000499	16.3	0.0000165	0.000228	0.000123	0.000875
2047 Jan	93.1	0.0586	0.0594	0.00174	23.7	0.038	21.6	0.000981	0.000981	0.00000493	0.00709	0.00105	0.0188	0.014	0.00000499	16.3	0.0000165	0.000228	0.000124	0.000876
2047 Feb	93.2	0.0586	0.0595	0.00174	23.8	0.038	21.6	0.000982	0.000982	0.00000493	0.00709	0.00105	0.0189	0.014	0.00000499	16.4	0.0000165	0.000228	0.000124	0.000877
2047 Mar	93.7	0.059	0.0599	0.00175	23.9	0.0382	21.7	0.000987	0.000987	0.00000495	0.00713	0.00105	0.0189	0.0141	0.00000502	16.5	0.0000166	0.00023	0.000125	0.000882
2047 Apr	94.3	0.0594	0.0602	0.00176	24.1	0.0385	21.9	0.000993	0.000993	0.00000498	0.00718	0.00106	0.0191	0.0142	0.00000505	16.6	0.0000167	0.000231	0.000126	0.000888
2047 May	104	0.0627	0.0653	0.00184	26.2	0.0382	23.4	0.00102	0.00102	0.0000051	0.00727	0.00116	0.0196	0.0169	0.00000517	18.8	0.0000177	0.000259	0.000176	0.000953
2047 Jun	111	0.0582	0.0576	0.00164	26.4	0.0266	18.9	0.00099	0.00099	0.00000497	0.00662	0.00144	0.0152	0.0279	0.00000502	25.6	0.0000202	0.00035	0.000405	0.00108
2047 Jul	116	0.0617	0.057	0.00173	27.3	0.0294	19.5	0.00113	0.00113	0.00000568	0.00775	0.00161	0.0167	0.0309	0.00000573	28.2	0.0000237	0.000393	0.000443	0.00119
2047 Aug	125	0.0669	0.0604	0.00189	29.4	0.0335	21.2	0.00126	0.00126	0.00000633	0.00861	0.00176	0.0185	0.0335	0.00000638	30.6	0.0000258	0.000428	0.000475	0.0013
2047 Sep	106	0.0605	0.0501	0.00166	24.9	0.034	19.9	0.00114	0.00114	0.00000574	0.00789	0.00153	0.018	0.0275	0.00000579	26	0.000022	0.000364	0.000367	0.00114
2047 Oct	110	0.0697	0.059	0.00173	26.6	0.0373	25	0.00105	0.00105	0.00000529	0.0076	0.00137	0.0201	0.0231	0.00000535	23.9	0.0000198	0.000324	0.000287	0.00108
2047 Nov	114	0.0743	0.0646	0.0018	28.1	0.0387	26.9	0.00104	0.00104	0.00000522	0.00762	0.00134	0.021	0.0222	0.00000529	23.6	0.0000195	0.000318	0.00027	0.00108
2047 Dec	114	0.0746	0.0651	0.00181	28.2	0.0388	27	0.00104	0.00104	0.00000523	0.00763	0.00134	0.021	0.0222	0.0000053	23.7	0.0000195	0.000318	0.00027	0.00108
2048 Jan	115	0.0747	0.0653	0.00181	28.3	0.0388	27	0.00104	0.00104	0.00000523	0.00763	0.00134	0.021	0.0222	0.0000053	23.7	0.0000195	0.000318	0.000271	0.00108
2048 Feb	115	0.0748	0.0654	0.00182	28.3	0.0388	27	0.00104	0.00104	0.00000523	0.00764	0.00134	0.021	0.0223	0.0000053	23.7	0.0000195	0.000319	0.000271	0.00109
2048 Mar	115	0.0749	0.0655	0.00182	28.3	0.0388	27.1	0.00104	0.00104	0.00000523	0.00764	0.00134	0.0211	0.0223	0.0000053	23.7	0.0000195	0.000319	0.000272	0.00109
2048 Apr	116	0.0757	0.0662	0.00184	28.6	0.0392	27.3	0.00105	0.00105	0.00000529	0.00771	0.00136	0.0213	0.0225	0.00000536	24	0.0000197	0.000322	0.000275	0.0011
2048 May	121	0.0791	0.0692	0.00192	29.9	0.0409	28.6	0.0011	0.0011	0.00000552	0.00806	0.00142	0.0222	0.0235	0.0000056	25.1	0.0000206	0.000337	0.000288	0.00115
2048 Jun	91.3	0.0434	0.0505	0.00164	20.8	0.0301	18.2	0.001	0.001	0.00000504	0.00713	0.00107	0.0168	0.0159	0.0000051	16.7	0.0000201	0.000253	0.00018	0.000859
2048 Jul	60.9	0.0185	0.0258	0.00134	11.9	0.0243	8.13	0.00104	0.00104	0.00000522	0.00736	0.000938	0.0127	0.0125	0.00000524	11.9	0.0000218	0.000215	0.000123	0.000711
2048 Aug	61.4	0.0215	0.0263	0.00135	12.7	0.0291	9.77	0.00107	0.00107	0.00000534	0.00727	0.00101	0.0139	0.0132	0.00000536	12.9	0.0000196	0.000216	0.00012	0.00076
2048 Sep	68.9	0.0305	0.0325	0.0014	15.2	0.0336	14.1	0.00103	0.00103	0.00000518	0.00693	0.00103	0.0159	0.0135	0.00000521	14.2	0.0000168	0.000218	0.000118	0.000795
2048 Oct	82.8	0.0447	0.0438	0.00153	19.1	0.0372	20.3	0.001	0.001	0.00000502	0.00692	0.00105	0.0186	0.0138	0.00000507	15.9	0.0000161	0.000228	0.000121	0.00085
2048 Nov	88.6	0.0506	0.048	0.00159	20.6	0.0388	22.7	0.001	0.001	0.00000503	0.00703	0.00107	0.0197	0.0141	0.00000509	16.7	0.0000162	0.000234	0.000124	0.00088
2048 Dec	89	0.0508	0.0484	0.0016	20.7	0.0388	22.8	0.001	0.001	0.00000503	0.00704	0.00107	0.0198	0.0141	0.00000509	16.7	0.0000162	0.000234	0.000125	0.000882
2049 Jan	89.1	0.0509	0.0485	0.0016	20.8	0.0389	22.8	0.001	0.001	0.00000503	0.00704	0.00107	0.0198	0.0142	0.00000509	16.7	0.0000162	0.000235	0.000125	0.000882
2049 Feb	89.2	0.051	0.0486	0.0016	20.8	0.0389	22.8	0.001	0.001	0.00000503	0.00704	0.00107	0.0198	0.0142	0.00000509	16.8	0.0000163	0.000235	0.000126	0.000883
2049 Mar	89.5	0.0511	0.0487	0.0016	20.8	0.0389	22.9	0.001	0.001	0.00000504	0.00706	0.00108	0.0198	0.0143	0.0000051	16.8	0.0000163	0.000236	0.000126	0.000885
2049 Apr	90.4	0.0517	0.0492	0.00162	21.1	0.0393	23.1	0.00102	0.00102	0.0000051	0.00713	0.00109	0.02	0.0144	0.00000516	17	0.0000165	0.000238	0.000128	0.000895
2049 May	94.7	0.0544	0.0515	0.00169	22.1	0.0411	24.3	0.00106	0.00106	0.00000532	0.00744	0.00114	0.021	0.0151	0.00000538	17.9	0.0000172	0.00025	0.000135	0.000937
2049 Jun	78.1	0.03	0.0405	0.0015	16.6	0.0274	14.8	0.000966	0.000966	0.00000485	0.00669	0.000926	0.0151	0.0127	0.00000489	13.5	0.0000189	0.000216	0.000129	0.00075
2049 Jul	61.4	0.0182	0.0254	0.00132	11.8	0.0243	8.56	0.00102	0.00102	0.00000509	0.00707	0.000907	0.0127	0.0121	0.00000511	11.7	0.0000208	0.000208	0.000118	0.000702
2049 Aug	69.5	0.0211	0.0281	0.00151	13.3	0.0288	9.81	0.00118	0.00118	0.00000591	0.00818	0.00106	0.0147	0.0141	0.00000593	13.6	0.0000237	0.000239	0.000136	0.000817
2049 Sep	69.1	0.0301	0.0286	0.00141	14	0.032	13.4	0.00109	0.00109	0.00000547	0.00765	0.00105	0.0159	0.0138	0.0000055	14.3	0.0000204	0.00023	0.000126	0.000817
2049 Oct	81.1	0.0482	0.0385	0.00149	17.6	0.036	19.8	0.00103	0.00103	0.00000516	0.00751	0.00106	0.0184	0.014	0.0000052	15.9	0.0000188	0.000234	0.000126	0.00087
2049 Nov	85.4	0.0533	0.0422	0.00154	18.9	0.0372	21.3	0.00103	0.00103	0.00000515	0.00758	0.00107	0.019	0.0143	0.0000052	16.5	0.0000188	0.000237	0.000129	0.000892
2049 Dec	85.9	0.0537	0.0427	0.00155	19.1	0.0373	21.4	0.00103	0.00103	0.00000515	0.00759	0.00107	0.0191	0.0143	0.00000521	16.5	0.0000188	0.000238	0.000129	0.000894
2050 Jan	86.2	0.0538	0.0429	0.00155	19.1	0.0374	21.5	0.00103	0.00103	0.00000516	0.00759	0.00107	0.0191	0.0144	0.00000521	16.5	0.0000188	0.000238	0.00013	0.000895
2050 Feb	86.3	0.0539	0.043	0.00155	19.2	0.0374	21.5	0.00103	0.00103	0.00000516	0.00759	0.00107	0.0191	0.0144	0.00000521	16.6	0.0000188	0.000238	0.000131	0.000896
2050 Mar	86.4	0.054	0.0431	0.00155	19.2	0.0374	21.5	0.00103	0.00103	0.00000516	0.00759	0.00108	0.0191	0.0144	0.00000521	16.6	0.0000188	0.000239	0.000131	0.000897
2050 Apr	87.1	0.0544	0.0434	0.00156	19.4	0.0376	21.7	0.00104	0.00104	0.0000052	0.00765	0.00108	0.0193	0.0146	0.00000525	16.8	0.000019	0.000241	0.000133	0.000904

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	90.6	0.0567	0.0451	0.00162	20.1	0.039	22.6	0.00107	0.00107	0.00000538	0.00792	0.00113	0.02	0.0152	0.00000544	17.5	0.0000197	0.00025	0.000139	0.000939
2050 Jun	83.2	0.0372	0.041	0.00149	17.5	0.0287	17.4	0.000976	0.000976	0.0000049	0.00695	0.000999	0.0162	0.0145	0.00000495	15.5	0.0000198	0.000237	0.00016	0.000812
2050 Jul	60.5	0.019	0.0249	0.00128	11.7	0.0247	9.3	0.000981	0.000981	0.00000492	0.00678	0.000906	0.0125	0.0123	0.00000494	11.9	0.0000195	0.000202	0.000122	0.000704
2050 Aug	62.8	0.0199	0.0251	0.00136	12.3	0.0283	9.98	0.00107	0.00107	0.00000539	0.00733	0.00101	0.0136	0.0136	0.00000541	13	0.0000204	0.000216	0.00013	0.000779
2050 Sep	63.8	0.0244	0.0253	0.00133	12.8	0.0312	12	0.00106	0.00106	0.00000531	0.00715	0.00104	0.0145	0.0137	0.00000533	13.7	0.0000186	0.000214	0.000127	0.000803
2050 Oct	66.4	0.0276	0.0267	0.00137	13.5	0.0327	13.1	0.00108	0.00108	0.00000539	0.0073	0.00107	0.0152	0.0141	0.00000542	14.2	0.0000187	0.000219	0.000129	0.00083
2050 Nov	67	0.0281	0.0269	0.00138	13.6	0.0331	13.2	0.00109	0.00109	0.00000544	0.00737	0.00108	0.0153	0.0143	0.00000547	14.4	0.0000189	0.000221	0.00013	0.000838
2050 Dec	67.2	0.0282	0.027	0.00138	13.6	0.0331	13.2	0.00109	0.00109	0.00000545	0.00738	0.00108	0.0153	0.0143	0.00000548	14.4	0.0000189	0.000221	0.000131	0.00084
2051 Jan	67.3	0.0283	0.027	0.00138	13.7	0.0331	13.2	0.00109	0.00109	0.00000545	0.00739	0.00108	0.0153	0.0143	0.00000548	14.4	0.0000189	0.000221	0.000131	0.00084
2051 Feb	67.4	0.0284	0.0271	0.00138	13.7	0.0331	13.2	0.00109	0.00109	0.00000545	0.00739	0.00108	0.0154	0.0143	0.00000548	14.5	0.0000189	0.000222	0.000131	0.000841
2051 Mar	67.5	0.0284	0.0272	0.00139	13.7	0.0332	13.3	0.00109	0.00109	0.00000546	0.0074	0.00108	0.0154	0.0144	0.00000549	14.5	0.000019	0.000222	0.000132	0.000842
2051 Apr	68.3	0.0288	0.0275	0.0014	13.9	0.0335	13.4	0.0011	0.0011	0.00000552	0.00748	0.00109	0.0155	0.0145	0.00000555	14.7	0.0000192	0.000225	0.000134	0.000852
2051 May	79.2	0.0331	0.0337	0.00151	16.2	0.0354	17.5	0.00113	0.00113	0.00000569	0.00773	0.00117	0.0176	0.0161	0.00000573	16.7	0.0000202	0.000249	0.00016	0.000921
2051 Jun	83.4	0.0289	0.0385	0.00143	16.7	0.0247	15.9	0.000944	0.000944	0.00000474	0.0064	0.000992	0.0148	0.0157	0.00000478	15.8	0.0000194	0.000243	0.000196	0.000796
2051 Jul	74.7	0.0221	0.031	0.00144	14	0.0254	11.9	0.00104	0.00104	0.00000525	0.00712	0.000971	0.0141	0.0141	0.00000528	13.8	0.0000214	0.000231	0.000156	0.000778
2051 Aug	66.4	0.0226	0.0254	0.00132	12.8	0.0292	12.3	0.00104	0.00104	0.00000524	0.00704	0.00102	0.0146	0.0142	0.00000527	14.1	0.0000192	0.000226	0.000142	0.000787
2051 Sep	72.8	0.038	0.0299	0.00135	15	0.0338	16	0.00101	0.00101	0.00000505	0.00692	0.00104	0.0163	0.0144	0.00000509	15.3	0.000017	0.000226	0.000136	0.000827
2051 Oct	85	0.0694	0.0352	0.00141	18.2	0.0389	20	0.000951	0.000951	0.00000478	0.00703	0.00103	0.0177	0.0148	0.00000483	16.6	0.0000155	0.000221	0.000137	0.000914
2051 Nov	85.8	0.0728	0.0351	0.00141	18.4	0.0398	20.2	0.000958	0.000958	0.00000481	0.00715	0.00104	0.0178	0.015	0.00000486	16.9	0.0000156	0.000223	0.000138	0.00093
2051 Dec	86	0.073	0.0353	0.00142	18.5	0.0398	20.2	0.00096	0.00096	0.00000482	0.00716	0.00104	0.0178	0.015	0.00000487	16.9	0.0000157	0.000223	0.000138	0.000931
2052 Jan	86.1	0.073	0.0354	0.00142	18.5	0.0398	20.2	0.00096	0.00096	0.00000482	0.00716	0.00104	0.0178	0.0151	0.00000487	16.9	0.0000157	0.000223	0.000138	0.000932
2052 Feb	86.2	0.073	0.0354	0.00142	18.5	0.0398	20.2	0.00096	0.00096	0.00000482	0.00716	0.00104	0.0178	0.0151	0.00000487	16.9	0.0000157	0.000224	0.000139	0.000933
2052 Mar	86.5	0.0733	0.0356	0.00142	18.6	0.0399	20.3	0.000963	0.000963	0.00000484	0.00718	0.00104	0.0179	0.0152	0.00000489	17	0.0000157	0.000225	0.00014	0.000936
2052 Apr	87	0.0737	0.0358	0.00143	18.7	0.0402	20.4	0.000969	0.000969	0.00000487	0.00723	0.00105	0.018	0.0153	0.00000492	17.1	0.0000158	0.000226	0.000141	0.000942
2052 May	90.4	0.0791	0.0356	0.00142	19.6	0.0406	21.3	0.000991	0.000991	0.00000498	0.00747	0.00115	0.0184	0.018	0.00000503	19.4	0.0000168	0.000254	0.000186	0.00101
2052 Jun	93.5	0.0551	0.0373	0.00141	19.9	0.0286	16.3	0.000997	0.000997	0.00000501	0.00688	0.00128	0.0147	0.0237	0.00000504	22	0.0000196	0.000307	0.00032	0.001
2052 Jul	86.2	0.0448	0.0338	0.00138	18.2	0.0309	16.6	0.00104	0.00104	0.00000523	0.00704	0.0013	0.0152	0.0223	0.00000527	21	0.0000193	0.000291	0.000287	0.001
2052 Aug	85.9	0.043	0.0327	0.00141	18	0.0346	17.8	0.00109	0.00109	0.00000547	0.00715	0.00135	0.0162	0.0222	0.00000551	21.2	0.0000185	0.000287	0.000273	0.00104
2052 Sep	84	0.0448	0.0317	0.00138	17.6	0.0372	19.3	0.00106	0.00106	0.00000531	0.00689	0.0013	0.0171	0.0205	0.00000536	20.3	0.0000164	0.00027	0.000237	0.00101
2052 Oct	86.6	0.0504	0.0331	0.00139	18.2	0.0391	21.3	0.00105	0.00105	0.00000527	0.00696	0.00128	0.0182	0.0198	0.00000531	20.4	0.000016	0.000267	0.000222	0.00102
2052 Nov	87.4	0.0511	0.0335	0.00141	18.4	0.0395	21.5	0.00106	0.00106	0.00000531	0.00702	0.00129	0.0184	0.02	0.00000536	20.5	0.0000161	0.000269	0.000224	0.00103
2052 Dec	87.6	0.0513	0.0336	0.00141	18.4	0.0395	21.6	0.00106	0.00106	0.00000531	0.00703	0.00129	0.0184	0.02	0.00000536	20.6	0.0000162	0.000269	0.000224	0.00103
2053 Jan	87.7	0.0514	0.0337	0.00141	18.4	0.0395	21.6	0.00106	0.00106	0.00000532	0.00704	0.00129	0.0184	0.02	0.00000537	20.6	0.0000162	0.000269	0.000224	0.00103
2053 Feb	87.9	0.0515	0.0338	0.00141	18.5	0.0396	21.6	0.00106	0.00106	0.00000532	0.00704	0.00129	0.0184	0.0201	0.00000537	20.6	0.0000162	0.00027	0.000225	0.00103
2053 Mar	88.2	0.0517	0.0339	0.00142	18.5	0.0397	21.7	0.00106	0.00106	0.00000534	0.00707	0.0013	0.0185	0.0201	0.00000539	20.7	0.0000163	0.000271	0.000226	0.00104
2053 Apr	89.3	0.0523	0.0343	0.00143	18.8	0.0402	22	0.00108	0.00108	0.00000541	0.00715	0.00132	0.0187	0.0204	0.00000546	21	0.0000164	0.000274	0.000229	0.00105
2053 May	118	0.0616	0.049	0.00158	24.2	0.0392	33	0.00106	0.00106	0.00000531	0.00719	0.00148	0.023	0.0253	0.00000539	27	0.0000191	0.000349	0.000335	0.00118
2053 Jun	95.5	0.0442	0.038	0.00137	19.5	0.025	17.2	0.000941	0.000941	0.00000473	0.00617	0.00123	0.0143	0.0235	0.00000477	21.9	0.0000188	0.000305	0.000335	0.000965
2053 Jul	97.7	0.0439	0.0373	0.00147	19.6	0.0273	16.8	0.00107	0.00107	0.00000535	0.00708	0.00132	0.0153	0.0245	0.00000539	22.7	0.0000215	0.000325	0.000341	0.00103
2053 Aug	106	0.0482	0.0392	0.0016	21.2	0.0312	18.6	0.00119	0.00119	0.00000598	0.00793	0.00148	0.0171	0.0271	0.00000602	25.1	0.0000237	0.00036	0.000372	0.00114
2053 Sep	113	0.0522	0.0414	0.00171	22.6	0.034	20.1	0.00128	0.00128	0.00000644	0.00856	0.0016	0.0186	0.0291	0.00000648	27	0.0000254	0.000387	0.000396	0.00123
2053 Oct	117	0.0537	0.0434	0.00174	23.2	0.0353	23.4	0.00128	0.00128	0.00000645	0.00865	0.00161	0.0202	0.029	0.0000065	27.7	0.0000257	0.000394	0.000394	0.00125
2053 Nov	120	0.0539	0.0448	0.00173	23.5	0.036	26.3	0.00126	0.00126	0.00000634	0.00857	0.0016	0.0215	0.0284	0.0000064	27.9	0.0000255	0.000394	0.000386	0.00124
2053 Dec	120	0.054	0.0449	0.00173	23.5	0.036	26.3	0.00126	0.00126	0.00000635	0.00858	0.0016	0.0215	0.0284	0.00000641	27.9	0.0000255	0.000395	0.000386	0.00124
2054 Jan	120	0.054	0.0449	0.00173	23.5	0.036	26.3	0.00126	0.00126	0.00000635	0.00858	0.0016	0.0215	0.0284	0.00000641	27.9	0.0000256	0.000395	0.000386	0.00124
2054 Feb	120	0.0541	0.0449	0.00173	23.5	0.036	26.3	0.00126	0.00126	0.00000635	0.00858	0.0016	0.0215	0.0285	0.00000641	27.9	0.0000256	0.000395	0.000387	0.00124
2054 Mar	120	0.0541	0.0449	0.00173	23.5	0.036	26.3	0.00126	0.00126	0.00000635	0.00858	0.0016	0.0215	0.0285	0.00000641	27.9	0.0000256	0.000395	0.000387	0.00124
2054 Apr	121	0.0547	0.0453	0.00175	23.7	0.0364	26.6	0.00128	0.00128	0.00000642	0.00867	0.00162	0.0217	0.0288	0.00000648	28.2	0.0000258	0.000399	0.000391	0.00126
2054 May	130	0.0575	0.0493	0.00179	25.1	0.0378	31.6	0.00127	0.00127	0.0000064	0.00873	0.00166	0.024	0.0295	0.00000647	29.9	0.0000263	0.000417	0.000405	0.0013
2054 Jun	94.3	0.0423	0.0374	0.00132	18.8	0.0255	21.6	0.000958	0.000958	0.00000481	0.0068	0.00128	0.0169	0.0233	0.00000486	22.9	0.0000215	0.000327	0.000329	0.000963
2054 Jul	75.8	0.029	0.0279	0.00127	14.5	0.0259	15.7	0.001	0.001	0.00000504	0.00705	0.00114	0.0151	0.0184	0.00000507	17.9	0.0000213	0.000273	0.000232	0.000858
2054 Aug	74.4	0.029	0.0262	0.00128	14.2	0.0303	16.8	0.00103	0.00103	0.00000515	0.00693	0.00115	0.0161	0.0176	0.00000519	17.6	0.000019	0.00026	0.000204	0.000874
2054 Sep	77.2	0.0338	0.0271	0.0013	14.9	0.0346	19.1	0.00103	0.00103	0.00000517	0.00683	0.00116	0.0177	0.0171	0.00000522	17.9	0.000017	0.000256	0.000184	0.000892
2054 Oct	80.5	0.0428	0.0285	0.0013	15.7	0.0369	21.4	0.001	0.001	0.00000503	0.00679	0.00114	0.0187	0.0166	0.00000508	18.1	0.000016	0.000252	0.000172	0.000905
2054 Nov	83	0.0477	0.0301	0.00132	16.3	0.0378	22.3	0.000998	0.000998	0.00000501	0.00685	0.00114	0.0191	0.0166	0.00000506	18.4	0.000016	0.000252	0.000171	0.000919
2054 Dec	83.5	0.0482	0.0305	0.00133	16.5	0.0379	22.4	0.001	0.001	0.00000502	0.00688	0.00114	0.0192	0.0167	0.00000507	18.4	0.0000161	0.000253	0.000172	0.000922
2055 Jan	83.7	0.0484	0.0306	0.00133	16.5	0.0379	22.4	0.001	0.001	0.00000502	0.00688	0.00115	0.0192	0.0167	0.00000507	18.5	0.0000161	0.000254	0.000173	0.000923
2055 Feb	83.9	0.0485	0.0307	0.00133	16.6	0.0378	22.4	0.001	0.001	0.00000502	0.00688	0.00115	0.0191	0.0168	0.00000507	18.5	0.0000161	0.000254	0.000174	0.000925
2055 Mar	84.1	0.0486	0.0308	0.00134	16.6	0.0379	22.4	0.001	0.001	0.00000502	0.00689	0.00115	0.0192	0.0168	0.00000508	18.6	0.0000161	0.000255	0.000175	0.000926
2055 Apr	84.8	0.049	0.0311	0.00135	16.8	0.0382	22.6	0.00101	0.00101	0.00000507	0.00694	0.00116	0.0193	0.017	0.00000512	18.8	0.0000163	0.000257	0.000177	0.000935
2055 May	88	0.0509	0.0322	0.0014	17.4	0.0396	23.5	0.00105	0.00105	0.00000525	0.0072	0.0012	0.02	0.0176	0.00000531	19.5	0.0000169	0.000267	0.000184	0.000969
2055 Jun	74.3	0.0272	0.0279	0.00131	13.3	0.0274	15.8	0.000965	0.000965	0.00000485	0.00668	0.000934	0.0155	0.0133	0.00000489	14.1	0.0000191	0.000223	0.000141	0.000765
2055 Jul	64.4	0.0189	0.0215	0.0013	11	0.0254	10.2	0.00104	0.00104	0.00000523	0.00722	0.000934	0.0136	0.0129	0.00000525	12.6	0.0000213	0.000219	0.000131	0.00074
2055 Aug	64.6	0.0195	0.0202	0.00135	11.1	0.0282	10.1	0.00113	0.00113	0.00000566	0.0078	0.00103	0.0143	0.0139	0.00000568	13.5	0.0000224	0.000232	0.000136	0.000797
2055 Sep	57.6	0.0224	0.0159	0.00124	10.2	0.0302	9.48	0.00109	0.00109	0.00000546	0.00748	0.00103	0.014	0.0137	0.00000548	13.3	0.0000199	0.000221	0.000124	0.000783
2055 Oct	58.4	0.0257	0.0157	0.00123	10.5	0.0315	10.2	0.00109	0.00109	0.00000548	0.00754	0.00104	0.0144	0.0139	0.0000055	13.7	0.0000196	0.000223	0.000124	0.0008
2055 Nov	58.9	0.0268	0.0157	0.00124	10.6	0.0319	10.4	0.0011	0.0011	0.0000055	0.00758	0.00105	0.0146	0.014	0.00000552	13.8	0.0000196	0.000224	0.000125	0.000806
2055 Dec	58.9	0.027	0.0157	0.00124	10.6	0.032	10.4	0.0011	0.0011	0.0000055	0.00758	0.00105	0.0146	0.014	0.00000552	13.8	0.0000196	0.000224	0.000125	0.000808
2056 Jan	59	0.0272	0.0157	0.00124	10.6	0.032	10.4	0.0011	0.0011	0.0000055	0.00759	0.00105	0.0146	0.0141	0.00000552	13.9	0.0000196	0.000224	0.000125	0.000809
2056 Feb	59.1	0.0273	0.0157	0.00124	10.6	0.032	10.5	0.0011	0.0011	0.00000551	0.00759	0.00105	0.0146	0.0141	0.00000553	13.9	0.0000196	0.000225	0.000126	0.00081
2056 Mar	59.2	0.0273	0.0158	0.00124	10.7	0.0321	10.5	0.0011	0.0011	0.00000551	0.0076	0.00106	0.0146	0.0142	0.00000553	13.9	0.0000196	0.000225	0.000127	0.000811
2056 Apr	59.8	0.0276	0.0159	0.00125	10.8	0.0324	10.6	0.00111	0.00111	0.00000557	0.00767	0.00107	0.0148	0.0143	0.00000559	14.1	0.0000198	0.000228	0.000129	0.00082
2056 May	72.2	0.0372	0.0212	0.00128	13.8	0.0322	13.6	0.00111	0.00111	0.00000554	0.00763	0.00122	0.0155	0.019	0.00000557	18.2	0.0000204	0.000273	0.000215	0.000923
2056 Jun	89.5	0.048	0.03	0.00124	18.4	0.0239	13.5	0.000967	0.000967	0.00000485	0.00639	0.00135	0.0125	0.0272	0.00000488	23.9	0.0000195	0.000333	0.000395	0.00102
2056 Jul	90.4	0.0478	0.0283	0.00132	18.5	0.0266	12.9	0.00109	0.00109	0.00000546	0.00724	0.00146	0.0133	0.0285	0.00000548	24.8	0.0000217	0.000351	0.000404	0.00109
2056 Aug	83.3	0.0437	0.0242	0.00128	16.9	0.0297	12.9	0.00112	0.00112	0.00000559	0.00732	0.00146	0.0138	0.0269	0.00000561	23.7	0.0000206	0.000333	0.000364	0.00107
2056 Sep	86.3	0.0466	0.0245	0.00133	17.4	0.0326	14.3	0.00117	0.00117	0.00000584	0.00766	0.00151	0.0151	0.0273	0.00000586	24.4	0.000021	0.000341	0.000362	0.00112

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	86.2	0.0508	0.0248	0.00128	16.9	0.0349	18.8	0.00108	0.00108	0.00000544	0.00733	0.00139	0.017	0.024	0.00000548	23	0.000019	0.000313	0.000303	0.00107
2056 Nov	87.9	0.0536	0.0259	0.00129	17.1	0.036	20.4	0.00107	0.00107	0.00000538	0.00734	0.00137	0.0177	0.0233	0.00000542	22.8	0.0000188	0.000309	0.00029	0.00107
2056 Dec	88.2	0.0538	0.0261	0.00129	17.2	0.0361	20.4	0.00107	0.00107	0.00000538	0.00735	0.00137	0.0178	0.0233	0.00000543	22.9	0.0000188	0.000309	0.00029	0.00107
2057 Jan	88.3	0.0539	0.0262	0.00129	17.2	0.0361	20.5	0.00107	0.00107	0.00000539	0.00735	0.00137	0.0178	0.0233	0.00000543	22.9	0.0000188	0.000309	0.00029	0.00107
2057 Feb	88.4	0.0539	0.0262	0.00129	17.2	0.0361	20.5	0.00107	0.00107	0.00000539	0.00735	0.00138	0.0178	0.0233	0.00000543	22.9	0.0000188	0.00031	0.000291	0.00107
2057 Mar	88.7	0.0541	0.0263	0.0013	17.3	0.0362	20.6	0.00108	0.00108	0.0000054	0.00737	0.00138	0.0178	0.0234	0.00000544	23	0.0000188	0.000311	0.000292	0.00107
2057 Apr	89.6	0.0547	0.0266	0.00131	17.4	0.0366	20.8	0.00109	0.00109	0.00000546	0.00745	0.00139	0.018	0.0237	0.0000055	23.2	0.000019	0.000314	0.000295	0.00108
2057 May	95	0.0585	0.028	0.00136	18.4	0.0382	22.8	0.00112	0.00112	0.00000563	0.00773	0.00146	0.0192	0.0249	0.00000568	24.6	0.0000198	0.000331	0.000312	0.00114
2057 Jun	75.8	0.0323	0.0255	0.00123	14.1	0.0246	13.7	0.000966	0.000966	0.00000485	0.00668	0.00109	0.0138	0.0184	0.00000488	17.4	0.00002	0.000264	0.000237	0.00084
2057 Jul	67.4	0.026	0.0203	0.00125	12.1	0.0254	10.6	0.00106	0.00106	0.0000053	0.00741	0.00109	0.0135	0.0171	0.00000532	15.9	0.0000221	0.000258	0.000203	0.000824
2057 Aug	79.3	0.0308	0.0235	0.00148	14.2	0.0307	12.5	0.00126	0.00126	0.00000633	0.00881	0.0013	0.0161	0.0203	0.00000635	18.9	0.000026	0.000305	0.000238	0.000983
2057 Sep	80.5	0.0325	0.0232	0.00149	14.4	0.0327	13.7	0.00129	0.00129	0.00000646	0.009	0.00133	0.017	0.0205	0.00000649	19.4	0.0000261	0.00031	0.000236	0.00101
2057 Oct	81.7	0.035	0.0228	0.00142	14.1	0.0339	17.7	0.00122	0.00122	0.00000613	0.00865	0.00129	0.0184	0.0193	0.00000617	19.3	0.0000247	0.0003	0.000217	0.000991
2057 Nov	82.3	0.0365	0.0228	0.00142	14.2	0.0344	18.3	0.00122	0.00122	0.00000611	0.00866	0.00129	0.0187	0.0192	0.00000615	19.4	0.0000245	0.0003	0.000215	0.000996
2057 Dec	82.3	0.0367	0.0228	0.00142	14.2	0.0345	18.3	0.00122	0.00122	0.00000612	0.00867	0.00129	0.0187	0.0192	0.00000616	19.4	0.0000245	0.0003	0.000215	0.000997
2058 Jan	82.3	0.0368	0.0228	0.00142	14.2	0.0345	18.3	0.00122	0.00122	0.00000612	0.00867	0.00129	0.0187	0.0192	0.00000616	19.4	0.0000245	0.000301	0.000215	0.000997
2058 Feb	82.4	0.0369	0.0228	0.00142	14.2	0.0345	18.3	0.00122	0.00122	0.00000612	0.00867	0.00129	0.0187	0.0193	0.00000616	19.5	0.0000245	0.000301	0.000216	0.000998
2058 Mar	82.5	0.0369	0.0228	0.00142	14.2	0.0345	18.3	0.00122	0.00122	0.00000612	0.00868	0.00129	0.0187	0.0193	0.00000616	19.5	0.0000246	0.000301	0.000216	0.000999
2058 Apr	83	0.0372	0.023	0.00143	14.3	0.0347	18.4	0.00123	0.00123	0.00000616	0.00873	0.0013	0.0189	0.0194	0.0000062	19.6	0.0000247	0.000303	0.000218	0.00101
2058 May	102	0.0456	0.0301	0.00146	17.6	0.0352	26.4	0.0012	0.0012	0.00000601	0.0085	0.00144	0.0217	0.0237	0.00000606	24.5	0.0000251	0.000354	0.000304	0.00112
2058 Jun	90.3	0.0431	0.0291	0.00122	17.4	0.0234	15.4	0.000938	0.000938	0.00000471	0.00615	0.00127	0.0133	0.0251	0.00000474	22.6	0.0000192	0.000317	0.000364	0.000975
2058 Jul	92.4	0.0408	0.0297	0.00136	17.4	0.026	15.1	0.00105	0.00105	0.00000529	0.00696	0.00131	0.0143	0.0246	0.00000532	22.3	0.0000214	0.000321	0.000344	0.00101
2058 Aug	95.7	0.0428	0.0296	0.00144	18.1	0.0289	15.8	0.00115	0.00115	0.00000579	0.00764	0.00142	0.0155	0.0263	0.00000582	23.8	0.000023	0.000344	0.000362	0.00109
2058 Sep	87.9	0.0443	0.0248	0.00131	16.3	0.0308	17.3	0.0011	0.0011	0.00000553	0.0075	0.00136	0.0163	0.024	0.00000557	22.6	0.0000215	0.000323	0.000315	0.00104
2058 Oct	87.9	0.0503	0.0237	0.00126	15.9	0.0335	20.9	0.00106	0.00106	0.00000534	0.0075	0.00132	0.018	0.0223	0.00000538	22.2	0.0000206	0.000311	0.000282	0.00103
2058 Nov	89	0.0517	0.0239	0.00127	16	0.0341	21.7	0.00107	0.00107	0.00000536	0.00756	0.00132	0.0184	0.0223	0.0000054	22.4	0.0000207	0.000312	0.00028	0.00104
2058 Dec	89.2	0.0518	0.024	0.00127	16.1	0.0342	21.7	0.00107	0.00107	0.00000536	0.00757	0.00132	0.0184	0.0223	0.00000541	22.4	0.0000207	0.000312	0.00028	0.00104
2059 Jan	89.3	0.0519	0.0241	0.00127	16.1	0.0342	21.8	0.00107	0.00107	0.00000536	0.00757	0.00132	0.0184	0.0223	0.00000541	22.4	0.0000207	0.000313	0.000281	0.00104
2059 Feb	89.3	0.0519	0.0241	0.00127	16.1	0.0342	21.8	0.00107	0.00107	0.00000536	0.00757	0.00132	0.0185	0.0223	0.00000541	22.4	0.0000207	0.000313	0.000281	0.00104
2059 Mar	89.4	0.052	0.0241	0.00127	16.1	0.0342	21.8	0.00107	0.00107	0.00000536	0.00757	0.00132	0.0185	0.0223	0.00000541	22.4	0.0000207	0.000313	0.000281	0.00104
2059 Apr	90.1	0.0524	0.0243	0.00128	16.2	0.0344	22	0.00108	0.00108	0.0000054	0.00762	0.00133	0.0186	0.0225	0.00000545	22.6	0.0000209	0.000315	0.000284	0.00105
2059 May	99.7	0.0576	0.0276	0.00131	18	0.0351	25.6	0.00109	0.00109	0.00000545	0.00772	0.00143	0.0201	0.0251	0.00000551	25.3	0.0000217	0.000347	0.000331	0.00112
2059 Jun	110	0.0615	0.0337	0.00127	21.3	0.0284	25.2	0.00102	0.00102	0.00000511	0.00714	0.00161	0.0181	0.0323	0.00000516	30.4	0.0000224	0.000409	0.000481	0.0012
2059 Jul	126	0.0704	0.038	0.00148	24.4	0.0333	28.4	0.00121	0.00121	0.00000606	0.00848	0.00188	0.0209	0.0375	0.00000612	35.1	0.0000265	0.000475	0.000555	0.0014
2059 Aug	143	0.08	0.043	0.0017	27.7	0.0386	32.1	0.00139	0.00139	0.00000698	0.00971	0.00215	0.0238	0.0427	0.00000704	40	0.0000301	0.00054	0.000629	0.0016
2059 Sep	131	0.0775	0.0374	0.00159	25.2	0.0389	30.2	0.00133	0.00133	0.00000669	0.0094	0.00199	0.023	0.0387	0.00000675	36.6	0.0000281	0.000496	0.000555	0.0015
2059 Oct	99.5	0.0798	0.0257	0.00125	18.2	0.0399	28.1	0.00103	0.00103	0.00000518	0.00794	0.00139	0.0212	0.0238	0.00000524	25.1	0.0000202	0.00033	0.000296	0.00114
2059 Nov	98.8	0.0829	0.0256	0.00125	18.1	0.0409	28.4	0.00102	0.00102	0.00000513	0.00796	0.00135	0.0213	0.0228	0.00000519	24.5	0.0000198	0.000319	0.000276	0.00113
2059 Dec	99	0.083	0.0258	0.00125	18.2	0.041	28.4	0.00102	0.00102	0.00000513	0.00796	0.00135	0.0214	0.0228	0.00000519	24.5	0.0000198	0.000319	0.000276	0.00113
2060 Jan	99.2	0.083	0.0258	0.00125	18.2	0.041	28.5	0.00102	0.00102	0.00000513	0.00797	0.00135	0.0214	0.0228	0.0000052	24.5	0.0000198	0.000319	0.000276	0.00114
2060 Feb	99.3	0.0831	0.0259	0.00125	18.2	0.041	28.5	0.00102	0.00102	0.00000513	0.00797	0.00136	0.0214	0.0229	0.0000052	24.6	0.0000198	0.00032	0.000277	0.00114
2060 Mar	99.5	0.0832	0.0259	0.00126	18.3	0.041	28.5	0.00102	0.00102	0.00000514	0.00798	0.00136	0.0214	0.0229	0.0000052	24.6	0.0000199	0.00032	0.000278	0.00114
2060 Apr	101	0.0841	0.0262	0.00127	18.5	0.0415	28.8	0.00103	0.00103	0.0000052	0.00806	0.00137	0.0217	0.0232	0.00000526	24.9	0.0000201	0.000324	0.000281	0.00115
2060 May	109	0.082	0.0292	0.00127	20.3	0.0379	29.5	0.00103	0.00103	0.00000519	0.00781	0.00152	0.0212	0.0282	0.00000525	28.6	0.0000211	0.000372	0.000382	0.00122
2060 Jun	97.7	0.0535	0.0299	0.00125	19.2	0.0254	16.9	0.000988	0.000988	0.00000496	0.00659	0.00143	0.0141	0.0289	0.00000499	26	0.0000203	0.000355	0.000425	0.00108
2060 Jul	110	0.0587	0.0332	0.00146	21.4	0.0298	18.4	0.00117	0.00117	0.00000588	0.00782	0.00163	0.0162	0.0325	0.00000592	29.1	0.0000239	0.000403	0.000472	0.00124
2060 Aug	102	0.0561	0.0291	0.00141	20	0.0326	18.2	0.00118	0.00118	0.00000592	0.00782	0.0016	0.0167	0.0306	0.00000595	27.8	0.0000224	0.000385	0.000426	0.0012
2060 Sep	81.8	0.0517	0.0209	0.00117	15.5	0.0377	19.9	0.001	0.001	0.00000504	0.00659	0.00127	0.0182	0.0209	0.00000508	21.3	0.0000146	0.000289	0.000243	0.000969
2060 Oct	83.6	0.0607	0.0204	0.00116	15.5	0.04	22.3	0.00099	0.00099	0.00000497	0.0068	0.00124	0.0193	0.0199	0.00000502	21.1	0.0000146	0.000282	0.000221	0.000985
2060 Nov	86.1	0.0644	0.021	0.00117	15.8	0.0409	24	0.000986	0.000986	0.00000495	0.00691	0.00123	0.02	0.0197	0.000005	21.4	0.000015	0.000282	0.000218	0.000999
2060 Dec	86.5	0.0647	0.0212	0.00117	15.9	0.0409	24.1	0.000988	0.000988	0.00000496	0.00693	0.00124	0.0201	0.0197	0.00000501	21.4	0.000015	0.000283	0.000218	0.001
2061 Jan	86.6	0.0648	0.0213	0.00118	15.9	0.0409	24.1	0.000988	0.000988	0.00000496	0.00693	0.00124	0.0201	0.0198	0.00000501	21.5	0.000015	0.000283	0.000219	0.001
2061 Feb	86.8	0.0648	0.0213	0.00118	15.9	0.0409	24.1	0.000988	0.000988	0.00000496	0.00693	0.00124	0.0201	0.0198	0.00000501	21.5	0.0000151	0.000284	0.00022	0.001
2061 Mar	86.9	0.0649	0.0214	0.00118	16	0.0409	24.1	0.000989	0.000989	0.00000496	0.00694	0.00124	0.0201	0.0199	0.00000502	21.5	0.0000151	0.000284	0.000221	0.00101
2061 Apr	87.8	0.0656	0.0216	0.00119	16.1	0.0413	24.4	0.000999	0.000999	0.00000502	0.00701	0.00126	0.0203	0.0201	0.00000507	21.8	0.0000152	0.000288	0.000224	0.00102
2061 May	101	0.0676	0.0265	0.00123	18.8	0.0373	26.1	0.00102	0.00102	0.00000511	0.00705	0.00144	0.02	0.0262	0.00000516	26.5	0.0000179	0.000348	0.000348	0.00113
2061 Jun	94.8	0.0486	0.0281	0.00122	18	0.025	16.6	0.000963	0.000963	0.00000483	0.0063	0.00135	0.0139	0.027	0.00000487	24.4	0.0000193	0.000335	0.000395	0.00104
2061 Jul	104	0.0524	0.0301	0.00139	19.6	0.029	18.5	0.00113	0.00113	0.00000566	0.0075	0.00154	0.0161	0.0301	0.0000057	27.2	0.0000229	0.00038	0.000433	0.00117
2061 Aug	115	0.0581	0.0329	0.00156	21.8	0.0332	20.5	0.00128	0.00128	0.00000642	0.00849	0.00173	0.0181	0.0337	0.00000646	30.4	0.0000256	0.000424	0.00048	0.00132
2061 Sep	110	0.0567	0.0301	0.0015	20.6	0.0342	20.9	0.00127	0.00127	0.00000636	0.00846	0.0017	0.0185	0.0323	0.0000064	29.6	0.000025	0.000413	0.000452	0.00129
2061 Oct	101	0.0615	0.0247	0.00127	17.3	0.0371	28.2	0.00107	0.00107	0.00000538	0.0077	0.00142	0.0212	0.0245	0.00000544	25.5	0.0000211	0.000343	0.000319	0.00114
2061 Nov	103	0.0669	0.0255	0.00126	17.3	0.0391	31.5	0.00103	0.00103	0.00000519	0.00765	0.00136	0.0227	0.0227	0.00000526	24.9	0.0000203	0.000329	0.000286	0.00113
2061 Dec	104	0.0672	0.0256	0.00126	17.3	0.0392	31.6	0.00103	0.00103	0.00000519	0.00766	0.00136	0.0227	0.0227	0.00000526	24.9	0.0000203	0.000329	0.000286	0.00113
2062 Jan	104	0.0673	0.0257	0.00126	17.3	0.0392	31.6	0.00103	0.00103	0.00000519	0.00766	0.00136	0.0227	0.0228	0.00000527	25	0.0000203	0.000329	0.000286	0.00113
2062 Feb	104	0.0673	0.0257	0.00126	17.4	0.0392	31.7	0.00103	0.00103	0.0000052	0.00767	0.00136	0.0227	0.0228	0.00000527	25	0.0000203	0.00033	0.000287	0.00113
2062 Mar	104	0.0676	0.0258	0.00127	17.4	0.0394	31.7	0.00104	0.00104	0.00000521	0.00769	0.00137	0.0228	0.0229	0.00000528	25.1	0.0000204	0.000331	0.000288	0.00113
2062 Apr	105	0.0683	0.0261	0.00128	17.6	0.0398	32.1	0.00105	0.00105	0.00000527	0.00777	0.00138	0.023	0.0232	0.00000534	25.4	0.0000206	0.000335	0.000292	0.00115
2062 May	109	0.0705	0.0269	0.00132	18.2	0.041	33.1	0.00108	0.00108	0.00000544	0.00802	0.00143	0.0238	0.0239	0.00000551	26.2	0.0000213	0.000345	0.000301	0.00118
2062 Jun	79.1	0.0369	0.0211	0.00121	12.8	0.0293	19.4	0.000995	0.000995	0.000005	0.00716	0.00108	0.0171	0.0168	0.00000504	17.6	0.0000207	0.000263	0.000199	0.000871
2062 Jul	61.5	0.0205	0.0159	0.0012	9.83	0.0252	10.3	0.00104	0.00104	0.00000522	0.00736	0.000978	0.0136	0.014	0.00000525	13.5	0.0000219	0.000231	0.000149	0.000757
2062 Aug	57.6	0.0198	0.0132	0.00115	9.28	0.0293	11.5	0.00105	0.00105	0.00000525	0.00716	0.00102	0.0144	0.0137	0.00000527	13.6	0.0000193	0.00022	0.000131	0.000776
2062 Sep	66.2	0.0354	0.0147	0.00113	10.8	0.0347	17.3	0.000997	0.000997	0.000005	0.00688	0.00104	0.0169	0.0141	0.00000504	15.4	0.0000166	0.000224	0.00013	0.00083
2062 Oct	84.3	0.0736	0.019	0.00118	14.5	0.0404	23.1	0.000953	0.000953	0.00000479	0.00718	0.00108	0.0189	0.0164	0.00000484	18.5	0.000016	0.00024	0.000165	0.000977
2062 Nov	85.2	0.0769	0.0188	0.00118	14.7	0.0414	23.6	0.000961	0.000961	0.00000483	0.00732	0.00109	0.0192	0.0165	0.00000488	18.8	0.0000162	0.000242	0.000164	0.000993
2062 Dec	85.4	0.077	0.0189	0.00119	14.7	0.0414	23.7	0.000963	0.000963	0.00000484	0.00733	0.0011	0.0193	0.0166	0.00000489	18.8	0.0000162	0.000242	0.000164	0.000994
2063 Jan	85.5	0.077	0.019	0.00119	14.7	0.0414	23.7	0.000963	0.000963	0.00000484	0.00733	0.0011	0.0193	0.0166	0.00000489	18.8	0.0000162	0.000243	0.000165	0.000995
2063 Feb	85.6	0.0771	0.019	0.00119	14.7	0.0414	23.7	0.000963	0.000963	0.00000484	0.00733	0.0011	0.0193	0.0167	0.00000489	18.9	0.0000163	0.000243	0.000166	0.000996

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	85.7	0.0771	0.0191	0.00119	14.8	0.0414	23.7	0.000964	0.000964	0.00000485	0.00734	0.0011	0.0193	0.0167	0.0000049	18.9	0.0000163	0.000243	0.000166	0.000997
2063 Apr	86.3	0.0776	0.0192	0.0012	14.9	0.0417	23.9	0.00097	0.00097	0.00000487	0.00738	0.00111	0.0194	0.0168	0.00000493	19	0.0000164	0.000245	0.000168	0.001
2063 May	90.9	0.078	0.0209	0.00121	16.2	0.0399	23.3	0.000994	0.000994	0.000005	0.00744	0.00123	0.0189	0.0205	0.00000505	21.6	0.0000175	0.00028	0.000236	0.00106
2063 Jun	74	0.0349	0.021	0.00113	13.5	0.0226	11.1	0.000918	0.000918	0.00000461	0.00614	0.00109	0.0118	0.0201	0.00000463	18	0.0000185	0.000265	0.000273	0.000847
2063 Jul	68.5	0.0282	0.0186	0.00119	12	0.0238	9.77	0.00101	0.00101	0.00000505	0.0069	0.00107	0.0124	0.0181	0.00000506	16.3	0.0000207	0.000257	0.000227	0.000824
2063 Aug	75.8	0.0315	0.02	0.00133	13.3	0.0277	11	0.00115	0.00115	0.00000574	0.00784	0.00122	0.0141	0.0203	0.00000576	18.4	0.0000232	0.000289	0.000251	0.000933
2063 Sep	72	0.0323	0.0169	0.00124	12.3	0.0305	13.6	0.00111	0.00111	0.00000557	0.00764	0.0012	0.0156	0.0188	0.00000559	18	0.0000213	0.000278	0.000219	0.000909
2063 Oct	76.4	0.0409	0.0165	0.00117	12.2	0.0337	20.1	0.00104	0.00104	0.00000521	0.00739	0.00115	0.0182	0.0174	0.00000526	18.5	0.0000197	0.00027	0.000194	0.000914
2063 Nov	78.6	0.0442	0.017	0.00117	12.5	0.0348	21.6	0.00103	0.00103	0.00000519	0.00743	0.00116	0.0189	0.0174	0.00000524	18.8	0.0000196	0.000271	0.000191	0.000928
2063 Dec	78.9	0.0446	0.0171	0.00118	12.6	0.0349	21.7	0.00104	0.00104	0.0000052	0.00745	0.00116	0.019	0.0174	0.00000524	18.8	0.0000196	0.000272	0.000192	0.00093
2064 Jan	79.1	0.0447	0.0172	0.00118	12.6	0.0349	21.8	0.00104	0.00104	0.0000052	0.00745	0.00116	0.019	0.0174	0.00000524	18.9	0.0000196	0.000272	0.000192	0.000932
2064 Feb	79.2	0.0448	0.0173	0.00118	12.7	0.0349	21.8	0.00104	0.00104	0.0000052	0.00745	0.00116	0.019	0.0175	0.00000525	18.9	0.0000196	0.000272	0.000193	0.000933
2064 Mar	79.5	0.045	0.0173	0.00118	12.7	0.0351	21.9	0.00104	0.00104	0.00000522	0.00748	0.00117	0.0191	0.0176	0.00000527	19	0.0000197	0.000274	0.000194	0.000937
2064 Apr	80.1	0.0453	0.0175	0.00119	12.8	0.0353	22	0.00105	0.00105	0.00000525	0.00753	0.00118	0.0192	0.0177	0.0000053	19.1	0.0000198	0.000275	0.000196	0.000943
2064 May	92.1	0.0512	0.0213	0.00121	15.3	0.0339	24.5	0.00104	0.00104	0.00000522	0.00738	0.00132	0.0195	0.0225	0.00000528	23.1	0.0000205	0.000321	0.000289	0.00104
2064 Jun	92.2	0.0496	0.0248	0.00115	17.5	0.0239	15.4	0.000953	0.000953	0.00000479	0.00625	0.00139	0.0131	0.0285	0.00000481	25.3	0.0000194	0.000346	0.000422	0.00105
2064 Jul	91.3	0.0488	0.0234	0.0012	17.4	0.0261	15.3	0.00105	0.00105	0.00000528	0.00703	0.00149	0.0139	0.0295	0.00000531	26.1	0.0000215	0.000362	0.000427	0.0011
2064 Aug	85.9	0.0442	0.0206	0.00119	16.1	0.0293	15.7	0.00109	0.00109	0.00000544	0.00715	0.00148	0.0147	0.0277	0.00000547	24.8	0.0000206	0.000343	0.000383	0.00109
2064 Sep	84.7	0.0443	0.0181	0.00113	14.3	0.0361	23.1	0.00101	0.00101	0.00000508	0.00663	0.00131	0.0188	0.0218	0.00000513	22.3	0.0000164	0.000298	0.000271	0.00102
2064 Oct	89.3	0.0493	0.0183	0.00115	14.6	0.0387	26.7	0.00102	0.00102	0.00000512	0.00682	0.00132	0.0207	0.0214	0.00000518	22.8	0.0000165	0.000301	0.000258	0.00104
2064 Nov	90.1	0.05	0.0185	0.00116	14.7	0.0392	26.9	0.00103	0.00103	0.00000518	0.00689	0.00133	0.0209	0.0216	0.00000523	23	0.0000167	0.000304	0.00026	0.00105
2064 Dec	90.2	0.0501	0.0185	0.00116	14.7	0.0392	27	0.00103	0.00103	0.00000518	0.0069	0.00133	0.0209	0.0216	0.00000524	23.1	0.0000167	0.000304	0.000261	0.00106
2065 Jan	90.3	0.0501	0.0185	0.00116	14.7	0.0392	27	0.00103	0.00103	0.00000518	0.0069	0.00133	0.0209	0.0216	0.00000524	23.1	0.0000167	0.000304	0.000261	0.00106
2065 Feb	90.4	0.0502	0.0185	0.00116	14.8	0.0392	27	0.00103	0.00103	0.00000518	0.00691	0.00133	0.0209	0.0216	0.00000524	23.1	0.0000167	0.000304	0.000261	0.00106
2065 Mar	90.8	0.0504	0.0186	0.00116	14.8	0.0394	27.1	0.00104	0.00104	0.0000052	0.00693	0.00134	0.021	0.0217	0.00000526	23.2	0.0000168	0.000306	0.000263	0.00106
2065 Apr	91.8	0.051	0.0188	0.00118	15	0.0398	27.4	0.00105	0.00105	0.00000526	0.00701	0.00136	0.0212	0.022	0.00000533	23.5	0.000017	0.000309	0.000266	0.00107
2065 May	114	0.0591	0.0232	0.0012	17.4	0.0408	38.3	0.00104	0.00104	0.00000524	0.00717	0.0015	0.0257	0.0258	0.00000532	28.6	0.0000192	0.00037	0.000345	0.0012
2065 Jun	90.6	0.044	0.0237	0.00117	16	0.0255	18	0.000954	0.000954	0.00000479	0.00634	0.00128	0.0148	0.0248	0.00000483	23.1	0.0000194	0.000321	0.000355	0.000996
2065 Jul	99.5	0.0465	0.0257	0.00137	17.5	0.0297	18.6	0.00114	0.00114	0.00000574	0.00764	0.00145	0.0167	0.0273	0.00000578	25.2	0.0000232	0.000358	0.00038	0.00112
2065 Aug	107	0.0504	0.0268	0.00149	18.8	0.0339	20.5	0.00127	0.00127	0.00000638	0.00849	0.00161	0.0187	0.0296	0.00000642	27.5	0.0000252	0.000392	0.000406	0.00123
2065 Sep	93.1	0.0548	0.0195	0.00122	15.2	0.0363	24.9	0.00108	0.00108	0.00000543	0.00768	0.00136	0.0202	0.0229	0.00000548	23.6	0.0000208	0.000326	0.000288	0.00108
2065 Oct	91.3	0.079	0.0168	0.0011	14.5	0.0416	29.7	0.000951	0.000951	0.00000478	0.00751	0.00119	0.0218	0.0186	0.00000485	21.6	0.0000177	0.000277	0.000204	0.00105
2065 Nov	91.8	0.0828	0.0165	0.00111	14.6	0.0428	29.9	0.000955	0.000955	0.0000048	0.00761	0.00118	0.022	0.0184	0.00000487	21.6	0.0000176	0.000275	0.000198	0.00106
2065 Dec	91.9	0.0829	0.0166	0.00111	14.6	0.0428	29.9	0.000956	0.000956	0.00000481	0.00762	0.00119	0.022	0.0184	0.00000487	21.6	0.0000177	0.000275	0.000198	0.00106
2066 Jan	92.1	0.0829	0.0166	0.00111	14.7	0.0428	29.9	0.000957	0.000957	0.00000481	0.00762	0.00119	0.022	0.0185	0.00000488	21.6	0.0000177	0.000276	0.000199	0.00106
2066 Feb	92.2	0.083	0.0167	0.00111	14.7	0.0428	29.9	0.000958	0.000958	0.00000482	0.00763	0.00119	0.022	0.0185	0.00000488	21.7	0.0000177	0.000276	0.0002	0.00106
2066 Mar	92.8	0.0836	0.0168	0.00112	14.8	0.043	30.1	0.000964	0.000964	0.00000485	0.00767	0.0012	0.0222	0.0187	0.00000491	21.8	0.0000178	0.000278	0.000202	0.00107
2066 Apr	93.6	0.0842	0.0169	0.00113	14.9	0.0434	30.3	0.000971	0.000971	0.00000488	0.00773	0.00121	0.0223	0.0188	0.00000495	22	0.0000179	0.00028	0.000203	0.00108
2066 May	96.5	0.0869	0.0175	0.00116	15.5	0.0444	31	0.001	0.001	0.00000503	0.00796	0.00126	0.0229	0.0198	0.0000051	22.9	0.0000186	0.000292	0.000217	0.00112
2066 Jun	70.5	0.0324	0.0176	0.00113	11.7	0.0249	12.8	0.000954	0.000954	0.00000479	0.00664	0.00103	0.0135	0.0172	0.00000481	16.3	0.0000196	0.00025	0.000214	0.000817
2066 Jul	72	0.0291	0.0172	0.00131	11.7	0.0285	12	0.00115	0.00115	0.00000578	0.00811	0.00116	0.015	0.018	0.0000058	16.9	0.0000239	0.000275	0.000208	0.000898
2066 Aug	77.1	0.0306	0.0176	0.00141	12.5	0.0322	13.5	0.00127	0.00127	0.00000637	0.0089	0.00128	0.0168	0.0194	0.00000639	18.5	0.0000259	0.000298	0.000219	0.000985
2066 Sep	77.5	0.0355	0.0157	0.00132	12	0.0346	17.8	0.00121	0.00121	0.00000605	0.00858	0.00125	0.0184	0.0183	0.00000609	18.6	0.000024	0.000288	0.000198	0.000977
2066 Oct	81.9	0.0493	0.014	0.00117	11.7	0.0383	26.1	0.00107	0.00107	0.00000537	0.00799	0.00117	0.0214	0.0164	0.00000543	19.1	0.0000209	0.000272	0.000168	0.000974
2066 Nov	84.8	0.0541	0.0143	0.00116	12	0.0396	28.2	0.00105	0.00105	0.00000528	0.00796	0.00117	0.0222	0.0164	0.00000535	19.5	0.0000206	0.000273	0.000166	0.000989
2066 Dec	85.1	0.0544	0.0144	0.00117	12.1	0.0397	28.3	0.00105	0.00105	0.00000529	0.00798	0.00117	0.0223	0.0164	0.00000536	19.6	0.0000206	0.000273	0.000167	0.000992
2067 Jan	85.2	0.0545	0.0145	0.00117	12.1	0.0397	28.4	0.00105	0.00105	0.00000529	0.00798	0.00117	0.0223	0.0164	0.00000536	19.6	0.0000206	0.000274	0.000167	0.000993
2067 Feb	85.4	0.0546	0.0145	0.00117	12.1	0.0397	28.4	0.00106	0.00106	0.0000053	0.00799	0.00117	0.0223	0.0165	0.00000536	19.7	0.0000206	0.000274	0.000168	0.000995
2067 Mar	85.7	0.0548	0.0146	0.00117	12.2	0.0398	28.5	0.00106	0.00106	0.00000532	0.00801	0.00118	0.0224	0.0166	0.00000538	19.8	0.0000207	0.000275	0.000169	0.000999
2067 Apr	86.2	0.0552	0.0147	0.00118	12.3	0.0401	28.7	0.00106	0.00106	0.00000535	0.00806	0.00119	0.0225	0.0167	0.00000541	19.9	0.0000208	0.000277	0.000171	0.00101
2067 May	95.9	0.0625	0.0172	0.00118	14.5	0.0395	30.6	0.00107	0.00107	0.00000537	0.00804	0.00134	0.0229	0.0214	0.00000543	23.8	0.0000215	0.000322	0.000258	0.0011
2067 Jun	90	0.0523	0.0218	0.0011	16.5	0.0259	18.2	0.000973	0.000973	0.00000488	0.0068	0.00141	0.0149	0.0279	0.00000491	25.5	0.0000208	0.000352	0.000403	0.00106
2067 Jul	99	0.0562	0.0234	0.00127	18.1	0.03	19.5	0.00114	0.00114	0.00000573	0.00796	0.00161	0.0168	0.0312	0.00000576	28.4	0.0000241	0.000396	0.000444	0.0012
2067 Aug	92.6	0.0468	0.0201	0.00125	16.2	0.0334	20.8	0.00116	0.00116	0.0000058	0.0078	0.00156	0.0177	0.0281	0.00000584	26.3	0.0000223	0.00036	0.000381	0.00117
2067 Sep	92.8	0.0465	0.0187	0.00123	15.5	0.0363	23.9	0.00114	0.00114	0.00000572	0.00765	0.00151	0.0194	0.026	0.00000577	25.5	0.0000208	0.000345	0.000341	0.00115
2067 Oct	92.9	0.0576	0.0163	0.00113	14.1	0.0402	30.2	0.00102	0.00102	0.00000513	0.00727	0.00132	0.022	0.0211	0.0000052	23.3	0.0000182	0.000302	0.000252	0.00109
2067 Nov	94.6	0.0631	0.0161	0.00112	14.1	0.0418	32.1	0.00101	0.00101	0.00000508	0.00737	0.0013	0.023	0.0203	0.00000515	23.2	0.000018	0.000298	0.000237	0.00109
2067 Dec	95	0.0635	0.0162	0.00113	14.2	0.042	32.2	0.00101	0.00101	0.00000509	0.00739	0.0013	0.0231	0.0204	0.00000517	23.3	0.000018	0.000298	0.000237	0.0011
2068 Jan	95.2	0.0637	0.0163	0.00113	14.2	0.042	32.2	0.00101	0.00101	0.0000051	0.0074	0.0013	0.0231	0.0204	0.00000517	23.3	0.0000181	0.000299	0.000238	0.0011
2068 Feb	95.4	0.0638	0.0163	0.00113	14.3	0.042	32.3	0.00101	0.00101	0.0000051	0.0074	0.00131	0.0231	0.0205	0.00000517	23.4	0.0000181	0.0003	0.000239	0.0011
2068 Mar	95.9	0.0642	0.0164	0.00114	14.3	0.0422	32.4	0.00102	0.00102	0.00000513	0.00744	0.00131	0.0232	0.0206	0.0000052	23.5	0.0000182	0.000301	0.000241	0.00111
2068 Apr	98	0.0656	0.0168	0.00116	14.7	0.0431	33.1	0.00104	0.00104	0.00000524	0.0076	0.00134	0.0237	0.0211	0.00000531	24	0.0000186	0.000308	0.000246	0.00113
2068 May	103	0.068	0.0191	0.00118	16.3	0.0407	31.6	0.00105	0.00105	0.0000053	0.00761	0.00145	0.0226	0.0248	0.00000537	26.4	0.0000196	0.000341	0.000317	0.00118
2068 Jun	79.4	0.0403	0.0199	0.00109	14.3	0.0232	13.4	0.000935	0.000935	0.00000469	0.00631	0.00122	0.0126	0.0235	0.00000471	21.1	0.0000193	0.000301	0.000333	0.000929
2068 Jul	73.5	0.0326	0.0166	0.00112	12.6	0.0261	14.2	0.00103	0.00103	0.00000515	0.00707	0.00125	0.0142	0.0217	0.00000518	20	0.0000211	0.000295	0.000287	0.00093
2068 Aug	82.9	0.0358	0.018	0.00128	14	0.0313	16.9	0.00118	0.00118	0.00000593	0.00806	0.00142	0.0166	0.0242	0.00000596	22.5	0.0000235	0.00033	0.000313	0.00106
2068 Sep	81.3	0.0399	0.0153	0.00119	12.9	0.035	20.9	0.00112	0.00112	0.0000056	0.00766	0.00133	0.0184	0.0214	0.00000564	21.4	0.0000207	0.000301	0.000258	0.00103
2068 Oct	83.3	0.0456	0.0146	0.00117	12.8	0.0375	23.8	0.0011	0.0011	0.0000055	0.00765	0.00131	0.0198	0.0204	0.00000555	21.4	0.0000199	0.000294	0.000238	0.00104
2068 Nov	84.2	0.0465	0.0147	0.00118	13	0.038	24.2	0.0011	0.0011	0.00000554	0.00772	0.00132	0.02	0.0206	0.00000559	21.6	0.00002	0.000297	0.000239	0.00105
2068 Dec	84.3	0.0466	0.0147	0.00118	13	0.0381	24.2	0.00111	0.00111	0.00000555	0.00774	0.00132	0.0201	0.0206	0.0000056	21.6	0.0000201	0.000297	0.00024	0.00105
2069 Jan	84.4	0.0467	0.0147	0.00118	13	0.0381	24.2	0.00111	0.00111	0.00000555	0.00774	0.00133	0.0201	0.0206	0.0000056	21.7	0.0000201	0.000297	0.00024	0.00105
2069 Feb	84.5	0.0467	0.0147	0.00118	13	0.0381	24.3	0.00111	0.00111	0.00000555	0.00774	0.00133	0.0201	0.0206	0.00000561	21.7	0.0000201	0.000298	0.00024	0.00106
2069 Mar	84.5	0.0468	0.0148	0.00119	13	0.0381	24.3	0.00111	0.00111	0.00000556	0.00775	0.00133	0.0201	0.0207	0.00000561	21.7	0.0000201	0.000298	0.000241	0.00106
2069 Apr	85	0.047	0.0149	0.00119	13.1	0.0383	24.4	0.00111	0.00111	0.00000558	0.00779	0.00133	0.0202	0.0208	0.00000564	21.8	0.0000202	0.0003	0.000242	0.00106
2069 May	89.9	0.0501	0.0156	0.00125	13.8	0.0403	26	0.00117	0.00117	0.00000585	0.00816	0.00141	0.0214	0.022	0.0000059	23.1	0.0000212	0.000316	0.000257	0.00112
2069 Jun	71.4	0.0308	0.0157	0.00111	11.1	0.0264	15.8	0.000983	0.000983	0.00000493	0.00697	0.00108	0.0152	0.0174	0.00000497	17.2	0.0000207	0.000262	0.000214	0.000842
2069 Jul	69.4	0.0263	0.0152	0.00123	10.8	0.0277	13.1	0.00111	0.00111	0.00000558	0.00789	0.00113	0.0153	0.0171	0.0000056	16.5	0.0000235	0.000269	0.000197	0.000864

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	69.3	0.0256	0.014	0.00126	10.6	0.0305	14.1	0.00117	0.00117	0.00000584	0.0082	0.00118	0.0164	0.0173	0.00000587	16.9	0.0000237	0.000273	0.000189	0.000897
2069 Sep	71.7	0.0412	0.0126	0.00114	10.8	0.0346	19	0.00105	0.00105	0.00000528	0.00761	0.00112	0.0179	0.0161	0.00000532	17.3	0.0000199	0.000255	0.000166	0.000902
2069 Oct	78.4	0.0718	0.013	0.00109	12.7	0.0398	22	0.000969	0.000969	0.00000487	0.00745	0.0011	0.0186	0.0167	0.00000491	18.5	0.000017	0.000244	0.000166	0.000972
2069 Nov	77.6	0.0764	0.0124	0.00109	12.8	0.0408	21.3	0.000973	0.000973	0.00000488	0.00755	0.00111	0.0183	0.0167	0.00000493	18.4	0.0000168	0.000241	0.000163	0.000982
2069 Dec	77.9	0.0766	0.0125	0.00109	12.9	0.0408	21.4	0.000974	0.000974	0.00000489	0.00756	0.00111	0.0184	0.0168	0.00000494	18.5	0.0000169	0.000242	0.000164	0.000985
2070 Jan	78	0.0766	0.0126	0.00109	12.9	0.0408	21.4	0.000974	0.000974	0.00000489	0.00756	0.00111	0.0184	0.0168	0.00000494	18.5	0.0000169	0.000243	0.000165	0.000986
2070 Feb	78.2	0.0766	0.0126	0.00109	13	0.0408	21.4	0.000975	0.000975	0.00000489	0.00756	0.00111	0.0184	0.0169	0.00000494	18.6	0.0000169	0.000243	0.000166	0.000987
2070 Mar	78.4	0.0768	0.0127	0.0011	13	0.0408	21.4	0.000976	0.000976	0.0000049	0.00757	0.00112	0.0184	0.017	0.00000495	18.7	0.0000169	0.000244	0.000167	0.00099
2070 Apr	79.3	0.0777	0.0129	0.00111	13.2	0.0413	21.7	0.000988	0.000988	0.00000496	0.00766	0.00113	0.0186	0.0172	0.000005	18.9	0.0000171	0.000247	0.00017	0.001
2070 May	85.3	0.0779	0.0155	0.00114	14.9	0.0394	21	0.00102	0.00102	0.00000511	0.00769	0.00126	0.018	0.0212	0.00000515	21.7	0.0000183	0.000285	0.000245	0.00107
2070 Jun	88.8	0.0569	0.0216	0.00111	17.3	0.0255	13.8	0.000981	0.000981	0.00000492	0.00664	0.00144	0.0127	0.0296	0.00000494	25.8	0.0000198	0.000352	0.00043	0.00108
2070 Jul	92.1	0.0589	0.0217	0.00121	18.1	0.0279	13.9	0.0011	0.0011	0.00000553	0.00757	0.00159	0.0137	0.0319	0.00000555	27.7	0.0000225	0.000383	0.000458	0.00117
2070 Aug	90.1	0.0557	0.0201	0.00124	17.5	0.0306	14.3	0.00117	0.00117	0.00000584	0.00791	0.00162	0.0146	0.0314	0.00000586	27.5	0.0000228	0.00038	0.000438	0.00119
2070 Sep	84.6	0.0585	0.016	0.00113	14.9	0.0351	19.8	0.00106	0.00106	0.0000053	0.00743	0.0014	0.0171	0.0248	0.00000534	23.8	0.0000193	0.00032	0.000318	0.00109
2070 Oct	82	0.0707	0.0137	0.00107	13.9	0.0387	22.4	0.000987	0.000987	0.00000495	0.00739	0.00126	0.0183	0.0208	0.000005	21.6	0.0000176	0.000281	0.000242	0.00104
2070 Nov	82.9	0.073	0.014	0.00108	14	0.0392	22.7	0.00099	0.00099	0.00000497	0.00747	0.00126	0.0185	0.0207	0.00000502	21.6	0.0000176	0.000281	0.000239	0.00105
2070 Dec	83.1	0.0731	0.014	0.00108	14.1	0.0392	22.7	0.000991	0.000991	0.00000497	0.00748	0.00126	0.0185	0.0208	0.00000502	21.6	0.0000176	0.000281	0.000239	0.00105
2071 Jan	83.1	0.0731	0.0141	0.00108	14.1	0.0392	22.7	0.000991	0.000991	0.00000497	0.00748	0.00126	0.0185	0.0208	0.00000502	21.6	0.0000177	0.000281	0.00024	0.00105
2071 Feb	83.2	0.0731	0.0141	0.00108	14.1	0.0392	22.7	0.000991	0.000991	0.00000497	0.00748	0.00126	0.0185	0.0208	0.00000502	21.7	0.0000177	0.000281	0.000241	0.00105
2071 Mar	83.3	0.0732	0.0141	0.00108	14.1	0.0392	22.7	0.000991	0.000991	0.00000498	0.00748	0.00126	0.0185	0.0209	0.00000502	21.7	0.0000177	0.000282	0.000241	0.00105
2071 Apr	83.8	0.0736	0.0142	0.00109	14.2	0.0394	22.8	0.000996	0.000996	0.000005	0.00751	0.00127	0.0186	0.021	0.00000505	21.8	0.0000178	0.000283	0.000243	0.00106
2071 May	87.8	0.0741	0.0161	0.00109	15.6	0.0369	21.7	0.001	0.001	0.00000502	0.00741	0.00136	0.0176	0.0244	0.00000506	24.1	0.0000185	0.000314	0.000311	0.00111
2071 Jun	81.1	0.0463	0.0198	0.0011	15.1	0.0242	12.6	0.000955	0.000955	0.00000479	0.00645	0.00128	0.0123	0.0253	0.00000481	22.3	0.0000193	0.000313	0.000358	0.000975
2071 Jul	79.8	0.0424	0.019	0.00119	14.6	0.0259	11.8	0.00106	0.00106	0.00000532	0.00727	0.00132	0.0131	0.0246	0.00000534	21.8	0.0000217	0.000318	0.000337	0.000994
2071 Aug	83.3	0.0446	0.0193	0.00128	15.3	0.0291	12.4	0.00116	0.00116	0.00000581	0.00792	0.00143	0.0143	0.0261	0.00000583	23.1	0.0000232	0.000339	0.00035	0.00107
2071 Sep	70.8	0.0461	0.0134	0.0011	12.7	0.0323	14	0.00104	0.00104	0.00000522	0.00723	0.00125	0.0152	0.0209	0.00000524	19.8	0.0000186	0.000285	0.00025	0.000944
2071 Oct	70.6	0.0563	0.012	0.00105	12.4	0.0351	16.3	0.000996	0.000996	0.00000499	0.00721	0.00119	0.0161	0.0192	0.00000502	19.1	0.0000174	0.000267	0.000216	0.000939
2071 Nov	72.3	0.0639	0.0114	0.00105	12.5	0.0373	18.2	0.00099	0.00099	0.00000497	0.00737	0.00118	0.017	0.0187	0.000005	19.3	0.0000172	0.000263	0.000203	0.000959
2071 Dec	72.8	0.0646	0.0115	0.00105	12.6	0.0376	18.4	0.000991	0.000991	0.00000497	0.00738	0.00118	0.0171	0.0187	0.000005	19.3	0.0000172	0.000263	0.000202	0.000962
2072 Jan	73	0.0647	0.0116	0.00105	12.6	0.0376	18.5	0.000991	0.000991	0.00000497	0.00739	0.00118	0.0172	0.0188	0.00000501	19.4	0.0000172	0.000263	0.000203	0.000964
2072 Feb	73.1	0.0647	0.0117	0.00105	12.6	0.0376	18.5	0.000991	0.000991	0.00000497	0.00739	0.00118	0.0172	0.0188	0.00000501	19.4	0.0000172	0.000264	0.000204	0.000965
2072 Mar	73.2	0.0648	0.0117	0.00105	12.7	0.0376	18.5	0.000992	0.000992	0.00000497	0.00739	0.00119	0.0172	0.0189	0.00000501	19.4	0.0000172	0.000264	0.000205	0.000966
2072 Apr	73.9	0.0654	0.0118	0.00106	12.8	0.0379	18.7	0.001	0.001	0.00000502	0.00745	0.0012	0.0173	0.0191	0.00000505	19.6	0.0000174	0.000267	0.000207	0.000975
2072 May	77.4	0.0684	0.0124	0.00111	13.4	0.0396	19.6	0.00105	0.00105	0.00000525	0.0078	0.00125	0.0181	0.0199	0.00000529	20.6	0.0000182	0.000279	0.000217	0.00102
2072 Jun	65.8	0.0369	0.0133	0.00111	10.4	0.0285	13.5	0.000993	0.000993	0.00000498	0.00721	0.00103	0.0146	0.0157	0.00000501	15.6	0.00002	0.000242	0.000173	0.00082
2072 Jul	60.7	0.0269	0.0122	0.00115	9.42	0.0284	11.5	0.00106	0.00106	0.00000532	0.00758	0.00105	0.0143	0.0149	0.00000534	14.5	0.0000214	0.000236	0.000155	0.000808
2072 Aug	66.7	0.0334	0.0122	0.00114	10.6	0.0352	15.5	0.00105	0.00105	0.00000527	0.00701	0.00111	0.0166	0.0158	0.0000053	16.3	0.0000167	0.00024	0.000154	0.00086
2072 Sep	66.6	0.0419	0.0112	0.0011	11.2	0.0386	15.9	0.00101	0.00101	0.00000507	0.00657	0.00109	0.0169	0.0156	0.00000511	16.5	0.0000134	0.000231	0.000143	0.000863
2072 Oct	70.1	0.0608	0.0121	0.00109	12.3	0.0389	15.7	0.000966	0.000966	0.00000485	0.00672	0.00106	0.016	0.016	0.00000488	16.7	0.0000136	0.000224	0.000152	0.000902
2072 Nov	71.3	0.0643	0.0123	0.0011	12.5	0.0393	15.9	0.000969	0.000969	0.00000486	0.00684	0.00107	0.0161	0.0163	0.00000489	16.9	0.0000139	0.000225	0.000155	0.000917
2072 Dec	71.5	0.0645	0.0124	0.0011	12.6	0.0393	16	0.00097	0.00097	0.00000487	0.00685	0.00107	0.0161	0.0163	0.0000049	17	0.000014	0.000226	0.000156	0.000919
2073 Jan	71.6	0.0646	0.0124	0.0011	12.6	0.0393	16	0.00097	0.00097	0.00000487	0.00685	0.00107	0.0161	0.0163	0.0000049	17	0.000014	0.000226	0.000157	0.00092
2073 Feb	71.7	0.0646	0.0125	0.0011	12.6	0.0393	16	0.00097	0.00097	0.00000487	0.00685	0.00107	0.0161	0.0164	0.0000049	17	0.000014	0.000227	0.000157	0.000921
2073 Mar	71.8	0.0647	0.0125	0.0011	12.6	0.0393	16	0.000971	0.000971	0.00000487	0.00686	0.00107	0.0161	0.0164	0.00000491	17.1	0.000014	0.000227	0.000158	0.000922
2073 Apr	73.3	0.066	0.0128	0.00113	12.9	0.0401	16.3	0.00099	0.00099	0.00000497	0.00699	0.0011	0.0164	0.0168	0.000005	17.4	0.0000143	0.000232	0.000162	0.000941
2073 May	87.3	0.0672	0.0167	0.00114	15.4	0.0368	19.9	0.00101	0.00101	0.00000504	0.00703	0.0013	0.0172	0.0231	0.00000508	22.7	0.0000169	0.0003	0.000288	0.00106
2073 Jun	89.4	0.051	0.0212	0.00112	16.4	0.0254	15.5	0.00096	0.00096	0.00000482	0.00638	0.00137	0.0134	0.0275	0.00000485	24.6	0.0000191	0.000336	0.000399	0.00104
2073 Jul	90.6	0.0486	0.0215	0.00123	16.4	0.0279	15	0.00106	0.00106	0.00000531	0.00699	0.0014	0.0141	0.0272	0.00000534	24.3	0.0000206	0.000338	0.000382	0.00108
2073 Aug	89.5	0.0486	0.0203	0.00126	16.5	0.0304	14.7	0.00114	0.00114	0.00000569	0.00749	0.0015	0.0146	0.0283	0.00000572	25.1	0.0000214	0.00035	0.00039	0.00113
2073 Sep	80.4	0.048	0.0162	0.00115	14.6	0.0324	15.4	0.00107	0.00107	0.00000539	0.00717	0.0014	0.0151	0.0251	0.00000542	23	0.000019	0.000316	0.000327	0.00106
2073 Oct	78.9	0.0609	0.0128	0.00105	13.3	0.0369	20.8	0.000989	0.000989	0.00000496	0.0071	0.00126	0.0175	0.0209	0.000005	21.2	0.0000171	0.00028	0.000248	0.00102
2073 Nov	80.6	0.0657	0.0127	0.00105	13.3	0.0383	22.3	0.000981	0.000981	0.00000492	0.0072	0.00124	0.0183	0.0203	0.00000497	21.2	0.000017	0.000277	0.000235	0.00102
2073 Dec	80.8	0.0659	0.0128	0.00105	13.3	0.0384	22.4	0.000983	0.000983	0.00000493	0.00722	0.00124	0.0183	0.0204	0.00000498	21.2	0.000017	0.000277	0.000235	0.00103
2074 Jan	81	0.066	0.0128	0.00106	13.4	0.0384	22.5	0.000983	0.000983	0.00000493	0.00722	0.00124	0.0183	0.0204	0.00000498	21.2	0.000017	0.000277	0.000236	0.00103
2074 Feb	81.1	0.0661	0.0129	0.00106	13.4	0.0384	22.5	0.000983	0.000983	0.00000493	0.00722	0.00125	0.0184	0.0204	0.00000498	21.3	0.000017	0.000278	0.000236	0.00103
2074 Mar	81.2	0.0662	0.0129	0.00106	13.4	0.0384	22.5	0.000985	0.000985	0.00000494	0.00723	0.00125	0.0184	0.0205	0.00000499	21.3	0.0000171	0.000278	0.000237	0.00103
2074 Apr	82.6	0.0673	0.0131	0.00107	13.6	0.0391	22.9	0.001	0.001	0.00000502	0.00735	0.00127	0.0187	0.0208	0.00000507	21.7	0.0000173	0.000283	0.000241	0.00105
2074 May	94.5	0.0677	0.0177	0.00111	16.3	0.0352	23.4	0.00102	0.00102	0.0000051	0.00722	0.00144	0.0181	0.0268	0.00000514	26.1	0.0000191	0.000342	0.000361	0.00114
2074 Jun	89.3	0.0505	0.0219	0.00111	16.8	0.0238	13.9	0.000946	0.000946	0.00000475	0.00617	0.00138	0.0123	0.0285	0.00000477	24.9	0.0000188	0.00034	0.000421	0.00104
2074 Jul	96.9	0.0539	0.0234	0.00125	18.2	0.0271	15	0.00109	0.00109	0.00000547	0.00721	0.00154	0.0139	0.0312	0.00000549	27.3	0.0000219	0.000378	0.000455	0.00116
2074 Aug	110	0.0614	0.0264	0.00143	20.7	0.0316	17	0.00126	0.00126	0.00000631	0.0083	0.00177	0.0161	0.0357	0.00000634	31.2	0.000025	0.000431	0.000516	0.00133
2074 Sep	95.2	0.0596	0.0184	0.00119	16.5	0.0341	21.6	0.0011	0.0011	0.00000553	0.00766	0.00151	0.0181	0.0279	0.00000557	26.6	0.0000213	0.000362	0.000379	0.00116
2074 Oct	92.4	0.0681	0.0143	0.00108	14.5	0.0382	27.4	0.00102	0.00102	0.00000511	0.00756	0.00136	0.0207	0.0233	0.00000517	24.5	0.0000195	0.000324	0.000293	0.00111
2074 Nov	93.7	0.0701	0.0139	0.00107	14.4	0.0392	29	0.00101	0.00101	0.00000507	0.00758	0.00134	0.0215	0.0227	0.00000513	24.5	0.0000194	0.000321	0.000282	0.00111
2074 Dec	94.1	0.0704	0.0139	0.00107	14.4	0.0394	29.3	0.00101	0.00101	0.00000506	0.00759	0.00134	0.0217	0.0227	0.00000513	24.5	0.0000194	0.000321	0.000281	0.00111
2075 Jan	94.2	0.0705	0.0139	0.00107	14.4	0.0394	29.4	0.00101	0.00101	0.00000507	0.00759	0.00134	0.0217	0.0227	0.00000513	24.5	0.0000194	0.000322	0.000282	0.00111
2075 Feb	94.4	0.0705	0.014	0.00107	14.4	0.0394	29.4	0.00101	0.00101	0.00000507	0.00759	0.00135	0.0217	0.0228	0.00000513	24.6	0.0000194	0.000322	0.000283	0.00111
2075 Mar	94.7	0.0708	0.014	0.00108	14.5	0.0395	29.5	0.00101	0.00101	0.00000508	0.00761	0.00135	0.0217	0.0228	0.00000515	24.7	0.0000194	0.000323	0.000284	0.00112
2075 Apr	96	0.0718	0.0142	0.00109	14.7	0.0401	29.9	0.00103	0.00103	0.00000516	0.00772	0.00137	0.022	0.0232	0.00000522	25	0.0000197	0.000328	0.000288	0.00113
2075 May	111	0.0768	0.0146	0.00112	15.3	0.0442	40	0.00105	0.00105	0.00000529	0.00806	0.00145	0.027	0.024	0.00000538	27.9	0.0000211	0.000359	0.000302	0.00123
2075 Jun	76.6	0.0343	0.0141	0.00109	10.7	0.0285	20.5	0.000969	0.000969	0.00000487	0.007	0.00106	0.0174	0.0165	0.00000491	17.6	0.0000206	0.000263	0.000198	0.000858
2075 Jul	64.6	0.0229	0.0131	0.00117	9.44	0.0264	12.5	0.00106	0.00106	0.00000534	0.0076	0.00103	0.0148	0.0151	0.00000536	14.8	0.0000226	0.000247	0.000166	0.0008
2075 Aug	63.7	0.0224	0.0122	0.00121	9.42	0.0288	12.2	0.00113	0.00113	0.00000566	0.00799	0.00109	0.0153	0.0155	0.00000568	15.1	0.0000231	0.000252	0.000162	0.000836
2075 Sep	62.9	0.0246	0.0113	0.0012	9.4	0.0306	12.7	0.00114	0.00114	0.0000057	0.00803	0.00111	0.0157	0.0154	0.00000572	15.3	0.0000225	0.000251	0.000155	0.000847
2075 Oct	61.3	0.0321	0.00948	0.00112	9.2	0.0326	14.2	0.00108	0.00108	0.00000542	0.00775	0.00108	0.0162	0.0148	0.00000544	15.2	0.0000205	0.00024	0.000141	0.000842
2075 Nov	63.8	0.0366	0.00952	0.00112	9.5	0.0339	15.9	0.00107	0.00107	0.00000538	0.00778	0.00109	0.0169	0.0149	0.00000542	15.8	0.0000203	0.000242	0.000142	0.000862
2075 Dec	64.5	0.0375	0.00965	0.00112	9.59	0.0342	16.2	0.00107	0.00107	0.00000538	0.00779	0.00109	0.017	0.015	0.00000542	15.9	0.0000203	0.000243	0.000143	0.000867

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	64.8	0.0377	0.00971	0.00112	9.63	0.0342	16.3	0.00107	0.00107	0.00000538	0.00779	0.00109	0.0171	0.0151	0.00000542	15.9	0.0000203	0.000243	0.000144	0.000869
2076 Feb	65	0.0378	0.00976	0.00112	9.67	0.0342	16.4	0.00107	0.00107	0.00000539	0.0078	0.0011	0.0171	0.0152	0.00000542	16	0.0000203	0.000244	0.000145	0.000871
2076 Mar	65.2	0.038	0.00981	0.00113	9.71	0.0343	16.4	0.00108	0.00108	0.0000054	0.00782	0.0011	0.0171	0.0152	0.00000544	16.1	0.0000203	0.000245	0.000146	0.000875
2076 Apr	65.8	0.0384	0.00991	0.00113	9.81	0.0346	16.5	0.00109	0.00109	0.00000545	0.00788	0.00111	0.0173	0.0154	0.00000548	16.2	0.0000205	0.000247	0.000148	0.000882
2076 May	75.7	0.0468	0.0128	0.00114	12.3	0.0337	17.9	0.00109	0.00109	0.00000545	0.00782	0.00128	0.0172	0.0206	0.00000549	20.4	0.0000211	0.000295	0.000245	0.000988
2076 Jun	80	0.0439	0.019	0.00108	14.7	0.0236	12.5	0.000948	0.000948	0.00000475	0.00638	0.00127	0.0122	0.025	0.00000477	22.1	0.0000192	0.000311	0.000356	0.000961
2076 Jul	81.6	0.0419	0.0193	0.0012	14.8	0.0259	11.9	0.00106	0.00106	0.00000532	0.00715	0.00132	0.013	0.025	0.00000534	22	0.0000214	0.000319	0.000343	0.001
2076 Aug	87.7	0.0455	0.0203	0.00132	16	0.0294	12.6	0.00119	0.00119	0.00000595	0.00799	0.00148	0.0144	0.0274	0.00000597	24.1	0.0000235	0.000351	0.000372	0.00111
2076 Sep	85.6	0.0467	0.0189	0.0013	15.7	0.031	13.1	0.0012	0.0012	0.000006	0.00811	0.00148	0.0149	0.027	0.00000602	23.9	0.0000233	0.000348	0.000358	0.00111
2076 Oct	77.9	0.0542	0.0137	0.00112	13.3	0.0337	17.3	0.00106	0.00106	0.00000529	0.00757	0.0013	0.0164	0.0221	0.00000533	21.4	0.00002	0.000299	0.000272	0.00102
2076 Nov	78.9	0.0584	0.0132	0.0011	13.2	0.0351	19.2	0.00104	0.00104	0.0000052	0.00757	0.00128	0.0172	0.0214	0.00000524	21.2	0.0000195	0.000293	0.000257	0.00102
2076 Dec	79.2	0.0587	0.0132	0.0011	13.2	0.0352	19.3	0.00104	0.00104	0.0000052	0.00758	0.00128	0.0173	0.0214	0.00000524	21.3	0.0000195	0.000293	0.000257	0.00102
2077 Jan	79.4	0.0588	0.0132	0.0011	13.2	0.0353	19.4	0.00104	0.00104	0.00000521	0.00759	0.00128	0.0173	0.0214	0.00000524	21.3	0.0000195	0.000294	0.000257	0.00102
2077 Feb	79.5	0.0588	0.0133	0.0011	13.3	0.0353	19.4	0.00104	0.00104	0.00000521	0.00759	0.00128	0.0173	0.0215	0.00000525	21.4	0.0000195	0.000294	0.000258	0.00102
2077 Mar	79.6	0.0589	0.0133	0.0011	13.3	0.0353	19.4	0.00104	0.00104	0.00000521	0.00759	0.00128	0.0173	0.0215	0.00000525	21.4	0.0000196	0.000295	0.000259	0.00102
2077 Apr	80.5	0.0595	0.0135	0.00111	13.4	0.0357	19.6	0.00105	0.00105	0.00000527	0.00767	0.0013	0.0175	0.0217	0.00000531	21.6	0.0000198	0.000298	0.000262	0.00103
2077 May	87.2	0.0625	0.0155	0.00113	14.9	0.0348	20.6	0.00106	0.00106	0.00000532	0.00768	0.0014	0.0176	0.0249	0.00000536	24.1	0.0000205	0.000329	0.000321	0.0011
2077 Jun	83.5	0.0484	0.0187	0.00106	15.4	0.0241	14.4	0.00097	0.00097	0.00000486	0.00668	0.00138	0.0131	0.0276	0.00000489	24.5	0.0000205	0.000342	0.0004	0.00102
2077 Jul	84.4	0.047	0.0182	0.00116	15.4	0.0265	14.4	0.0011	0.0011	0.00000553	0.00777	0.00149	0.0144	0.0284	0.00000556	25.2	0.0000238	0.000365	0.0004	0.00108
2077 Aug	90.8	0.0503	0.0191	0.00128	16.6	0.0303	15.6	0.00123	0.00123	0.00000615	0.00857	0.00162	0.0161	0.0304	0.00000617	27.1	0.0000257	0.000393	0.00042	0.00118
2077 Sep	74.8	0.0516	0.0122	0.00106	12.6	0.0344	18	0.00103	0.00103	0.00000514	0.0073	0.00126	0.017	0.0208	0.00000518	20.7	0.0000185	0.000291	0.000247	0.00097
2077 Oct	76.4	0.0625	0.0113	0.00105	12.6	0.0377	20.3	0.001	0.001	0.00000503	0.0074	0.00122	0.0181	0.0195	0.00000507	20.3	0.0000176	0.000277	0.000218	0.000984
2077 Nov	77.9	0.0642	0.0117	0.00107	12.8	0.0382	20.7	0.00101	0.00101	0.00000507	0.00748	0.00123	0.0183	0.0197	0.00000511	20.6	0.0000178	0.000279	0.000221	0.000997
2077 Dec	78.2	0.0644	0.0117	0.00107	12.9	0.0382	20.8	0.00101	0.00101	0.00000508	0.00749	0.00123	0.0183	0.0198	0.00000512	20.6	0.0000178	0.00028	0.000221	0.000999
2078 Jan	78.3	0.0645	0.0117	0.00107	12.9	0.0382	20.8	0.00101	0.00101	0.00000508	0.0075	0.00123	0.0183	0.0198	0.00000512	20.6	0.0000178	0.00028	0.000222	0.001
2078 Feb	78.4	0.0646	0.0118	0.00107	12.9	0.0382	20.8	0.00101	0.00101	0.00000508	0.0075	0.00123	0.0183	0.0199	0.00000512	20.7	0.0000178	0.000281	0.000223	0.001
2078 Mar	78.5	0.0647	0.0118	0.00107	12.9	0.0383	20.8	0.00101	0.00101	0.00000509	0.0075	0.00124	0.0183	0.0199	0.00000513	20.7	0.0000179	0.000281	0.000223	0.001
2078 Apr	80	0.0659	0.012	0.00109	13.2	0.039	21.2	0.00103	0.00103	0.00000518	0.00764	0.00126	0.0187	0.0203	0.00000522	21.1	0.0000182	0.000287	0.000228	0.00102
2078 May	92	0.0656	0.0177	0.0011	16.4	0.0326	20.2	0.00102	0.00102	0.0000051	0.00718	0.00146	0.0166	0.0279	0.00000514	26.2	0.0000195	0.000351	0.000383	0.00113
2078 Jun	91.4	0.054	0.0223	0.00111	17.5	0.024	13.6	0.000961	0.000961	0.00000482	0.00627	0.00144	0.0121	0.0302	0.00000484	26.1	0.0000191	0.000354	0.000449	0.00108
2078 Jul	101	0.0596	0.0242	0.00125	19.5	0.0275	14.9	0.0011	0.0011	0.00000554	0.00724	0.00164	0.0137	0.0341	0.00000556	29.4	0.0000219	0.0004	0.000503	0.00122
2078 Aug	93.5	0.0554	0.0213	0.00122	18.3	0.0295	14	0.00113	0.00113	0.00000568	0.00739	0.00166	0.0137	0.0332	0.0000057	28.6	0.0000214	0.000388	0.000477	0.00122
2078 Sep	88	0.0528	0.0183	0.00118	17	0.0322	15.1	0.00112	0.00112	0.00000562	0.00726	0.0016	0.0146	0.0306	0.00000565	27	0.0000197	0.000364	0.000424	0.00118
2078 Oct	89.2	0.0561	0.0158	0.00111	15.5	0.0354	21.2	0.00106	0.00106	0.00000532	0.00711	0.00148	0.0175	0.0269	0.00000536	25.7	0.0000184	0.000339	0.000359	0.00113
2078 Nov	90.6	0.0584	0.0153	0.0011	15.2	0.0366	23.3	0.00105	0.00105	0.00000527	0.00715	0.00146	0.0185	0.0261	0.00000532	25.5	0.0000183	0.000335	0.000342	0.00113
2078 Dec	90.8	0.0586	0.0154	0.00111	15.3	0.0367	23.3	0.00105	0.00105	0.00000528	0.00716	0.00146	0.0186	0.0261	0.00000532	25.5	0.0000183	0.000335	0.000342	0.00113
2079 Jan	90.9	0.0586	0.0154	0.00111	15.3	0.0367	23.4	0.00105	0.00105	0.00000528	0.00716	0.00146	0.0186	0.0261	0.00000532	25.6	0.0000183	0.000335	0.000342	0.00114
2079 Feb	90.9	0.0587	0.0154	0.00111	15.3	0.0367	23.4	0.00105	0.00105	0.00000528	0.00716	0.00146	0.0186	0.0261	0.00000532	25.6	0.0000183	0.000335	0.000343	0.00114
2079 Mar	91.1	0.0588	0.0155	0.00111	15.3	0.0368	23.4	0.00105	0.00105	0.00000528	0.00717	0.00146	0.0186	0.0262	0.00000533	25.6	0.0000183	0.000336	0.000344	0.00114
2079 Apr	92.1	0.0594	0.0156	0.00112	15.5	0.0372	23.7	0.00106	0.00106	0.00000534	0.00724	0.00148	0.0188	0.0265	0.00000539	25.9	0.0000185	0.00034	0.000347	0.00115
2079 May	96.7	0.0624	0.0163	0.00116	16.2	0.0387	25.2	0.0011	0.0011	0.00000554	0.00754	0.00154	0.0198	0.0277	0.00000559	27.2	0.0000193	0.000356	0.000365	0.0012
2079 Jun	68.8	0.0307	0.0144	0.00106	10.9	0.0243	13.3	0.000949	0.000949	0.00000476	0.00665	0.00107	0.0136	0.0181	0.00000479	17.2	0.0000199	0.000261	0.000232	0.000824
2079 Jul	58.1	0.0218	0.0118	0.0011	9.15	0.0243	9.39	0.00102	0.00102	0.00000512	0.00725	0.00103	0.0128	0.0156	0.00000514	14.5	0.0000215	0.000241	0.000178	0.00077
2079 Aug	60.2	0.0219	0.0116	0.00118	9.5	0.028	10.1	0.00112	0.00112	0.00000563	0.00787	0.00113	0.014	0.0166	0.00000565	15.4	0.0000227	0.000254	0.000181	0.000841
2079 Sep	62.3	0.0343	0.00939	0.00107	9.43	0.0329	15.2	0.00103	0.00103	0.00000519	0.00732	0.00109	0.0159	0.0154	0.00000522	15.8	0.0000189	0.000236	0.000154	0.000854
2079 Oct	68.1	0.0505	0.00881	0.00103	10.1	0.0367	19.7	0.00099	0.00099	0.00000497	0.00732	0.00109	0.0177	0.0154	0.00000501	16.9	0.0000177	0.000235	0.000149	0.0009
2079 Nov	71.9	0.0594	0.00907	0.00103	10.8	0.0384	21.4	0.000982	0.000982	0.00000493	0.00743	0.0011	0.0184	0.0159	0.00000497	17.7	0.0000175	0.00024	0.000155	0.000936
2079 Dec	74.4	0.0654	0.00945	0.00104	11.3	0.0393	22.1	0.00098	0.00098	0.00000492	0.00751	0.00112	0.0187	0.0166	0.00000496	18.4	0.0000175	0.000246	0.000164	0.000961
2080 Jan	74.8	0.0656	0.0096	0.00104	11.4	0.0393	22.1	0.00098	0.00098	0.00000492	0.00751	0.00113	0.0187	0.0167	0.00000497	18.5	0.0000175	0.000247	0.000167	0.000964
2080 Feb	75	0.0657	0.00969	0.00104	11.5	0.0392	22.1	0.000981	0.000981	0.00000492	0.00751	0.00113	0.0187	0.0168	0.00000497	18.6	0.0000175	0.000248	0.000169	0.000966
2080 Mar	75.2	0.0657	0.00975	0.00104	11.5	0.0392	22.1	0.000981	0.000981	0.00000492	0.00751	0.00113	0.0187	0.0169	0.00000497	18.6	0.0000175	0.000249	0.00017	0.000968
2080 Apr	75.8	0.0662	0.00985	0.00105	11.6	0.0395	22.3	0.000988	0.000988	0.00000496	0.00756	0.00114	0.0188	0.0171	0.00000501	18.8	0.0000177	0.000251	0.000172	0.000975
2080 May	79.5	0.0694	0.0103	0.0011	12.2	0.0414	23.3	0.00104	0.00104	0.0000052	0.00792	0.0012	0.0197	0.0179	0.00000525	19.7	0.0000185	0.000263	0.000181	0.00102
2080 Jun	66.5	0.0384	0.0121	0.00109	10.1	0.0293	14.4	0.000985	0.000985	0.00000494	0.00716	0.00102	0.0149	0.0154	0.00000497	15.5	0.0000196	0.000236	0.000167	0.000827
2080 Jul	56.9	0.0232	0.0111	0.00111	8.71	0.0265	9.79	0.00103	0.00103	0.00000514	0.00726	0.000991	0.0132	0.0141	0.00000516	13.5	0.0000206	0.000223	0.000146	0.000766
2080 Aug	54.9	0.0214	0.00967	0.00113	8.51	0.0299	10	0.00108	0.00108	0.0000054	0.0074	0.00105	0.0137	0.0143	0.00000542	13.7	0.0000198	0.000219	0.000137	0.000804
2080 Sep	56.6	0.0284	0.00845	0.00107	8.86	0.0341	13	0.00103	0.00103	0.00000518	0.00693	0.00106	0.0151	0.0142	0.0000052	14.4	0.0000164	0.000213	0.000126	0.000818
2080 Oct	62.3	0.0416	0.00819	0.00104	9.58	0.0372	16.7	0.001	0.001	0.00000503	0.00697	0.00107	0.0167	0.0145	0.00000507	15.6	0.0000156	0.000219	0.000128	0.000862
2080 Nov	66.6	0.0507	0.00824	0.00103	10.1	0.0388	19.1	0.000989	0.000989	0.00000496	0.00707	0.00108	0.0177	0.015	0.000005	16.5	0.0000156	0.000225	0.000135	0.000896
2080 Dec	67.3	0.0517	0.0084	0.00103	10.3	0.0389	19.4	0.000989	0.000989	0.00000496	0.0071	0.00108	0.0178	0.0151	0.000005	16.7	0.0000157	0.000227	0.000137	0.000901
2081 Jan	67.5	0.0518	0.00847	0.00103	10.3	0.0389	19.4	0.00099	0.00099	0.00000496	0.0071	0.00109	0.0178	0.0152	0.000005	16.7	0.0000157	0.000228	0.000138	0.000903
2081 Feb	67.7	0.0519	0.00852	0.00104	10.3	0.0389	19.4	0.00099	0.00099	0.00000497	0.0071	0.00109	0.0178	0.0153	0.00000501	16.8	0.0000157	0.000228	0.000139	0.000904
2081 Mar	67.8	0.052	0.00856	0.00104	10.4	0.0389	19.5	0.000991	0.000991	0.00000497	0.00711	0.00109	0.0178	0.0153	0.00000501	16.8	0.0000158	0.000229	0.00014	0.000906
2081 Apr	68.6	0.0526	0.00867	0.00105	10.5	0.0393	19.7	0.001	0.001	0.00000502	0.00718	0.0011	0.018	0.0155	0.00000507	17.1	0.0000159	0.000232	0.000142	0.000917
2081 May	83.3	0.0601	0.0149	0.00108	14.7	0.0338	18.5	0.00101	0.00101	0.00000508	0.0071	0.00137	0.0162	0.0248	0.00000512	23.5	0.0000183	0.000315	0.000322	0.00106
2081 Jun	89.3	0.0532	0.0209	0.00113	16.7	0.0255	14.1	0.000983	0.000983	0.00000493	0.00653	0.00141	0.0128	0.0287	0.00000495	25.2	0.0000194	0.000344	0.000417	0.00107
2081 Jul	104	0.061	0.0244	0.00134	19.4	0.0302	16.4	0.00117	0.00117	0.00000586	0.00777	0.00165	0.0151	0.0333	0.00000589	29.2	0.0000231	0.000402	0.000481	0.00125
2081 Aug	119	0.0701	0.0276	0.00154	22.3	0.0355	18.7	0.00136	0.00136	0.00000681	0.009	0.00191	0.0175	0.0383	0.00000684	33.6	0.0000265	0.000462	0.00055	0.00144
2081 Sep	100	0.0646	0.0213	0.00132	19.1	0.0344	16.8	0.00123	0.00123	0.00000616	0.00827	0.00172	0.0164	0.0336	0.00000619	29.8	0.0000231	0.00041	0.000468	0.00128
2081 Oct	96	0.0661	0.0187	0.00124	17.9	0.0354	18.3	0.00118	0.00118	0.0000059	0.00808	0.00164	0.0171	0.0312	0.00000593	28.4	0.0000219	0.000388	0.000425	0.00123
2081 Nov	92.2	0.069	0.0155	0.00114	16.1	0.037	21.9	0.00109	0.00109	0.00000546	0.00778	0.0015	0.0185	0.0273	0.0000055	26.4	0.0000202	0.000354	0.000358	0.00117
2081 Dec	92.5	0.0705	0.015	0.00112	15.8	0.0377	23.1	0.00108	0.00108	0.0000054	0.00777	0.00147	0.019	0.0266	0.00000544	26.1	0.00002	0.000348	0.000345	0.00116
2082 Jan	92.6	0.0706	0.015	0.00112	15.8	0.0378	23.2	0.00108	0.00108	0.00000539	0.00777	0.00147	0.019	0.0266	0.00000544	26.1	0.00002	0.000348	0.000345	0.00116
2082 Feb	92.8	0.0707	0.0151	0.00112	15.9	0.0378	23.2	0.00108	0.00108	0.0000054	0.00777	0.00148	0.0191	0.0267	0.00000544	26.2	0.00002	0.000349	0.000346	0.00116
2082 Mar	93.1	0.0709	0.0151	0.00113	15.9	0.0378	23.3	0.00108	0.00108	0.0000054	0.00778	0.00148	0.0191	0.0267	0.00000545	26.3	0.00002	0.00035	0.000348	0.00117
2082 Apr	93.9	0.0715	0.0153	0.00114	16.1	0.0381	23.4	0.00109	0.00109	0.00000545	0.00784	0.00149	0.0192	0.027	0.0000055	26.5	0.0000202	0.000353	0.000351	0.00118
2082 May	97.8	0.0745	0.0159	0.00118	16.8	0.0397	24.4	0.00113	0.00113	0.00000568	0.00817	0.00156	0.02	0.0281	0.00000573	27.6	0.000021	0.000368	0.000366	0.00122

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	71.7	0.0351	0.0132	0.00109	10.6	0.0281	16.6	0.000987	0.000987	0.00000495	0.00708	0.00108	0.0158	0.0171	0.00000499	17.2	0.0000204	0.000261	0.000204	0.000853
2082 Jul	57.7	0.0194	0.0118	0.00113	8.57	0.0245	9.38	0.00103	0.00103	0.00000518	0.00736	0.000969	0.0131	0.0139	0.0000052	13.2	0.0000219	0.000229	0.000147	0.000742
2082 Aug	58.6	0.0202	0.0115	0.0012	8.92	0.0277	9.34	0.00112	0.00112	0.00000561	0.00788	0.00105	0.014	0.0148	0.00000563	14	0.0000226	0.00024	0.000149	0.000798
2082 Sep	56.1	0.0234	0.01	0.00117	8.87	0.03	9.21	0.00112	0.00112	0.0000056	0.00781	0.00107	0.0141	0.0147	0.00000561	14	0.0000212	0.000234	0.00014	0.000805
2082 Oct	60.3	0.0464	0.00853	0.00104	9.58	0.0346	14.4	0.000995	0.000995	0.00000499	0.00732	0.00103	0.0155	0.0144	0.00000502	15.1	0.0000176	0.000221	0.000131	0.000839
2082 Nov	62.9	0.05	0.00885	0.00105	9.92	0.0356	15.6	0.001	0.001	0.00000501	0.00741	0.00105	0.0161	0.0147	0.00000505	15.6	0.0000177	0.000225	0.000134	0.000861
2082 Dec	63.2	0.0503	0.0089	0.00106	9.96	0.0357	15.7	0.001	0.001	0.00000502	0.00743	0.00105	0.0162	0.0148	0.00000505	15.6	0.0000177	0.000226	0.000135	0.000864
2083 Jan	63.4	0.0504	0.00895	0.00106	9.99	0.0357	15.7	0.001	0.001	0.00000502	0.00743	0.00105	0.0162	0.0148	0.00000506	15.7	0.0000177	0.000226	0.000136	0.000865
2083 Feb	63.6	0.0505	0.00899	0.00106	10	0.0358	15.8	0.001	0.001	0.00000503	0.00744	0.00106	0.0162	0.0149	0.00000506	15.7	0.0000178	0.000227	0.000137	0.000867
2083 Mar	63.8	0.0507	0.00903	0.00106	10.1	0.0358	15.8	0.00101	0.00101	0.00000504	0.00745	0.00106	0.0162	0.015	0.00000507	15.8	0.0000178	0.000228	0.000138	0.00087
2083 Apr	64.6	0.0513	0.00915	0.00107	10.2	0.0362	16	0.00102	0.00102	0.0000051	0.00754	0.00107	0.0164	0.0152	0.00000513	16	0.000018	0.000231	0.00014	0.000881
2083 May	81.1	0.0572	0.0135	0.00109	13.4	0.0343	19.7	0.00103	0.00103	0.00000517	0.00748	0.0013	0.0173	0.0222	0.00000521	21.9	0.0000196	0.000302	0.000274	0.00102
2083 Jun	83.8	0.0462	0.0194	0.00109	15.2	0.0239	13.6	0.000952	0.000952	0.00000477	0.00638	0.00132	0.0126	0.0262	0.0000048	23.2	0.0000194	0.000323	0.000378	0.000994
2083 Jul	84.2	0.0435	0.0188	0.00117	15	0.0266	14	0.00105	0.00105	0.00000527	0.00706	0.00138	0.0137	0.0262	0.00000529	23.3	0.0000211	0.00033	0.000366	0.00104
2083 Aug	76.1	0.0353	0.0149	0.00114	13.2	0.0309	15	0.00108	0.00108	0.0000054	0.00697	0.00138	0.0144	0.024	0.00000543	21.7	0.000019	0.000298	0.000312	0.00103
2083 Sep	74	0.0444	0.0121	0.00107	12.3	0.0348	17.8	0.00103	0.00103	0.00000515	0.00686	0.00128	0.0159	0.0211	0.00000518	20.4	0.0000169	0.000271	0.000254	0.001
2083 Oct	75.5	0.0645	0.0105	0.00103	12.2	0.0385	20.6	0.000963	0.000963	0.00000483	0.00703	0.00117	0.0173	0.0184	0.00000487	19.3	0.0000159	0.000248	0.000201	0.000989
2083 Nov	76.9	0.0684	0.011	0.00105	12.4	0.0389	20.4	0.000959	0.000959	0.00000482	0.00708	0.00114	0.0173	0.0181	0.00000486	19.1	0.0000159	0.000245	0.000194	0.00099
2083 Dec	77.2	0.0685	0.0111	0.00105	12.5	0.0389	20.5	0.000961	0.000961	0.00000482	0.00709	0.00115	0.0173	0.0182	0.00000486	19.1	0.0000159	0.000245	0.000195	0.000992
2084 Jan	77.3	0.0686	0.0111	0.00105	12.5	0.0389	20.5	0.000961	0.000961	0.00000482	0.00709	0.00115	0.0173	0.0182	0.00000487	19.1	0.0000159	0.000246	0.000196	0.000993
2084 Feb	77.4	0.0686	0.0112	0.00105	12.5	0.0389	20.5	0.000961	0.000961	0.00000483	0.00709	0.00115	0.0173	0.0183	0.00000487	19.2	0.000016	0.000246	0.000197	0.000994
2084 Mar	77.7	0.0688	0.0112	0.00105	12.6	0.039	20.6	0.000964	0.000964	0.00000484	0.00711	0.00115	0.0173	0.0183	0.00000488	19.2	0.000016	0.000247	0.000198	0.000997
2084 Apr	79.1	0.0701	0.0115	0.00107	12.8	0.0397	20.9	0.000981	0.000981	0.00000492	0.00724	0.00117	0.0177	0.0187	0.00000497	19.6	0.0000163	0.000252	0.000202	0.00102
2084 May	89.7	0.0705	0.0158	0.00109	15.7	0.035	20.7	0.001	0.001	0.00000502	0.00718	0.00139	0.0167	0.0259	0.00000506	24.8	0.0000185	0.000323	0.000343	0.00112
2084 Jun	85.4	0.0502	0.0201	0.00108	16	0.0238	13	0.000942	0.000942	0.00000473	0.00626	0.00135	0.012	0.0277	0.00000475	24.1	0.0000188	0.000331	0.000404	0.00102
2084 Jul	89.8	0.0523	0.0208	0.00118	17	0.0264	13.4	0.00106	0.00106	0.00000533	0.00714	0.0015	0.0131	0.03	0.00000535	26	0.0000214	0.000362	0.000432	0.00111
2084 Aug	91	0.0534	0.0203	0.00124	17.3	0.0293	13.7	0.00114	0.00114	0.0000057	0.00759	0.00158	0.014	0.031	0.00000572	27	0.0000221	0.000374	0.000437	0.00117
2084 Sep	81.2	0.0507	0.0161	0.00113	15.2	0.0313	14.4	0.00108	0.00108	0.00000539	0.00719	0.00145	0.0146	0.0271	0.00000542	24.3	0.0000194	0.000336	0.000363	0.00108
2084 Oct	80.6	0.06	0.0126	0.00104	13.7	0.0359	20.2	0.001	0.001	0.00000503	0.00711	0.00132	0.0174	0.0228	0.00000507	22.5	0.0000175	0.000301	0.000282	0.00104
2084 Nov	81.6	0.0653	0.0118	0.00103	13.4	0.0377	22.2	0.000989	0.000989	0.00000496	0.00719	0.00128	0.0183	0.0216	0.00000501	22.2	0.0000172	0.000292	0.000259	0.00104
2084 Dec	81.8	0.0655	0.0118	0.00103	13.4	0.0378	22.3	0.00099	0.00099	0.00000497	0.00721	0.00128	0.0184	0.0216	0.00000501	22.2	0.0000173	0.000293	0.000259	0.00104
2085 Jan	81.9	0.0656	0.0119	0.00103	13.4	0.0378	22.3	0.00099	0.00099	0.00000497	0.00721	0.00129	0.0184	0.0217	0.00000501	22.2	0.0000173	0.000293	0.000259	0.00104
2085 Feb	82	0.0656	0.0119	0.00104	13.5	0.0378	22.3	0.000991	0.000991	0.00000497	0.00721	0.00129	0.0184	0.0217	0.00000502	22.3	0.0000173	0.000293	0.00026	0.00104
2085 Mar	82.1	0.0657	0.0119	0.00104	13.5	0.0378	22.3	0.000992	0.000992	0.00000498	0.00722	0.00129	0.0184	0.0217	0.00000502	22.3	0.0000173	0.000294	0.000261	0.00104
2085 Apr	83	0.0664	0.012	0.00105	13.6	0.0382	22.5	0.001	0.001	0.00000502	0.00729	0.0013	0.0186	0.022	0.00000507	22.5	0.0000175	0.000297	0.000264	0.00105
2085 May	93.4	0.0688	0.0158	0.00106	16	0.0348	23.4	0.00101	0.00101	0.00000504	0.00721	0.00146	0.0181	0.0275	0.00000509	26.7	0.0000191	0.00035	0.000373	0.00114
2085 Jun	97.6	0.0614	0.0214	0.00111	18.1	0.027	17.8	0.000999	0.000999	0.00000501	0.00675	0.00155	0.0144	0.0323	0.00000504	28.7	0.0000203	0.000384	0.000478	0.00117
2085 Jul	103	0.065	0.0223	0.00121	19.4	0.0299	18.6	0.00111	0.00111	0.00000558	0.00751	0.00172	0.0155	0.0352	0.00000562	31.1	0.0000224	0.000417	0.000517	0.00127
2085 Aug	92.1	0.0565	0.0184	0.00114	17.3	0.0317	17.5	0.00109	0.00109	0.00000549	0.0072	0.00162	0.0153	0.0317	0.00000552	28.3	0.00002	0.000377	0.000448	0.0012
2085 Sep	87.3	0.0565	0.0136	0.00105	14.4	0.0372	23.5	0.00101	0.00101	0.00000507	0.00678	0.0014	0.0186	0.0246	0.00000512	24.5	0.0000165	0.000318	0.000315	0.00109
2085 Oct	89.1	0.0654	0.0121	0.00103	13.6	0.0399	27.4	0.000971	0.000971	0.00000488	0.00692	0.0013	0.0205	0.0216	0.00000494	23.2	0.0000162	0.000297	0.000261	0.00107
2085 Nov	89.7	0.0696	0.0124	0.00105	13.6	0.0402	27.2	0.000963	0.000963	0.00000484	0.00701	0.00125	0.0204	0.0206	0.0000049	22.4	0.0000163	0.000286	0.000243	0.00106
2085 Dec	89.8	0.0698	0.0125	0.00105	13.6	0.0403	27.2	0.000964	0.000964	0.00000484	0.00703	0.00125	0.0204	0.0206	0.0000049	22.5	0.0000164	0.000287	0.000243	0.00106
2086 Jan	89.9	0.0698	0.0125	0.00105	13.6	0.0402	27.2	0.000964	0.000964	0.00000484	0.00703	0.00125	0.0204	0.0207	0.0000049	22.5	0.0000164	0.000287	0.000244	0.00106
2086 Feb	90	0.0699	0.0125	0.00105	13.7	0.0402	27.2	0.000964	0.000964	0.00000485	0.00703	0.00125	0.0204	0.0207	0.0000049	22.5	0.0000164	0.000288	0.000245	0.00106
2086 Mar	90.2	0.07	0.0126	0.00105	13.7	0.0402	27.2	0.000965	0.000965	0.00000485	0.00704	0.00125	0.0204	0.0208	0.00000491	22.6	0.0000164	0.000288	0.000246	0.00107
2086 Apr	91.4	0.0709	0.0128	0.00107	13.9	0.0408	27.6	0.000978	0.000978	0.00000492	0.00713	0.00127	0.0207	0.0211	0.00000497	22.9	0.0000166	0.000292	0.00025	0.00108
2086 May	97	0.0742	0.014	0.00109	15	0.041	28.8	0.00101	0.00101	0.00000509	0.00738	0.00137	0.0213	0.0236	0.00000515	25.1	0.0000178	0.00032	0.000294	0.00114
2086 Jun	78.3	0.0415	0.0169	0.00108	13.3	0.025	14.2	0.000959	0.000959	0.00000481	0.00661	0.00122	0.0134	0.0227	0.00000484	20.7	0.0000197	0.000297	0.000311	0.000932
2086 Jul	74.8	0.0349	0.0157	0.00119	12.4	0.0272	12.8	0.00109	0.00109	0.00000547	0.00761	0.00125	0.0143	0.0214	0.0000055	19.6	0.0000226	0.000298	0.000275	0.000944
2086 Aug	70.8	0.0312	0.0132	0.00118	11.5	0.0306	13.9	0.00111	0.00111	0.00000558	0.00759	0.00126	0.0152	0.0202	0.00000561	18.9	0.0000212	0.000283	0.000242	0.000946
2086 Sep	70.8	0.036	0.0102	0.00107	10.7	0.0358	19.2	0.00103	0.00103	0.00000518	0.00691	0.00118	0.0178	0.0175	0.00000522	18.3	0.0000167	0.000259	0.000188	0.000913
2086 Oct	73.1	0.0436	0.00941	0.00105	10.8	0.0382	21.6	0.00102	0.00102	0.00000511	0.00698	0.00117	0.019	0.0172	0.00000516	18.7	0.0000162	0.000258	0.000178	0.000932
2086 Nov	73.8	0.0444	0.00948	0.00106	10.9	0.0386	21.8	0.00103	0.00103	0.00000515	0.00704	0.00118	0.0192	0.0173	0.0000052	18.9	0.0000164	0.00026	0.000179	0.000941
2086 Dec	74	0.0445	0.00951	0.00106	10.9	0.0386	21.9	0.00103	0.00103	0.00000516	0.00705	0.00118	0.0192	0.0173	0.0000052	18.9	0.0000164	0.00026	0.000179	0.000942
2087 Jan	74	0.0446	0.00953	0.00106	10.9	0.0386	21.9	0.00103	0.00103	0.00000516	0.00706	0.00118	0.0192	0.0173	0.0000052	18.9	0.0000164	0.00026	0.00018	0.000943
2087 Feb	74.2	0.0447	0.00955	0.00106	11	0.0386	21.9	0.00103	0.00103	0.00000516	0.00706	0.00118	0.0192	0.0174	0.00000521	18.9	0.0000164	0.000261	0.00018	0.000944
2087 Mar	74.4	0.0448	0.00959	0.00107	11	0.0387	22	0.00103	0.00103	0.00000518	0.00708	0.00119	0.0193	0.0174	0.00000522	19	0.0000165	0.000262	0.000181	0.000947
2087 Apr	74.9	0.0451	0.00966	0.00107	11.1	0.039	22.1	0.00104	0.00104	0.00000521	0.00713	0.0012	0.0194	0.0176	0.00000526	19.1	0.0000166	0.000263	0.000183	0.000954
2087 May	82.6	0.0505	0.0125	0.00109	13	0.037	22.4	0.00104	0.00104	0.00000522	0.00714	0.00131	0.0189	0.0215	0.00000527	22.1	0.0000177	0.000299	0.000259	0.00103
2087 Jun	91.2	0.0559	0.0201	0.00108	17.2	0.0257	15.7	0.000989	0.000989	0.00000496	0.00665	0.0015	0.0135	0.0309	0.00000498	27.2	0.00002	0.000369	0.000455	0.00111
2087 Jul	88.2	0.0533	0.0189	0.00113	16.8	0.0275	14.6	0.00107	0.00107	0.00000535	0.00721	0.00156	0.0138	0.0311	0.00000538	27.2	0.0000213	0.000374	0.000447	0.00114
2087 Aug	93.4	0.0556	0.0196	0.00123	17.8	0.0312	15.5	0.00118	0.00118	0.00000593	0.00792	0.0017	0.0151	0.0331	0.00000595	29	0.0000229	0.000398	0.000468	0.00124
2087 Sep	91.7	0.056	0.0179	0.00123	17.1	0.0336	16.9	0.00119	0.00119	0.00000596	0.00799	0.00167	0.016	0.0315	0.00000599	28.1	0.0000223	0.000384	0.000434	0.00123
2087 Oct	88.2	0.0573	0.0151	0.00115	15.5	0.0355	19.9	0.00112	0.00112	0.00000562	0.00771	0.00153	0.0173	0.0278	0.00000566	26	0.0000205	0.000349	0.000368	0.00117
2087 Nov	88.1	0.059	0.0141	0.00112	14.9	0.0365	21.7	0.0011	0.0011	0.0000055	0.00764	0.00149	0.0181	0.0264	0.00000554	25.4	0.00002	0.000338	0.000343	0.00115
2087 Dec	88.3	0.0592	0.0142	0.00112	14.9	0.0366	21.8	0.0011	0.0011	0.0000055	0.00765	0.00149	0.0181	0.0264	0.00000554	25.4	0.00002	0.000338	0.000343	0.00115
2088 Jan	88.4	0.0593	0.0142	0.00113	15	0.0366	21.8	0.0011	0.0011	0.0000055	0.00765	0.00149	0.0182	0.0264	0.00000555	25.5	0.00002	0.000339	0.000343	0.00115
2088 Feb	88.5	0.0594	0.0142	0.00113	15	0.0366	21.8	0.0011	0.0011	0.0000055	0.00765	0.00149	0.0182	0.0264	0.00000555	25.5	0.00002	0.000339	0.000344	0.00115
2088 Mar	88.8	0.0596	0.0143	0.00113	15	0.0367	21.9	0.0011	0.0011	0.00000552	0.00767	0.00149	0.0182	0.0265	0.00000556	25.6	0.0000201	0.00034	0.000345	0.00116
2088 Apr	91.1	0.0611	0.0146	0.00116	15.4	0.0377	22.5	0.00113	0.00113	0.00000566	0.00787	0.00153	0.0187	0.0272	0.0000057	26.2	0.0000206	0.000349	0.000354	0.00119
2088 May	96.4	0.0647	0.0155	0.00122	16.3	0.0398	23.8	0.00119	0.00119	0.00000598	0.00831	0.00162	0.0197	0.0288	0.00000602	27.8	0.0000218	0.000369	0.000376	0.00126
2088 Jun	69.4	0.0339	0.0117	0.00105	10.2	0.0278	16.9	0.001	0.001	0.00000501	0.00731	0.00113	0.0159	0.018	0.00000505	17.9	0.0000213	0.000272	0.000217	0.000866
2088 Jul	67.2	0.0283	0.0116	0.00117	9.84	0.0285	14.4	0.00113	0.00113	0.00000566	0.0083	0.00117	0.0162	0.0176	0.00000569	17.2	0.0000247	0.000281	0.0002	0.000878
2088 Aug	78.7	0.0334	0.0135	0.00139	11.6	0.0342	16.7	0.00134	0.00134	0.00000669	0.00977	0.00139	0.019	0.0207	0.00000673	20.3	0.0000287	0.000329	0.000233	0.00104
2088 Sep	77.3	0.0344	0.0127	0.00137	11.4	0.0353	16.9	0.00133	0.00133	0.00000667	0.00971	0.00138	0.0193	0.0202	0.0000067	20	0.000028	0.000323	0.00022	0.00103
2088 Oct	71.8	0.0501	0.00887	0.00111	10.3	0.0366	20.4	0.00108	0.00108	0.00000541	0.0082	0.00115	0.019	0.0164	0.00000546	18	0.0000214	0.000265	0.000163	0.000937

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	74.1	0.0575	0.00872	0.00108	10.6	0.0381	22.1	0.00105	0.00105	0.00000525	0.00809	0.00114	0.0195	0.0163	0.0000053	18.3	0.0000204	0.000261	0.00016	0.000952
2088 Dec	74.3	0.0577	0.00877	0.00108	10.6	0.0382	22.2	0.00105	0.00105	0.00000526	0.0081	0.00114	0.0196	0.0163	0.00000531	18.3	0.0000204	0.000261	0.00016	0.000954
2089 Jan	74.4	0.0578	0.0088	0.00108	10.6	0.0382	22.2	0.00105	0.00105	0.00000526	0.0081	0.00115	0.0196	0.0164	0.00000531	18.3	0.0000204	0.000261	0.000161	0.000955
2089 Feb	74.6	0.0579	0.00883	0.00108	10.6	0.0382	22.3	0.00105	0.00105	0.00000526	0.0081	0.00115	0.0196	0.0164	0.00000531	18.4	0.0000204	0.000262	0.000162	0.000956
2089 Mar	74.9	0.0581	0.00887	0.00109	10.7	0.0384	22.3	0.00105	0.00105	0.00000528	0.00813	0.00115	0.0196	0.0165	0.00000533	18.5	0.0000205	0.000263	0.000163	0.00096
2089 Apr	76.1	0.0591	0.00902	0.00111	10.9	0.039	22.7	0.00107	0.00107	0.00000537	0.00826	0.00117	0.0199	0.0168	0.00000541	18.8	0.0000208	0.000267	0.000166	0.000976
2089 May	84.6	0.0633	0.013	0.00112	13.6	0.036	21.5	0.00107	0.00107	0.00000538	0.00804	0.00135	0.0185	0.0228	0.00000542	22.9	0.0000213	0.000317	0.000281	0.00107
2089 Jun	94.8	0.0645	0.021	0.00109	18.7	0.0261	15.1	0.00103	0.00103	0.00000517	0.00711	0.00165	0.0133	0.0347	0.00000519	30	0.0000216	0.000405	0.000516	0.0012
2089 Jul	93.8	0.061	0.0201	0.00115	18.4	0.0286	15.3	0.00111	0.00111	0.00000554	0.00752	0.00169	0.014	0.0344	0.00000556	29.8	0.0000222	0.000403	0.0005	0.00123
2089 Aug	95.9	0.0568	0.0193	0.00123	17.9	0.0334	17.8	0.00119	0.00119	0.00000595	0.00784	0.00174	0.0158	0.0336	0.00000598	29.7	0.0000221	0.000397	0.000473	0.00128
2089 Sep	94.6	0.0566	0.0167	0.00118	16.5	0.0362	21.7	0.00115	0.00115	0.00000575	0.00766	0.00164	0.0178	0.0302	0.00000579	28.1	0.0000206	0.000369	0.00041	0.00124
2089 Oct	91	0.0686	0.0117	0.00105	13.6	0.0406	28.5	0.001	0.001	0.00000504	0.00736	0.00134	0.0208	0.0223	0.0000051	23.9	0.0000178	0.000303	0.000271	0.00112
2089 Nov	91.8	0.072	0.0117	0.00106	13.7	0.0414	28.9	0.00101	0.00101	0.00000506	0.00749	0.00134	0.0211	0.0221	0.00000512	23.8	0.000018	0.000301	0.000264	0.00112
2089 Dec	92	0.0722	0.0117	0.00106	13.7	0.0415	28.9	0.00101	0.00101	0.00000507	0.0075	0.00134	0.0212	0.0221	0.00000513	23.8	0.000018	0.000302	0.000264	0.00113
2090 Jan	92.2	0.0723	0.0117	0.00106	13.8	0.0416	29	0.00101	0.00101	0.00000507	0.00751	0.00134	0.0212	0.0221	0.00000514	23.9	0.000018	0.000302	0.000265	0.00113
2090 Feb	92.3	0.0724	0.0118	0.00106	13.8	0.0416	29	0.00101	0.00101	0.00000508	0.00751	0.00134	0.0212	0.0222	0.00000514	23.9	0.000018	0.000303	0.000265	0.00113
2090 Mar	92.6	0.0726	0.0118	0.00106	13.8	0.0417	29.1	0.00101	0.00101	0.00000509	0.00753	0.00135	0.0213	0.0222	0.00000515	24	0.0000181	0.000304	0.000266	0.00113
2090 Apr	93.5	0.0733	0.0119	0.00107	14	0.0421	29.3	0.00102	0.00102	0.00000514	0.0076	0.00136	0.0215	0.0225	0.0000052	24.2	0.0000183	0.000307	0.000269	0.00114
2090 May	98.6	0.0756	0.0127	0.0011	14.7	0.0431	31.2	0.00105	0.00105	0.00000529	0.00782	0.00142	0.0225	0.0238	0.00000536	25.7	0.0000191	0.000325	0.000292	0.00119
2090 Jun	83.9	0.0443	0.0171	0.00108	14	0.026	17	0.000979	0.000979	0.00000491	0.00678	0.0013	0.0148	0.0245	0.00000494	22.7	0.0000205	0.000321	0.000343	0.00099
2090 Jul	80	0.0397	0.0159	0.00116	13.3	0.0274	15.3	0.00108	0.00108	0.00000542	0.00758	0.00133	0.0151	0.0238	0.00000545	21.9	0.0000228	0.000323	0.00032	0.000999
2090 Aug	71.4	0.0347	0.0112	0.00107	11.2	0.0346	18	0.00102	0.00102	0.00000511	0.00663	0.00121	0.0169	0.0189	0.00000515	19	0.000016	0.000264	0.000215	0.000922
2090 Sep	76.5	0.0486	0.0111	0.00107	11.9	0.0383	20.7	0.000998	0.000998	0.00000501	0.00667	0.00118	0.0183	0.0182	0.00000505	19.3	0.0000148	0.000259	0.000197	0.00095
2090 Oct	79.2	0.0684	0.011	0.00106	12.6	0.0403	21.4	0.000967	0.000967	0.00000485	0.007	0.00114	0.0183	0.0179	0.0000049	19.3	0.0000151	0.00025	0.000187	0.000984
2090 Nov	78.7	0.0724	0.0109	0.00106	12.7	0.0403	20.9	0.000958	0.000958	0.00000481	0.00707	0.00113	0.0179	0.0178	0.00000485	19.1	0.0000153	0.000247	0.000186	0.000986
2090 Dec	79.1	0.0726	0.011	0.00106	12.8	0.0403	20.9	0.00096	0.00096	0.00000482	0.00709	0.00113	0.018	0.0179	0.00000486	19.2	0.0000153	0.000248	0.000187	0.000989
2091 Jan	79.2	0.0727	0.0111	0.00106	12.8	0.0403	21	0.000961	0.000961	0.00000482	0.0071	0.00113	0.018	0.018	0.00000487	19.2	0.0000154	0.000249	0.000188	0.00099
2091 Feb	79.3	0.0727	0.0111	0.00106	12.8	0.0403	21	0.000961	0.000961	0.00000483	0.0071	0.00114	0.018	0.018	0.00000487	19.3	0.0000154	0.000249	0.000189	0.000991
2091 Mar	79.7	0.0731	0.0112	0.00106	12.9	0.0405	21.1	0.000965	0.000965	0.00000485	0.00713	0.00114	0.018	0.0181	0.00000489	19.4	0.0000154	0.000251	0.000191	0.000996
2091 Apr	81.3	0.0745	0.0114	0.00108	13.1	0.0412	21.5	0.000983	0.000983	0.00000494	0.00726	0.00116	0.0184	0.0185	0.00000498	19.8	0.0000157	0.000255	0.000195	0.00102
2091 May	87	0.0766	0.0134	0.00112	14.6	0.0404	21.6	0.00102	0.00102	0.00000513	0.00747	0.00129	0.0183	0.0219	0.00000517	22.3	0.0000171	0.00029	0.000256	0.00109
2091 Jun	87.7	0.0546	0.0195	0.00109	16.4	0.0257	14.4	0.000984	0.000984	0.00000493	0.00669	0.00143	0.0131	0.029	0.00000496	25.5	0.0000199	0.00035	0.00042	0.00107
2091 Jul	97.9	0.0605	0.0216	0.00126	18.4	0.0294	15.7	0.00115	0.00115	0.00000578	0.0079	0.00165	0.0149	0.033	0.00000581	29	0.0000236	0.000402	0.000475	0.00122
2091 Aug	83.6	0.0493	0.0159	0.00113	15.1	0.032	16.4	0.00108	0.00108	0.00000543	0.00724	0.00146	0.0157	0.0269	0.00000546	24.6	0.0000196	0.000341	0.00036	0.00108
2091 Sep	80.8	0.0477	0.0124	0.00107	13.3	0.0373	20.8	0.00104	0.00104	0.00000519	0.00677	0.00133	0.0185	0.0223	0.00000523	22.4	0.0000158	0.000305	0.00027	0.00101
2091 Oct	83.7	0.058	0.0113	0.00103	12.9	0.0395	24.7	0.000983	0.000983	0.00000494	0.0068	0.00125	0.02	0.0202	0.00000499	21.7	0.0000154	0.000287	0.000233	0.00101
2091 Nov	86.2	0.0689	0.0113	0.00104	13	0.0409	25.9	0.000965	0.000965	0.00000485	0.00703	0.0012	0.0203	0.0193	0.00000491	21.3	0.0000158	0.000276	0.000215	0.00102
2091 Dec	86.4	0.0695	0.0113	0.00105	13.1	0.041	25.9	0.000967	0.000967	0.00000486	0.00706	0.0012	0.0204	0.0193	0.00000491	21.3	0.0000158	0.000276	0.000215	0.00103
2092 Jan	86.5	0.0696	0.0114	0.00105	13.1	0.041	26	0.000967	0.000967	0.00000486	0.00706	0.00121	0.0204	0.0194	0.00000492	21.4	0.0000158	0.000277	0.000216	0.00103
2092 Feb	86.7	0.0697	0.0114	0.00105	13.1	0.041	26	0.000968	0.000968	0.00000486	0.00706	0.00121	0.0204	0.0194	0.00000492	21.4	0.0000158	0.000277	0.000217	0.00103
2092 Mar	87.2	0.0702	0.0115	0.00105	13.2	0.0412	26.1	0.000974	0.000974	0.00000489	0.0071	0.00122	0.0205	0.0196	0.00000495	21.6	0.0000159	0.000279	0.000219	0.00104
2092 Apr	88.6	0.0713	0.0117	0.00107	13.4	0.0419	26.5	0.000988	0.000988	0.00000497	0.00721	0.00124	0.0208	0.0199	0.00000502	21.9	0.0000162	0.000284	0.000223	0.00105
2092 May	95.3	0.073	0.0139	0.0011	15	0.0406	27	0.00102	0.00102	0.00000512	0.00737	0.00136	0.0207	0.0236	0.00000518	24.7	0.0000177	0.000321	0.000292	0.00113
2092 Jun	78.2	0.0429	0.0175	0.00105	14	0.0237	12.8	0.000932	0.000932	0.00000468	0.00632	0.00124	0.0124	0.0241	0.0000047	21.5	0.0000189	0.000304	0.00034	0.000939
2092 Jul	70.7	0.0343	0.0148	0.00109	12.1	0.0246	11.9	0.00102	0.00102	0.00000509	0.00711	0.00122	0.0131	0.0218	0.00000511	19.6	0.0000214	0.000295	0.000289	0.000905
2092 Aug	77.2	0.037	0.0155	0.0012	13.1	0.0286	13.8	0.00113	0.00113	0.00000567	0.00786	0.00135	0.0151	0.0235	0.0000057	21.4	0.0000232	0.000321	0.000305	0.000999
2092 Sep	78	0.0363	0.013	0.00113	12	0.0317	18.9	0.00109	0.00109	0.00000548	0.00757	0.0013	0.0176	0.0213	0.00000551	21	0.0000214	0.000308	0.000264	0.000978
2092 Oct	85	0.0419	0.0114	0.00108	11.5	0.0353	26.8	0.00104	0.00104	0.00000524	0.00741	0.00126	0.0211	0.0197	0.0000053	21.6	0.0000203	0.000304	0.000237	0.000994
2092 Nov	87.5	0.0445	0.0111	0.00107	11.5	0.0365	28.9	0.00104	0.00104	0.00000521	0.00744	0.00126	0.0221	0.0195	0.00000527	21.9	0.0000202	0.000305	0.000233	0.00101
2092 Dec	87.7	0.0448	0.0112	0.00107	11.5	0.0366	29	0.00104	0.00104	0.00000521	0.00745	0.00126	0.0221	0.0195	0.00000528	21.9	0.0000202	0.000306	0.000233	0.00101
2093 Jan	87.8	0.0449	0.0112	0.00107	11.6	0.0366	29	0.00104	0.00104	0.00000521	0.00746	0.00126	0.0221	0.0195	0.00000528	22	0.0000202	0.000306	0.000233	0.00101
2093 Feb	87.9	0.045	0.0112	0.00108	11.6	0.0366	29	0.00104	0.00104	0.00000522	0.00746	0.00126	0.0221	0.0196	0.00000528	22	0.0000203	0.000306	0.000234	0.00101
2093 Mar	88.6	0.0454	0.0113	0.00108	11.7	0.0369	29.2	0.00105	0.00105	0.00000526	0.00752	0.00127	0.0223	0.0197	0.00000532	22.2	0.0000204	0.000309	0.000236	0.00102
2093 Apr	90.1	0.0461	0.0115	0.0011	11.9	0.0375	29.7	0.00106	0.00106	0.00000534	0.00764	0.00129	0.0227	0.0201	0.00000541	22.6	0.0000208	0.000314	0.000241	0.00104
2093 May	99.4	0.052	0.0133	0.00112	13.5	0.0379	32.6	0.00108	0.00108	0.00000541	0.00773	0.00141	0.0237	0.0233	0.00000549	25.6	0.0000216	0.000349	0.0003	0.00112
2093 Jun	89.5	0.0502	0.0191	0.00107	15.8	0.0255	17	0.000968	0.000968	0.00000486	0.00657	0.0014	0.0142	0.0281	0.00000489	25.4	0.00002	0.000349	0.000409	0.00105
2093 Jul	91	0.0501	0.0192	0.00118	16.3	0.0279	16.4	0.00109	0.00109	0.00000545	0.00739	0.00151	0.015	0.0293	0.00000548	26.3	0.0000222	0.000367	0.000418	0.00112
2093 Aug	92.3	0.0503	0.019	0.00125	16.6	0.0308	16.6	0.00117	0.00117	0.00000588	0.00793	0.0016	0.0158	0.0303	0.00000591	27.1	0.0000233	0.000379	0.000423	0.00118
2093 Sep	88.9	0.051	0.0161	0.00118	15.2	0.0334	19.3	0.00113	0.00113	0.00000568	0.00775	0.00151	0.0172	0.0273	0.00000571	25.6	0.0000216	0.000353	0.000367	0.00114
2093 Oct	85.9	0.0671	0.011	0.00102	12.8	0.0387	26.4	0.000979	0.000979	0.00000492	0.00736	0.00126	0.0201	0.0206	0.00000498	22.3	0.0000181	0.00029	0.000244	0.00105
2093 Nov	86.2	0.0758	0.0105	0.00102	12.9	0.0406	26.8	0.000967	0.000967	0.00000486	0.00749	0.00123	0.0204	0.0199	0.00000492	21.9	0.0000177	0.000281	0.000226	0.00106
2093 Dec	86.5	0.0761	0.0106	0.00103	13	0.0407	26.8	0.00097	0.00097	0.00000487	0.00751	0.00124	0.0204	0.02	0.00000493	22	0.0000178	0.000282	0.000227	0.00106
2094 Jan	86.7	0.0762	0.0106	0.00103	13	0.0407	26.9	0.00097	0.00097	0.00000487	0.00751	0.00124	0.0204	0.02	0.00000493	22	0.0000178	0.000283	0.000228	0.00106
2094 Feb	86.8	0.0762	0.0107	0.00103	13.1	0.0407	26.9	0.000971	0.000971	0.00000488	0.00751	0.00124	0.0204	0.0201	0.00000493	22.1	0.0000178	0.000283	0.000229	0.00106
2094 Mar	87.2	0.0766	0.0108	0.00103	13.1	0.0408	27	0.000975	0.000975	0.0000049	0.00754	0.00125	0.0205	0.0202	0.00000495	22.2	0.0000179	0.000285	0.000231	0.00107
2094 Apr	88.2	0.0774	0.0109	0.00104	13.3	0.0413	27.3	0.000985	0.000985	0.00000495	0.00762	0.00126	0.0207	0.0205	0.00000501	22.4	0.0000181	0.000288	0.000234	0.00108
2094 May	94.3	0.0744	0.0144	0.00107	15.1	0.0375	25.8	0.000995	0.000995	0.000005	0.0074	0.00138	0.0194	0.0247	0.00000505	25.1	0.0000189	0.000325	0.000319	0.00113
2094 Jun	102	0.0659	0.0215	0.00112	18.9	0.0282	19.7	0.00103	0.00103	0.00000516	0.00703	0.00163	0.0154	0.0341	0.00000519	30.5	0.0000212	0.000406	0.000507	0.00122
2094 Jul	118	0.0755	0.0245	0.00131	21.7	0.033	22.7	0.00122	0.00122	0.0000061	0.00835	0.00192	0.018	0.0397	0.00000614	35.5	0.0000252	0.000475	0.000588	0.00143
2094 Aug	139	0.089	0.0288	0.00156	25.7	0.0396	26.6	0.00145	0.00145	0.00000727	0.00993	0.00228	0.0213	0.0469	0.00000732	41.9	0.0000298	0.000561	0.000692	0.00169
2094 Sep	122	0.0793	0.0221	0.00135	21.2	0.0393	28.5	0.00129	0.00129	0.00000647	0.00903	0.00196	0.0218	0.0385	0.00000653	36.1	0.0000261	0.00048	0.000552	0.00149
2094 Oct	108	0.079	0.0148	0.00112	16.5	0.0412	33.2	0.00109	0.00109	0.00000547	0.00815	0.00156	0.0235	0.0281	0.00000554	29.4	0.0000218	0.000381	0.000374	0.00127
2094 Nov	99.2	0.0855	0.0105	0.00101	14	0.0438	35	0.000981	0.000981	0.00000493	0.00784	0.00133	0.0242	0.0219	0.00000501	25.2	0.0000191	0.000318	0.000261	0.00116
2094 Dec	98.8	0.0861	0.0104	0.00101	13.9	0.0439	34.9	0.000977	0.000977	0.00000491	0.00784	0.00132	0.0241	0.0216	0.00000499	25	0.000019	0.000315	0.000255	0.00115
2095 Jan	99.1	0.0862	0.0104	0.00101	13.9	0.044	35	0.000978	0.000978	0.00000492	0.00784	0.00132	0.0242	0.0216	0.000005	25.1	0.000019	0.000315	0.000256	0.00116
2095 Feb	99.2	0.0863	0.0105	0.00101	13.9	0.044	35	0.000978	0.000978	0.00000492	0.00784	0.00132	0.0242	0.0217	0.000005	25.1	0.000019	0.000316	0.000257	0.00116
2095 Mar	99.5	0.0865	0.0106	0.00102	14	0.044	35.1	0.000981	0.000981	0.00000493	0.00786	0.00133	0.0242	0.0218	0.00000501	25.2	0.0000191	0.000317	0.000259	0.00116

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	101	0.0878	0.0107	0.00103	14.2	0.0447	35.6	0.000994	0.000994	0.000005	0.00797	0.00135	0.0246	0.0221	0.00000508	25.6	0.0000193	0.000322	0.000263	0.00118
2095 May	102	0.0837	0.0141	0.00104	16	0.0394	30.4	0.001	0.001	0.00000503	0.00771	0.00147	0.0215	0.0268	0.0000051	27.8	0.00002	0.000356	0.000356	0.00121
2095 Jun	107	0.0775	0.0211	0.00112	19.9	0.031	22.4	0.00106	0.00106	0.00000532	0.00754	0.00176	0.0168	0.0366	0.00000536	33.1	0.0000223	0.000435	0.000542	0.00131
2095 Jul	120	0.0857	0.0236	0.00128	22.4	0.0358	24.5	0.00123	0.00123	0.00000617	0.00865	0.00201	0.0189	0.0414	0.00000621	37.3	0.0000253	0.00049	0.000609	0.00149
2095 Aug	97.6	0.067	0.0184	0.00116	18.5	0.0347	19.5	0.00114	0.00114	0.0000057	0.00763	0.00174	0.0164	0.0342	0.00000573	30.7	0.0000207	0.000402	0.000483	0.00129
2095 Sep	90.5	0.0599	0.0154	0.00112	16.4	0.0376	20.6	0.0011	0.0011	0.00000551	0.00718	0.00159	0.0175	0.0294	0.00000555	27.5	0.0000177	0.000358	0.000391	0.00119
2095 Oct	91	0.0605	0.0142	0.0011	15.8	0.0391	22.9	0.00108	0.00108	0.00000542	0.00713	0.00154	0.0188	0.0277	0.00000547	26.8	0.0000171	0.000347	0.000361	0.00118
2095 Nov	92.1	0.0645	0.0121	0.00105	14.5	0.0414	27.8	0.00103	0.00103	0.00000516	0.00706	0.00142	0.0211	0.0243	0.00000522	25.4	0.0000163	0.000324	0.000302	0.00114
2095 Dec	93.1	0.0661	0.0119	0.00105	14.4	0.042	28.9	0.00102	0.00102	0.00000513	0.0071	0.00141	0.0216	0.0238	0.00000519	25.3	0.0000164	0.000322	0.000294	0.00114
2096 Jan	93.4	0.0663	0.012	0.00105	14.4	0.042	29	0.00102	0.00102	0.00000513	0.00711	0.00141	0.0216	0.0239	0.0000052	25.4	0.0000164	0.000323	0.000295	0.00114
2096 Feb	93.6	0.0665	0.012	0.00105	14.5	0.0421	29	0.00102	0.00102	0.00000514	0.00711	0.00141	0.0217	0.024	0.0000052	25.5	0.0000164	0.000324	0.000296	0.00114
2096 Mar	93.9	0.0667	0.0121	0.00105	14.5	0.0422	29.1	0.00103	0.00103	0.00000515	0.00713	0.00142	0.0217	0.0241	0.00000522	25.5	0.0000165	0.000325	0.000298	0.00114
2096 Apr	95.2	0.0676	0.0123	0.00107	14.7	0.0427	29.5	0.00104	0.00104	0.00000522	0.00723	0.00144	0.022	0.0244	0.00000529	25.9	0.0000167	0.000329	0.000302	0.00116
2096 May	105	0.07	0.0139	0.00108	15.8	0.0424	33.5	0.00105	0.00105	0.00000529	0.00737	0.00153	0.0236	0.0269	0.00000536	28.6	0.0000182	0.000364	0.000352	0.00123
2096 Jun	77.6	0.0375	0.0155	0.00107	12.3	0.0257	16.1	0.00096	0.00096	0.00000482	0.00668	0.00117	0.0146	0.0208	0.00000485	19.8	0.00002	0.000288	0.000279	0.000905
2096 Jul	75.1	0.0329	0.015	0.0012	11.8	0.0275	14	0.0011	0.0011	0.0000055	0.00773	0.00122	0.0152	0.0202	0.00000553	19	0.0000231	0.000294	0.000254	0.000926
2096 Aug	83.5	0.0366	0.0164	0.00135	13.2	0.0319	15.7	0.00125	0.00125	0.00000627	0.00877	0.00138	0.0173	0.0226	0.0000063	21.3	0.0000259	0.00033	0.00028	0.00105
2096 Sep	77.3	0.0437	0.0122	0.00119	11.7	0.0344	18.6	0.00113	0.00113	0.00000567	0.00816	0.00125	0.0181	0.0194	0.00000571	19.7	0.0000223	0.000293	0.000222	0.000982
2096 Oct	76.5	0.0694	0.00808	0.00101	11.2	0.0401	24.1	0.000979	0.000979	0.00000492	0.0077	0.00113	0.0198	0.0167	0.00000497	19	0.0000181	0.000255	0.000166	0.000975
2096 Nov	77.5	0.0752	0.00785	0.00101	11.5	0.0414	24.5	0.000979	0.000979	0.00000491	0.0078	0.00114	0.02	0.0169	0.00000497	19.3	0.0000179	0.000255	0.000166	0.000995
2096 Dec	77.7	0.0753	0.00792	0.00101	11.5	0.0414	24.6	0.00098	0.00098	0.00000492	0.00781	0.00114	0.02	0.017	0.00000497	19.4	0.000018	0.000256	0.000167	0.000997
2097 Jan	77.8	0.0754	0.00797	0.00101	11.6	0.0414	24.6	0.00098	0.00098	0.00000492	0.00781	0.00114	0.0201	0.017	0.00000497	19.4	0.000018	0.000256	0.000168	0.000998
2097 Feb	78	0.0754	0.00801	0.00101	11.6	0.0414	24.6	0.000981	0.000981	0.00000492	0.0078	0.00115	0.0201	0.0171	0.00000498	19.5	0.000018	0.000257	0.000169	0.000999
2097 Mar	78.2	0.0756	0.00804	0.00102	11.6	0.0415	24.7	0.000983	0.000983	0.00000494	0.00782	0.00115	0.0201	0.0171	0.00000499	19.5	0.000018	0.000258	0.000169	0.001
2097 Apr	79.6	0.0769	0.00819	0.00103	11.8	0.0422	25.1	0.001	0.001	0.00000502	0.00796	0.00117	0.0204	0.0174	0.00000507	19.9	0.0000183	0.000262	0.000173	0.00102
2097 May	85.2	0.0806	0.0102	0.00107	13.4	0.0418	24.9	0.00103	0.00103	0.00000519	0.00813	0.00129	0.0203	0.0209	0.00000525	22.4	0.0000193	0.000295	0.000234	0.00109
2097 Jun	93.4	0.063	0.0193	0.00111	17.1	0.0286	17.4	0.00102	0.00102	0.00000512	0.00714	0.00151	0.0148	0.0304	0.00000515	27.3	0.0000209	0.00037	0.000436	0.00114
2097 Jul	103	0.0688	0.0212	0.00127	19.1	0.0325	18.4	0.00118	0.00118	0.00000594	0.00826	0.00172	0.0164	0.0342	0.00000597	30.5	0.0000241	0.000416	0.000487	0.00129
2097 Aug	104	0.069	0.021	0.00133	19.4	0.0349	18.5	0.00126	0.00126	0.0000063	0.00869	0.0018	0.0171	0.035	0.00000633	31.2	0.0000248	0.000427	0.000492	0.00134
2097 Sep	101	0.0677	0.0197	0.00132	18.8	0.0362	18.6	0.00126	0.00126	0.00000632	0.0087	0.00177	0.0174	0.0339	0.00000635	30.5	0.0000243	0.000417	0.000468	0.00132
2097 Oct	91.5	0.0654	0.0158	0.00119	16.5	0.0366	19.4	0.00116	0.00116	0.00000582	0.00814	0.00159	0.0175	0.0292	0.00000585	27.2	0.0000216	0.000368	0.000387	0.00121
2097 Nov	87.6	0.0669	0.0138	0.00113	15.3	0.0374	20.6	0.0011	0.0011	0.00000553	0.00789	0.00148	0.018	0.0265	0.00000557	25.4	0.0000203	0.00034	0.000339	0.00116
2097 Dec	87.8	0.0679	0.0134	0.00112	15	0.0379	21.5	0.00109	0.00109	0.00000546	0.00785	0.00146	0.0183	0.0258	0.0000055	25.1	0.00002	0.000335	0.000327	0.00115
2098 Jan	88.1	0.0681	0.0135	0.00112	15.1	0.0379	21.7	0.00109	0.00109	0.00000546	0.00786	0.00146	0.0184	0.0258	0.0000055	25.2	0.00002	0.000335	0.000328	0.00115
2098 Feb	88.3	0.0683	0.0135	0.00112	15.1	0.0379	21.7	0.00109	0.00109	0.00000546	0.00786	0.00146	0.0184	0.0259	0.0000055	25.2	0.00002	0.000336	0.000329	0.00115
2098 Mar	88.5	0.0684	0.0136	0.00112	15.1	0.038	21.8	0.00109	0.00109	0.00000546	0.00787	0.00147	0.0184	0.026	0.00000551	25.3	0.00002	0.000337	0.000331	0.00115
2098 Apr	89.4	0.0693	0.0137	0.00113	15.3	0.0384	22.1	0.0011	0.0011	0.00000551	0.00793	0.00148	0.0186	0.0262	0.00000555	25.6	0.0000202	0.00034	0.000334	0.00116
2098 May	95.2	0.0712	0.0169	0.00111	17.2	0.0344	20.9	0.00107	0.00107	0.00000538	0.00763	0.00159	0.0171	0.0307	0.00000542	28.5	0.0000207	0.000377	0.000425	0.00121
2098 Jun	87.8	0.0541	0.0204	0.00109	16.9	0.0242	12.7	0.000977	0.000977	0.0000049	0.00653	0.00145	0.012	0.0301	0.00000492	25.9	0.0000197	0.000355	0.000443	0.00108
2098 Jul	99.6	0.0607	0.023	0.00128	19.3	0.0284	14.1	0.00116	0.00116	0.00000582	0.00778	0.00169	0.0139	0.0346	0.00000584	29.7	0.0000235	0.00041	0.000505	0.00125
2098 Aug	86.2	0.0526	0.0184	0.00119	16.8	0.0301	12.9	0.00113	0.00113	0.00000564	0.00746	0.00157	0.0139	0.0303	0.00000566	26.4	0.0000209	0.000367	0.000422	0.00114
2098 Sep	78.7	0.0579	0.012	0.00103	13.4	0.0361	19.4	0.000992	0.000992	0.00000497	0.00689	0.00129	0.0172	0.0221	0.00000501	22	0.0000163	0.000295	0.00027	0.00101
2098 Oct	82.7	0.0742	0.0108	0.00102	13.2	0.04	23.4	0.000958	0.000958	0.00000481	0.00719	0.00121	0.0189	0.0199	0.00000486	21.2	0.0000162	0.000274	0.000224	0.00103
2098 Nov	85.7	0.0776	0.0117	0.00105	13.6	0.0405	23.9	0.000965	0.000965	0.00000485	0.00729	0.00121	0.0191	0.02	0.0000049	21.4	0.0000166	0.000275	0.000226	0.00105
2098 Dec	86	0.0779	0.0117	0.00106	13.6	0.0405	24	0.000967	0.000967	0.00000486	0.00731	0.00121	0.0192	0.02	0.00000491	21.4	0.0000166	0.000276	0.000227	0.00105
2099 Jan	86.2	0.078	0.0118	0.00106	13.6	0.0405	24	0.000968	0.000968	0.00000486	0.00732	0.00122	0.0192	0.0201	0.00000491	21.5	0.0000166	0.000276	0.000228	0.00105
2099 Feb	86.4	0.0781	0.0118	0.00106	13.7	0.0405	24.1	0.000969	0.000969	0.00000487	0.00732	0.00122	0.0192	0.0202	0.00000492	21.6	0.0000167	0.000277	0.000229	0.00105
2099 Mar	86.9	0.0786	0.0119	0.00106	13.8	0.0408	24.2	0.000974	0.000974	0.00000489	0.00736	0.00123	0.0193	0.0203	0.00000494	21.7	0.0000168	0.000279	0.000231	0.00106
2099 Apr	89.3	0.0812	0.0122	0.00108	14.2	0.0417	24.9	0.000995	0.000995	0.000005	0.00753	0.00127	0.0198	0.0211	0.00000505	22.5	0.0000172	0.000288	0.000242	0.00109
2099 May	100	0.0763	0.0208	0.00106	19.4	0.0295	18.7	0.000974	0.000974	0.00000489	0.00671	0.00162	0.0145	0.0344	0.00000492	30.6	0.000019	0.000395	0.000508	0.00123
2099 Jun	96	0.0639	0.0219	0.00108	18.9	0.0249	14.9	0.000985	0.000985	0.00000494	0.00661	0.00161	0.0126	0.0346	0.00000496	29.8	0.0000202	0.000397	0.000521	0.00118
2099 Jul	104	0.068	0.0233	0.00121	20.5	0.0283	16.3	0.00113	0.00113	0.00000568	0.00766	0.0018	0.0143	0.038	0.0000057	32.8	0.0000233	0.000442	0.000568	0.00131
2099 Aug	109	0.07	0.0232	0.0013	21.2	0.0329	18.1	0.00124	0.00124	0.0000062	0.00827	0.00191	0.0163	0.0392	0.00000623	34.2	0.0000242	0.000461	0.000572	0.00139
2099 Sep	92.5	0.0612	0.0162	0.00112	16.6	0.0354	20.7	0.00109	0.00109	0.00000544	0.00731	0.00157	0.0176	0.0295	0.00000548	27.7	0.0000191	0.000369	0.000402	0.00118
2099 Oct	87	0.0686	0.0121	0.00103	14.3	0.0388	24	0.001	0.001	0.00000503	0.00718	0.00137	0.0192	0.0238	0.00000508	24.3	0.0000171	0.000316	0.000296	0.00109
2099 Nov	87.9	0.0747	0.0114	0.00102	13.9	0.0404	26.1	0.000974	0.000974	0.00000489	0.00727	0.0013	0.02	0.022	0.00000495	23.3	0.0000169	0.0003	0.000262	0.00108
2099 Dec	88.4	0.0751	0.0115	0.00102	13.9	0.0405	26.1	0.000977	0.000977	0.00000491	0.00729	0.00131	0.0201	0.0221	0.00000496	23.4	0.0000169	0.000301	0.000264	0.00108
2100 Jan	88.6	0.0752	0.0116	0.00103	14	0.0405	26.1	0.000977	0.000977	0.00000491	0.00729	0.00131	0.0201	0.0221	0.00000496	23.5	0.000017	0.000301	0.000265	0.00109
2100 Feb	88.7	0.0753	0.0116	0.00103	14	0.0405	26.2	0.000978	0.000978	0.00000491	0.00729	0.00131	0.0201	0.0222	0.00000497	23.5	0.000017	0.000302	0.000266	0.00109
2100 Mar	88.9	0.0754	0.0117	0.00103	14	0.0405	26.2	0.000979	0.000979	0.00000492	0.0073	0.00131	0.0201	0.0223	0.00000497	23.6	0.000017	0.000303	0.000267	0.00109
2100 Apr	90.6	0.0769	0.0119	0.00105	14.3	0.0412	26.7	0.000998	0.000998	0.00000501	0.00744	0.00134	0.0205	0.0227	0.00000507	24	0.0000173	0.000308	0.000273	0.00111
2100 May	97.6	0.0766	0.0152	0.00105	16.4	0.037	25.9	0.00101	0.00101	0.00000505	0.00735	0.00149	0.0193	0.0281	0.0000051	27.8	0.000019	0.000359	0.00038	0.00119
2100 Jun	85.5	0.0509	0.0193	0.00107	15.7	0.0244	13.9	0.000947	0.000947	0.00000475	0.00639	0.00136	0.0126	0.0276	0.00000477	24.3	0.0000192	0.000334	0.0004	0.00102
2100 Jul	82.1	0.0465	0.018	0.00111	15	0.0253	13.2	0.00102	0.00102	0.0000051	0.00696	0.00138	0.0131	0.0268	0.00000512	23.6	0.0000209	0.000335	0.000379	0.00102
2100 Aug	74.5	0.0397	0.014	0.00104	12.9	0.0287	15	0.000995	0.000995	0.00000499	0.00667	0.00129	0.0144	0.0232	0.00000502	21.4	0.0000184	0.000301	0.000306	0.00096
2100 Sep	74.8	0.0409	0.0121	0.00103	12.3	0.0333	18.1	0.000998	0.000998	0.000005	0.00658	0.00126	0.0166	0.0212	0.00000504	20.8	0.0000164	0.000288	0.000261	0.000951
2100 Oct	76.6	0.0441	0.0115	0.00103	12.3	0.0352	20	0.001	0.001	0.00000502	0.00665	0.00126	0.0177	0.0208	0.00000506	21	0.0000161	0.000287	0.00025	0.000963
2100 Nov	77.4	0.0451	0.0115	0.00104	12.3	0.0357	20.6	0.001	0.001	0.00000503	0.0067	0.00126	0.018	0.0207	0.00000507	21.1	0.0000161	0.000288	0.000248	0.00097
2100 Dec	77.7	0.0453	0.0115	0.00104	12.4	0.0358	20.7	0.00101	0.00101	0.00000504	0.00672	0.00127	0.0181	0.0208	0.00000509	21.2	0.0000162	0.000289	0.000249	0.000973
2101 Jan	77.8	0.0454	0.0115	0.00104	12.4	0.0358	20.7	0.00101	0.00101	0.00000505	0.00672	0.00127	0.0181	0.0208	0.00000509	21.2	0.0000162	0.000289	0.000249	0.000974
2101 Feb	77.9	0.0455	0.0116	0.00104	12.4	0.0358	20.7	0.00101	0.00101	0.00000505	0.00672	0.00127	0.0181	0.0208	0.00000509	21.2	0.0000162	0.00029	0.000249	0.000975
2101 Mar	78	0.0456	0.0116	0.00104	12.4	0.0359	20.7	0.00101	0.00101	0.00000505	0.00673	0.00127	0.0181	0.0209	0.0000051	21.2	0.0000162	0.00029	0.00025	0.000976
2101 Apr	78.9	0.0461	0.0117	0.00105	12.6	0.0363	21	0.00102	0.00102	0.00000511	0.00681	0.00128	0.0183	0.0211	0.00000515	21.5	0.0000164	0.000293	0.000253	0.000987
2101 May	90.8	0.056	0.0162	0.00107	15.7	0.0328	20.9	0.00102	0.00102	0.00000513	0.00686	0.00148	0.0172	0.0279	0.00000517	26.4	0.0000184	0.000354	0.000384	0.00111
2101 Jun	91	0.0545	0.0203	0.0011	16.9	0.0256	15.1	0.000984	0.000984	0.00000494	0.00658	0.00147	0.0133	0.0302	0.00000496	26.5	0.0000197	0.000361	0.000442	0.00109
2101 Jul	105	0.0618	0.0232	0.00129	19.4	0.03	17.2	0.00116	0.00116	0.00000584	0.00782	0.00171	0.0155	0.0347	0.00000587	30.5	0.0000235	0.000418	0.000505	0.00127
2101 Aug	117	0.0691	0.0256	0.00146	21.7	0.0347	19.4	0.00133	0.00133	0.00000667	0.00889	0.00193	0.0177	0.0389	0.0000067	34.2	0.0000263	0.00047	0.000562	0.00143

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	97.1	0.0607	0.0185	0.00124	17.6	0.0345	19.2	0.00118	0.00118	0.00000591	0.00801	0.00165	0.0175	0.0314	0.00000595	28.8	0.0000222	0.000396	0.000433	0.00123
2101 Oct	94.2	0.0631	0.0158	0.00116	16.1	0.0363	22.2	0.00112	0.00112	0.00000561	0.00781	0.00154	0.0188	0.0282	0.00000565	27.1	0.0000209	0.000368	0.000377	0.00118
2101 Nov	92.2	0.0686	0.0128	0.00107	14.5	0.0387	26.5	0.00104	0.00104	0.0000052	0.00759	0.0014	0.0205	0.0243	0.00000525	25.1	0.0000193	0.000333	0.000307	0.00112
2101 Dec	92.5	0.0704	0.0123	0.00106	14.3	0.0394	27.4	0.00103	0.00103	0.00000516	0.00761	0.00138	0.021	0.0237	0.00000521	24.9	0.0000191	0.000329	0.000296	0.00112
2102 Jan	92.7	0.0706	0.0124	0.00106	14.4	0.0394	27.5	0.00103	0.00103	0.00000516	0.00761	0.00138	0.021	0.0238	0.00000521	25	0.0000191	0.000329	0.000297	0.00112
2102 Feb	92.9	0.0707	0.0124	0.00106	14.4	0.0394	27.5	0.00103	0.00103	0.00000516	0.00761	0.00138	0.021	0.0238	0.00000522	25	0.0000191	0.00033	0.000298	0.00112
2102 Mar	93.1	0.0709	0.0125	0.00106	14.4	0.0395	27.6	0.00103	0.00103	0.00000517	0.00762	0.00139	0.021	0.0239	0.00000522	25.1	0.0000192	0.000331	0.000299	0.00113
2102 Apr	93.9	0.0715	0.0126	0.00107	14.6	0.0398	27.8	0.00104	0.00104	0.00000521	0.00768	0.0014	0.0212	0.0241	0.00000527	25.3	0.0000193	0.000334	0.000302	0.00114
2102 May	97.9	0.0745	0.0131	0.00112	15.2	0.0415	29	0.00108	0.00108	0.00000543	0.00801	0.00146	0.0221	0.0252	0.00000549	26.4	0.0000201	0.000348	0.000315	0.00118
2102 Jun	71.8	0.038	0.0124	0.00107	10.6	0.0286	16.8	0.000982	0.000982	0.00000493	0.00712	0.00109	0.0158	0.0175	0.00000496	17.6	0.0000203	0.000264	0.000209	0.000863
2102 Jul	58.5	0.0225	0.0115	0.00113	8.88	0.0251	9.43	0.00105	0.00105	0.00000526	0.00754	0.00102	0.0133	0.015	0.00000527	14.1	0.0000223	0.00024	0.000163	0.000769
2102 Aug	57	0.0223	0.0105	0.00117	8.91	0.0282	9.06	0.00111	0.00111	0.00000556	0.00782	0.00107	0.0138	0.0152	0.00000557	14.3	0.0000221	0.000241	0.000154	0.000801
2102 Sep	54.3	0.0264	0.0089	0.00112	8.83	0.031	9.35	0.00109	0.00109	0.00000545	0.00757	0.00107	0.0141	0.0147	0.00000546	14.1	0.0000197	0.00023	0.000137	0.000799
2102 Oct	62.6	0.0516	0.00844	0.00103	10.1	0.0356	15.1	0.000979	0.000979	0.00000491	0.0072	0.00105	0.0158	0.0152	0.00000494	15.8	0.0000167	0.000226	0.000142	0.000858
2102 Nov	65.7	0.0556	0.00898	0.00104	10.5	0.0363	16.1	0.000981	0.000981	0.00000492	0.00727	0.00107	0.0162	0.0158	0.00000495	16.5	0.0000168	0.000232	0.000151	0.000883
2102 Dec	66.1	0.0559	0.00905	0.00104	10.6	0.0364	16.2	0.000983	0.000983	0.00000493	0.00728	0.00108	0.0162	0.0158	0.00000496	16.6	0.0000169	0.000233	0.000153	0.000887
2103 Jan	66.2	0.056	0.0091	0.00104	10.6	0.0364	16.3	0.000983	0.000983	0.00000493	0.00729	0.00108	0.0162	0.0159	0.00000496	16.6	0.0000169	0.000233	0.000154	0.000888
2103 Feb	66.4	0.0561	0.00914	0.00104	10.6	0.0364	16.3	0.000984	0.000984	0.00000493	0.00729	0.00108	0.0162	0.016	0.00000497	16.7	0.0000169	0.000234	0.000155	0.00089
2103 Mar	66.6	0.0563	0.00918	0.00104	10.7	0.0365	16.3	0.000986	0.000986	0.00000494	0.00731	0.00109	0.0163	0.016	0.00000498	16.7	0.000017	0.000235	0.000156	0.000893
2103 Apr	67.4	0.057	0.0093	0.00106	10.8	0.0369	16.5	0.000998	0.000998	0.000005	0.0074	0.0011	0.0165	0.0162	0.00000504	16.9	0.0000172	0.000238	0.000158	0.000904
2103 May	81.5	0.0616	0.0133	0.00108	13.7	0.0348	19	0.00102	0.00102	0.00000511	0.00738	0.00131	0.0168	0.0229	0.00000514	22.3	0.0000189	0.000304	0.000285	0.00104
2103 Jun	86.2	0.0506	0.0192	0.00108	15.8	0.0246	14.3	0.000964	0.000964	0.00000483	0.00654	0.00139	0.0129	0.028	0.00000486	24.7	0.0000198	0.000341	0.000406	0.00104
2103 Jul	85.9	0.0464	0.0182	0.00115	15.2	0.0278	15.3	0.00105	0.00105	0.00000528	0.00709	0.00144	0.0142	0.0274	0.00000531	24.4	0.0000208	0.00034	0.000383	0.00107
2103 Aug	72.1	0.0318	0.0127	0.00109	12.1	0.0336	15.8	0.00105	0.00105	0.00000525	0.00649	0.00133	0.0145	0.0221	0.00000528	20.4	0.000016	0.000266	0.000274	0.00102
2103 Sep	72	0.0472	0.0113	0.00106	11.9	0.0367	17.3	0.000994	0.000994	0.00000499	0.00653	0.00122	0.0155	0.0196	0.00000502	19.1	0.0000146	0.000246	0.000223	0.000983
2103 Oct	73.4	0.0701	0.0107	0.00104	12.5	0.0389	17.5	0.000953	0.000953	0.00000478	0.00696	0.00113	0.0159	0.0181	0.00000482	18.5	0.0000149	0.000235	0.000191	0.000979
2103 Nov	73.6	0.0741	0.0107	0.00105	12.7	0.0391	17.2	0.000951	0.000951	0.00000477	0.00706	0.00113	0.0158	0.0181	0.0000048	18.4	0.0000151	0.000235	0.000189	0.000981
2103 Dec	73.9	0.0742	0.0108	0.00105	12.7	0.0392	17.3	0.000952	0.000952	0.00000478	0.00708	0.00113	0.0159	0.0181	0.00000481	18.5	0.0000151	0.000235	0.00019	0.000983
2104 Jan	74	0.0743	0.0108	0.00105	12.7	0.0392	17.3	0.000952	0.000952	0.00000478	0.00708	0.00113	0.0159	0.0182	0.00000481	18.5	0.0000151	0.000236	0.000191	0.000984
2104 Feb	74.1	0.0743	0.0109	0.00105	12.7	0.0392	17.4	0.000953	0.000953	0.00000478	0.00708	0.00113	0.0159	0.0182	0.00000481	18.6	0.0000151	0.000236	0.000192	0.000986
2104 Mar	74.4	0.0745	0.0109	0.00105	12.8	0.0392	17.4	0.000955	0.000955	0.00000479	0.0071	0.00114	0.0159	0.0183	0.00000483	18.6	0.0000152	0.000237	0.000193	0.000989
2104 Apr	75.8	0.0759	0.0111	0.00107	13	0.04	17.7	0.000973	0.000973	0.00000488	0.00723	0.00116	0.0162	0.0187	0.00000492	19	0.0000155	0.000242	0.000197	0.00101
2104 May	86.4	0.074	0.0156	0.00108	15.9	0.0345	17.7	0.000991	0.000991	0.00000497	0.00713	0.00139	0.0153	0.0263	0.000005	24.5	0.0000179	0.000318	0.000346	0.00111
2104 Jun	86.1	0.0547	0.0197	0.00106	16.5	0.0244	13.1	0.00095	0.00095	0.00000476	0.0064	0.00142	0.012	0.0293	0.00000478	25.4	0.0000191	0.000345	0.000428	0.00106
2104 Jul	87.2	0.0545	0.0194	0.00114	16.9	0.0266	12.9	0.00106	0.00106	0.0000053	0.00718	0.00153	0.0128	0.0308	0.00000532	26.6	0.0000213	0.000367	0.000443	0.00112
2104 Aug	82.8	0.051	0.0173	0.00114	16	0.0297	13	0.00109	0.00109	0.00000547	0.00725	0.00153	0.0135	0.0293	0.00000549	25.6	0.0000202	0.000351	0.000405	0.00112
2104 Sep	74.9	0.0497	0.013	0.00105	13.6	0.0339	15.4	0.00102	0.00102	0.0000051	0.00672	0.00134	0.0151	0.0236	0.00000513	22	0.0000163	0.000298	0.000297	0.00101
2104 Oct	76.2	0.0644	0.0112	0.00103	13	0.0378	18.8	0.00097	0.00097	0.00000487	0.0069	0.00123	0.0168	0.0204	0.0000049	20.5	0.0000154	0.000269	0.000234	0.000995
2104 Nov	77.6	0.0689	0.0115	0.00104	13.2	0.0385	19	0.000969	0.000969	0.00000486	0.00702	0.00121	0.0168	0.0201	0.0000049	20.3	0.0000156	0.000265	0.000227	0.001
2104 Dec	77.8	0.0691	0.0116	0.00105	13.2	0.0385	19.1	0.00097	0.00097	0.00000487	0.00703	0.00121	0.0169	0.0201	0.00000491	20.4	0.0000156	0.000265	0.000227	0.001
2105 Jan	77.9	0.0692	0.0116	0.00105	13.2	0.0385	19.1	0.00097	0.00097	0.00000487	0.00703	0.00121	0.0169	0.0202	0.00000491	20.4	0.0000156	0.000266	0.000228	0.00101
2105 Feb	78	0.0692	0.0116	0.00105	13.2	0.0385	19.1	0.000971	0.000971	0.00000487	0.00704	0.00122	0.0169	0.0202	0.00000491	20.4	0.0000156	0.000266	0.000229	0.00101
2105 Mar	78.1	0.0693	0.0117	0.00105	13.3	0.0385	19.1	0.000972	0.000972	0.00000488	0.00704	0.00122	0.0169	0.0202	0.00000491	20.5	0.0000156	0.000267	0.00023	0.00101
2105 Apr	79	0.07	0.0118	0.00106	13.4	0.0389	19.3	0.000982	0.000982	0.00000492	0.00711	0.00123	0.0171	0.0205	0.00000496	20.7	0.0000158	0.000269	0.000232	0.00102
2105 May	88.1	0.0708	0.0155	0.00107	15.8	0.0347	19.3	0.000992	0.000992	0.00000497	0.00706	0.00141	0.0162	0.0264	0.00000501	25	0.0000178	0.000327	0.000351	0.00111
2105 Jun	96.6	0.0656	0.0209	0.00111	18.4	0.0278	16.7	0.00101	0.00101	0.00000506	0.00688	0.00159	0.014	0.0331	0.00000509	29.1	0.0000202	0.000388	0.000487	0.00118
2105 Jul	96.9	0.0649	0.0205	0.00116	18.7	0.03	16.5	0.00109	0.00109	0.00000547	0.00737	0.00168	0.0145	0.0343	0.0000055	30	0.0000213	0.0004	0.000497	0.00124
2105 Aug	80.4	0.0482	0.0145	0.00105	14.6	0.0333	17	0.00102	0.00102	0.00000511	0.00649	0.00144	0.015	0.0264	0.00000514	24.2	0.0000162	0.000316	0.000352	0.00108
2105 Sep	81.7	0.0543	0.0123	0.00105	13.2	0.0387	21.9	0.000974	0.000974	0.00000489	0.00638	0.00126	0.0182	0.0208	0.00000493	21.4	0.0000138	0.000276	0.000245	0.00101
2105 Oct	83.8	0.0657	0.0117	0.00104	13	0.0399	23.7	0.000948	0.000948	0.00000476	0.00667	0.00119	0.019	0.0192	0.00000481	20.7	0.0000145	0.000264	0.000217	0.00101
2105 Nov	83.9	0.0707	0.0115	0.00104	13	0.0403	23.7	0.000943	0.000943	0.00000474	0.00683	0.00117	0.0189	0.0189	0.00000479	20.5	0.0000149	0.00026	0.000209	0.00101
2105 Dec	84	0.0708	0.0116	0.00104	13.1	0.0403	23.7	0.000944	0.000944	0.00000474	0.00684	0.00117	0.0189	0.019	0.00000479	20.5	0.0000149	0.000261	0.00021	0.00101
2106 Jan	84.2	0.0709	0.0117	0.00105	13.1	0.0403	23.7	0.000944	0.000944	0.00000474	0.00685	0.00117	0.0189	0.019	0.00000479	20.5	0.0000149	0.000261	0.000211	0.00101
2106 Feb	84.3	0.0709	0.0117	0.00105	13.1	0.0403	23.7	0.000944	0.000944	0.00000475	0.00685	0.00117	0.0189	0.0191	0.0000048	20.6	0.0000149	0.000262	0.000212	0.00101
2106 Mar	84.4	0.0711	0.0117	0.00105	13.2	0.0403	23.7	0.000946	0.000946	0.00000475	0.00685	0.00118	0.0189	0.0191	0.0000048	20.6	0.000015	0.000262	0.000213	0.00102
2106 Apr	85.6	0.072	0.0119	0.00106	13.4	0.0408	24	0.000958	0.000958	0.00000482	0.00695	0.00119	0.0192	0.0194	0.00000487	20.9	0.0000152	0.000266	0.000216	0.00103
2106 May	91.3	0.0753	0.0133	0.00108	14.6	0.0406	25.1	0.000993	0.000993	0.00000499	0.0072	0.00131	0.0196	0.0225	0.00000504	23.4	0.0000166	0.000299	0.000271	0.0011
2106 Jun	78.7	0.0449	0.0166	0.00107	13.7	0.0254	14	0.00096	0.00096	0.00000482	0.00667	0.00126	0.0134	0.0238	0.00000484	21.5	0.0000197	0.000306	0.000328	0.000954
2106 Jul	73	0.0365	0.0147	0.00115	12.4	0.0275	12.6	0.00108	0.00108	0.00000541	0.00755	0.00128	0.0141	0.0221	0.00000544	20.1	0.0000221	0.0003	0.000285	0.000954
2106 Aug	66	0.0284	0.0109	0.00107	10.4	0.0326	15.3	0.00103	0.00103	0.00000517	0.00671	0.00119	0.0151	0.0183	0.0000052	17.7	0.0000169	0.000248	0.000209	0.000909
2106 Sep	70	0.0416	0.00969	0.00103	10.9	0.0382	19	0.000978	0.000978	0.0000049	0.00631	0.00114	0.0174	0.017	0.00000494	17.9	0.0000131	0.000239	0.000173	0.000903
2106 Oct	74.2	0.0522	0.00964	0.00104	11.4	0.0401	21.2	0.000973	0.000973	0.00000488	0.00656	0.00114	0.0184	0.017	0.00000493	18.5	0.0000135	0.000243	0.000171	0.000937
2106 Nov	74.9	0.0531	0.00973	0.00104	11.5	0.0405	21.4	0.00098	0.00098	0.00000492	0.00663	0.00115	0.0186	0.0171	0.00000497	18.7	0.0000137	0.000245	0.000173	0.000946
2106 Dec	75.1	0.0532	0.00976	0.00105	11.5	0.0405	21.4	0.000981	0.000981	0.00000493	0.00664	0.00115	0.0186	0.0172	0.00000497	18.7	0.0000137	0.000245	0.000173	0.000947
2107 Jan	75.1	0.0533	0.00977	0.00105	11.5	0.0405	21.5	0.000982	0.000982	0.00000493	0.00664	0.00115	0.0187	0.0172	0.00000497	18.7	0.0000137	0.000245	0.000173	0.000948
2107 Feb	75.3	0.0534	0.0098	0.00105	11.6	0.0406	21.5	0.000982	0.000982	0.00000493	0.00664	0.00115	0.0187	0.0172	0.00000498	18.8	0.0000137	0.000246	0.000174	0.000949
2107 Mar	75.5	0.0535	0.00984	0.00105	11.6	0.0407	21.5	0.000985	0.000985	0.00000495	0.00666	0.00116	0.0187	0.0173	0.00000499	18.8	0.0000138	0.000247	0.000175	0.000952
2107 Apr	76	0.0539	0.00991	0.00106	11.7	0.0409	21.7	0.000992	0.000992	0.00000498	0.00671	0.00117	0.0188	0.0174	0.00000503	19	0.0000139	0.000248	0.000176	0.000959
2107 May	82.7	0.0574	0.0129	0.00108	13.5	0.0381	21.2	0.000999	0.000999	0.00000502	0.00676	0.00128	0.018	0.0215	0.00000506	21.7	0.0000154	0.000285	0.000256	0.00102
2107 Jun	91.9	0.0606	0.0198	0.00108	17.7	0.0269	15.5	0.000998	0.000998	0.000005	0.00674	0.00155	0.0135	0.0321	0.00000503	28.1	0.0000198	0.000378	0.00047	0.00114
2107 Jul	83.2	0.0521	0.0172	0.00108	16.1	0.0282	13.8	0.00104	0.00104	0.00000522	0.00697	0.00152	0.0132	0.0299	0.00000525	26.1	0.0000198	0.000354	0.000423	0.00111
2107 Aug	85.2	0.0512	0.017	0.00117	16.3	0.0322	14.6	0.00114	0.00114	0.00000569	0.00744	0.00161	0.0144	0.0304	0.00000572	26.7	0.0000203	0.000359	0.000418	0.00118
2107 Sep	81.6	0.0522	0.0143	0.00113	14.9	0.0353	16.8	0.00111	0.00111	0.00000555	0.00732	0.00151	0.0156	0.027	0.00000558	24.7	0.0000186	0.000327	0.000353	0.00114
2107 Oct	81.2	0.0584	0.0119	0.00107	13.7	0.038	20.8	0.00105	0.00105	0.00000525	0.00721	0.00139	0.0174	0.0236	0.00000529	23.1	0.0000173	0.000299	0.00029	0.00109
2107 Nov	82.3	0.0617	0.0114	0.00106	13.4	0.0391	22.5	0.00103	0.00103	0.00000517	0.00724	0.00135	0.0182	0.0226	0.00000521	22.8	0.0000171	0.000292	0.000272	0.00109
2107 Dec	82.4	0.0619	0.0114	0.00106	13.4	0.0392	22.6	0.00103	0.00103	0.00000517	0.00724	0.00135	0.0183	0.0226	0.00000522	22.8	0.0000171	0.000293	0.000272	0.00109
2108 Jan	82.6	0.062	0.0114	0.00106	13.4	0.0392	22.6	0.00103	0.00103	0.00000517	0.00725	0.00135	0.0183	0.0226	0.00000522	22.8	0.0000171	0.000293	0.000272	0.00109

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	82.7	0.0621	0.0115	0.00106	13.5	0.0392	22.6	0.00103	0.00103	0.00000517	0.00725	0.00136	0.0183	0.0227	0.00000522	22.9	0.0000171	0.000293	0.000273	0.00109
2108 Mar	83	0.0623	0.0115	0.00106	13.5	0.0393	22.7	0.00103	0.00103	0.00000519	0.00727	0.00136	0.0184	0.0228	0.00000524	22.9	0.0000172	0.000294	0.000274	0.0011
2108 Apr	85.2	0.064	0.0118	0.00109	13.9	0.0403	23.3	0.00106	0.00106	0.00000533	0.00746	0.0014	0.0188	0.0234	0.00000537	23.6	0.0000176	0.000302	0.000282	0.00113
2108 May	90.1	0.068	0.0125	0.00115	14.7	0.0426	24.7	0.00112	0.00112	0.00000561	0.00787	0.00148	0.0199	0.0248	0.00000566	25	0.0000186	0.000321	0.0003	0.00119
2108 Jun	72.7	0.0403	0.0129	0.00106	11.4	0.0283	16.2	0.000992	0.000992	0.00000498	0.00715	0.00119	0.0152	0.02	0.00000501	19.3	0.0000205	0.000282	0.000251	0.000909
2108 Jul	74.9	0.0382	0.0135	0.00121	11.8	0.0305	15.2	0.00115	0.00115	0.00000577	0.00834	0.00129	0.0163	0.0209	0.0000058	19.9	0.0000242	0.000306	0.000253	0.000974
2108 Aug	83.5	0.0425	0.0148	0.00138	13.2	0.0354	16.8	0.00132	0.00132	0.0000066	0.00948	0.00147	0.0186	0.0234	0.00000664	22.3	0.0000272	0.000343	0.000279	0.0011
2108 Sep	79.4	0.0425	0.0132	0.00132	12.5	0.036	16.8	0.00128	0.00128	0.00000641	0.00919	0.00141	0.0185	0.0219	0.00000644	21.3	0.0000256	0.000326	0.000252	0.00107
2108 Oct	73.1	0.0617	0.00873	0.00106	11.1	0.0383	20.7	0.00103	0.00103	0.00000514	0.00786	0.00116	0.0185	0.0172	0.00000519	18.6	0.0000191	0.00026	0.000175	0.000962
2108 Nov	74.5	0.068	0.00854	0.00105	11.3	0.0396	21.6	0.00101	0.00101	0.00000506	0.00786	0.00115	0.0188	0.0171	0.00000511	18.8	0.0000186	0.000256	0.00017	0.000975
2108 Dec	74.7	0.0681	0.00858	0.00105	11.3	0.0397	21.7	0.00101	0.00101	0.00000507	0.00787	0.00115	0.0189	0.0171	0.00000512	18.8	0.0000186	0.000256	0.00017	0.000977
2109 Jan	74.8	0.0682	0.00861	0.00105	11.4	0.0397	21.7	0.00101	0.00101	0.00000507	0.00787	0.00115	0.0189	0.0172	0.00000512	18.8	0.0000186	0.000257	0.000171	0.000978
2109 Feb	74.9	0.0683	0.00864	0.00105	11.4	0.0397	21.7	0.00101	0.00101	0.00000507	0.00788	0.00116	0.0189	0.0172	0.00000512	18.9	0.0000186	0.000257	0.000172	0.000979
2109 Mar	75.2	0.0686	0.00868	0.00105	11.4	0.0398	21.8	0.00101	0.00101	0.00000509	0.0079	0.00116	0.019	0.0173	0.00000514	19	0.0000187	0.000258	0.000173	0.000983
2109 Apr	76.6	0.0698	0.00884	0.00107	11.6	0.0405	22.2	0.00103	0.00103	0.00000518	0.00804	0.00118	0.0193	0.0176	0.00000523	19.3	0.000019	0.000263	0.000176	0.001
2109 May	85.1	0.0705	0.0135	0.00109	14.5	0.0362	20.2	0.00104	0.00104	0.00000521	0.00775	0.00136	0.0174	0.0241	0.00000525	23.5	0.0000198	0.000317	0.000302	0.00109
2109 Jun	96.6	0.0687	0.0212	0.00112	19.2	0.0276	15.1	0.00105	0.00105	0.00000527	0.00724	0.00168	0.0134	0.0352	0.00000529	30.4	0.0000214	0.000408	0.00052	0.00123
2109 Jul	91.7	0.0599	0.0191	0.00114	17.7	0.0297	15.6	0.00109	0.00109	0.00000544	0.00731	0.00165	0.014	0.033	0.00000547	28.8	0.0000209	0.000384	0.000473	0.00121
2109 Aug	90.7	0.0511	0.0171	0.00119	16.4	0.0349	18.6	0.00115	0.00115	0.00000574	0.00737	0.00164	0.0159	0.0305	0.00000577	27.4	0.0000196	0.000358	0.000417	0.00123
2109 Sep	87.2	0.0537	0.0139	0.00111	14.5	0.0378	22	0.00107	0.00107	0.00000539	0.00709	0.00148	0.0177	0.0258	0.00000544	24.8	0.0000175	0.000318	0.000332	0.00115
2109 Oct	85.1	0.0722	0.011	0.00105	13.2	0.041	24.8	0.00098	0.00098	0.00000492	0.00722	0.00126	0.0192	0.0205	0.00000497	21.8	0.0000163	0.000274	0.000234	0.00107
2109 Nov	85.7	0.0747	0.0111	0.00106	13.4	0.0416	24.8	0.000989	0.000989	0.00000497	0.00734	0.00126	0.0193	0.0205	0.00000502	21.8	0.0000165	0.000274	0.000231	0.00108
2109 Dec	85.9	0.0749	0.0111	0.00106	13.4	0.0417	24.9	0.00099	0.00099	0.00000497	0.00736	0.00126	0.0194	0.0205	0.00000503	21.8	0.0000165	0.000274	0.000232	0.00108
2110 Jan	86	0.075	0.0112	0.00106	13.4	0.0417	24.9	0.000991	0.000991	0.00000498	0.00736	0.00126	0.0194	0.0205	0.00000503	21.9	0.0000166	0.000275	0.000232	0.00108
2110 Feb	86.1	0.0751	0.0112	0.00106	13.4	0.0417	25	0.000992	0.000992	0.00000498	0.00737	0.00127	0.0194	0.0206	0.00000503	21.9	0.0000166	0.000275	0.000233	0.00108
2110 Mar	86.4	0.0753	0.0112	0.00107	13.5	0.0418	25	0.000994	0.000994	0.00000499	0.00738	0.00127	0.0195	0.0207	0.00000505	22	0.0000166	0.000276	0.000234	0.00109
2110 Apr	87.3	0.0761	0.0114	0.00108	13.6	0.0423	25.3	0.001	0.001	0.00000505	0.00746	0.00128	0.0197	0.0209	0.0000051	22.2	0.0000168	0.000279	0.000236	0.0011
2110 May	92.8	0.0775	0.0127	0.0011	14.6	0.0422	26.5	0.00103	0.00103	0.00000518	0.00761	0.00136	0.0202	0.023	0.00000523	24	0.0000178	0.000303	0.000274	0.00115
2110 Jun	86.1	0.0514	0.0179	0.00106	15.4	0.026	16.1	0.000975	0.000975	0.00000489	0.00673	0.0014	0.014	0.0275	0.00000492	24.8	0.0000201	0.000342	0.000394	0.00105
2110 Jul	81.9	0.0458	0.0164	0.00112	14.5	0.0275	15	0.00106	0.00106	0.00000532	0.00737	0.00142	0.0144	0.0265	0.00000534	23.9	0.0000219	0.000339	0.000367	0.00105
2110 Aug	69	0.0329	0.0108	0.00106	11.1	0.0369	17.1	0.000994	0.000994	0.00000499	0.00599	0.0012	0.0157	0.0184	0.00000502	18.2	0.0000125	0.000234	0.000202	0.000936
2110 Sep	73.9	0.0565	0.0102	0.00103	11.9	0.0399	19.6	0.000956	0.000956	0.0000048	0.00642	0.00114	0.0173	0.0175	0.00000484	18.5	0.0000128	0.000236	0.00018	0.000949
2110 Oct	75.2	0.0793	0.00963	0.00103	12.6	0.0416	19.7	0.000942	0.000942	0.00000473	0.00713	0.00111	0.0173	0.0174	0.00000477	18.6	0.0000145	0.000235	0.000172	0.000986
2110 Nov	75.6	0.0809	0.00985	0.00103	12.7	0.0413	19.5	0.000938	0.000938	0.00000471	0.00717	0.00111	0.0171	0.0175	0.00000475	18.6	0.0000147	0.000235	0.000174	0.000987
2110 Dec	75.9	0.081	0.00994	0.00103	12.7	0.0413	19.6	0.000939	0.000939	0.00000471	0.00718	0.00111	0.0172	0.0175	0.00000475	18.7	0.0000148	0.000235	0.000175	0.00099
2111 Jan	76	0.081	0.00999	0.00103	12.7	0.0413	19.6	0.00094	0.00094	0.00000472	0.00718	0.00112	0.0172	0.0176	0.00000476	18.7	0.0000148	0.000236	0.000176	0.000991
2111 Feb	76.2	0.0811	0.01	0.00103	12.7	0.0413	19.6	0.00094	0.00094	0.00000472	0.00718	0.00112	0.0172	0.0176	0.00000476	18.7	0.0000148	0.000236	0.000177	0.000992
2111 Mar	76.6	0.0815	0.0101	0.00104	12.8	0.0415	19.7	0.000944	0.000944	0.00000474	0.00721	0.00112	0.0173	0.0178	0.00000478	18.9	0.0000149	0.000238	0.000179	0.000998
2111 Apr	78.1	0.0831	0.0103	0.00106	13.1	0.0423	20.1	0.000963	0.000963	0.00000483	0.00735	0.00115	0.0176	0.0181	0.00000487	19.2	0.0000152	0.000243	0.000182	0.00102
2111 May	84.3	0.0827	0.0129	0.00109	14.8	0.0402	19.8	0.000997	0.000997	0.000005	0.00745	0.00129	0.0171	0.0223	0.00000504	22.2	0.0000167	0.000284	0.000261	0.00109
2111 Jun	89.2	0.0601	0.02	0.00108	17.3	0.0257	13.8	0.000982	0.000982	0.00000492	0.00669	0.00151	0.0125	0.0313	0.00000494	27.1	0.0000197	0.000366	0.000458	0.00111
2111 Jul	99.3	0.0662	0.022	0.00123	19.4	0.0294	15.1	0.00115	0.00115	0.00000574	0.00785	0.00173	0.0143	0.0355	0.00000576	30.7	0.0000233	0.000418	0.000516	0.00127
2111 Aug	81	0.0467	0.0147	0.00108	14.3	0.0332	17.4	0.00104	0.00104	0.0000052	0.00674	0.00141	0.0156	0.0254	0.00000524	23.6	0.0000172	0.000317	0.000334	0.00106
2111 Sep	78.5	0.0473	0.0119	0.00106	13	0.0384	20.2	0.00101	0.00101	0.00000508	0.00644	0.0013	0.018	0.0214	0.00000512	21.6	0.0000139	0.000286	0.000251	0.000996
2111 Oct	80.7	0.0601	0.0113	0.00103	12.7	0.0395	22.5	0.000957	0.000957	0.0000048	0.00657	0.0012	0.0186	0.0194	0.00000485	20.6	0.0000141	0.000266	0.000217	0.000987
2111 Nov	81.1	0.0707	0.0112	0.00104	12.9	0.0402	22.2	0.000943	0.000943	0.00000474	0.00685	0.00116	0.0183	0.0187	0.00000478	20	0.0000147	0.000256	0.000203	0.000996
2111 Dec	81.3	0.0711	0.0113	0.00104	12.9	0.0403	22.2	0.000945	0.000945	0.00000475	0.00687	0.00116	0.0184	0.0187	0.00000479	20	0.0000147	0.000256	0.000203	0.000999
2112 Jan	81.5	0.0712	0.0113	0.00104	13	0.0403	22.2	0.000946	0.000946	0.00000475	0.00687	0.00116	0.0184	0.0188	0.0000048	20.1	0.0000147	0.000257	0.000204	0.001
2112 Feb	81.6	0.0713	0.0114	0.00104	13	0.0403	22.3	0.000946	0.000946	0.00000475	0.00688	0.00117	0.0184	0.0188	0.0000048	20.1	0.0000147	0.000257	0.000205	0.001
2112 Mar	82.2	0.0718	0.0114	0.00105	13.1	0.0405	22.4	0.000952	0.000952	0.00000478	0.00692	0.00117	0.0185	0.019	0.00000483	20.3	0.0000148	0.000259	0.000207	0.00101
2112 Apr	83.6	0.073	0.0116	0.00107	13.3	0.0412	22.8	0.000968	0.000968	0.00000486	0.00703	0.00119	0.0188	0.0193	0.00000491	20.6	0.0000151	0.000264	0.000211	0.00103
2112 May	90.5	0.0733	0.0146	0.00109	15.3	0.0382	22.3	0.000995	0.000995	0.00000499	0.0071	0.00135	0.0181	0.0243	0.00000504	24.1	0.0000169	0.000311	0.000306	0.00111
2112 Jun	78.3	0.0466	0.0176	0.00103	14.5	0.0235	12.2	0.000925	0.000925	0.00000464	0.0063	0.0013	0.0118	0.0259	0.00000466	22.6	0.0000188	0.000316	0.00037	0.000966
2112 Jul	74.8	0.0398	0.0158	0.0011	13.3	0.0251	12.4	0.00103	0.00103	0.00000516	0.00722	0.00132	0.0132	0.0244	0.00000518	21.7	0.0000217	0.000318	0.000333	0.000965
2112 Aug	79.6	0.0406	0.0154	0.00116	13.6	0.0294	15.3	0.00111	0.00111	0.00000555	0.00766	0.00139	0.0155	0.0247	0.00000558	22.7	0.0000222	0.000331	0.000327	0.00103
2112 Sep	80.7	0.0399	0.0125	0.00109	12.3	0.0335	21.4	0.00106	0.00106	0.00000531	0.00727	0.00131	0.0186	0.0216	0.00000536	21.8	0.0000197	0.00031	0.000269	0.000993
2112 Oct	86.2	0.0464	0.0112	0.00105	11.9	0.0369	27.6	0.00102	0.00102	0.00000512	0.00719	0.00127	0.0214	0.0201	0.00000519	22.1	0.0000188	0.000304	0.000241	0.00101
2112 Nov	88.1	0.0489	0.0111	0.00106	11.9	0.0378	29	0.00102	0.00102	0.00000512	0.00724	0.00127	0.022	0.02	0.00000518	22.3	0.0000188	0.000305	0.000238	0.00102
2112 Dec	88.3	0.0491	0.0111	0.00106	12	0.0379	29	0.00102	0.00102	0.00000513	0.00726	0.00127	0.0221	0.02	0.00000519	22.4	0.0000188	0.000305	0.000238	0.00102
2113 Jan	88.4	0.0492	0.0111	0.00106	12	0.0379	29.1	0.00102	0.00102	0.00000513	0.00726	0.00127	0.0221	0.02	0.00000519	22.4	0.0000188	0.000305	0.000239	0.00102
2113 Feb	88.5	0.0493	0.0112	0.00106	12	0.038	29.1	0.00102	0.00102	0.00000513	0.00726	0.00127	0.0221	0.0201	0.0000052	22.4	0.0000188	0.000306	0.000239	0.00102
2113 Mar	89.3	0.0498	0.0113	0.00107	12.1	0.0383	29.3	0.00103	0.00103	0.00000518	0.00733	0.00129	0.0223	0.0203	0.00000524	22.6	0.000019	0.000309	0.000242	0.00103
2113 Apr	90.8	0.0506	0.0115	0.00109	12.3	0.0389	29.8	0.00105	0.00105	0.00000526	0.00745	0.00131	0.0226	0.0206	0.00000533	23	0.0000193	0.000314	0.000246	0.00105
2113 May	99.5	0.0565	0.014	0.00109	14.3	0.0377	31.1	0.00105	0.00105	0.00000527	0.00743	0.00143	0.0226	0.0247	0.00000534	26.3	0.0000202	0.000352	0.000324	0.00113
2113 Jun	95.2	0.0575	0.0201	0.00108	17.3	0.0267	18.2	0.000983	0.000983	0.00000493	0.00665	0.00152	0.0146	0.0312	0.00000496	28	0.00002	0.000376	0.00046	0.00113
2113 Jul	96	0.0569	0.0198	0.00116	17.6	0.0292	17.9	0.00109	0.00109	0.00000545	0.00733	0.00163	0.0153	0.0325	0.00000549	29	0.0000217	0.000393	0.000471	0.0012
2113 Aug	93.9	0.054	0.0185	0.0012	17.2	0.0322	18	0.00115	0.00115	0.00000576	0.00761	0.00166	0.016	0.032	0.00000579	28.7	0.0000217	0.000387	0.000451	0.00123
2113 Sep	88.6	0.0543	0.0143	0.0011	14.7	0.036	22.5	0.00106	0.00106	0.00000533	0.00717	0.00147	0.0182	0.0261	0.00000538	25.3	0.0000185	0.000334	0.000343	0.00113
2113 Oct	82.8	0.0736	0.0112	0.00102	13.1	0.0395	23.3	0.000947	0.000947	0.00000476	0.00708	0.00121	0.0185	0.0199	0.0000048	21.1	0.0000161	0.000268	0.000227	0.00103
2113 Nov	82.1	0.0792	0.011	0.00104	13.3	0.0405	22.4	0.000953	0.000953	0.00000478	0.00726	0.00119	0.0182	0.0195	0.00000483	20.7	0.0000161	0.000262	0.000216	0.00104
2113 Dec	82.4	0.0794	0.0111	0.00104	13.3	0.0406	22.5	0.000954	0.000954	0.00000479	0.00728	0.0012	0.0183	0.0196	0.00000484	20.7	0.0000161	0.000263	0.000217	0.00104
2114 Jan	82.5	0.0795	0.0111	0.00104	13.3	0.0406	22.5	0.000955	0.000955	0.0000048	0.00728	0.0012	0.0183	0.0196	0.00000484	20.8	0.0000161	0.000264	0.000218	0.00104
2114 Feb	82.6	0.0796	0.0112	0.00104	13.4	0.0405	22.5	0.000955	0.000955	0.0000048	0.00728	0.0012	0.0183	0.0197	0.00000484	20.8	0.0000162	0.000264	0.000219	0.00104
2114 Mar	83.1	0.0799	0.0112	0.00105	13.4	0.0407	22.6	0.00096	0.00096	0.00000482	0.00731	0.00121	0.0184	0.0198	0.00000487	20.9	0.0000162	0.000266	0.00022	0.00105
2114 Apr	84.1	0.0809	0.0114	0.00106	13.6	0.0412	22.9	0.000971	0.000971	0.00000488	0.0074	0.00122	0.0186	0.0201	0.00000492	21.2	0.0000164	0.000269	0.000223	0.00106
2114 May	91.5	0.076	0.0153	0.00107	15.7	0.0362	21.9	0.000979	0.000979	0.00000492	0.00716	0.00138	0.0173	0.0255	0.00000496	24.8	0.0000179	0.00032	0.000333	0.00112
2114 Jun	102	0.0698	0.0212	0.00111	19.2	0.0289	19.4	0.00104	0.00104	0.0000052	0.00716	0.00168	0.0153	0.035	0.00000523	31.2	0.0000213	0.000413	0.000519	0.00125

Appendix D.2-5: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	115	0.0773	0.0236	0.00128	21.6	0.0333	21.8	0.00121	0.00121	0.00000606	0.00835	0.00192	0.0176	0.0397	0.00000609	35.4	0.0000248	0.000471	0.000585	0.00142
2114 Aug	130	0.0873	0.0265	0.00147	24.5	0.039	24.9	0.0014	0.0014	0.00000701	0.00962	0.0022	0.0203	0.0452	0.00000706	40.3	0.0000283	0.000537	0.000661	0.00163
2114 Sep	107	0.0714	0.0175	0.0012	18.1	0.039	27.2	0.00116	0.00116	0.00000584	0.00811	0.00172	0.021	0.0324	0.0000059	31.3	0.0000219	0.000413	0.000446	0.00132
2114 Oct	97.3	0.0772	0.0119	0.00105	14.6	0.0419	31.1	0.00102	0.00102	0.00000511	0.00765	0.0014	0.0225	0.024	0.00000518	25.9	0.0000187	0.000332	0.000298	0.00117
2114 Nov	93.6	0.0841	0.0104	0.00101	13.6	0.0433	31.3	0.000963	0.000963	0.00000484	0.00758	0.00128	0.0224	0.0208	0.00000491	23.7	0.0000176	0.000297	0.00024	0.00111
2114 Dec	93.8	0.0844	0.0106	0.00102	13.7	0.0433	31	0.000965	0.000965	0.00000485	0.00759	0.00128	0.0223	0.0209	0.00000492	23.6	0.0000176	0.000297	0.000241	0.00111
2115 Jan	94	0.0845	0.0107	0.00102	13.8	0.0433	31	0.000966	0.000966	0.00000485	0.0076	0.00128	0.0223	0.021	0.00000492	23.7	0.0000176	0.000298	0.000242	0.00112
2115 Feb	94.2	0.0846	0.0108	0.00102	13.8	0.0432	31	0.000966	0.000966	0.00000486	0.0076	0.00128	0.0223	0.0211	0.00000493	23.8	0.0000176	0.000299	0.000244	0.00112
2115 Mar	94.4	0.0848	0.0108	0.00103	13.8	0.0433	31.1	0.000969	0.000969	0.00000487	0.00762	0.00129	0.0224	0.0211	0.00000494	23.8	0.0000177	0.0003	0.000245	0.00112
2115 Apr	96	0.0862	0.011	0.00104	14.1	0.044	31.6	0.000984	0.000984	0.00000495	0.00774	0.00131	0.0227	0.0215	0.00000502	24.2	0.000018	0.000305	0.000249	0.00114
2115 May	97.7	0.0809	0.0149	0.00105	16.2	0.0376	26.4	0.000988	0.000988	0.00000496	0.00742	0.00146	0.0194	0.0271	0.00000502	27.1	0.000019	0.000348	0.000362	0.00118
2115 Jun	109	0.0803	0.0215	0.00116	20.3	0.0326	22.1	0.00109	0.00109	0.00000547	0.00769	0.00178	0.017	0.0369	0.0000055	33.3	0.0000222	0.000436	0.000541	0.00134
2115 Jul	113	0.0822	0.0223	0.00126	21.5	0.0358	22.4	0.0012	0.0012	0.00000602	0.00832	0.00193	0.0178	0.0394	0.00000606	35.3	0.0000236	0.000461	0.000572	0.00144
2115 Aug	85.5	0.0551	0.0149	0.00108	15.7	0.0357	18.7	0.00105	0.00105	0.00000526	0.00671	0.00153	0.0159	0.0283	0.0000053	26	0.0000163	0.000334	0.000378	0.00115
2115 Sep	82.7	0.0517	0.0125	0.00106	14.2	0.0399	21.3	0.00104	0.00104	0.0000052	0.00648	0.00141	0.0181	0.0242	0.00000524	23.8	0.0000137	0.000304	0.000297	0.00108
2115 Oct	85.7	0.0541	0.0116	0.00105	13.8	0.0417	24.9	0.00102	0.00102	0.00000513	0.00652	0.00138	0.0199	0.023	0.00000518	23.7	0.0000137	0.000301	0.000275	0.00108
2115 Nov	90.3	0.061	0.0105	0.00102	13.1	0.0435	30.2	0.000982	0.000982	0.00000494	0.00664	0.00131	0.0223	0.0209	0.000005	23.4	0.000014	0.000294	0.000242	0.00108
2115 Dec	91.2	0.0627	0.0107	0.00102	13.2	0.0436	30.5	0.000984	0.000984	0.00000494	0.00671	0.00131	0.0224	0.021	0.00000501	23.5	0.0000143	0.000295	0.000242	0.00108
2116 Jan	91.5	0.0629	0.0108	0.00103	13.3	0.0436	30.5	0.000985	0.000985	0.00000495	0.00672	0.00131	0.0224	0.0211	0.00000502	23.6	0.0000143	0.000295	0.000244	0.00108
2116 Feb	91.7	0.0631	0.0108	0.00103	13.3	0.0437	30.5	0.000986	0.000986	0.00000495	0.00673	0.00132	0.0224	0.0212	0.00000502	23.7	0.0000143	0.000296	0.000245	0.00109
2116 Mar	92	0.0633	0.0109	0.00103	13.4	0.0438	30.6	0.000988	0.000988	0.00000497	0.00675	0.00132	0.0225	0.0213	0.00000503	23.7	0.0000144	0.000298	0.000247	0.00109
2116 Apr	93.4	0.0643	0.011	0.00105	13.6	0.0444	31	0.001	0.001	0.00000504	0.00685	0.00134	0.0228	0.0216	0.00000511	24.1	0.0000146	0.000302	0.000251	0.00111
2116 May	103	0.0674	0.0142	0.00107	15.5	0.0413	31.9	0.00102	0.00102	0.00000511	0.007	0.00148	0.0226	0.0262	0.00000518	27.6	0.000017	0.00035	0.000342	0.00119
2116 Jun	86.4	0.0516	0.0186	0.00106	15.6	0.0254	15.3	0.000955	0.000955	0.00000479	0.00649	0.00139	0.0134	0.0278	0.00000482	24.8	0.0000193	0.00034	0.000402	0.00104
2116 Jul	91.9	0.0534	0.0195	0.0012	16.7	0.0281	15.7	0.00112	0.00112	0.00000559	0.0077	0.00156	0.0149	0.0305	0.00000562	27.1	0.0000232	0.000381	0.000434	0.00115
2116 Aug	97.9	0.0567	0.0203	0.00131	17.9	0.0318	16.9	0.00123	0.00123	0.00000618	0.00848	0.00169	0.0165	0.0325	0.0000062	29	0.0000251	0.00041	0.000456	0.00124
2116 Sep	85.7	0.0607	0.0136	0.0011	14.1	0.0356	21.1	0.00105	0.00105	0.00000529	0.00761	0.00137	0.0182	0.0239	0.00000533	23.6	0.0000199	0.000324	0.000303	0.00107
2116 Oct	82.4	0.0799	0.00956	0.00101	12.9	0.0411	24.7	0.000965	0.000965	0.00000485	0.00758	0.00121	0.0197	0.0195	0.0000049	21.3	0.0000173	0.000275	0.000213	0.00104
2116 Nov	82.9	0.0834	0.00922	0.00101	12.9	0.0422	25.2	0.00097	0.00097	0.00000487	0.0077	0.00121	0.02	0.0193	0.00000493	21.3	0.0000173	0.000274	0.000207	0.00105
2116 Dec	83.1	0.0835	0.00928	0.00101	13	0.0422	25.2	0.000971	0.000971	0.00000488	0.0077	0.00122	0.02	0.0194	0.00000493	21.3	0.0000173	0.000274	0.000208	0.00105
2117 Jan	83.2	0.0835	0.00931	0.00101	13	0.0422	25.2	0.000971	0.000971	0.00000488	0.00771	0.00122	0.02	0.0194	0.00000493	21.4	0.0000173	0.000275	0.000209	0.00105
2117 Feb	83.3	0.0835	0.00935	0.00101	13	0.0422	25.2	0.000972	0.000972	0.00000488	0.0077	0.00122	0.02	0.0194	0.00000493	21.4	0.0000173	0.000275	0.000209	0.00105
2117 Mar	83.6	0.0838	0.00939	0.00102	13.1	0.0423	25.3	0.000975	0.000975	0.00000489	0.00773	0.00122	0.0201	0.0195	0.00000495	21.5	0.0000174	0.000276	0.000211	0.00106
2117 Apr	85.2	0.0854	0.00958	0.00104	13.3	0.0432	25.8	0.000994	0.000994	0.00000499	0.00788	0.00125	0.0205	0.0199	0.00000504	21.9	0.0000177	0.000281	0.000215	0.00108
2117 May	91	0.0848	0.0125	0.00106	15.1	0.0405	24.8	0.00102	0.00102	0.0000051	0.00783	0.00138	0.0195	0.0242	0.00000515	24.8	0.0000188	0.00032	0.000297	0.00114
2117 Jun	101	0.0736	0.0206	0.00114	19	0.0307	19.1	0.00105	0.00105	0.00000527	0.00735	0.00165	0.0155	0.034	0.0000053	30.5	0.0000211	0.000403	0.000495	0.00125
2117 Jul	109	0.0791	0.0222	0.00127	20.8	0.0344	20	0.00119	0.00119	0.00000599	0.00831	0.00185	0.0169	0.0377	0.00000602	33.6	0.0000238	0.000446	0.000545	0.00139
2117 Aug	106	0.0753	0.021	0.00129	20.3	0.0362	19.3	0.00123	0.00123	0.00000618	0.00844	0.00186	0.0171	0.037	0.00000621	32.9	0.0000234	0.000437	0.000525	0.00139
2117 Sep	102	0.0731	0.0193	0.00126	19.4	0.0376	19.6	0.00123	0.00123	0.00000615	0.00836	0.00181	0.0175	0.0352	0.00000618	31.6	0.0000224	0.00042	0.000488	0.00135
2117 Oct	95.2	0.0709	0.0152	0.00114	16.7	0.0389	23.1	0.00112	0.00112	0.00000559	0.00782	0.00159	0.0189	0.0292	0.00000564	28	0.0000199	0.000366	0.000387	0.00123
2117 Nov	93.6	0.0722	0.0138	0.0011	15.7	0.0397	24.8	0.00108	0.00108	0.0000054	0.00769	0.00151	0.0196	0.027	0.00000545	26.7	0.0000191	0.000346	0.000348	0.00119
2117 Dec	93.6	0.0728	0.0136	0.0011	15.6	0.04	25.2	0.00107	0.00107	0.00000536	0.00768	0.00149	0.0198	0.0266	0.00000541	26.5	0.000019	0.000343	0.000341	0.00119
2118 Jan	93.8	0.073	0.0136	0.0011	15.6	0.04	25.3	0.00107	0.00107	0.00000536	0.00768	0.00149	0.0198	0.0266	0.00000541	26.5	0.000019	0.000343	0.000341	0.00119
2118 Feb	94	0.0731	0.0136	0.0011	15.6	0.04	25.3	0.00107	0.00107	0.00000536	0.00768	0.0015	0.0198	0.0267	0.00000541	26.6	0.000019	0.000344	0.000343	0.00119
2118 Mar	94.2	0.0732	0.0137	0.0011	15.7	0.04	25.4	0.00107	0.00107	0.00000537	0.00769	0.0015	0.0198	0.0267	0.00000542	26.7	0.000019	0.000345	0.000344	0.00119
2118 Apr	95.4	0.0745	0.0137	0.00111	15.9	0.0406	25.9	0.00108	0.00108	0.00000542	0.00778	0.00152	0.0201	0.027	0.00000548	27	0.0000192	0.000349	0.000347	0.00121
2118 May	97.9	0.0726	0.0178	0.00109	17.8	0.0336	21.4	0.00104	0.00104	0.00000521	0.00729	0.00161	0.0168	0.0318	0.00000525	29.4	0.0000198	0.000383	0.000449	0.00123
2118 Jun	92.4	0.0614	0.0214	0.00109	18.4	0.0248	13.1	0.000995	0.000995	0.00000499	0.00666	0.00158	0.012	0.0336	0.000005	28.6	0.0000201	0.000385	0.000501	0.00115
2118 Jul	105	0.069	0.0241	0.00126	21	0.0289	14.6	0.00117	0.00117	0.00000586	0.00784	0.00183	0.0138	0.0386	0.00000588	32.9	0.0000236	0.000444	0.000573	0.00133
2118 Aug	84.4	0.0522	0.0164	0.0011	15.9	0.0321	15.7	0.00106	0.00106	0.0000053	0.00689	0.00151	0.015	0.0286	0.00000533	25.8	0.000018	0.000349	0.000391	0.0011
2118 Sep	82.4	0.0653	0.0117	0.00102	13.4	0.039	22.2	0.000962	0.000962	0.00000483	0.00676	0.00125	0.0185	0.021	0.00000488	21.8	0.000015	0.000283	0.000246	0.00102
2118 Oct	84	0.0783	0.0112	0.00103	13.5	0.0409	23.4	0.000951	0.000951	0.00000478	0.00714	0.0012	0.0189	0.0197	0.00000482	21.1	0.0000156	0.000269	0.000219	0.00103
2118 Nov	85.7	0.081	0.0114	0.00105	13.6	0.0413	24	0.000954	0.000954	0.00000479	0.00725	0.0012	0.0191	0.0198	0.00000484	21.3	0.0000159	0.000271	0.000221	0.00105
2118 Dec	86	0.0812	0.0115	0.00105	13.7	0.0414	24.1	0.000956	0.000956	0.0000048	0.00727	0.00121	0.0192	0.0199	0.00000485	21.4	0.000016	0.000271	0.000222	0.00105
2119 Jan	86.1	0.0813	0.0115	0.00105	13.7	0.0414	24.1	0.000956	0.000956	0.0000048	0.00727	0.00121	0.0192	0.0199	0.00000485	21.4	0.000016	0.000272	0.000223	0.00105
2119 Feb	86.3	0.0814	0.0116	0.00105	13.7	0.0414	24.1	0.000957	0.000957	0.00000481	0.00727	0.00121	0.0192	0.02	0.00000486	21.5	0.000016	0.000272	0.000224	0.00105
2119 Mar	86.8	0.0819	0.0116	0.00106	13.8	0.0417	24.3	0.000963	0.000963	0.00000484	0.00732	0.00122	0.0193	0.0201	0.00000489	21.6	0.0000161	0.000274	0.000225	0.00106
2119 Apr	91.7	0.0866	0.0126	0.00107	15	0.0422	25.3	0.000983	0.000983	0.00000494	0.00745	0.00131	0.0197	0.0226	0.00000499	23.7	0.0000167	0.000299	0.000267	0.00112
2119 May	102	0.0782	0.0217	0.00105	20.2	0.0285	17.9	0.000963	0.000963	0.00000483	0.00657	0.00168	0.0138	0.0363	0.00000486	31.8	0.0000188	0.000409	0.000545	0.00125
2119 Jun	96.1	0.066	0.0214	0.00106	19	0.0254	15.4	0.000988	0.000988	0.00000495	0.00671	0.00164	0.0129	0.0351	0.00000497	30.3	0.0000203	0.000403	0.000528	0.00119
2119 Jul	106	0.0696	0.023	0.00122	20.5	0.0292	17.4	0.00116	0.00116	0.00000579	0.00793	0.00184	0.0151	0.0384	0.00000582	33.3	0.0000241	0.000451	0.00057	0.00133
2119 Aug	98.8	0.0617	0.0194	0.0012	18.3	0.0328	19.2	0.00115	0.00115	0.00000577	0.00777	0.00172	0.0168	0.0338	0.00000581	30.4	0.000022	0.000413	0.000479	0.00125
2119 Sep	86.5	0.0569	0.0128	0.00105	14.1	0.0374	23.3	0.00102	0.00102	0.00000509	0.00689	0.00138	0.0192	0.024	0.00000514	24.2	0.0000166	0.000323	0.000302	0.00106
2119 Oct	87.6	0.0687	0.0113	0.00102	13.4	0.0403	26.5	0.000967	0.000967	0.00000486	0.00701	0.00127	0.0205	0.0212	0.00000491	22.9	0.000016	0.000296	0.000249	0.00105
2119 Nov	89.3	0.075	0.0118	0.00104	13.7	0.0409	26.5	0.000961	0.000961	0.00000483	0.00715	0.00126	0.0203	0.021	0.00000488	22.7	0.0000163	0.000291	0.000245	0.00106
2119 Dec	89.6	0.0753	0.0119	0.00104	13.8	0.0409	26.5	0.000963	0.000963	0.00000484	0.00717	0.00126	0.0203	0.021	0.00000489	22.7	0.0000163	0.000292	0.000246	0.00106

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0392	0.00000909	0.818	1.13	0.0116	0.000112	2.45	0.000912	0.0413	0.0000495	0.0000592	0.0000401	0.0468	0.00000182	0.0000465	0.000237	0.00122	0
Operation (2026-2036): Mean	0.0523	0.0000104	1.12	1.79	0.0227	0.000285	3.81	0.00111	0.0514	0.000162	0.000146	0.0000533	0.0728	0.00000208	0.0000656	0.000437	0.0017	0
Operation (2026-2036): Max	0.097	0.0000125	1.86	3.62	0.0754	0.000463	6.45	0.00172	0.0647	0.000638	0.000256	0.000106	0.143	0.0000025	0.0000812	0.00101	0.00246	0
Active Closure (2037-2043): Min	0.0398	0.00000952	0.892	1.55	0.0141	0.000159	3.6	0.00102	0.0422	0.0000555	0.000115	0.0000449	0.0526	0.00000187	0.0000595	0.000227	0.00135	3.93E-08
Active Closure (2037-2043): Mean	0.0612	0.0000111	1.35	4.13	0.0376	0.000368	21.8	0.00194	0.0516	0.000274	0.000197	0.0000828	0.0963	0.00000217	0.0000909	0.000575	0.00181	0.000000209
Active Closure (2037-2043): Max	0.11	0.0000132	2.19	6.47	0.0943	0.000521	45.3	0.00269	0.0671	0.000777	0.000294	0.00014	0.175	0.00000264	0.00012	0.00122	0.00235	0.000000479
Post Closure (2044-2119): Min	0.0408	0.00000842	0.956	1.9	0.0153	0.000158	3.48	0.00127	0.0401	0.0000665	0.0000843	0.0000517	0.0546	0.00000185	0.0000614	0.000287	0.0012	1.53E-12
Post Closure (2044-2119): Mean	0.0631	0.0000107	1.41	4.22	0.0407	0.000408	6.13	0.00194	0.0517	0.000296	0.000178	0.0000845	0.102	0.00000211	0.0000946	0.000588	0.0017	1.32E-08
Post Closure (2044-2119): Max	0.131	0.0000146	2.6	7.49	0.115	0.000633	23.3	0.0031	0.0768	0.000953	0.000331	0.000165	0.211	0.00000293	0.000132	0.00143	0.00262	0.000000244
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0.0609	0.0000104	1.28	2.22	0.0329	0.00033	4.54	0.0012	0.0528	0.000254	0.00012	0.0000637	0.0897	0.00000208	0.0000696	0.000474	0.00154	0
2026 Feb	0.061	0.0000104	1.28	2.23	0.033	0.00033	4.54	0.0012	0.0528	0.000255	0.00012	0.0000638	0.0899	0.00000208	0.0000697	0.000476	0.00154	0
2026 Mar	0.0612	0.0000104	1.29	2.23	0.0331	0.00033	4.55	0.0012	0.0529	0.000256	0.000121	0.0000639	0.0901	0.00000208	0.0000698	0.000477	0.00154	0
2026 Apr	0.0617	0.0000105	1.3	2.25	0.0335	0.000333	4.59	0.00121	0.0533	0.000258	0.000122	0.0000645	0.0909	0.0000021	0.0000704	0.000482	0.00155	0
2026 May	0.0638	0.0000108	1.34	2.33	0.0346	0.000344	4.75	0.00125	0.0551	0.000267	0.000125	0.0000666	0.0939	0.00000216	0.0000727	0.000498	0.0016	0
2026 Jun	0.0498	0.00000975	1.03	1.64	0.025	0.000177	3.31	0.00107	0.0466	0.000189	0.000187	0.0000522	0.0664	0.00000195	0.000056	0.000517	0.00183	0
2026 Jul	0.0511	0.0000107	1.06	1.6	0.0233	0.000161	3.3	0.00113	0.05	0.000173	0.000218	0.0000532	0.0652	0.00000214	0.0000583	0.000549	0.00208	0
2026 Aug	0.0513	0.000011	1.07	1.58	0.0213	0.000175	3.38	0.00114	0.0509	0.000159	0.000204	0.0000532	0.065	0.0000022	0.0000592	0.000497	0.00204	0
2026 Sep	0.052	0.0000113	1.1	1.62	0.0209	0.000199	3.51	0.00116	0.0522	0.000153	0.000197	0.0000543	0.0668	0.00000226	0.0000614	0.000481	0.00204	0
2026 Oct	0.0492	0.0000108	1.07	1.58	0.0181	0.000242	3.5	0.0011	0.0508	0.000126	0.000163	0.0000509	0.0652	0.00000216	0.000062	0.000409	0.00183	0
2026 Nov	0.0496	0.0000109	1.08	1.59	0.0182	0.000248	3.53	0.00111	0.0512	0.000126	0.000163	0.0000512	0.0658	0.00000217	0.0000627	0.00041	0.00184	0
2026 Dec	0.0496	0.0000109	1.08	1.6	0.0182	0.000248	3.54	0.00111	0.0513	0.000126	0.000163	0.0000512	0.0659	0.00000218	0.0000628	0.00041	0.00184	0
2027 Jan	0.0497	0.0000109	1.08	1.6	0.0183	0.000249	3.54	0.00111	0.0513	0.000127	0.000163	0.0000513	0.066	0.00000218	0.0000629	0.000411	0.00184	0
2027 Feb	0.0498	0.0000109	1.08	1.6	0.0183	0.000249	3.55	0.00111	0.0513	0.000127	0.000163	0.0000513	0.0661	0.00000218	0.0000629	0.000412	0.00184	0
2027 Mar	0.0499	0.0000109	1.08	1.61	0.0184	0.000249	3.56	0.00111	0.0514	0.000127	0.000164	0.0000514	0.0663	0.00000218	0.000063	0.000413	0.00184	0
2027 Apr	0.0505	0.000011	1.1	1.63	0.0187	0.000252	3.6	0.00113	0.0521	0.000129	0.000166	0.0000521	0.0672	0.00000221	0.0000638	0.000419	0.00186	0
2027 May	0.0527	0.0000115	1.14	1.7	0.0196	0.000264	3.76	0.00118	0.0542	0.000136	0.000172	0.0000543	0.0702	0.0000023	0.0000665	0.000436	0.00194	0
2027 Jun	0.0447	0.00000991	0.951	1.38	0.0179	0.000166	2.96	0.00102	0.046	0.000127	0.00019	0.0000464	0.0569	0.00000198	0.0000542	0.000457	0.00188	0
2027 Jul	0.0456	0.0000106	0.96	1.33	0.0174	0.00013	2.85	0.00107	0.0483	0.000121	0.000229	0.0000472	0.055	0.00000212	0.0000547	0.000516	0.00215	0
2027 Aug	0.0501	0.0000117	1.06	1.47	0.0187	0.000154	3.19	0.00118	0.053	0.00013	0.000243	0.0000521	0.0609	0.00000234	0.0000604	0.000544	0.00232	0
2027 Sep	0.0473	0.0000111	1.04	1.45	0.0164	0.000204	3.24	0.00111	0.0509	0.000108	0.000197	0.0000497	0.0604	0.00000222	0.0000603	0.000451	0.00204	0
2027 Oct	0.0456	0.0000106	1.02	1.46	0.0147	0.000256	3.31	0.00106	0.05	0.0000899	0.000161	0.0000472	0.0607	0.00000212	0.000062	0.000387	0.00182	0
2027 Nov	0.0454	0.0000105	1.02	1.48	0.0143	0.000276	3.37	0.00105	0.0502	0.0000848	0.000151	0.0000467	0.0614	0.00000211	0.0000633	0.000371	0.00177	0
2027 Dec	0.0454	0.0000105	1.02	1.48	0.0142	0.000279	3.37	0.00105	0.0503	0.0000841	0.000149	0.0000466	0.0614	0.00000211	0.0000634	0.000369	0.00176	0
2028 Jan	0.0455	0.0000105	1.03	1.48	0.0143	0.000279	3.38	0.00105	0.0503	0.0000845	0.000149	0.0000466	0.0616	0.00000211	0.0000635	0.00037	0.00176	0
2028 Feb	0.0456	0.0000105	1.03	1.49	0.0144	0.000279	3.39	0.00106	0.0503	0.0000851	0.00015	0.0000467	0.0618	0.00000211	0.0000635	0.000371	0.00176	0
2028 Mar	0.0457	0.0000105	1.03	1.49	0.0145	0.000279	3.39	0.00106	0.0503	0.0000855	0.00015	0.0000468	0.0619	0.00000211	0.0000635	0.000372	0.00176	0
2028 Apr	0.046	0.0000106	1.04	1.5	0.0147	0.000281	3.42	0.00106	0.0507	0.0000864	0.000151	0.0000471	0.0624	0.00000212	0.000064	0.000375	0.00177	0
2028 May	0.0474	0.0000109	1.07	1.55	0.0152	0.000289	3.52	0.0011	0.0522	0.0000893	0.000155	0.0000486	0.0643	0.00000219	0.0000659	0.000387	0.00182	0
2028 Jun	0.0426	0.00001	0.932	1.31	0.0143	0.000195	2.91	0.001	0.0468	0.00009	0.000182	0.0000436	0.0543	0.000002	0.0000563	0.000422	0.00187	0
2028 Jul	0.044	0.0000105	0.94	1.29	0.0154	0.000146	2.8	0.00105	0.0481	0.000102	0.00022	0.0000453	0.0533	0.0000021	0.0000552	0.000489	0.0021	0
2028 Aug	0.0517	0.0000124	1.11	1.52	0.0181	0.000176	3.32	0.00123	0.0565	0.000119	0.000256	0.0000534	0.0629	0.00000247	0.000065	0.000568	0.00246	0
2028 Sep	0.0519	0.0000123	1.12	1.55	0.0176	0.000206	3.43	0.00123	0.0569	0.000114	0.000239	0.0000533	0.0644	0.00000247	0.0000669	0.000539	0.00237	0
2028 Oct	0.0456	0.0000105	1.03	1.5	0.0132	0.000312	3.43	0.00104	0.0518	0.0000723	0.00014	0.0000443	0.062	0.00000209	0.0000671	0.000363	0.00171	0
2028 Nov	0.0459	0.0000105	1.04	1.53	0.0129	0.000335	3.51	0.00104	0.0524	0.0000683	0.000131	0.0000441	0.0632	0.00000209	0.0000689	0.00035	0.00167	0
2028 Dec	0.046	0.0000105	1.04	1.53	0.0129	0.000336	3.52	0.00104	0.0525	0.0000682	0.000131	0.0000442	0.0633	0.00000209	0.000069	0.00035	0.00167	0
2029 Jan	0.046	0.0000105	1.04	1.54	0.013	0.000336	3.52	0.00104	0.0525	0.0000685	0.000131	0.0000442	0.0634	0.00000209	0.000069	0.000351	0.00167	0
2029 Feb	0.0461	0.0000105	1.04	1.54	0.0131	0.000336	3.53	0.00104	0.0525	0.0000691	0.000131	0.0000443	0.0635	0.00000209	0.000069	0.000352	0.00167	0
2029 Mar	0.0462	0.0000105	1.04	1.54	0.0132	0.000336	3.53	0.00105	0.0525	0.0000694	0.000131	0.0000443	0.0637	0.00000209	0.0000691	0.000353	0.00167	0
2029 Apr	0.0463	0.0000105	1.05	1.55	0.0133	0.000337	3.55	0.00105	0.0527	0.0000699	0.000131	0.0000445	0.0639	0.0000021	0.0000693	0.000354	0.00167	0
2029 May	0.0473	0.0000107	1.07	1.58	0.0136	0.000344	3.62	0.00107	0.0537	0.0000715	0.000134	0.0000454	0.0652	0.00000214	0.0000706	0.000361	0.00171	0
2029 Jun	0.0471	0.0000107	1.05	1.53	0.0147	0.000294	3.45	0.00107	0.0526	0.0000853	0.000158	0.000046	0.0632	0.00000214	0.0000672	0.000404	0.00182	0
2029 Jul	0.0411	0.00000962	0.862	1.19	0.014	0.000132	2.62	0.000956	0.0439	0.0000984	0.00019	0.0000416	0.0491	0.00000192	0.0000499	0.000418	0.00186	0
2029 Aug	0.0455	0.0000106	0.953	1.32	0.0146	0.000161	2.99	0.00104	0.048	0.000106	0.000184	0.0000458	0.0548	0.00000211	0.0000546	0.000398	0.00191	0
2029 Sep	0.0468	0.0000109	0.995	1.39	0.0145	0.000193	3.18	0.00107	0.0495	0.000103	0.000172	0.0000474	0.0577	0.00000217	0.0000574	0.000374	0.00187	0
2029 Oct	0.0457	0.0000105	0.992	1.41	0.0133	0.000241	3.28	0.00103	0.049	0.0000896	0.000141	0.0000458	0.0587	0.0000021	0.0000593	0.000323	0.00169	0
2029 Nov	0.0439	0.00000992	0.981	1.45	0.0116	0.000312	3.4	0.000976	0.0485	0.0000684	0.0001	0.0000427	0.0599	0.00000198	0.0000628	0.000262	0.00145	0
2029 Dec	0.0439	0.00000993	0.983	1.45	0.0116	0.000314	3.41	0.000977	0.0486	0.0000682	0.0001	0.0000427	0.06	0.00000199	0.000063	0.000262	0.00145	0
2030 Jan	0.044	0.00000993	0.985	1.46	0.0117	0.000315	3.42	0.000978	0.0487	0.0000688	0.0001	0.0000428	0.0602	0.00000199	0.000063	0.000263	0.00145	0
2030 Feb	0.0442	0.00000993	0.987	1.46	0.0119	0.000315	3.43	0.00098	0.0487	0.0000696	0.0001	0.0000429	0.0605	0.00000199	0.0000631	0.000265	0.00145	0
2030 Mar	0.0443	0.00000994	0.99	1.47	0.0121	0.000315	3.44	0.000982	0.0488	0.0000703	0.0001	0.000043	0.0607	0.00000199	0.0000632	0.000267	0.00145	0
2030 Apr	0.0446	0.00000998	0.995	1.48	0.0122	0.000316	3.45	0.000986	0.049	0.000071	0.000101	0.0000432	0.0611	0.000002	0.0000634	0.000269	0.00145	0
2030 May	0.0461	0.0000103	1.03	1.53	0.0127	0.000327	3.57	0.00102	0.0507	0.0000737	0.000104	0.0000447	0.0632	0.00000206	0.0000656	0.000278	0.0015	0
2030 Jun	0.0429	0.00000993	0.938	1.34	0.0133	0.000227	3.03	0.000988	0.0473	0.0000823	0.000158	0.0000426	0.0554	0.00000199	0.0000581	0.000374	0.00174	0
2030 Jul	0.0425	0.00001	0.904	1.25	0.0143	0.000153	2.75	0.000999	0.0462	0.0000958	0.000198	0.0000431	0.0516	0.00000201	0.0000535	0.000441	0.00194	0
2030 Aug	0.0462	0.0000108	0.978	1.35	0.0151	0.000169	3.02	0.00107	0.0497	0.000104	0.000202	0.0000466	0.056	0.00000217	0.0000573	0.000444	0.00203	0
2030 Sep	0.0496	0.0000117	1.06	1.46	0.0161	0.000189	3.28	0.00115	0.0535	0.00011	0.000212	0.0000503	0.0606	0.00000233	0.0000619	0.000469	0.00216	0
2030 Oct	0.0481	0.0000112	1.03	1.45	0.015	0.000213	3.28	0.00111	0.052	0.000101	0.000187	0.0000483	0.06	0.00000224	0.0000615	0.00042	0.00199	0
2030 Nov	0.0469	0.0000109	1.02	1.44	0.0141	0.000237	3.3	0.00107	0.0511	0.0000923	0.000166	0.0000467	0.0597	0.00000217	0.0000618	0.000383	0.00186	0
2030 Dec	0.0469	0.0000109	1.02	1.45	0.0141	0.000238	3.3	0.00107	0.0511	0.0000921	0.000166	0.0000467	0.0598	0.00000217	0.0000619	0.000382	0.00186	0
2031 Jan	0.047	0.0000109	1.02	1.45	0.0142	0.000238	3.31	0.00107	0.0512	0.0000925	0.000166	0.0000468	0.06	0.00000217	0.000062	0.000383	0.00186	0

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.0471	0.0000109	1.02	1.45	0.0144	0.000238	3.31	0.00107	0.0512	0.0000932	0.000166	0.0000468	0.0602	0.00000217	0.000062	0.000384	0.00186	0
2031 Mar	0.0472	0.0000109	1.02	1.46	0.0145	0.000239	3.32	0.00108	0.0512	0.0000937	0.000166	0.0000469	0.0603	0.00000217	0.000062	0.000385	0.00186	0
2031 Apr	0.0478	0.000011	1.03	1.48	0.0147	0.000241	3.36	0.00109	0.0518	0.000095	0.000168	0.0000475	0.0611	0.0000022	0.0000627	0.00039	0.00188	0
2031 May	0.0534	0.0000113	1.13	1.72	0.0207	0.000255	3.74	0.00116	0.0539	0.000147	0.000172	0.0000537	0.0704	0.00000225	0.000066	0.000449	0.00191	0
2031 Jun	0.084	0.0000102	1.6	3.18	0.067	0.000215	5.58	0.00145	0.0538	0.000567	0.000199	0.0000918	0.125	0.00000203	0.0000684	0.000887	0.00181	0
2031 Jul	0.0956	0.0000118	1.82	3.6	0.0754	0.000241	6.33	0.00167	0.0619	0.000638	0.000232	0.000104	0.142	0.00000236	0.0000783	0.00101	0.00211	0
2031 Aug	0.097	0.0000125	1.86	3.62	0.0742	0.000254	6.45	0.00172	0.0647	0.000627	0.000239	0.000106	0.143	0.0000025	0.0000812	0.00101	0.00221	0
2031 Sep	0.0799	0.0000114	1.59	2.96	0.0555	0.000282	5.53	0.00147	0.0586	0.000457	0.000187	0.0000866	0.118	0.00000229	0.000075	0.000769	0.00191	0
2031 Oct	0.0606	0.0000102	1.29	2.26	0.0329	0.000365	4.59	0.00119	0.0535	0.000248	0.000113	0.0000625	0.0911	0.00000204	0.0000728	0.000484	0.0015	0
2031 Nov	0.0598	0.0000102	1.28	2.23	0.0314	0.000379	4.58	0.00118	0.0538	0.000233	0.000108	0.0000612	0.09	0.00000204	0.0000738	0.000465	0.00147	0
2031 Dec	0.0598	0.0000102	1.28	2.23	0.0313	0.00038	4.58	0.00118	0.0539	0.000233	0.000107	0.0000611	0.09	0.00000204	0.0000739	0.000465	0.00147	0
2032 Jan	0.0599	0.0000102	1.28	2.24	0.0314	0.00038	4.59	0.00118	0.0539	0.000233	0.000107	0.0000611	0.0901	0.00000204	0.0000739	0.000465	0.00147	0
2032 Feb	0.06	0.0000102	1.28	2.24	0.0315	0.00038	4.59	0.00118	0.0539	0.000233	0.000108	0.0000612	0.0903	0.00000204	0.0000739	0.000467	0.00147	0
2032 Mar	0.0601	0.0000102	1.29	2.24	0.0316	0.000381	4.6	0.00118	0.0539	0.000234	0.000108	0.0000613	0.0905	0.00000204	0.000074	0.000468	0.00147	0
2032 Apr	0.0605	0.0000103	1.29	2.26	0.0319	0.000383	4.63	0.00119	0.0543	0.000236	0.000108	0.0000617	0.0912	0.00000205	0.0000745	0.000472	0.00148	0
2032 May	0.0626	0.0000106	1.34	2.34	0.033	0.000396	4.79	0.00123	0.0561	0.000244	0.000112	0.0000638	0.0943	0.00000212	0.000077	0.000488	0.00153	0
2032 Jun	0.0482	0.00000973	1.02	1.59	0.0223	0.000205	3.29	0.00105	0.0471	0.000162	0.000177	0.0000496	0.0646	0.00000195	0.0000579	0.000485	0.00179	0
2032 Jul	0.0392	0.00000909	0.818	1.13	0.0143	0.000112	2.45	0.000912	0.0413	0.000102	0.000189	0.0000401	0.0468	0.00000182	0.0000465	0.00042	0.0018	0
2032 Aug	0.0424	0.00000983	0.898	1.25	0.0141	0.000153	2.82	0.000974	0.0444	0.000102	0.00017	0.0000437	0.0519	0.00000197	0.0000507	0.00037	0.00176	0
2032 Sep	0.0443	0.0000103	0.958	1.34	0.0143	0.000188	3.06	0.00102	0.0466	0.000101	0.000162	0.0000464	0.0558	0.00000207	0.0000543	0.000355	0.00178	0
2032 Oct	0.0446	0.0000104	0.976	1.37	0.0141	0.000209	3.16	0.00103	0.0472	0.0000968	0.000154	0.0000468	0.0572	0.00000208	0.0000559	0.000341	0.00174	0
2032 Nov	0.0446	0.0000104	0.981	1.39	0.0138	0.000224	3.21	0.00103	0.0475	0.0000932	0.000147	0.0000466	0.0579	0.00000208	0.0000569	0.00033	0.00171	0
2032 Dec	0.0442	0.0000103	0.98	1.39	0.0134	0.000241	3.24	0.00101	0.0474	0.000088	0.000137	0.0000459	0.0582	0.00000205	0.0000577	0.000315	0.00165	0
2033 Jan	0.0444	0.0000103	0.983	1.4	0.0136	0.000242	3.25	0.00102	0.0475	0.0000888	0.000137	0.000046	0.0585	0.00000205	0.0000579	0.000317	0.00165	0
2033 Feb	0.0446	0.0000103	0.987	1.41	0.0139	0.000242	3.27	0.00102	0.0475	0.0000902	0.000137	0.0000462	0.059	0.00000205	0.000058	0.00032	0.00165	0
2033 Mar	0.0449	0.0000103	0.992	1.42	0.0141	0.000243	3.29	0.00102	0.0477	0.0000913	0.000137	0.0000464	0.0593	0.00000206	0.0000582	0.000323	0.00166	0
2033 Apr	0.0456	0.0000104	1.01	1.45	0.0144	0.000246	3.34	0.00104	0.0484	0.0000931	0.000139	0.0000471	0.0603	0.00000209	0.000059	0.000328	0.00168	0
2033 May	0.068	0.0000104	1.37	2.47	0.0443	0.000247	4.73	0.00129	0.052	0.000361	0.000163	0.0000736	0.0989	0.00000208	0.0000655	0.000625	0.00172	0
2033 Jun	0.0804	0.00000919	1.51	3.06	0.0675	0.000165	5.23	0.00137	0.0487	0.000576	0.0002	0.000089	0.12	0.00000184	0.0000611	0.000893	0.00172	0
2033 Jul	0.081	0.0000102	1.54	3	0.0643	0.000169	5.24	0.00143	0.0525	0.000545	0.000221	0.000089	0.118	0.00000204	0.0000646	0.000896	0.00193	0
2033 Aug	0.0891	0.0000115	1.7	3.28	0.0693	0.000192	5.78	0.00159	0.0588	0.000587	0.000244	0.0000977	0.13	0.0000023	0.0000722	0.000972	0.00216	0
2033 Sep	0.0713	0.0000106	1.42	2.6	0.048	0.000246	4.89	0.00134	0.0538	0.000394	0.000181	0.000077	0.104	0.00000213	0.000068	0.000696	0.00182	0
2033 Oct	0.0512	0.00000953	1.13	1.91	0.0214	0.00041	4.12	0.00104	0.0514	0.000142	0.0000772	0.0000496	0.0775	0.00000191	0.0000725	0.000347	0.00129	0
2033 Nov	0.0505	0.00000961	1.13	1.89	0.0194	0.000437	4.15	0.00103	0.0524	0.000122	0.0000683	0.0000481	0.0768	0.00000192	0.0000748	0.000322	0.00126	0
2033 Dec	0.0505	0.00000962	1.13	1.89	0.0194	0.000437	4.15	0.00103	0.0524	0.000122	0.0000682	0.0000481	0.0769	0.00000192	0.0000749	0.000322	0.00126	0
2034 Jan	0.0506	0.00000962	1.14	1.9	0.0195	0.000438	4.16	0.00103	0.0525	0.000122	0.0000682	0.0000481	0.077	0.00000192	0.0000749	0.000323	0.00126	0
2034 Feb	0.0507	0.00000962	1.14	1.9	0.0196	0.000437	4.16	0.00104	0.0525	0.000123	0.0000683	0.0000482	0.0772	0.00000192	0.0000749	0.000324	0.00126	0
2034 Mar	0.0508	0.00000963	1.14	1.91	0.0197	0.000438	4.17	0.00104	0.0525	0.000123	0.0000685	0.0000483	0.0773	0.00000193	0.000075	0.000325	0.00126	0
2034 Apr	0.0514	0.00000974	1.15	1.93	0.02	0.000443	4.22	0.00105	0.0531	0.000125	0.0000693	0.0000489	0.0783	0.00000195	0.0000759	0.000329	0.00128	0
2034 May	0.0593	0.0000101	1.29	2.25	0.029	0.00044	4.69	0.00116	0.0557	0.000205	0.0000857	0.0000581	0.0907	0.00000203	0.0000789	0.00043	0.00137	0
2034 Jun	0.0855	0.00000959	1.62	3.31	0.0711	0.000229	5.72	0.00144	0.0525	0.000602	0.000187	0.0000935	0.13	0.00000192	0.0000686	0.000914	0.00169	0
2034 Jul	0.0771	0.0000102	1.48	2.84	0.0578	0.0002	5.08	0.00138	0.0526	0.000486	0.000199	0.0000832	0.112	0.00000203	0.0000657	0.000809	0.00184	0
2034 Aug	0.0889	0.0000119	1.71	3.27	0.0657	0.000237	5.89	0.0016	0.0614	0.000552	0.000229	0.000096	0.129	0.00000239	0.0000766	0.000921	0.00214	0
2034 Sep	0.0711	0.0000109	1.43	2.59	0.0447	0.000291	4.99	0.00134	0.0561	0.000362	0.000164	0.0000747	0.103	0.00000218	0.0000723	0.000647	0.00177	0
2034 Oct	0.053	0.00000974	1.16	1.96	0.0225	0.000406	4.21	0.00107	0.0524	0.000154	0.0000809	0.0000512	0.0793	0.00000195	0.0000733	0.000358	0.00132	0
2034 Nov	0.0529	0.00000983	1.17	1.96	0.0217	0.00042	4.24	0.00107	0.0531	0.000146	0.0000774	0.0000508	0.0795	0.00000197	0.0000747	0.00035	0.00132	0
2034 Dec	0.053	0.00000984	1.17	1.97	0.0217	0.000421	4.25	0.00107	0.0532	0.000146	0.0000773	0.0000508	0.0796	0.00000197	0.0000748	0.00035	0.00132	0
2035 Jan	0.053	0.00000984	1.17	1.97	0.0218	0.000421	4.25	0.00107	0.0532	0.000146	0.0000773	0.0000508	0.0796	0.00000197	0.0000748	0.00035	0.00132	0
2035 Feb	0.0531	0.00000984	1.17	1.97	0.0219	0.000421	4.26	0.00107	0.0532	0.000147	0.0000774	0.0000509	0.0798	0.00000197	0.0000748	0.000351	0.00132	0
2035 Mar	0.0532	0.00000985	1.17	1.98	0.022	0.000422	4.26	0.00107	0.0533	0.000147	0.0000775	0.0000509	0.0799	0.00000197	0.0000749	0.000352	0.00132	0
2035 Apr	0.0538	0.00000995	1.18	2	0.0223	0.000426	4.31	0.00108	0.0538	0.000149	0.0000784	0.0000515	0.0808	0.00000199	0.0000757	0.000356	0.00133	0
2035 May	0.0574	0.0000104	1.26	2.14	0.0248	0.000444	4.57	0.00115	0.0565	0.000169	0.0000841	0.0000552	0.0864	0.00000208	0.0000794	0.000388	0.0014	0
2035 Jun	0.056	0.0000093	1.12	1.94	0.035	0.000166	3.66	0.00111	0.0459	0.00028	0.00019	0.0000594	0.0775	0.00000186	0.0000559	0.00061	0.00178	0
2035 Jul	0.0523	0.0000102	1.06	1.68	0.0274	0.000141	3.32	0.00112	0.0481	0.000212	0.000221	0.000055	0.0679	0.00000204	0.000056	0.000591	0.00204	0
2035 Aug	0.0538	0.0000109	1.12	1.73	0.0265	0.000168	3.51	0.00118	0.0508	0.000201	0.000219	0.0000573	0.0704	0.00000218	0.0000596	0.000574	0.0021	0
2035 Sep	0.0445	0.00000983	1.03	1.56	0.0162	0.000311	3.5	0.00101	0.0475	0.0000988	0.000118	0.0000478	0.0647	0.00000197	0.0000623	0.000334	0.00153	0
2035 Oct	0.0435	0.0000096	1.03	1.59	0.013	0.000399	3.68	0.000977	0.0492	0.0000638	0.000077	0.0000438	0.0659	0.00000192	0.0000687	0.000265	0.00132	0
2035 Nov	0.0429	0.00000939	1.02	1.59	0.0116	0.000433	3.72	0.00095	0.0497	0.0000497	0.0000595	0.0000414	0.0658	0.00000188	0.000071	0.000237	0.00122	0
2035 Dec	0.043	0.0000094	1.03	1.6	0.0116	0.000435	3.73	0.000952	0.0498	0.0000495	0.0000592	0.0000414	0.066	0.00000188	0.0000713	0.000237	0.00122	0
2036 Jan	0.0431	0.0000094	1.03	1.6	0.0117	0.000435	3.73	0.000953	0.0498	0.0000501	0.0000593	0.0000415	0.0662	0.00000188	0.0000713	0.000238	0.00122	0
2036 Feb	0.0432	0.00000941	1.03	1.61	0.0119	0.000435	3.74	0.000955	0.0498	0.000051	0.0000594	0.0000416	0.0664	0.00000188	0.0000713	0.00024	0.00122	0
2036 Mar	0.0433	0.00000941	1.03	1.61	0.0121	0.000434	3.75	0.000956	0.0498	0.0000516	0.0000596	0.0000416	0.0666	0.00000188	0.0000714	0.000241	0.00122	0
2036 Apr	0.044	0.00000953	1.05	1.64	0.0124	0.00044	3.8	0.00097	0.0505	0.0000531	0.0000604	0.0000422	0.0677	0.00000191	0.0000723	0.000246	0.00124	0
2036 May	0.0467	0.00001	1.11	1.74	0.0135	0.000463	4.02	0.00102	0.0532	0.0000584	0.0000639	0.0000447	0.0718	0.00000201	0.0000762	0.000263	0.0013	0
2036 Jun	0.0475	0.00000964	1.02	1.59	0.0211	0.000235	3.34	0.00103	0.0474	0.000146	0.000163	0.0000482	0.0649	0.00000193	0.0000597	0.000459	0.00172	0
2036 Jul	0.0464	0.0000102	0.975	1.42	0.0188	0.000159	3.01	0.00106	0.0477	0.000133	0.000205	0.0000475	0.0582	0.00000205	0.0000557	0.000493	0.00199	0
2036 Aug	0.0525	0.0000116	1.1	1.6	0.0209	0.000184	3.42	0.00119	0.054	0.000148	0.000227	0.0000538	0.0659	0.00000232	0.000063	0.000543	0.00223	0
2036 Sep	0.0503	0.0000113	1.08	1.56	0.0188	0.000211	3.42	0.00115	0.0524	0.00013	0.000198	0.0000518	0.0645	0.00000225	0.0000624	0.000475	0.00205	0
2036 Oct	0.0464	0.0000104	1.03	1.53	0.015	0.000291	3.46	0.00105	0.0505	0.0000923	0.000138	0.0000464	0.0631	0.00000207	0.0000643	0.000361	0.00168	0
2036 Nov	0.0459	0.0000102	1.03	1.54	0.0142	0.000315	3.5	0.00103	0.0505	0.0000839	0.000125	0.0000452	0.0634	0.00000204	0.0000656	0.000338	0.00161	0
2036 Dec	0.0457	0.0000102	1.03	1.54	0.0139	0.000325	3.51	0.00102	0.0505	0.0000805	0.000119	0.0000448	0.0635	0.00000203	0.0000662	0.00033	0.00157	0
2037 Jan	0.0458	0.0000102	1.03	1.55	0.0141	0.000328	3.6	0.00102	0.0506	0.0000806	0.000118	0.0000449	0.0639	0.00000203	0.0000665	0.00033	0.00157	0
2037 Feb	0.046	0.0000102	1.03	1.56	0.0143	0.000328	3.63	0.00103	0.0506	0.0000818	0.000119	0.000045	0.0643	0.00000203	0.0000666	0.000332	0.00157	0
2037 Mar	0.0463	0.0000102	1.04	1.57	0.0145	0.000329	3.65	0.00103	0.0508	0.0000828	0.000119	0.0000452	0.0646	0.00000204	0.0000668	0.000335	0.00157	0
2037 Apr	0.0467	0.0000103	1.05	1.59	0.0147	0.000332	3.68	0.00104	0.0512	0.0000839	0.00012	0.0000456	0.0653	0.00000205	0.0000673	0.000338	0.00158	0
2037 May	0.0689	0.0000105	1.43	3.43	0.046	0.000352	15.6	0.00159	0.0537	0.000358	0.000165	0.0000796	0.106	0.00000205	0.000082	0.000647	0.00166	0
2037 Jun	0.0868	0.00000963	1.67	4.56	0.0767	0.000254	20	0.00187	0.0505	0.00064	0.00022	0.000106	0.137	0.00000187	0.0000802	0.000972	0.00173	0

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0897	0.0000109	1.75	5.04	0.0764	0.000286	25	0.00212	0.0552	0.000629	0.000252	0.000112	0.14	0.0000021	0.0000906	0.00101	0.00198	0
2037 Aug	0.0949	0.000012	1.88	5.53	0.0794	0.000324	28.9	0.00234	0.0598	0.00065	0.000272	0.000121	0.149	0.00000231	0.0001	0.00105	0.00215	3.93E-08
2037 Sep	0.0928	0.0000124	1.88	5.92	0.0759	0.000372	34.2	0.00252	0.0606	0.00061	0.000275	0.000123	0.148	0.0000024	0.000108	0.00102	0.00218	0.000000153
2037 Oct	0.0737	0.0000115	1.61	6.12	0.0552	0.000468	43.2	0.00258	0.0546	0.00041	0.000233	0.000108	0.124	0.0000022	0.000115	0.000756	0.00188	0.00000023
2037 Nov	0.0712	0.0000115	1.59	6.2	0.052	0.000493	44.9	0.00261	0.0543	0.000379	0.000225	0.000107	0.121	0.00000219	0.000118	0.000716	0.00183	0.000000274
2037 Dec	0.0712	0.0000115	1.59	6.2	0.052	0.000494	44.9	0.00261	0.0543	0.000378	0.000225	0.000107	0.121	0.0000022	0.000118	0.000716	0.00183	0.000000283
2038 Jan	0.0712	0.0000115	1.59	6.2	0.052	0.000494	44.9	0.00261	0.0543	0.000378	0.000225	0.000107	0.121	0.0000022	0.000118	0.000716	0.00183	0.000000287
2038 Feb	0.0713	0.0000115	1.59	6.21	0.0521	0.000494	45	0.00261	0.0543	0.000378	0.000225	0.000107	0.121	0.0000022	0.000118	0.000717	0.00183	0.00000029
2038 Mar	0.0713	0.0000115	1.59	6.21	0.0522	0.000494	45	0.00261	0.0543	0.000379	0.000225	0.000107	0.122	0.0000022	0.000118	0.000717	0.00183	0.000000291
2038 Apr	0.0719	0.0000116	1.6	6.25	0.0526	0.000498	45.3	0.00263	0.0547	0.000381	0.000227	0.000108	0.123	0.00000221	0.000119	0.000723	0.00185	0.000000293
2038 May	0.0776	0.0000117	1.7	6.47	0.0597	0.000497	45.1	0.00269	0.0559	0.000446	0.000234	0.000114	0.132	0.00000226	0.00012	0.000795	0.00187	0.000000379
2038 Jun	0.0898	0.00000994	1.78	5.29	0.0803	0.000308	25.8	0.00216	0.0516	0.000663	0.00023	0.000116	0.146	0.00000201	0.0000912	0.001	0.00178	0.000000449
2038 Jul	0.103	0.0000118	2.03	5.86	0.0901	0.000341	27.7	0.00243	0.0607	0.000745	0.000272	0.000131	0.165	0.00000237	0.000104	0.00115	0.00213	0.000000425
2038 Aug	0.11	0.0000132	2.19	6.2	0.0943	0.000376	28.9	0.00261	0.0671	0.000777	0.000294	0.00014	0.175	0.00000264	0.000112	0.00122	0.00235	0.000000394
2038 Sep	0.0948	0.0000125	1.93	5.45	0.0763	0.000387	26.2	0.00235	0.0627	0.000615	0.000254	0.000121	0.151	0.00000247	0.000105	0.00101	0.00215	0.000000232
2038 Oct	0.0773	0.0000116	1.65	4.93	0.0561	0.000436	26.2	0.00215	0.0578	0.000429	0.000205	0.000101	0.126	0.00000226	0.000103	0.000764	0.00187	0.000000129
2038 Nov	0.0768	0.0000117	1.65	4.95	0.0553	0.000444	26.6	0.00216	0.0579	0.000421	0.000204	0.000101	0.125	0.00000227	0.000104	0.000754	0.00186	0.000000144
2038 Dec	0.0768	0.0000117	1.65	4.96	0.0552	0.000445	26.6	0.00217	0.0579	0.00042	0.000203	0.000101	0.125	0.00000227	0.000104	0.000754	0.00186	0.000000151
2039 Jan	0.0768	0.0000117	1.65	4.96	0.0553	0.000445	26.7	0.00217	0.0579	0.00042	0.000203	0.000101	0.125	0.00000227	0.000104	0.000754	0.00186	0.000000155
2039 Feb	0.0769	0.0000117	1.65	4.96	0.0553	0.000445	26.7	0.00217	0.0579	0.000421	0.000203	0.000101	0.125	0.00000227	0.000104	0.000754	0.00186	0.000000157
2039 Mar	0.077	0.0000117	1.65	4.98	0.0555	0.000446	26.7	0.00217	0.058	0.000421	0.000204	0.000101	0.125	0.00000227	0.000104	0.000756	0.00186	0.000000158
2039 Apr	0.0776	0.0000118	1.67	5.01	0.0559	0.000449	26.9	0.00219	0.0584	0.000425	0.000205	0.000102	0.126	0.00000229	0.000105	0.000762	0.00187	0.000000159
2039 May	0.0805	0.0000122	1.73	5.2	0.058	0.000466	27.9	0.00227	0.0606	0.00044	0.000213	0.000105	0.131	0.00000237	0.000109	0.00079	0.00194	0.000000164
2039 Jun	0.0479	0.0000102	1.12	4.09	0.0272	0.000318	27.5	0.00196	0.045	0.000175	0.000232	0.0000731	0.0757	0.00000202	0.0000881	0.000542	0.0019	0.000000429
2039 Jul	0.0416	0.00000978	0.951	2.89	0.0172	0.000227	18.6	0.00156	0.0422	0.00011	0.000205	0.0000577	0.0584	0.00000198	0.0000706	0.000412	0.0018	0.000000426
2039 Aug	0.0472	0.0000109	1.07	3.55	0.0175	0.0003	23.5	0.00182	0.0465	0.000117	0.00018	0.0000663	0.0673	0.0000022	0.0000821	0.000328	0.00172	0.000000479
2039 Sep	0.0489	0.0000114	1.11	3.64	0.0174	0.000332	23.5	0.00186	0.0488	0.000114	0.000173	0.0000678	0.0702	0.00000226	0.0000856	0.000318	0.00173	0.00000037
2039 Oct	0.0476	0.0000111	1.1	3.69	0.0165	0.000366	23.6	0.00184	0.0484	0.000101	0.000156	0.0000664	0.0704	0.00000218	0.0000873	0.00029	0.00162	0.000000275
2039 Nov	0.0479	0.0000112	1.11	3.73	0.0166	0.000371	23.9	0.00185	0.0487	0.000101	0.000156	0.0000669	0.071	0.00000219	0.0000882	0.000291	0.00162	0.000000283
2039 Dec	0.0479	0.0000112	1.11	3.73	0.0166	0.000372	23.9	0.00186	0.0488	0.000101	0.000157	0.000067	0.0711	0.0000022	0.0000884	0.000291	0.00162	0.000000288
2040 Jan	0.048	0.0000112	1.11	3.74	0.0167	0.000373	23.9	0.00186	0.0488	0.000102	0.000157	0.000067	0.0712	0.0000022	0.0000884	0.000292	0.00162	0.00000029
2040 Feb	0.048	0.0000112	1.11	3.74	0.0168	0.000373	24	0.00186	0.0488	0.000102	0.000157	0.0000671	0.0713	0.0000022	0.0000885	0.000293	0.00162	0.000000292
2040 Mar	0.0482	0.0000112	1.12	3.75	0.0169	0.000374	24	0.00186	0.0489	0.000103	0.000157	0.0000672	0.0715	0.0000022	0.0000887	0.000294	0.00163	0.000000293
2040 Apr	0.0486	0.0000113	1.13	3.78	0.0171	0.000376	24.2	0.00188	0.0493	0.000104	0.000158	0.0000677	0.0721	0.00000222	0.0000893	0.000297	0.00164	0.000000295
2040 May	0.0543	0.0000115	1.23	4.11	0.0238	0.00039	25.2	0.00198	0.0513	0.000161	0.000168	0.0000751	0.0822	0.00000227	0.0000934	0.00037	0.00169	0.000000303
2040 Jun	0.0729	0.00000952	1.46	4.01	0.0591	0.000241	17	0.00177	0.0472	0.000484	0.000216	0.0000921	0.113	0.00000193	0.0000766	0.000809	0.00176	0.000000362
2040 Jul	0.0733	0.0000105	1.47	3.77	0.0555	0.000232	15.2	0.00177	0.0513	0.000451	0.000239	0.0000902	0.11	0.00000212	0.0000777	0.000819	0.00199	0.000000292
2040 Aug	0.075	0.0000113	1.51	3.82	0.0541	0.000247	15.3	0.00183	0.0545	0.000437	0.000246	0.0000917	0.111	0.00000227	0.0000815	0.000813	0.00211	0.000000221
2040 Sep	0.0684	0.0000113	1.44	3.9	0.0463	0.000294	16.9	0.00186	0.0531	0.00036	0.000226	0.0000877	0.104	0.00000223	0.0000844	0.000702	0.00199	0.000000127
2040 Oct	0.0663	0.0000114	1.42	4.09	0.0434	0.000332	18.6	0.00193	0.0532	0.000329	0.000218	0.0000873	0.102	0.00000223	0.0000886	0.00066	0.00195	9.71E-08
2040 Nov	0.0666	0.0000115	1.43	4.13	0.0434	0.000337	18.9	0.00195	0.0536	0.000329	0.000218	0.0000878	0.103	0.00000224	0.0000895	0.00066	0.00196	9.58E-08
2040 Dec	0.0666	0.0000115	1.43	4.13	0.0434	0.000338	18.9	0.00195	0.0536	0.000328	0.000218	0.0000878	0.103	0.00000224	0.0000896	0.00066	0.00196	0.000000098
2041 Jan	0.0666	0.0000115	1.43	4.14	0.0435	0.000338	18.9	0.00195	0.0536	0.000329	0.000218	0.0000879	0.103	0.00000224	0.0000897	0.000661	0.00196	9.98E-08
2041 Feb	0.0667	0.0000115	1.43	4.14	0.0435	0.000338	19	0.00195	0.0536	0.000329	0.000219	0.0000879	0.103	0.00000224	0.0000897	0.000661	0.00196	0.000000101
2041 Mar	0.0668	0.0000115	1.44	4.15	0.0437	0.000339	19	0.00196	0.0537	0.00033	0.000219	0.0000881	0.103	0.00000225	0.0000899	0.000663	0.00196	0.000000101
2041 Apr	0.0672	0.0000116	1.45	4.17	0.0439	0.000341	19.1	0.00197	0.054	0.000332	0.00022	0.0000886	0.104	0.00000226	0.0000904	0.000667	0.00198	0.000000102
2041 May	0.0687	0.0000119	1.48	4.39	0.045	0.000359	20.4	0.00205	0.0553	0.000338	0.000226	0.0000915	0.107	0.00000231	0.0000942	0.00068	0.00202	9.93E-08
2041 Jun	0.0477	0.0000102	1.09	3.55	0.0259	0.000273	19.5	0.00178	0.045	0.000172	0.000229	0.0000687	0.072	0.00000202	0.0000801	0.000531	0.00192	0.000000289
2041 Jul	0.0404	0.00000962	0.892	2.05	0.0167	0.000159	9.74	0.00127	0.0424	0.000108	0.000221	0.0000499	0.0526	0.00000193	0.0000595	0.00047	0.00194	0.000000177
2041 Aug	0.0454	0.0000108	1	2.24	0.0181	0.000187	10.2	0.0014	0.0477	0.000118	0.000235	0.0000555	0.0592	0.00000216	0.0000662	0.000498	0.00212	0.000000153
2041 Sep	0.0459	0.000011	1.03	2.42	0.0176	0.000228	10.9	0.00146	0.0486	0.000111	0.000219	0.0000575	0.0619	0.00000218	0.00007	0.000461	0.00205	0.000000104
2041 Oct	0.045	0.0000109	1.05	2.85	0.0169	0.000297	13.4	0.00157	0.0483	0.0000965	0.000196	0.0000594	0.0646	0.00000213	0.0000769	0.00041	0.00189	6.08E-08
2041 Nov	0.0454	0.000011	1.06	2.93	0.017	0.000309	13.9	0.0016	0.0488	0.0000958	0.000195	0.0000603	0.0656	0.00000214	0.0000787	0.000409	0.00189	5.88E-08
2041 Dec	0.0455	0.000011	1.06	2.94	0.017	0.00031	13.9	0.0016	0.0489	0.0000959	0.000195	0.0000604	0.0658	0.00000215	0.0000789	0.00041	0.00189	6.17E-08
2042 Jan	0.0455	0.000011	1.07	2.94	0.0171	0.00031	14	0.0016	0.0489	0.0000962	0.000195	0.0000605	0.0659	0.00000215	0.0000789	0.00041	0.00189	6.35E-08
2042 Feb	0.0456	0.000011	1.07	2.95	0.0172	0.00031	14	0.00161	0.0489	0.0000966	0.000195	0.0000605	0.066	0.00000215	0.000079	0.000411	0.00189	6.46E-08
2042 Mar	0.0457	0.000011	1.07	2.96	0.0173	0.000311	14	0.00161	0.049	0.0000969	0.000196	0.0000606	0.0662	0.00000215	0.0000791	0.000412	0.00189	6.53E-08
2042 Apr	0.0463	0.0000112	1.08	3	0.0175	0.000315	14.2	0.00163	0.0497	0.0000985	0.000198	0.0000615	0.0671	0.00000218	0.0000802	0.000418	0.00192	6.63E-08
2042 May	0.0491	0.0000117	1.15	3.28	0.0191	0.000343	15.6	0.00175	0.0522	0.000108	0.000207	0.0000659	0.072	0.00000228	0.0000859	0.000441	0.00199	6.39E-08
2042 Jun	0.0448	0.0000103	1.04	3.18	0.0208	0.000274	16.4	0.00167	0.0455	0.000128	0.000217	0.0000626	0.066	0.00000203	0.0000776	0.000477	0.00191	0.000000242
2042 Jul	0.0432	0.0000101	0.958	2.44	0.0178	0.0002	11.6	0.00142	0.0444	0.000117	0.000214	0.0000548	0.058	0.00000201	0.0000662	0.000455	0.00192	0.000000187
2042 Aug	0.0415	0.0000102	1.02	3.27	0.0163	0.000324	16.7	0.00167	0.043	0.0000921	0.000162	0.0000627	0.0644	0.000002	0.0000775	0.000313	0.0016	0.000000234
2042 Sep	0.0398	0.0000103	1.08	3.69	0.0155	0.000428	18.7	0.0018	0.0429	0.000067	0.000129	0.0000675	0.0698	0.000002	0.0000855	0.000242	0.00144	0.000000198
2042 Oct	0.0398	0.0000102	1.1	3.9	0.015	0.000484	19.7	0.00184	0.0439	0.0000555	0.000115	0.0000675	0.0722	0.00000197	0.0000914	0.000227	0.00135	0.000000186
2042 Nov	0.0402	0.0000103	1.11	3.96	0.0152	0.000493	20	0.00187	0.0444	0.0000559	0.000116	0.0000682	0.0731	0.00000199	0.0000928	0.00023	0.00136	0.000000199
2042 Dec	0.0403	0.0000103	1.11	3.96	0.0152	0.000493	20.1	0.00187	0.0445	0.000056	0.000116	0.0000683	0.0733	0.00000199	0.0000929	0.00023	0.00136	0.000000203
2043 Jan	0.0403	0.0000103	1.11	3.97	0.0153	0.000494	20.1	0.00187	0.0445	0.0000563	0.000116	0.0000683	0.0734	0.00000199	0.000093	0.000231	0.00136	0.000000205
2043 Feb	0.0404	0.0000103	1.11	3.97	0.0154	0.000494	20.1	0.00187	0.0445	0.0000568	0.000116	0.0000684	0.0735	0.00000199	0.000093	0.000232	0.00136	0.000000206
2043 Mar	0.0405	0.0000103	1.12	3.98	0.0154	0.000494	20.2	0.00187	0.0446	0.0000571	0.000116	0.0000685	0.0736	0.00000199	0.0000931	0.000233	0.00136	0.000000207
2043 Apr	0.041	0.0000105	1.13	4.03	0.0157	0.0005	20.4	0.0019	0.0451	0.0000581	0.000118	0.0000694	0.0746	0.00000202	0.0000943	0.000236	0.00138	0.00000021
2043 May	0.0465	0.000011	1.24	4.37	0.0209	0.000521	21.6	0.00203	0.048	0.000101	0.00013	0.0000764	0.0837	0.00000212	0.0000998	0.000297	0.00147	0.000000217
2043 Jun	0.0737	0.00000985	1.5	4.23	0.0595	0.000279	15.4	0.00185	0.0487	0.00048	0.000214	0.0000947	0.116	0.00000196	0.0000813	0.000808	0.00177	0.00000024
2043 Jul	0.0777	0.0000112	1.57	4.05	0.0584	0.000272	13.7	0.00188	0.0548	0.000471	0.000242	0.0000959	0.118	0.00000223	0.0000841	0.000845	0.00206	0.000000168
2043 Aug	0.0803	0.0000123	1.65	4.24	0.0578	0.000307	14.3	0.00201	0.0589	0.000461	0.00025	0.0001	0.122	0.00000243	0.0000907	0.000846	0.00219	0.000000144
2043 Sep	0.0722	0.000012	1.55	4.22	0.0492	0.000341	15	0.002	0.0562	0.000379	0.000228	0.0000943	0.112	0.00000236	0.0000914	0.000726	0.00206	0.000000117
2043 Oct	0.0632	0.0000115	1.44	4.73	0.0397	0.00044	19.2	0.00216	0.0536	0.000279	0.000199	0.0000901	0.104	0.00000224	0.000102	0.00059	0.00183	0.000000168
2043 Nov	0.057	0.0000111	1.38	5.04	0.0331	0.000511	22.1	0.00224	0.052	0.00021	0.000176	0.0000865	0.0984	0.00000216	0.000109	0.000496	0.00167	0.000000225

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.057	0.0000111	1.38	5.03	0.033	0.000511	22.1	0.00224	0.052	0.00021	0.000176	0.0000865	0.0984	0.00000217	0.000109	0.000496	0.00167	0.000000232
2044 Jan	0.0571	0.0000111	1.38	5.04	0.0331	0.000511	22.2	0.00225	0.052	0.00021	0.000176	0.0000865	0.0985	0.00000217	0.000109	0.000497	0.00167	0.000000234
2044 Feb	0.0573	0.0000112	1.38	5.04	0.0333	0.000512	22.2	0.00225	0.052	0.000211	0.000177	0.0000866	0.0988	0.00000217	0.000109	0.000498	0.00167	0.000000235
2044 Mar	0.0575	0.0000112	1.39	5.06	0.0335	0.000513	22.2	0.00225	0.0522	0.000212	0.000177	0.0000869	0.0991	0.00000217	0.00011	0.0005	0.00167	0.000000236
2044 Apr	0.0579	0.0000112	1.39	5.09	0.0337	0.000516	22.4	0.00227	0.0525	0.000214	0.000178	0.0000874	0.0998	0.00000219	0.00011	0.000504	0.00168	0.000000237
2044 May	0.0604	0.0000117	1.45	5.31	0.0353	0.000538	23.3	0.00236	0.0547	0.000223	0.000185	0.0000912	0.104	0.00000228	0.000115	0.000526	0.00175	0.000000244
2044 Jun	0.0449	0.00000889	1.08	2.86	0.0247	0.000243	12.4	0.00155	0.0405	0.000173	0.000194	0.0000636	0.069	0.00000197	0.0000735	0.000485	0.00173	0.000000218
2044 Jul	0.0475	0.0000101	1.13	2.62	0.0232	0.000215	10.7	0.00156	0.0454	0.00016	0.00023	0.0000639	0.0683	0.00000222	0.0000745	0.000535	0.00206	0.000000171
2044 Aug	0.0554	0.0000119	1.32	3.04	0.0266	0.000259	12.2	0.00181	0.0535	0.000182	0.000265	0.0000744	0.0797	0.0000026	0.0000868	0.000613	0.0024	0.000000183
2044 Sep	0.0463	0.0000109	1.14	2.96	0.0198	0.000325	11.5	0.00163	0.0483	0.000114	0.000195	0.0000649	0.0708	0.0000022	0.0000804	0.000435	0.00191	0.000000105
2044 Oct	0.0447	0.0000107	1.12	3.25	0.0179	0.000399	12.8	0.00168	0.0484	0.0000895	0.000165	0.0000637	0.0718	0.00000211	0.0000861	0.000375	0.00171	0.000000105
2044 Nov	0.0448	0.0000107	1.13	3.35	0.0177	0.000418	13.2	0.0017	0.0489	0.0000856	0.00016	0.000064	0.0728	0.00000211	0.0000883	0.000367	0.00169	0.00000011
2044 Dec	0.0449	0.0000107	1.13	3.36	0.0177	0.00042	13.3	0.00171	0.0489	0.0000856	0.00016	0.0000641	0.0729	0.00000211	0.0000885	0.000368	0.00169	0.000000113
2045 Jan	0.0449	0.0000107	1.13	3.36	0.0178	0.00042	13.3	0.00171	0.0489	0.000086	0.00016	0.0000642	0.073	0.00000211	0.0000885	0.000368	0.00169	0.000000115
2045 Feb	0.045	0.0000107	1.14	3.37	0.0179	0.00042	13.4	0.00171	0.0489	0.0000865	0.00016	0.0000642	0.0731	0.00000211	0.0000886	0.000369	0.00169	0.000000116
2045 Mar	0.0451	0.0000107	1.14	3.37	0.018	0.000421	13.4	0.00171	0.049	0.0000869	0.00016	0.0000644	0.0734	0.00000211	0.0000887	0.00037	0.00169	0.000000116
2045 Apr	0.0454	0.0000108	1.15	3.39	0.0181	0.000423	13.5	0.00172	0.0493	0.0000877	0.000161	0.0000647	0.0738	0.00000212	0.0000893	0.000373	0.0017	0.000000117
2045 May	0.0472	0.0000112	1.19	3.53	0.0189	0.00044	14	0.00179	0.0512	0.0000913	0.000168	0.0000673	0.0768	0.00000221	0.0000928	0.000388	0.00177	0.000000122
2045 Jun	0.0427	0.00001	1.08	3.68	0.0198	0.000333	15.4	0.00186	0.044	0.00011	0.000209	0.0000669	0.0682	0.00000205	0.0000874	0.000447	0.00183	0.000000183
2045 Jul	0.0448	0.0000105	1.08	3.14	0.0201	0.000251	12.2	0.00174	0.0459	0.000122	0.000244	0.0000648	0.0653	0.00000219	0.0000809	0.000515	0.0021	0.000000134
2045 Aug	0.0488	0.0000116	1.17	3.3	0.0212	0.000274	12.5	0.00185	0.0505	0.000128	0.000258	0.0000692	0.0704	0.00000238	0.0000863	0.000542	0.00227	0.000000118
2045 Sep	0.0468	0.0000114	1.13	3.1	0.019	0.000295	11	0.00173	0.0497	0.000109	0.000228	0.0000653	0.0683	0.00000228	0.0000827	0.000477	0.0021	6.65E-08
2045 Oct	0.0472	0.0000115	1.14	3.13	0.0188	0.000312	11	0.00173	0.0505	0.000105	0.000223	0.0000656	0.0694	0.00000229	0.000084	0.000468	0.00208	5.74E-08
2045 Nov	0.0475	0.0000116	1.15	3.15	0.0189	0.000315	11.1	0.00174	0.0509	0.000106	0.000224	0.0000659	0.0698	0.00000231	0.0000846	0.00047	0.00209	5.76E-08
2045 Dec	0.0476	0.0000116	1.15	3.15	0.0189	0.000315	11.1	0.00175	0.051	0.000106	0.000224	0.000066	0.0699	0.00000231	0.0000847	0.000471	0.0021	5.77E-08
2046 Jan	0.0476	0.0000116	1.15	3.15	0.0189	0.000316	11.1	0.00175	0.051	0.000106	0.000224	0.000066	0.07	0.00000231	0.0000847	0.000471	0.0021	5.76E-08
2046 Feb	0.0477	0.0000116	1.15	3.16	0.019	0.000316	11.1	0.00175	0.051	0.000106	0.000224	0.0000661	0.0701	0.00000231	0.0000847	0.000472	0.0021	5.76E-08
2046 Mar	0.0479	0.0000116	1.15	3.17	0.0191	0.000317	11.1	0.00175	0.0512	0.000107	0.000225	0.0000663	0.0704	0.00000232	0.000085	0.000474	0.0021	5.78E-08
2046 Apr	0.0485	0.0000118	1.17	3.21	0.0194	0.000321	11.2	0.00178	0.0518	0.000108	0.000227	0.0000672	0.0713	0.00000235	0.0000861	0.00048	0.00213	5.85E-08
2046 May	0.0507	0.0000123	1.22	3.35	0.0204	0.000334	11.7	0.00185	0.054	0.000114	0.000237	0.0000701	0.0746	0.00000245	0.0000898	0.000502	0.00222	6.08E-08
2046 Jun	0.0431	0.00000988	1.05	2.97	0.02	0.000252	11.4	0.00164	0.0433	0.000124	0.000217	0.0000626	0.0643	0.00000208	0.0000768	0.000472	0.00192	0.000000138
2046 Jul	0.0409	0.00000939	0.956	1.9	0.0169	0.000158	6.56	0.00127	0.0417	0.000114	0.000213	0.0000517	0.0546	0.00000203	0.0000614	0.000463	0.00194	8.08E-08
2046 Aug	0.045	0.0000105	1.04	2.02	0.0178	0.000183	6.61	0.00136	0.0465	0.000119	0.000223	0.0000557	0.0598	0.00000222	0.0000661	0.000481	0.00208	6.69E-08
2046 Sep	0.042	0.0000102	1.02	2.48	0.0155	0.000287	8.17	0.00142	0.0451	0.0000868	0.000171	0.0000563	0.0618	0.00000205	0.0000711	0.000361	0.00174	6.27E-08
2046 Oct	0.0417	0.0000102	1.06	3.36	0.0153	0.000412	12	0.00168	0.046	0.0000684	0.000146	0.000061	0.068	0.00000199	0.0000862	0.000315	0.00155	0.000000113
2046 Nov	0.042	0.0000102	1.07	3.53	0.0154	0.000434	12.8	0.00173	0.0465	0.0000665	0.000144	0.0000622	0.0695	0.00000199	0.0000893	0.000312	0.00153	0.000000129
2046 Dec	0.042	0.0000102	1.08	3.54	0.0154	0.000435	12.9	0.00174	0.0466	0.0000665	0.000144	0.0000623	0.0697	0.000002	0.0000895	0.000313	0.00153	0.000000132
2047 Jan	0.0421	0.0000102	1.08	3.54	0.0155	0.000436	12.9	0.00174	0.0466	0.0000669	0.000144	0.0000624	0.0698	0.000002	0.0000896	0.000313	0.00153	0.000000133
2047 Feb	0.0422	0.0000103	1.08	3.55	0.0156	0.000436	12.9	0.00174	0.0466	0.0000675	0.000144	0.0000625	0.07	0.000002	0.0000896	0.000315	0.00153	0.000000134
2047 Mar	0.0425	0.0000103	1.08	3.57	0.0158	0.000438	13	0.00175	0.0469	0.0000682	0.000145	0.0000628	0.0704	0.00000201	0.0000901	0.000317	0.00154	0.000000135
2047 Apr	0.0428	0.0000104	1.09	3.6	0.016	0.000441	13.1	0.00176	0.0472	0.0000688	0.000146	0.0000632	0.071	0.00000202	0.0000907	0.000319	0.00155	0.000000135
2047 May	0.0497	0.0000105	1.22	4.03	0.0248	0.000442	14.1	0.00191	0.0486	0.000147	0.000161	0.0000728	0.0829	0.00000207	0.000095	0.000415	0.00161	0.000000145
2047 Jun	0.0789	0.00000953	1.63	4.61	0.067	0.000285	12.7	0.002	0.0482	0.000548	0.000218	0.000104	0.127	0.00000201	0.0000872	0.000873	0.00176	0.000000119
2047 Jul	0.0887	0.0000112	1.8	4.96	0.0734	0.000305	13	0.00218	0.0562	0.000601	0.000254	0.000114	0.14	0.00000229	0.0000954	0.000987	0.00207	9.66E-08
2047 Aug	0.0965	0.0000125	1.97	5.38	0.0784	0.000343	13.9	0.00238	0.0625	0.000639	0.000277	0.000124	0.152	0.00000255	0.000105	0.00106	0.00229	9.38E-08
2047 Sep	0.0793	0.0000117	1.67	4.68	0.0595	0.000361	11.9	0.00211	0.0567	0.000468	0.000228	0.000104	0.126	0.00000231	0.0000961	0.00082	0.00201	4.37E-08
2047 Oct	0.066	0.0000111	1.48	4.83	0.0447	0.000449	13.5	0.00213	0.0532	0.000323	0.000189	0.0000921	0.11	0.00000214	0.000102	0.000629	0.00174	6.19E-08
2047 Nov	0.0633	0.000011	1.45	4.95	0.0413	0.00048	14.4	0.00217	0.0528	0.000289	0.000181	0.0000902	0.107	0.00000212	0.000105	0.000586	0.00168	8.82E-08
2047 Dec	0.0633	0.000011	1.45	4.96	0.0413	0.000482	14.5	0.00218	0.0529	0.000288	0.000181	0.0000903	0.107	0.00000212	0.000105	0.000585	0.00168	9.16E-08
2048 Jan	0.0633	0.000011	1.45	4.96	0.0413	0.000482	14.6	0.00218	0.0529	0.000289	0.000181	0.0000904	0.107	0.00000212	0.000105	0.000586	0.00168	9.29E-08
2048 Feb	0.0635	0.000011	1.45	4.97	0.0415	0.000483	14.6	0.00218	0.053	0.000289	0.000181	0.0000905	0.107	0.00000212	0.000105	0.000587	0.00168	9.35E-08
2048 Mar	0.0635	0.000011	1.45	4.97	0.0416	0.000483	14.6	0.00218	0.053	0.00029	0.000181	0.0000905	0.107	0.00000212	0.000106	0.000588	0.00168	9.39E-08
2048 Apr	0.0642	0.0000111	1.47	5.03	0.0421	0.000488	14.8	0.0022	0.0535	0.000293	0.000183	0.0000915	0.109	0.00000214	0.000107	0.000595	0.0017	0.000000095
2048 May	0.0672	0.0000116	1.54	5.25	0.044	0.000509	15.4	0.0023	0.0559	0.000306	0.000191	0.0000956	0.114	0.00000224	0.000111	0.000622	0.00178	9.93E-08
2048 Jun	0.0491	0.0000098	1.16	3.39	0.0272	0.000306	10.8	0.00173	0.045	0.000184	0.0002	0.0000693	0.0768	0.00000204	0.0000826	0.000511	0.0018	0.000000104
2048 Jul	0.0434	0.00000992	0.992	1.95	0.0183	0.000163	5.92	0.0013	0.0444	0.000124	0.000225	0.0000534	0.0575	0.0000021	0.0000632	0.000497	0.00204	5.33E-08
2048 Aug	0.0446	0.0000105	1.03	2.18	0.0172	0.000219	6.37	0.00137	0.0465	0.00011	0.000203	0.0000559	0.0608	0.00000215	0.0000668	0.000433	0.00195	4.63E-08
2048 Sep	0.0429	0.0000105	1.05	2.67	0.0161	0.000306	7.79	0.0015	0.0458	0.000089	0.000171	0.0000592	0.0641	0.00000209	0.0000736	0.000355	0.00175	4.81E-08
2048 Oct	0.0421	0.0000105	1.07	3.41	0.016	0.000397	10	0.00172	0.046	0.0000747	0.000155	0.0000634	0.0685	0.00000203	0.0000852	0.000321	0.00161	6.01E-08
2048 Nov	0.0425	0.0000106	1.1	3.71	0.0161	0.000434	10.9	0.00181	0.0467	0.0000707	0.000152	0.0000655	0.0709	0.00000203	0.0000904	0.000315	0.00158	6.36E-08
2048 Dec	0.0425	0.0000106	1.1	3.71	0.0162	0.000435	11	0.00182	0.0468	0.0000708	0.000152	0.0000656	0.071	0.00000204	0.0000906	0.000315	0.00158	6.55E-08
2049 Jan	0.0426	0.0000106	1.1	3.72	0.0162	0.000435	11	0.00182	0.0468	0.0000712	0.000152	0.0000657	0.0712	0.00000204	0.0000907	0.000316	0.00158	6.63E-08
2049 Feb	0.0427	0.0000106	1.1	3.72	0.0164	0.000435	11	0.00182	0.0468	0.0000717	0.000152	0.0000657	0.0713	0.00000204	0.0000908	0.000317	0.00158	6.68E-08
2049 Mar	0.0428	0.0000106	1.1	3.73	0.0165	0.000436	11	0.00182	0.0469	0.0000722	0.000152	0.0000659	0.0716	0.00000204	0.0000909	0.000319	0.00159	6.71E-08
2049 Apr	0.0433	0.0000107	1.11	3.77	0.0167	0.000441	11.2	0.00184	0.0474	0.0000732	0.000154	0.0000666	0.0724	0.00000206	0.0000919	0.000322	0.0016	6.79E-08
2049 May	0.0454	0.0000112	1.17	3.97	0.0177	0.000462	11.7	0.00193	0.0495	0.0000785	0.00016	0.0000698	0.076	0.00000215	0.0000963	0.000339	0.00167	6.92E-08
2049 Jun	0.0408	0.00000916	1.01	2.7	0.0188	0.000248	8.64	0.00151	0.0407	0.000118	0.000193	0.0000585	0.0615	0.00000196	0.0000724	0.000431	0.00176	8.98E-08
2049 Jul	0.0417	0.00000954	0.971	1.96	0.0174	0.000167	5.8	0.00129	0.0425	0.000117	0.000215	0.0000526	0.056	0.00000205	0.0000628	0.00047	0.00196	4.75E-08
2049 Aug	0.0485	0.0000112	1.13	2.26	0.0198	0.000199	6.56	0.00149	0.0497	0.000132	0.000244	0.0000608	0.0651	0.00000237	0.0000725	0.000533	0.00225	0.000000049
2049 Sep	0.0457	0.0000109	1.08	2.64	0.0175	0.000277	6.99	0.00154	0.0485	0.000104	0.000204	0.0000597	0.0651	0.0000022	0.0000761	0.000437	0.00197	2.86E-08
2049 Oct	0.0443	0.0000107	1.09	3.38	0.0166	0.000388	9.06	0.00172	0.0485	0.0000814	0.000173	0.0000622	0.069	0.00000208	0.0000877	0.000375	0.00173	4.33E-08
2049 Nov	0.0445	0.0000107	1.1	3.57	0.0166	0.000416	9.78	0.00178	0.0489	0.0000785	0.000169	0.0000634	0.0707	0.00000208	0.0000912	0.000367	0.0017	5.73E-08
2049 Dec	0.0445	0.0000107	1.1	3.58	0.0167	0.000418	9.87	0.00179	0.049	0.0000785	0.000169	0.0000635	0.0709	0.00000208	0.0000915	0.000368	0.0017	0.00000006
2050 Jan	0.0446	0.0000107	1.11	3.59	0.0168	0.000418	9.91	0.00179	0.049	0.0000791	0.000169	0.0000636	0.0711	0.00000208	0.0000916	0.000369	0.0017	0.000000061
2050 Feb	0.0448	0.0000107	1.11	3.6	0.0169	0.000418	9.93	0.00179	0.0491	0.0000798	0.000169	0.0000637	0.0713	0.00000208	0.0000917	0.00037	0.0017	6.16E-08
2050 Mar	0.0449	0.0000107	1.11	3.6	0.017	0.000418	9.95	0.00179	0.0491	0.0000803	0.000169	0.0000638	0.0715	0.00000208	0.0000917	0.000371	0.0017	6.19E-08
2050 Apr	0.0452	0.0000108	1.12	3.63	0.0172	0.000421	10	0.00181	0.0495	0.0000812	0.00017	0.0000643	0.0721	0.0000021	0.0000924	0.000375	0.00171	6.24E-08

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.047	0.0000112	1.16	3.79	0.0181	0.000438	10.4	0.00188	0.0513	0.0000858	0.000176	0.0000669	0.0751	0.00000217	0.0000961	0.00039	0.00177	6.37E-08
2050 Jun	0.0458	0.00000953	1.09	3.18	0.0239	0.000284	8.98	0.00165	0.0433	0.000158	0.000199	0.0000648	0.0704	0.00000198	0.000079	0.000483	0.00177	7.24E-08
2050 Jul	0.0419	0.00000936	0.958	2.06	0.018	0.000176	5.79	0.00129	0.0419	0.000123	0.000202	0.0000526	0.0567	0.00000198	0.0000624	0.000449	0.00186	4.42E-08
2050 Aug	0.0464	0.0000105	1.04	2.24	0.0189	0.000199	6.08	0.0014	0.0467	0.000131	0.000213	0.0000569	0.0619	0.00000216	0.0000675	0.000465	0.00199	0.000000041
2050 Sep	0.0459	0.0000106	1.05	2.48	0.0178	0.000248	6.36	0.00145	0.0471	0.000116	0.000192	0.0000578	0.0635	0.00000213	0.0000709	0.000412	0.00187	3.07E-08
2050 Oct	0.0468	0.0000108	1.07	2.62	0.0179	0.00027	6.71	0.00151	0.0483	0.000115	0.00019	0.0000594	0.0655	0.00000217	0.000074	0.000409	0.00188	3.21E-08
2050 Nov	0.0472	0.0000109	1.08	2.64	0.0181	0.000274	6.77	0.00152	0.0488	0.000116	0.000192	0.0000599	0.0662	0.00000219	0.0000748	0.000413	0.00189	3.23E-08
2050 Dec	0.0473	0.0000109	1.08	2.65	0.0181	0.000275	6.78	0.00152	0.0488	0.000116	0.000192	0.00006	0.0663	0.00000219	0.0000749	0.000413	0.0019	3.25E-08
2051 Jan	0.0473	0.000011	1.08	2.65	0.0182	0.000275	6.8	0.00152	0.0488	0.000116	0.000192	0.00006	0.0664	0.00000219	0.000075	0.000414	0.0019	3.29E-08
2051 Feb	0.0474	0.000011	1.09	2.66	0.0182	0.000275	6.81	0.00152	0.0489	0.000116	0.000192	0.0000601	0.0665	0.00000219	0.000075	0.000414	0.0019	3.31E-08
2051 Mar	0.0475	0.000011	1.09	2.66	0.0183	0.000275	6.82	0.00153	0.0489	0.000117	0.000192	0.0000602	0.0666	0.0000022	0.0000751	0.000415	0.0019	3.33E-08
2051 Apr	0.048	0.0000111	1.1	2.69	0.0185	0.000279	6.9	0.00154	0.0495	0.000118	0.000195	0.0000609	0.0674	0.00000222	0.000076	0.00042	0.00192	3.37E-08
2051 May	0.0522	0.0000116	1.19	3.31	0.0232	0.000314	8.17	0.00176	0.0515	0.000152	0.000209	0.0000693	0.076	0.00000229	0.0000845	0.00047	0.00199	3.78E-08
2051 Jun	0.0488	0.00000882	1.12	3.14	0.0311	0.00022	8.29	0.00162	0.0401	0.000231	0.000209	0.0000692	0.075	0.00000191	0.0000733	0.000556	0.00176	7.09E-08
2051 Jul	0.0462	0.00000955	1.09	2.51	0.0238	0.000189	6.83	0.0015	0.0428	0.00017	0.000225	0.0000624	0.0662	0.00000211	0.0000703	0.000531	0.00198	0.000000053
2051 Aug	0.0462	0.0000103	1.07	2.56	0.0211	0.000233	6.24	0.00148	0.0453	0.000143	0.000202	0.000061	0.066	0.00000211	0.0000702	0.000457	0.0019	3.15E-08
2051 Sep	0.0443	0.0000102	1.08	2.96	0.0189	0.000335	7.34	0.00157	0.0455	0.000111	0.000165	0.0000619	0.0688	0.00000203	0.0000781	0.000377	0.00168	4.38E-08
2051 Oct	0.0421	0.0000094	1.1	3.41	0.0161	0.000475	8.64	0.00166	0.0457	0.0000724	0.000111	0.0000602	0.0727	0.00000193	0.0000921	0.000291	0.00134	5.21E-08
2051 Nov	0.0425	0.00000946	1.12	3.44	0.0159	0.00049	8.69	0.00166	0.0465	0.0000692	0.000107	0.0000602	0.0736	0.00000194	0.0000938	0.000287	0.00133	5.08E-08
2051 Dec	0.0426	0.00000947	1.12	3.44	0.0159	0.000491	8.73	0.00167	0.0465	0.0000695	0.000107	0.0000603	0.0737	0.00000195	0.0000939	0.000288	0.00133	5.19E-08
2052 Jan	0.0426	0.00000948	1.12	3.45	0.016	0.000491	8.74	0.00167	0.0465	0.00007	0.000107	0.0000604	0.0738	0.00000195	0.0000939	0.000289	0.00133	5.23E-08
2052 Feb	0.0428	0.00000948	1.12	3.45	0.0161	0.000491	8.76	0.00167	0.0466	0.0000707	0.000107	0.0000605	0.074	0.00000195	0.000094	0.00029	0.00133	5.25E-08
2052 Mar	0.0429	0.00000951	1.13	3.46	0.0163	0.000492	8.79	0.00167	0.0467	0.0000712	0.000108	0.0000607	0.0743	0.00000195	0.0000943	0.000292	0.00133	5.27E-08
2052 Apr	0.0432	0.00000957	1.13	3.49	0.0164	0.000495	8.84	0.00169	0.047	0.0000719	0.000108	0.0000611	0.0748	0.00000197	0.0000948	0.000294	0.00134	0.000000053
2052 May	0.0505	0.00000999	1.25	3.85	0.0243	0.00051	9.07	0.00179	0.05	0.000141	0.000118	0.0000689	0.0865	0.00000201	0.0000987	0.000377	0.0014	4.23E-08
2052 Jun	0.0679	0.00000951	1.46	3.88	0.0511	0.000304	8.94	0.00179	0.0477	0.000405	0.000194	0.0000881	0.108	0.00000202	0.0000842	0.000717	0.00171	5.63E-08
2052 Jul	0.0668	0.0000105	1.4	3.8	0.0455	0.000293	8.39	0.0018	0.0503	0.00036	0.000201	0.0000845	0.102	0.00000211	0.0000831	0.00066	0.0018	4.48E-08
2052 Aug	0.0669	0.0000111	1.41	3.91	0.0427	0.000319	8.39	0.00186	0.0524	0.000335	0.000195	0.0000851	0.101	0.0000022	0.0000861	0.000611	0.00182	3.59E-08
2052 Sep	0.061	0.000011	1.34	3.91	0.0359	0.000365	8.27	0.00185	0.0508	0.000268	0.000169	0.0000807	0.0949	0.00000214	0.0000874	0.000504	0.00167	2.89E-08
2052 Oct	0.0585	0.000011	1.32	4.07	0.0328	0.000408	8.61	0.0019	0.0509	0.000234	0.000158	0.0000795	0.0932	0.00000212	0.0000916	0.00046	0.00161	3.02E-08
2052 Nov	0.059	0.0000111	1.33	4.1	0.033	0.000413	8.7	0.00191	0.0513	0.000235	0.000159	0.0000801	0.094	0.00000214	0.0000924	0.000463	0.00162	0.000000031
2052 Dec	0.059	0.0000111	1.33	4.11	0.033	0.000414	8.72	0.00191	0.0514	0.000235	0.000159	0.0000802	0.0941	0.00000214	0.0000926	0.000463	0.00162	3.15E-08
2053 Jan	0.0591	0.0000111	1.33	4.11	0.0331	0.000414	8.74	0.00192	0.0514	0.000235	0.000159	0.0000803	0.0942	0.00000215	0.0000927	0.000464	0.00162	3.18E-08
2053 Feb	0.0592	0.0000111	1.33	4.12	0.0332	0.000414	8.75	0.00192	0.0515	0.000236	0.000159	0.0000804	0.0943	0.00000215	0.0000928	0.000465	0.00162	3.19E-08
2053 Mar	0.0594	0.0000111	1.34	4.14	0.0334	0.000416	8.79	0.00193	0.0517	0.000237	0.00016	0.0000807	0.0948	0.00000216	0.0000931	0.000467	0.00163	3.21E-08
2053 Apr	0.0602	0.0000113	1.36	4.19	0.0338	0.000421	8.89	0.00195	0.0523	0.00024	0.000162	0.0000817	0.0959	0.00000218	0.0000942	0.000473	0.00165	3.24E-08
2053 May	0.0726	0.0000114	1.6	5.98	0.0537	0.00047	11.7	0.00252	0.0532	0.000402	0.000207	0.000107	0.123	0.00000215	0.000112	0.000688	0.00173	4.23E-08
2053 Jun	0.0674	0.00000873	1.44	4.01	0.055	0.00025	8.76	0.00182	0.043	0.000446	0.000204	0.000091	0.108	0.00000191	0.00008	0.00075	0.00167	5.23E-08
2053 Jul	0.0717	0.00000996	1.53	4.05	0.0556	0.000256	8.78	0.00191	0.0485	0.000449	0.000232	0.0000948	0.112	0.00000215	0.0000849	0.000801	0.00193	4.73E-08
2053 Aug	0.0795	0.0000113	1.69	4.47	0.0607	0.000291	9.43	0.00211	0.0547	0.000488	0.000255	0.000105	0.124	0.00000241	0.0000942	0.000875	0.00215	4.46E-08
2053 Sep	0.0852	0.0000123	1.81	4.82	0.0646	0.00032	10	0.00228	0.0592	0.000517	0.000273	0.000112	0.133	0.00000259	0.000102	0.000932	0.00231	4.49E-08
2053 Oct	0.085	0.0000125	1.82	5.2	0.0643	0.00035	10.5	0.00241	0.0597	0.000509	0.000278	0.000115	0.134	0.0000026	0.000107	0.000928	0.00232	4.12E-08
2053 Nov	0.0833	0.0000125	1.8	5.49	0.0631	0.000372	10.7	0.0025	0.0591	0.000493	0.000278	0.000115	0.133	0.00000256	0.00011	0.000909	0.00229	0.000000037
2053 Dec	0.0833	0.0000125	1.8	5.49	0.0631	0.000372	10.8	0.0025	0.0591	0.000494	0.000278	0.000115	0.133	0.00000256	0.00011	0.000909	0.00229	0.000000037
2054 Jan	0.0834	0.0000125	1.8	5.49	0.0631	0.000372	10.8	0.0025	0.0591	0.000494	0.000278	0.000115	0.133	0.00000256	0.00011	0.000909	0.00229	0.000000037
2054 Feb	0.0834	0.0000125	1.8	5.5	0.0632	0.000372	10.8	0.0025	0.0592	0.000494	0.000278	0.000116	0.134	0.00000256	0.00011	0.00091	0.00229	0.000000037
2054 Mar	0.0835	0.0000125	1.81	5.5	0.0632	0.000373	10.8	0.0025	0.0592	0.000494	0.000278	0.000116	0.134	0.00000256	0.00011	0.00091	0.00229	0.000000037
2054 Apr	0.0844	0.0000126	1.82	5.55	0.0639	0.000376	10.9	0.00253	0.0598	0.000499	0.000281	0.000117	0.135	0.00000259	0.000111	0.00092	0.00232	3.74E-08
2054 May	0.0862	0.0000129	1.87	6.22	0.0667	0.000416	11.7	0.00275	0.0605	0.000516	0.000291	0.000123	0.14	0.00000258	0.000119	0.000943	0.00232	0.000000034
2054 Jun	0.0692	0.00000995	1.43	4.54	0.0551	0.000274	8.8	0.00201	0.0474	0.000435	0.000239	0.000094	0.109	0.00000194	0.0000858	0.000794	0.00186	4.29E-08
2054 Jul	0.0581	0.0000102	1.23	3.4	0.0377	0.000225	6.82	0.0017	0.047	0.00029	0.000231	0.0000754	0.0855	0.00000203	0.0000755	0.000645	0.00195	3.08E-08
2054 Aug	0.055	0.0000106	1.21	3.41	0.0322	0.000272	6.7	0.00172	0.0474	0.000238	0.000207	0.0000737	0.0824	0.00000207	0.0000778	0.000544	0.00186	2.44E-08
2054 Sep	0.0517	0.0000108	1.2	3.59	0.028	0.000339	7.05	0.00178	0.0473	0.00019	0.000182	0.0000738	0.0814	0.00000209	0.0000824	0.000456	0.00174	2.52E-08
2054 Oct	0.049	0.0000106	1.19	3.79	0.0251	0.000397	7.41	0.00182	0.0469	0.000157	0.000161	0.0000725	0.0805	0.00000203	0.0000873	0.0004	0.00161	2.74E-08
2054 Nov	0.0487	0.0000105	1.19	3.88	0.0245	0.000421	7.73	0.00185	0.0471	0.000149	0.000155	0.0000725	0.0811	0.00000202	0.0000899	0.000389	0.00157	3.31E-08
2054 Dec	0.0488	0.0000105	1.19	3.9	0.0246	0.000423	7.81	0.00185	0.0472	0.00015	0.000155	0.0000727	0.0814	0.00000203	0.0000902	0.00039	0.00157	3.47E-08
2055 Jan	0.049	0.0000105	1.2	3.9	0.0248	0.000423	7.84	0.00186	0.0473	0.000151	0.000155	0.0000728	0.0816	0.00000203	0.0000903	0.000393	0.00158	3.53E-08
2055 Feb	0.0492	0.0000105	1.2	3.91	0.025	0.000423	7.86	0.00186	0.0473	0.000152	0.000156	0.0000729	0.0819	0.00000203	0.0000904	0.000395	0.00158	3.56E-08
2055 Mar	0.0493	0.0000105	1.2	3.92	0.0252	0.000423	7.88	0.00186	0.0474	0.000153	0.000156	0.000073	0.0822	0.00000203	0.0000905	0.000396	0.00158	3.58E-08
2055 Apr	0.0498	0.0000106	1.21	3.96	0.0255	0.000427	7.95	0.00188	0.0478	0.000154	0.000157	0.0000737	0.083	0.00000205	0.0000913	0.000401	0.00159	3.61E-08
2055 May	0.0517	0.000011	1.26	4.1	0.0265	0.000442	8.24	0.00195	0.0495	0.00016	0.000163	0.0000764	0.0861	0.00000212	0.0000947	0.000416	0.00165	3.74E-08
2055 Jun	0.0424	0.00000922	1.03	2.88	0.021	0.000251	6.4	0.00157	0.041	0.000136	0.000198	0.0000613	0.0645	0.00000195	0.0000741	0.000453	0.00177	3.56E-08
2055 Jul	0.0436	0.00000973	1.02	2.22	0.0195	0.000183	5.13	0.0014	0.0434	0.000132	0.000221	0.0000568	0.0602	0.0000021	0.0000671	0.000494	0.002	2.26E-08
2055 Aug	0.0474	0.0000108	1.09	2.28	0.0199	0.000199	5.13	0.00146	0.048	0.000135	0.000233	0.0000598	0.0642	0.00000227	0.0000708	0.000512	0.00214	1.85E-08
2055 Sep	0.0456	0.0000107	1.06	2.18	0.0174	0.000233	4.59	0.00138	0.0477	0.000111	0.000202	0.0000567	0.0626	0.00000219	0.0000686	0.000438	0.00198	9.48E-09
2055 Oct	0.0458	0.0000109	1.07	2.27	0.0171	0.000256	4.66	0.0014	0.0485	0.000106	0.000195	0.0000573	0.0639	0.0000022	0.0000708	0.000425	0.00195	7.98E-09
2055 Nov	0.046	0.0000109	1.08	2.31	0.0171	0.000263	4.71	0.00142	0.0488	0.000105	0.000194	0.0000576	0.0644	0.00000221	0.0000716	0.000423	0.00195	7.66E-09
2055 Dec	0.046	0.0000109	1.08	2.32	0.0171	0.000265	4.71	0.00142	0.0488	0.000104	0.000194	0.0000576	0.0645	0.00000221	0.0000717	0.000422	0.00195	7.63E-09
2056 Jan	0.0461	0.0000109	1.08	2.32	0.0172	0.000265	4.72	0.00142	0.0489	0.000105	0.000194	0.0000576	0.0646	0.00000221	0.0000718	0.000423	0.00195	7.62E-09
2056 Feb	0.0462	0.0000109	1.08	2.32	0.0174	0.000265	4.72	0.00142	0.0489	0.000106	0.000194	0.0000577	0.0648	0.00000221	0.0000718	0.000425	0.00195	7.62E-09
2056 Mar	0.0464	0.0000109	1.08	2.33	0.0175	0.000265	4.73	0.00142	0.049	0.000106	0.000194	0.0000578	0.065	0.00000221	0.0000072	0.000426	0.00195	7.62E-09
2056 Apr	0.0469	0.0000111	1.09	2.36	0.0177	0.000268	4.78	0.00144	0.0495	0.000107	0.000196	0.0000584	0.0658	0.00000223	0.0000727	0.000431	0.00197	7.69E-09
2056 May	0.0583	0.0000111	1.29	3.14	0.0329	0.000292	6.01	0.00165	0.0515	0.00024	0.000206	0.0000738	0.0867	0.00000223	0.0000796	0.000571	0.00196	1.43E-08
2056 Jun	0.0774	0.00000915	1.57	3.93	0.0654	0.000231	7.64	0.00176	0.0468	0.000544	0.00021	0.0000973	0.122	0.00000195	0.0000769	0.000861	0.00173	2.87E-08
2056 Jul	0.0824	0.0000104	1.66	3.97	0.0665	0.000238	7.56	0.00183	0.0525	0.000553	0.000232	0.000101	0.127	0.00000219	0.0000813	0.000906	0.00197	2.18E-08
2056 Aug	0.0791	0.000011	1.6	3.81	0.0592	0.000256	6.94	0.0018	0.0541	0.000488	0.000221	0.0000959	0.119	0.00000224	0.0000809	0.000816	0.00196	1.33E-08
2056 Sep	0.0802	0.0000116	1.64	4	0.0585	0.000291	7.17	0.00189	0.0566	0.000477	0.000223	0.0000984	0.122	0.00000234	0.000086	0.000806	0.00202	1.19E-08

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.07	0.0000111	1.49	4.2	0.0478	0.000359	7.17	0.00193	0.0534	0.00037	0.000194	0.0000907	0.11	0.00000219	0.0000903	0.000661	0.0018	1.22E-08
2056 Nov	0.0678	0.0000111	1.47	4.31	0.0453	0.000384	7.36	0.00197	0.0531	0.000344	0.000187	0.0000894	0.108	0.00000217	0.0000929	0.000628	0.00176	1.51E-08
2056 Dec	0.0678	0.0000111	1.47	4.32	0.0452	0.000386	7.4	0.00197	0.0532	0.000343	0.000187	0.0000895	0.108	0.00000217	0.0000931	0.000628	0.00176	1.57E-08
2057 Jan	0.0679	0.0000111	1.47	4.32	0.0453	0.000386	7.42	0.00197	0.0532	0.000344	0.000187	0.0000895	0.108	0.00000217	0.0000932	0.000628	0.00176	0.000000016
2057 Feb	0.068	0.0000111	1.47	4.33	0.0454	0.000386	7.43	0.00197	0.0532	0.000344	0.000188	0.0000896	0.108	0.00000217	0.0000933	0.000629	0.00176	1.61E-08
2057 Mar	0.0682	0.0000111	1.48	4.34	0.0456	0.000387	7.45	0.00198	0.0533	0.000345	0.000188	0.0000898	0.109	0.00000218	0.0000935	0.000631	0.00176	1.62E-08
2057 Apr	0.0689	0.0000113	1.49	4.39	0.0461	0.000391	7.53	0.002	0.0539	0.000349	0.00019	0.0000908	0.11	0.0000022	0.0000945	0.000638	0.00178	1.63E-08
2057 May	0.0721	0.0000117	1.56	4.72	0.0489	0.000418	7.93	0.00212	0.056	0.000369	0.000198	0.0000959	0.116	0.00000227	0.0001	0.00067	0.00184	1.54E-08
2057 Jun	0.0561	0.00000929	1.22	3.14	0.0381	0.00022	6.25	0.00159	0.0437	0.000295	0.000211	0.0000735	0.085	0.00000195	0.0000726	0.000629	0.00181	2.68E-08
2057 Jul	0.0548	0.0000102	1.19	2.66	0.0321	0.000195	5.3	0.0015	0.0473	0.000244	0.000231	0.000068	0.0778	0.00000213	0.0000703	0.000617	0.00204	1.57E-08
2057 Aug	0.0651	0.0000122	1.41	3.14	0.0376	0.000236	6.23	0.00178	0.0565	0.000285	0.000271	0.0000805	0.0923	0.00000254	0.0000835	0.000723	0.00242	1.76E-08
2057 Sep	0.0656	0.0000126	1.43	3.29	0.0369	0.000261	6.29	0.00184	0.0581	0.000275	0.000272	0.0000819	0.0936	0.00000259	0.0000868	0.000712	0.00244	0.000000015
2057 Oct	0.0614	0.0000123	1.37	3.65	0.0336	0.000304	6.27	0.00192	0.056	0.000239	0.000255	0.0000805	0.0901	0.00000247	0.0000906	0.000647	0.00228	1.06E-08
2057 Nov	0.0611	0.0000123	1.37	3.72	0.0331	0.000316	6.3	0.00194	0.0561	0.000234	0.000253	0.0000805	0.0902	0.00000246	0.0000918	0.000638	0.00227	9.99E-09
2057 Dec	0.0611	0.0000123	1.37	3.72	0.0331	0.000317	6.3	0.00194	0.0562	0.000233	0.000252	0.0000805	0.0902	0.00000246	0.0000919	0.000638	0.00227	9.98E-09
2058 Jan	0.0612	0.0000123	1.37	3.72	0.0331	0.000317	6.3	0.00194	0.0562	0.000234	0.000252	0.0000805	0.0903	0.00000246	0.000092	0.000638	0.00226	9.97E-09
2058 Feb	0.0613	0.0000123	1.37	3.72	0.0332	0.000317	6.31	0.00194	0.0562	0.000234	0.000252	0.0000805	0.0904	0.00000246	0.000092	0.000639	0.00226	9.97E-09
2058 Mar	0.0614	0.0000123	1.37	3.73	0.0333	0.000318	6.32	0.00195	0.0562	0.000235	0.000252	0.0000806	0.0906	0.00000246	0.0000921	0.00064	0.00227	9.97E-09
2058 Apr	0.0618	0.0000124	1.38	3.75	0.0336	0.00032	6.36	0.00196	0.0566	0.000236	0.000254	0.0000811	0.0913	0.00000248	0.0000926	0.000644	0.00228	0.00000001
2058 May	0.0721	0.0000124	1.57	5.1	0.0493	0.00037	7.87	0.00236	0.0572	0.000367	0.00027	0.0001	0.113	0.00000242	0.000105	0.00078	0.00224	1.52E-08
2058 Jun	0.0716	0.00000872	1.49	3.95	0.0603	0.000228	7.24	0.00178	0.0438	0.000497	0.000209	0.0000938	0.114	0.00000189	0.0000774	0.000809	0.00169	2.27E-08
2058 Jul	0.0718	0.00000974	1.52	3.85	0.0563	0.000233	7.35	0.00184	0.0477	0.000459	0.00023	0.0000936	0.112	0.00000213	0.0000815	0.000809	0.00192	2.41E-08
2058 Aug	0.0775	0.0000109	1.63	4.08	0.0592	0.000254	7.58	0.00196	0.0528	0.000481	0.000248	0.0000996	0.119	0.00000233	0.0000873	0.000858	0.0021	2.15E-08
2058 Sep	0.0709	0.0000109	1.51	4.05	0.0507	0.000298	6.81	0.00192	0.0522	0.0004	0.000226	0.000092	0.11	0.00000222	0.0000876	0.000746	0.00197	1.24E-08
2058 Oct	0.0658	0.0000109	1.44	4.31	0.0444	0.000361	6.72	0.00199	0.0519	0.000335	0.000208	0.0000882	0.104	0.00000215	0.000093	0.00066	0.00185	9.91E-09
2058 Nov	0.0657	0.0000109	1.44	4.39	0.0441	0.000373	6.8	0.00202	0.0523	0.00033	0.000207	0.0000886	0.105	0.00000216	0.0000948	0.000655	0.00184	9.96E-09
2058 Dec	0.0657	0.000011	1.44	4.4	0.044	0.000374	6.81	0.00202	0.0523	0.000329	0.000207	0.0000886	0.105	0.00000216	0.0000949	0.000655	0.00184	1.02E-08
2059 Jan	0.0658	0.000011	1.44	4.4	0.0441	0.000374	6.82	0.00202	0.0523	0.000329	0.000207	0.0000886	0.105	0.00000216	0.0000949	0.000655	0.00184	1.03E-08
2059 Feb	0.0658	0.000011	1.44	4.41	0.0442	0.000374	6.83	0.00202	0.0523	0.00033	0.000207	0.0000887	0.105	0.00000216	0.000095	0.000656	0.00184	1.04E-08
2059 Mar	0.0659	0.000011	1.44	4.41	0.0442	0.000374	6.84	0.00202	0.0523	0.00033	0.000207	0.0000887	0.105	0.00000216	0.000095	0.000656	0.00184	1.05E-08
2059 Apr	0.0664	0.000011	1.45	4.44	0.0446	0.000377	6.89	0.00204	0.0527	0.000333	0.000209	0.0000894	0.106	0.00000218	0.0000957	0.000662	0.00186	1.06E-08
2059 May	0.073	0.0000113	1.57	5.11	0.0531	0.000405	7.65	0.00225	0.0544	0.000403	0.000222	0.0001	0.118	0.0000022	0.000103	0.000745	0.00189	1.26E-08
2059 Jun	0.0915	0.0000107	1.82	5.77	0.0807	0.000342	8.88	0.00236	0.0542	0.000659	0.000247	0.000121	0.149	0.00000206	0.0001	0.00102	0.00188	2.39E-08
2059 Jul	0.107	0.0000127	2.12	6.6	0.0932	0.000391	10.1	0.00272	0.0641	0.000761	0.000292	0.00014	0.172	0.00000245	0.000116	0.00119	0.00224	2.52E-08
2059 Aug	0.122	0.0000146	2.42	7.49	0.105	0.000449	11.5	0.0031	0.0735	0.000861	0.000331	0.000159	0.196	0.00000282	0.000132	0.00135	0.00256	2.82E-08
2059 Sep	0.11	0.000014	2.23	6.89	0.0921	0.000455	10.4	0.00289	0.0702	0.000743	0.0003	0.000144	0.178	0.0000027	0.000126	0.00119	0.00241	2.02E-08
2059 Oct	0.0674	0.0000111	1.51	5.22	0.0448	0.000525	7.62	0.00223	0.0555	0.000317	0.000173	0.0000924	0.114	0.00000209	0.000111	0.000618	0.00162	1.48E-08
2059 Nov	0.0645	0.000011	1.46	5.15	0.0409	0.000546	7.59	0.0022	0.0552	0.00028	0.000162	0.0000889	0.11	0.00000207	0.000112	0.00057	0.00157	1.66E-08
2059 Dec	0.0645	0.000011	1.46	5.16	0.0408	0.000547	7.62	0.00221	0.0552	0.000279	0.000162	0.0000889	0.11	0.00000207	0.000112	0.00057	0.00157	0.000000017
2060 Jan	0.0645	0.000011	1.47	5.17	0.0409	0.000547	7.63	0.00221	0.0552	0.00028	0.000162	0.000089	0.11	0.00000208	0.000112	0.00057	0.00157	1.72E-08
2060 Feb	0.0647	0.000011	1.47	5.17	0.041	0.000547	7.65	0.00221	0.0553	0.00028	0.000162	0.000089	0.11	0.00000208	0.000112	0.000572	0.00157	1.73E-08
2060 Mar	0.0648	0.000011	1.47	5.18	0.0412	0.000548	7.66	0.00222	0.0554	0.000281	0.000162	0.0000892	0.111	0.00000208	0.000113	0.000573	0.00157	1.74E-08
2060 Apr	0.0655	0.0000111	1.49	5.24	0.0417	0.000554	7.75	0.00224	0.056	0.000284	0.000164	0.0000902	0.112	0.0000021	0.000114	0.00058	0.00159	1.76E-08
2060 May	0.0789	0.0000111	1.69	5.82	0.0605	0.000507	8.4	0.0024	0.0567	0.000458	0.000194	0.000107	0.133	0.0000021	0.000114	0.000778	0.00168	0.000000017
2060 Jun	0.0817	0.00000941	1.66	4.48	0.0705	0.000267	7.76	0.00194	0.0485	0.000583	0.000217	0.000105	0.131	0.00000199	0.0000849	0.00091	0.00175	2.07E-08
2060 Jul	0.0926	0.0000111	1.9	4.96	0.078	0.000299	8.68	0.0022	0.0566	0.000644	0.000256	0.000118	0.147	0.00000237	0.0000969	0.00103	0.00209	2.14E-08
2060 Aug	0.0872	0.0000115	1.82	4.73	0.0698	0.000328	8.05	0.00214	0.0571	0.000567	0.000238	0.000112	0.138	0.00000238	0.0000955	0.000926	0.00205	1.69E-08
2060 Sep	0.0571	0.0000105	1.37	3.99	0.037	0.000431	6.38	0.00184	0.0476	0.000258	0.000144	0.0000839	0.0986	0.00000203	0.0000879	0.000479	0.00152	1.43E-08
2060 Oct	0.0541	0.0000104	1.33	4.16	0.0324	0.000486	6.38	0.00189	0.0483	0.00021	0.00013	0.0000806	0.0955	0.00000201	0.000094	0.000425	0.00144	1.31E-08
2060 Nov	0.0536	0.0000104	1.33	4.34	0.0315	0.000509	6.51	0.00195	0.0487	0.000198	0.000129	0.0000806	0.0954	0.000002	0.0000976	0.000416	0.00142	1.37E-08
2060 Dec	0.0538	0.0000105	1.33	4.35	0.0316	0.00051	6.55	0.00195	0.0488	0.000199	0.000129	0.0000808	0.0957	0.000002	0.0000979	0.000417	0.00143	1.41E-08
2061 Jan	0.0539	0.0000105	1.33	4.36	0.0318	0.00051	6.56	0.00195	0.0488	0.0002	0.000129	0.0000809	0.0959	0.000002	0.000098	0.000419	0.00143	1.43E-08
2061 Feb	0.054	0.0000105	1.33	4.36	0.032	0.00051	6.58	0.00196	0.0489	0.000201	0.00013	0.000081	0.0961	0.000002	0.000098	0.000421	0.00143	1.44E-08
2061 Mar	0.0542	0.0000105	1.34	4.37	0.0321	0.00051	6.59	0.00196	0.0489	0.000202	0.00013	0.0000812	0.0963	0.00000201	0.0000981	0.000423	0.00143	1.44E-08
2061 Apr	0.0548	0.0000106	1.35	4.42	0.0325	0.000515	6.66	0.00198	0.0494	0.000205	0.000131	0.000082	0.0974	0.00000203	0.0000991	0.000428	0.00144	1.46E-08
2061 May	0.072	0.0000106	1.61	5.22	0.0552	0.000467	7.67	0.00222	0.0517	0.000414	0.000175	0.000102	0.124	0.00000206	0.000103	0.000686	0.00159	1.49E-08
2061 Jun	0.0762	0.00000899	1.58	4.26	0.0652	0.000257	7.26	0.00188	0.0457	0.000537	0.000209	0.0001	0.123	0.00000194	0.0000821	0.000849	0.00169	0.000000016
2061 Jul	0.0862	0.0000108	1.78	4.74	0.0715	0.000287	7.94	0.00213	0.0539	0.000587	0.000248	0.000112	0.137	0.00000228	0.0000931	0.000959	0.00203	1.63E-08
2061 Aug	0.0966	0.0000123	1.99	5.28	0.0791	0.000325	8.79	0.00238	0.0613	0.000649	0.000277	0.000125	0.152	0.00000258	0.000104	0.00106	0.00229	0.000000017
2061 Sep	0.0931	0.0000124	1.93	5.21	0.0743	0.000339	8.32	0.00235	0.0611	0.000604	0.000269	0.00012	0.147	0.00000256	0.000104	0.00101	0.00226	1.31E-08
2061 Oct	0.0708	0.0000112	1.56	5.34	0.0505	0.000447	7.17	0.00232	0.0542	0.000376	0.00021	0.0000996	0.117	0.00000217	0.000108	0.000701	0.00181	9.87E-09
2061 Nov	0.0654	0.0000111	1.48	5.54	0.0443	0.0005	7.29	0.00238	0.0532	0.000312	0.000194	0.0000956	0.111	0.0000021	0.000113	0.000619	0.00169	1.38E-08
2061 Dec	0.0654	0.0000111	1.48	5.55	0.0442	0.000502	7.32	0.00238	0.0532	0.000311	0.000194	0.0000957	0.111	0.0000021	0.000113	0.000619	0.00169	1.41E-08
2062 Jan	0.0654	0.0000111	1.48	5.55	0.0443	0.000502	7.33	0.00238	0.0532	0.000312	0.000194	0.0000957	0.111	0.0000021	0.000113	0.000619	0.00169	1.43E-08
2062 Feb	0.0656	0.0000111	1.49	5.56	0.0444	0.000503	7.34	0.00239	0.0532	0.000312	0.000194	0.0000958	0.112	0.0000021	0.000113	0.000621	0.00169	1.43E-08
2062 Mar	0.0658	0.0000111	1.49	5.58	0.0446	0.000504	7.37	0.00239	0.0534	0.000313	0.000194	0.0000962	0.112	0.00000211	0.000113	0.000623	0.0017	1.44E-08
2062 Apr	0.0666	0.0000112	1.51	5.64	0.0452	0.00051	7.45	0.00242	0.054	0.000317	0.000197	0.0000972	0.113	0.00000213	0.000115	0.000631	0.00172	1.46E-08
2062 May	0.0687	0.0000116	1.56	5.82	0.0466	0.000526	7.69	0.0025	0.0557	0.000327	0.000203	0.0001	0.117	0.0000022	0.000118	0.000651	0.00177	0.000000015
2062 Jun	0.0519	0.00000993	1.19	3.62	0.0308	0.000302	5.56	0.00179	0.0458	0.000216	0.000211	0.0000726	0.0807	0.00000201	0.0000841	0.000556	0.00183	1.31E-08
2062 Jul	0.0468	0.00000999	1.06	2.34	0.0228	0.000188	4.27	0.00142	0.0451	0.00016	0.000226	0.0000592	0.0647	0.0000021	0.0000679	0.000532	0.00202	7.29E-09
2062 Aug	0.0457	0.0000105	1.04	2.43	0.0191	0.00023	4.06	0.00144	0.0463	0.000127	0.000202	0.0000583	0.0634	0.00000211	0.000069	0.000443	0.00192	5.11E-09
2062 Sep	0.0436	0.0000103	1.07	3.1	0.0178	0.000351	4.65	0.00161	0.0457	0.0000986	0.000161	0.0000618	0.0681	0.00000201	0.00008	0.000355	0.00164	7.89E-09
2062 Oct	0.046	0.00000952	1.18	3.9	0.0206	0.000516	5.86	0.00181	0.0472	0.000107	0.000112	0.0000663	0.0809	0.00000193	0.0000995	0.000329	0.00131	1.07E-08
2062 Nov	0.0462	0.00000965	1.19	3.97	0.0201	0.000534	5.91	0.00183	0.0481	0.000101	0.000109	0.0000665	0.0816	0.00000195	0.000102	0.000324	0.00131	1.05E-08
2062 Dec	0.0463	0.00000966	1.19	3.98	0.0202	0.000535	5.93	0.00184	0.0482	0.000101	0.000109	0.0000666	0.0818	0.00000195	0.000102	0.000325	0.00131	1.07E-08
2063 Jan	0.0464	0.00000966	1.2	3.99	0.0203	0.000535	5.94	0.00184	0.0482	0.000102	0.00011	0.0000667	0.082	0.00000195	0.000102	0.000326	0.00131	1.08E-08
2063 Feb	0.0465	0.00000967	1.2	3.99	0.0205	0.000535	5.95	0.00184	0.0483	0.000103	0.00011	0.0000668	0.0822	0.00000195	0.000102	0.000327	0.00131	1.08E-08

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0466	0.00000968	1.2	4	0.0206	0.000535	5.96	0.00184	0.0483	0.000103	0.00011	0.0000669	0.0823	0.00000196	0.000102	0.000328	0.00132	1.08E-08
2063 Apr	0.047	0.00000973	1.21	4.02	0.0207	0.000538	6	0.00185	0.0486	0.000104	0.000111	0.0000673	0.0829	0.00000197	0.000103	0.000331	0.00132	1.09E-08
2063 May	0.057	0.00000998	1.36	4.32	0.0332	0.00051	6.46	0.00194	0.0506	0.00022	0.000132	0.0000783	0.098	0.00000202	0.000103	0.000469	0.00142	1.06E-08
2063 Jun	0.059	0.00000842	1.26	2.98	0.0441	0.000199	5.44	0.00149	0.0413	0.000357	0.000193	0.0000755	0.0909	0.00000185	0.0000681	0.00066	0.00166	9.3E-09
2063 Jul	0.0558	0.00000939	1.21	2.64	0.0363	0.000185	4.92	0.00146	0.0444	0.000285	0.000216	0.0000698	0.0817	0.00000202	0.000068	0.000633	0.0019	7.27E-09
2063 Aug	0.0629	0.0000108	1.36	2.97	0.0399	0.000216	5.45	0.00164	0.0508	0.000312	0.000241	0.0000783	0.0916	0.0000023	0.0000769	0.000699	0.00215	7.33E-09
2063 Sep	0.0581	0.000011	1.29	3.14	0.0341	0.000268	5.05	0.00167	0.0503	0.000253	0.000221	0.0000752	0.0865	0.00000224	0.0000789	0.000604	0.00202	4.92E-09
2063 Oct	0.0529	0.0000107	1.23	3.75	0.0292	0.000358	5.08	0.00184	0.0488	0.000196	0.000196	0.0000743	0.0836	0.0000021	0.000088	0.000511	0.00182	5.16E-09
2063 Nov	0.0525	0.0000107	1.23	3.91	0.0286	0.000383	5.23	0.00189	0.0491	0.000187	0.000192	0.0000748	0.0841	0.00000209	0.000091	0.000497	0.00178	6.27E-09
2063 Dec	0.0526	0.0000107	1.24	3.92	0.0286	0.000385	5.25	0.00189	0.0492	0.000187	0.000192	0.000075	0.0844	0.0000021	0.0000913	0.000498	0.00178	6.49E-09
2064 Jan	0.0526	0.0000107	1.24	3.93	0.0287	0.000385	5.27	0.0019	0.0492	0.000187	0.000192	0.0000751	0.0845	0.0000021	0.0000914	0.000499	0.00178	6.58E-09
2064 Feb	0.0528	0.0000108	1.24	3.94	0.0289	0.000385	5.28	0.0019	0.0493	0.000188	0.000192	0.0000752	0.0847	0.0000021	0.0000915	0.0005	0.00178	6.63E-09
2064 Mar	0.053	0.0000108	1.24	3.96	0.0291	0.000387	5.3	0.00191	0.0494	0.000189	0.000193	0.0000755	0.0852	0.0000021	0.0000918	0.000503	0.00179	6.66E-09
2064 Apr	0.0534	0.0000109	1.25	3.98	0.0293	0.000389	5.34	0.00192	0.0498	0.00019	0.000194	0.000076	0.0858	0.00000212	0.0000924	0.000506	0.0018	6.7E-09
2064 May	0.0655	0.0000108	1.45	4.73	0.046	0.00039	6.24	0.00213	0.0509	0.00034	0.00021	0.0000922	0.107	0.00000211	0.0000977	0.000667	0.00181	7.49E-09
2064 Jun	0.0802	0.00000896	1.63	4.28	0.0702	0.000244	6.76	0.00186	0.0464	0.000585	0.00021	0.000103	0.128	0.00000192	0.0000804	0.000897	0.00169	6.64E-09
2064 Jul	0.0847	0.0000102	1.7	4.35	0.0709	0.00025	6.73	0.00193	0.052	0.00059	0.000233	0.000106	0.132	0.00000212	0.000084	0.000938	0.00191	5.27E-09
2064 Aug	0.0808	0.0000109	1.63	4.23	0.0629	0.00027	6.31	0.00192	0.0534	0.000518	0.000225	0.0001	0.124	0.00000219	0.0000844	0.000845	0.00193	3.91E-09
2064 Sep	0.0626	0.0000107	1.4	4.49	0.0426	0.000391	5.79	0.00202	0.0488	0.000316	0.000176	0.0000894	0.103	0.00000205	0.0000917	0.000563	0.00163	5.04E-09
2064 Oct	0.0609	0.0000109	1.4	4.85	0.04	0.000445	5.91	0.00215	0.0496	0.000284	0.000172	0.0000905	0.103	0.00000207	0.0000989	0.000529	0.00161	4.97E-09
2064 Nov	0.0615	0.000011	1.42	4.9	0.0404	0.00045	5.96	0.00217	0.0501	0.000287	0.000173	0.0000913	0.104	0.00000209	0.0000999	0.000533	0.00162	5.01E-09
2064 Dec	0.0616	0.000011	1.42	4.9	0.0404	0.00045	5.97	0.00217	0.0502	0.000287	0.000173	0.0000914	0.104	0.00000209	0.0001	0.000534	0.00162	5.06E-09
2065 Jan	0.0616	0.000011	1.42	4.91	0.0404	0.000451	5.98	0.00217	0.0502	0.000287	0.000173	0.0000914	0.104	0.00000209	0.0001	0.000534	0.00162	5.1E-09
2065 Feb	0.0617	0.000011	1.42	4.91	0.0405	0.000451	5.99	0.00217	0.0502	0.000287	0.000174	0.0000915	0.104	0.00000209	0.0001	0.000535	0.00162	5.12E-09
2065 Mar	0.062	0.0000111	1.43	4.93	0.0407	0.000453	6.01	0.00218	0.0504	0.000289	0.000174	0.0000919	0.105	0.0000021	0.000101	0.000537	0.00163	5.14E-09
2065 Apr	0.0627	0.0000112	1.44	4.99	0.0412	0.000458	6.08	0.00221	0.051	0.000292	0.000176	0.0000929	0.106	0.00000213	0.000102	0.000544	0.00165	5.2E-09
2065 May	0.0726	0.0000115	1.64	6.65	0.0559	0.000523	7.07	0.00274	0.0528	0.000408	0.000211	0.000114	0.128	0.00000213	0.00012	0.000699	0.00171	5.08E-09
2065 Jun	0.0709	0.00000908	1.5	4.22	0.0586	0.000264	6.32	0.00189	0.0449	0.000475	0.00021	0.0000951	0.114	0.00000193	0.0000826	0.000789	0.0017	6.98E-09
2065 Jul	0.0792	0.0000108	1.68	4.49	0.0623	0.000286	6.93	0.00209	0.0529	0.000503	0.000249	0.000104	0.125	0.00000231	0.0000928	0.000882	0.00207	6.87E-09
2065 Aug	0.0862	0.0000122	1.83	4.91	0.0664	0.000326	7.44	0.0023	0.0591	0.000533	0.000271	0.000114	0.136	0.00000257	0.000102	0.000943	0.00229	6.49E-09
2065 Sep	0.0664	0.0000112	1.49	4.8	0.0451	0.000418	6.06	0.00217	0.053	0.00033	0.000207	0.0000933	0.109	0.00000219	0.000102	0.000656	0.00184	4.48E-09
2065 Oct	0.0522	0.0000102	1.28	4.89	0.028	0.000569	5.7	0.00212	0.0505	0.000162	0.000134	0.0000773	0.0929	0.00000194	0.000111	0.000414	0.00138	5.89E-09
2065 Nov	0.0515	0.0000102	1.28	4.89	0.0264	0.000589	5.7	0.00212	0.051	0.000146	0.000127	0.0000761	0.0923	0.00000194	0.000113	0.000393	0.00135	5.53E-09
2065 Dec	0.0516	0.0000102	1.28	4.89	0.0265	0.000589	5.72	0.00212	0.051	0.000147	0.000127	0.0000762	0.0925	0.00000195	0.000113	0.000394	0.00136	5.64E-09
2066 Jan	0.0517	0.0000102	1.28	4.9	0.0267	0.000589	5.73	0.00212	0.051	0.000148	0.000127	0.0000763	0.0926	0.00000195	0.000113	0.000396	0.00136	5.7E-09
2066 Feb	0.0519	0.0000102	1.28	4.91	0.0268	0.000589	5.74	0.00212	0.0511	0.000148	0.000127	0.0000765	0.0929	0.00000195	0.000113	0.000398	0.00136	5.71E-09
2066 Mar	0.0522	0.0000103	1.29	4.94	0.0271	0.000593	5.78	0.00214	0.0514	0.00015	0.000128	0.000077	0.0936	0.00000196	0.000113	0.000401	0.00137	5.75E-09
2066 Apr	0.0527	0.0000104	1.3	4.98	0.0273	0.000597	5.83	0.00215	0.0518	0.000151	0.000129	0.0000776	0.0944	0.00000198	0.000114	0.000404	0.00138	5.79E-09
2066 May	0.0554	0.0000107	1.36	5.15	0.0296	0.000611	6.04	0.00222	0.0536	0.000169	0.000135	0.000081	0.0989	0.00000204	0.000118	0.000432	0.00143	5.75E-09
2066 Jun	0.0524	0.00000901	1.17	2.9	0.0336	0.000227	4.75	0.00152	0.0426	0.000255	0.000199	0.0000685	0.0794	0.00000192	0.0000717	0.000579	0.00175	5.11E-09
2066 Jul	0.0577	0.0000111	1.27	2.87	0.0324	0.000227	4.84	0.00164	0.0512	0.000241	0.000246	0.0000723	0.0824	0.00000232	0.0000781	0.000643	0.00219	3.9E-09
2066 Aug	0.0627	0.0000124	1.38	3.17	0.034	0.000256	5.15	0.00181	0.0567	0.000251	0.000267	0.0000785	0.089	0.00000256	0.0000859	0.000682	0.0024	3.52E-09
2066 Sep	0.0584	0.0000121	1.32	3.55	0.0298	0.000319	4.94	0.00189	0.0553	0.000205	0.000243	0.0000768	0.0859	0.00000243	0.0000907	0.000598	0.00222	2.76E-09
2066 Oct	0.051	0.0000113	1.22	4.34	0.0238	0.000441	4.8	0.00206	0.0519	0.000136	0.000197	0.0000744	0.0821	0.00000217	0.000101	0.000462	0.00183	2.55E-09
2066 Nov	0.0502	0.0000112	1.22	4.57	0.0232	0.000475	4.91	0.00213	0.0518	0.000126	0.000189	0.0000751	0.0828	0.00000214	0.000105	0.000442	0.00177	3.08E-09
2066 Dec	0.0503	0.0000113	1.22	4.59	0.0233	0.000477	4.94	0.00213	0.0519	0.000126	0.000189	0.0000752	0.0831	0.00000214	0.000106	0.000443	0.00177	3.21E-09
2067 Jan	0.0504	0.0000113	1.23	4.59	0.0234	0.000478	4.95	0.00214	0.0519	0.000127	0.000189	0.0000753	0.0833	0.00000214	0.000106	0.000444	0.00177	3.26E-09
2067 Feb	0.0506	0.0000113	1.23	4.6	0.0235	0.000478	4.96	0.00214	0.052	0.000127	0.00019	0.0000755	0.0835	0.00000214	0.000106	0.000445	0.00177	3.28E-09
2067 Mar	0.0508	0.0000113	1.23	4.62	0.0237	0.000479	4.98	0.00215	0.0521	0.000128	0.00019	0.0000757	0.0839	0.00000215	0.000106	0.000447	0.00177	3.29E-09
2067 Apr	0.0511	0.0000114	1.24	4.65	0.0239	0.000483	5.01	0.00216	0.0525	0.000129	0.000191	0.0000762	0.0845	0.00000216	0.000107	0.000451	0.00179	3.31E-09
2067 May	0.063	0.0000115	1.44	5.33	0.0394	0.000493	5.76	0.00234	0.0546	0.000267	0.000204	0.0000912	0.105	0.00000217	0.000112	0.000598	0.0018	3.1E-09
2067 Jun	0.0798	0.00000985	1.6	4.54	0.0669	0.000286	6.35	0.00196	0.05	0.000547	0.000221	0.000102	0.127	0.00000196	0.0000857	0.000884	0.00178	5.17E-09
2067 Jul	0.0901	0.0000116	1.81	4.98	0.0736	0.000313	6.99	0.00219	0.0582	0.000601	0.000257	0.000114	0.141	0.0000023	0.0000963	0.000993	0.0021	4.61E-09
2067 Aug	0.0831	0.000012	1.69	4.83	0.0623	0.000324	6.37	0.00217	0.0578	0.000503	0.000243	0.000106	0.128	0.00000234	0.0000959	0.000853	0.00206	3.08E-09
2067 Sep	0.0769	0.000012	1.61	5	0.0549	0.000371	6.13	0.00223	0.0564	0.000431	0.000227	0.000102	0.121	0.00000231	0.0000996	0.000751	0.00196	2.66E-09
2067 Oct	0.0613	0.000011	1.4	5.23	0.0383	0.000486	5.61	0.00227	0.0518	0.000265	0.000177	0.0000898	0.103	0.00000208	0.000108	0.00053	0.00162	3.26E-09
2067 Nov	0.0588	0.000011	1.37	5.37	0.0351	0.000526	5.6	0.00232	0.0519	0.000231	0.000167	0.0000881	0.101	0.00000206	0.000112	0.000489	0.00156	3.5E-09
2067 Dec	0.0588	0.000011	1.38	5.38	0.0351	0.000529	5.63	0.00232	0.052	0.00023	0.000167	0.0000883	0.101	0.00000206	0.000112	0.000489	0.00156	3.68E-09
2068 Jan	0.059	0.000011	1.38	5.39	0.0352	0.000529	5.65	0.00233	0.0521	0.000231	0.000167	0.0000884	0.101	0.00000206	0.000112	0.00049	0.00156	3.74E-09
2068 Feb	0.0591	0.000011	1.38	5.4	0.0354	0.00053	5.66	0.00233	0.0521	0.000232	0.000168	0.0000885	0.102	0.00000207	0.000112	0.000492	0.00156	3.77E-09
2068 Mar	0.0595	0.0000111	1.39	5.43	0.0357	0.000532	5.7	0.00234	0.0524	0.000233	0.000168	0.000089	0.102	0.00000208	0.000113	0.000496	0.00157	3.79E-09
2068 Apr	0.0609	0.0000113	1.42	5.55	0.0365	0.000544	5.82	0.00239	0.0535	0.000239	0.000172	0.000091	0.105	0.00000212	0.000115	0.000507	0.0016	3.87E-09
2068 May	0.0706	0.0000113	1.57	5.73	0.0494	0.000512	6.35	0.00243	0.0549	0.000358	0.000189	0.000101	0.12	0.00000214	0.000114	0.000648	0.00167	0.000000004
2068 Jun	0.0681	0.00000888	1.41	3.57	0.0547	0.000221	5.54	0.00166	0.0443	0.000448	0.000205	0.0000867	0.106	0.00000188	0.0000737	0.000764	0.0017	3.55E-09
2068 Jul	0.0662	0.0000103	1.36	3.51	0.0468	0.000226	5.01	0.00171	0.049	0.000376	0.000228	0.0000827	0.0984	0.00000207	0.0000763	0.000723	0.00194	2.48E-09
2068 Aug	0.0742	0.0000119	1.53	4.02	0.0507	0.00027	5.6	0.00197	0.0563	0.000404	0.000255	0.0000932	0.11	0.00000238	0.000088	0.000787	0.0022	2.52E-09
2068 Sep	0.065	0.0000116	1.41	4.21	0.0405	0.000345	5.18	0.002	0.0536	0.000304	0.000217	0.0000864	0.0998	0.00000225	0.0000923	0.000627	0.00195	1.86E-09
2068 Oct	0.0618	0.0000115	1.37	4.45	0.0365	0.000399	5.13	0.00207	0.0534	0.00026	0.000202	0.0000848	0.0973	0.00000222	0.0000976	0.000564	0.00185	1.83E-09
2068 Nov	0.0621	0.0000116	1.38	4.5	0.0365	0.000406	5.17	0.00209	0.0539	0.00026	0.000202	0.0000855	0.0981	0.00000223	0.0000988	0.000566	0.00186	1.81E-09
2068 Dec	0.0622	0.0000116	1.39	4.51	0.0366	0.000407	5.18	0.00209	0.054	0.00026	0.000203	0.0000856	0.0982	0.00000224	0.000099	0.000566	0.00186	1.82E-09
2069 Jan	0.0623	0.0000116	1.39	4.51	0.0366	0.000407	5.18	0.0021	0.054	0.00026	0.000203	0.0000856	0.0983	0.00000224	0.000099	0.000567	0.00186	1.84E-09
2069 Feb	0.0624	0.0000117	1.39	4.52	0.0367	0.000408	5.19	0.0021	0.054	0.000261	0.000203	0.0000857	0.0985	0.00000224	0.0000991	0.000568	0.00186	1.85E-09
2069 Mar	0.0624	0.0000117	1.39	4.52	0.0368	0.000408	5.19	0.0021	0.054	0.000261	0.000203	0.0000858	0.0985	0.00000224	0.0000991	0.000569	0.00187	1.85E-09
2069 Apr	0.0628	0.0000117	1.4	4.55	0.037	0.00041	5.22	0.00211	0.0543	0.000263	0.000204	0.0000862	0.0991	0.00000225	0.0000997	0.000572	0.00187	1.86E-09
2069 May	0.0662	0.0000123	1.47	4.84	0.0394	0.000435	5.51	0.00223	0.057	0.00028	0.000214	0.0000912	0.105	0.00000236	0.000105	0.000604	0.00196	1.89E-09
2069 Jun	0.0541	0.00000976	1.19	3.28	0.034	0.000248	4.51	0.00166	0.0452	0.000254	0.000216	0.0000719	0.0815	0.00000198	0.0000766	0.000597	0.00186	3.17E-09
2069 Jul	0.0555	0.0000109	1.22	2.94	0.0309	0.000225	4.42	0.00164	0.0498	0.000227	0.000245	0.0000706	0.0791	0.00000224	0.0000771	0.000623	0.00215	2.33E-09

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0564	0.0000116	1.25	3.06	0.0293	0.000249	4.38	0.00171	0.0525	0.00021	0.000248	0.000072	0.0799	0.00000235	0.0000804	0.000605	0.00222	1.63E-09
2069 Sep	0.0502	0.0000108	1.18	3.49	0.0239	0.000362	4.35	0.00177	0.0497	0.00015	0.000191	0.0000687	0.0775	0.00000213	0.0000874	0.000465	0.00182	2.09E-09
2069 Oct	0.0477	0.00000993	1.18	3.81	0.0211	0.000504	4.81	0.00178	0.0493	0.000113	0.000122	0.0000657	0.0812	0.00000196	0.0000981	0.000355	0.0014	2.99E-09
2069 Nov	0.0474	0.00000991	1.18	3.72	0.0199	0.000521	4.8	0.00174	0.0499	0.000101	0.000112	0.000064	0.0809	0.00000197	0.0000988	0.000336	0.00136	2.54E-09
2069 Dec	0.0476	0.00000993	1.19	3.74	0.0201	0.000521	4.83	0.00175	0.05	0.000103	0.000112	0.0000643	0.0813	0.00000197	0.000099	0.000339	0.00136	2.64E-09
2070 Jan	0.0478	0.00000993	1.19	3.74	0.0203	0.000521	4.84	0.00175	0.05	0.000105	0.000113	0.0000644	0.0815	0.00000197	0.000099	0.000341	0.00136	2.68E-09
2070 Feb	0.0479	0.00000993	1.19	3.75	0.0206	0.000521	4.85	0.00175	0.05	0.000106	0.000113	0.0000645	0.0818	0.00000197	0.0000991	0.000343	0.00137	2.69E-09
2070 Mar	0.0481	0.00000995	1.2	3.76	0.0207	0.000521	4.87	0.00176	0.0501	0.000107	0.000113	0.0000647	0.0821	0.00000198	0.0000993	0.000345	0.00137	2.71E-09
2070 Apr	0.0488	0.0000101	1.21	3.81	0.0211	0.000527	4.93	0.00178	0.0507	0.000109	0.000115	0.0000655	0.0832	0.000002	0.0001	0.00035	0.00138	2.74E-09
2070 May	0.0596	0.0000103	1.38	4.12	0.0348	0.000495	5.54	0.00187	0.0527	0.000236	0.000137	0.0000778	0.0998	0.00000206	0.000101	0.0005	0.00149	2.82E-09
2070 Jun	0.0831	0.00000942	1.67	4.17	0.0709	0.000268	6.43	0.00181	0.0497	0.00059	0.000203	0.000102	0.132	0.00000197	0.0000814	0.000905	0.00171	2.52E-09
2070 Jul	0.0908	0.0000108	1.8	4.39	0.0754	0.000279	6.73	0.00194	0.0564	0.000628	0.000233	0.000109	0.141	0.00000222	0.0000873	0.00099	0.00197	1.95E-09
2070 Aug	0.0907	0.0000116	1.8	4.39	0.0718	0.000292	6.56	0.00198	0.0591	0.000595	0.000238	0.000109	0.139	0.00000234	0.0000895	0.000958	0.00206	1.28E-09
2070 Sep	0.0715	0.0000109	1.51	4.37	0.0499	0.000389	5.64	0.00196	0.054	0.000386	0.000186	0.0000915	0.114	0.00000213	0.0000937	0.000678	0.00173	1.76E-09
2070 Oct	0.0594	0.0000104	1.34	4.27	0.0351	0.00048	5.2	0.0019	0.052	0.000242	0.000142	0.0000784	0.0984	0.000002	0.0000987	0.000494	0.00148	2.32E-09
2070 Nov	0.059	0.0000104	1.34	4.28	0.0343	0.000492	5.26	0.00191	0.0523	0.000234	0.000139	0.000078	0.0982	0.000002	0.0000999	0.000485	0.00147	2.66E-09
2070 Dec	0.0591	0.0000104	1.34	4.28	0.0344	0.000492	5.27	0.00191	0.0523	0.000235	0.000139	0.0000781	0.0983	0.00000201	0.0001	0.000486	0.00147	2.7E-09
2071 Jan	0.0592	0.0000104	1.35	4.29	0.0345	0.000492	5.28	0.00191	0.0523	0.000235	0.000139	0.0000781	0.0985	0.00000201	0.0001	0.000487	0.00147	2.72E-09
2071 Feb	0.0593	0.0000104	1.35	4.29	0.0346	0.000492	5.28	0.00191	0.0523	0.000236	0.000139	0.0000782	0.0986	0.00000201	0.0001	0.000489	0.00147	2.73E-09
2071 Mar	0.0593	0.0000104	1.35	4.29	0.0347	0.000492	5.29	0.00191	0.0523	0.000236	0.00014	0.0000783	0.0988	0.00000201	0.0001	0.00049	0.00147	2.74E-09
2071 Apr	0.0597	0.0000105	1.36	4.32	0.0349	0.000494	5.32	0.00192	0.0526	0.000238	0.00014	0.0000787	0.0994	0.00000202	0.000101	0.000493	0.00148	2.75E-09
2071 May	0.0688	0.0000104	1.49	4.53	0.0474	0.00046	5.77	0.00196	0.0534	0.000354	0.000156	0.0000886	0.113	0.00000202	0.0000992	0.000625	0.00153	2.28E-09
2071 Jun	0.0723	0.00000905	1.48	3.63	0.0587	0.000236	5.71	0.00167	0.0462	0.000483	0.0002	0.00009	0.113	0.00000192	0.0000754	0.000796	0.0017	2.29E-09
2071 Jul	0.0726	0.0000101	1.5	3.48	0.0548	0.000231	5.59	0.0017	0.0503	0.000447	0.000226	0.0000889	0.11	0.00000213	0.0000777	0.000805	0.00195	1.87E-09
2071 Aug	0.0772	0.0000112	1.6	3.67	0.0567	0.000256	5.86	0.00181	0.0551	0.00046	0.00024	0.0000942	0.117	0.00000233	0.0000834	0.00084	0.00211	1.66E-09
2071 Sep	0.061	0.0000106	1.34	3.36	0.0387	0.000329	4.81	0.00165	0.0503	0.00029	0.000181	0.0000779	0.0952	0.0000021	0.0000804	0.000585	0.00176	1.08E-09
2071 Oct	0.0554	0.0000103	1.26	3.44	0.0316	0.000399	4.64	0.00165	0.0497	0.000218	0.000151	0.0000719	0.0892	0.00000201	0.0000852	0.000483	0.00158	1.36E-09
2071 Nov	0.0536	0.0000103	1.25	3.59	0.0285	0.000447	4.64	0.00169	0.0504	0.000185	0.000138	0.0000703	0.088	0.000002	0.0000902	0.00044	0.00151	1.41E-09
2071 Dec	0.0535	0.0000103	1.25	3.62	0.0284	0.000452	4.67	0.0017	0.0505	0.000183	0.000137	0.0000704	0.0881	0.000002	0.0000907	0.000438	0.00151	1.51E-09
2072 Jan	0.0536	0.0000103	1.25	3.63	0.0285	0.000452	4.68	0.00171	0.0505	0.000184	0.000137	0.0000705	0.0883	0.000002	0.0000909	0.000439	0.00151	1.54E-09
2072 Feb	0.0538	0.0000103	1.26	3.64	0.0287	0.000452	4.69	0.00171	0.0506	0.000185	0.000137	0.0000706	0.0886	0.000002	0.000091	0.000441	0.00151	1.56E-09
2072 Mar	0.0539	0.0000103	1.26	3.64	0.0288	0.000452	4.7	0.00171	0.0506	0.000185	0.000138	0.0000707	0.0888	0.000002	0.000091	0.000442	0.00151	1.57E-09
2072 Apr	0.0544	0.0000104	1.27	3.68	0.0292	0.000456	4.74	0.00173	0.051	0.000187	0.000139	0.0000714	0.0896	0.00000202	0.0000918	0.000447	0.00152	1.58E-09
2072 May	0.057	0.0000109	1.33	3.85	0.0306	0.000477	4.97	0.00181	0.0534	0.000196	0.000145	0.0000747	0.0938	0.00000211	0.0000961	0.000468	0.00159	1.65E-09
2072 Jun	0.049	0.00000979	1.12	2.82	0.0258	0.000279	4.14	0.00152	0.0459	0.000178	0.000192	0.0000632	0.0734	0.000002	0.0000755	0.000506	0.00179	2.03E-09
2072 Jul	0.0492	0.0000105	1.1	2.53	0.023	0.000235	3.86	0.00148	0.0482	0.000159	0.000215	0.0000608	0.0688	0.00000214	0.0000724	0.000513	0.00199	1.58E-09
2072 Aug	0.0475	0.0000107	1.16	3.01	0.022	0.000342	4.23	0.00161	0.0471	0.000136	0.000167	0.0000668	0.0746	0.00000212	0.000079	0.0004	0.00173	1.99E-09
2072 Sep	0.0439	0.0000102	1.15	3.01	0.0191	0.000408	4.28	0.00157	0.0452	0.000103	0.000123	0.0000654	0.0745	0.00000204	0.0000802	0.000301	0.00148	1.64E-09
2072 Oct	0.044	0.00000944	1.15	3	0.0188	0.000452	4.54	0.00151	0.0453	0.000101	0.0000968	0.0000615	0.0759	0.00000195	0.0000847	0.00029	0.00131	1.68E-09
2072 Nov	0.0446	0.00000945	1.16	3.04	0.0191	0.000463	4.62	0.00152	0.046	0.000102	0.0000951	0.0000616	0.077	0.00000195	0.0000864	0.000294	0.0013	1.79E-09
2072 Dec	0.0448	0.00000946	1.16	3.05	0.0192	0.000464	4.63	0.00153	0.046	0.000103	0.0000955	0.0000617	0.0772	0.00000196	0.0000866	0.000296	0.0013	1.82E-09
2073 Jan	0.0449	0.00000947	1.16	3.06	0.0193	0.000464	4.64	0.00153	0.0461	0.000104	0.0000957	0.0000618	0.0774	0.00000196	0.0000867	0.000297	0.0013	1.84E-09
2073 Feb	0.045	0.00000947	1.16	3.06	0.0195	0.000464	4.65	0.00153	0.0461	0.000105	0.000096	0.0000619	0.0776	0.00000196	0.0000867	0.000299	0.0013	1.85E-09
2073 Mar	0.0451	0.00000948	1.17	3.07	0.0196	0.000464	4.66	0.00154	0.0462	0.000106	0.0000962	0.0000621	0.0778	0.00000196	0.0000868	0.000301	0.00131	1.85E-09
2073 Apr	0.0461	0.00000967	1.19	3.13	0.0201	0.000473	4.76	0.00157	0.0471	0.000108	0.0000981	0.0000633	0.0794	0.000002	0.0000885	0.000307	0.00133	1.89E-09
2073 May	0.0637	0.00000999	1.46	4.18	0.0435	0.000443	5.67	0.00188	0.0499	0.000319	0.000145	0.0000861	0.108	0.00000203	0.0000948	0.000568	0.00149	1.93E-09
2073 Jun	0.0774	0.0000091	1.59	4.17	0.0658	0.000266	6.12	0.00183	0.0469	0.000543	0.000201	0.0000992	0.124	0.00000194	0.0000814	0.000848	0.00167	1.74E-09
2073 Jul	0.0778	0.00000996	1.62	4.06	0.0623	0.000268	6.2	0.00187	0.0501	0.000512	0.000216	0.0000988	0.122	0.00000213	0.0000843	0.00084	0.00185	1.8E-09
2073 Aug	0.0821	0.000011	1.68	4.13	0.0635	0.00028	6.25	0.00192	0.0547	0.000522	0.000226	0.000102	0.127	0.00000229	0.0000869	0.000862	0.00198	1.32E-09
2073 Sep	0.0727	0.0000108	1.52	3.91	0.0521	0.000317	5.51	0.00182	0.0525	0.000416	0.000194	0.0000912	0.113	0.00000216	0.0000848	0.00071	0.0018	8.39E-10
2073 Oct	0.0599	0.0000103	1.34	4.11	0.0369	0.000434	4.94	0.00185	0.0505	0.000264	0.00015	0.0000795	0.0981	0.000002	0.0000931	0.000513	0.00152	1.14E-09
2073 Nov	0.058	0.0000103	1.32	4.21	0.0342	0.000467	4.95	0.00189	0.0507	0.000236	0.000142	0.0000781	0.0964	0.00000199	0.0000966	0.00048	0.00147	1.48E-09
2073 Dec	0.0581	0.0000103	1.32	4.23	0.0342	0.000469	4.96	0.00189	0.0508	0.000236	0.000142	0.0000782	0.0966	0.00000199	0.0000969	0.00048	0.00148	1.52E-09
2074 Jan	0.0581	0.0000103	1.33	4.23	0.0343	0.000469	4.97	0.0019	0.0509	0.000236	0.000142	0.0000783	0.0967	0.00000199	0.000097	0.000481	0.00148	1.54E-09
2074 Feb	0.0582	0.0000103	1.33	4.24	0.0344	0.00047	4.98	0.0019	0.0509	0.000236	0.000142	0.0000784	0.0969	0.00000199	0.000097	0.000482	0.00148	1.54E-09
2074 Mar	0.0584	0.0000104	1.33	4.25	0.0346	0.00047	4.99	0.0019	0.051	0.000237	0.000143	0.0000785	0.0971	0.00000199	0.0000972	0.000484	0.00148	1.55E-09
2074 Apr	0.0594	0.0000105	1.35	4.32	0.0352	0.000478	5.07	0.00193	0.0518	0.000241	0.000145	0.0000798	0.0987	0.00000203	0.0000988	0.000492	0.0015	1.57E-09
2074 May	0.0752	0.0000105	1.6	4.97	0.0572	0.000429	6.02	0.00212	0.0531	0.000443	0.000181	0.0000997	0.124	0.00000205	0.0001	0.000731	0.00163	1.57E-09
2074 Jun	0.0798	0.0000088	1.62	4.09	0.0696	0.000241	6.23	0.00178	0.0461	0.000582	0.0002	0.000101	0.128	0.00000191	0.0000784	0.000882	0.00164	1.4E-09
2074 Jul	0.0886	0.0000103	1.79	4.45	0.0752	0.000264	6.78	0.00198	0.0532	0.000627	0.000234	0.000111	0.14	0.0000022	0.0000873	0.00098	0.00194	1.48E-09
2074 Aug	0.101	0.0000119	2.05	5.06	0.0852	0.000306	7.72	0.00226	0.0614	0.00071	0.000266	0.000126	0.159	0.00000253	0.0001	0.00111	0.00222	1.61E-09
2074 Sep	0.0797	0.0000112	1.68	4.9	0.0612	0.000383	6.12	0.00215	0.0555	0.000483	0.000216	0.000105	0.129	0.00000223	0.000099	0.000817	0.00188	9.86E-10
2074 Oct	0.0662	0.0000108	1.48	5.11	0.0451	0.000487	5.36	0.0022	0.0531	0.000324	0.000178	0.0000925	0.112	0.00000206	0.000107	0.000616	0.00163	8.35E-10
2074 Nov	0.0645	0.0000108	1.46	5.25	0.043	0.00051	5.3	0.00225	0.053	0.000302	0.000174	0.0000918	0.11	0.00000205	0.000109	0.000591	0.0016	8.66E-10
2074 Dec	0.0643	0.0000108	1.46	5.28	0.0429	0.000513	5.3	0.00226	0.053	0.0003	0.000173	0.0000919	0.11	0.00000205	0.00011	0.000588	0.00159	8.88E-10
2075 Jan	0.0644	0.0000108	1.46	5.29	0.0429	0.000514	5.31	0.00226	0.053	0.0003	0.000174	0.000092	0.11	0.00000205	0.00011	0.000589	0.00159	9E-10
2075 Feb	0.0645	0.0000108	1.46	5.29	0.0431	0.000514	5.32	0.00226	0.0531	0.000301	0.000174	0.0000921	0.11	0.00000205	0.00011	0.00059	0.00159	9.06E-10
2075 Mar	0.0647	0.0000109	1.47	5.31	0.0433	0.000516	5.34	0.00227	0.0532	0.000302	0.000174	0.0000924	0.111	0.00000206	0.000111	0.000593	0.0016	9.09E-10
2075 Apr	0.0657	0.000011	1.49	5.39	0.0439	0.000523	5.41	0.0023	0.054	0.000306	0.000177	0.0000937	0.112	0.00000209	0.000112	0.000602	0.00162	9.22E-10
2075 May	0.0677	0.0000116	1.58	6.65	0.0465	0.000611	5.65	0.00275	0.0559	0.000312	0.000196	0.000105	0.121	0.00000215	0.00013	0.000627	0.00167	6.79E-10
2075 Jun	0.051	0.00000971	1.17	3.73	0.031	0.000301	4.21	0.00182	0.0445	0.000217	0.000212	0.000073	0.0802	0.00000196	0.0000845	0.000556	0.0018	1.17E-09
2075 Jul	0.0497	0.0000104	1.12	2.68	0.0256	0.000213	3.85	0.00155	0.0469	0.000181	0.000235	0.0000641	0.0703	0.00000214	0.0000732	0.000565	0.00207	8.64E-10
2075 Aug	0.0516	0.0000111	1.16	2.68	0.0246	0.000225	3.87	0.00158	0.0502	0.000172	0.00024	0.0000651	0.0716	0.00000227	0.0000753	0.00056	0.00217	6.55E-10
2075 Sep	0.0511	0.0000114	1.16	2.72	0.0231	0.00025	3.83	0.00159	0.051	0.000155	0.000231	0.0000648	0.0716	0.00000229	0.0000767	0.00053	0.00214	4.95E-10
2075 Oct	0.048	0.000011	1.11	2.83	0.0199	0.000302	3.66	0.00157	0.0498	0.000122	0.0002	0.0000618	0.0695	0.00000218	0.0000788	0.000455	0.00194	2.81E-10
2075 Nov	0.0479	0.000011	1.12	3.03	0.0197	0.000333	3.74	0.00163	0.0502	0.000116	0.000193	0.0000628	0.0709	0.00000216	0.0000824	0.000441	0.00189	4.02E-10
2075 Dec	0.048	0.000011	1.13	3.07	0.0198	0.000339	3.78	0.00164	0.0503	0.000116	0.000192	0.0000631	0.0714	0.00000216	0.0000831	0.00044	0.00188	4.67E-10

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0481	0.000011	1.13	3.08	0.02	0.00034	3.79	0.00165	0.0503	0.000117	0.000192	0.0000633	0.0716	0.00000216	0.0000833	0.000442	0.00188	4.84E-10
2076 Feb	0.0483	0.000011	1.13	3.1	0.0202	0.00034	3.8	0.00165	0.0504	0.000118	0.000193	0.0000635	0.072	0.00000217	0.0000834	0.000444	0.00188	4.91E-10
2076 Mar	0.0486	0.0000111	1.14	3.11	0.0204	0.000341	3.82	0.00166	0.0505	0.000119	0.000193	0.0000637	0.0723	0.00000217	0.0000837	0.000446	0.00189	4.93E-10
2076 Apr	0.049	0.0000112	1.15	3.14	0.0206	0.000344	3.86	0.00167	0.051	0.000121	0.000195	0.0000642	0.0731	0.00000219	0.0000844	0.000451	0.0019	4.98E-10
2076 May	0.0621	0.0000112	1.36	3.79	0.0377	0.000351	4.69	0.00184	0.0532	0.000274	0.000206	0.0000801	0.0957	0.00000219	0.0000889	0.000611	0.00191	5.79E-10
2076 Jun	0.0718	0.000009	1.47	3.6	0.0585	0.000227	5.5	0.00166	0.0457	0.000483	0.000202	0.0000897	0.112	0.00000191	0.0000742	0.000796	0.0017	1.1E-09
2076 Jul	0.0731	0.00001	1.51	3.51	0.056	0.000228	5.6	0.00171	0.0497	0.000458	0.000224	0.0000903	0.112	0.00000213	0.0000778	0.000809	0.00193	0.000000001
2076 Aug	0.0806	0.0000113	1.67	3.81	0.0605	0.000255	6.08	0.00187	0.0559	0.000494	0.000246	0.0000987	0.122	0.00000239	0.0000855	0.000879	0.00215	9.46E-10
2076 Sep	0.0794	0.0000116	1.65	3.82	0.0578	0.000277	5.93	0.00187	0.0569	0.000468	0.000241	0.0000972	0.12	0.0000024	0.0000867	0.000846	0.00214	7.48E-10
2076 Oct	0.0649	0.0000108	1.41	3.85	0.042	0.000366	4.98	0.00181	0.0526	0.000316	0.000188	0.0000826	0.102	0.00000213	0.0000891	0.000627	0.00178	5.51E-10
2076 Nov	0.0623	0.0000107	1.38	3.98	0.0389	0.000401	4.9	0.00185	0.0524	0.000283	0.000177	0.0000807	0.0994	0.00000209	0.0000923	0.000583	0.00171	7.13E-10
2076 Dec	0.0624	0.0000107	1.38	3.99	0.0389	0.000403	4.92	0.00185	0.0524	0.000283	0.000177	0.0000809	0.0996	0.0000021	0.0000926	0.000582	0.00171	7.38E-10
2077 Jan	0.0624	0.0000107	1.38	4	0.039	0.000403	4.93	0.00186	0.0525	0.000283	0.000177	0.0000809	0.0997	0.0000021	0.0000927	0.000583	0.00171	7.48E-10
2077 Feb	0.0626	0.0000107	1.38	4.01	0.0391	0.000404	4.93	0.00186	0.0525	0.000284	0.000177	0.000081	0.0999	0.0000021	0.0000928	0.000585	0.00171	7.53E-10
2077 Mar	0.0627	0.0000107	1.38	4.02	0.0393	0.000404	4.94	0.00186	0.0526	0.000284	0.000177	0.0000812	0.1	0.0000021	0.0000929	0.000586	0.00171	7.56E-10
2077 Apr	0.0634	0.0000108	1.4	4.06	0.0397	0.000408	5	0.00188	0.0531	0.000288	0.000179	0.000082	0.101	0.00000212	0.0000939	0.000592	0.00173	7.64E-10
2077 May	0.0716	0.0000109	1.53	4.48	0.0504	0.000404	5.51	0.002	0.0545	0.000383	0.000193	0.0000923	0.115	0.00000214	0.0000966	0.000701	0.00177	8.37E-10
2077 Jun	0.0791	0.00000958	1.58	4.08	0.0664	0.000245	5.72	0.0018	0.049	0.000549	0.000218	0.0000981	0.124	0.00000195	0.000079	0.000883	0.00178	7.58E-10
2077 Jul	0.0835	0.0000111	1.66	4.15	0.0663	0.00025	5.79	0.0019	0.0556	0.000544	0.000253	0.000102	0.127	0.00000222	0.0000842	0.00094	0.0021	5.81E-10
2077 Aug	0.0897	0.0000124	1.8	4.46	0.0694	0.000284	6.22	0.00207	0.0612	0.000567	0.000273	0.000109	0.136	0.00000247	0.0000924	0.000992	0.00231	5.47E-10
2077 Sep	0.0602	0.0000107	1.35	3.8	0.0379	0.000384	4.68	0.00179	0.0507	0.000274	0.000175	0.00008	0.0968	0.00000207	0.0000874	0.000563	0.0017	5.03E-10
2077 Oct	0.0557	0.0000105	1.3	3.91	0.0316	0.000455	4.61	0.00181	0.0509	0.000209	0.000149	0.0000754	0.0925	0.00000203	0.0000934	0.000473	0.00156	6.68E-10
2077 Nov	0.0563	0.0000106	1.31	3.97	0.0319	0.000463	4.7	0.00184	0.0514	0.000211	0.000149	0.0000762	0.0936	0.00000204	0.0000949	0.000477	0.00156	7.6E-10
2077 Dec	0.0564	0.0000106	1.32	3.98	0.032	0.000465	4.71	0.00184	0.0515	0.000211	0.000149	0.0000764	0.0938	0.00000205	0.0000952	0.000478	0.00157	7.75E-10
2078 Jan	0.0565	0.0000106	1.32	3.99	0.0321	0.000465	4.72	0.00184	0.0515	0.000212	0.000149	0.0000765	0.094	0.00000205	0.0000953	0.000479	0.00157	7.81E-10
2078 Feb	0.0566	0.0000106	1.32	3.99	0.0322	0.000465	4.73	0.00185	0.0515	0.000213	0.000149	0.0000766	0.0942	0.00000205	0.0000953	0.000481	0.00157	7.84E-10
2078 Mar	0.0567	0.0000106	1.32	4	0.0323	0.000465	4.74	0.00185	0.0516	0.000213	0.00015	0.0000767	0.0944	0.00000205	0.0000954	0.000482	0.00157	7.87E-10
2078 Apr	0.0578	0.0000108	1.35	4.07	0.033	0.000474	4.83	0.00188	0.0525	0.000218	0.000152	0.0000781	0.0962	0.00000209	0.0000972	0.000491	0.0016	8.01E-10
2078 May	0.078	0.0000104	1.64	4.71	0.0616	0.000389	5.98	0.00202	0.0529	0.000487	0.000189	0.000101	0.128	0.00000205	0.0000949	0.000789	0.00168	7.74E-10
2078 Jun	0.0842	0.00000896	1.69	4.2	0.0744	0.000245	6.43	0.00181	0.0476	0.000625	0.000203	0.000105	0.135	0.00000193	0.0000795	0.00093	0.00166	8.9E-10
2078 Jul	0.0957	0.0000105	1.91	4.7	0.0834	0.000274	7.15	0.00204	0.0551	0.000701	0.000233	0.000118	0.151	0.00000222	0.0000894	0.00105	0.00193	9E-10
2078 Aug	0.0945	0.0000111	1.86	4.51	0.0787	0.000275	6.77	0.00198	0.0572	0.000661	0.00023	0.000114	0.147	0.00000228	0.0000876	0.000997	0.00196	5.3E-10
2078 Sep	0.0873	0.0000112	1.76	4.4	0.0692	0.000308	6.27	0.00195	0.0563	0.000573	0.00021	0.000107	0.136	0.00000226	0.0000876	0.000876	0.00188	3.14E-10
2078 Oct	0.0765	0.000011	1.61	4.75	0.0574	0.000388	5.72	0.00207	0.0537	0.000453	0.000189	0.000101	0.124	0.00000214	0.0000952	0.000729	0.00172	3.89E-10
2078 Nov	0.074	0.000011	1.58	4.89	0.0542	0.000418	5.62	0.00212	0.0535	0.00042	0.000184	0.0000992	0.121	0.00000212	0.0000985	0.000691	0.00168	4.79E-10
2078 Dec	0.074	0.000011	1.58	4.9	0.0542	0.000419	5.63	0.00212	0.0535	0.00042	0.000184	0.0000992	0.121	0.00000213	0.0000987	0.000691	0.00168	4.92E-10
2079 Jan	0.074	0.000011	1.58	4.91	0.0543	0.000419	5.63	0.00213	0.0535	0.00042	0.000184	0.0000993	0.121	0.00000213	0.0000988	0.000692	0.00168	4.98E-10
2079 Feb	0.0741	0.000011	1.59	4.91	0.0544	0.000419	5.64	0.00213	0.0536	0.00042	0.000184	0.0000993	0.121	0.00000213	0.0000988	0.000692	0.00168	5.02E-10
2079 Mar	0.0742	0.000011	1.59	4.92	0.0545	0.00042	5.65	0.00213	0.0537	0.000421	0.000184	0.0000995	0.122	0.00000213	0.000099	0.000694	0.00168	5.04E-10
2079 Apr	0.075	0.0000111	1.61	4.97	0.0551	0.000424	5.71	0.00215	0.0542	0.000425	0.000186	0.000101	0.123	0.00000215	0.0001	0.000702	0.0017	5.09E-10
2079 May	0.0784	0.0000116	1.68	5.26	0.0579	0.000446	5.96	0.00227	0.0564	0.000447	0.000195	0.000106	0.129	0.00000223	0.000105	0.000736	0.00176	5.09E-10
2079 Jun	0.0554	0.00000926	1.2	3.06	0.0372	0.000221	4.24	0.00156	0.0437	0.000287	0.000208	0.0000717	0.0835	0.00000191	0.0000716	0.000619	0.00179	6.78E-10
2079 Jul	0.0511	0.00001	1.1	2.39	0.028	0.000181	3.68	0.0014	0.046	0.00021	0.000224	0.0000621	0.0709	0.00000205	0.0000661	0.000575	0.00199	3.77E-10
2079 Aug	0.0548	0.0000112	1.18	2.54	0.0279	0.000203	3.85	0.0015	0.0508	0.000208	0.000237	0.0000658	0.0748	0.00000226	0.0000714	0.000586	0.00215	2.84E-10
2079 Sep	0.0489	0.0000106	1.11	2.99	0.022	0.000314	3.7	0.00158	0.0486	0.000143	0.000184	0.0000631	0.0721	0.00000208	0.0000787	0.00044	0.00179	3.17E-10
2079 Oct	0.047	0.0000104	1.12	3.47	0.0198	0.000414	3.83	0.0017	0.0488	0.000112	0.000153	0.0000634	0.0744	0.000002	0.0000887	0.000376	0.00159	4.1E-10
2079 Nov	0.0476	0.0000103	1.14	3.7	0.0202	0.000459	4	0.00176	0.0496	0.00011	0.000141	0.0000647	0.0775	0.00000199	0.0000938	0.000366	0.00151	4.8E-10
2079 Dec	0.0486	0.0000103	1.17	3.82	0.0213	0.000484	4.16	0.00179	0.0503	0.000117	0.000135	0.000066	0.0804	0.00000198	0.0000966	0.000369	0.00147	5.12E-10
2080 Jan	0.049	0.0000103	1.18	3.84	0.0218	0.000484	4.19	0.0018	0.0503	0.00012	0.000135	0.0000663	0.081	0.00000198	0.0000967	0.000374	0.00148	5.26E-10
2080 Feb	0.0493	0.0000103	1.18	3.85	0.0222	0.000483	4.21	0.0018	0.0503	0.000122	0.000136	0.0000665	0.0816	0.00000198	0.0000968	0.000378	0.00148	5.31E-10
2080 Mar	0.0495	0.0000103	1.19	3.86	0.0225	0.000483	4.22	0.0018	0.0504	0.000124	0.000136	0.0000667	0.0819	0.00000199	0.0000968	0.00038	0.00148	5.35E-10
2080 Apr	0.0499	0.0000104	1.2	3.89	0.0228	0.000487	4.26	0.00182	0.0508	0.000125	0.000137	0.0000672	0.0826	0.000002	0.0000976	0.000384	0.00149	5.4E-10
2080 May	0.0524	0.0000109	1.25	4.08	0.024	0.00051	4.47	0.00191	0.0532	0.000132	0.000144	0.0000705	0.0867	0.0000021	0.000102	0.000404	0.00156	5.65E-10
2080 Jun	0.0479	0.00000967	1.11	2.89	0.0244	0.000293	3.92	0.00154	0.0455	0.000164	0.000185	0.0000623	0.0723	0.00000199	0.0000773	0.000482	0.00174	5.82E-10
2080 Jul	0.047	0.00001	1.05	2.27	0.0217	0.000207	3.53	0.00137	0.0458	0.000152	0.000208	0.0000572	0.0646	0.00000206	0.0000674	0.000494	0.00193	4.04E-10
2080 Aug	0.0482	0.0000108	1.06	2.3	0.0196	0.000225	3.5	0.0014	0.0485	0.000135	0.000202	0.0000575	0.0648	0.00000216	0.000069	0.000455	0.00195	2.8E-10
2080 Sep	0.0449	0.0000106	1.06	2.59	0.017	0.000306	3.52	0.00146	0.047	0.000102	0.000162	0.0000584	0.0658	0.00000208	0.0000731	0.000353	0.00171	2.82E-10
2080 Oct	0.0442	0.0000104	1.08	3.03	0.0163	0.000387	3.67	0.00157	0.0474	0.0000857	0.00014	0.0000601	0.0692	0.00000203	0.0000816	0.000316	0.00156	3.42E-10
2080 Nov	0.0446	0.0000103	1.1	3.34	0.0169	0.000435	3.8	0.00166	0.048	0.0000842	0.000131	0.0000618	0.0723	0.000002	0.0000875	0.000309	0.00149	3.5E-10
2080 Dec	0.0449	0.0000104	1.11	3.38	0.0172	0.00044	3.84	0.00167	0.0481	0.0000864	0.000131	0.0000622	0.073	0.000002	0.0000882	0.000312	0.00149	3.7E-10
2081 Jan	0.0451	0.0000104	1.11	3.39	0.0174	0.00044	3.86	0.00167	0.0482	0.0000878	0.000131	0.0000624	0.0733	0.000002	0.0000883	0.000315	0.00149	3.77E-10
2081 Feb	0.0452	0.0000104	1.11	3.4	0.0177	0.00044	3.87	0.00167	0.0482	0.0000891	0.000131	0.0000625	0.0737	0.000002	0.0000884	0.000317	0.00149	3.8E-10
2081 Mar	0.0454	0.0000104	1.12	3.41	0.0178	0.00044	3.88	0.00168	0.0483	0.0000899	0.000131	0.0000626	0.0739	0.000002	0.0000885	0.000319	0.00149	3.82E-10
2081 Apr	0.046	0.0000105	1.13	3.45	0.0181	0.000445	3.93	0.0017	0.0488	0.0000913	0.000133	0.0000634	0.0748	0.00000202	0.0000895	0.000323	0.00151	3.86E-10
2081 May	0.0703	0.0000104	1.5	4.22	0.0506	0.000385	5.37	0.00188	0.0518	0.000389	0.000173	0.0000899	0.113	0.00000205	0.0000906	0.000669	0.00163	4.18E-10
2081 Jun	0.0808	0.00000931	1.64	4.11	0.0686	0.000261	6.15	0.00181	0.0485	0.000569	0.000203	0.000101	0.128	0.00000198	0.000081	0.00088	0.0017	6.48E-10
2081 Jul	0.0941	0.0000111	1.91	4.76	0.0791	0.000304	7.16	0.00212	0.0573	0.000655	0.000241	0.000117	0.149	0.00000235	0.000095	0.00103	0.00203	7.63E-10
2081 Aug	0.108	0.0000129	2.21	5.45	0.0903	0.000355	8.22	0.00244	0.0666	0.000747	0.000276	0.000135	0.171	0.00000273	0.00011	0.00117	0.00235	8.4E-10
2081 Sep	0.0949	0.0000121	1.94	4.84	0.0762	0.000355	7	0.00216	0.0616	0.000622	0.000237	0.000118	0.15	0.00000247	0.0000988	0.000989	0.0021	4.14E-10
2081 Oct	0.0879	0.0000118	1.83	4.8	0.0684	0.000387	6.5	0.00212	0.0597	0.000548	0.000217	0.000111	0.141	0.00000237	0.0000992	0.000891	0.00197	2.89E-10
2081 Nov	0.0768	0.0000113	1.65	4.85	0.0564	0.000442	5.81	0.00211	0.0564	0.000433	0.000189	0.0001	0.126	0.0000022	0.0000102	0.000742	0.00176	2.5E-10
2081 Dec	0.0747	0.0000112	1.62	4.91	0.0539	0.00046	5.7	0.00213	0.0561	0.000408	0.000184	0.0000988	0.123	0.00000217	0.0000103	0.000711	0.00172	2.7E-10
2082 Jan	0.0747	0.0000112	1.62	4.92	0.054	0.000461	5.71	0.00213	0.0561	0.000407	0.000184	0.0000988	0.124	0.00000217	0.0000104	0.000712	0.00172	2.81E-10
2082 Feb	0.0749	0.0000112	1.62	4.93	0.0542	0.000461	5.72	0.00214	0.0561	0.000408	0.000184	0.0000989	0.124	0.00000217	0.0000104	0.000714	0.00172	2.85E-10
2082 Mar	0.0751	0.0000112	1.63	4.95	0.0544	0.000462	5.74	0.00214	0.0562	0.000409	0.000184	0.0000991	0.124	0.00000218	0.0000104	0.000716	0.00172	2.87E-10
2082 Apr	0.0758	0.0000113	1.64	4.99	0.055	0.000466	5.79	0.00216	0.0567	0.000413	0.000186	0.0001	0.125	0.0000022	0.0000105	0.000723	0.00174	2.9E-10
2082 May	0.079	0.0000118	1.71	5.2	0.0574	0.000485	6.04	0.00225	0.0591	0.000431	0.000194	0.000104	0.131	0.00000229	0.0000109	0.000754	0.00181	3.02E-10

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.0526	0.0000098	1.19	3.32	0.0318	0.000281	4.1	0.00168	0.0456	0.000228	0.000206	0.0000708	0.0808	0.00000199	0.0000795	0.000565	0.00182	4.62E-10
2082 Jul	0.0466	0.00000996	1.05	2.22	0.0226	0.00018	3.49	0.00138	0.0451	0.000159	0.000226	0.0000579	0.0638	0.00000208	0.0000661	0.000533	0.00202	3.62E-10
2082 Aug	0.0497	0.0000109	1.11	2.28	0.0224	0.000201	3.65	0.00144	0.0492	0.000156	0.000233	0.0000606	0.0672	0.00000225	0.0000698	0.000538	0.00215	2.92E-10
2082 Sep	0.0487	0.0000111	1.1	2.24	0.0202	0.000232	3.58	0.00141	0.0498	0.000134	0.000214	0.0000591	0.0666	0.00000224	0.0000702	0.000487	0.00206	1.95E-10
2082 Oct	0.0445	0.0000102	1.06	2.76	0.0168	0.000368	3.62	0.00148	0.048	0.0000902	0.00015	0.0000567	0.0679	0.00000201	0.0000795	0.00036	0.00162	3.19E-10
2082 Nov	0.0451	0.0000103	1.08	2.91	0.0171	0.000389	3.73	0.00153	0.0486	0.0000905	0.000148	0.0000581	0.0698	0.00000202	0.0000826	0.00036	0.00161	3.82E-10
2082 Dec	0.0452	0.0000103	1.09	2.92	0.0172	0.000392	3.75	0.00153	0.0488	0.0000908	0.000148	0.0000583	0.07	0.00000202	0.0000829	0.00036	0.00161	3.91E-10
2083 Jan	0.0453	0.0000103	1.09	2.93	0.0173	0.000392	3.76	0.00154	0.0488	0.0000915	0.000148	0.0000584	0.0703	0.00000202	0.000083	0.000362	0.00161	3.95E-10
2083 Feb	0.0455	0.0000103	1.09	2.95	0.0175	0.000393	3.77	0.00154	0.0489	0.0000924	0.000148	0.0000586	0.0706	0.00000202	0.0000832	0.000364	0.00161	3.97E-10
2083 Mar	0.0457	0.0000104	1.09	2.95	0.0177	0.000394	3.78	0.00155	0.049	0.0000931	0.000148	0.0000588	0.0709	0.00000203	0.0000834	0.000365	0.00161	3.98E-10
2083 Apr	0.0463	0.0000105	1.11	2.99	0.0179	0.000398	3.83	0.00156	0.0496	0.0000946	0.00015	0.0000595	0.0718	0.00000205	0.0000844	0.00037	0.00163	4.02E-10
2083 May	0.0644	0.0000107	1.41	4.11	0.0423	0.000393	4.92	0.00189	0.0522	0.000312	0.000184	0.000084	0.103	0.00000208	0.0000924	0.000618	0.00172	3.77E-10
2083 Jun	0.0748	0.00000904	1.52	3.83	0.0624	0.000236	5.63	0.00173	0.0462	0.000516	0.000205	0.000094	0.118	0.00000192	0.0000768	0.00083	0.0017	4.94E-10
2083 Jul	0.0765	0.0000102	1.56	3.87	0.06	0.000245	5.64	0.00181	0.0506	0.000493	0.000224	0.0000951	0.118	0.00000212	0.0000808	0.000834	0.0019	4.54E-10
2083 Aug	0.0721	0.0000109	1.46	3.77	0.0502	0.000262	5.08	0.00179	0.0521	0.00041	0.000208	0.0000885	0.107	0.00000217	0.0000804	0.000701	0.00186	2.8E-10
2083 Sep	0.0629	0.0000106	1.34	3.79	0.039	0.000346	4.66	0.00178	0.0506	0.000299	0.000169	0.0000799	0.0969	0.00000207	0.0000851	0.000545	0.00164	2.32E-10
2083 Oct	0.0531	0.00000994	1.23	3.82	0.0276	0.00046	4.43	0.00176	0.0492	0.000182	0.000124	0.0000701	0.0874	0.00000195	0.0000934	0.000402	0.00139	2.75E-10
2083 Nov	0.0516	0.00000972	1.22	3.76	0.0261	0.000473	4.5	0.00174	0.0487	0.000166	0.000117	0.0000685	0.0861	0.00000194	0.0000945	0.000384	0.00135	3.31E-10
2083 Dec	0.0517	0.00000974	1.23	3.77	0.0262	0.000474	4.51	0.00174	0.0488	0.000167	0.000117	0.0000687	0.0863	0.00000194	0.0000947	0.000386	0.00135	3.38E-10
2084 Jan	0.0518	0.00000974	1.23	3.78	0.0264	0.000474	4.52	0.00175	0.0488	0.000168	0.000118	0.0000688	0.0865	0.00000194	0.0000948	0.000387	0.00135	3.41E-10
2084 Feb	0.052	0.00000975	1.23	3.78	0.0265	0.000474	4.53	0.00175	0.0489	0.000169	0.000118	0.0000689	0.0868	0.00000194	0.0000948	0.000389	0.00135	3.42E-10
2084 Mar	0.0522	0.00000977	1.24	3.8	0.0267	0.000475	4.55	0.00175	0.049	0.00017	0.000118	0.0000691	0.0871	0.00000195	0.000095	0.000391	0.00136	3.43E-10
2084 Apr	0.0532	0.00000995	1.26	3.87	0.0273	0.000484	4.63	0.00179	0.0499	0.000173	0.000121	0.0000704	0.0888	0.00000198	0.0000968	0.000399	0.00138	3.49E-10
2084 May	0.0726	0.0000101	1.55	4.56	0.0534	0.000424	5.65	0.00197	0.0524	0.000413	0.000164	0.0000932	0.119	0.00000202	0.000097	0.000686	0.00155	3.18E-10
2084 Jun	0.078	0.00000889	1.58	3.89	0.0666	0.00024	5.88	0.00172	0.0465	0.000555	0.000198	0.000097	0.124	0.0000019	0.0000768	0.000857	0.00165	4.32E-10
2084 Jul	0.0856	0.0000102	1.71	4.14	0.0712	0.000254	6.26	0.00186	0.0527	0.000593	0.000226	0.000105	0.133	0.00000214	0.0000832	0.000939	0.0019	3.8E-10
2084 Aug	0.0889	0.0000111	1.78	4.27	0.0718	0.000276	6.4	0.00194	0.0565	0.000597	0.000233	0.000108	0.137	0.00000229	0.000087	0.000951	0.00201	3.06E-10
2084 Sep	0.0774	0.0000108	1.6	3.99	0.0586	0.000312	5.61	0.00182	0.0534	0.000474	0.000199	0.0000963	0.121	0.00000216	0.0000841	0.000778	0.00182	1.61E-10
2084 Oct	0.0645	0.0000105	1.42	4.23	0.0434	0.00042	4.95	0.00189	0.0512	0.000321	0.000161	0.0000857	0.106	0.00000203	0.0000925	0.000584	0.00158	1.68E-10
2084 Nov	0.061	0.0000104	1.38	4.32	0.0387	0.000462	4.83	0.00192	0.0511	0.000274	0.000149	0.0000826	0.102	0.000002	0.0000965	0.000527	0.00151	2.06E-10
2084 Dec	0.0611	0.0000104	1.38	4.33	0.0387	0.000464	4.84	0.00192	0.0512	0.000274	0.000149	0.0000827	0.102	0.000002	0.0000968	0.000527	0.00151	2.12E-10
2085 Jan	0.0611	0.0000104	1.38	4.34	0.0388	0.000464	4.84	0.00193	0.0512	0.000274	0.000149	0.0000827	0.102	0.000002	0.0000969	0.000528	0.00151	2.14E-10
2085 Feb	0.0612	0.0000104	1.39	4.35	0.0389	0.000464	4.85	0.00193	0.0512	0.000275	0.000149	0.0000828	0.102	0.000002	0.0000969	0.000529	0.00151	2.15E-10
2085 Mar	0.0613	0.0000104	1.39	4.35	0.039	0.000464	4.86	0.00193	0.0513	0.000276	0.000149	0.0000829	0.103	0.00000201	0.000097	0.00053	0.00151	2.16E-10
2085 Apr	0.062	0.0000105	1.4	4.4	0.0395	0.000469	4.91	0.00195	0.0518	0.000278	0.000151	0.0000837	0.104	0.00000203	0.000098	0.000536	0.00153	2.18E-10
2085 May	0.0767	0.0000105	1.62	5.05	0.0595	0.000433	5.73	0.00213	0.0534	0.000462	0.000182	0.000101	0.127	0.00000203	0.0001	0.000752	0.00162	2.17E-10
2085 Jun	0.09	0.00000983	1.8	4.88	0.0794	0.000304	6.57	0.00204	0.0519	0.00066	0.000214	0.000114	0.145	0.00000201	0.0000896	0.000981	0.00173	3.53E-10
2085 Jul	0.0989	0.0000111	1.96	5.23	0.0857	0.000324	7.06	0.0022	0.0581	0.000714	0.000237	0.000123	0.158	0.00000224	0.0000967	0.00107	0.00194	3.01E-10
2085 Aug	0.0901	0.0000111	1.8	4.79	0.0736	0.000324	6.34	0.00206	0.0564	0.000609	0.000214	0.000112	0.142	0.00000221	0.0000913	0.000917	0.00185	1.54E-10
2085 Sep	0.0689	0.0000107	1.51	4.77	0.0496	0.000431	5.25	0.00207	0.0511	0.000376	0.000165	0.0000951	0.115	0.00000204	0.0000963	0.000617	0.00156	1.75E-10
2085 Oct	0.0602	0.0000103	1.4	4.92	0.0392	0.000504	4.9	0.00212	0.0499	0.000272	0.000145	0.0000876	0.105	0.00000197	0.000104	0.000502	0.00143	2.15E-10
2085 Nov	0.0572	0.0000101	1.36	4.79	0.0354	0.000519	4.87	0.00208	0.0493	0.000237	0.000136	0.0000835	0.1	0.00000196	0.000105	0.000466	0.00139	2.73E-10
2085 Dec	0.0573	0.0000101	1.36	4.79	0.0355	0.000519	4.88	0.00208	0.0493	0.000237	0.000136	0.0000836	0.1	0.00000196	0.000105	0.000468	0.00139	2.78E-10
2086 Jan	0.0574	0.0000101	1.36	4.79	0.0356	0.000519	4.89	0.00209	0.0494	0.000238	0.000136	0.0000836	0.101	0.00000196	0.000105	0.000469	0.00139	2.8E-10
2086 Feb	0.0576	0.0000101	1.37	4.8	0.0358	0.000519	4.9	0.00209	0.0494	0.000239	0.000137	0.0000837	0.101	0.00000196	0.000105	0.000471	0.00139	2.81E-10
2086 Mar	0.0577	0.0000101	1.37	4.81	0.036	0.000519	4.91	0.00209	0.0495	0.00024	0.000137	0.0000839	0.101	0.00000196	0.000105	0.000473	0.00139	2.82E-10
2086 Apr	0.0585	0.0000102	1.39	4.87	0.0365	0.000526	4.97	0.00212	0.0501	0.000243	0.000139	0.000085	0.103	0.00000199	0.000107	0.00048	0.00141	2.85E-10
2086 May	0.0655	0.0000106	1.51	5.26	0.0443	0.000532	5.37	0.00225	0.0526	0.000312	0.000155	0.0000936	0.114	0.00000206	0.000111	0.000569	0.0015	2.66E-10
2086 Jun	0.0662	0.00000926	1.39	3.56	0.0506	0.000246	4.99	0.00168	0.0458	0.000407	0.000205	0.0000844	0.103	0.00000193	0.0000767	0.000729	0.00174	3.31E-10
2086 Jul	0.0655	0.0000106	1.38	3.28	0.0442	0.000233	4.78	0.00169	0.0508	0.000349	0.000235	0.0000813	0.0969	0.0000022	0.0000783	0.000724	0.00205	2.67E-10
2086 Aug	0.0626	0.0000112	1.34	3.29	0.0382	0.000259	4.47	0.00171	0.0518	0.000295	0.000223	0.0000784	0.0917	0.00000224	0.0000793	0.000638	0.00202	1.66E-10
2086 Sep	0.0522	0.0000108	1.23	3.62	0.0281	0.000366	4.06	0.00178	0.048	0.000189	0.000172	0.0000742	0.0834	0.00000209	0.0000846	0.000447	0.0017	1.31E-10
2086 Oct	0.0503	0.0000107	1.22	3.86	0.0256	0.00042	4.04	0.00185	0.0483	0.000159	0.000157	0.0000736	0.0831	0.00000206	0.00009	0.000403	0.00161	1.17E-10
2086 Nov	0.0507	0.0000108	1.23	3.89	0.0258	0.000425	4.08	0.00186	0.0487	0.00016	0.000158	0.0000742	0.0838	0.00000208	0.0000909	0.000405	0.00162	1.2E-10
2086 Dec	0.0507	0.0000108	1.23	3.9	0.0258	0.000426	4.08	0.00187	0.0488	0.00016	0.000158	0.0000743	0.0839	0.00000208	0.0000911	0.000406	0.00162	1.22E-10
2087 Jan	0.0508	0.0000108	1.23	3.9	0.0259	0.000427	4.09	0.00187	0.0488	0.00016	0.000158	0.0000743	0.084	0.00000208	0.0000912	0.000406	0.00162	1.23E-10
2087 Feb	0.0509	0.0000108	1.23	3.91	0.026	0.000427	4.09	0.00187	0.0488	0.000161	0.000158	0.0000744	0.0842	0.00000208	0.0000913	0.000408	0.00162	1.23E-10
2087 Mar	0.0511	0.0000109	1.24	3.92	0.0261	0.000428	4.11	0.00187	0.049	0.000161	0.000159	0.0000746	0.0845	0.00000209	0.0000915	0.000409	0.00163	1.24E-10
2087 Apr	0.0515	0.0000109	1.24	3.95	0.0263	0.000431	4.14	0.00189	0.0493	0.000162	0.00016	0.0000751	0.0851	0.0000021	0.0000921	0.000412	0.00164	1.24E-10
2087 May	0.0618	0.0000109	1.4	4.35	0.04	0.000416	4.79	0.00199	0.0508	0.000287	0.000175	0.0000866	0.102	0.0000021	0.0000943	0.000557	0.00168	1.56E-10
2087 Jun	0.0868	0.00000973	1.73	4.52	0.0756	0.000275	6.23	0.00192	0.0508	0.000629	0.000213	0.000108	0.138	0.00000199	0.0000841	0.00095	0.00175	2.37E-10
2087 Jul	0.089	0.0000107	1.75	4.41	0.0741	0.000271	6.17	0.00193	0.0549	0.000617	0.000228	0.000108	0.138	0.00000215	0.000085	0.000959	0.00191	1.49E-10
2087 Aug	0.0953	0.0000119	1.88	4.69	0.0772	0.000296	6.57	0.00207	0.0604	0.000643	0.000245	0.000115	0.147	0.00000238	0.000092	0.00101	0.0021	1.28E-10
2087 Sep	0.0911	0.0000121	1.82	4.69	0.0708	0.000328	6.32	0.00209	0.0606	0.000582	0.000234	0.000111	0.141	0.00000239	0.0000944	0.000929	0.00206	9.3E-11
2087 Oct	0.0804	0.0000116	1.66	4.69	0.0588	0.000376	5.68	0.00207	0.0574	0.000468	0.000207	0.000101	0.126	0.00000226	0.0000965	0.00078	0.00187	6.73E-11
2087 Nov	0.0763	0.0000114	1.6	4.76	0.0542	0.000403	5.48	0.00209	0.0564	0.000423	0.000197	0.000098	0.121	0.00000221	0.0000987	0.000724	0.0018	7.44E-11
2087 Dec	0.0763	0.0000115	1.6	4.76	0.0542	0.000405	5.48	0.0021	0.0565	0.000423	0.000197	0.0000981	0.121	0.00000222	0.0000989	0.000723	0.0018	7.78E-11
2088 Jan	0.0763	0.0000115	1.6	4.77	0.0543	0.000405	5.49	0.0021	0.0565	0.000423	0.000197	0.0000981	0.121	0.00000222	0.000099	0.000724	0.0018	7.91E-11
2088 Feb	0.0764	0.0000115	1.6	4.77	0.0544	0.000405	5.49	0.0021	0.0565	0.000423	0.000197	0.0000982	0.122	0.00000222	0.0000991	0.000725	0.0018	7.98E-11
2088 Mar	0.0767	0.0000115	1.61	4.79	0.0546	0.000406	5.51	0.00211	0.0567	0.000425	0.000198	0.0000985	0.122	0.00000222	0.0000994	0.000728	0.00181	8.02E-11
2088 Apr	0.0787	0.0000118	1.65	4.91	0.056	0.000417	5.65	0.00216	0.0581	0.000435	0.000203	0.000101	0.125	0.00000228	0.0001002	0.000747	0.00185	8.22E-11
2088 May	0.0833	0.0000124	1.75	5.2	0.0594	0.000441	5.98	0.00229	0.0614	0.000461	0.000215	0.000107	0.133	0.00000241	0.000108	0.000791	0.00196	8.62E-11
2088 Jun	0.0562	0.0000104	1.21	3.45	0.0345	0.000275	3.94	0.00172	0.0482	0.00025	0.00022	0.0000728	0.0841	0.00000202	0.0000798	0.000607	0.0019	1.38E-10
2088 Jul	0.0576	0.0000116	1.24	3.13	0.0316	0.000246	3.9	0.00171	0.053	0.000226	0.000256	0.0000717	0.0814	0.00000227	0.00008	0.000647	0.00223	1.16E-10
2088 Aug	0.0676	0.0000137	1.46	3.66	0.0366	0.000295	4.6	0.002	0.0626	0.000261	0.000297	0.0000842	0.0957	0.00000269	0.0000942	0.000749	0.00262	1.31E-10
2088 Sep	0.0658	0.0000137	1.44	3.63	0.0342	0.000311	4.51	0.00199	0.0623	0.000238	0.000287	0.0000826	0.0936	0.00000268	0.0000945	0.000711	0.00257	1.04E-10
2088 Oct	0.0512	0.0000113	1.2	3.67	0.0228	0.000409	3.86	0.00183	0.053	0.000131	0.000193	0.0000685	0.0793	0.00000218	0.0000937	0.00047	0.00187	7.92E-11

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.0498	0.0000111	1.19	3.83	0.0215	0.000452	3.9	0.00186	0.0525	0.000116	0.000174	0.0000678	0.0796	0.00000212	0.0000971	0.000431	0.00174	1.11E-10
2088 Dec	0.0499	0.0000111	1.19	3.84	0.0216	0.000453	3.92	0.00187	0.0525	0.000116	0.000174	0.000068	0.0798	0.00000212	0.0000974	0.000432	0.00174	1.14E-10
2089 Jan	0.05	0.0000111	1.19	3.85	0.0217	0.000454	3.92	0.00187	0.0526	0.000116	0.000174	0.000068	0.08	0.00000212	0.0000975	0.000433	0.00174	1.15E-10
2089 Feb	0.0501	0.0000111	1.2	3.86	0.0218	0.000454	3.93	0.00187	0.0526	0.000117	0.000174	0.0000681	0.0802	0.00000212	0.0000975	0.000434	0.00174	1.16E-10
2089 Mar	0.0503	0.0000111	1.2	3.87	0.022	0.000456	3.95	0.00188	0.0528	0.000118	0.000175	0.0000684	0.0805	0.00000213	0.0000979	0.000436	0.00175	1.17E-10
2089 Apr	0.0512	0.0000113	1.22	3.94	0.0224	0.000463	4.01	0.00191	0.0536	0.00012	0.000178	0.0000695	0.0819	0.00000216	0.0000995	0.000444	0.00178	1.18E-10
2089 May	0.0667	0.0000112	1.46	4.37	0.043	0.000426	4.97	0.002	0.0553	0.000312	0.000194	0.0000865	0.107	0.00000217	0.0000989	0.000646	0.00181	1.36E-10
2089 Jun	0.0972	0.0000104	1.88	4.8	0.0859	0.000286	6.73	0.00199	0.0556	0.000721	0.000226	0.000117	0.154	0.00000207	0.0000875	0.00107	0.00184	1.6E-10
2089 Jul	0.0979	0.0000112	1.89	4.79	0.083	0.000291	6.68	0.00204	0.0587	0.000696	0.000235	0.000117	0.152	0.00000222	0.0000898	0.00105	0.00196	1.22E-10
2089 Aug	0.097	0.0000122	1.9	4.98	0.0778	0.000321	6.63	0.00217	0.0615	0.000648	0.000238	0.000117	0.149	0.00000239	0.0000957	0.000988	0.00205	1.23E-10
2089 Sep	0.0872	0.0000119	1.76	5.1	0.0664	0.000375	6.09	0.00221	0.0591	0.000538	0.000217	0.00011	0.137	0.00000232	0.0000999	0.000846	0.00191	1E-10
2089 Oct	0.0638	0.0000108	1.43	5.11	0.0405	0.00051	4.92	0.00219	0.053	0.000286	0.000157	0.0000887	0.107	0.00000204	0.000108	0.000537	0.00151	1.21E-10
2089 Nov	0.0629	0.0000108	1.42	5.12	0.0389	0.000529	4.93	0.0022	0.0535	0.000269	0.000153	0.0000877	0.107	0.00000205	0.00011	0.000521	0.0015	1.34E-10
2089 Dec	0.063	0.0000108	1.43	5.13	0.039	0.00053	4.94	0.00221	0.0536	0.000269	0.000153	0.0000879	0.107	0.00000205	0.00011	0.000522	0.0015	1.36E-10
2090 Jan	0.0631	0.0000108	1.43	5.13	0.039	0.00053	4.95	0.00221	0.0536	0.00027	0.000153	0.000088	0.107	0.00000205	0.00011	0.000523	0.0015	1.37E-10
2090 Feb	0.0632	0.0000109	1.43	5.14	0.0392	0.000531	4.96	0.00221	0.0537	0.00027	0.000154	0.0000881	0.107	0.00000205	0.00011	0.000524	0.0015	1.37E-10
2090 Mar	0.0634	0.0000109	1.44	5.16	0.0393	0.000532	4.97	0.00222	0.0538	0.000271	0.000154	0.0000883	0.107	0.00000206	0.000111	0.000526	0.00151	1.37E-10
2090 Apr	0.064	0.000011	1.45	5.21	0.0398	0.000537	5.02	0.00224	0.0543	0.000274	0.000156	0.0000892	0.109	0.00000208	0.000112	0.000532	0.00152	1.39E-10
2090 May	0.0677	0.0000113	1.52	5.55	0.0437	0.000554	5.27	0.00236	0.0561	0.000305	0.000166	0.000095	0.115	0.00000214	0.000117	0.000577	0.00158	1.39E-10
2090 Jun	0.0712	0.00000964	1.48	4.08	0.0563	0.000268	5.2	0.00185	0.0477	0.000453	0.000217	0.0000921	0.112	0.00000198	0.0000825	0.000788	0.00179	2.32E-10
2090 Jul	0.0715	0.0000107	1.48	3.82	0.0522	0.000254	5.04	0.00184	0.052	0.000417	0.000241	0.0000898	0.108	0.00000218	0.0000829	0.000795	0.00204	1.74E-10
2090 Aug	0.0555	0.0000106	1.27	3.6	0.033	0.000344	4.25	0.00176	0.0474	0.000237	0.00017	0.0000773	0.0883	0.00000206	0.0000817	0.000483	0.00167	1.04E-10
2090 Sep	0.0515	0.0000102	1.26	3.82	0.0286	0.000431	4.37	0.00181	0.0468	0.000186	0.000139	0.0000755	0.0874	0.00000202	0.0000894	0.000403	0.00149	1.49E-10
2090 Oct	0.0494	0.00000976	1.24	3.85	0.0249	0.0005	4.49	0.00178	0.0477	0.000148	0.000111	0.0000703	0.0863	0.00000196	0.0000962	0.000358	0.00133	1.92E-10
2090 Nov	0.0492	0.00000962	1.23	3.77	0.0243	0.000507	4.51	0.00175	0.048	0.000143	0.000105	0.0000684	0.0857	0.00000194	0.0000964	0.000352	0.0013	1.97E-10
2090 Dec	0.0494	0.00000965	1.23	3.78	0.0245	0.000508	4.52	0.00175	0.0481	0.000144	0.000106	0.0000687	0.0861	0.00000194	0.0000967	0.000355	0.0013	1.98E-10
2091 Jan	0.0496	0.00000965	1.24	3.79	0.0247	0.000508	4.53	0.00176	0.0481	0.000145	0.000106	0.0000689	0.0863	0.00000194	0.0000967	0.000357	0.0013	1.99E-10
2091 Feb	0.0497	0.00000966	1.24	3.8	0.0249	0.000508	4.54	0.00176	0.0482	0.000146	0.000107	0.000069	0.0866	0.00000194	0.0000968	0.000359	0.00131	1.99E-10
2091 Mar	0.05	0.0000097	1.24	3.82	0.0251	0.00051	4.57	0.00177	0.0484	0.000148	0.000107	0.0000694	0.0871	0.00000195	0.0000972	0.000362	0.00131	2E-10
2091 Apr	0.051	0.00000988	1.27	3.89	0.0256	0.000519	4.66	0.0018	0.0493	0.000151	0.000109	0.0000707	0.0888	0.00000199	0.000099	0.000369	0.00134	2.04E-10
2091 May	0.0605	0.0000103	1.42	4.24	0.0367	0.000507	5.18	0.00191	0.052	0.000251	0.00013	0.0000813	0.103	0.00000207	0.000101	0.000495	0.00145	1.96E-10
2091 Jun	0.0819	0.00000957	1.65	4.17	0.0692	0.00027	5.97	0.00183	0.0499	0.000574	0.000207	0.000101	0.13	0.00000198	0.0000818	0.000893	0.00173	2.06E-10
2091 Jul	0.0941	0.0000113	1.88	4.68	0.0783	0.000299	6.73	0.00207	0.0585	0.000649	0.000245	0.000115	0.147	0.00000232	0.0000929	0.00103	0.00206	2E-10
2091 Aug	0.077	0.000011	1.6	4.19	0.0583	0.000324	5.55	0.00191	0.0536	0.000467	0.000205	0.0000982	0.121	0.00000218	0.0000867	0.000776	0.00185	9.82E-11
2091 Sep	0.0621	0.0000108	1.43	4.24	0.0422	0.000415	4.86	0.00194	0.0495	0.000306	0.000164	0.0000894	0.105	0.00000209	0.0000902	0.000548	0.00162	7.22E-11
2091 Oct	0.0557	0.0000104	1.35	4.48	0.0347	0.000484	4.62	0.002	0.0482	0.00023	0.000142	0.0000836	0.0978	0.00000199	0.0000976	0.000456	0.00146	9.15E-11
2091 Nov	0.053	0.0000101	1.31	4.5	0.0304	0.000526	4.63	0.002	0.0485	0.000189	0.000126	0.0000791	0.0945	0.00000196	0.000103	0.000413	0.00137	1.37E-10
2091 Dec	0.053	0.0000101	1.31	4.51	0.0303	0.00053	4.63	0.002	0.0486	0.000188	0.000126	0.000079	0.0946	0.00000196	0.000103	0.000412	0.00137	1.38E-10
2092 Jan	0.0531	0.0000101	1.31	4.52	0.0305	0.00053	4.65	0.00201	0.0487	0.000189	0.000126	0.0000791	0.0948	0.00000196	0.000103	0.000414	0.00137	1.39E-10
2092 Feb	0.0533	0.0000101	1.32	4.53	0.0307	0.00053	4.66	0.00201	0.0488	0.00019	0.000127	0.0000793	0.0951	0.00000196	0.000103	0.000416	0.00137	1.39E-10
2092 Mar	0.0537	0.0000101	1.33	4.55	0.031	0.000533	4.69	0.00202	0.049	0.000192	0.000127	0.0000798	0.0958	0.00000198	0.000104	0.00042	0.00138	1.4E-10
2092 Apr	0.0546	0.0000103	1.35	4.62	0.0316	0.000541	4.77	0.00205	0.0498	0.000195	0.000129	0.000081	0.0974	0.00000201	0.000105	0.000427	0.0014	1.42E-10
2092 May	0.0648	0.0000106	1.51	5.04	0.044	0.000522	5.33	0.00218	0.0522	0.000309	0.000153	0.0000927	0.113	0.00000207	0.000108	0.000568	0.00151	1.4E-10
2092 Jun	0.0694	0.00000893	1.43	3.55	0.0559	0.000231	5.16	0.00164	0.045	0.000458	0.000199	0.0000872	0.109	0.00000188	0.0000738	0.000766	0.00168	2.1E-10
2092 Jul	0.0659	0.0000101	1.35	3.23	0.0472	0.000213	4.61	0.00162	0.0486	0.000379	0.000227	0.0000807	0.0978	0.00000204	0.0000731	0.000737	0.00194	1.29E-10
2092 Aug	0.0712	0.0000113	1.48	3.6	0.0496	0.00025	4.98	0.0018	0.0539	0.000394	0.000245	0.0000882	0.106	0.00000228	0.0000818	0.000779	0.00213	1.19E-10
2092 Sep	0.0642	0.0000112	1.4	3.99	0.0424	0.000312	4.56	0.00192	0.0518	0.000319	0.000228	0.0000862	0.0992	0.0000022	0.0000873	0.000669	0.002	7.27E-11
2092 Oct	0.0588	0.0000111	1.35	4.76	0.0374	0.000401	4.31	0.00217	0.0502	0.000259	0.000214	0.0000872	0.0964	0.00000212	0.0000989	0.000584	0.00185	5.66E-11
2092 Nov	0.0579	0.0000111	1.35	4.97	0.0364	0.000429	4.3	0.00224	0.0503	0.000246	0.00021	0.0000879	0.0965	0.00000211	0.000103	0.000567	0.00181	5.83E-11
2092 Dec	0.058	0.0000111	1.35	4.98	0.0364	0.00043	4.31	0.00224	0.0504	0.000246	0.00021	0.000088	0.0967	0.00000211	0.000103	0.000567	0.00181	5.94E-11
2093 Jan	0.0581	0.0000111	1.35	4.98	0.0365	0.000431	4.31	0.00224	0.0504	0.000246	0.00021	0.0000881	0.0968	0.00000211	0.000103	0.000568	0.00181	5.99E-11
2093 Feb	0.0582	0.0000112	1.35	4.99	0.0366	0.000431	4.32	0.00225	0.0504	0.000247	0.00021	0.0000882	0.097	0.00000211	0.000103	0.000569	0.00181	6.02E-11
2093 Mar	0.0587	0.0000112	1.36	5.03	0.037	0.000434	4.36	0.00226	0.0508	0.000249	0.000212	0.0000889	0.0979	0.00000213	0.000104	0.000574	0.00183	6.07E-11
2093 Apr	0.0597	0.0000114	1.39	5.11	0.0376	0.000441	4.43	0.0023	0.0517	0.000254	0.000216	0.0000904	0.0996	0.00000216	0.000105	0.000584	0.00186	6.16E-11
2093 May	0.068	0.0000116	1.53	5.76	0.0482	0.000463	4.96	0.0025	0.0537	0.000344	0.000228	0.000102	0.115	0.00000219	0.000112	0.000687	0.00189	5.74E-11
2093 Jun	0.0797	0.00000953	1.61	4.41	0.0678	0.000272	5.77	0.00192	0.0486	0.000558	0.000215	0.000102	0.127	0.00000195	0.0000839	0.000881	0.00174	1.73E-10
2093 Jul	0.0846	0.0000107	1.71	4.45	0.0691	0.000276	6	0.00199	0.054	0.000568	0.000238	0.000106	0.132	0.00000219	0.0000879	0.000929	0.00197	1.52E-10
2093 Aug	0.0883	0.0000117	1.78	4.55	0.0695	0.000292	6.17	0.00207	0.0583	0.000571	0.000249	0.000109	0.136	0.00000236	0.0000919	0.000945	0.00212	1.21E-10
2093 Sep	0.0798	0.0000116	1.65	4.59	0.0593	0.00034	5.63	0.00207	0.0565	0.000474	0.000226	0.000102	0.125	0.00000228	0.0000943	0.000814	0.00198	8E-11
2093 Oct	0.0592	0.0000105	1.35	4.73	0.0361	0.000492	4.61	0.00207	0.0513	0.000246	0.000156	0.0000825	0.0998	0.00000199	0.000104	0.000511	0.00151	5.66E-11
2093 Nov	0.0564	0.0000103	1.32	4.68	0.032	0.000536	4.58	0.00204	0.0516	0.000204	0.000137	0.0000786	0.0969	0.00000196	0.000107	0.000455	0.00142	5.64E-11
2093 Dec	0.0566	0.0000103	1.33	4.69	0.0321	0.000537	4.6	0.00205	0.0517	0.000206	0.000137	0.0000789	0.0972	0.00000197	0.000107	0.000458	0.00142	5.84E-11
2094 Jan	0.0567	0.0000103	1.33	4.69	0.0323	0.000537	4.61	0.00205	0.0518	0.000207	0.000137	0.000079	0.0975	0.00000197	0.000107	0.00046	0.00142	5.89E-11
2094 Feb	0.0569	0.0000103	1.33	4.7	0.0325	0.000537	4.62	0.00205	0.0518	0.000208	0.000138	0.0000791	0.0978	0.00000197	0.000107	0.000462	0.00142	5.92E-11
2094 Mar	0.0572	0.0000104	1.34	4.72	0.0328	0.000539	4.65	0.00206	0.052	0.00021	0.000138	0.0000795	0.0983	0.00000198	0.000107	0.000465	0.00143	5.95E-11
2094 Apr	0.0579	0.0000105	1.35	4.78	0.0332	0.000545	4.7	0.00208	0.0526	0.000212	0.00014	0.0000804	0.0995	0.000002	0.000109	0.00047	0.00145	6.02E-11
2094 May	0.0692	0.0000104	1.52	5.02	0.0491	0.000485	5.38	0.00214	0.0529	0.000363	0.000165	0.0000935	0.117	0.00000202	0.000106	0.000643	0.00154	9.79E-11
2094 Jun	0.0949	0.0000103	1.88	5.27	0.0842	0.000328	6.77	0.00217	0.0544	0.000699	0.000224	0.00012	0.154	0.00000207	0.0000951	0.00103	0.00179	1.44E-10
2094 Jul	0.111	0.0000122	2.2	6.11	0.0977	0.000378	7.83	0.00253	0.0645	0.000811	0.000266	0.00014	0.179	0.00000245	0.000111	0.00121	0.00214	1.43E-10
2094 Aug	0.131	0.0000146	2.6	7.19	0.115	0.000449	9.25	0.00299	0.0768	0.000953	0.000315	0.000165	0.211	0.00000293	0.000131	0.00143	0.00254	1.63E-10
2094 Sep	0.108	0.0000134	2.2	6.67	0.0907	0.000466	7.64	0.00277	0.0683	0.000734	0.000271	0.000141	0.176	0.00000261	0.000124	0.00114	0.00223	8.48E-11
2094 Oct	0.0792	0.0000117	1.72	6.23	0.059	0.000546	5.85	0.00258	0.0587	0.000439	0.000203	0.000111	0.135	0.00000221	0.000122	0.000765	0.00176	4.77E-11
2094 Nov	0.0611	0.0000108	1.44	5.82	0.0379	0.000619	4.86	0.00242	0.0541	0.000242	0.000151	0.0000906	0.109	0.000002	0.000122	0.000513	0.00144	3.88E-11
2094 Dec	0.0602	0.0000108	1.43	5.78	0.0367	0.000623	4.83	0.0024	0.054	0.000231	0.000148	0.0000894	0.108	0.00000199	0.000122	0.0005	0.00143	4.35E-11
2095 Jan	0.0603	0.0000108	1.43	5.79	0.0369	0.000623	4.84	0.00241	0.054	0.000232	0.000148	0.0000896	0.108	0.00000199	0.000123	0.000501	0.00143	4.44E-11
2095 Feb	0.0605	0.0000108	1.43	5.8	0.0372	0.000624	4.86	0.00241	0.0541	0.000233	0.000148	0.0000897	0.108	0.000002	0.000123	0.000504	0.00143	4.49E-11
2095 Mar	0.0608	0.0000108	1.44	5.82	0.0374	0.000625	4.87	0.00242	0.0542	0.000234	0.000149	0.00009	0.109	0.000002	0.000123	0.000506	0.00143	4.5E-11

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0617	0.000011	1.46	5.9	0.038	0.000633	4.95	0.00245	0.055	0.000238	0.000151	0.0000913	0.111	0.00000203	0.000125	0.000514	0.00145	4.57E-11
2095 May	0.0746	0.0000108	1.62	5.78	0.0553	0.000542	5.61	0.00237	0.0557	0.000408	0.000173	0.000102	0.128	0.00000204	0.000116	0.000703	0.00155	4.22E-11
2095 Jun	0.102	0.000011	2	5.79	0.0898	0.000389	7.07	0.00233	0.0592	0.00074	0.000227	0.000127	0.165	0.00000214	0.000104	0.00109	0.00183	4.76E-11
2095 Jul	0.115	0.0000128	2.27	6.46	0.101	0.000433	8	0.00262	0.0681	0.000832	0.000259	0.000143	0.186	0.00000248	0.000117	0.00123	0.00211	4.79E-11
2095 Aug	0.0965	0.0000118	1.92	5.23	0.0789	0.000377	6.69	0.0022	0.0606	0.00065	0.000214	0.000119	0.153	0.00000229	0.0000992	0.000963	0.00188	2.15E-11
2095 Sep	0.0822	0.0000115	1.72	4.88	0.0627	0.00041	5.95	0.0021	0.0563	0.000499	0.000182	0.000107	0.133	0.00000222	0.0000967	0.000759	0.00172	1.9E-11
2095 Oct	0.0772	0.0000114	1.66	4.99	0.0572	0.000443	5.7	0.00215	0.0552	0.000444	0.000173	0.000104	0.128	0.00000219	0.0000997	0.000692	0.00166	1.85E-11
2095 Nov	0.0674	0.000011	1.53	5.24	0.0465	0.000509	5.19	0.00223	0.0527	0.000337	0.000155	0.0000969	0.116	0.00000208	0.000106	0.000569	0.00152	2.17E-11
2095 Dec	0.066	0.000011	1.51	5.31	0.0449	0.000525	5.13	0.00226	0.0526	0.00032	0.000153	0.0000961	0.115	0.00000207	0.000108	0.000551	0.0015	2.67E-11
2096 Jan	0.0662	0.000011	1.51	5.32	0.045	0.000526	5.14	0.00226	0.0526	0.00032	0.000153	0.0000962	0.115	0.00000208	0.000108	0.000552	0.0015	2.77E-11
2096 Feb	0.0664	0.000011	1.52	5.34	0.0453	0.000526	5.16	0.00227	0.0527	0.000321	0.000154	0.0000964	0.115	0.00000208	0.000108	0.000556	0.0015	2.81E-11
2096 Mar	0.0667	0.0000111	1.53	5.36	0.0456	0.000528	5.18	0.00227	0.0529	0.000323	0.000154	0.0000967	0.116	0.00000208	0.000109	0.000558	0.00151	2.82E-11
2096 Apr	0.0676	0.0000112	1.55	5.43	0.0463	0.000535	5.25	0.0023	0.0536	0.000327	0.000156	0.000098	0.117	0.00000211	0.00011	0.000566	0.00153	2.86E-11
2096 May	0.0745	0.0000115	1.67	6.15	0.0556	0.000548	5.64	0.00254	0.0551	0.000406	0.00018	0.000109	0.13	0.00000214	0.000118	0.000673	0.00161	3.13E-11
2096 Jun	0.0618	0.00000939	1.32	3.62	0.0453	0.000255	4.62	0.00173	0.0452	0.000355	0.00021	0.0000815	0.0963	0.00000194	0.0000785	0.000684	0.00177	1.77E-10
2096 Jul	0.0626	0.0000107	1.34	3.32	0.0407	0.00024	4.55	0.00173	0.0505	0.000314	0.000241	0.0000795	0.0926	0.00000221	0.0000799	0.000701	0.00209	1.65E-10
2096 Aug	0.0702	0.0000123	1.51	3.72	0.0447	0.000277	5.09	0.00195	0.0575	0.000342	0.00027	0.0000892	0.104	0.00000252	0.0000903	0.000775	0.00236	1.69E-10
2096 Sep	0.0596	0.0000115	1.34	3.74	0.0338	0.000352	4.42	0.00188	0.0538	0.000237	0.000219	0.0000788	0.0914	0.00000228	0.0000912	0.000598	0.00202	8.88E-11
2096 Oct	0.0487	0.0000104	1.19	4.08	0.0217	0.000513	3.98	0.00187	0.0509	0.000113	0.000138	0.0000678	0.0823	0.00000198	0.000101	0.000378	0.00148	3.15E-11
2096 Nov	0.0487	0.0000104	1.2	4.13	0.021	0.000541	4.05	0.00188	0.0517	0.000104	0.000128	0.0000673	0.0832	0.00000198	0.000103	0.000361	0.00144	2.76E-11
2096 Dec	0.0489	0.0000105	1.2	4.14	0.0211	0.000542	4.06	0.00189	0.0517	0.000106	0.000128	0.0000676	0.0835	0.00000199	0.000104	0.000363	0.00144	2.83E-11
2097 Jan	0.049	0.0000105	1.2	4.15	0.0213	0.000542	4.07	0.00189	0.0518	0.000107	0.000128	0.0000677	0.0837	0.00000199	0.000104	0.000365	0.00144	2.86E-11
2097 Feb	0.0491	0.0000105	1.2	4.16	0.0215	0.000542	4.08	0.00189	0.0518	0.000108	0.000129	0.0000678	0.0839	0.00000199	0.000104	0.000367	0.00144	2.88E-11
2097 Mar	0.0493	0.0000105	1.21	4.17	0.0216	0.000543	4.09	0.0019	0.0519	0.000109	0.000129	0.000068	0.0842	0.00000199	0.000104	0.000368	0.00144	2.89E-11
2097 Apr	0.0502	0.0000107	1.23	4.24	0.022	0.000552	4.17	0.00193	0.0528	0.000111	0.000131	0.0000692	0.0857	0.00000203	0.000106	0.000375	0.00147	2.94E-11
2097 May	0.0595	0.000011	1.38	4.56	0.0329	0.000545	4.73	0.00202	0.0554	0.00021	0.000146	0.0000794	0.1	0.0000021	0.000108	0.000491	0.00155	2.68E-11
2097 Jun	0.0855	0.0000102	1.73	4.64	0.0715	0.000325	6.18	0.00199	0.0533	0.000586	0.00021	0.000107	0.137	0.00000206	0.0000905	0.000916	0.00177	1.24E-10
2097 Jul	0.097	0.0000118	1.95	5.09	0.0798	0.000354	6.91	0.00221	0.0615	0.000655	0.000244	0.000119	0.153	0.00000238	0.000101	0.00104	0.00207	1.22E-10
2097 Aug	0.1	0.0000126	2.01	5.17	0.0802	0.000368	7.06	0.00227	0.0649	0.000658	0.000252	0.000122	0.157	0.00000253	0.000104	0.00105	0.00219	1.01E-10
2097 Sep	0.0971	0.0000128	1.97	5.08	0.076	0.00038	6.86	0.00225	0.0649	0.000619	0.000245	0.000119	0.152	0.00000254	0.000104	0.001	0.00217	7.9E-11
2097 Oct	0.0836	0.0000119	1.74	4.74	0.0616	0.000402	5.98	0.0021	0.0599	0.000488	0.00021	0.000104	0.132	0.00000234	0.0001	0.00082	0.00193	4.35E-11
2097 Nov	0.0756	0.0000115	1.61	4.62	0.0529	0.000431	5.51	0.00204	0.0574	0.000406	0.000187	0.0000961	0.121	0.00000222	0.0000998	0.000712	0.00178	3.17E-11
2097 Dec	0.0736	0.0000114	1.58	4.66	0.0507	0.000445	5.41	0.00205	0.0568	0.000385	0.000182	0.0000945	0.119	0.0000022	0.000101	0.000684	0.00174	3.22E-11
2098 Jan	0.0736	0.0000114	1.58	4.67	0.0508	0.000446	5.42	0.00206	0.0568	0.000385	0.000182	0.0000946	0.119	0.0000022	0.000101	0.000685	0.00174	3.3E-11
2098 Feb	0.0738	0.0000114	1.58	4.69	0.0511	0.000447	5.43	0.00206	0.0568	0.000386	0.000183	0.0000948	0.12	0.0000022	0.000101	0.000688	0.00174	3.33E-11
2098 Mar	0.0741	0.0000114	1.59	4.7	0.0513	0.000447	5.45	0.00207	0.0569	0.000387	0.000183	0.000095	0.12	0.0000022	0.000102	0.00069	0.00174	3.34E-11
2098 Apr	0.0747	0.0000115	1.6	4.76	0.0517	0.000453	5.49	0.00209	0.0574	0.000388	0.000184	0.0000957	0.121	0.00000222	0.000103	0.000695	0.00175	3.27E-11
2098 May	0.0862	0.0000111	1.76	5.06	0.0685	0.000409	6.16	0.00214	0.0576	0.000536	0.0002	0.000107	0.139	0.00000217	0.0001	0.000865	0.00177	4.04E-11
2098 Jun	0.0847	0.00000934	1.68	4.09	0.0734	0.000244	6.15	0.00178	0.0494	0.000613	0.000207	0.000103	0.134	0.00000197	0.0000788	0.000933	0.00172	1.84E-10
2098 Jul	0.0982	0.0000112	1.94	4.64	0.0836	0.000277	7.03	0.00205	0.0585	0.000699	0.000247	0.000118	0.153	0.00000233	0.0000909	0.00108	0.00207	1.89E-10
2098 Aug	0.0866	0.0000112	1.75	4.12	0.0691	0.000286	6.14	0.00187	0.0561	0.000569	0.00022	0.000105	0.134	0.00000226	0.0000846	0.000905	0.00196	9.76E-11
2098 Sep	0.0619	0.0000103	1.4	4.06	0.0413	0.000422	4.8	0.00183	0.0498	0.0003	0.000151	0.0000839	0.103	0.000002	0.0000899	0.000546	0.00153	3.49E-11
2098 Oct	0.0549	0.00000999	1.31	4.26	0.0315	0.000519	4.63	0.0019	0.0498	0.000202	0.000121	0.0000765	0.0955	0.00000194	0.0001	0.000431	0.00136	6.6E-11
2098 Nov	0.055	0.00000991	1.32	4.32	0.0314	0.00053	4.76	0.00192	0.05	0.000201	0.00012	0.0000767	0.0962	0.00000196	0.000103	0.000433	0.00135	1.06E-10
2098 Dec	0.0552	0.00000994	1.33	4.34	0.0316	0.000531	4.78	0.00193	0.0502	0.000202	0.000121	0.000077	0.0965	0.00000196	0.000103	0.000436	0.00135	1.06E-10
2099 Jan	0.0554	0.00000995	1.33	4.35	0.0318	0.000531	4.79	0.00193	0.0503	0.000203	0.000121	0.0000771	0.0968	0.00000196	0.000103	0.000438	0.00135	1.05E-10
2099 Feb	0.0556	0.00000995	1.34	4.36	0.032	0.000532	4.8	0.00194	0.0503	0.000205	0.000121	0.0000773	0.0971	0.00000196	0.000103	0.00044	0.00136	1.05E-10
2099 Mar	0.056	0.00001	1.34	4.38	0.0323	0.000534	4.83	0.00195	0.0506	0.000206	0.000122	0.0000777	0.0978	0.00000197	0.000104	0.000443	0.00136	1.06E-10
2099 Apr	0.0581	0.00000103	1.39	4.53	0.034	0.000549	4.98	0.002	0.052	0.000213	0.000125	0.0000797	0.101	0.00000202	0.000107	0.000462	0.00139	1.03E-10
2099 May	0.0938	0.00000973	1.87	5.15	0.0834	0.000367	6.84	0.00207	0.0535	0.000593	0.000186	0.000107	0.154	0.00000196	0.0000944	0.000979	0.00157	1.1E-10
2099 Jun	0.0959	0.00000966	1.87	4.76	0.087	0.000276	6.79	0.00196	0.0525	0.000699	0.000213	0.000113	0.153	0.00000198	0.0000852	0.00105	0.00172	1.27E-10
2099 Jul	0.107	0.0000113	2.07	5.24	0.0947	0.000301	7.39	0.00218	0.0602	0.000761	0.000248	0.000125	0.168	0.00000228	0.0000949	0.00117	0.00201	1.05E-10
2099 Aug	0.11	0.0000124	2.16	5.54	0.095	0.000345	7.65	0.00234	0.0648	0.000758	0.000257	0.000131	0.174	0.00000249	0.000103	0.00118	0.00215	8.55E-11
2099 Sep	0.0826	0.0000113	1.73	4.93	0.065	0.000399	5.97	0.00212	0.0557	0.000494	0.000196	0.000106	0.135	0.00000219	0.0000969	0.000809	0.00177	3.45E-11
2099 Oct	0.066	0.0000106	1.48	4.75	0.0452	0.000485	5.09	0.00205	0.0523	0.000315	0.000151	0.0000894	0.112	0.00000203	0.000101	0.000578	0.00151	2.07E-11
2099 Nov	0.0608	0.0000104	1.41	4.78	0.0386	0.000529	4.87	0.00206	0.0517	0.000254	0.000137	0.0000844	0.106	0.00000198	0.000105	0.000504	0.00142	2.53E-11
2099 Dec	0.0611	0.0000104	1.41	4.79	0.0388	0.00053	4.9	0.00207	0.0518	0.000256	0.000137	0.0000846	0.106	0.00000198	0.000105	0.000507	0.00142	2.64E-11
2100 Jan	0.0612	0.0000104	1.42	4.8	0.039	0.00053	4.91	0.00207	0.0518	0.000257	0.000137	0.0000848	0.106	0.00000198	0.000105	0.000509	0.00142	2.66E-11
2100 Feb	0.0614	0.0000104	1.42	4.81	0.0393	0.00053	4.92	0.00207	0.0519	0.000258	0.000138	0.0000849	0.107	0.00000198	0.000105	0.000511	0.00142	2.68E-11
2100 Mar	0.0616	0.0000104	1.42	4.82	0.0395	0.000531	4.93	0.00208	0.052	0.000259	0.000138	0.0000851	0.107	0.00000199	0.000105	0.000513	0.00142	2.69E-11
2100 Apr	0.0628	0.0000106	1.45	4.91	0.0403	0.000541	5.03	0.00212	0.0529	0.000265	0.000141	0.0000867	0.109	0.00000202	0.000107	0.000524	0.00145	2.74E-11
2100 May	0.0777	0.0000106	1.66	5.37	0.0602	0.000482	5.79	0.00222	0.0546	0.000456	0.000174	0.000103	0.131	0.00000204	0.000107	0.000746	0.00157	3.41E-11
2100 Jun	0.0779	0.0000091	1.57	3.98	0.0659	0.000253	5.73	0.00176	0.0473	0.000544	0.0002	0.000097	0.123	0.00000191	0.0000785	0.000854	0.00167	1.66E-10
2100 Jul	0.0777	0.00000994	1.56	3.84	0.0625	0.000243	5.53	0.00176	0.0503	0.000514	0.00022	0.0000952	0.12	0.00000205	0.000079	0.000857	0.00186	1.28E-10
2100 Aug	0.0675	0.0000101	1.41	3.71	0.0496	0.000279	4.81	0.00173	0.0484	0.000394	0.000196	0.0000864	0.105	0.00000201	0.0000781	0.000689	0.00174	5.53E-11
2100 Sep	0.0608	0.0000104	1.35	3.85	0.0412	0.000349	4.55	0.0018	0.0477	0.000308	0.000173	0.0000837	0.0986	0.00000201	0.0000827	0.000564	0.00164	3.03E-11
2100 Oct	0.0591	0.0000105	1.35	4.02	0.0389	0.000384	4.51	0.00186	0.048	0.000281	0.000166	0.0000836	0.0977	0.00000202	0.0000867	0.00053	0.00161	2.58E-11
2100 Nov	0.0589	0.0000105	1.35	4.08	0.0385	0.000394	4.52	0.00188	0.0482	0.000277	0.000165	0.0000838	0.0979	0.00000203	0.000088	0.000524	0.00161	2.53E-11
2100 Dec	0.059	0.0000105	1.35	4.09	0.0385	0.000396	4.53	0.00188	0.0483	0.000277	0.000165	0.000084	0.0981	0.00000203	0.0000883	0.000525	0.00161	2.54E-11
2101 Jan	0.0591	0.0000105	1.36	4.1	0.0386	0.000396	4.53	0.00189	0.0484	0.000277	0.000166	0.0000841	0.0983	0.00000203	0.0000884	0.000526	0.00161	2.55E-11
2101 Feb	0.0592	0.0000106	1.36	4.11	0.0387	0.000396	4.54	0.00189	0.0484	0.000278	0.000166	0.0000842	0.0984	0.00000203	0.0000885	0.000527	0.00161	2.56E-11
2101 Mar	0.0593	0.0000106	1.36	4.11	0.0388	0.000397	4.55	0.00189	0.0484	0.000278	0.000166	0.0000843	0.0986	0.00000204	0.0000886	0.000528	0.00161	2.57E-11
2101 Apr	0.06	0.0000107	1.37	4.16	0.0393	0.000401	4.6	0.00191	0.049	0.000281	0.000168	0.0000852	0.0997	0.00000206	0.0000896	0.000534	0.00163	2.59E-11
2101 May	0.078	0.0000106	1.64	4.81	0.0626	0.000375	5.68	0.00207	0.0519	0.000494	0.000194	0.000104	0.128	0.00000206	0.000093	0.000783	0.0017	4.29E-11
2101 Jun	0.0846	0.00000956	1.7	4.37	0.0733	0.00027	6.14	0.00189	0.0498	0.000608	0.00021	0.000106	0.135	0.00000198	0.000083	0.000926	0.00173	1.47E-10
2101 Jul	0.0978	0.0000114	1.96	5	0.0836	0.000309	7.06	0.00218	0.0587	0.000693	0.000249	0.000122	0.155	0.00000235	0.0000963	0.00107	0.00206	1.63E-10
2101 Aug	0.11	0.000013	2.21	5.61	0.0929	0.000355	7.92	0.00246	0.0669	0.000768	0.00028	0.000137	0.174	0.00000268	0.000109	0.00119	0.00234	1.7E-10

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.089	0.000012	1.84	4.93	0.0706	0.000371	6.38	0.00218	0.0595	0.000567	0.000231	0.000114	0.142	0.00000238	0.0000989	0.000921	0.00203	7.09E-11
2101 Oct	0.0798	0.0000116	1.7	4.97	0.0604	0.000419	5.82	0.00218	0.057	0.000469	0.000208	0.000105	0.13	0.00000226	0.000101	0.000795	0.00187	4.6E-11
2101 Nov	0.0683	0.000011	1.53	5.09	0.0474	0.00049	5.17	0.00219	0.054	0.000344	0.000177	0.000095	0.116	0.0000021	0.000106	0.000635	0.00165	2.61E-11
2101 Dec	0.0666	0.000011	1.5	5.14	0.0453	0.000507	5.08	0.00221	0.0538	0.000322	0.000172	0.0000936	0.114	0.00000208	0.000108	0.000609	0.00161	2.37E-11
2102 Jan	0.0667	0.000011	1.51	5.15	0.0455	0.000508	5.09	0.00221	0.0538	0.000322	0.000172	0.0000937	0.114	0.00000208	0.000108	0.00061	0.00161	2.4E-11
2102 Feb	0.0669	0.000011	1.51	5.16	0.0457	0.000508	5.11	0.00222	0.0538	0.000324	0.000172	0.0000938	0.114	0.00000208	0.000108	0.000612	0.00161	2.41E-11
2102 Mar	0.0671	0.000011	1.51	5.17	0.0459	0.000509	5.12	0.00222	0.0539	0.000325	0.000172	0.000094	0.115	0.00000209	0.000108	0.000615	0.00162	2.42E-11
2102 Apr	0.0677	0.0000111	1.53	5.22	0.0464	0.000513	5.17	0.00224	0.0544	0.000328	0.000174	0.0000948	0.116	0.0000021	0.000109	0.000621	0.00163	2.44E-11
2102 May	0.0706	0.0000115	1.59	5.44	0.0484	0.000534	5.39	0.00233	0.0567	0.000342	0.000181	0.0000989	0.121	0.00000219	0.000114	0.000648	0.0017	2.54E-11
2102 Jun	0.0534	0.00000987	1.2	3.37	0.0324	0.000295	4.02	0.00169	0.0463	0.000231	0.000202	0.0000713	0.0824	0.00000198	0.0000806	0.000565	0.00179	9.77E-11
2102 Jul	0.0496	0.0000103	1.09	2.32	0.0252	0.000191	3.55	0.00141	0.0469	0.000181	0.000229	0.0000604	0.0683	0.00000211	0.0000678	0.000562	0.00205	1.12E-10
2102 Aug	0.0505	0.000011	1.12	2.28	0.0231	0.000212	3.58	0.00142	0.0497	0.000161	0.000226	0.0000608	0.0688	0.00000223	0.0000694	0.000533	0.00211	7.83E-11
2102 Sep	0.0476	0.0000109	1.09	2.25	0.0195	0.000257	3.48	0.00138	0.0491	0.000125	0.000195	0.0000584	0.0667	0.00000218	0.0000697	0.000448	0.00195	4.15E-11
2102 Oct	0.0453	0.0000101	1.09	2.89	0.0184	0.000396	3.69	0.0015	0.0478	0.000101	0.000137	0.0000587	0.0715	0.00000197	0.0000815	0.000353	0.00154	2.09E-11
2102 Nov	0.0466	0.0000101	1.12	3.05	0.0198	0.000415	3.83	0.00155	0.0484	0.000111	0.000135	0.0000607	0.0745	0.00000198	0.0000844	0.000363	0.00152	2.12E-11
2102 Dec	0.0468	0.0000101	1.12	3.06	0.0199	0.000417	3.85	0.00156	0.0486	0.000112	0.000135	0.0000609	0.0749	0.00000198	0.0000848	0.000365	0.00152	2.14E-11
2103 Jan	0.0469	0.0000101	1.13	3.07	0.0201	0.000417	3.86	0.00156	0.0486	0.000113	0.000135	0.0000611	0.0751	0.00000198	0.0000849	0.000367	0.00152	2.15E-11
2103 Feb	0.0471	0.0000101	1.13	3.08	0.0203	0.000417	3.87	0.00156	0.0487	0.000114	0.000136	0.0000612	0.0754	0.00000198	0.000085	0.000369	0.00152	2.16E-11
2103 Mar	0.0473	0.0000102	1.13	3.09	0.0205	0.000418	3.89	0.00157	0.0488	0.000115	0.000136	0.0000614	0.0757	0.00000199	0.0000852	0.00037	0.00153	2.16E-11
2103 Apr	0.0479	0.0000103	1.15	3.13	0.0208	0.000423	3.93	0.00159	0.0494	0.000117	0.000138	0.0000622	0.0767	0.00000201	0.0000862	0.000376	0.00155	2.19E-11
2103 May	0.0653	0.0000105	1.43	4.07	0.0438	0.000406	4.96	0.00186	0.0521	0.000324	0.000171	0.0000845	0.106	0.00000206	0.0000922	0.000614	0.00165	3.51E-11
2103 Jun	0.0793	0.00000937	1.6	4.07	0.0671	0.000254	5.75	0.0018	0.0484	0.000555	0.000208	0.0000988	0.125	0.00000194	0.0000798	0.000875	0.00172	1.35E-10
2103 Jul	0.0796	0.0000104	1.6	4.11	0.0629	0.000265	5.65	0.00188	0.0521	0.000516	0.000222	0.0000985	0.123	0.00000212	0.0000836	0.00085	0.00188	1.01E-10
2103 Aug	0.0671	0.0000108	1.37	3.65	0.043	0.00028	4.68	0.00175	0.0505	0.00035	0.000179	0.0000825	0.0992	0.00000211	0.0000792	0.000576	0.00169	2.01E-11
2103 Sep	0.0575	0.0000101	1.27	3.55	0.0326	0.000374	4.46	0.00169	0.0485	0.000242	0.000137	0.0000737	0.0901	0.00000201	0.0000842	0.00044	0.00147	5.07E-11
2103 Oct	0.0512	0.00000953	1.21	3.41	0.0252	0.000466	4.45	0.00161	0.0484	0.000162	0.000102	0.0000653	0.0849	0.00000193	0.0000906	0.00036	0.00129	1.03E-10
2103 Nov	0.0507	0.00000947	1.21	3.36	0.0244	0.000478	4.48	0.00159	0.0487	0.000153	0.0000968	0.0000641	0.0845	0.00000192	0.0000914	0.000354	0.00127	1.08E-10
2103 Dec	0.0508	0.00000948	1.21	3.38	0.0245	0.000479	4.49	0.0016	0.0488	0.000154	0.0000973	0.0000643	0.0848	0.00000192	0.0000917	0.000356	0.00127	1.07E-10
2104 Jan	0.051	0.00000949	1.22	3.38	0.0247	0.000479	4.5	0.0016	0.0488	0.000155	0.0000976	0.0000645	0.085	0.00000192	0.0000917	0.000357	0.00127	1.07E-10
2104 Feb	0.0511	0.00000949	1.22	3.39	0.0249	0.000479	4.51	0.0016	0.0489	0.000156	0.0000979	0.0000646	0.0853	0.00000192	0.0000918	0.000359	0.00127	1.07E-10
2104 Mar	0.0513	0.00000951	1.22	3.4	0.0251	0.00048	4.52	0.00161	0.049	0.000157	0.0000982	0.0000648	0.0856	0.00000193	0.000092	0.000361	0.00128	1.07E-10
2104 Apr	0.0523	0.00000969	1.25	3.47	0.0256	0.000489	4.61	0.00164	0.0499	0.00016	0.0001	0.000066	0.0873	0.00000196	0.0000938	0.000369	0.0013	1.09E-10
2104 May	0.073	0.00000993	1.55	4.22	0.0536	0.000417	5.63	0.00184	0.0525	0.000418	0.000151	0.0000905	0.119	0.000002	0.0000933	0.000679	0.0015	8.52E-11
2104 Jun	0.0822	0.00000917	1.64	4.04	0.0707	0.000254	5.96	0.00176	0.0485	0.00059	0.000198	0.0001	0.13	0.00000191	0.0000786	0.000895	0.00166	1.32E-10
2104 Jul	0.0881	0.0000104	1.73	4.17	0.0732	0.000259	6.16	0.00185	0.0542	0.000612	0.000223	0.000105	0.136	0.00000213	0.0000826	0.000955	0.00189	9.13E-11
2104 Aug	0.0843	0.0000109	1.68	4.03	0.0662	0.00028	5.89	0.00183	0.0551	0.000548	0.000212	0.000101	0.13	0.00000219	0.0000828	0.000866	0.00189	5.67E-11
2104 Sep	0.067	0.0000104	1.44	3.74	0.0467	0.000353	4.98	0.00173	0.0503	0.000362	0.000162	0.0000861	0.107	0.00000205	0.0000823	0.000607	0.00161	2.1E-11
2104 Oct	0.0569	0.00001	1.31	3.79	0.0339	0.000452	4.63	0.00174	0.0493	0.000235	0.000125	0.0000758	0.0953	0.00000196	0.0000906	0.000454	0.0014	2.97E-11
2104 Nov	0.0559	0.00000992	1.31	3.76	0.0322	0.000469	4.67	0.00173	0.0495	0.000219	0.000119	0.000074	0.0941	0.00000196	0.0000926	0.000437	0.00137	4.78E-11
2104 Dec	0.056	0.00000993	1.31	3.77	0.0323	0.00047	4.68	0.00174	0.0496	0.000219	0.000119	0.0000742	0.0943	0.00000196	0.0000928	0.000438	0.00138	4.77E-11
2105 Jan	0.0561	0.00000993	1.31	3.78	0.0324	0.00047	4.68	0.00174	0.0496	0.00022	0.000119	0.0000742	0.0945	0.00000196	0.0000928	0.00044	0.00138	4.77E-11
2105 Feb	0.0562	0.00000994	1.31	3.78	0.0325	0.00047	4.69	0.00174	0.0496	0.00022	0.00012	0.0000743	0.0947	0.00000196	0.0000929	0.000441	0.00138	4.76E-11
2105 Mar	0.0563	0.00000995	1.31	3.79	0.0326	0.000471	4.7	0.00174	0.0497	0.000221	0.00012	0.0000744	0.0949	0.00000196	0.000093	0.000442	0.00138	4.77E-11
2105 Apr	0.0569	0.00001	1.33	3.83	0.033	0.000476	4.75	0.00176	0.0502	0.000223	0.000121	0.0000752	0.0959	0.00000198	0.0000939	0.000447	0.00139	4.81E-11
2105 May	0.0732	0.0000101	1.56	4.44	0.0549	0.000423	5.6	0.00192	0.0522	0.000426	0.000158	0.0000939	0.121	0.000002	0.0000946	0.00069	0.00152	5.76E-11
2105 Jun	0.092	0.00001	1.83	4.8	0.0805	0.000315	6.6	0.00201	0.0535	0.000669	0.000208	0.000114	0.148	0.00000203	0.0000897	0.000986	0.00172	9.48E-11
2105 Jul	0.0965	0.000011	1.9	4.89	0.082	0.00032	6.75	0.00207	0.0577	0.000684	0.000221	0.000117	0.152	0.0000022	0.0000925	0.00102	0.00187	6.62E-11
2105 Aug	0.0752	0.0000105	1.55	4.2	0.0565	0.000334	5.38	0.00185	0.0513	0.000457	0.000172	0.0000954	0.119	0.00000205	0.0000842	0.000693	0.00161	1.95E-11
2105 Sep	0.0574	0.0000101	1.35	4.19	0.0367	0.000449	4.75	0.00189	0.0471	0.000259	0.00013	0.0000831	0.0989	0.00000197	0.000092	0.000452	0.00139	5.08E-11
2105 Oct	0.0527	0.0000097	1.29	4.25	0.0307	0.000499	4.62	0.0019	0.0469	0.000198	0.000116	0.0000772	0.0931	0.00000192	0.000098	0.000398	0.0013	9.72E-11
2105 Nov	0.0518	0.00000962	1.28	4.2	0.0289	0.000514	4.61	0.00188	0.0474	0.000182	0.000111	0.0000748	0.0917	0.00000191	0.0000995	0.000385	0.00128	1.02E-10
2105 Dec	0.0519	0.00000963	1.28	4.2	0.029	0.000514	4.62	0.00189	0.0475	0.000183	0.000111	0.0000749	0.0919	0.00000191	0.0000996	0.000386	0.00128	1.01E-10
2106 Jan	0.0521	0.00000963	1.28	4.21	0.0292	0.000514	4.63	0.00189	0.0475	0.000184	0.000112	0.000075	0.0921	0.00000191	0.0000997	0.000388	0.00128	1E-10
2106 Feb	0.0522	0.00000963	1.28	4.21	0.0294	0.000514	4.64	0.00189	0.0475	0.000185	0.000112	0.0000751	0.0923	0.00000192	0.0000997	0.00039	0.00128	1E-10
2106 Mar	0.0524	0.00000964	1.29	4.22	0.0296	0.000514	4.65	0.00189	0.0476	0.000186	0.000112	0.0000753	0.0926	0.00000192	0.0000998	0.000392	0.00129	1E-10
2106 Apr	0.0532	0.00000977	1.3	4.28	0.03	0.000521	4.71	0.00192	0.0483	0.000188	0.000114	0.0000763	0.094	0.00000194	0.000101	0.000398	0.0013	1.01E-10
2106 May	0.0617	0.0000102	1.44	4.7	0.0398	0.000522	5.16	0.00205	0.0511	0.000275	0.000133	0.0000863	0.107	0.00000201	0.000105	0.000509	0.0014	8.37E-11
2106 Jun	0.069	0.00000943	1.43	3.64	0.0535	0.000257	5.04	0.0017	0.0471	0.000432	0.000203	0.0000867	0.108	0.00000193	0.0000776	0.000752	0.00173	1.01E-10
2106 Jul	0.0675	0.0000108	1.4	3.33	0.046	0.000239	4.71	0.00169	0.0517	0.000366	0.00023	0.0000822	0.0996	0.00000217	0.0000779	0.00073	0.00202	6.78E-11
2106 Aug	0.0566	0.0000106	1.22	3.25	0.032	0.000284	4.05	0.00165	0.0482	0.000242	0.000182	0.0000727	0.084	0.00000208	0.0000766	0.000499	0.00174	1.88E-11
2106 Sep	0.0482	0.0000102	1.19	3.5	0.0246	0.00041	4.02	0.0017	0.0454	0.000155	0.000127	0.0000709	0.081	0.00000198	0.0000837	0.000342	0.00143	1.45E-11
2106 Oct	0.0476	0.0000101	1.2	3.74	0.0234	0.000463	4.13	0.00177	0.0462	0.000137	0.000118	0.0000708	0.0823	0.00000197	0.0000903	0.000326	0.00137	4.11E-11
2106 Nov	0.048	0.0000102	1.21	3.78	0.0235	0.000468	4.17	0.00179	0.0467	0.000138	0.000118	0.0000713	0.0831	0.00000198	0.0000913	0.000328	0.00138	4.17E-11
2106 Dec	0.048	0.0000102	1.21	3.78	0.0236	0.000469	4.18	0.00179	0.0467	0.000138	0.000118	0.0000714	0.0832	0.00000199	0.0000914	0.000328	0.00138	4.18E-11
2107 Jan	0.0481	0.0000102	1.21	3.79	0.0236	0.000469	4.18	0.00179	0.0468	0.000138	0.000118	0.0000715	0.0833	0.00000199	0.0000915	0.000329	0.00138	4.18E-11
2107 Feb	0.0482	0.0000102	1.21	3.79	0.0237	0.00047	4.19	0.0018	0.0468	0.000139	0.000119	0.0000716	0.0835	0.00000199	0.0000916	0.00033	0.00139	4.18E-11
2107 Mar	0.0484	0.0000102	1.22	3.8	0.0239	0.000471	4.2	0.0018	0.047	0.00014	0.000119	0.0000718	0.0838	0.00000199	0.0000919	0.000332	0.00139	4.19E-11
2107 Apr	0.0487	0.0000103	1.23	3.83	0.0241	0.000474	4.23	0.00181	0.0473	0.000141	0.00012	0.0000723	0.0844	0.00000201	0.0000925	0.000334	0.0014	4.22E-11
2107 May	0.0597	0.0000103	1.39	4.16	0.0384	0.000442	4.86	0.0019	0.0489	0.000274	0.000142	0.0000837	0.101	0.00000202	0.0000932	0.000498	0.00148	5.65E-11
2107 Jun	0.0895	0.00000993	1.77	4.59	0.0778	0.000295	6.35	0.00193	0.0524	0.000648	0.000207	0.00011	0.143	0.00000201	0.0000858	0.000961	0.00172	7.81E-11
2107 Jul	0.0857	0.0000105	1.68	4.2	0.0695	0.000274	5.88	0.00184	0.0539	0.00058	0.00021	0.000103	0.132	0.0000021	0.0000822	0.00089	0.00181	3.49E-11
2107 Aug	0.0882	0.0000116	1.74	4.32	0.0682	0.000297	6.03	0.00193	0.0579	0.000567	0.000216	0.000105	0.135	0.00000229	0.0000871	0.000877	0.00193	2.48E-11
2107 Sep	0.0785	0.0000114	1.6	4.24	0.056	0.000348	5.51	0.00191	0.0562	0.000452	0.00019	0.0000963	0.121	0.00000223	0.0000894	0.000726	0.00179	1.41E-11
2107 Oct	0.0682	0.000011	1.46	4.36	0.0443	0.00042	5	0.00194	0.0537	0.000337	0.000162	0.0000876	0.109	0.00000211	0.0000949	0.000582	0.00161	8.39E-12
2107 Nov	0.0651	0.0000109	1.42	4.45	0.0408	0.00045	4.87	0.00197	0.0533	0.000301	0.000154	0.0000854	0.106	0.00000208	0.0000978	0.000541	0.00155	7.56E-12
2107 Dec	0.0652	0.0000109	1.43	4.46	0.0408	0.000451	4.88	0.00198	0.0533	0.000301	0.000154	0.0000855	0.106	0.00000208	0.000098	0.000541	0.00155	7.66E-12
2108 Jan	0.0652	0.0000109	1.43	4.46	0.0409	0.000452	4.88	0.00198	0.0533	0.000301	0.000154	0.0000855	0.106	0.00000208	0.0000981	0.000542	0.00155	7.7E-12

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0653	0.0000109	1.43	4.47	0.041	0.000452	4.89	0.00198	0.0534	0.000301	0.000154	0.0000856	0.106	0.00000209	0.0000982	0.000543	0.00156	7.72E-12
2108 Mar	0.0656	0.0000109	1.43	4.48	0.0412	0.000453	4.91	0.00199	0.0535	0.000303	0.000155	0.0000859	0.106	0.00000209	0.0000985	0.000545	0.00156	7.75E-12
2108 Apr	0.0674	0.0000112	1.47	4.6	0.0424	0.000465	5.04	0.00204	0.055	0.000311	0.000159	0.0000882	0.109	0.00000215	0.000101	0.00056	0.0016	7.95E-12
2108 May	0.0714	0.0000118	1.56	4.88	0.0451	0.000492	5.34	0.00216	0.058	0.00033	0.000168	0.0000933	0.116	0.00000226	0.000107	0.000595	0.00169	8.09E-12
2108 Jun	0.0604	0.0000101	1.29	3.53	0.04	0.000287	4.29	0.00172	0.0485	0.000301	0.000207	0.000077	0.0923	0.000002	0.0000806	0.000637	0.00182	2.78E-11
2108 Jul	0.0652	0.0000117	1.39	3.5	0.0401	0.000282	4.52	0.00181	0.0552	0.0003	0.000247	0.0000808	0.0957	0.00000232	0.0000855	0.000705	0.00218	3.02E-11
2108 Aug	0.0732	0.0000134	1.56	3.9	0.0439	0.000323	5.08	0.00204	0.0629	0.000327	0.000277	0.0000906	0.107	0.00000265	0.0000965	0.000779	0.00248	3.01E-11
2108 Sep	0.0685	0.0000131	1.49	3.77	0.0391	0.000337	4.8	0.00197	0.0609	0.000283	0.000257	0.0000857	0.101	0.00000257	0.0000946	0.000705	0.00236	2.13E-11
2108 Oct	0.0513	0.0000108	1.21	3.74	0.0237	0.000458	4.01	0.00179	0.0521	0.000137	0.000157	0.0000681	0.0827	0.00000207	0.0000953	0.000427	0.00164	6.37E-12
2108 Nov	0.0502	0.0000107	1.2	3.81	0.0223	0.000491	4.04	0.0018	0.0521	0.000121	0.000143	0.000067	0.0826	0.00000204	0.0000979	0.000397	0.00155	6.02E-12
2108 Dec	0.0503	0.0000107	1.21	3.82	0.0223	0.000493	4.05	0.00181	0.0522	0.000122	0.000143	0.0000671	0.0828	0.00000204	0.0000982	0.000397	0.00155	6.11E-12
2109 Jan	0.0504	0.0000107	1.21	3.83	0.0224	0.000493	4.06	0.00181	0.0522	0.000122	0.000143	0.0000672	0.0829	0.00000204	0.0000982	0.000398	0.00155	6.15E-12
2109 Feb	0.0505	0.0000107	1.21	3.83	0.0225	0.000493	4.07	0.00181	0.0523	0.000123	0.000143	0.0000673	0.0831	0.00000205	0.0000983	0.0004	0.00156	6.16E-12
2109 Mar	0.0507	0.0000107	1.21	3.85	0.0227	0.000495	4.08	0.00182	0.0525	0.000124	0.000144	0.0000676	0.0835	0.00000205	0.0000987	0.000402	0.00156	6.18E-12
2109 Apr	0.0517	0.0000109	1.24	3.92	0.0231	0.000503	4.16	0.00185	0.0534	0.000126	0.000146	0.0000688	0.0851	0.00000209	0.0001	0.000409	0.00159	6.29E-12
2109 May	0.0686	0.0000108	1.49	4.31	0.0461	0.000441	5.17	0.00193	0.0547	0.000341	0.000171	0.0000872	0.111	0.0000021	0.0000978	0.000643	0.00166	2.28E-11
2109 Jun	0.0982	0.0000105	1.91	4.83	0.0862	0.000307	6.86	0.00201	0.0567	0.000722	0.000219	0.000118	0.156	0.00000211	0.0000898	0.00106	0.00183	5.99E-11
2109 Jul	0.0938	0.000011	1.83	4.67	0.078	0.000302	6.44	0.002	0.0574	0.000652	0.00022	0.000113	0.146	0.00000218	0.0000892	0.000977	0.00187	3.21E-11
2109 Aug	0.0888	0.0000118	1.76	4.75	0.0677	0.00033	6.09	0.00209	0.0586	0.000561	0.000213	0.000109	0.136	0.00000231	0.0000933	0.00085	0.00189	1.56E-11
2109 Sep	0.0749	0.0000113	1.56	4.7	0.0523	0.000398	5.37	0.00207	0.0548	0.000412	0.000179	0.0000965	0.119	0.00000217	0.0000964	0.000659	0.00168	8.73E-12
2109 Oct	0.0579	0.0000103	1.34	4.48	0.0331	0.000514	4.7	0.00198	0.0514	0.000222	0.000128	0.0000788	0.098	0.00000199	0.000103	0.000444	0.00138	3.45E-11
2109 Nov	0.0578	0.0000103	1.34	4.47	0.0324	0.000525	4.74	0.00198	0.0519	0.000215	0.000125	0.0000785	0.098	0.000002	0.000104	0.000438	0.00138	4.13E-11
2109 Dec	0.0579	0.0000104	1.35	4.48	0.0324	0.000527	4.75	0.00198	0.052	0.000215	0.000126	0.0000786	0.0982	0.00000201	0.000105	0.000439	0.00138	4.13E-11
2110 Jan	0.0579	0.0000104	1.35	4.49	0.0325	0.000527	4.76	0.00199	0.052	0.000215	0.000126	0.0000787	0.0984	0.00000201	0.000105	0.00044	0.00139	4.13E-11
2110 Feb	0.0581	0.0000104	1.35	4.49	0.0327	0.000527	4.77	0.00199	0.0521	0.000216	0.000126	0.0000788	0.0986	0.00000201	0.000105	0.000441	0.00139	4.13E-11
2110 Mar	0.0583	0.0000104	1.35	4.51	0.0328	0.000529	4.78	0.00199	0.0522	0.000217	0.000126	0.000079	0.0989	0.00000202	0.000105	0.000443	0.00139	4.14E-11
2110 Apr	0.0589	0.0000105	1.37	4.55	0.0332	0.000534	4.83	0.00202	0.0528	0.000219	0.000128	0.0000799	0.1	0.00000204	0.000106	0.000448	0.00141	4.18E-11
2110 May	0.0646	0.0000108	1.47	4.9	0.04	0.000536	5.17	0.00213	0.0544	0.000279	0.000143	0.0000876	0.109	0.00000209	0.00011	0.000526	0.00148	4.43E-11
2110 Jun	0.0786	0.00000969	1.59	4.25	0.0651	0.000276	5.6	0.00186	0.0495	0.000533	0.000211	0.0000987	0.124	0.00000197	0.0000831	0.000858	0.00175	9.84E-11
2110 Jul	0.078	0.0000107	1.57	4.04	0.0602	0.000265	5.37	0.00186	0.0531	0.000491	0.000231	0.0000959	0.119	0.00000214	0.0000833	0.000847	0.00195	6.37E-11
2110 Aug	0.054	0.0000102	1.22	3.42	0.0299	0.000345	4.23	0.00167	0.0458	0.000221	0.000135	0.0000735	0.0851	0.00000201	0.0000789	0.000388	0.00146	3.51E-11
2110 Sep	0.0486	0.00000975	1.2	3.59	0.0243	0.000461	4.28	0.0017	0.0459	0.000151	0.000103	0.0000693	0.0834	0.00000193	0.0000889	0.00032	0.00129	6.77E-11
2110 Oct	0.0478	0.00000955	1.19	3.57	0.021	0.000532	4.38	0.00166	0.0487	0.000114	0.0000847	0.0000636	0.0831	0.00000191	0.0000963	0.000303	0.0012	8.27E-11
2110 Nov	0.0479	0.00000947	1.19	3.56	0.0212	0.000533	4.4	0.00165	0.0488	0.000116	0.0000843	0.0000633	0.0833	0.0000019	0.0000965	0.000308	0.0012	8.67E-11
2110 Dec	0.0481	0.00000949	1.2	3.57	0.0214	0.000533	4.41	0.00166	0.0489	0.000118	0.0000849	0.0000635	0.0836	0.0000019	0.0000967	0.000311	0.0012	8.55E-11
2111 Jan	0.0482	0.00000949	1.2	3.58	0.0216	0.000533	4.42	0.00166	0.0489	0.000119	0.0000852	0.0000636	0.0838	0.0000019	0.0000968	0.000313	0.0012	8.51E-11
2111 Feb	0.0484	0.00000949	1.2	3.58	0.0218	0.000533	4.43	0.00166	0.0489	0.00012	0.0000855	0.0000638	0.0841	0.0000019	0.0000968	0.000315	0.0012	8.49E-11
2111 Mar	0.0487	0.00000954	1.21	3.61	0.022	0.000535	4.46	0.00167	0.0492	0.000121	0.000086	0.0000641	0.0846	0.00000191	0.0000973	0.000317	0.00121	8.53E-11
2111 Apr	0.0497	0.00000973	1.23	3.68	0.0225	0.000546	4.55	0.0017	0.0501	0.000124	0.0000878	0.0000654	0.0864	0.00000195	0.0000992	0.000324	0.00123	8.69E-11
2111 May	0.0613	0.0000101	1.41	4.04	0.037	0.000511	5.17	0.00181	0.0525	0.000257	0.000116	0.0000785	0.104	0.00000201	0.0000998	0.000488	0.00137	8.15E-11
2111 Jun	0.0876	0.00000967	1.73	4.31	0.0756	0.000277	6.24	0.00184	0.0515	0.000632	0.000203	0.000106	0.139	0.00000198	0.0000826	0.000945	0.0017	8.18E-11
2111 Jul	0.1	0.0000114	1.97	4.84	0.0854	0.000306	7.01	0.00209	0.0601	0.000714	0.000241	0.00012	0.157	0.0000023	0.0000935	0.00109	0.00202	7.25E-11
2111 Aug	0.0728	0.0000107	1.53	4.15	0.0537	0.000336	5.26	0.00187	0.0514	0.000428	0.000183	0.000094	0.115	0.00000209	0.0000854	0.000688	0.0017	1.65E-11
2111 Sep	0.0592	0.0000106	1.38	4.06	0.0384	0.000423	4.72	0.00187	0.0481	0.000276	0.000142	0.0000854	0.1	0.00000204	0.0000883	0.000478	0.0015	5.01E-12
2111 Oct	0.0531	0.00000992	1.29	4.11	0.0313	0.000479	4.54	0.00187	0.0469	0.000205	0.00012	0.0000779	0.0931	0.00000194	0.0000944	0.000402	0.00134	4.66E-11
2111 Nov	0.0511	0.00000963	1.26	3.99	0.0277	0.000509	4.54	0.00182	0.0475	0.000172	0.000107	0.0000726	0.0899	0.00000191	0.0000972	0.000372	0.00128	8.02E-11
2111 Dec	0.0512	0.00000965	1.26	4	0.0277	0.000511	4.55	0.00182	0.0477	0.000172	0.000107	0.0000727	0.0901	0.00000191	0.0000976	0.000373	0.00128	7.85E-11
2112 Jan	0.0513	0.00000965	1.27	4.01	0.0279	0.000511	4.56	0.00182	0.0477	0.000173	0.000107	0.0000728	0.0904	0.00000192	0.0000976	0.000374	0.00128	7.81E-11
2112 Feb	0.0515	0.00000966	1.27	4.02	0.0281	0.000511	4.58	0.00182	0.0478	0.000174	0.000107	0.000073	0.0907	0.00000192	0.0000978	0.000377	0.00128	7.79E-11
2112 Mar	0.0519	0.00000972	1.28	4.05	0.0284	0.000514	4.61	0.00184	0.048	0.000176	0.000108	0.0000735	0.0913	0.00000193	0.0000983	0.00038	0.00129	7.83E-11
2112 Apr	0.0528	0.00000988	1.3	4.12	0.0289	0.000522	4.69	0.00187	0.0489	0.000179	0.00011	0.0000747	0.093	0.00000196	0.0001	0.000387	0.00131	7.96E-11
2112 May	0.0666	0.0000101	1.5	4.56	0.0464	0.000479	5.39	0.00199	0.0514	0.000341	0.000142	0.0000898	0.114	0.00000201	0.0001	0.000585	0.00145	7.28E-11
2112 Jun	0.0738	0.00000902	1.49	3.64	0.061	0.000234	5.32	0.00164	0.0463	0.000504	0.000196	0.0000907	0.115	0.00000186	0.0000737	0.000808	0.00166	1E-10
2112 Jul	0.0726	0.0000103	1.46	3.53	0.0548	0.000227	4.97	0.00169	0.0508	0.000446	0.00023	0.000088	0.109	0.00000207	0.0000761	0.000807	0.00195	4.49E-11
2112 Aug	0.0738	0.0000113	1.52	3.89	0.0534	0.000274	5.1	0.00186	0.054	0.000426	0.000237	0.0000924	0.112	0.00000223	0.000084	0.000791	0.00205	3.46E-11
2112 Sep	0.0637	0.0000111	1.41	4.29	0.043	0.000354	4.58	0.002	0.0508	0.000319	0.00021	0.0000886	0.102	0.00000214	0.0000905	0.000635	0.00187	1.51E-11
2112 Oct	0.0585	0.000011	1.36	4.86	0.0377	0.000435	4.37	0.00218	0.0497	0.000258	0.000195	0.0000882	0.0986	0.00000207	0.0001	0.000553	0.00173	9.18E-12
2112 Nov	0.058	0.000011	1.36	4.99	0.0369	0.000456	4.38	0.00223	0.0499	0.000248	0.000192	0.0000887	0.0988	0.00000207	0.000103	0.000541	0.00171	8.41E-12
2112 Dec	0.0581	0.000011	1.36	5	0.0369	0.000457	4.39	0.00223	0.05	0.000248	0.000192	0.0000888	0.0989	0.00000207	0.000103	0.000541	0.00171	8.42E-12
2113 Jan	0.0581	0.000011	1.36	5.01	0.037	0.000458	4.4	0.00223	0.05	0.000249	0.000192	0.0000888	0.099	0.00000207	0.000103	0.000542	0.00171	8.43E-12
2113 Feb	0.0582	0.000011	1.37	5.01	0.0371	0.000458	4.4	0.00223	0.0501	0.000249	0.000192	0.0000889	0.0992	0.00000208	0.000103	0.000543	0.00171	8.43E-12
2113 Mar	0.0588	0.0000111	1.38	5.06	0.0375	0.000462	4.45	0.00225	0.0505	0.000252	0.000194	0.0000897	0.1	0.00000209	0.000104	0.000548	0.00172	8.5E-12
2113 Apr	0.0598	0.0000113	1.4	5.14	0.0382	0.000469	4.52	0.00229	0.0514	0.000256	0.000197	0.0000912	0.102	0.00000213	0.000106	0.000558	0.00175	8.64E-12
2113 May	0.0703	0.0000113	1.57	5.69	0.052	0.000468	5.17	0.00244	0.053	0.000381	0.00021	0.000104	0.12	0.00000213	0.00011	0.000696	0.00177	1.16E-11
2113 Jun	0.0874	0.00000982	1.75	4.83	0.0766	0.000299	6.22	0.00203	0.051	0.000634	0.000215	0.000111	0.141	0.00000198	0.0000886	0.000954	0.00173	9.04E-11
2113 Jul	0.0925	0.000011	1.83	4.92	0.0782	0.000304	6.42	0.00211	0.0562	0.000649	0.000234	0.000115	0.146	0.00000219	0.0000922	0.000994	0.00193	6.47E-11
2113 Aug	0.0922	0.0000117	1.83	4.87	0.0743	0.000316	6.33	0.00213	0.0587	0.000614	0.000235	0.000114	0.143	0.00000232	0.0000938	0.000952	0.002	4.24E-11
2113 Sep	0.0747	0.0000111	1.58	4.81	0.0547	0.000396	5.38	0.0021	0.0539	0.000427	0.000191	0.0000992	0.121	0.00000215	0.0000967	0.000705	0.00173	1.79E-11
2113 Oct	0.0555	0.00000984	1.3	4.26	0.032	0.000507	4.62	0.00189	0.0495	0.000212	0.000121	0.0000759	0.0952	0.00000192	0.0001	0.000434	0.00133	4.79E-11
2113 Nov	0.0542	0.0000098	1.29	4.1	0.0293	0.000526	4.64	0.00184	0.0502	0.000187	0.00011	0.0000727	0.0933	0.00000193	0.000101	0.000406	0.0013	6.07E-11
2113 Dec	0.0543	0.00000982	1.29	4.11	0.0295	0.000527	4.66	0.00184	0.0503	0.000188	0.00011	0.000073	0.0936	0.00000193	0.000101	0.000408	0.0013	6.01E-11
2114 Jan	0.0545	0.00000983	1.3	4.12	0.0296	0.000527	4.67	0.00184	0.0503	0.000189	0.00011	0.0000731	0.0938	0.00000193	0.000101	0.000409	0.0013	5.98E-11
2114 Feb	0.0546	0.00000983	1.3	4.13	0.0298	0.000527	4.68	0.00185	0.0504	0.00019	0.000111	0.0000732	0.0941	0.00000193	0.000101	0.000411	0.0013	5.97E-11
2114 Mar	0.0549	0.00000988	1.31	4.15	0.0301	0.00053	4.7	0.00186	0.0506	0.000191	0.000111	0.0000736	0.0946	0.00000194	0.000102	0.000414	0.00131	5.99E-11
2114 Apr	0.0556	0.00000999	1.32	4.2	0.0305	0.000536	4.76	0.00188	0.0512	0.000194	0.000113	0.0000745	0.0958	0.00000197	0.000103	0.000419	0.00132	6.06E-11
2114 May	0.0705	0.00000998	1.54	4.64	0.0513	0.000461	5.53	0.00199	0.052	0.000389	0.000151	0.000092	0.118	0.00000198	0.0001	0.00065	0.00147	7.03E-11
2114 Jun	0.0972	0.0000105	1.92	5.31	0.0861	0.000341	6.84	0.00217	0.0561	0.000714	0.000221	0.000121	0.157	0.00000209	0.0000963	0.00105	0.00179	6.11E-11

Appendix D.2-5: B4

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.111	0.0000123	2.19	6	0.0971	0.000383	7.72	0.00248	0.0651	0.000807	0.000259	0.000138	0.178	0.00000244	0.00011	0.0012	0.00211	5.37E-11
2114 Aug	0.127	0.0000143	2.5	6.84	0.11	0.000442	8.79	0.00284	0.075	0.000908	0.000296	0.000157	0.203	0.00000282	0.000126	0.00135	0.00243	5.58E-11
2114 Sep	0.0908	0.0000123	1.9	5.95	0.0723	0.000469	6.49	0.00249	0.0612	0.00057	0.000223	0.000121	0.15	0.00000236	0.000114	0.000906	0.00193	1.82E-11
2114 Oct	0.0669	0.000011	1.52	5.58	0.0452	0.00056	5.15	0.00234	0.0546	0.000316	0.000162	0.000096	0.116	0.00000207	0.000115	0.000587	0.00153	5.1E-12
2114 Nov	0.0577	0.0000105	1.38	5.26	0.034	0.000601	4.73	0.00223	0.0525	0.000212	0.000131	0.0000842	0.103	0.00000196	0.000116	0.000456	0.00136	2.22E-12
2114 Dec	0.0579	0.0000105	1.38	5.23	0.0341	0.0006	4.76	0.00222	0.0526	0.000213	0.000131	0.0000842	0.103	0.00000196	0.000116	0.000458	0.00136	2.26E-12
2115 Jan	0.058	0.0000105	1.38	5.24	0.0343	0.0006	4.77	0.00222	0.0526	0.000214	0.000131	0.0000843	0.104	0.00000197	0.000116	0.00046	0.00136	2.28E-12
2115 Feb	0.0583	0.0000105	1.39	5.25	0.0346	0.0006	4.78	0.00223	0.0527	0.000216	0.000131	0.0000845	0.104	0.00000197	0.000116	0.000463	0.00136	2.28E-12
2115 Mar	0.0585	0.0000105	1.39	5.26	0.0348	0.000601	4.8	0.00223	0.0528	0.000217	0.000132	0.0000847	0.104	0.00000197	0.000116	0.000465	0.00137	2.29E-12
2115 Apr	0.0595	0.0000107	1.42	5.35	0.0354	0.000611	4.88	0.00227	0.0537	0.000221	0.000134	0.0000861	0.106	0.000002	0.000118	0.000473	0.00139	2.33E-12
2115 May	0.075	0.0000105	1.62	5.33	0.0566	0.000503	5.66	0.00221	0.0543	0.000427	0.000165	0.0001	0.127	0.000002	0.000108	0.000707	0.00151	1.54E-11
2115 Jun	0.102	0.0000112	2.03	5.77	0.0891	0.000405	7.19	0.00234	0.0602	0.000733	0.000222	0.000128	0.166	0.0000022	0.000106	0.00108	0.00183	3.28E-11
2115 Jul	0.11	0.0000124	2.17	6.02	0.094	0.00042	7.66	0.00247	0.0658	0.000777	0.000239	0.000135	0.177	0.00000242	0.000111	0.00114	0.00201	2.63E-11
2115 Aug	0.0798	0.0000109	1.64	4.57	0.0606	0.000373	5.71	0.00197	0.0539	0.00049	0.00017	0.000101	0.128	0.00000212	0.0000904	0.000722	0.00162	6.13E-12
2115 Sep	0.067	0.0000109	1.5	4.44	0.046	0.000436	5.15	0.00197	0.0508	0.000347	0.000142	0.0000931	0.112	0.0000021	0.0000921	0.000536	0.00149	2.55E-12
2115 Oct	0.0631	0.0000109	1.46	4.74	0.042	0.000479	4.97	0.00208	0.0501	0.000302	0.000138	0.0000924	0.109	0.00000207	0.0000978	0.000489	0.00145	2.02E-12
2115 Nov	0.0572	0.0000107	1.39	5.17	0.0358	0.000545	4.68	0.00222	0.0491	0.000235	0.000131	0.0000896	0.103	0.000002	0.000107	0.000425	0.00137	1.59E-12
2115 Dec	0.0574	0.0000107	1.4	5.19	0.0358	0.000551	4.71	0.00223	0.0494	0.000234	0.000131	0.0000896	0.104	0.000002	0.000108	0.000427	0.00137	1.65E-12
2116 Jan	0.0576	0.0000107	1.4	5.2	0.036	0.000551	4.73	0.00223	0.0494	0.000235	0.000132	0.0000898	0.104	0.000002	0.000108	0.00043	0.00137	1.67E-12
2116 Feb	0.0578	0.0000107	1.4	5.21	0.0363	0.000552	4.75	0.00224	0.0495	0.000236	0.000132	0.00009	0.104	0.00000201	0.000108	0.000433	0.00137	1.68E-12
2116 Mar	0.0581	0.0000107	1.41	5.23	0.0365	0.000553	4.77	0.00225	0.0497	0.000237	0.000132	0.0000903	0.105	0.00000201	0.000108	0.000435	0.00138	1.68E-12
2116 Apr	0.059	0.0000109	1.43	5.31	0.0372	0.000561	4.84	0.00228	0.0504	0.000241	0.000135	0.0000916	0.106	0.00000204	0.00011	0.000443	0.0014	1.71E-12
2116 May	0.0718	0.000011	1.62	5.87	0.0539	0.00053	5.52	0.00244	0.0527	0.000395	0.000168	0.000106	0.126	0.00000207	0.000113	0.000641	0.00153	9.91E-12
2116 Jun	0.0787	0.00000939	1.59	4.17	0.0663	0.00027	5.68	0.00183	0.0483	0.000546	0.000203	0.0000989	0.125	0.00000192	0.0000812	0.000857	0.00169	1.08E-10
2116 Jul	0.088	0.0000111	1.76	4.47	0.0719	0.000281	6.14	0.00201	0.0563	0.000592	0.000246	0.000108	0.137	0.00000225	0.0000892	0.000971	0.00205	8.38E-11
2116 Aug	0.0941	0.0000123	1.9	4.78	0.0753	0.000314	6.56	0.00217	0.0618	0.000616	0.000265	0.000116	0.146	0.00000248	0.000097	0.00103	0.00225	7.7E-11
2116 Sep	0.0685	0.000011	1.5	4.43	0.0473	0.000417	5.09	0.002	0.0537	0.000353	0.000188	0.0000908	0.112	0.00000213	0.0000966	0.000662	0.00175	2.19E-11
2116 Oct	0.0544	0.0000103	1.3	4.38	0.0292	0.000548	4.48	0.00194	0.0518	0.000178	0.000123	0.0000747	0.0943	0.00000196	0.000105	0.000423	0.00138	1.94E-12
2116 Nov	0.0539	0.0000103	1.3	4.42	0.0278	0.000569	4.48	0.00195	0.0525	0.000163	0.000118	0.0000739	0.0938	0.00000197	0.000107	0.000405	0.00136	1.53E-12
2116 Dec	0.054	0.0000104	1.3	4.42	0.0279	0.000569	4.49	0.00195	0.0525	0.000164	0.000118	0.000074	0.094	0.00000197	0.000107	0.000407	0.00136	1.54E-12
2117 Jan	0.0541	0.0000104	1.3	4.43	0.028	0.000569	4.49	0.00195	0.0525	0.000165	0.000119	0.0000741	0.0942	0.00000197	0.000107	0.000408	0.00136	1.54E-12
2117 Feb	0.0542	0.0000104	1.3	4.43	0.0282	0.000569	4.5	0.00195	0.0526	0.000166	0.000119	0.0000742	0.0943	0.00000197	0.000107	0.000409	0.00136	1.54E-12
2117 Mar	0.0544	0.0000104	1.31	4.45	0.0283	0.000571	4.52	0.00196	0.0527	0.000167	0.000119	0.0000744	0.0947	0.00000198	0.000107	0.000411	0.00137	1.55E-12
2117 Apr	0.0555	0.0000106	1.33	4.54	0.0289	0.000581	4.61	0.002	0.0538	0.00017	0.000121	0.0000759	0.0966	0.00000201	0.000109	0.00042	0.00139	1.58E-12
2117 May	0.0672	0.0000107	1.51	4.84	0.0441	0.000538	5.26	0.00208	0.0554	0.000312	0.000145	0.0000887	0.114	0.00000206	0.000108	0.000584	0.0015	1.6E-11
2117 Jun	0.0945	0.0000106	1.89	5.15	0.0813	0.000367	6.77	0.00214	0.0567	0.000669	0.00021	0.000117	0.153	0.00000212	0.0000976	0.000997	0.00177	7.13E-11
2117 Jul	0.106	0.0000121	2.1	5.59	0.0894	0.000395	7.45	0.00234	0.0642	0.000738	0.000237	0.000129	0.169	0.00000241	0.000107	0.00111	0.00202	6.13E-11
2117 Aug	0.104	0.0000125	2.08	5.45	0.0857	0.000396	7.31	0.00231	0.0655	0.000707	0.000236	0.000127	0.165	0.00000248	0.000106	0.00107	0.00207	4.36E-11
2117 Sep	0.0991	0.0000126	2	5.31	0.079	0.00041	6.99	0.00227	0.0646	0.000645	0.000224	0.000122	0.157	0.00000247	0.000105	0.000986	0.00202	3.16E-11
2117 Oct	0.0823	0.0000117	1.73	5.16	0.0612	0.000457	5.97	0.00221	0.0588	0.000478	0.000189	0.000106	0.134	0.00000225	0.000105	0.000772	0.00176	1.49E-11
2117 Nov	0.0759	0.0000114	1.63	5.14	0.0541	0.000485	5.61	0.00219	0.0569	0.000411	0.000175	0.0001	0.126	0.00000218	0.000107	0.000689	0.00166	1.02E-11
2117 Dec	0.0747	0.0000113	1.62	5.14	0.0528	0.000492	5.55	0.0022	0.0566	0.000397	0.000172	0.0000992	0.124	0.00000216	0.000107	0.000673	0.00164	9.48E-12
2118 Jan	0.0747	0.0000113	1.62	5.15	0.0529	0.000493	5.56	0.0022	0.0567	0.000397	0.000172	0.0000993	0.124	0.00000216	0.000107	0.000674	0.00164	9.45E-12
2118 Feb	0.0749	0.0000113	1.62	5.16	0.0531	0.000493	5.57	0.0022	0.0567	0.000398	0.000172	0.0000994	0.125	0.00000216	0.000107	0.000676	0.00164	9.45E-12
2118 Mar	0.0751	0.0000113	1.63	5.17	0.0533	0.000494	5.58	0.00221	0.0568	0.000399	0.000172	0.0000996	0.125	0.00000217	0.000108	0.000679	0.00165	9.46E-12
2118 Apr	0.0758	0.0000115	1.64	5.25	0.0537	0.000503	5.64	0.00224	0.0574	0.000399	0.000173	0.0001	0.126	0.00000219	0.000109	0.000684	0.00166	9.08E-12
2118 May	0.0883	0.0000107	1.8	5.21	0.0729	0.000408	6.33	0.00216	0.0562	0.000578	0.000193	0.000111	0.144	0.0000021	0.0001	0.000889	0.00169	3.04E-11
2118 Jun	0.0935	0.00000969	1.82	4.45	0.0833	0.000262	6.62	0.00187	0.0523	0.0007	0.00021	0.000112	0.148	0.000002	0.0000824	0.00102	0.00173	1.12E-10
2118 Jul	0.108	0.0000115	2.1	5.08	0.0953	0.000296	7.56	0.00215	0.0615	0.000802	0.000249	0.000129	0.17	0.00000235	0.0000945	0.00118	0.00206	1.07E-10
2118 Aug	0.0804	0.0000108	1.66	4.26	0.0636	0.00033	5.77	0.00189	0.0531	0.000513	0.000191	0.000102	0.129	0.00000213	0.0000852	0.000795	0.00175	3.03E-11
2118 Sep	0.0574	0.00001	1.36	4.24	0.0363	0.000485	4.75	0.00189	0.0485	0.000248	0.000126	0.0000816	0.1	0.00000195	0.0000956	0.000462	0.00137	3.16E-11
2118 Oct	0.0538	0.0000098	1.31	4.24	0.0302	0.000537	4.69	0.00188	0.0494	0.00019	0.000109	0.0000752	0.0949	0.00000193	0.000102	0.000404	0.00129	7.35E-11
2118 Nov	0.0542	0.00000983	1.32	4.31	0.0302	0.000549	4.74	0.00191	0.05	0.000189	0.000109	0.0000755	0.0957	0.00000193	0.000104	0.000407	0.00129	7.49E-11
2118 Dec	0.0543	0.00000984	1.32	4.32	0.0303	0.00055	4.76	0.00191	0.0501	0.00019	0.000109	0.0000757	0.0959	0.00000194	0.000104	0.000409	0.00129	7.41E-11
2119 Jan	0.0544	0.00000985	1.32	4.32	0.0305	0.00055	4.77	0.00192	0.0501	0.000191	0.00011	0.0000759	0.0962	0.00000194	0.000104	0.00041	0.00129	7.38E-11
2119 Feb	0.0546	0.00000986	1.33	4.33	0.0307	0.00055	4.78	0.00192	0.0502	0.000192	0.00011	0.000076	0.0965	0.00000194	0.000104	0.000412	0.00129	7.37E-11
2119 Mar	0.055	0.00000991	1.33	4.36	0.0309	0.000553	4.81	0.00193	0.0505	0.000193	0.000111	0.0000765	0.0971	0.00000195	0.000105	0.000416	0.0013	7.41E-11
2119 Apr	0.0613	0.0000102	1.44	4.72	0.0382	0.000567	5.19	0.00204	0.0525	0.00022	0.000118	0.0000804	0.108	0.00000199	0.000109	0.000487	0.00133	6.56E-11
2119 May	0.0986	0.00000964	1.94	5.25	0.09	0.000357	7.08	0.00207	0.0539	0.000627	0.000186	0.000109	0.162	0.00000194	0.0000934	0.00104	0.00155	7.2E-11
2119 Jun	0.0973	0.00000986	1.88	4.86	0.0881	0.000288	6.78	0.00198	0.0536	0.000681	0.000213	0.000112	0.156	0.00000199	0.0000867	0.00106	0.00172	6.56E-11
2119 Jul	0.108	0.0000117	2.09	5.39	0.0952	0.000317	7.39	0.00225	0.062	0.000736	0.000256	0.000125	0.17	0.00000233	0.0000981	0.00119	0.00207	4.97E-11
2119 Aug	0.0951	0.0000118	1.92	5.16	0.0792	0.000354	6.63	0.00221	0.0596	0.000599	0.000235	0.000115	0.152	0.00000232	0.0000977	0.000998	0.002	2.69E-11
2119 Sep	0.0662	0.0000107	1.5	4.69	0.0475	0.000446	5.06	0.00206	0.0507	0.000325	0.000166	0.0000919	0.113	0.00000205	0.0000963	0.000602	0.00159	5.34E-12
2119 Oct	0.058	0.0000103	1.38	4.76	0.0369	0.000523	4.72	0.00207	0.0497	0.000231	0.000136	0.0000838	0.103	0.00000196	0.000103	0.000477	0.00141	8.34E-12
2119 Nov	0.0574	0.0000102	1.37	4.71	0.0354	0.000541	4.8	0.00205	0.0501	0.000221	0.000128	0.0000819	0.102	0.00000195	0.000106	0.000463	0.00136	1.93E-11
2119 Dec	0.0576	0.0000102	1.38	4.71	0.0356	0.000542	4.82	0.00206	0.0503	0.000222	0.000129	0.0000821	0.102	0.00000195	0.000106	0.000465	0.00137	1.9E-11

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	34.2	0.022	0.00477	0.000861	6.46	0.0204	2.31	0.000861	0.000861	0.0000043	0.00633	0.00244	0.00827	0.0112	0.0000043	9.83	0.0000133	0.000175	0.0000987	0.000595
Operation (2026-2036): Mean	48.9	0.0727	0.00711	0.001	11.3	0.0349	4.24	0.001	0.001	0.00000501	0.00789	0.00706	0.0109	0.0172	0.00000501	15.3	0.0000175	0.000219	0.000161	0.000879
Operation (2026-2036): Max	81.7	0.112	0.0186	0.00125	18.6	0.0446	6.58	0.00125	0.00125	0.00000623	0.00888	0.0305	0.012	0.0351	0.00000623	28.8	0.0000252	0.000404	0.000496	0.00123
Active Closure (2037-2043): Min	47.4	0.0369	0.00549	0.000897	11.3	0.0236	3.99	0.000897	0.000897	0.00000449	0.00646	0.00137	0.00851	0.016	0.00000449	14.6	0.0000154	0.000197	0.000127	0.00087
Active Closure (2037-2043): Mean	66.1	0.0576	0.0141	0.00109	14.9	0.0288	5.25	0.00109	0.00109	0.00000547	0.00775	0.00207	0.0105	0.0273	0.00000547	22.6	0.0000208	0.000321	0.000359	0.00104
Active Closure (2037-2043): Max	94.4	0.0901	0.0217	0.00126	22.2	0.0396	7.77	0.00126	0.00126	0.00000631	0.00897	0.00482	0.0118	0.0415	0.00000631	34	0.0000248	0.000461	0.000602	0.00141
Post Closure (2044-2119): Min	59.6	0.041	0.0123	0.00112	12.9	0.027	4.55	0.00101	0.000917	0.00000489	0.00471	0.000791	0.0108	0.0117	0.00000479	11.4	0.0000133	0.000167	0.000135	0.000803
Post Closure (2044-2119): Mean	162	0.0705	0.123	0.00374	28.1	0.0409	30.2	0.00155	0.00105	0.00000562	0.00623	0.00185	0.0333	0.0203	0.00000572	21.8	0.0000187	0.000705	0.000278	0.00122
Post Closure (2044-2119): Max	216	0.0954	0.189	0.00599	33.4	0.0636	66.2	0.00247	0.00122	0.00000643	0.00797	0.00347	0.0717	0.0286	0.00000691	34.8	0.0000265	0.00163	0.000427	0.00182
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	47.1	0.0831	0.00625	0.000899	11.5	0.0355	4.4	0.000899	0.000899	0.00000449	0.00724	0.00775	0.00998	0.0168	0.00000449	15	0.0000144	0.000199	0.000157	0.000863
2026 Feb	47.5	0.0833	0.00637	0.000899	11.6	0.0354	4.43	0.000899	0.000899	0.0000045	0.00724	0.00773	0.00996	0.017	0.0000045	15.2	0.0000145	0.000201	0.000161	0.000867
2026 Mar	47.8	0.0835	0.00646	0.000901	11.7	0.0355	4.46	0.000901	0.000901	0.0000045	0.00725	0.00979	0.00998	0.0172	0.0000045	15.3	0.0000145	0.000203	0.000164	0.000871
2026 Apr	48.5	0.0845	0.00658	0.000911	11.8	0.0358	4.52	0.000911	0.000911	0.00000455	0.00732	0.0194	0.0101	0.0175	0.00000455	15.5	0.0000147	0.000206	0.000167	0.000882
2026 May	50.7	0.0882	0.00689	0.000951	12.4	0.0374	4.72	0.000951	0.000951	0.00000475	0.00764	0.0221	0.0105	0.0183	0.00000475	16.2	0.0000153	0.000215	0.000175	0.000921
2026 Jun	39.9	0.0364	0.00685	0.000943	7.95	0.025	2.89	0.000943	0.000943	0.00000472	0.00721	0.0085	0.00975	0.0134	0.00000472	11.8	0.0000192	0.0002	0.000127	0.00069
2026 Jul	41.3	0.0327	0.00727	0.00101	7.98	0.0256	2.87	0.00101	0.00101	0.00000506	0.00766	0.00791	0.0104	0.0138	0.00000506	12	0.0000209	0.000211	0.000129	0.000714
2026 Aug	43	0.0337	0.00752	0.00106	8.38	0.0275	3.03	0.00106	0.00106	0.00000529	0.0079	0.00848	0.0108	0.0144	0.00000529	12.6	0.0000211	0.000217	0.000133	0.000752
2026 Sep	44.5	0.0355	0.00772	0.00109	8.71	0.0286	3.15	0.00109	0.00109	0.00000545	0.00813	0.00916	0.0112	0.0149	0.00000545	13	0.0000216	0.000223	0.000137	0.000778
2026 Oct	44.2	0.0395	0.00745	0.00107	8.84	0.0292	3.22	0.00107	0.00107	0.00000535	0.00804	0.0088	0.011	0.0148	0.00000535	13	0.0000209	0.000219	0.000135	0.00078
2026 Nov	44.6	0.0405	0.00747	0.00108	8.94	0.0295	3.26	0.00108	0.00108	0.00000538	0.00809	0.00878	0.0111	0.015	0.00000538	13.1	0.000021	0.00022	0.000136	0.000787
2026 Dec	44.6	0.0407	0.00747	0.00108	8.95	0.0296	3.27	0.00108	0.00108	0.00000538	0.0081	0.00877	0.0111	0.015	0.00000538	13.2	0.000021	0.00022	0.000136	0.000788
2027 Jan	44.7	0.0408	0.00749	0.00108	8.97	0.0296	3.27	0.00108	0.00108	0.00000538	0.0081	0.00877	0.0111	0.015	0.00000538	13.2	0.000021	0.00022	0.000136	0.000788
2027 Feb	44.7	0.0408	0.0075	0.00108	8.98	0.0296	3.28	0.00108	0.00108	0.00000538	0.0081	0.00877	0.0111	0.015	0.00000538	13.2	0.000021	0.000221	0.000137	0.000789
2027 Mar	44.8	0.0409	0.00752	0.00108	9	0.0296	3.28	0.00108	0.00108	0.00000539	0.00811	0.00877	0.0111	0.0151	0.00000539	13.2	0.000021	0.000221	0.000137	0.00079
2027 Apr	45.3	0.0413	0.0076	0.00109	9.09	0.0299	3.32	0.00109	0.00109	0.00000544	0.00819	0.00886	0.0112	0.0152	0.00000544	13.4	0.0000212	0.000223	0.000139	0.000798
2027 May	46.7	0.0426	0.00785	0.00112	9.38	0.0308	3.42	0.00112	0.00112	0.00000561	0.00844	0.0101	0.0116	0.0157	0.00000561	13.8	0.0000218	0.00023	0.000143	0.000823
2027 Jun	41.1	0.0305	0.00723	0.00103	7.86	0.026	2.82	0.00103	0.00103	0.00000515	0.00772	0.00868	0.0105	0.0136	0.00000515	11.9	0.000021	0.00021	0.000124	0.000715
2027 Jul	40.9	0.0266	0.00734	0.00105	7.59	0.0253	2.71	0.00105	0.00105	0.00000523	0.00784	0.00742	0.0107	0.0134	0.00000523	11.7	0.0000218	0.000213	0.000121	0.000706
2027 Aug	44.3	0.0292	0.00793	0.00113	8.29	0.0277	2.95	0.00113	0.00113	0.00000566	0.00845	0.00845	0.0116	0.0145	0.00000566	12.7	0.0000233	0.00023	0.000131	0.000766
2027 Sep	46.6	0.0612	0.00669	0.00107	10.1	0.0346	3.8	0.00107	0.00107	0.00000535	0.0083	0.00764	0.0116	0.0155	0.00000535	13.9	0.0000193	0.000216	0.000129	0.000846
2027 Oct	47.7	0.0841	0.00574	0.00101	11.3	0.0388	4.35	0.00101	0.00101	0.00000506	0.00821	0.00652	0.0114	0.0159	0.00000506	14.5	0.0000168	0.000203	0.000126	0.000895
2027 Nov	48	0.0875	0.00564	0.00101	11.5	0.0395	4.44	0.00101	0.00101	0.00000505	0.00824	0.00585	0.0114	0.0161	0.00000505	14.7	0.0000166	0.000203	0.000127	0.000905
2027 Dec	48.1	0.0882	0.00562	0.00101	11.5	0.0396	4.46	0.00101	0.00101	0.00000504	0.00824	0.00568	0.0114	0.0161	0.00000504	14.7	0.0000165	0.000203	0.000127	0.000907
2028 Jan	48.6	0.0886	0.00577	0.00101	11.6	0.0396	4.5	0.00101	0.00101	0.00000504	0.00823	0.00563	0.0114	0.0164	0.00000504	14.9	0.0000165	0.000205	0.000132	0.000913
2028 Feb	49.3	0.0889	0.006	0.00101	11.8	0.0395	4.56	0.00101	0.00101	0.00000504	0.00822	0.00562	0.0113	0.0168	0.00000504	15.2	0.0000166	0.000208	0.000139	0.00092
2028 Mar	49.7	0.0891	0.00615	0.00101	11.9	0.0394	4.6	0.00101	0.00101	0.00000505	0.00821	0.00561	0.0113	0.017	0.00000505	15.4	0.0000166	0.000211	0.000144	0.000925
2028 Apr	50.5	0.0902	0.00631	0.00102	12.1	0.0397	4.67	0.00102	0.00102	0.0000051	0.00829	0.00566	0.0114	0.0174	0.0000051	15.7	0.0000168	0.000214	0.000149	0.000938
2028 May	52.9	0.0942	0.00664	0.00107	12.7	0.0415	4.89	0.00107	0.00107	0.00000533	0.00865	0.0103	0.0119	0.0182	0.00000533	16.5	0.0000175	0.000225	0.000157	0.000981
2028 Jun	41.2	0.0415	0.00668	0.000995	8.28	0.0275	3.04	0.000995	0.000995	0.00000498	0.00769	0.0147	0.0104	0.0136	0.00000498	12	0.00002	0.000204	0.000119	0.000727
2028 Jul	38.3	0.022	0.00696	0.00101	6.86	0.0232	2.42	0.00101	0.00101	0.00000506	0.00763	0.00695	0.0103	0.0123	0.00000506	10.7	0.0000218	0.000204	0.000109	0.000657
2028 Aug	44.8	0.0259	0.00812	0.00118	8.06	0.0274	2.85	0.00118	0.00118	0.00000591	0.00888	0.00984	0.012	0.0144	0.00000591	12.6	0.0000252	0.000238	0.000127	0.00077
2028 Sep	45.7	0.0435	0.0074	0.00113	9.04	0.031	3.31	0.00113	0.00113	0.00000567	0.00869	0.0116	0.0119	0.0148	0.00000567	13.2	0.0000227	0.000228	0.000126	0.000809
2028 Oct	47	0.0881	0.00539	0.000985	11.3	0.0389	4.38	0.000985	0.000985	0.00000493	0.00812	0.00471	0.0111	0.0157	0.00000493	14.4	0.0000163	0.000197	0.000122	0.00089
2028 Nov	47.7	0.0906	0.0054	0.000993	11.5	0.0396	4.47	0.000993	0.000993	0.00000497	0.0082	0.00446	0.0112	0.0159	0.00000497	14.6	0.0000163	0.000199	0.000124	0.000904
2028 Dec	47.8	0.091	0.0054	0.000995	11.5	0.0398	4.49	0.000995	0.000995	0.00000497	0.00822	0.00443	0.0113	0.0159	0.00000497	14.6	0.0000163	0.000199	0.000124	0.000907
2029 Jan	48	0.0911	0.00546	0.000995	11.6	0.0397	4.5	0.000995	0.000995	0.00000497	0.00822	0.00442	0.0113	0.016	0.00000497	14.7	0.0000163	0.0002	0.000126	0.000909
2029 Feb	48.2	0.0912	0.00555	0.000995	11.6	0.0397	4.52	0.000995	0.000995	0.00000497	0.00821	0.00441	0.0112	0.0162	0.00000497	14.8	0.0000163	0.000201	0.000129	0.000911
2029 Mar	48.4	0.0913	0.0056	0.000995	11.7	0.0397	4.54	0.000995	0.000995	0.00000498	0.00821	0.00441	0.0112	0.0163	0.00000498	14.9	0.0000164	0.000202	0.000131	0.000913
2029 Apr	48.6	0.0916	0.00566	0.000998	11.7	0.0398	4.56	0.000998	0.000998	0.00000499	0.00823	0.00443	0.0113	0.0164	0.00000499	15	0.0000164	0.000203	0.000132	0.000917
2029 May	49.9	0.094	0.00582	0.00102	12	0.0408	4.68	0.00102	0.00102	0.00000512	0.00844	0.00494	0.0116	0.0169	0.00000512	15.4	0.0000168	0.000209	0.000136	0.000941
2029 Jun	48.2	0.0757	0.00637	0.00106	10.9	0.037	4.17	0.00106	0.00106	0.00000529	0.00852	0.0139	0.0116	0.0161	0.00000529	14.5	0.000019	0.000215	0.000132	0.000889
2029 Jul	35.4	0.0228	0.00626	0.000932	6.46	0.0223	2.31	0.000932	0.000932	0.00000466	0.00702	0.00396	0.00948	0.0114	0.00000466	9.98	0.0000196	0.000185	0.0000987	0.000617
2029 Aug	38.3	0.0249	0.00673	0.00101	7.07	0.0247	2.53	0.00101	0.00101	0.00000503	0.00751	0.00482	0.0103	0.0123	0.00000503	10.9	0.0000207	0.000199	0.000106	0.000671
2029 Sep	42.3	0.0416	0.0067	0.00105	8.47	0.0295	3.12	0.00105	0.00105	0.00000524	0.00797	0.00721	0.011	0.0138	0.00000524	12.2	0.0000203	0.000207	0.000115	0.000757
2029 Oct	44.1	0.0619	0.00608	0.00102	9.66	0.0336	3.66	0.00102	0.00102	0.00000508	0.00799	0.00754	0.011	0.0145	0.00000508	13.1	0.0000184	0.000202	0.000117	0.000813
2029 Nov	45.6	0.0839	0.00529	0.000963	10.9	0.0377	4.22	0.000963	0.000963	0.00000482	0.00789	0.00406	0.0108	0.0152	0.00000482	13.9	0.0000159	0.000192	0.000118	0.000864
2029 Dec	45.8	0.085	0.00528	0.000966	11	0.038	4.26	0.000966	0.000966	0.00000483	0.00792	0.00397	0.0109	0.0153	0.00000483	14	0.0000159	0.000192	0.000119	0.000869
2030 Jan	46.2	0.0853	0.00539	0.000966	11.1	0.038	4.29	0.000966	0.000966	0.00000483	0.00792	0.00394	0.0109	0.0155	0.00000483	14.1	0.0000159	0.000194	0.000123	0.000873
2030 Feb	46.7	0.0855	0.00555	0.000966	11.2	0.0379	4.33	0.000966	0.000966	0.00000483	0.00791	0.00394	0.0108	0.0158	0.00000483	14.4	0.0000159	0.000197	0.000128	0.000878
2030 Mar	47	0.0858	0.00565	0.000968	11.3	0.0379	4.36	0.000968	0.000968	0.00000484	0.00792	0.00394	0.0109	0.016	0.00000484	14.5	0.000016	0.000198	0.000131	0.000883
2030 Apr	47.4	0.0863	0.00574	0.000972	11.4	0.0381	4.4	0.000972	0.000972	0.00000486	0.00795	0.00396	0.0109	0.0161	0.00000486	14.7	0.0000161	0.0002	0.000134	0.000889
2030 May	49.5	0.0899	0.00601	0.00101	11.9	0.0396	4.59	0.00101	0.00101	0.00000506	0.00828	0.0117	0.0113	0.0169	0.00000506	15.3	0.0000167	0.000209	0.00014	0.000927
2030 Jun	42.9	0.0532	0.00642	0.000999	9.07	0.0305	3.39	0.000999	0.000999	0.000005	0.00784	0.0116	0.0107	0.0142	0.000005	12.7	0.0000192	0.000203	0.000121	0.000772
2030 Jul	39.4	0.0327	0.00663	0.000996	7.55	0.0258	2.74	0.000996	0.000996	0.00000498	0.00758	0.00721	0.0103	0.0128	0.00000498	11.3	0.0000204	0.000199	0.000111	0.000693
2030 Aug	42.7	0.035	0.00715	0.00108	8.25	0.0286	3	0.00108	0.00108	0.00000541	0.00814	0.00869	0.0111	0.0139	0.00000541	12.3	0.0000215	0.000214	0.00012	0.000759
2030 Sep	46.2	0.0411	0.00756	0.00116	9.11	0.0317	3.33	0.00116	0.00116	0.00000578	0.0087	0.0129	0.012	0.0151	0.00000578	13.4	0.0000225	0.000228	0.000129	0.000824
2030 Oct	46.2	0.0559	0.00683	0.0011	9.76	0.0339	3.65	0.0011	0.0011	0.00000548	0.00846	0.0121	0.0116	0.0152	0.00000548	13.6	0.0000203	0.000217	0.000126	0.000842
2030 Nov	46.5	0.0677	0.00629	0.00105	10.3	0.0358	3.92	0.00105	0.00105	0.00000527	0.00832	0.00942	0.0114	0.0154	0.00000527	13.9	0.0000188	0.000209	0.000125	0.000861
2030 Dec	46.7	0.069	0.00626	0.00105	10.4	0.0361	3.96	0.00105	0.00105	0.00000527	0.00833	0.0092	0.0115	0.0155	0.00000527	14	0.0000187	0.000209	0.000125	0.000865
2031 Jan	47.1	0.0695	0.00638	0.00105	10.5	0.0361	4	0.00105	0.00105	0.00000527	0.00833	0.00912	0.0114	0.0157	0.00000527	14.1	0.0000187	0.000211	0.000129	0.00087

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	47.6	0.0699	0.00656	0.00105	10.7	0.036	4.05	0.00105	0.00105	0.00000527	0.00831	0.00908	0.0114	0.016	0.00000527	14.4	0.0000187	0.000214	0.000135	0.000876
2031 Mar	48	0.0701	0.00668	0.00105	10.8	0.036	4.09	0.00105	0.00105	0.00000527	0.00831	0.00907	0.0114	0.0162	0.00000527	14.6	0.0000187	0.000216	0.000139	0.00088
2031 Apr	48.9	0.0713	0.00685	0.00107	11	0.0365	4.17	0.00107	0.00107	0.00000535	0.00843	0.014	0.0116	0.0166	0.00000535	14.9	0.000019	0.00022	0.000143	0.000896
2031 May	54.5	0.075	0.00835	0.00112	12.3	0.0373	4.61	0.00112	0.00112	0.00000561	0.00876	0.0305	0.012	0.0193	0.00000561	17	0.0000202	0.000248	0.000187	0.000969
2031 Jun	70.9	0.0607	0.0162	0.00101	16.2	0.0242	5.65	0.00101	0.00101	0.00000507	0.00722	0.0101	0.00945	0.0306	0.00000507	25.1	0.0000207	0.000351	0.000434	0.00106
2031 Jul	81.7	0.0691	0.0186	0.00119	18.6	0.0286	6.49	0.00119	0.00119	0.00000595	0.00844	0.013	0.0111	0.0351	0.00000595	28.8	0.0000241	0.000404	0.000496	0.00123
2031 Aug	78.8	0.0656	0.0171	0.00125	18.1	0.034	6.35	0.00125	0.00125	0.00000623	0.00841	0.0153	0.0119	0.0333	0.00000623	27.5	0.0000217	0.00038	0.000445	0.00123
2031 Sep	61.5	0.0787	0.0105	0.00108	14.7	0.0386	5.39	0.00108	0.00108	0.00000542	0.00783	0.0104	0.0117	0.0238	0.00000542	20.5	0.0000162	0.000277	0.000266	0.00104
2031 Oct	50.9	0.0965	0.00622	0.000963	12.7	0.0406	4.9	0.000963	0.000963	0.00000482	0.00781	0.00458	0.011	0.018	0.00000482	16.2	0.0000144	0.000209	0.00016	0.000945
2031 Nov	51.1	0.0987	0.00611	0.000971	12.8	0.0412	4.95	0.000971	0.000971	0.00000485	0.00791	0.00421	0.0111	0.018	0.00000485	16.2	0.0000146	0.000209	0.000157	0.000954
2031 Dec	51.1	0.0989	0.0061	0.000972	12.8	0.0413	4.95	0.000972	0.000972	0.00000486	0.00793	0.00417	0.0111	0.018	0.00000486	16.3	0.0000146	0.000209	0.000157	0.000955
2032 Jan	51.3	0.099	0.00616	0.000972	12.8	0.0413	4.97	0.000972	0.000972	0.00000486	0.00793	0.00416	0.0111	0.0181	0.00000486	16.3	0.0000146	0.00021	0.000159	0.000957
2032 Feb	51.6	0.0991	0.00626	0.000972	12.9	0.0412	4.99	0.000972	0.000972	0.00000486	0.00792	0.00415	0.0111	0.0182	0.00000486	16.5	0.0000146	0.000211	0.000162	0.00096
2032 Mar	51.8	0.0993	0.00632	0.000974	13	0.0412	5.01	0.000974	0.000974	0.00000487	0.00792	0.00415	0.0111	0.0183	0.00000487	16.6	0.0000146	0.000212	0.000164	0.000962
2032 Apr	52.4	0.1	0.00641	0.000982	13.1	0.0415	5.06	0.000982	0.000982	0.00000491	0.00799	0.00419	0.0112	0.0186	0.00000491	16.7	0.0000148	0.000215	0.000166	0.000972
2032 May	54.7	0.104	0.00671	0.00102	13.7	0.0433	5.28	0.00102	0.00102	0.00000512	0.00833	0.0112	0.0116	0.0194	0.00000512	17.5	0.0000154	0.000224	0.000174	0.00101
2032 Jun	42.9	0.0521	0.00662	0.00097	9.16	0.0296	3.4	0.00097	0.00097	0.00000485	0.00754	0.00828	0.0103	0.0145	0.00000485	12.9	0.0000184	0.000203	0.00013	0.000763
2032 Jul	34.2	0.0263	0.00593	0.000861	6.51	0.0217	2.34	0.000861	0.000861	0.0000043	0.00651	0.00422	0.00884	0.0112	0.0000043	9.83	0.0000177	0.000175	0.0001	0.000595
2032 Aug	36	0.028	0.00616	0.000903	6.99	0.0238	2.52	0.000903	0.000903	0.00000452	0.00671	0.00467	0.00937	0.0118	0.00000452	10.4	0.0000177	0.000182	0.000104	0.00063
2032 Sep	39.1	0.0348	0.00643	0.000962	7.87	0.0271	2.86	0.000962	0.000962	0.00000481	0.00713	0.007	0.0102	0.0129	0.00000481	11.5	0.000018	0.000194	0.000111	0.00069
2032 Oct	41.1	0.0459	0.00628	0.000975	8.64	0.0298	3.2	0.000975	0.000975	0.00000487	0.00738	0.0086	0.0104	0.0136	0.00000487	12.2	0.0000177	0.000196	0.000114	0.000737
2032 Nov	42.9	0.0577	0.00606	0.00098	9.42	0.0325	3.54	0.00098	0.00098	0.0000049	0.00759	0.00728	0.0107	0.0143	0.0000049	12.8	0.0000173	0.000197	0.000117	0.000783
2032 Dec	44.5	0.0709	0.00572	0.000974	10.2	0.0353	3.91	0.000974	0.000974	0.00000487	0.00773	0.00564	0.0108	0.0148	0.00000487	13.5	0.0000165	0.000195	0.000119	0.000826
2033 Jan	45.5	0.0723	0.00601	0.000975	10.5	0.0353	4.01	0.000975	0.000975	0.00000487	0.00773	0.00552	0.0108	0.0154	0.00000487	13.9	0.0000165	0.0002	0.000129	0.000839
2033 Feb	46.7	0.073	0.0064	0.000976	10.8	0.0352	4.11	0.000976	0.000976	0.00000488	0.00771	0.00549	0.0107	0.0161	0.00000488	14.4	0.0000165	0.000206	0.000142	0.000852
2033 Mar	47.6	0.0736	0.00663	0.00098	11	0.0352	4.19	0.00098	0.00098	0.0000049	0.00773	0.0055	0.0108	0.0165	0.0000049	14.8	0.0000166	0.00021	0.00015	0.000863
2033 Apr	48.8	0.0753	0.00687	0.000999	11.3	0.0359	4.29	0.000999	0.000999	0.000005	0.00788	0.0056	0.011	0.017	0.000005	15.2	0.000017	0.000216	0.000156	0.000883
2033 May	64.5	0.075	0.0126	0.00102	15.1	0.0312	5.44	0.00102	0.00102	0.00000512	0.00765	0.0107	0.0104	0.0262	0.00000512	22	0.0000189	0.000303	0.000333	0.00103
2033 Jun	64.1	0.0518	0.015	0.000898	14.6	0.0204	5.06	0.000898	0.000898	0.00000449	0.00633	0.00597	0.00827	0.0279	0.00000449	22.8	0.0000186	0.00032	0.000403	0.000942
2033 Jul	66.6	0.0527	0.0155	0.00096	15.1	0.0218	5.21	0.00096	0.00096	0.0000048	0.00677	0.00659	0.00887	0.0288	0.0000048	23.5	0.0000199	0.000333	0.000411	0.000985
2033 Aug	74.9	0.0593	0.0173	0.00109	17	0.0252	5.87	0.00109	0.00109	0.00000544	0.00764	0.00873	0.0101	0.0323	0.00000544	26.4	0.0000222	0.000374	0.000459	0.00111
2033 Sep	57.8	0.0827	0.00963	0.000995	13.9	0.0355	5.14	0.000995	0.000995	0.00000498	0.00763	0.00649	0.0107	0.0222	0.00000498	19.2	0.0000165	0.000259	0.00025	0.000982
2033 Oct	47.9	0.0976	0.00541	0.000914	12.1	0.0395	4.7	0.000914	0.000914	0.00000457	0.00762	0.0027	0.0105	0.0166	0.00000457	15.1	0.000014	0.000194	0.00014	0.000904
2033 Nov	48.2	0.0994	0.00533	0.000924	12.2	0.0401	4.75	0.000924	0.000924	0.00000462	0.00772	0.00245	0.0106	0.0167	0.00000462	15.2	0.0000141	0.000194	0.000138	0.000914
2033 Dec	48.3	0.0996	0.00533	0.000925	12.2	0.0402	4.76	0.000925	0.000925	0.00000462	0.00774	0.00244	0.0106	0.0167	0.00000462	15.2	0.0000141	0.000194	0.000138	0.000915
2034 Jan	48.4	0.0997	0.00537	0.000925	12.2	0.0402	4.77	0.000925	0.000925	0.00000463	0.00774	0.00244	0.0106	0.0167	0.00000463	15.3	0.0000141	0.000195	0.00014	0.000916
2034 Feb	48.6	0.0997	0.00542	0.000925	12.2	0.0402	4.78	0.000925	0.000925	0.00000463	0.00773	0.00244	0.0106	0.0168	0.00000463	15.3	0.0000141	0.000196	0.000141	0.000918
2034 Mar	48.7	0.0999	0.00546	0.000926	12.3	0.0402	4.79	0.000926	0.000926	0.00000463	0.00774	0.00245	0.0106	0.0169	0.00000463	15.4	0.0000141	0.000196	0.000143	0.00092
2034 Apr	49.4	0.101	0.00554	0.000938	12.4	0.0407	4.85	0.000938	0.000938	0.00000469	0.00783	0.00248	0.0108	0.0171	0.00000469	15.6	0.0000143	0.000199	0.000145	0.000932
2034 May	54.6	0.103	0.0071	0.000982	13.6	0.0408	5.24	0.000982	0.000982	0.00000491	0.00807	0.00873	0.011	0.0198	0.00000491	17.7	0.0000155	0.000227	0.00019	0.000995
2034 Jun	68.6	0.0771	0.0145	0.00095	16.4	0.0278	5.83	0.00095	0.00095	0.00000475	0.00701	0.00549	0.00925	0.0293	0.00000475	24.3	0.000018	0.000325	0.000402	0.00106
2034 Jul	67.7	0.0739	0.0142	0.000975	16	0.0287	5.73	0.000975	0.000975	0.00000487	0.00709	0.00574	0.00941	0.0288	0.00000487	23.9	0.000018	0.000319	0.00039	0.00106
2034 Aug	77.6	0.0845	0.0162	0.00113	18.4	0.0333	6.58	0.00113	0.00113	0.00000563	0.00815	0.00769	0.0109	0.033	0.00000563	27.3	0.0000205	0.000365	0.000445	0.00122
2034 Sep	59.6	0.0978	0.00914	0.00102	14.7	0.0391	5.52	0.00102	0.00102	0.00000508	0.00808	0.00557	0.011	0.0227	0.00000508	19.8	0.0000166	0.000257	0.000246	0.00104
2034 Oct	49	0.103	0.00531	0.000935	12.4	0.041	4.85	0.000935	0.000935	0.00000467	0.00786	0.00264	0.0108	0.0169	0.00000467	15.4	0.0000142	0.000195	0.000139	0.000932
2034 Nov	49.6	0.105	0.00532	0.00095	12.5	0.0418	4.92	0.00095	0.00095	0.00000475	0.00799	0.0025	0.0109	0.0171	0.00000475	15.6	0.0000144	0.000197	0.00014	0.000946
2034 Dec	49.7	0.105	0.00532	0.000951	12.6	0.0419	4.93	0.000951	0.000951	0.00000476	0.00801	0.00249	0.011	0.0171	0.00000476	15.6	0.0000145	0.000198	0.00014	0.000947
2035 Jan	49.8	0.105	0.00537	0.000952	12.6	0.0419	4.94	0.000952	0.000952	0.00000476	0.00801	0.00249	0.011	0.0172	0.00000476	15.7	0.0000145	0.000198	0.000141	0.000949
2035 Feb	50	0.105	0.00544	0.000952	12.7	0.0418	4.96	0.000952	0.000952	0.00000476	0.008	0.00249	0.011	0.0173	0.00000476	15.8	0.0000145	0.0002	0.000143	0.000951
2035 Mar	50.2	0.105	0.00548	0.000953	12.7	0.0418	4.97	0.000953	0.000953	0.00000476	0.00801	0.00249	0.011	0.0174	0.00000476	15.8	0.0000145	0.0002	0.000145	0.000953
2035 Apr	50.9	0.106	0.00558	0.000965	12.9	0.0423	5.04	0.000965	0.000965	0.00000482	0.00811	0.00252	0.0111	0.0176	0.00000482	16.1	0.0000147	0.000203	0.000147	0.000966
2035 May	54.5	0.112	0.00614	0.00102	13.8	0.0446	5.38	0.00102	0.00102	0.00000512	0.00858	0.00744	0.0117	0.019	0.00000512	17.3	0.0000157	0.000219	0.000163	0.00103
2035 Jun	49.5	0.0495	0.00959	0.000923	10.8	0.025	3.88	0.000923	0.000923	0.00000461	0.00696	0.00478	0.00929	0.019	0.00000461	16.1	0.0000185	0.000242	0.000228	0.000806
2035 Jul	48.8	0.0452	0.00946	0.000956	10.4	0.0249	3.72	0.000956	0.000956	0.00000478	0.00719	0.00478	0.00961	0.0184	0.00000478	15.6	0.0000195	0.000242	0.000215	0.000797
2035 Aug	51.7	0.0484	0.00975	0.00102	11.2	0.0285	3.99	0.00102	0.00102	0.00000512	0.00753	0.00568	0.0106	0.0193	0.00000512	16.6	0.0000193	0.000254	0.000218	0.000849
2035 Sep	47.8	0.0872	0.00565	0.000957	11.8	0.0403	4.55	0.000957	0.000957	0.00000478	0.00751	0.00342	0.0112	0.0164	0.00000478	15	0.0000133	0.000199	0.000132	0.000887
2035 Oct	47.5	0.0982	0.00499	0.000937	12	0.0412	4.68	0.000937	0.000937	0.00000469	0.00774	0.00373	0.0109	0.0161	0.00000469	14.8	0.0000137	0.00019	0.000125	0.000907
2035 Nov	46.6	0.0987	0.00477	0.000916	11.8	0.0406	4.63	0.000916	0.000916	0.00000458	0.00765	0.00267	0.0107	0.0157	0.00000458	14.5	0.0000135	0.000185	0.000121	0.000894
2035 Dec	46.8	0.0994	0.00478	0.000921	11.9	0.0409	4.66	0.000921	0.000921	0.00000461	0.0077	0.0026	0.0107	0.0158	0.00000461	14.6	0.0000136	0.000186	0.000121	0.000899
2036 Jan	47.2	0.0996	0.0049	0.000922	11.9	0.0408	4.69	0.000922	0.000922	0.00000461	0.0077	0.00259	0.0107	0.016	0.00000461	14.8	0.0000136	0.000188	0.000125	0.000904
2036 Feb	47.7	0.0997	0.00507	0.000922	12.1	0.0407	4.73	0.000922	0.000922	0.00000461	0.00769	0.0026	0.0107	0.0163	0.00000461	15	0.0000137	0.00019	0.000131	0.000909
2036 Mar	48	0.0998	0.00518	0.000923	12.1	0.0407	4.75	0.000923	0.000923	0.00000461	0.00768	0.0026	0.0107	0.0165	0.00000461	15.1	0.0000137	0.000192	0.000134	0.000912
2036 Apr	48.9	0.101	0.00533	0.000937	12.4	0.0412	4.84	0.000937	0.000937	0.00000468	0.0078	0.00666	0.0109	0.0169	0.00000468	15.4	0.0000139	0.000196	0.000138	0.000928
2036 May	52.2	0.108	0.00574	0.000997	13.2	0.0438	5.16	0.000997	0.000997	0.00000498	0.00829	0.0181	0.0115	0.018	0.00000498	16.5	0.0000148	0.000209	0.000149	0.000988
2036 Jun	41.4	0.0503	0.00633	0.000947	8.77	0.0287	3.26	0.000947	0.000947	0.00000474	0.0074	0.00864	0.0101	0.0138	0.00000474	12.3	0.0000182	0.000197	0.000122	0.000737
2036 Jul	39.7	0.0356	0.0066	0.000978	7.81	0.0263	2.85	0.000978	0.000978	0.00000489	0.00743	0.00643	0.0101	0.0131	0.00000489	11.5	0.0000195	0.000197	0.000115	0.000701
2036 Aug	44.8	0.0401	0.00741	0.0011	8.91	0.0303	3.25	0.0011	0.0011	0.00000552	0.0083	0.00833	0.0115	0.0148	0.00000552	13.1	0.0000214	0.000222	0.00013	0.000795
2036 Sep	45.7	0.0553	0.00672	0.00106	9.9	0.0344	3.68	0.00106	0.00106	0.00000532	0.00801	0.00953	0.0116	0.0152	0.00000532	13.7	0.0000183	0.000213	0.000126	0.000825
2036 Oct	46.5	0.0814	0.00559	0.000988	11	0.0382	4.25	0.000988	0.000988	0.00000494	0.00792	0.00623	0.0111	0.0156	0.00000494	14.2	0.0000159	0.000198	0.000123	0.000873
2036 Nov	46.7	0.0856	0.00542	0.000977	11.2	0.0389	4.35	0.000977	0.000977	0.00000489	0.00792	0.00529	0.0111	0.0156	0.00000489	14.3	0.0000156	0.000196	0.000122	0.000882
2036 Dec	46.9	0.088	0.00534	0.000974	11.3	0.0393	4.41	0.000974	0.000974	0.00000487	0.00794	0.00482	0.0111	0.0157	0.00000487	14.4	0.0000154	0.000195	0.000122	0.000888
2037 Jan	47.4	0.0884	0.00549	0.000975	11.5	0.0393	4.45	0.000975	0.000975	0.00000487	0.00793	0.00478	0.0111	0.016	0.00000487	14.6	0.0000154	0.000197	0.000127	0.000894
2037 Feb	47.9	0.0887	0.00568	0.000975	11.6	0.0392	4.5	0.000975	0.000975	0.00000488	0.00793	0.00477	0.011	0.0163	0.00000488	14.9	0.0000155	0.0002	0.000134	0.0009
2037 Mar	48.4	0.0891	0.00581	0.000979	11.8	0.0393	4.54	0.000979	0.000979	0.00000489	0.00795	0.00478	0.0111	0.0166	0.00000489	15.1	0.0000155	0.000203	0.000138	0.000906
2037 Apr	49.1	0.0901	0.00592	0.000989	11.9	0.0396	4.6	0.000989	0.000989	0.00000494	0.00802	0.00482	0.0112	0.0168	0.00000494	15.3	0.0000157	0.000206	0.000141	0.000917
2037 May	60.2	0.0858	0.0103	0.001	14.5	0.0351	5.34	0.001	0.001	0.00000502	0.00777	0.00411	0.0106	0.0235	0.00000502	20.2	0.0000173	0.000271	0.000273	0.00101
2037 Jun	64.9	0.0633	0.0144	0.000897	15.2	0.0236	5.34	0.000897	0.000897	0.00000449	0.00646	0.00242	0.00851	0.028	0.00000449	23.1	0.0000176	0.000315	0.000395	0.000977

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	69.1	0.0664	0.0153	0.000975	16.1	0.0256	5.66	0.000975	0.000975	0.00000487	0.00701	0.00256	0.00925	0.0297	0.00000487	24.5	0.0000192	0.000336	0.000416	0.00104
2037 Aug	74.8	0.0718	0.0165	0.00106	17.4	0.0279	6.13	0.00106	0.00106	0.0000053	0.0076	0.00277	0.0101	0.0321	0.0000053	26.5	0.0000207	0.000363	0.000449	0.00113
2037 Sep	77.8	0.0755	0.0171	0.00111	18.1	0.0296	6.39	0.00111	0.00111	0.00000554	0.00795	0.00287	0.0106	0.0333	0.00000554	27.5	0.0000215	0.000377	0.000464	0.00118
2037 Oct	74.1	0.0758	0.0159	0.00107	17.4	0.0297	6.14	0.00107	0.00107	0.00000536	0.00778	0.00269	0.0104	0.0315	0.00000536	26.1	0.0000205	0.000356	0.000431	0.00114
2037 Nov	73.7	0.0768	0.0157	0.00107	17.3	0.0301	6.13	0.00107	0.00107	0.00000536	0.00781	0.00266	0.0104	0.0312	0.00000536	25.9	0.0000204	0.000353	0.000425	0.00114
2037 Dec	73.7	0.077	0.0156	0.00107	17.3	0.0302	6.14	0.00107	0.00107	0.00000537	0.00782	0.00265	0.0104	0.0312	0.00000537	25.9	0.0000204	0.000353	0.000424	0.00114
2038 Jan	73.8	0.0771	0.0156	0.00107	17.3	0.0302	6.14	0.00107	0.00107	0.00000537	0.00782	0.00265	0.0104	0.0312	0.00000537	25.9	0.0000204	0.000353	0.000425	0.00114
2038 Feb	73.8	0.0771	0.0157	0.00107	17.3	0.0302	6.15	0.00107	0.00107	0.00000537	0.00782	0.00265	0.0104	0.0312	0.00000537	25.9	0.0000204	0.000353	0.000425	0.00114
2038 Mar	73.9	0.0772	0.0157	0.00107	17.3	0.0302	6.15	0.00107	0.00107	0.00000537	0.00782	0.00265	0.0104	0.0313	0.00000537	25.9	0.0000204	0.000354	0.000426	0.00114
2038 Apr	74.3	0.0776	0.0158	0.00108	17.4	0.0304	6.19	0.00108	0.00108	0.0000054	0.00786	0.00267	0.0105	0.0315	0.0000054	26.1	0.0000205	0.000356	0.000428	0.00115
2038 May	77.3	0.079	0.0167	0.0011	18.2	0.0305	6.42	0.0011	0.0011	0.00000551	0.00799	0.00268	0.0106	0.033	0.00000551	27.3	0.0000211	0.000372	0.000455	0.00118
2038 Jun	76.1	0.069	0.0176	0.000997	17.8	0.0246	6.22	0.000997	0.000997	0.00000498	0.00702	0.00217	0.00919	0.0336	0.00000498	27.5	0.0000199	0.000373	0.000488	0.00112
2038 Jul	85.5	0.0774	0.0197	0.00112	20	0.0277	6.98	0.00112	0.00112	0.00000561	0.00791	0.00244	0.0104	0.0377	0.00000561	30.8	0.0000224	0.000419	0.000547	0.00126
2038 Aug	94.1	0.0852	0.0217	0.00124	22.1	0.0306	7.69	0.00124	0.00124	0.00000619	0.00871	0.00269	0.0114	0.0415	0.00000619	34	0.0000247	0.000461	0.000602	0.00139
2038 Sep	93.6	0.0861	0.0215	0.00124	22	0.0311	7.66	0.00124	0.00124	0.00000619	0.00874	0.00266	0.0115	0.0412	0.00000619	33.7	0.0000246	0.000457	0.000594	0.00139
2038 Oct	90.9	0.0861	0.0206	0.00121	21.4	0.0312	7.48	0.00121	0.00121	0.00000607	0.00863	0.00257	0.0114	0.0398	0.00000607	32.6	0.0000239	0.000442	0.00057	0.00135
2038 Nov	91.1	0.0866	0.0206	0.00122	21.4	0.0314	7.5	0.00122	0.00122	0.00000609	0.00867	0.00258	0.0114	0.0399	0.00000609	32.7	0.000024	0.000443	0.000571	0.00136
2038 Dec	91.1	0.0867	0.0206	0.00122	21.4	0.0315	7.5	0.00122	0.00122	0.00000609	0.00867	0.00258	0.0114	0.0399	0.00000609	32.7	0.000024	0.000443	0.00057	0.00136
2039 Jan	91.1	0.0867	0.0206	0.00122	21.4	0.0315	7.5	0.00122	0.00122	0.00000609	0.00867	0.00258	0.0114	0.0399	0.00000609	32.7	0.000024	0.000443	0.00057	0.00136
2039 Feb	91.2	0.0867	0.0206	0.00122	21.4	0.0315	7.51	0.00122	0.00122	0.00000609	0.00867	0.00258	0.0114	0.0399	0.00000609	32.7	0.000024	0.000443	0.000571	0.00136
2039 Mar	91.3	0.0868	0.0206	0.00122	21.5	0.0315	7.52	0.00122	0.00122	0.0000061	0.00868	0.00258	0.0114	0.0399	0.0000061	32.8	0.000024	0.000444	0.000572	0.00136
2039 Apr	91.8	0.0873	0.0208	0.00123	21.6	0.0317	7.56	0.00123	0.00123	0.00000614	0.00873	0.0026	0.0115	0.0402	0.00000614	33	0.0000241	0.000446	0.000575	0.00137
2039 May	94.4	0.0897	0.0213	0.00126	22.2	0.0326	7.77	0.00126	0.00126	0.00000631	0.00897	0.00267	0.0118	0.0413	0.00000631	33.9	0.0000248	0.000459	0.000591	0.00141
2039 Jun	73.1	0.0631	0.0162	0.00112	16.5	0.0273	5.77	0.00112	0.00112	0.00000559	0.00805	0.00203	0.0106	0.0308	0.00000559	25.4	0.0000228	0.000363	0.000424	0.00111
2039 Jul	61.2	0.0485	0.0133	0.00103	13.5	0.0255	4.73	0.00103	0.00103	0.00000516	0.00732	0.00169	0.00978	0.0252	0.00000516	20.8	0.0000204	0.000303	0.000334	0.000959
2039 Aug	60.4	0.0462	0.0129	0.00106	13.3	0.0274	4.71	0.00106	0.00106	0.00000529	0.00729	0.00168	0.00986	0.0249	0.00000529	20.5	0.0000195	0.000293	0.000322	0.000976
2039 Sep	61.9	0.0477	0.0132	0.00109	13.7	0.0283	4.83	0.00109	0.00109	0.00000543	0.00749	0.00172	0.0101	0.0255	0.00000543	21	0.00002	0.0003	0.000329	0.001
2039 Oct	61.5	0.0481	0.0131	0.00108	13.6	0.0283	4.81	0.00108	0.00108	0.0000054	0.00746	0.00171	0.0101	0.0253	0.0000054	20.9	0.0000199	0.000297	0.000326	0.000996
2039 Nov	61.7	0.0483	0.0131	0.00108	13.6	0.0284	4.83	0.00108	0.00108	0.00000541	0.00749	0.00171	0.0101	0.0253	0.00000541	20.9	0.0000199	0.000298	0.000326	0.000999
2039 Dec	61.7	0.0484	0.0131	0.00108	13.6	0.0284	4.83	0.00108	0.00108	0.00000542	0.00749	0.00172	0.0101	0.0253	0.00000542	20.9	0.0000199	0.000298	0.000326	0.001
2040 Jan	61.7	0.0484	0.0131	0.00108	13.6	0.0284	4.83	0.00108	0.00108	0.00000542	0.00749	0.00172	0.0101	0.0253	0.00000542	20.9	0.0000199	0.000298	0.000326	0.001
2040 Feb	61.7	0.0485	0.0131	0.00108	13.6	0.0284	4.83	0.00108	0.00108	0.00000542	0.00749	0.00172	0.0101	0.0254	0.00000542	20.9	0.0000199	0.000299	0.000327	0.001
2040 Mar	61.8	0.0485	0.0131	0.00108	13.7	0.0284	4.84	0.00108	0.00108	0.00000542	0.0075	0.00172	0.0101	0.0254	0.00000542	21	0.00002	0.000299	0.000327	0.001
2040 Apr	62	0.0487	0.0132	0.00109	13.7	0.0286	4.86	0.00109	0.00109	0.00000544	0.00753	0.00172	0.0102	0.0255	0.00000544	21	0.00002	0.0003	0.000328	0.00101
2040 May	63.5	0.0498	0.0135	0.00111	14	0.029	4.97	0.00111	0.00111	0.00000554	0.00766	0.00176	0.0104	0.0261	0.00000554	21.6	0.0000204	0.000307	0.000338	0.00103
2040 Jun	62.2	0.0476	0.0136	0.00104	13.8	0.0261	4.85	0.00104	0.00104	0.0000052	0.00718	0.00164	0.00964	0.026	0.0000052	21.4	0.0000197	0.000304	0.000346	0.000983
2040 Jul	63.9	0.0486	0.014	0.00107	14.1	0.0269	4.97	0.00107	0.00107	0.00000536	0.00742	0.00168	0.00996	0.0266	0.00000536	21.9	0.0000204	0.000313	0.000354	0.00101
2040 Aug	66.1	0.0503	0.0145	0.00111	14.6	0.0279	5.14	0.00111	0.00111	0.00000556	0.00768	0.00174	0.0103	0.0275	0.00000556	22.7	0.0000211	0.000323	0.000366	0.00105
2040 Sep	66.5	0.0509	0.0145	0.00112	14.7	0.0283	5.18	0.00112	0.00112	0.0000056	0.00774	0.00175	0.0104	0.0277	0.0000056	22.8	0.0000211	0.000325	0.000366	0.00105
2040 Oct	66.8	0.0514	0.0146	0.00113	14.8	0.0286	5.22	0.00113	0.00113	0.00000563	0.00779	0.00176	0.0105	0.0278	0.00000563	22.9	0.0000212	0.000327	0.000368	0.00106
2040 Nov	67.1	0.0517	0.0146	0.00113	14.9	0.0287	5.23	0.00113	0.00113	0.00000565	0.00782	0.00176	0.0105	0.0279	0.00000565	23	0.0000213	0.000328	0.000369	0.00106
2040 Dec	67.1	0.0517	0.0146	0.00113	14.9	0.0287	5.24	0.00113	0.00113	0.00000566	0.00782	0.00176	0.0105	0.0279	0.00000566	23	0.0000213	0.000328	0.000369	0.00106
2041 Jan	67.1	0.0517	0.0146	0.00113	14.9	0.0287	5.24	0.00113	0.00113	0.00000566	0.00783	0.00176	0.0105	0.0279	0.00000566	23	0.0000213	0.000328	0.000369	0.00106
2041 Feb	67.1	0.0517	0.0146	0.00113	14.9	0.0287	5.24	0.00113	0.00113	0.00000566	0.00783	0.00176	0.0105	0.0279	0.00000566	23	0.0000213	0.000328	0.000369	0.00106
2041 Mar	67.2	0.0518	0.0146	0.00113	14.9	0.0287	5.24	0.00113	0.00113	0.00000566	0.00783	0.00176	0.0106	0.0279	0.00000566	23	0.0000213	0.000328	0.00037	0.00106
2041 Apr	67.3	0.0519	0.0147	0.00113	14.9	0.0288	5.26	0.00113	0.00113	0.00000567	0.00785	0.00177	0.0106	0.028	0.00000567	23.1	0.0000214	0.000329	0.000371	0.00107
2041 May	68.1	0.0525	0.0148	0.00115	15.1	0.0291	5.32	0.00115	0.00115	0.00000574	0.00794	0.00179	0.0107	0.0283	0.00000574	23.3	0.0000216	0.000333	0.000375	0.00108
2041 Jun	62.2	0.0457	0.0135	0.0011	13.5	0.0272	4.76	0.0011	0.0011	0.00000549	0.00766	0.00162	0.0103	0.0254	0.00000549	21	0.0000212	0.000307	0.00033	0.00099
2041 Jul	57.1	0.0405	0.0123	0.00104	12.3	0.0254	4.3	0.00104	0.00104	0.00000521	0.00731	0.00149	0.00984	0.023	0.00000521	19.1	0.0000203	0.000284	0.000295	0.000912
2041 Aug	59.7	0.0423	0.0128	0.00109	12.8	0.0265	4.5	0.00109	0.00109	0.00000544	0.00763	0.00155	0.0103	0.0241	0.00000544	19.9	0.0000212	0.000297	0.000308	0.000953
2041 Sep	60.3	0.043	0.0129	0.0011	13	0.0269	4.55	0.0011	0.0011	0.0000055	0.00772	0.00157	0.0104	0.0243	0.0000055	20.1	0.0000214	0.0003	0.000311	0.000964
2041 Oct	60.1	0.0433	0.0129	0.0011	12.9	0.027	4.54	0.0011	0.0011	0.00000549	0.0077	0.00156	0.0104	0.0242	0.00000549	20.1	0.0000213	0.000298	0.000309	0.000962
2041 Nov	60.3	0.0435	0.0129	0.0011	13	0.0271	4.56	0.0011	0.0011	0.00000551	0.00773	0.00157	0.0104	0.0243	0.00000551	20.1	0.0000214	0.000299	0.00031	0.000965
2041 Dec	60.3	0.0436	0.0129	0.0011	13	0.0271	4.56	0.0011	0.0011	0.00000551	0.00774	0.00157	0.0104	0.0243	0.00000551	20.1	0.0000214	0.000299	0.00031	0.000966
2042 Jan	60.3	0.0436	0.0129	0.0011	13	0.0271	4.56	0.0011	0.0011	0.00000551	0.00774	0.00157	0.0104	0.0243	0.00000551	20.1	0.0000214	0.000299	0.00031	0.000966
2042 Feb	60.4	0.0436	0.0129	0.0011	13	0.0271	4.56	0.0011	0.0011	0.00000551	0.00774	0.00157	0.0104	0.0243	0.00000551	20.1	0.0000214	0.000299	0.000311	0.000966
2042 Mar	60.4	0.0436	0.0129	0.0011	13	0.0271	4.56	0.0011	0.0011	0.00000551	0.00774	0.00157	0.0104	0.0243	0.00000551	20.2	0.0000214	0.0003	0.000311	0.000966
2042 Apr	60.7	0.0438	0.013	0.00111	13.1	0.0273	4.59	0.00111	0.00111	0.00000554	0.00778	0.00158	0.0105	0.0244	0.00000554	20.3	0.0000215	0.000301	0.000312	0.000971
2042 May	61.8	0.0447	0.0132	0.00113	13.3	0.0278	4.67	0.00113	0.00113	0.00000564	0.00793	0.00161	0.0107	0.0249	0.00000564	20.6	0.0000219	0.000307	0.000318	0.00099
2042 Jun	57.9	0.0402	0.0123	0.00109	12.3	0.0264	4.31	0.00109	0.00109	0.00000546	0.00771	0.0015	0.0104	0.023	0.00000546	19.1	0.0000215	0.00029	0.00029	0.00093
2042 Jul	55.5	0.0375	0.0118	0.00107	11.7	0.0258	4.1	0.00107	0.00107	0.00000536	0.00756	0.00143	0.0102	0.0219	0.00000536	18.2	0.0000211	0.000278	0.000272	0.000897
2042 Aug	54.2	0.0369	0.0113	0.00106	11.5	0.0264	4.03	0.00106	0.00106	0.00000528	0.00738	0.0014	0.0102	0.0213	0.00000528	17.8	0.0000201	0.00027	0.000261	0.000883
2042 Sep	53.7	0.0372	0.0111	0.00105	11.4	0.0267	4.01	0.00105	0.00105	0.00000525	0.00731	0.00139	0.0102	0.021	0.00000525	17.6	0.0000197	0.000266	0.000255	0.000876
2042 Oct	53.2	0.0378	0.011	0.00104	11.3	0.0266	3.99	0.00104	0.00104	0.0000052	0.00725	0.00137	0.0101	0.0208	0.0000052	17.4	0.0000194	0.000263	0.000252	0.00087
2042 Nov	53.4	0.0381	0.011	0.00104	11.4	0.0268	4.01	0.00104	0.00104	0.00000521	0.00728	0.00137	0.0101	0.0209	0.00000521	17.5	0.0000195	0.000264	0.000252	0.000873
2042 Dec	53.4	0.0381	0.011	0.00104	11.4	0.0268	4.01	0.00104	0.00104	0.00000522	0.00728	0.00138	0.0101	0.0209	0.00000522	17.5	0.0000195	0.000264	0.000252	0.000873
2043 Jan	53.4	0.0381	0.011	0.00104	11.4	0.0268	4.01	0.00104	0.00104	0.00000522	0.00728	0.00138	0.0101	0.0209	0.00000522	17.5	0.0000195	0.000264	0.000252	0.000873
2043 Feb	53.4	0.0382	0.011	0.00104	11.4	0.0268	4.01	0.00104	0.00104	0.00000522	0.00728	0.00138	0.0101	0.0209	0.00000522	17.5	0.0000195	0.000264	0.000252	0.000874
2043 Mar	53.4	0.0382	0.011	0.00104	11.4	0.0268	4.01	0.00104	0.00104	0.00000522	0.00729	0.00138	0.0101	0.0209	0.00000522	17.5	0.0000195	0.000264	0.000253	0.000874
2043 Apr	53.7	0.0384	0.0111	0.00105	11.4	0.0269	4.03	0.00105	0.00105	0.00000524	0.00732	0.00138	0.0102	0.021	0.00000524	17.6	0.0000196	0.000265	0.000254	0.000878
2043 May	54.9	0.0392	0.0113	0.00107	11.7	0.0274	4.12	0.00107	0.00107	0.00000534	0.00745	0.00141	0.0104	0.0215	0.00000534	18	0.00002	0.000271	0.000261	0.000896
2043 Jun	55.5	0.0393	0.0118	0.00103	11.9	0.0257	4.18	0.00103	0.00103	0.00000515	0.00719	0.00138	0.00991	0.0222	0.00000515	18.4	0.0000197	0.000276	0.000279	0.000888
2043 Jul	57.7	0.0407	0.0122	0.00108	12.4	0.0269	4.34	0.00108	0.00108	0.00000538	0.0075	0.00144	0.0103	0.023	0.00000538	19.2	0.0000205	0.000287	0.000289	0.000926
2043 Aug	60.1	0.0424	0.0127	0.00112	12.9	0.0282	4.53	0.00112	0.00112	0.00000561	0.00781	0.0015	0.0108	0.024	0.00000561	19.9	0.0000213	0.000298	0.000301	0.000966
2043 Sep	60.4	0.0428	0.0128	0.00113	13	0.0285	4.56	0.00113	0.00113	0.00000565	0.00786	0.00151	0.0109	0.0241	0.00000565	20.1	0.0000213	0.0003	0.000301	0.000972
2043 Oct	60	0.0442	0.0125	0.00112	12.9	0.0287	4.55	0.00112	0.00112	0.00000561	0.00784	0.00149	0.0109	0.0238	0.00000561	19.9	0.0000211	0.000296	0.000296	0.000968
2043 Nov	59.6	0.0454	0.0123	0.00112	12.9	0.029	4.55	0.00112	0.00112	0.00000558	0.00782	0.00148	0.0108	0.0236	0.00000558	19.7	0.0000209	0.000293	0.000292	0.000964

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	59.6	0.0455	0.0123	0.00112	12.9	0.029	4.55	0.00112	0.00112	0.00000558	0.00782	0.00148	0.0108	0.0236	0.00000558	19.7	0.0000209	0.000293	0.000291	0.000965
2044 Jan	59.6	0.0456	0.0123	0.00112	12.9	0.029	4.55	0.00112	0.00112	0.00000558	0.00782	0.00148	0.0108	0.0236	0.00000558	19.7	0.0000209	0.000293	0.000292	0.000965
2044 Feb	59.6	0.0456	0.0123	0.00112	12.9	0.029	4.55	0.00112	0.00112	0.00000558	0.00783	0.00148	0.0108	0.0236	0.00000558	19.7	0.0000209	0.000293	0.000292	0.000966
2044 Mar	59.7	0.0456	0.0124	0.00112	12.9	0.029	4.56	0.00112	0.00112	0.00000559	0.00783	0.00148	0.0109	0.0236	0.00000559	19.8	0.0000209	0.000294	0.000292	0.000967
2044 Apr	59.8	0.0457	0.0124	0.00112	12.9	0.0291	4.57	0.00112	0.00112	0.0000056	0.00785	0.00148	0.0109	0.0237	0.0000056	19.8	0.0000209	0.000294	0.000293	0.000969
2044 May	60.7	0.0464	0.0126	0.00114	13.1	0.0295	4.64	0.00114	0.00114	0.00000568	0.00797	0.00151	0.011	0.0241	0.00000568	20.1	0.0000213	0.000299	0.000297	0.000983
2044 Jun	75.1	0.0422	0.0207	0.00131	15.2	0.0273	5.58	0.00106	0.00105	0.00000534	0.00705	0.00126	0.0109	0.02	0.00000529	17	0.0000191	0.000252	0.000244	0.000889
2044 Jul	89.5	0.0439	0.027	0.00151	17.7	0.0281	6.61	0.00108	0.00108	0.00000548	0.00694	0.00122	0.0115	0.0192	0.00000541	16.6	0.0000188	0.000244	0.000235	0.000902
2044 Aug	94.7	0.0465	0.0286	0.0016	18.8	0.0298	7	0.00115	0.00114	0.00000581	0.00736	0.0013	0.0122	0.0204	0.00000573	17.6	0.00002	0.000258	0.000249	0.000956
2044 Sep	92	0.0463	0.0275	0.00156	18.3	0.0298	6.82	0.00113	0.00112	0.0000057	0.00722	0.00127	0.0121	0.0199	0.00000563	17.3	0.0000193	0.000253	0.000241	0.000939
2044 Oct	90.9	0.0468	0.0271	0.00154	18.1	0.0297	6.75	0.00112	0.00111	0.00000565	0.00719	0.00126	0.012	0.0198	0.00000558	17.1	0.0000191	0.000251	0.000238	0.000933
2044 Nov	90.8	0.047	0.0271	0.00154	18.1	0.0298	6.76	0.00112	0.00111	0.00000566	0.0072	0.00126	0.012	0.0198	0.00000558	17.2	0.0000191	0.000251	0.000238	0.000934
2044 Dec	90.8	0.0471	0.027	0.00154	18.1	0.0298	6.76	0.00112	0.00111	0.00000566	0.0072	0.00126	0.012	0.0198	0.00000559	17.2	0.0000191	0.000251	0.000238	0.000934
2045 Jan	90.8	0.0471	0.027	0.00154	18.1	0.0298	6.76	0.00112	0.00111	0.00000566	0.0072	0.00126	0.012	0.0198	0.00000559	17.2	0.0000191	0.000251	0.000238	0.000934
2045 Feb	90.8	0.0471	0.027	0.00154	18.1	0.0298	6.76	0.00112	0.00111	0.00000566	0.0072	0.00126	0.012	0.0198	0.00000559	17.2	0.0000191	0.000251	0.000238	0.000934
2045 Mar	90.9	0.0472	0.0271	0.00154	18.1	0.0299	6.76	0.00112	0.00111	0.00000566	0.00721	0.00126	0.012	0.0198	0.00000559	17.2	0.0000192	0.000251	0.000238	0.000935
2045 Apr	91.1	0.0473	0.0271	0.00154	18.2	0.0299	6.78	0.00112	0.00111	0.00000567	0.00722	0.00127	0.012	0.0199	0.0000056	17.2	0.0000192	0.000252	0.000239	0.000937
2045 May	92.4	0.0479	0.0275	0.00156	18.4	0.0303	6.87	0.00114	0.00113	0.00000575	0.00732	0.00128	0.0122	0.0201	0.00000568	17.5	0.0000195	0.000255	0.000242	0.00095
2045 Jun	92	0.0438	0.0284	0.00156	18.1	0.0287	6.78	0.0011	0.00109	0.00000555	0.00699	0.00118	0.0119	0.0182	0.00000547	15.9	0.0000188	0.000236	0.000216	0.000892
2045 Jul	99.9	0.0438	0.0321	0.00168	19.4	0.0289	7.33	0.00111	0.0011	0.00000562	0.0069	0.00114	0.0122	0.0175	0.00000552	15.5	0.0000187	0.000229	0.000207	0.000891
2045 Aug	104	0.0454	0.0333	0.00174	20.1	0.03	7.61	0.00115	0.00114	0.00000583	0.00717	0.00118	0.0127	0.0182	0.00000573	16.1	0.0000194	0.000237	0.000214	0.000925
2045 Sep	104	0.0458	0.0332	0.00174	20.1	0.0302	7.62	0.00115	0.00114	0.00000585	0.00719	0.00119	0.0127	0.0182	0.00000574	16.1	0.0000194	0.000238	0.000214	0.000928
2045 Oct	104	0.0463	0.0333	0.00175	20.2	0.0305	7.66	0.00116	0.00115	0.00000588	0.00724	0.00119	0.0128	0.0183	0.00000578	16.2	0.0000196	0.000239	0.000216	0.000934
2045 Nov	104	0.0465	0.0334	0.00175	20.3	0.0305	7.67	0.00116	0.00115	0.0000059	0.00726	0.0012	0.0128	0.0184	0.00000579	16.2	0.0000196	0.00024	0.000216	0.000936
2045 Dec	104	0.0465	0.0334	0.00175	20.3	0.0306	7.68	0.00116	0.00115	0.0000059	0.00726	0.0012	0.0128	0.0184	0.0000058	16.3	0.0000196	0.00024	0.000216	0.000937
2046 Jan	104	0.0466	0.0334	0.00175	20.3	0.0306	7.68	0.00116	0.00115	0.0000059	0.00726	0.0012	0.0128	0.0184	0.0000058	16.3	0.0000196	0.00024	0.000216	0.000937
2046 Feb	104	0.0466	0.0334	0.00175	20.3	0.0306	7.68	0.00116	0.00115	0.0000059	0.00726	0.0012	0.0128	0.0184	0.0000058	16.3	0.0000196	0.00024	0.000216	0.000937
2046 Mar	104	0.0466	0.0334	0.00175	20.3	0.0306	7.69	0.00116	0.00115	0.00000591	0.00727	0.0012	0.0128	0.0184	0.0000058	16.3	0.0000196	0.00024	0.000217	0.000938
2046 Apr	105	0.0468	0.0336	0.00176	20.4	0.0307	7.72	0.00117	0.00116	0.00000593	0.00731	0.00121	0.0129	0.0185	0.00000583	16.4	0.0000197	0.000242	0.000218	0.000943
2046 May	107	0.0476	0.0341	0.00179	20.7	0.0312	7.84	0.00119	0.00117	0.00000602	0.00742	0.00122	0.0131	0.0188	0.00000592	16.6	0.00002	0.000245	0.000221	0.000957
2046 Jun	103	0.0419	0.0343	0.00174	19.8	0.0286	7.55	0.00111	0.0011	0.00000564	0.00686	0.00108	0.0124	0.0164	0.00000553	14.6	0.0000188	0.000219	0.000189	0.000871
2046 Jul	115	0.041	0.0409	0.00188	21.7	0.0275	8.43	0.00106	0.00104	0.00000542	0.0062	0.000953	0.0124	0.0143	0.00000528	13.1	0.0000171	0.000193	0.000164	0.000827
2046 Aug	119	0.0425	0.0424	0.00195	22.5	0.0286	8.74	0.0011	0.00108	0.00000562	0.00643	0.000989	0.0128	0.0148	0.00000548	13.6	0.0000177	0.0002	0.000171	0.000858
2046 Sep	116	0.0426	0.0411	0.00191	22	0.0285	8.54	0.00108	0.00107	0.00000553	0.00635	0.000977	0.0126	0.0146	0.00000539	13.4	0.0000174	0.000198	0.000167	0.000846
2046 Oct	114	0.0433	0.04	0.00187	21.6	0.0284	8.38	0.00107	0.00105	0.00000546	0.00631	0.000968	0.0125	0.0145	0.00000532	13.3	0.0000171	0.000195	0.000164	0.000839
2046 Nov	114	0.0436	0.0398	0.00187	21.5	0.0285	8.36	0.00107	0.00105	0.00000546	0.00633	0.000969	0.0125	0.0145	0.00000532	13.3	0.0000171	0.000195	0.000164	0.00084
2046 Dec	114	0.0437	0.0398	0.00187	21.5	0.0285	8.37	0.00107	0.00105	0.00000546	0.00633	0.000969	0.0125	0.0145	0.00000532	13.3	0.0000171	0.000195	0.000164	0.00084
2047 Jan	114	0.0437	0.0398	0.00187	21.5	0.0285	8.37	0.00107	0.00105	0.00000546	0.00633	0.000969	0.0125	0.0145	0.00000532	13.3	0.0000171	0.000195	0.000165	0.00084
2047 Feb	114	0.0438	0.0398	0.00187	21.5	0.0285	8.37	0.00107	0.00105	0.00000546	0.00633	0.00097	0.0125	0.0145	0.00000532	13.3	0.0000171	0.000196	0.000165	0.000841
2047 Mar	114	0.0438	0.0399	0.00187	21.6	0.0286	8.38	0.00107	0.00105	0.00000547	0.00634	0.000972	0.0125	0.0146	0.00000533	13.3	0.0000171	0.000196	0.000165	0.000842
2047 Apr	114	0.0439	0.04	0.00187	21.6	0.0286	8.4	0.00107	0.00106	0.00000548	0.00636	0.000974	0.0125	0.0146	0.00000535	13.4	0.0000172	0.000196	0.000166	0.000844
2047 May	116	0.045	0.0405	0.00189	22	0.0287	8.54	0.00108	0.00106	0.00000551	0.00638	0.000994	0.0126	0.0152	0.00000538	13.8	0.0000173	0.000202	0.000176	0.000859
2047 Jun	131	0.0496	0.048	0.002	25.1	0.0273	9.82	0.00104	0.00101	0.0000053	0.00572	0.000994	0.0123	0.0169	0.00000514	15.2	0.0000159	0.000209	0.000219	0.00089
2047 Jul	137	0.0521	0.0504	0.0021	26.4	0.0287	10.3	0.00109	0.00107	0.00000557	0.00601	0.00104	0.0129	0.0177	0.0000054	16	0.0000167	0.00022	0.000229	0.000934
2047 Aug	144	0.0545	0.0527	0.00219	27.6	0.0301	10.8	0.00114	0.00111	0.00000583	0.00629	0.00109	0.0135	0.0185	0.00000565	16.7	0.0000174	0.00023	0.00024	0.000978
2047 Sep	142	0.0545	0.052	0.00217	27.3	0.0301	10.7	0.00113	0.00111	0.00000579	0.00627	0.00109	0.0134	0.0184	0.00000562	16.6	0.0000173	0.000229	0.000237	0.000972
2047 Oct	139	0.0547	0.0505	0.00212	26.7	0.0299	10.4	0.00112	0.00109	0.0000057	0.00622	0.00107	0.0132	0.0182	0.00000554	16.4	0.000017	0.000225	0.000232	0.000959
2047 Nov	138	0.0552	0.05	0.00211	26.5	0.03	10.4	0.00111	0.00109	0.00000569	0.00623	0.00107	0.0132	0.0181	0.00000552	16.3	0.0000169	0.000225	0.000231	0.000958
2047 Dec	138	0.0552	0.05	0.00211	26.5	0.03	10.4	0.00111	0.00109	0.00000569	0.00624	0.00107	0.0132	0.0181	0.00000553	16.4	0.000017	0.000225	0.000231	0.000959
2048 Jan	138	0.0553	0.05	0.00211	26.5	0.03	10.4	0.00111	0.00109	0.00000569	0.00624	0.00107	0.0132	0.0181	0.00000553	16.4	0.000017	0.000225	0.000231	0.000959
2048 Feb	138	0.0553	0.05	0.00211	26.5	0.0301	10.4	0.00111	0.00109	0.00000569	0.00624	0.00107	0.0132	0.0182	0.00000553	16.4	0.000017	0.000225	0.000232	0.00096
2048 Mar	138	0.0553	0.05	0.00211	26.5	0.0301	10.4	0.00111	0.00109	0.00000569	0.00624	0.00107	0.0132	0.0182	0.00000553	16.4	0.000017	0.000225	0.000232	0.00096
2048 Apr	138	0.0555	0.0502	0.00212	26.6	0.0302	10.4	0.00112	0.00109	0.00000571	0.00626	0.00108	0.0133	0.0182	0.00000555	16.4	0.000017	0.000226	0.000233	0.000963
2048 May	140	0.0564	0.051	0.00215	27.1	0.0306	10.6	0.00114	0.00111	0.0000058	0.00636	0.00109	0.0135	0.0185	0.00000564	16.7	0.0000173	0.000229	0.000236	0.000979
2048 Jun	134	0.0498	0.0502	0.0021	25.5	0.0285	10.1	0.00107	0.00105	0.00000549	0.00596	0.000976	0.0129	0.016	0.00000533	14.6	0.0000164	0.000205	0.0002	0.000895
2048 Jul	141	0.0475	0.055	0.00221	26.4	0.0279	10.7	0.00105	0.00102	0.00000538	0.00558	0.000884	0.013	0.0141	0.0000052	13.2	0.0000155	0.000185	0.000173	0.000856
2048 Aug	143	0.0485	0.0554	0.00224	26.8	0.0287	10.8	0.00107	0.00104	0.00000549	0.0057	0.000906	0.0133	0.0144	0.00000531	13.5	0.0000157	0.00019	0.000176	0.000873
2048 Sep	141	0.0487	0.0547	0.00222	26.5	0.0289	10.7	0.00107	0.00104	0.00000548	0.0057	0.000907	0.0133	0.0144	0.0000053	13.5	0.0000155	0.00019	0.000175	0.000871
2048 Oct	139	0.0489	0.0538	0.00219	26.2	0.0288	10.5	0.00106	0.00103	0.00000543	0.00568	0.000901	0.0131	0.0143	0.00000525	13.4	0.0000154	0.000188	0.000173	0.000865
2048 Nov	139	0.0492	0.0536	0.00218	26.2	0.0289	10.5	0.00106	0.00103	0.00000543	0.0057	0.000903	0.0131	0.0143	0.00000525	13.4	0.0000154	0.000188	0.000173	0.000867
2048 Dec	139	0.0493	0.0536	0.00218	26.2	0.0289	10.5	0.00106	0.00103	0.00000543	0.0057	0.000903	0.0132	0.0143	0.00000525	13.4	0.0000154	0.000188	0.000173	0.000867
2049 Jan	139	0.0493	0.0536	0.00218	26.2	0.0289	10.5	0.00106	0.00103	0.00000543	0.0057	0.000904	0.0132	0.0143	0.00000525	13.4	0.0000154	0.000188	0.000173	0.000867
2049 Feb	139	0.0493	0.0536	0.00218	26.2	0.0289	10.5	0.00106	0.00103	0.00000543	0.0057	0.000904	0.0132	0.0143	0.00000526	13.4	0.0000154	0.000189	0.000173	0.000868
2049 Mar	139	0.0493	0.0536	0.00219	26.2	0.0289	10.5	0.00106	0.00103	0.00000544	0.00571	0.000905	0.0132	0.0144	0.00000526	13.4	0.0000154	0.000189	0.000173	0.000868
2049 Apr	140	0.0495	0.0538	0.00219	26.3	0.029	10.6	0.00107	0.00104	0.00000546	0.00573	0.000908	0.0132	0.0144	0.00000528	13.5	0.0000155	0.000189	0.000174	0.000871
2049 May	142	0.0503	0.0547	0.00223	26.7	0.0295	10.7	0.00108	0.00105	0.00000554	0.00582	0.000922	0.0134	0.0146	0.00000536	13.7	0.0000157	0.000192	0.000177	0.000885
2049 Jun	135	0.0447	0.0533	0.00215	25.1	0.0274	10.2	0.00103	0.001	0.00000526	0.0055	0.000839	0.0128	0.0129	0.00000509	12.2	0.0000152	0.000177	0.000153	0.000818
2049 Jul	143	0.0448	0.0582	0.00227	26.4	0.0274	10.9	0.00102	0.00099	0.00000524	0.00526	0.000798	0.0131	0.0121	0.00000505	11.7	0.0000146	0.000168	0.000143	0.00081
2049 Aug	150	0.0473	0.0614	0.00239	27.8	0.029	11.5	0.00108	0.00105	0.00000553	0.00556	0.000843	0.0138	0.0128	0.00000533	12.3	0.0000154	0.000177	0.000151	0.000856
2049 Sep	148	0.0478	0.0604	0.00237	27.5	0.0291	11.4	0.00108	0.00104	0.0000055	0.00557	0.000844	0.0137	0.0128	0.00000531	12.3	0.0000153	0.000177	0.00015	0.000854
2049 Oct	146	0.0483	0.0589	0.00232	27	0.029	11.1	0.00106	0.00103	0.00000544	0.00556	0.000839	0.0136	0.0127	0.00000525	12.3	0.0000151	0.000175	0.000148	0.000847
2049 Nov	145	0.0488	0.0586	0.00231	26.9	0.0291	11.1	0.00106	0.00103	0.00000544	0.00558	0.000842	0.0135	0.0127	0.00000525	12.3	0.0000151	0.000176	0.000148	0.000849
2049 Dec	145	0.0489	0.0585	0.00231	26.9	0.0292	11.1	0.00107	0.00103	0.00000544	0.00559	0.000843	0.0136	0.0128	0.00000525	12.3	0.0000151	0.000176	0.000148	0.000849
2050 Jan	145	0.049	0.0585	0.00231	26.9	0.0292	11.1	0.00107	0.00103	0.00000544	0.00559	0.000843	0.0136	0.0128	0.00000525	12.3	0.0000151	0.000176	0.000148	0.00085
2050 Feb	145	0.049	0.0585	0.00231	26.9	0.0292	11.1	0.00107	0.00103	0.00000544	0.00559	0.000844	0.0136	0.0128	0.00000525	12.3	0.0000151	0.000176	0.000149	0.00085
2050 Mar	145	0.049	0.0585	0.00231	26.9	0.0292	11.1	0.00107	0.00103	0.00000544	0.00559	0.000844	0.0136	0.0128	0.00000525	12.3	0.0000151	0.000176	0.000149	0.00085
2050 Apr	145	0.0491	0.0587	0.00232	27	0.0293	11.1	0.00107	0.00103	0.00000545	0.00561	0.000846	0.0136	0.0128	0.00000527	12.4	0.0000152	0.000177	0.000149	0.000853

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	147	0.0498	0.0594	0.00235	27.3	0.0296	11.3	0.00108	0.00105	0.00000552	0.00568	0.000857	0.0138	0.013	0.00000533	12.5	0.0000154	0.000179	0.000151	0.000864
2050 Jun	138	0.0457	0.0561	0.00224	25.6	0.0281	10.6	0.00105	0.00101	0.00000534	0.00557	0.000826	0.0132	0.0124	0.00000516	11.9	0.0000153	0.000175	0.000143	0.000823
2050 Jul	140	0.0444	0.0579	0.00226	25.7	0.0276	10.8	0.00103	0.00099	0.00000523	0.00533	0.000791	0.0131	0.0117	0.00000505	11.4	0.0000147	0.000167	0.000135	0.000803
2050 Aug	144	0.0457	0.0595	0.00233	26.5	0.0286	11.1	0.00106	0.00102	0.0000054	0.00551	0.000819	0.0135	0.0121	0.00000522	11.8	0.0000151	0.000172	0.000139	0.000831
2050 Sep	143	0.0462	0.0594	0.00233	26.5	0.0288	11.1	0.00107	0.00103	0.00000542	0.00554	0.000825	0.0136	0.0122	0.00000524	11.8	0.0000151	0.000173	0.000139	0.000835
2050 Oct	144	0.0468	0.0597	0.00234	26.7	0.0291	11.1	0.00107	0.00104	0.00000547	0.0056	0.000833	0.0137	0.0123	0.00000528	11.9	0.0000153	0.000174	0.00014	0.000842
2050 Nov	145	0.047	0.0598	0.00235	26.8	0.0292	11.2	0.00108	0.00104	0.00000549	0.00562	0.000836	0.0137	0.0124	0.0000053	12	0.0000153	0.000175	0.000141	0.000845
2050 Dec	145	0.047	0.0598	0.00235	26.8	0.0292	11.2	0.00108	0.00104	0.00000549	0.00562	0.000836	0.0137	0.0124	0.0000053	12	0.0000153	0.000175	0.000141	0.000845
2051 Jan	145	0.0471	0.0598	0.00235	26.8	0.0293	11.2	0.00108	0.00104	0.00000549	0.00562	0.000836	0.0137	0.0124	0.0000053	12	0.0000153	0.000175	0.000141	0.000845
2051 Feb	145	0.0471	0.0598	0.00235	26.8	0.0293	11.2	0.00108	0.00104	0.00000549	0.00562	0.000837	0.0137	0.0124	0.0000053	12	0.0000153	0.000175	0.000141	0.000846
2051 Mar	145	0.0471	0.0599	0.00235	26.8	0.0293	11.2	0.00108	0.00104	0.00000549	0.00563	0.000837	0.0137	0.0124	0.00000531	12	0.0000153	0.000175	0.000141	0.000846
2051 Apr	145	0.0473	0.0601	0.00236	26.9	0.0294	11.2	0.00108	0.00104	0.00000551	0.00565	0.000841	0.0138	0.0124	0.00000533	12.1	0.0000154	0.000176	0.000142	0.00085
2051 May	147	0.0481	0.0608	0.00239	27.3	0.0298	11.4	0.0011	0.00106	0.00000559	0.00574	0.000858	0.014	0.0128	0.0000054	12.4	0.0000156	0.00018	0.000147	0.000864
2051 Jun	139	0.0453	0.0587	0.00224	25.8	0.027	10.9	0.00102	0.000984	0.00000519	0.00529	0.000835	0.013	0.013	0.00000502	12.4	0.0000148	0.000182	0.00016	0.000822
2051 Jul	151	0.047	0.0661	0.00243	27.8	0.0277	12	0.00104	0.000992	0.00000526	0.00512	0.000812	0.0136	0.0124	0.00000508	12.1	0.0000143	0.000177	0.000153	0.000834
2051 Aug	151	0.0475	0.0659	0.00244	27.9	0.0284	12	0.00105	0.00101	0.00000534	0.0052	0.000829	0.0138	0.0127	0.00000515	12.3	0.0000144	0.000179	0.000154	0.000846
2051 Sep	148	0.0486	0.064	0.00239	27.4	0.0286	11.7	0.00104	0.000997	0.00000528	0.00522	0.000828	0.0136	0.0126	0.0000051	12.2	0.0000142	0.000178	0.000151	0.000841
2051 Oct	143	0.0518	0.0623	0.00232	26.7	0.0288	11.5	0.00101	0.000961	0.00000509	0.00509	0.000801	0.0133	0.0122	0.00000492	11.9	0.0000133	0.000171	0.000142	0.000826
2051 Nov	143	0.0523	0.0625	0.00233	26.8	0.029	11.6	0.00101	0.000962	0.0000051	0.0051	0.000802	0.0133	0.0122	0.00000492	11.9	0.0000133	0.00017	0.000142	0.000828
2051 Dec	143	0.0523	0.0625	0.00233	26.8	0.029	11.6	0.00101	0.000962	0.0000051	0.0051	0.000803	0.0133	0.0122	0.00000492	11.9	0.0000133	0.000171	0.000142	0.000828
2052 Jan	143	0.0524	0.0625	0.00233	26.8	0.029	11.6	0.00101	0.000963	0.0000051	0.0051	0.000803	0.0133	0.0122	0.00000492	11.9	0.0000133	0.000171	0.000142	0.000828
2052 Feb	143	0.0524	0.0625	0.00233	26.8	0.029	11.6	0.00101	0.000963	0.0000051	0.0051	0.000803	0.0133	0.0122	0.00000492	11.9	0.0000133	0.000171	0.000142	0.000829
2052 Mar	143	0.0524	0.0626	0.00233	26.8	0.029	11.6	0.00101	0.000964	0.0000051	0.00511	0.000804	0.0134	0.0122	0.00000493	11.9	0.0000133	0.000171	0.000143	0.00083
2052 Apr	144	0.0526	0.0627	0.00233	26.9	0.0291	11.6	0.00101	0.000966	0.00000512	0.00512	0.000806	0.0134	0.0123	0.00000494	12	0.0000134	0.000171	0.000143	0.000831
2052 May	145	0.0531	0.063	0.00235	27.1	0.0293	11.7	0.00102	0.000975	0.00000516	0.00517	0.000819	0.0135	0.0125	0.00000498	12.2	0.0000135	0.000174	0.000147	0.000841
2052 Jun	145	0.0524	0.0637	0.00235	27.1	0.0288	11.8	0.00102	0.000972	0.00000515	0.00515	0.000833	0.0134	0.013	0.00000497	12.5	0.0000137	0.00018	0.000156	0.000845
2052 Jul	146	0.0523	0.0643	0.00239	27.4	0.0296	11.9	0.00104	0.000995	0.00000526	0.00524	0.000854	0.0136	0.0132	0.00000509	12.7	0.0000138	0.000182	0.000157	0.000863
2052 Aug	149	0.0532	0.0652	0.00243	27.8	0.0304	12.1	0.00107	0.00102	0.00000538	0.00536	0.000876	0.0139	0.0135	0.00000521	13	0.000014	0.000185	0.00016	0.000882
2052 Sep	148	0.0535	0.0647	0.00241	27.7	0.0306	12	0.00107	0.00102	0.00000538	0.00538	0.000879	0.0139	0.0135	0.00000521	13	0.000014	0.000186	0.00016	0.000883
2052 Oct	147	0.0539	0.0643	0.00241	27.6	0.0307	12	0.00107	0.00102	0.00000539	0.00541	0.000881	0.0139	0.0135	0.00000521	13	0.000014	0.000186	0.00016	0.000884
2052 Nov	148	0.0542	0.0645	0.00241	27.7	0.0308	12	0.00107	0.00102	0.0000054	0.00543	0.000884	0.014	0.0136	0.00000523	13.1	0.000014	0.000187	0.00016	0.000887
2052 Dec	148	0.0542	0.0645	0.00241	27.7	0.0309	12	0.00107	0.00102	0.0000054	0.00543	0.000885	0.014	0.0136	0.00000523	13.1	0.000014	0.000187	0.00016	0.000888
2053 Jan	148	0.0542	0.0645	0.00241	27.7	0.0309	12	0.00107	0.00102	0.0000054	0.00543	0.000885	0.014	0.0136	0.00000523	13.1	0.000014	0.000187	0.00016	0.000888
2053 Feb	148	0.0543	0.0645	0.00241	27.7	0.0309	12	0.00107	0.00102	0.00000541	0.00543	0.000886	0.014	0.0136	0.00000523	13.1	0.0000141	0.000187	0.00016	0.000888
2053 Mar	148	0.0543	0.0646	0.00242	27.7	0.0309	12	0.00107	0.00103	0.00000541	0.00544	0.000887	0.014	0.0136	0.00000524	13.1	0.0000141	0.000187	0.000161	0.00089
2053 Apr	148	0.0546	0.0649	0.00243	27.8	0.031	12.1	0.00108	0.00103	0.00000544	0.00546	0.000891	0.014	0.0137	0.00000526	13.2	0.0000141	0.000188	0.000161	0.000893
2053 May	147	0.0555	0.0638	0.00239	27.8	0.0308	12	0.00108	0.00104	0.00000546	0.00554	0.000931	0.0139	0.0148	0.00000529	14	0.0000145	0.000199	0.00018	0.000912
2053 Jun	146	0.0537	0.0653	0.00235	27.6	0.0284	12.1	0.00103	0.000976	0.00000516	0.0051	0.000917	0.0134	0.0152	0.00000499	14.2	0.0000138	0.000203	0.000197	0.000888
2053 Jul	155	0.0555	0.0704	0.0025	29.2	0.0295	12.9	0.00107	0.00101	0.00000534	0.00518	0.000931	0.014	0.0153	0.00000516	14.4	0.000014	0.000207	0.000198	0.000915
2053 Aug	162	0.0581	0.0736	0.00262	30.5	0.0309	13.5	0.00112	0.00106	0.00000559	0.00543	0.000975	0.0147	0.016	0.00000541	15.1	0.0000147	0.000216	0.000207	0.000958
2053 Sep	167	0.0599	0.0758	0.0027	31.5	0.0319	13.9	0.00115	0.00109	0.00000576	0.0056	0.00101	0.0151	0.0165	0.00000557	15.5	0.0000151	0.000223	0.000213	0.000988
2053 Oct	168	0.0604	0.0763	0.00271	31.7	0.0321	14	0.00116	0.0011	0.0000058	0.00564	0.00101	0.0152	0.0166	0.00000561	15.7	0.0000152	0.000225	0.000215	0.000995
2053 Nov	168	0.0604	0.0763	0.00271	31.6	0.0321	13.9	0.00116	0.0011	0.0000058	0.00564	0.00101	0.0152	0.0166	0.00000561	15.6	0.0000152	0.000225	0.000215	0.000994
2053 Dec	168	0.0604	0.0763	0.00271	31.7	0.0321	13.9	0.00116	0.0011	0.0000058	0.00564	0.00101	0.0152	0.0166	0.00000561	15.7	0.0000152	0.000225	0.000215	0.000995
2054 Jan	168	0.0604	0.0763	0.00271	31.7	0.0321	13.9	0.00116	0.0011	0.0000058	0.00564	0.00101	0.0152	0.0166	0.00000561	15.7	0.0000152	0.000225	0.000215	0.000995
2054 Feb	168	0.0605	0.0763	0.00271	31.7	0.0321	13.9	0.00116	0.0011	0.0000058	0.00564	0.00101	0.0152	0.0166	0.00000561	15.7	0.0000152	0.000225	0.000215	0.000995
2054 Mar	168	0.0605	0.0763	0.00271	31.7	0.0321	13.9	0.00116	0.0011	0.0000058	0.00564	0.00101	0.0152	0.0166	0.00000561	15.7	0.0000152	0.000225	0.000215	0.000995
2054 Apr	169	0.0607	0.0766	0.00272	31.8	0.0323	14	0.00116	0.0011	0.00000583	0.00566	0.00102	0.0153	0.0167	0.00000564	15.7	0.0000153	0.000226	0.000216	0.000999
2054 May	170	0.0615	0.0772	0.00275	32.1	0.0326	14.1	0.00118	0.00111	0.00000589	0.00574	0.00103	0.0154	0.017	0.0000057	16	0.0000155	0.00023	0.000221	0.00101
2054 Jun	149	0.0563	0.0656	0.00239	28.3	0.0294	12.3	0.0011	0.00105	0.0000055	0.00563	0.00104	0.0139	0.0178	0.00000534	16.3	0.0000156	0.000235	0.000237	0.000961
2054 Jul	146	0.0548	0.0648	0.00237	27.9	0.0292	12.1	0.00109	0.00104	0.00000547	0.00561	0.00102	0.0138	0.0174	0.00000531	15.9	0.0000155	0.000231	0.000229	0.000948
2054 Aug	147	0.0553	0.065	0.00238	28	0.0298	12.2	0.00111	0.00105	0.00000554	0.00569	0.00104	0.014	0.0176	0.00000539	16.1	0.0000156	0.000233	0.000231	0.000959
2054 Sep	147	0.0557	0.0647	0.00238	28	0.0302	12.1	0.00111	0.00106	0.00000557	0.00573	0.00105	0.014	0.0177	0.00000541	16.2	0.0000156	0.000234	0.000231	0.000963
2054 Oct	145	0.0557	0.0638	0.00235	27.7	0.0301	12	0.00111	0.00105	0.00000552	0.00571	0.00104	0.0139	0.0176	0.00000537	16.1	0.0000155	0.000232	0.000229	0.000957
2054 Nov	144	0.056	0.0633	0.00234	27.6	0.0301	12	0.0011	0.00105	0.00000551	0.00571	0.00104	0.0139	0.0175	0.00000536	16	0.0000155	0.000232	0.000227	0.000955
2054 Dec	144	0.0562	0.0633	0.00234	27.6	0.0301	12	0.0011	0.00105	0.00000551	0.00572	0.00104	0.0139	0.0175	0.00000536	16	0.0000155	0.000232	0.000227	0.000956
2055 Jan	144	0.0562	0.0633	0.00234	27.6	0.0301	11.9	0.0011	0.00105	0.00000551	0.00572	0.00104	0.0139	0.0175	0.00000536	16.1	0.0000155	0.000232	0.000228	0.000956
2055 Feb	144	0.0562	0.0633	0.00234	27.6	0.0301	11.9	0.0011	0.00105	0.00000551	0.00572	0.00104	0.0139	0.0176	0.00000536	16.1	0.0000155	0.000232	0.000228	0.000956
2055 Mar	144	0.0563	0.0633	0.00234	27.6	0.0302	12	0.0011	0.00105	0.00000552	0.00572	0.00104	0.0139	0.0176	0.00000536	16.1	0.0000155	0.000232	0.000228	0.000957
2055 Apr	145	0.0564	0.0635	0.00235	27.7	0.0302	12	0.00111	0.00105	0.00000553	0.00574	0.00104	0.0139	0.0176	0.00000538	16.1	0.0000155	0.000233	0.000229	0.00096
2055 May	146	0.0571	0.0643	0.00238	28	0.0306	12.1	0.00112	0.00107	0.0000056	0.00581	0.00106	0.0141	0.0179	0.00000545	16.3	0.0000157	0.000236	0.000232	0.000972
2055 Jun	141	0.0501	0.0656	0.00237	26.6	0.0285	11.9	0.00107	0.00101	0.00000531	0.00542	0.000936	0.0138	0.0148	0.00000516	13.9	0.000015	0.000213	0.000187	0.000881
2055 Jul	150	0.0502	0.073	0.00255	28	0.0289	12.9	0.00108	0.00101	0.00000534	0.00524	0.000902	0.0145	0.0138	0.00000518	13.3	0.0000146	0.000207	0.000173	0.000877
2055 Aug	156	0.052	0.0755	0.00264	29	0.0299	13.3	0.00112	0.00105	0.00000553	0.00544	0.000935	0.015	0.0143	0.00000536	13.7	0.0000151	0.000215	0.000179	0.000909
2055 Sep	155	0.0523	0.0751	0.00263	28.9	0.0302	13.3	0.00112	0.00105	0.00000554	0.00546	0.000939	0.015	0.0143	0.00000538	13.8	0.0000151	0.000215	0.000179	0.000911
2055 Oct	155	0.0527	0.0753	0.00264	29	0.0304	13.3	0.00113	0.00105	0.00000557	0.0055	0.000944	0.0151	0.0144	0.0000054	13.9	0.0000152	0.000216	0.000179	0.000916
2055 Nov	156	0.0529	0.0754	0.00265	29.1	0.0304	13.4	0.00113	0.00106	0.00000558	0.00551	0.000946	0.0151	0.0144	0.00000541	13.9	0.0000152	0.000217	0.00018	0.000918
2055 Dec	156	0.053	0.0754	0.00265	29.1	0.0304	13.4	0.00113	0.00106	0.00000558	0.00552	0.000947	0.0151	0.0145	0.00000542	13.9	0.0000152	0.000217	0.00018	0.000918
2056 Jan	156	0.053	0.0754	0.00265	29.1	0.0304	13.4	0.00113	0.00106	0.00000558	0.00552	0.000947	0.0151	0.0145	0.00000542	13.9	0.0000152	0.000217	0.00018	0.000918
2056 Feb	156	0.053	0.0754	0.00265	29.1	0.0305	13.4	0.00113	0.00106	0.00000558	0.00552	0.000948	0.0151	0.0145	0.00000542	13.9	0.0000152	0.000217	0.00018	0.000919
2056 Mar	156	0.0531	0.0754	0.00265	29.1	0.0305	13.4	0.00113	0.00106	0.00000559	0.00552	0.000948	0.0151	0.0145	0.00000542	13.9	0.0000152	0.000217	0.000181	0.000919
2056 Apr	156	0.0533	0.0757	0.00266	29.2	0.0306	13.4	0.00114	0.00106	0.00000561	0.00554	0.000952	0.0152	0.0146	0.00000544	14	0.0000153	0.000218	0.000181	0.000923
2056 May	156	0.0542	0.0749	0.00263	29.2	0.0306	13.4	0.00114	0.00107	0.00000564	0.00563	0.000987	0.0151	0.0155	0.00000548	14.7	0.0000156	0.000227	0.000197	0.000941
2056 Jun	145	0.0541	0.0689	0.0024	27.8	0.0281	12.5	0.00108	0.00101	0.00000531	0.00538	0.00103	0.0139	0.0176	0.00000517	16.1	0.0000152	0.000242	0.000238	0.000937
2056 Jul	152	0.0563	0.0729	0.00253	29.1	0.0294	13.2	0.00112	0.00105	0.00000554	0.00556	0.00107	0.0146	0.0181	0.00000539	16.6	0.0000157	0.000251	0.000245	0.000975
2056 Aug	155	0.0574	0.0738	0.00257	29.6	0.0302	13.4	0.00115	0.00108	0.00000566	0.00569	0.00109	0.0149	0.0185	0.00000551	17	0.000016	0.000256	0.000249	0.000996
2056 Sep	158	0.0588	0.0752	0.00262	30.2	0.031	13.7	0.00118	0.0011	0.00000579	0.00583	0.00112	0.0152	0.0189	0.00000563	17.4	0.0000163	0.000261	0.000254	0.00102

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	155	0.0585	0.0739	0.00258	29.8	0.0308	13.5	0.00116	0.00109	0.00000572	0.00578	0.00111	0.015	0.0187	0.00000557	17.2	0.0000161	0.000258	0.00025	0.00101
2056 Nov	155	0.0588	0.0735	0.00257	29.6	0.0308	13.4	0.00116	0.00109	0.00000571	0.00579	0.00111	0.015	0.0187	0.00000556	17.1	0.0000161	0.000257	0.000249	0.00101
2056 Dec	155	0.0588	0.0734	0.00257	29.6	0.0308	13.4	0.00116	0.00109	0.00000571	0.0058	0.00111	0.015	0.0187	0.00000556	17.1	0.0000161	0.000258	0.000249	0.00101
2057 Jan	155	0.0589	0.0734	0.00257	29.6	0.0309	13.4	0.00116	0.00109	0.00000571	0.0058	0.00111	0.015	0.0187	0.00000556	17.2	0.0000161	0.000258	0.00025	0.00101
2057 Feb	155	0.0589	0.0734	0.00257	29.7	0.0309	13.4	0.00116	0.00109	0.00000572	0.0058	0.00111	0.015	0.0187	0.00000556	17.2	0.0000161	0.000258	0.00025	0.00101
2057 Mar	155	0.059	0.0735	0.00257	29.7	0.0309	13.4	0.00116	0.00109	0.00000572	0.00581	0.00111	0.015	0.0187	0.00000557	17.2	0.0000161	0.000258	0.00025	0.00101
2057 Apr	155	0.0592	0.0738	0.00258	29.8	0.031	13.5	0.00117	0.00109	0.00000574	0.00583	0.00111	0.0151	0.0188	0.00000559	17.3	0.0000162	0.000259	0.000251	0.00101
2057 May	158	0.0601	0.0749	0.00262	30.3	0.0315	13.7	0.00118	0.00111	0.00000583	0.00592	0.00113	0.0153	0.0191	0.00000568	17.6	0.0000165	0.000263	0.000256	0.00103
2057 Jun	142	0.0538	0.0678	0.00239	27.3	0.0287	12.4	0.00111	0.00104	0.00000545	0.00567	0.00107	0.0142	0.0179	0.00000532	16.4	0.000016	0.000251	0.000239	0.000951
2057 Jul	147	0.0547	0.0715	0.0025	28.2	0.0295	12.9	0.00114	0.00106	0.00000557	0.00572	0.00107	0.0147	0.0178	0.00000543	16.4	0.0000162	0.000253	0.000236	0.000965
2057 Aug	157	0.0583	0.0761	0.00266	30	0.0314	13.8	0.00121	0.00113	0.00000594	0.0061	0.00114	0.0156	0.0189	0.00000579	17.4	0.0000172	0.00027	0.000252	0.00103
2057 Sep	160	0.0594	0.0775	0.00271	30.6	0.032	14	0.00123	0.00115	0.00000605	0.00622	0.00116	0.0159	0.0193	0.0000059	17.8	0.0000176	0.000275	0.000256	0.00105
2057 Oct	159	0.0595	0.0769	0.00269	30.4	0.032	13.9	0.00123	0.00115	0.00000603	0.00621	0.00116	0.0159	0.0192	0.00000588	17.7	0.0000175	0.000273	0.000255	0.00105
2057 Nov	159	0.0599	0.0767	0.00269	30.4	0.0321	13.9	0.00123	0.00115	0.00000603	0.00623	0.00116	0.0159	0.0193	0.00000588	17.7	0.0000175	0.000274	0.000255	0.00105
2057 Dec	159	0.06	0.0767	0.00269	30.4	0.0322	13.9	0.00123	0.00115	0.00000604	0.00624	0.00116	0.0159	0.0193	0.00000589	17.7	0.0000175	0.000274	0.000255	0.00105
2058 Jan	159	0.06	0.0767	0.00269	30.4	0.0322	13.9	0.00123	0.00115	0.00000604	0.00624	0.00116	0.0159	0.0193	0.00000589	17.7	0.0000175	0.000274	0.000255	0.00105
2058 Feb	159	0.06	0.0767	0.00269	30.4	0.0322	13.9	0.00123	0.00115	0.00000604	0.00624	0.00116	0.0159	0.0193	0.00000589	17.8	0.0000175	0.000274	0.000255	0.00105
2058 Mar	159	0.06	0.0767	0.00269	30.4	0.0322	13.9	0.00123	0.00115	0.00000604	0.00624	0.00116	0.0159	0.0193	0.00000589	17.8	0.0000175	0.000274	0.000256	0.00105
2058 Apr	159	0.0602	0.0769	0.0027	30.5	0.0323	14	0.00123	0.00115	0.00000605	0.00626	0.00117	0.0159	0.0194	0.0000059	17.8	0.0000176	0.000275	0.000256	0.00105
2058 May	157	0.0611	0.0752	0.00264	30.3	0.032	13.8	0.00123	0.00116	0.00000606	0.00633	0.00121	0.0157	0.0205	0.00000591	18.7	0.0000179	0.000285	0.000276	0.00107
2058 Jun	145	0.058	0.0713	0.00241	28.4	0.028	13	0.0011	0.00102	0.00000537	0.00551	0.00115	0.0141	0.0205	0.00000524	18.4	0.000016	0.000279	0.000289	0.000998
2058 Jul	155	0.0598	0.0781	0.00259	30	0.0291	14	0.00114	0.00105	0.00000552	0.00551	0.00115	0.0149	0.0202	0.00000538	18.3	0.0000159	0.000282	0.000284	0.00102
2058 Aug	161	0.0622	0.0811	0.00269	31.2	0.0303	14.6	0.00118	0.00109	0.00000574	0.00573	0.0012	0.0155	0.021	0.00000559	19.1	0.0000166	0.000293	0.000295	0.00106
2058 Sep	161	0.0626	0.0808	0.00269	31.1	0.0305	14.6	0.00118	0.00109	0.00000575	0.00576	0.0012	0.0155	0.021	0.0000056	19.1	0.0000166	0.000293	0.000295	0.00106
2058 Oct	159	0.0629	0.0801	0.00267	30.9	0.0305	14.5	0.00118	0.00109	0.00000573	0.00577	0.0012	0.0155	0.021	0.00000559	19	0.0000165	0.000292	0.000293	0.00106
2058 Nov	160	0.0631	0.0802	0.00267	31	0.0306	14.5	0.00118	0.00109	0.00000574	0.00579	0.0012	0.0155	0.021	0.0000056	19.1	0.0000166	0.000292	0.000293	0.00106
2058 Dec	160	0.0631	0.0801	0.00267	31	0.0306	14.5	0.00118	0.00109	0.00000574	0.00579	0.0012	0.0155	0.021	0.0000056	19.1	0.0000166	0.000292	0.000293	0.00106
2059 Jan	160	0.0631	0.0801	0.00267	31	0.0306	14.5	0.00118	0.00109	0.00000574	0.00579	0.0012	0.0155	0.021	0.0000056	19.1	0.0000166	0.000292	0.000293	0.00106
2059 Feb	160	0.0632	0.0801	0.00267	31	0.0306	14.5	0.00118	0.00109	0.00000574	0.0058	0.0012	0.0155	0.021	0.0000056	19.1	0.0000166	0.000292	0.000293	0.00106
2059 Mar	160	0.0632	0.0801	0.00267	31	0.0306	14.5	0.00118	0.00109	0.00000574	0.0058	0.0012	0.0155	0.021	0.0000056	19.1	0.0000166	0.000292	0.000293	0.00106
2059 Apr	160	0.0633	0.0804	0.00268	31.1	0.0307	14.5	0.00119	0.0011	0.00000576	0.00581	0.00121	0.0156	0.0211	0.00000562	19.1	0.0000166	0.000293	0.000294	0.00106
2059 May	161	0.0642	0.0803	0.00268	31.3	0.0309	14.6	0.0012	0.00111	0.00000581	0.00589	0.00123	0.0156	0.0217	0.00000567	19.6	0.0000169	0.000299	0.000304	0.00108
2059 Jun	152	0.0635	0.0736	0.00249	29.8	0.0295	13.6	0.00117	0.00109	0.00000568	0.00593	0.00127	0.0148	0.0232	0.00000556	20.6	0.0000172	0.000309	0.000331	0.00108
2059 Jul	161	0.0673	0.078	0.00264	31.6	0.0314	14.5	0.00124	0.00115	0.00000604	0.00631	0.00135	0.0157	0.0246	0.0000059	21.9	0.0000183	0.000329	0.000351	0.00115
2059 Aug	169	0.0708	0.082	0.00278	33.2	0.033	15.2	0.0013	0.00121	0.00000635	0.00663	0.00142	0.0165	0.0259	0.00000621	23	0.0000192	0.000345	0.000369	0.00121
2059 Sep	170	0.0718	0.0821	0.00279	33.4	0.0334	15.3	0.00131	0.00122	0.00000639	0.00671	0.00143	0.0166	0.0261	0.00000626	23.2	0.0000194	0.000347	0.00037	0.00122
2059 Oct	157	0.071	0.0753	0.0026	31.1	0.0326	14.2	0.00125	0.00117	0.00000608	0.00654	0.00136	0.0157	0.0247	0.00000595	21.9	0.0000184	0.000327	0.000344	0.00116
2059 Nov	156	0.0713	0.0745	0.00258	30.9	0.0327	14.1	0.00124	0.00116	0.00000606	0.00655	0.00136	0.0157	0.0245	0.00000594	21.8	0.0000184	0.000325	0.000342	0.00116
2059 Dec	156	0.0713	0.0744	0.00257	30.9	0.0327	14.1	0.00124	0.00116	0.00000606	0.00655	0.00136	0.0157	0.0245	0.00000594	21.8	0.0000184	0.000325	0.000342	0.00116
2060 Jan	156	0.0714	0.0744	0.00257	30.9	0.0328	14.1	0.00124	0.00116	0.00000606	0.00655	0.00136	0.0157	0.0246	0.00000594	21.8	0.0000184	0.000325	0.000342	0.00116
2060 Feb	156	0.0714	0.0744	0.00257	30.9	0.0328	14.1	0.00124	0.00116	0.00000606	0.00655	0.00136	0.0157	0.0246	0.00000594	21.8	0.0000184	0.000325	0.000342	0.00116
2060 Mar	156	0.0714	0.0745	0.00258	30.9	0.0328	14.1	0.00124	0.00116	0.00000607	0.00655	0.00136	0.0157	0.0246	0.00000594	21.9	0.0000184	0.000326	0.000342	0.00116
2060 Apr	157	0.0717	0.0748	0.00259	31	0.0329	14.1	0.00125	0.00117	0.00000609	0.00658	0.00136	0.0157	0.0247	0.00000596	21.9	0.0000184	0.000327	0.000344	0.00116
2060 May	155	0.072	0.0732	0.00254	30.8	0.0326	13.9	0.00125	0.00117	0.00000608	0.00662	0.00139	0.0155	0.0255	0.00000596	22.5	0.0000186	0.000333	0.000357	0.00117
2060 Jun	146	0.0674	0.0699	0.0024	29.2	0.0302	13.3	0.00117	0.0011	0.00000571	0.00619	0.00133	0.0146	0.0245	0.0000056	21.6	0.0000177	0.000322	0.000348	0.00111
2060 Jul	156	0.0709	0.0756	0.00257	31.1	0.032	14.2	0.00124	0.00116	0.00000603	0.00648	0.00139	0.0156	0.0255	0.00000591	22.5	0.0000185	0.000338	0.00036	0.00117
2060 Aug	158	0.0721	0.0763	0.00261	31.5	0.0329	14.4	0.00127	0.00118	0.00000615	0.00661	0.00141	0.0159	0.0259	0.00000603	22.9	0.0000187	0.000343	0.000365	0.00119
2060 Sep	147	0.0692	0.0703	0.00245	29.5	0.0326	13.5	0.00122	0.00114	0.00000592	0.0064	0.00135	0.0153	0.0246	0.0000058	21.8	0.0000175	0.000326	0.00034	0.00113
2060 Oct	146	0.0692	0.0693	0.00242	29.2	0.0325	13.3	0.00121	0.00113	0.00000587	0.00638	0.00134	0.0152	0.0244	0.00000576	21.6	0.0000174	0.000323	0.000336	0.00112
2060 Nov	145	0.0692	0.0688	0.0024	29	0.0324	13.2	0.0012	0.00112	0.00000585	0.00637	0.00134	0.0151	0.0242	0.00000574	21.5	0.0000173	0.000321	0.000334	0.00112
2060 Dec	145	0.0692	0.0688	0.0024	29	0.0325	13.2	0.0012	0.00113	0.00000585	0.00637	0.00134	0.0151	0.0243	0.00000574	21.5	0.0000173	0.000321	0.000334	0.00112
2061 Jan	145	0.0693	0.0688	0.0024	29	0.0325	13.2	0.0012	0.00113	0.00000585	0.00637	0.00134	0.0151	0.0243	0.00000574	21.5	0.0000173	0.000321	0.000334	0.00112
2061 Feb	145	0.0693	0.0688	0.0024	29	0.0325	13.2	0.0012	0.00113	0.00000585	0.00637	0.00134	0.0151	0.0243	0.00000574	21.5	0.0000173	0.000321	0.000335	0.00112
2061 Mar	145	0.0693	0.0688	0.0024	29.1	0.0325	13.2	0.0012	0.00113	0.00000585	0.00637	0.00134	0.0151	0.0243	0.00000574	21.5	0.0000173	0.000321	0.000335	0.00112
2061 Apr	145	0.0696	0.069	0.00241	29.2	0.0326	13.3	0.00121	0.00113	0.00000587	0.0064	0.00135	0.0152	0.0244	0.00000576	21.6	0.0000174	0.000323	0.000336	0.00112
2061 May	146	0.0698	0.0697	0.00241	29.4	0.0321	13.4	0.0012	0.00112	0.00000584	0.00634	0.00136	0.0151	0.0249	0.00000574	22	0.0000174	0.000328	0.000347	0.00113
2061 Jun	150	0.0642	0.0796	0.00256	29.6	0.0296	14.4	0.00112	0.00102	0.00000536	0.00541	0.00121	0.0151	0.0214	0.00000524	19.3	0.0000152	0.000303	0.000302	0.00104
2061 Jul	160	0.0674	0.0858	0.00275	31.4	0.0313	15.4	0.00119	0.00107	0.00000565	0.00565	0.00126	0.0161	0.0221	0.00000553	20.1	0.0000159	0.000318	0.000312	0.00109
2061 Aug	168	0.0708	0.09	0.00288	33	0.0329	16.2	0.00124	0.00113	0.00000593	0.00594	0.00133	0.017	0.0232	0.0000058	21.1	0.0000167	0.000333	0.000327	0.00114
2061 Sep	170	0.0717	0.091	0.00292	33.3	0.0334	16.4	0.00126	0.00114	0.00000601	0.00602	0.00134	0.0172	0.0235	0.00000588	21.3	0.0000169	0.000337	0.000331	0.00116
2061 Oct	162	0.0711	0.0862	0.00278	31.9	0.0329	15.6	0.00122	0.00111	0.00000582	0.00594	0.0013	0.0166	0.0227	0.0000057	20.6	0.0000164	0.000325	0.000317	0.00112
2061 Nov	159	0.0715	0.0841	0.00274	31.4	0.0329	15.3	0.00121	0.0011	0.00000578	0.00596	0.00129	0.0164	0.0225	0.00000566	20.4	0.0000163	0.000321	0.000311	0.00111
2061 Dec	159	0.0716	0.0841	0.00273	31.4	0.0329	15.3	0.00121	0.0011	0.00000578	0.00596	0.00129	0.0164	0.0225	0.00000566	20.4	0.0000163	0.000321	0.000311	0.00111
2062 Jan	159	0.0716	0.0841	0.00273	31.4	0.0329	15.3	0.00121	0.0011	0.00000578	0.00596	0.00129	0.0164	0.0225	0.00000566	20.4	0.0000163	0.000321	0.000311	0.00111
2062 Feb	159	0.0716	0.0841	0.00273	31.4	0.0329	15.3	0.00121	0.0011	0.00000578	0.00596	0.00129	0.0164	0.0225	0.00000566	20.5	0.0000163	0.000321	0.000312	0.00111
2062 Mar	160	0.0717	0.0842	0.00274	31.4	0.033	15.3	0.00121	0.0011	0.00000579	0.00597	0.00129	0.0164	0.0225	0.00000567	20.5	0.0000164	0.000321	0.000312	0.00111
2062 Apr	160	0.072	0.0845	0.00275	31.5	0.0331	15.4	0.00122	0.00111	0.00000581	0.00599	0.0013	0.0165	0.0226	0.00000569	20.6	0.0000164	0.000323	0.000313	0.00112
2062 May	162	0.0728	0.0854	0.00278	31.9	0.0335	15.6	0.00123	0.00112	0.00000587	0.00606	0.00131	0.0166	0.0229	0.00000575	20.8	0.0000166	0.000326	0.000317	0.00113
2062 Jun	147	0.0627	0.0788	0.0026	28.6	0.031	14.2	0.00117	0.00106	0.00000557	0.00587	0.00119	0.0158	0.0198	0.00000547	18.2	0.0000164	0.000298	0.000268	0.00102
2062 Jul	147	0.0594	0.0821	0.00267	28.4	0.0306	14.5	0.00117	0.00105	0.00000552	0.00572	0.00114	0.0161	0.0181	0.00000541	16.9	0.0000161	0.000289	0.00024	0.000987
2062 Aug	148	0.06	0.0822	0.00269	28.6	0.0313	14.5	0.00118	0.00107	0.0000056	0.00581	0.00115	0.0163	0.0183	0.00000549	17.1	0.0000162	0.000292	0.000242	0.001
2062 Sep	144	0.06	0.0799	0.00263	27.9	0.0312	14.2	0.00116	0.00105	0.00000552	0.00577	0.00114	0.0161	0.018	0.00000541	16.9	0.0000159	0.000286	0.000236	0.000986
2062 Oct	145	0.0628	0.0838	0.00268	27.7	0.0315	14.7	0.00111	0.000985	0.00000519	0.00534	0.00105	0.0161	0.0157	0.00000509	15.2	0.0000141	0.000267	0.000199	0.000939
2062 Nov	145	0.0633	0.0841	0.00269	27.8	0.0317	14.8	0.00111	0.000986	0.0000052	0.00535	0.00105	0.0162	0.0156	0.0000051	15.2	0.0000141	0.000267	0.000198	0.000941
2062 Dec	145	0.0633	0.0841	0.00269	27.8	0.0317	14.8	0.00111	0.000986	0.0000052	0.00536	0.00105	0.0162	0.0156	0.0000051	15.2	0.0000141	0.000267	0.000198	0.000941
2063 Jan	145	0.0633	0.0841	0.00269	27.8	0.0317	14.8	0.00111	0.000986	0.0000052	0.00536	0.00105	0.0162	0.0157	0.0000051	15.2	0.0000141	0.000267	0.000198	0.000942
2063 Feb	145	0.0634	0.0841	0.00269	27.8	0.0317	14.8	0.00111	0.000987	0.0000052	0.00536	0.00105	0.0162	0.0157	0.0000051	15.2	0.0000141	0.000267	0.000198	0.000942

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	145	0.0634	0.0841	0.00269	27.8	0.0317	14.8	0.00111	0.000987	0.00000521	0.00536	0.00105	0.0162	0.0157	0.0000051	15.2	0.0000141	0.000267	0.000198	0.000942
2063 Apr	146	0.0635	0.0843	0.00269	27.8	0.0318	14.8	0.00112	0.000989	0.00000522	0.00537	0.00105	0.0162	0.0157	0.00000511	15.2	0.0000141	0.000268	0.000199	0.000944
2063 May	146	0.0642	0.0844	0.0027	28.1	0.0318	14.9	0.00112	0.000997	0.00000526	0.00542	0.00108	0.0163	0.0163	0.00000515	15.7	0.0000143	0.000275	0.00021	0.000959
2063 Jun	148	0.0572	0.0921	0.00279	27.8	0.0287	15.7	0.00107	0.000921	0.00000489	0.00476	0.00103	0.0164	0.0152	0.00000479	14.8	0.0000135	0.000281	0.000204	0.000901
2063 Jul	157	0.058	0.1	0.00299	29.1	0.0295	16.9	0.0011	0.000934	0.00000498	0.00471	0.00103	0.0174	0.0145	0.00000488	14.5	0.0000134	0.000288	0.000195	0.000913
2063 Aug	165	0.0609	0.105	0.00314	30.5	0.031	17.7	0.00116	0.000981	0.00000523	0.00495	0.00108	0.0183	0.0153	0.00000512	15.2	0.000014	0.000302	0.000205	0.000958
2063 Sep	164	0.0614	0.104	0.00312	30.4	0.0315	17.7	0.00116	0.000989	0.00000527	0.00501	0.00109	0.0183	0.0154	0.00000516	15.4	0.000014	0.000302	0.000205	0.000964
2063 Oct	161	0.0613	0.102	0.00306	29.9	0.0313	17.3	0.00115	0.000978	0.0000052	0.00499	0.00108	0.018	0.0153	0.0000051	15.2	0.0000139	0.000298	0.000202	0.000953
2063 Nov	160	0.0616	0.101	0.00305	29.8	0.0314	17.2	0.00115	0.000978	0.0000052	0.00502	0.00108	0.018	0.0153	0.0000051	15.2	0.0000139	0.000297	0.000201	0.000953
2063 Dec	160	0.0617	0.101	0.00305	29.8	0.0314	17.2	0.00115	0.000979	0.0000052	0.00502	0.00108	0.018	0.0153	0.0000051	15.2	0.0000139	0.000297	0.000201	0.000954
2064 Jan	160	0.0617	0.101	0.00305	29.8	0.0314	17.2	0.00115	0.000979	0.0000052	0.00502	0.00108	0.018	0.0153	0.0000051	15.2	0.0000139	0.000297	0.000202	0.000954
2064 Feb	160	0.0618	0.101	0.00305	29.8	0.0314	17.2	0.00115	0.000979	0.00000521	0.00503	0.00108	0.018	0.0153	0.00000511	15.2	0.0000139	0.000297	0.000202	0.000954
2064 Mar	161	0.0619	0.101	0.00305	29.8	0.0315	17.3	0.00115	0.00098	0.00000521	0.00503	0.00108	0.018	0.0153	0.00000511	15.2	0.0000139	0.000298	0.000202	0.000956
2064 Apr	161	0.062	0.102	0.00306	29.9	0.0316	17.3	0.00115	0.000983	0.00000522	0.00504	0.00108	0.0181	0.0154	0.00000512	15.3	0.000014	0.000299	0.000203	0.000958
2064 May	159	0.0626	0.0998	0.003	29.8	0.0312	17.1	0.00115	0.000986	0.00000523	0.0051	0.00112	0.0178	0.0165	0.00000513	16.1	0.0000143	0.000308	0.000223	0.000975
2064 Jun	157	0.0614	0.101	0.00296	29.6	0.0292	17.4	0.00111	0.000935	0.00000497	0.00472	0.00115	0.0175	0.0175	0.00000489	16.9	0.0000137	0.000326	0.000249	0.000969
2064 Jul	163	0.0637	0.106	0.00309	30.8	0.0304	18.2	0.00116	0.000971	0.00000517	0.00489	0.00119	0.0183	0.0181	0.00000508	17.4	0.0000142	0.000338	0.000256	0.001
2064 Aug	165	0.0646	0.107	0.00313	31.2	0.0312	18.4	0.00118	0.000991	0.00000527	0.00499	0.00121	0.0186	0.0184	0.00000518	17.7	0.0000144	0.000343	0.000259	0.00102
2064 Sep	160	0.0638	0.103	0.00304	30.3	0.0312	17.8	0.00116	0.000981	0.00000521	0.00498	0.00119	0.0182	0.0181	0.00000512	17.4	0.000014	0.000335	0.000252	0.00101
2064 Oct	160	0.0643	0.103	0.00304	30.4	0.0314	17.8	0.00117	0.000985	0.00000523	0.00501	0.0012	0.0183	0.0182	0.00000514	17.5	0.0000141	0.000336	0.000253	0.00101
2064 Nov	161	0.0646	0.103	0.00305	30.5	0.0315	17.9	0.00117	0.000989	0.00000525	0.00503	0.0012	0.0184	0.0183	0.00000516	17.6	0.0000141	0.000337	0.000253	0.00101
2064 Dec	161	0.0646	0.103	0.00305	30.5	0.0316	17.9	0.00117	0.000989	0.00000525	0.00504	0.0012	0.0184	0.0183	0.00000516	17.6	0.0000141	0.000337	0.000254	0.00101
2065 Jan	161	0.0646	0.103	0.00305	30.5	0.0316	17.9	0.00117	0.000989	0.00000525	0.00504	0.0012	0.0184	0.0183	0.00000516	17.6	0.0000141	0.000337	0.000254	0.00101
2065 Feb	161	0.0646	0.103	0.00305	30.5	0.0316	17.9	0.00117	0.00099	0.00000525	0.00504	0.0012	0.0184	0.0183	0.00000516	17.6	0.0000141	0.000338	0.000254	0.00102
2065 Mar	161	0.0647	0.104	0.00306	30.6	0.0316	17.9	0.00117	0.000991	0.00000526	0.00505	0.00121	0.0184	0.0183	0.00000517	17.6	0.0000142	0.000338	0.000254	0.00102
2065 Apr	162	0.065	0.104	0.00307	30.7	0.0317	18	0.00118	0.000995	0.00000528	0.00507	0.00121	0.0185	0.0184	0.00000519	17.7	0.0000142	0.000339	0.000255	0.00102
2065 May	162	0.0657	0.103	0.00306	30.8	0.0318	17.9	0.00119	0.001	0.00000532	0.00515	0.00124	0.0184	0.019	0.00000524	18.2	0.0000145	0.000345	0.000266	0.00104
2065 Jun	154	0.0611	0.1	0.00294	29.2	0.03	17.3	0.00114	0.000962	0.0000051	0.00496	0.00119	0.0179	0.0181	0.00000502	17.3	0.0000143	0.000338	0.000253	0.000985
2065 Jul	165	0.0644	0.109	0.00319	31.2	0.0319	18.8	0.00122	0.00102	0.0000054	0.0052	0.00125	0.0193	0.0185	0.00000532	17.9	0.000015	0.000358	0.000259	0.00104
2065 Aug	173	0.0673	0.114	0.00333	32.6	0.0335	19.6	0.00127	0.00107	0.00000565	0.00545	0.00131	0.0202	0.0194	0.00000557	18.8	0.0000157	0.000375	0.00027	0.00109
2065 Sep	165	0.067	0.108	0.00319	31.3	0.0331	18.7	0.00124	0.00104	0.00000551	0.00541	0.00127	0.0195	0.0189	0.00000544	18.3	0.0000153	0.000361	0.00026	0.00106
2065 Oct	152	0.0673	0.0982	0.00294	28.9	0.0326	17.3	0.00117	0.000992	0.00000524	0.00534	0.0012	0.0184	0.0178	0.00000517	17.2	0.0000145	0.000336	0.000237	0.00101
2065 Nov	151	0.0676	0.0983	0.00294	28.9	0.0328	17.3	0.00117	0.000989	0.00000523	0.00534	0.0012	0.0184	0.0176	0.00000516	17.1	0.0000144	0.000335	0.000234	0.00101
2065 Dec	151	0.0677	0.0982	0.00294	28.9	0.0328	17.3	0.00117	0.00099	0.00000523	0.00534	0.0012	0.0184	0.0176	0.00000516	17.1	0.0000144	0.000335	0.000234	0.00101
2066 Jan	151	0.0677	0.0982	0.00294	28.9	0.0328	17.3	0.00117	0.00099	0.00000523	0.00535	0.0012	0.0184	0.0176	0.00000516	17.1	0.0000144	0.000335	0.000234	0.00101
2066 Feb	151	0.0678	0.0982	0.00294	28.9	0.0328	17.3	0.00117	0.00099	0.00000523	0.00535	0.0012	0.0184	0.0176	0.00000516	17.1	0.0000144	0.000336	0.000234	0.00101
2066 Mar	151	0.0679	0.0984	0.00295	28.9	0.0329	17.3	0.00118	0.000992	0.00000524	0.00536	0.0012	0.0185	0.0177	0.00000517	17.1	0.0000144	0.000336	0.000235	0.00101
2066 Apr	152	0.0681	0.0987	0.00296	29	0.033	17.4	0.00118	0.000995	0.00000526	0.00537	0.00121	0.0185	0.0177	0.00000519	17.2	0.0000145	0.000337	0.000235	0.00101
2066 May	153	0.0689	0.0997	0.00299	29.3	0.0333	17.6	0.00119	0.00101	0.00000532	0.00544	0.00122	0.0187	0.0179	0.00000524	17.4	0.0000147	0.000341	0.000239	0.00102
2066 Jun	148	0.0595	0.102	0.003	27.7	0.0309	17.6	0.00116	0.000956	0.00000507	0.0051	0.00114	0.0188	0.0154	0.000005	15.4	0.0000144	0.000334	0.000203	0.000942
2066 Jul	162	0.0628	0.114	0.00331	30	0.0331	19.5	0.00124	0.00101	0.00000539	0.00532	0.0012	0.0206	0.0157	0.00000532	16	0.0000152	0.000359	0.000207	0.000998
2066 Aug	169	0.0656	0.119	0.00346	31.4	0.0347	20.3	0.0013	0.00106	0.00000564	0.00558	0.00126	0.0216	0.0165	0.00000558	16.7	0.0000158	0.000376	0.000217	0.00105
2066 Sep	169	0.0664	0.118	0.00344	31.3	0.035	20.2	0.0013	0.00107	0.00000566	0.00564	0.00126	0.0215	0.0165	0.00000559	16.8	0.0000159	0.000375	0.000216	0.00105
2066 Oct	164	0.0664	0.113	0.00334	30.4	0.0347	19.6	0.00128	0.00105	0.00000556	0.00561	0.00124	0.021	0.0163	0.0000055	16.5	0.0000156	0.000366	0.000211	0.00103
2066 Nov	162	0.0666	0.112	0.00331	30.2	0.0347	19.5	0.00127	0.00105	0.00000554	0.00562	0.00123	0.0209	0.0163	0.00000548	16.5	0.0000156	0.000364	0.00021	0.00103
2066 Dec	162	0.0667	0.112	0.00331	30.2	0.0347	19.5	0.00127	0.00105	0.00000555	0.00563	0.00124	0.0209	0.0163	0.00000548	16.5	0.0000156	0.000364	0.00021	0.00103
2067 Jan	162	0.0667	0.112	0.00331	30.2	0.0347	19.5	0.00127	0.00105	0.00000555	0.00563	0.00124	0.0209	0.0163	0.00000548	16.5	0.0000156	0.000364	0.00021	0.00103
2067 Feb	162	0.0668	0.112	0.00331	30.2	0.0347	19.5	0.00127	0.00105	0.00000555	0.00563	0.00124	0.0209	0.0163	0.00000549	16.5	0.0000156	0.000364	0.000211	0.00103
2067 Mar	163	0.0669	0.112	0.00332	30.2	0.0348	19.5	0.00127	0.00105	0.00000556	0.00564	0.00124	0.0209	0.0163	0.00000549	16.5	0.0000156	0.000365	0.000211	0.00103
2067 Apr	163	0.067	0.113	0.00332	30.3	0.0348	19.5	0.00128	0.00105	0.00000557	0.00565	0.00124	0.021	0.0164	0.00000551	16.6	0.0000157	0.000365	0.000212	0.00103
2067 May	164	0.0679	0.113	0.00333	30.6	0.0351	19.6	0.00129	0.00106	0.00000563	0.00574	0.00127	0.021	0.017	0.00000557	17.1	0.000016	0.000372	0.000222	0.00105
2067 Jun	149	0.0637	0.0994	0.00298	28.1	0.0323	17.5	0.00122	0.00102	0.00000538	0.00566	0.00125	0.0191	0.018	0.00000532	17.4	0.000016	0.00036	0.000241	0.00102
2067 Jul	157	0.0671	0.105	0.00315	29.7	0.0342	18.5	0.00129	0.00108	0.00000569	0.00599	0.00132	0.0202	0.019	0.00000563	18.4	0.0000169	0.00038	0.000254	0.00107
2067 Aug	159	0.0678	0.106	0.00319	30	0.0352	18.7	0.00132	0.00111	0.00000583	0.00613	0.00135	0.0205	0.0194	0.00000577	18.8	0.0000172	0.000385	0.000257	0.0011
2067 Sep	160	0.0687	0.106	0.00321	30.2	0.0357	18.8	0.00133	0.00112	0.00000589	0.00621	0.00137	0.0207	0.0196	0.00000583	18.9	0.0000173	0.000388	0.000259	0.00111
2067 Oct	153	0.0684	0.101	0.00308	29.1	0.0352	18	0.00129	0.00109	0.00000574	0.00614	0.00133	0.02	0.0191	0.00000568	18.4	0.0000168	0.000374	0.00025	0.00108
2067 Nov	152	0.0688	0.0997	0.00305	28.8	0.0352	17.8	0.00128	0.00109	0.00000572	0.00615	0.00133	0.0198	0.0191	0.00000566	18.4	0.0000168	0.000372	0.000248	0.00108
2067 Dec	152	0.0689	0.0996	0.00305	28.8	0.0353	17.8	0.00128	0.00109	0.00000572	0.00616	0.00133	0.0199	0.0191	0.00000567	18.4	0.0000168	0.000372	0.000248	0.00108
2068 Jan	152	0.069	0.0996	0.00305	28.8	0.0353	17.8	0.00128	0.00109	0.00000572	0.00617	0.00133	0.0198	0.0191	0.00000567	18.4	0.0000168	0.000372	0.000248	0.00108
2068 Feb	152	0.069	0.0996	0.00305	28.8	0.0353	17.8	0.00129	0.00109	0.00000572	0.00617	0.00133	0.0199	0.0191	0.00000567	18.4	0.0000168	0.000372	0.000249	0.00108
2068 Mar	152	0.0691	0.0998	0.00305	28.9	0.0353	17.8	0.00129	0.00109	0.00000573	0.00618	0.00133	0.0199	0.0191	0.00000568	18.5	0.0000168	0.000373	0.000249	0.00108
2068 Apr	153	0.0697	0.101	0.00308	29.1	0.0356	18	0.0013	0.0011	0.00000578	0.00623	0.00134	0.02	0.0193	0.00000572	18.6	0.000017	0.000376	0.000251	0.00109
2068 May	153	0.0702	0.0992	0.00304	29.1	0.0354	17.8	0.0013	0.00111	0.0000058	0.00628	0.00137	0.0199	0.0201	0.00000575	19.2	0.0000172	0.000381	0.000265	0.0011
2068 Jun	148	0.0632	0.103	0.003	28.2	0.0312	18.3	0.00119	0.000977	0.00000516	0.00529	0.00128	0.0194	0.0186	0.00000512	18	0.0000153	0.000382	0.000258	0.00101
2068 Jul	153	0.0642	0.108	0.00312	29	0.0323	19	0.00123	0.001	0.0000053	0.00538	0.00131	0.0201	0.0186	0.00000526	18.1	0.0000155	0.000391	0.000257	0.00104
2068 Aug	161	0.0674	0.113	0.00328	30.5	0.0341	20	0.00129	0.00106	0.00000558	0.00567	0.00138	0.0212	0.0196	0.00000554	19.1	0.0000163	0.000411	0.00027	0.00109
2068 Sep	159	0.0681	0.112	0.00326	30.3	0.0343	19.8	0.00129	0.00106	0.00000559	0.00571	0.00138	0.0211	0.0196	0.00000555	19.1	0.0000163	0.000409	0.000269	0.00109
2068 Oct	159	0.0687	0.111	0.00325	30.3	0.0345	19.8	0.0013	0.00106	0.0000056	0.00575	0.00138	0.0211	0.0197	0.00000556	19.1	0.0000163	0.000409	0.000268	0.0011
2068 Nov	159	0.0689	0.112	0.00326	30.4	0.0347	19.8	0.0013	0.00106	0.00000562	0.00578	0.00138	0.0212	0.0197	0.00000558	19.2	0.0000164	0.00041	0.000269	0.0011
2068 Dec	160	0.069	0.112	0.00326	30.4	0.0347	19.8	0.0013	0.00107	0.00000562	0.00578	0.00138	0.0212	0.0198	0.00000558	19.2	0.0000164	0.00041	0.000269	0.0011
2069 Jan	160	0.069	0.112	0.00326	30.4	0.0347	19.8	0.0013	0.00107	0.00000562	0.00578	0.00138	0.0212	0.0198	0.00000558	19.2	0.0000164	0.00041	0.000269	0.0011
2069 Feb	160	0.069	0.112	0.00326	30.4	0.0347	19.8	0.0013	0.00107	0.00000563	0.00578	0.00139	0.0212	0.0198	0.00000558	19.2	0.0000164	0.00041	0.00027	0.0011
2069 Mar	160	0.069	0.112	0.00326	30.4	0.0347	19.8	0.0013	0.00107	0.00000563	0.00578	0.00139	0.0212	0.0198	0.00000558	19.2	0.0000164	0.00041	0.00027	0.0011
2069 Apr	160	0.0692	0.112	0.00327	30.5	0.0348	19.9	0.0013	0.00107	0.00000564	0.00579	0.00139	0.0212	0.0198	0.00000559	19.2	0.0000164	0.000411	0.00027	0.0011
2069 May	163	0.0705	0.114	0.00333	31	0.0354	20.2	0.00133	0.00109	0.00000574	0.0059	0.00141	0.0216	0.0202	0.0000057	19.6	0.0000167	0.000419	0.000276	0.00112
2069 Jun	145	0.0613	0.101	0.003	27.5	0.0325	18	0.00125	0.00104	0.00000545	0.00581	0.00131	0.0199	0.0184	0.00000542	17.8	0.0000167	0.000387	0.000247	0.00103
2069 Jul	151	0.0629	0.107	0.00316	28.6	0.0338	18.9	0.00131	0.00108	0.00000566	0.00599	0.00135	0.021	0.0186	0.00000562	18.2	0.0000173	0.000403	0.000249	0.00106

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	155	0.0649	0.11	0.00326	29.5	0.0349	19.5	0.00135	0.00111	0.00000584	0.00618	0.00139	0.0216	0.0192	0.0000058	18.8	0.0000178	0.000415	0.000256	0.00109
2069 Sep	149	0.0649	0.104	0.00312	28.4	0.0345	18.7	0.00131	0.00108	0.00000569	0.00611	0.00136	0.0209	0.0187	0.00000565	18.2	0.0000173	0.0004	0.000246	0.00107
2069 Oct	141	0.0659	0.099	0.00297	27	0.0342	17.9	0.00125	0.00103	0.00000543	0.00593	0.00129	0.0201	0.0175	0.0000054	17.3	0.0000163	0.00038	0.000225	0.00102
2069 Nov	141	0.0662	0.0994	0.00298	27	0.0343	18	0.00125	0.00103	0.00000542	0.00592	0.00129	0.0202	0.0174	0.00000539	17.2	0.0000162	0.00038	0.000223	0.00102
2069 Dec	141	0.0663	0.0993	0.00298	27	0.0343	18	0.00125	0.00103	0.00000542	0.00592	0.00129	0.0202	0.0174	0.00000539	17.2	0.0000162	0.000379	0.000223	0.00102
2070 Jan	141	0.0664	0.0994	0.00298	27	0.0343	18	0.00125	0.00103	0.00000542	0.00592	0.00129	0.0202	0.0174	0.00000539	17.2	0.0000162	0.00038	0.000223	0.00102
2070 Feb	141	0.0664	0.0994	0.00298	27	0.0343	18	0.00125	0.00103	0.00000542	0.00592	0.00129	0.0202	0.0175	0.00000539	17.2	0.0000162	0.00038	0.000223	0.00102
2070 Mar	141	0.0664	0.0994	0.00298	27.1	0.0343	18	0.00125	0.00103	0.00000542	0.00592	0.00129	0.0202	0.0175	0.00000539	17.2	0.0000162	0.00038	0.000224	0.00103
2070 Apr	141	0.0667	0.0999	0.003	27.2	0.0345	18	0.00126	0.00104	0.00000545	0.00595	0.0013	0.0203	0.0176	0.00000542	17.3	0.0000163	0.000382	0.000225	0.00103
2070 May	143	0.0676	0.1	0.00301	27.5	0.0346	18.2	0.00127	0.00105	0.00000549	0.006	0.00132	0.0204	0.0182	0.00000546	17.9	0.0000165	0.000389	0.000236	0.00105
2070 Jun	147	0.0665	0.106	0.00307	28.1	0.033	19	0.00124	0.001	0.0000053	0.00561	0.00134	0.0205	0.019	0.00000527	18.5	0.000016	0.000408	0.000258	0.00105
2070 Jul	154	0.0693	0.11	0.00321	29.3	0.0345	19.9	0.0013	0.00105	0.00000554	0.00586	0.0014	0.0215	0.0197	0.00000551	19.2	0.0000167	0.000426	0.000268	0.00109
2070 Aug	158	0.0713	0.113	0.0033	30.2	0.0357	20.5	0.00134	0.00108	0.00000572	0.00605	0.00145	0.0221	0.0204	0.00000569	19.8	0.0000172	0.000438	0.000276	0.00113
2070 Sep	153	0.0716	0.109	0.0032	29.3	0.0356	19.8	0.00131	0.00107	0.00000563	0.00605	0.00142	0.0216	0.02	0.00000561	19.5	0.0000169	0.000426	0.000269	0.00111
2070 Oct	147	0.0715	0.104	0.00307	28.3	0.0352	19	0.00128	0.00105	0.00000551	0.00601	0.00138	0.0209	0.0196	0.00000548	19	0.0000165	0.000411	0.000259	0.00109
2070 Nov	146	0.0718	0.103	0.00305	28.1	0.0352	18.9	0.00128	0.00105	0.0000055	0.00603	0.00138	0.0208	0.0195	0.00000548	19	0.0000165	0.000409	0.000258	0.00108
2070 Dec	146	0.0718	0.103	0.00305	28.1	0.0353	18.8	0.00128	0.00105	0.0000055	0.00603	0.00138	0.0208	0.0195	0.00000548	19	0.0000165	0.000409	0.000258	0.00108
2071 Jan	146	0.0718	0.103	0.00305	28.1	0.0353	18.8	0.00128	0.00105	0.0000055	0.00603	0.00138	0.0208	0.0196	0.00000548	19	0.0000165	0.000409	0.000258	0.00108
2071 Feb	146	0.0718	0.103	0.00305	28.1	0.0353	18.8	0.00128	0.00105	0.0000055	0.00603	0.00138	0.0208	0.0196	0.00000548	19	0.0000165	0.000409	0.000259	0.00108
2071 Mar	146	0.0719	0.103	0.00305	28.1	0.0353	18.8	0.00128	0.00105	0.0000055	0.00603	0.00138	0.0208	0.0196	0.00000548	19	0.0000165	0.000409	0.000259	0.00108
2071 Apr	147	0.072	0.103	0.00306	28.2	0.0353	18.9	0.00128	0.00105	0.00000551	0.00604	0.00139	0.0208	0.0196	0.00000549	19	0.0000165	0.00041	0.000259	0.00109
2071 May	146	0.0719	0.102	0.00304	28.2	0.0351	18.8	0.00128	0.00105	0.0000055	0.00603	0.0014	0.0207	0.02	0.00000548	19.3	0.0000166	0.000413	0.000266	0.00109
2071 Jun	148	0.0667	0.109	0.00312	28	0.033	19.7	0.00123	0.000985	0.0000052	0.00549	0.00135	0.0211	0.0186	0.00000519	18.3	0.0000157	0.000418	0.000254	0.00104
2071 Jul	156	0.0682	0.116	0.00331	29.2	0.0341	20.9	0.00128	0.00101	0.00000536	0.00558	0.00138	0.0223	0.0186	0.00000534	18.5	0.000016	0.000435	0.000254	0.00107
2071 Aug	162	0.0708	0.12	0.00343	30.3	0.0355	21.7	0.00133	0.00105	0.00000557	0.00581	0.00144	0.0231	0.0193	0.00000556	19.2	0.0000166	0.000452	0.000263	0.00111
2071 Sep	157	0.0702	0.116	0.00333	29.4	0.0352	21	0.00131	0.00104	0.00000548	0.00576	0.00141	0.0225	0.019	0.00000546	18.9	0.0000163	0.00044	0.000256	0.00109
2071 Oct	154	0.07	0.113	0.00326	28.9	0.035	20.5	0.00129	0.00102	0.00000541	0.00573	0.00139	0.0221	0.0187	0.00000539	18.6	0.0000161	0.000431	0.000251	0.00108
2071 Nov	153	0.0702	0.112	0.00324	28.7	0.035	20.3	0.00128	0.00102	0.00000539	0.00574	0.00138	0.022	0.0187	0.00000538	18.5	0.000016	0.000429	0.00025	0.00107
2071 Dec	152	0.0703	0.112	0.00323	28.6	0.035	20.3	0.00128	0.00102	0.00000539	0.00575	0.00138	0.022	0.0187	0.00000538	18.5	0.000016	0.000428	0.00025	0.00107
2072 Jan	152	0.0703	0.112	0.00323	28.6	0.035	20.3	0.00128	0.00102	0.00000539	0.00575	0.00138	0.022	0.0187	0.00000538	18.5	0.000016	0.000428	0.00025	0.00107
2072 Feb	152	0.0703	0.112	0.00323	28.7	0.035	20.3	0.00128	0.00102	0.00000539	0.00575	0.00138	0.022	0.0187	0.00000538	18.6	0.000016	0.000428	0.00025	0.00107
2072 Mar	152	0.0703	0.112	0.00323	28.7	0.035	20.3	0.00128	0.00102	0.0000054	0.00575	0.00138	0.022	0.0187	0.00000538	18.6	0.000016	0.000428	0.00025	0.00107
2072 Apr	153	0.0706	0.112	0.00324	28.7	0.0351	20.4	0.00128	0.00103	0.00000541	0.00577	0.00139	0.022	0.0188	0.0000054	18.6	0.0000161	0.00043	0.000251	0.00108
2072 May	155	0.0717	0.114	0.00329	29.2	0.0357	20.7	0.00131	0.00104	0.0000055	0.00586	0.00141	0.0224	0.0191	0.00000548	18.9	0.0000164	0.000437	0.000255	0.00109
2072 Jun	146	0.0652	0.108	0.00315	27.3	0.0341	19.5	0.00128	0.00102	0.00000539	0.00584	0.00135	0.0217	0.0177	0.00000538	17.7	0.0000165	0.000419	0.000233	0.00104
2072 Jul	147	0.065	0.11	0.00321	27.6	0.0348	19.9	0.0013	0.00105	0.00000551	0.00595	0.00137	0.0222	0.0177	0.00000549	17.7	0.0000168	0.000425	0.000231	0.00105
2072 Aug	144	0.0643	0.107	0.00315	27.1	0.0357	19.5	0.0013	0.00105	0.0000055	0.00591	0.00136	0.0221	0.0175	0.00000549	17.5	0.0000161	0.000419	0.000222	0.00104
2072 Sep	142	0.0641	0.106	0.00313	26.8	0.036	19.4	0.00129	0.00103	0.00000544	0.00581	0.00134	0.0221	0.017	0.00000543	17.2	0.0000155	0.000414	0.000214	0.00103
2072 Oct	144	0.0651	0.11	0.00319	26.9	0.0359	20	0.00127	0.001	0.00000529	0.0056	0.00131	0.0224	0.0161	0.00000529	16.6	0.0000149	0.000414	0.000201	0.00101
2072 Nov	144	0.0655	0.11	0.0032	26.9	0.036	20.1	0.00127	0.001	0.00000528	0.00559	0.00131	0.0225	0.016	0.00000528	16.5	0.0000149	0.000415	0.000199	0.00101
2072 Dec	144	0.0656	0.11	0.0032	26.9	0.036	20.1	0.00127	0.001	0.00000529	0.0056	0.00131	0.0225	0.016	0.00000528	16.5	0.0000149	0.000415	0.000199	0.00101
2073 Jan	144	0.0656	0.11	0.0032	26.9	0.036	20.1	0.00127	0.001	0.00000529	0.0056	0.00131	0.0225	0.016	0.00000528	16.6	0.0000149	0.000415	0.000199	0.00101
2073 Feb	144	0.0656	0.11	0.0032	26.9	0.036	20.1	0.00127	0.001	0.00000529	0.0056	0.00131	0.0225	0.016	0.00000528	16.6	0.0000149	0.000415	0.0002	0.00101
2073 Mar	144	0.0656	0.11	0.0032	26.9	0.036	20.1	0.00127	0.001	0.00000529	0.0056	0.00131	0.0225	0.016	0.00000528	16.6	0.0000149	0.000415	0.0002	0.00101
2073 Apr	145	0.0661	0.111	0.00322	27.1	0.0362	20.2	0.00128	0.00101	0.00000532	0.00564	0.00132	0.0226	0.0162	0.00000532	16.7	0.000015	0.000418	0.000201	0.00102
2073 May	146	0.0668	0.111	0.0032	27.5	0.0358	20.3	0.00128	0.00101	0.00000534	0.00565	0.00136	0.0225	0.0174	0.00000533	17.6	0.0000153	0.00043	0.000224	0.00104
2073 Jun	149	0.0658	0.115	0.00326	28	0.034	21.2	0.00126	0.000976	0.00000517	0.00535	0.00139	0.0228	0.0182	0.00000517	18.3	0.0000152	0.000452	0.000247	0.00104
2073 Jul	158	0.0679	0.123	0.00346	29.3	0.0354	22.5	0.00132	0.00101	0.00000534	0.00546	0.00144	0.0241	0.0184	0.00000535	18.7	0.0000156	0.000473	0.00025	0.00108
2073 Aug	163	0.0699	0.127	0.00356	30.1	0.0366	23.2	0.00136	0.00104	0.00000552	0.00565	0.00148	0.0248	0.019	0.00000552	19.2	0.0000161	0.000487	0.000257	0.00111
2073 Sep	161	0.0699	0.125	0.00353	29.9	0.0366	22.9	0.00135	0.00104	0.0000055	0.00565	0.00148	0.0246	0.0189	0.0000055	19.1	0.000016	0.000483	0.000255	0.00111
2073 Oct	155	0.0696	0.119	0.00339	28.8	0.0361	22	0.00131	0.00101	0.00000537	0.00561	0.00144	0.0238	0.0184	0.00000538	18.7	0.0000156	0.000465	0.000246	0.00108
2073 Nov	153	0.0698	0.118	0.00335	28.5	0.0361	21.7	0.00131	0.00101	0.00000535	0.00562	0.00143	0.0236	0.0184	0.00000535	18.6	0.0000156	0.000461	0.000244	0.00108
2073 Dec	153	0.0699	0.118	0.00335	28.5	0.0361	21.7	0.00131	0.00101	0.00000535	0.00563	0.00143	0.0236	0.0184	0.00000536	18.6	0.0000156	0.000461	0.000244	0.00108
2074 Jan	153	0.0699	0.118	0.00335	28.5	0.0361	21.7	0.00131	0.00101	0.00000535	0.00563	0.00143	0.0236	0.0184	0.00000536	18.6	0.0000156	0.000461	0.000244	0.00108
2074 Feb	153	0.07	0.118	0.00335	28.6	0.0361	21.7	0.00131	0.00101	0.00000535	0.00563	0.00143	0.0236	0.0184	0.00000536	18.6	0.0000156	0.000461	0.000245	0.00108
2074 Mar	153	0.07	0.118	0.00335	28.6	0.0361	21.7	0.00131	0.00101	0.00000536	0.00563	0.00143	0.0236	0.0184	0.00000536	18.6	0.0000156	0.000461	0.000245	0.00108
2074 Apr	154	0.0704	0.118	0.00337	28.7	0.0363	21.9	0.00131	0.00102	0.00000539	0.00567	0.00144	0.0237	0.0185	0.00000539	18.7	0.0000157	0.000464	0.000246	0.00109
2074 May	154	0.0708	0.118	0.00333	29	0.0356	21.9	0.00131	0.00102	0.00000538	0.00566	0.00148	0.0235	0.0199	0.00000539	19.8	0.000016	0.000478	0.000273	0.00111
2074 Jun	158	0.0679	0.126	0.00346	29.4	0.0336	23.5	0.00128	0.000952	0.00000507	0.0051	0.00148	0.0244	0.0195	0.00000509	19.6	0.0000153	0.000504	0.000279	0.00108
2074 Jul	168	0.0713	0.135	0.0037	31.1	0.0354	25.1	0.00135	0.000999	0.00000533	0.00532	0.00156	0.026	0.0202	0.00000535	20.4	0.000016	0.000533	0.000288	0.00114
2074 Aug	177	0.0752	0.143	0.0039	32.7	0.0374	26.4	0.00143	0.00105	0.00000562	0.00561	0.00164	0.0274	0.0213	0.00000565	21.5	0.0000168	0.000562	0.000304	0.0012
2074 Sep	172	0.075	0.138	0.00378	31.9	0.0371	25.6	0.0014	0.00104	0.00000554	0.00561	0.00161	0.0267	0.0209	0.00000556	21.1	0.0000166	0.000547	0.000296	0.00118
2074 Oct	168	0.0749	0.133	0.00368	31.1	0.0368	24.9	0.00138	0.00103	0.00000546	0.0056	0.00158	0.026	0.0206	0.00000548	20.8	0.0000163	0.000533	0.000289	0.00116
2074 Nov	167	0.0749	0.132	0.00366	30.9	0.0368	24.7	0.00137	0.00102	0.00000545	0.0056	0.00157	0.0259	0.0205	0.00000547	20.7	0.0000163	0.000531	0.000288	0.00116
2074 Dec	167	0.0749	0.132	0.00365	30.9	0.0368	24.7	0.00137	0.00102	0.00000545	0.0056	0.00157	0.0259	0.0205	0.00000547	20.7	0.0000163	0.00053	0.000288	0.00116
2075 Jan	167	0.0749	0.132	0.00365	30.9	0.0368	24.7	0.00137	0.00102	0.00000545	0.00561	0.00157	0.0259	0.0205	0.00000547	20.7	0.0000163	0.00053	0.000288	0.00116
2075 Feb	167	0.0749	0.132	0.00365	30.9	0.0368	24.7	0.00137	0.00102	0.00000545	0.00561	0.00157	0.0259	0.0205	0.00000547	20.7	0.0000163	0.00053	0.000288	0.00116
2075 Mar	167	0.075	0.132	0.00366	31	0.0368	24.7	0.00137	0.00103	0.00000545	0.00561	0.00157	0.0259	0.0206	0.00000548	20.7	0.0000163	0.000531	0.000288	0.00116
2075 Apr	168	0.0754	0.133	0.00368	31.1	0.037	24.9	0.00138	0.00103	0.00000548	0.00564	0.00158	0.0261	0.0207	0.0000055	20.8	0.0000164	0.000534	0.00029	0.00116
2075 May	170	0.0764	0.135	0.00372	31.5	0.0375	25.2	0.0014	0.00104	0.00000555	0.00572	0.0016	0.0264	0.021	0.00000558	21.1	0.0000166	0.000541	0.000295	0.00118
2075 Jun	154	0.0656	0.124	0.00348	28.3	0.0348	23.2	0.00133	0.000999	0.0000053	0.00558	0.00147	0.0251	0.0181	0.00000533	18.6	0.0000165	0.000503	0.000247	0.00107
2075 Jul	158	0.0648	0.131	0.00364	28.8	0.0356	24.4	0.00137	0.00102	0.0000054	0.00564	0.00149	0.0264	0.0174	0.00000544	18.2	0.0000169	0.00052	0.000235	0.00108
2075 Aug	162	0.0667	0.134	0.00374	29.6	0.0367	25	0.00142	0.00105	0.00000557	0.00581	0.00153	0.0271	0.0179	0.0000056	18.8	0.0000174	0.000535	0.000242	0.00111
2075 Sep	164	0.0676	0.136	0.00378	29.9	0.0372	25.3	0.00143	0.00106	0.00000564	0.00589	0.00155	0.0274	0.0181	0.00000567	19	0.0000176	0.00054	0.000244	0.00112
2075 Oct	162	0.0676	0.134	0.00374	29.6	0.0371	25	0.00142	0.00105	0.0000056	0.00588	0.00154	0.0271	0.018	0.00000563	18.9	0.0000174	0.000535	0.000242	0.00112
2075 Nov	161	0.068	0.133	0.00372	29.5	0.0372	24.9	0.00142	0.00105	0.0000056	0.00591	0.00153	0.0271	0.018	0.00000564	18.9	0.0000174	0.000533	0.000242	0.00112
2075 Dec	161	0.0682	0.133	0.00372	29.5	0.0372	24.8	0.00142	0.00105	0.0000056	0.00592	0.00153	0.027	0.018	0.00000564	18.9	0.0000174	0.000532	0.000241	0.00112

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	161	0.0682	0.133	0.00371	29.5	0.0372	24.8	0.00142	0.00106	0.0000056	0.00592	0.00153	0.027	0.018	0.00000564	18.9	0.0000174	0.000532	0.000242	0.00112
2076 Feb	161	0.0682	0.133	0.00372	29.5	0.0372	24.8	0.00142	0.00106	0.00000561	0.00592	0.00154	0.027	0.0181	0.00000564	18.9	0.0000175	0.000533	0.000242	0.00112
2076 Mar	161	0.0683	0.133	0.00372	29.6	0.0373	24.9	0.00142	0.00106	0.00000561	0.00593	0.00154	0.0271	0.0181	0.00000564	18.9	0.0000175	0.000533	0.000242	0.00112
2076 Apr	162	0.0685	0.133	0.00373	29.6	0.0374	24.9	0.00143	0.00106	0.00000563	0.00594	0.00154	0.0271	0.0182	0.00000566	19	0.0000175	0.000535	0.000243	0.00112
2076 May	162	0.0693	0.132	0.00371	29.8	0.0374	24.8	0.00143	0.00107	0.00000568	0.00603	0.00157	0.027	0.0189	0.00000571	19.6	0.0000178	0.000539	0.000256	0.00114
2076 Jun	149	0.0638	0.12	0.00338	27.5	0.0341	22.7	0.00133	0.001	0.00000531	0.0057	0.00149	0.0248	0.0187	0.00000534	19	0.0000171	0.00051	0.000258	0.00107
2076 Jul	156	0.0657	0.128	0.00359	28.7	0.0355	24.2	0.00139	0.00103	0.00000547	0.00581	0.00154	0.0263	0.0188	0.00000551	19.3	0.0000175	0.000535	0.000258	0.0011
2076 Aug	164	0.0687	0.134	0.00376	30.1	0.0372	25.4	0.00145	0.00108	0.00000573	0.00608	0.00161	0.0275	0.0197	0.00000577	20.2	0.0000183	0.000559	0.00027	0.00116
2076 Sep	166	0.0699	0.136	0.0038	30.4	0.0378	25.6	0.00147	0.0011	0.00000581	0.00618	0.00163	0.0279	0.0199	0.00000585	20.5	0.0000186	0.000566	0.000273	0.00117
2076 Oct	160	0.0695	0.13	0.00366	29.4	0.0372	24.6	0.00143	0.00107	0.00000568	0.00611	0.00159	0.027	0.0195	0.00000571	19.9	0.0000181	0.000546	0.000264	0.00114
2076 Nov	158	0.0697	0.128	0.00362	29.2	0.0372	24.4	0.00142	0.00107	0.00000565	0.00612	0.00158	0.0267	0.0194	0.00000569	19.9	0.000018	0.000541	0.000262	0.00114
2076 Dec	158	0.0698	0.128	0.00362	29.1	0.0372	24.4	0.00142	0.00107	0.00000566	0.00612	0.00158	0.0267	0.0194	0.00000569	19.9	0.000018	0.000541	0.000262	0.00114
2077 Jan	158	0.0698	0.128	0.00362	29.1	0.0372	24.4	0.00142	0.00107	0.00000566	0.00613	0.00158	0.0267	0.0194	0.00000569	19.9	0.000018	0.000541	0.000262	0.00114
2077 Feb	158	0.0699	0.128	0.00362	29.2	0.0372	24.4	0.00142	0.00107	0.00000566	0.00613	0.00158	0.0267	0.0194	0.00000569	19.9	0.0000181	0.000541	0.000263	0.00114
2077 Mar	158	0.0699	0.128	0.00362	29.2	0.0372	24.4	0.00142	0.00107	0.00000566	0.00613	0.00158	0.0267	0.0194	0.0000057	19.9	0.0000181	0.000541	0.000263	0.00114
2077 Apr	159	0.0702	0.129	0.00363	29.3	0.0374	24.4	0.00143	0.00107	0.00000568	0.00615	0.00159	0.0268	0.0195	0.00000572	20	0.0000181	0.000543	0.000264	0.00115
2077 May	158	0.0706	0.127	0.00359	29.3	0.0372	24.2	0.00143	0.00108	0.0000057	0.0062	0.00161	0.0265	0.0203	0.00000573	20.5	0.0000183	0.000545	0.000276	0.00116
2077 Jun	150	0.0669	0.121	0.00338	28	0.0343	23.2	0.00135	0.00101	0.00000533	0.00575	0.00156	0.0251	0.0205	0.00000537	20.4	0.0000174	0.000535	0.000288	0.00111
2077 Jul	156	0.0695	0.126	0.00352	29.2	0.0358	24.2	0.00141	0.00105	0.00000557	0.00602	0.00163	0.0262	0.0213	0.00000561	21.2	0.0000182	0.000558	0.000299	0.00116
2077 Aug	163	0.0726	0.131	0.00368	30.4	0.0375	25.2	0.00147	0.0011	0.00000582	0.00629	0.0017	0.0274	0.0223	0.00000587	22.2	0.000019	0.000582	0.000312	0.00121
2077 Sep	154	0.0712	0.123	0.00348	28.9	0.0366	23.8	0.00141	0.00107	0.00000562	0.00615	0.00163	0.026	0.0214	0.00000567	21.3	0.0000182	0.000552	0.000297	0.00117
2077 Oct	151	0.0716	0.12	0.00341	28.5	0.0366	23.3	0.0014	0.00106	0.00000559	0.00617	0.00162	0.0256	0.0212	0.00000563	21.1	0.000018	0.000542	0.000292	0.00116
2077 Nov	151	0.072	0.12	0.00341	28.5	0.0367	23.3	0.0014	0.00106	0.0000056	0.0062	0.00162	0.0256	0.0213	0.00000564	21.1	0.0000181	0.000542	0.000292	0.00116
2077 Dec	151	0.0721	0.12	0.00341	28.5	0.0368	23.3	0.0014	0.00106	0.0000056	0.0062	0.00162	0.0256	0.0213	0.00000564	21.1	0.0000181	0.000542	0.000292	0.00116
2078 Jan	151	0.0721	0.12	0.00341	28.5	0.0368	23.3	0.0014	0.00106	0.0000056	0.00621	0.00162	0.0256	0.0213	0.00000564	21.1	0.0000181	0.000542	0.000292	0.00116
2078 Feb	151	0.0722	0.12	0.00341	28.5	0.0368	23.3	0.0014	0.00106	0.0000056	0.00621	0.00162	0.0256	0.0213	0.00000564	21.1	0.0000181	0.000542	0.000292	0.00116
2078 Mar	151	0.0722	0.12	0.00341	28.5	0.0368	23.3	0.0014	0.00106	0.0000056	0.00621	0.00162	0.0256	0.0213	0.00000564	21.1	0.0000181	0.000542	0.000292	0.00116
2078 Apr	152	0.0727	0.12	0.00343	28.7	0.037	23.4	0.00141	0.00107	0.00000564	0.00625	0.00163	0.0258	0.0214	0.00000568	21.3	0.0000182	0.000546	0.000294	0.00117
2078 May	150	0.0723	0.119	0.00336	28.6	0.036	23.2	0.00139	0.00106	0.00000556	0.00615	0.00165	0.0254	0.0224	0.0000056	22	0.0000182	0.000552	0.000315	0.00117
2078 Jun	156	0.0698	0.129	0.00354	29	0.0349	25.1	0.00136	0.000989	0.00000525	0.00555	0.00163	0.0266	0.0211	0.00000531	21.2	0.000017	0.000573	0.000302	0.00114
2078 Jul	165	0.0734	0.137	0.00375	30.6	0.0368	26.6	0.00144	0.00104	0.00000553	0.00583	0.00171	0.0281	0.022	0.00000559	22.2	0.0000178	0.000604	0.000316	0.0012
2078 Aug	169	0.075	0.139	0.00383	31.2	0.0378	27.1	0.00147	0.00107	0.00000567	0.00598	0.00175	0.0288	0.0226	0.00000573	22.7	0.0000182	0.000617	0.000323	0.00123
2078 Sep	170	0.0758	0.14	0.00385	31.5	0.0383	27.3	0.00148	0.00108	0.00000573	0.00605	0.00177	0.029	0.0228	0.00000579	22.9	0.0000184	0.000621	0.000325	0.00124
2078 Oct	167	0.0756	0.137	0.00378	30.9	0.038	26.7	0.00146	0.00107	0.00000567	0.00603	0.00174	0.0285	0.0225	0.00000573	22.6	0.0000181	0.00061	0.00032	0.00123
2078 Nov	166	0.0759	0.136	0.00376	30.8	0.0381	26.5	0.00146	0.00107	0.00000566	0.00604	0.00174	0.0283	0.0225	0.00000572	22.6	0.0000181	0.000607	0.000318	0.00122
2078 Dec	166	0.076	0.136	0.00376	30.8	0.0381	26.5	0.00146	0.00107	0.00000566	0.00605	0.00174	0.0283	0.0225	0.00000572	22.6	0.0000181	0.000607	0.000318	0.00122
2079 Jan	166	0.076	0.136	0.00375	30.8	0.0381	26.5	0.00146	0.00107	0.00000566	0.00605	0.00174	0.0283	0.0225	0.00000572	22.6	0.0000181	0.000607	0.000318	0.00122
2079 Feb	166	0.076	0.136	0.00375	30.8	0.0381	26.5	0.00146	0.00107	0.00000566	0.00605	0.00174	0.0283	0.0225	0.00000572	22.6	0.0000181	0.000607	0.000318	0.00122
2079 Mar	166	0.076	0.136	0.00376	30.8	0.0381	26.5	0.00146	0.00107	0.00000566	0.00605	0.00174	0.0283	0.0225	0.00000572	22.6	0.0000181	0.000607	0.000319	0.00122
2079 Apr	166	0.0763	0.136	0.00377	30.9	0.0383	26.6	0.00147	0.00107	0.00000569	0.00608	0.00175	0.0284	0.0226	0.00000574	22.7	0.0000182	0.000609	0.00032	0.00123
2079 May	169	0.0775	0.138	0.00382	31.4	0.0388	27	0.00149	0.00109	0.00000577	0.00617	0.00177	0.0289	0.023	0.00000583	23	0.0000185	0.000619	0.000325	0.00125
2079 Jun	149	0.0654	0.124	0.00347	27.5	0.035	24.3	0.00138	0.00101	0.00000535	0.00582	0.00159	0.0266	0.0197	0.00000541	20.1	0.0000177	0.000562	0.000275	0.00111
2079 Jul	154	0.0654	0.131	0.00363	28.1	0.0359	25.6	0.00141	0.00102	0.0000054	0.00581	0.00161	0.0278	0.0191	0.00000547	19.8	0.0000178	0.00058	0.000265	0.00112
2079 Aug	160	0.0677	0.135	0.00376	29.1	0.0373	26.5	0.00146	0.00106	0.00000561	0.00604	0.00167	0.0289	0.0198	0.00000568	20.5	0.0000184	0.0006	0.000274	0.00116
2079 Sep	155	0.0678	0.131	0.00366	28.4	0.0371	25.7	0.00144	0.00104	0.00000554	0.00602	0.00164	0.0282	0.0195	0.0000056	20.2	0.0000181	0.000585	0.000268	0.00114
2079 Oct	152	0.0677	0.127	0.00358	27.8	0.0368	25.1	0.00142	0.00103	0.00000547	0.00599	0.00161	0.0276	0.0193	0.00000553	19.9	0.0000179	0.000572	0.000263	0.00113
2079 Nov	150	0.068	0.125	0.00353	27.6	0.0368	24.8	0.0014	0.00103	0.00000544	0.00599	0.0016	0.0273	0.0192	0.0000055	19.8	0.0000178	0.000566	0.00026	0.00112
2079 Dec	149	0.0684	0.125	0.00351	27.4	0.0368	24.6	0.0014	0.00102	0.00000542	0.00599	0.00159	0.0272	0.0191	0.00000548	19.7	0.0000177	0.000562	0.000257	0.00112
2080 Jan	149	0.0684	0.125	0.00351	27.4	0.0368	24.6	0.0014	0.00102	0.00000542	0.00599	0.00159	0.0272	0.0191	0.00000548	19.7	0.0000177	0.000562	0.000257	0.00112
2080 Feb	149	0.0685	0.125	0.00351	27.4	0.0368	24.6	0.0014	0.00102	0.00000542	0.00599	0.0016	0.0272	0.0191	0.00000548	19.7	0.0000177	0.000562	0.000258	0.00112
2080 Mar	149	0.0685	0.125	0.00351	27.4	0.0368	24.6	0.0014	0.00102	0.00000542	0.00599	0.0016	0.0272	0.0191	0.00000548	19.7	0.0000177	0.000563	0.000258	0.00112
2080 Apr	150	0.0687	0.125	0.00352	27.5	0.0369	24.7	0.0014	0.00103	0.00000544	0.00601	0.0016	0.0272	0.0192	0.0000055	19.8	0.0000177	0.000564	0.000259	0.00112
2080 May	152	0.0698	0.127	0.00358	28	0.0375	25.1	0.00143	0.00104	0.00000553	0.00611	0.00163	0.0277	0.0195	0.00000559	20.1	0.000018	0.000573	0.000263	0.00114
2080 Jun	148	0.0647	0.126	0.00355	26.8	0.0364	24.8	0.0014	0.00102	0.00000538	0.00594	0.00156	0.0276	0.0178	0.00000545	18.7	0.0000178	0.000563	0.000238	0.00109
2080 Jul	152	0.0638	0.132	0.00369	27.2	0.0369	25.9	0.00143	0.00102	0.00000542	0.0059	0.00158	0.0287	0.0171	0.00000549	18.4	0.0000178	0.000578	0.000228	0.00109
2080 Aug	155	0.0649	0.134	0.00375	27.7	0.0379	26.3	0.00146	0.00104	0.00000555	0.00604	0.00161	0.0292	0.0175	0.00000562	18.8	0.0000181	0.000587	0.000232	0.00112
2080 Sep	152	0.0648	0.131	0.00369	27.3	0.0379	25.8	0.00144	0.00104	0.00000551	0.00603	0.0016	0.0288	0.0174	0.00000559	18.7	0.0000179	0.000578	0.000229	0.00111
2080 Oct	150	0.065	0.129	0.00364	26.9	0.0377	25.4	0.00143	0.00103	0.00000548	0.00603	0.00158	0.0284	0.0173	0.00000555	18.5	0.0000177	0.00057	0.000226	0.0011
2080 Nov	149	0.065	0.127	0.0036	26.7	0.0376	25.2	0.00142	0.00103	0.00000544	0.006	0.00157	0.0282	0.0172	0.00000551	18.4	0.0000176	0.000566	0.000224	0.00109
2080 Dec	149	0.0651	0.127	0.0036	26.7	0.0376	25.2	0.00142	0.00103	0.00000544	0.00601	0.00157	0.0282	0.0172	0.00000551	18.4	0.0000176	0.000565	0.000224	0.00109
2081 Jan	149	0.0652	0.127	0.0036	26.7	0.0376	25.2	0.00142	0.00103	0.00000544	0.00601	0.00157	0.0282	0.0172	0.00000551	18.4	0.0000176	0.000565	0.000224	0.00109
2081 Feb	149	0.0652	0.127	0.0036	26.7	0.0376	25.2	0.00142	0.00103	0.00000544	0.00601	0.00157	0.0282	0.0172	0.00000551	18.4	0.0000176	0.000565	0.000224	0.00109
2081 Mar	149	0.0652	0.127	0.0036	26.8	0.0376	25.2	0.00142	0.00103	0.00000544	0.00601	0.00157	0.0282	0.0173	0.00000551	18.4	0.0000176	0.000566	0.000225	0.00109
2081 Apr	149	0.0655	0.128	0.00362	26.9	0.0378	25.3	0.00143	0.00103	0.00000546	0.00603	0.00158	0.0283	0.0173	0.00000554	18.5	0.0000177	0.000568	0.000226	0.0011
2081 May	149	0.0664	0.126	0.00358	27.1	0.0374	25.2	0.00142	0.00103	0.00000547	0.00605	0.00161	0.028	0.0185	0.00000554	19.4	0.0000179	0.000576	0.000247	0.00112
2081 Jun	154	0.0659	0.133	0.00368	27.6	0.0367	26.5	0.00142	0.000999	0.00000531	0.00573	0.00163	0.0289	0.0185	0.00000539	19.5	0.0000174	0.000598	0.000254	0.00111
2081 Jul	164	0.0697	0.142	0.00393	29.3	0.0389	28.3	0.0015	0.00106	0.00000563	0.00605	0.00172	0.0308	0.0194	0.00000571	20.6	0.0000184	0.000637	0.000266	0.00118
2081 Aug	173	0.0736	0.15	0.00415	30.9	0.0411	29.9	0.00159	0.00111	0.00000594	0.00638	0.00182	0.0325	0.0205	0.00000603	21.7	0.0000194	0.000672	0.000281	0.00125
2081 Sep	172	0.074	0.148	0.00412	30.8	0.0412	29.6	0.00158	0.00112	0.00000594	0.00641	0.00182	0.0324	0.0205	0.00000603	21.7	0.0000194	0.000668	0.00028	0.00124
2081 Oct	171	0.0741	0.147	0.0041	30.7	0.0412	29.5	0.00158	0.00111	0.00000593	0.00642	0.00181	0.0322	0.0205	0.00000602	21.7	0.0000193	0.000665	0.000279	0.00124
2081 Nov	168	0.0738	0.144	0.00402	30.1	0.0408	28.9	0.00155	0.0011	0.00000585	0.00638	0.00178	0.0316	0.0202	0.00000594	21.3	0.0000191	0.000652	0.000274	0.00123
2081 Dec	167	0.0739	0.143	0.004	30	0.0408	28.7	0.00155	0.0011	0.00000584	0.00638	0.00178	0.0315	0.0202	0.00000593	21.3	0.000019	0.000649	0.000273	0.00122
2082 Jan	167	0.074	0.143	0.004	30	0.0408	28.7	0.00155	0.0011	0.00000584	0.00638	0.00178	0.0315	0.0202	0.00000593	21.3	0.000019	0.000649	0.000273	0.00122
2082 Feb	167	0.074	0.143	0.004	30	0.0408	28.7	0.00155	0.0011	0.00000584	0.00638	0.00178	0.0314	0.0202	0.00000593	21.3	0.000019	0.000649	0.000274	0.00122
2082 Mar	167	0.074	0.143	0.004	30	0.0408	28.7	0.00155	0.0011	0.00000585	0.00639	0.00178	0.0315	0.0202	0.00000593	21.3	0.000019	0.000649	0.000274	0.00122
2082 Apr	168	0.0743	0.144	0.00401	30.1	0.0409	28.8	0.00155	0.0011	0.00000586	0.00641	0.00178	0.0316	0.0203	0.00000595	21.4	0.0000191	0.000651	0.000275	0.00123
2082 May	170	0.0754	0.146	0.00407	30.6	0.0415	29.2	0.00158	0.00112	0.00000595	0.0065	0.00181	0.032	0.0206	0.00000604	21.7	0.0000194	0.000661	0.000279	0.00125

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	151	0.0637	0.13	0.00369	26.8	0.0376	26.2	0.00146	0.00105	0.00000554	0.00618	0.00163	0.0294	0.0177	0.00000563	19	0.0000187	0.0006	0.000234	0.00111
2082 Jul	153	0.0612	0.137	0.00383	26.8	0.0375	27.5	0.00147	0.00102	0.00000545	0.00596	0.00162	0.0307	0.0162	0.00000554	18.1	0.0000184	0.000617	0.000213	0.00109
2082 Aug	158	0.0634	0.142	0.00397	27.8	0.039	28.5	0.00153	0.00106	0.00000565	0.00619	0.00168	0.0318	0.0169	0.00000575	18.7	0.000019	0.000639	0.000221	0.00113
2082 Sep	159	0.0643	0.142	0.00399	28	0.0394	28.7	0.00154	0.00107	0.00000571	0.00626	0.00169	0.032	0.017	0.00000581	18.9	0.0000192	0.000643	0.000223	0.00114
2082 Oct	151	0.0644	0.133	0.00376	26.6	0.0386	26.9	0.00148	0.00104	0.00000552	0.00618	0.00162	0.0303	0.0166	0.00000562	18.3	0.0000185	0.000607	0.000213	0.0011
2082 Nov	150	0.065	0.132	0.00374	26.5	0.0387	26.8	0.00147	0.00104	0.00000553	0.00621	0.00162	0.0302	0.0166	0.00000562	18.3	0.0000185	0.000604	0.000213	0.0011
2082 Dec	150	0.0651	0.132	0.00374	26.5	0.0387	26.8	0.00147	0.00104	0.00000553	0.00622	0.00162	0.0302	0.0166	0.00000562	18.3	0.0000185	0.000604	0.000213	0.00111
2083 Jan	150	0.0651	0.132	0.00374	26.5	0.0387	26.8	0.00147	0.00104	0.00000553	0.00622	0.00162	0.0302	0.0166	0.00000562	18.3	0.0000185	0.000604	0.000213	0.00111
2083 Feb	150	0.0652	0.132	0.00374	26.6	0.0388	26.8	0.00148	0.00104	0.00000553	0.00622	0.00162	0.0302	0.0166	0.00000563	18.3	0.0000185	0.000604	0.000213	0.00111
2083 Mar	150	0.0652	0.132	0.00374	26.6	0.0388	26.8	0.00148	0.00104	0.00000554	0.00623	0.00162	0.0302	0.0167	0.00000563	18.3	0.0000185	0.000605	0.000213	0.00111
2083 Apr	151	0.0655	0.133	0.00376	26.7	0.0389	26.9	0.00148	0.00105	0.00000556	0.00626	0.00163	0.0304	0.0167	0.00000565	18.4	0.0000186	0.000608	0.000214	0.00111
2083 May	150	0.0664	0.13	0.0037	26.8	0.0386	26.5	0.00148	0.00105	0.00000559	0.00632	0.00166	0.0299	0.0179	0.00000568	19.2	0.0000188	0.000609	0.000235	0.00113
2083 Jun	150	0.0645	0.132	0.00368	26.8	0.0365	27.1	0.00143	0.000988	0.00000526	0.00578	0.00166	0.0298	0.0183	0.00000535	19.5	0.0000178	0.000625	0.000251	0.00111
2083 Jul	158	0.0663	0.141	0.0039	27.9	0.0381	28.9	0.00149	0.00102	0.00000542	0.00588	0.00172	0.0316	0.0184	0.00000552	19.9	0.0000182	0.000656	0.000252	0.00115
2083 Aug	158	0.0663	0.14	0.00391	28	0.039	28.8	0.00151	0.00104	0.00000553	0.00599	0.00174	0.0316	0.0186	0.00000563	20.1	0.0000183	0.000656	0.000253	0.00116
2083 Sep	155	0.0666	0.137	0.00383	27.5	0.0388	28.2	0.00149	0.00103	0.00000548	0.00599	0.00171	0.031	0.0185	0.00000558	19.9	0.0000181	0.000643	0.000249	0.00115
2083 Oct	151	0.067	0.134	0.00376	26.9	0.0386	27.9	0.00146	0.001	0.00000533	0.00585	0.00167	0.0307	0.0177	0.00000543	19.2	0.0000174	0.000631	0.000237	0.00113
2083 Nov	152	0.0674	0.135	0.00378	27	0.0387	28.1	0.00145	0.000994	0.0000053	0.00581	0.00167	0.0309	0.0175	0.0000054	19.1	0.0000173	0.000634	0.000233	0.00112
2083 Dec	152	0.0675	0.135	0.00378	27	0.0388	28.1	0.00145	0.000994	0.0000053	0.00581	0.00167	0.0309	0.0175	0.00000541	19.1	0.0000173	0.000634	0.000233	0.00112
2084 Jan	152	0.0675	0.135	0.00378	27	0.0388	28.1	0.00145	0.000994	0.0000053	0.00581	0.00167	0.0309	0.0175	0.00000541	19.1	0.0000173	0.000634	0.000233	0.00112
2084 Feb	152	0.0675	0.135	0.00378	27	0.0388	28.1	0.00146	0.000994	0.0000053	0.00581	0.00167	0.0309	0.0175	0.00000541	19.1	0.0000173	0.000634	0.000233	0.00112
2084 Mar	152	0.0676	0.135	0.00378	27	0.0388	28.1	0.00146	0.000995	0.00000531	0.00582	0.00167	0.0309	0.0175	0.00000541	19.2	0.0000173	0.000634	0.000233	0.00113
2084 Apr	153	0.068	0.136	0.0038	27.2	0.039	28.3	0.00147	0.001	0.00000534	0.00585	0.00168	0.0311	0.0176	0.00000545	19.3	0.0000174	0.000638	0.000235	0.00113
2084 May	153	0.0689	0.135	0.00376	27.4	0.0387	28.1	0.00147	0.00101	0.00000537	0.00591	0.00172	0.0308	0.0189	0.00000547	20.2	0.0000177	0.000645	0.000257	0.00115
2084 Jun	158	0.0676	0.142	0.00388	27.8	0.0374	29.6	0.00144	0.000955	0.00000512	0.00546	0.00173	0.0318	0.0188	0.00000524	20.3	0.0000171	0.000673	0.000266	0.00114
2084 Jul	167	0.0702	0.15	0.00409	29.1	0.0391	31.3	0.00151	0.000993	0.00000533	0.00566	0.00181	0.0335	0.0193	0.00000546	21	0.0000177	0.000707	0.000273	0.00119
2084 Aug	172	0.0725	0.154	0.00422	30	0.0405	32.3	0.00156	0.00103	0.00000551	0.00585	0.00187	0.0346	0.02	0.00000564	21.7	0.0000183	0.000729	0.000282	0.00123
2084 Sep	170	0.0724	0.152	0.00417	29.7	0.0404	31.9	0.00155	0.00102	0.00000549	0.00584	0.00186	0.0342	0.0199	0.00000562	21.6	0.0000181	0.000722	0.000279	0.00122
2084 Oct	165	0.0721	0.147	0.00404	28.9	0.0399	30.9	0.00152	0.00101	0.0000054	0.00581	0.00181	0.0333	0.0195	0.00000552	21.1	0.0000178	0.0007	0.000272	0.0012
2084 Nov	163	0.0723	0.145	0.00399	28.6	0.0398	30.4	0.0015	0.001	0.00000537	0.00582	0.0018	0.0329	0.0194	0.00000549	21	0.0000177	0.000691	0.000269	0.00119
2084 Dec	163	0.0724	0.145	0.00399	28.6	0.0398	30.4	0.0015	0.001	0.00000537	0.00582	0.0018	0.0329	0.0194	0.00000549	21	0.0000177	0.000691	0.000269	0.00119
2085 Jan	163	0.0724	0.145	0.00399	28.6	0.0398	30.4	0.0015	0.001	0.00000537	0.00582	0.0018	0.0328	0.0194	0.00000549	21	0.0000177	0.000691	0.000269	0.00119
2085 Feb	163	0.0724	0.145	0.00399	28.6	0.0398	30.4	0.0015	0.001	0.00000537	0.00582	0.0018	0.0328	0.0194	0.00000549	21	0.0000177	0.000691	0.000269	0.00119
2085 Mar	163	0.0724	0.145	0.00399	28.7	0.0398	30.4	0.0015	0.001	0.00000537	0.00583	0.0018	0.0329	0.0195	0.00000549	21	0.0000177	0.000691	0.00027	0.00119
2085 Apr	164	0.0727	0.145	0.004	28.7	0.0399	30.5	0.00151	0.00101	0.00000539	0.00585	0.0018	0.033	0.0195	0.00000551	21.1	0.0000178	0.000694	0.000271	0.0012
2085 May	163	0.073	0.142	0.00394	28.7	0.0396	30.1	0.0015	0.00101	0.00000541	0.0059	0.00182	0.0324	0.0204	0.00000553	21.7	0.000018	0.000692	0.000285	0.00121
2085 Jun	161	0.0722	0.142	0.0039	28.7	0.0388	30.1	0.00149	0.000999	0.00000534	0.00579	0.00183	0.0323	0.0208	0.00000546	22	0.0000179	0.000699	0.000296	0.00121
2085 Jul	168	0.0752	0.148	0.00407	29.9	0.0405	31.4	0.00156	0.00104	0.00000558	0.00605	0.00191	0.0337	0.0217	0.0000057	22.9	0.0000187	0.000729	0.000308	0.00126
2085 Aug	169	0.0757	0.148	0.00409	30.1	0.041	31.5	0.00157	0.00106	0.00000564	0.00611	0.00192	0.0339	0.0219	0.00000576	23.1	0.0000188	0.000732	0.00031	0.00127
2085 Sep	163	0.0752	0.142	0.00394	29.1	0.0405	30.3	0.00153	0.00104	0.00000553	0.00607	0.00187	0.0328	0.0215	0.00000565	22.6	0.0000183	0.000707	0.0003	0.00124
2085 Oct	160	0.0749	0.141	0.00391	28.7	0.0403	30.1	0.00151	0.00102	0.00000544	0.00598	0.00184	0.0326	0.0208	0.00000556	22	0.0000179	0.000699	0.00029	0.00122
2085 Nov	160	0.0751	0.142	0.00392	28.6	0.0404	30.3	0.00151	0.00101	0.00000539	0.00592	0.00183	0.0328	0.0203	0.00000552	21.7	0.0000177	0.0007	0.000282	0.00121
2085 Dec	160	0.0752	0.141	0.00392	28.6	0.0405	30.3	0.00151	0.00101	0.0000054	0.00593	0.00183	0.0328	0.0203	0.00000552	21.7	0.0000177	0.000699	0.000281	0.00121
2086 Jan	160	0.0752	0.141	0.00392	28.6	0.0405	30.3	0.00151	0.00101	0.0000054	0.00593	0.00183	0.0328	0.0203	0.00000552	21.7	0.0000177	0.000699	0.000281	0.00121
2086 Feb	160	0.0752	0.141	0.00392	28.6	0.0405	30.3	0.00151	0.00101	0.0000054	0.00593	0.00183	0.0328	0.0203	0.00000552	21.7	0.0000177	0.0007	0.000282	0.00121
2086 Mar	160	0.0752	0.142	0.00392	28.6	0.0405	30.3	0.00151	0.00101	0.0000054	0.00593	0.00183	0.0328	0.0204	0.00000552	21.7	0.0000177	0.0007	0.000282	0.00121
2086 Apr	161	0.0756	0.142	0.00394	28.7	0.0407	30.4	0.00152	0.00102	0.00000542	0.00596	0.00184	0.033	0.0205	0.00000555	21.9	0.0000178	0.000703	0.000283	0.00122
2086 May	163	0.0766	0.143	0.00397	29.1	0.041	30.6	0.00153	0.00103	0.0000055	0.00605	0.00187	0.0332	0.021	0.00000562	22.3	0.0000181	0.00071	0.000291	0.00124
2086 Jun	160	0.0697	0.143	0.00394	27.9	0.0388	30.8	0.00149	0.000976	0.00000523	0.00569	0.00181	0.0333	0.0195	0.00000537	21.1	0.0000177	0.000711	0.000274	0.00118
2086 Jul	171	0.0716	0.156	0.00427	29.3	0.0409	33.5	0.00158	0.00101	0.00000544	0.00584	0.0019	0.0361	0.0193	0.00000559	21.5	0.0000184	0.000761	0.000271	0.00122
2086 Aug	173	0.0727	0.157	0.00433	29.8	0.042	33.9	0.00161	0.00104	0.00000558	0.00599	0.00193	0.0366	0.0197	0.00000573	21.9	0.0000187	0.00077	0.000275	0.00125
2086 Sep	169	0.0719	0.152	0.00421	29	0.0418	32.8	0.00158	0.00103	0.00000552	0.00595	0.0019	0.0356	0.0195	0.00000567	21.5	0.0000182	0.000749	0.000269	0.00123
2086 Oct	167	0.0721	0.151	0.00418	28.9	0.0417	32.6	0.00158	0.00103	0.00000551	0.00596	0.00189	0.0354	0.0194	0.00000565	21.5	0.0000182	0.000744	0.000267	0.00122
2086 Nov	168	0.0723	0.151	0.00418	28.9	0.0418	32.6	0.00158	0.00103	0.00000552	0.00598	0.00189	0.0355	0.0195	0.00000567	21.5	0.0000182	0.000745	0.000268	0.00123
2086 Dec	168	0.0724	0.151	0.00418	28.9	0.0419	32.6	0.00158	0.00103	0.00000553	0.00599	0.00189	0.0355	0.0195	0.00000567	21.5	0.0000182	0.000746	0.000268	0.00123
2087 Jan	168	0.0724	0.151	0.00418	28.9	0.0419	32.6	0.00158	0.00103	0.00000553	0.00599	0.00189	0.0355	0.0195	0.00000567	21.5	0.0000182	0.000746	0.000268	0.00123
2087 Feb	168	0.0724	0.151	0.00418	29	0.0419	32.6	0.00158	0.00103	0.00000553	0.00599	0.00189	0.0355	0.0195	0.00000567	21.5	0.0000182	0.000746	0.000268	0.00123
2087 Mar	168	0.0725	0.151	0.00419	29	0.0419	32.6	0.00158	0.00103	0.00000553	0.00599	0.0019	0.0355	0.0195	0.00000568	21.6	0.0000183	0.000746	0.000268	0.00123
2087 Apr	168	0.0727	0.151	0.0042	29.1	0.042	32.7	0.00159	0.00103	0.00000555	0.00601	0.0019	0.0356	0.0196	0.00000569	21.6	0.0000183	0.000748	0.000269	0.00123
2087 May	167	0.0729	0.149	0.00414	29	0.0416	32.3	0.00158	0.00104	0.00000555	0.00604	0.00191	0.0351	0.0203	0.00000569	22.1	0.0000184	0.000747	0.000282	0.00124
2087 Jun	161	0.0714	0.144	0.00398	28.6	0.0395	31.7	0.00154	0.001	0.00000536	0.0058	0.00191	0.0342	0.0213	0.0000055	22.7	0.0000182	0.000748	0.000306	0.00123
2087 Jul	166	0.0734	0.149	0.0041	29.5	0.0408	32.7	0.00158	0.00103	0.00000553	0.00599	0.00197	0.0352	0.022	0.00000568	23.4	0.0000188	0.000771	0.000314	0.00127
2087 Aug	173	0.0763	0.154	0.00427	30.6	0.0425	33.9	0.00165	0.00108	0.00000576	0.00624	0.00205	0.0366	0.0229	0.00000592	24.3	0.0000195	0.000801	0.000327	0.00132
2087 Sep	175	0.0777	0.157	0.00433	31.1	0.0433	34.4	0.00167	0.00109	0.00000586	0.00635	0.00209	0.0372	0.0232	0.00000601	24.7	0.0000198	0.000813	0.000331	0.00134
2087 Oct	173	0.0775	0.155	0.00428	30.8	0.043	34	0.00166	0.00109	0.00000582	0.00633	0.00207	0.0368	0.0231	0.00000597	24.5	0.0000197	0.000804	0.000328	0.00133
2087 Nov	172	0.0775	0.153	0.00425	30.6	0.0429	33.8	0.00165	0.00109	0.0000058	0.00633	0.00206	0.0365	0.023	0.00000595	24.4	0.0000196	0.000799	0.000326	0.00132
2087 Dec	172	0.0776	0.153	0.00425	30.6	0.043	33.8	0.00165	0.00109	0.0000058	0.00633	0.00206	0.0365	0.023	0.00000595	24.4	0.0000196	0.000799	0.000326	0.00133
2088 Jan	172	0.0776	0.153	0.00425	30.6	0.043	33.8	0.00165	0.00109	0.0000058	0.00633	0.00206	0.0365	0.023	0.00000595	24.4	0.0000196	0.000799	0.000326	0.00133
2088 Feb	172	0.0776	0.153	0.00425	30.6	0.043	33.8	0.00165	0.00109	0.0000058	0.00633	0.00206	0.0365	0.023	0.00000595	24.4	0.0000196	0.000799	0.000327	0.00133
2088 Mar	172	0.0777	0.154	0.00425	30.6	0.043	33.8	0.00165	0.00109	0.00000581	0.00634	0.00206	0.0366	0.023	0.00000596	24.4	0.0000196	0.0008	0.000327	0.00133
2088 Apr	174	0.0784	0.155	0.00429	30.9	0.0434	34.1	0.00167	0.0011	0.00000586	0.0064	0.00208	0.0369	0.0232	0.00000602	24.7	0.0000198	0.000807	0.00033	0.00134
2088 May	178	0.08	0.158	0.00438	31.5	0.0443	34.8	0.0017	0.00112	0.00000598	0.00652	0.00212	0.0376	0.0237	0.00000614	25.2	0.0000202	0.000823	0.000337	0.00137
2088 Jun	159	0.0708	0.138	0.00392	28.1	0.0407	30.5	0.00159	0.00108	0.00000576	0.0065	0.00194	0.0339	0.0219	0.00000589	23	0.0000201	0.000739	0.000304	0.00126
2088 Jul	161	0.0718	0.14	0.00399	28.6	0.0418	30.8	0.00164	0.00113	0.00000597	0.0068	0.00199	0.0345	0.0225	0.00000611	23.5	0.000021	0.000752	0.00031	0.00129
2088 Aug	171	0.0762	0.148	0.00424	30.3	0.0444	32.7	0.00174	0.0012	0.00000634	0.00722	0.00211	0.0366	0.0238	0.00000649	25	0.0000222	0.000798	0.00033	0.00137
2088 Sep	173	0.0774	0.15	0.0043	30.7	0.045	33.2	0.00177	0.00121	0.00000643	0.00733	0.00214	0.0371	0.0242	0.00000658	25.3	0.0000226	0.000809	0.000334	0.00139
2088 Oct	164	0.0762	0.141	0.00406	29.3	0.0437	31.3	0.00169	0.00117	0.00000619	0.00715	0.00204	0.0352	0.0232	0.00000633	24.3	0.0000216	0.000766	0.000318	0.00133

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	162	0.0764	0.139	0.004	28.9	0.0435	30.8	0.00167	0.00116	0.00000615	0.00714	0.00202	0.0347	0.0231	0.00000629	24.1	0.0000215	0.000754	0.000314	0.00132
2088 Dec	162	0.0765	0.139	0.004	28.9	0.0436	30.8	0.00167	0.00116	0.00000615	0.00715	0.00202	0.0347	0.0231	0.00000629	24.1	0.0000215	0.000754	0.000314	0.00132
2089 Jan	162	0.0765	0.139	0.004	28.9	0.0436	30.8	0.00167	0.00116	0.00000615	0.00715	0.00202	0.0347	0.0231	0.00000629	24.1	0.0000215	0.000754	0.000314	0.00132
2089 Feb	162	0.0766	0.139	0.004	28.9	0.0436	30.8	0.00167	0.00116	0.00000616	0.00715	0.00202	0.0347	0.0231	0.00000629	24.1	0.0000215	0.000754	0.000314	0.00132
2089 Mar	162	0.0767	0.139	0.004	28.9	0.0436	30.8	0.00167	0.00117	0.00000616	0.00716	0.00203	0.0348	0.0231	0.0000063	24.1	0.0000215	0.000755	0.000314	0.00132
2089 Apr	163	0.0771	0.14	0.00403	29.1	0.0439	31	0.00168	0.00117	0.0000062	0.0072	0.00204	0.035	0.0233	0.00000634	24.3	0.0000216	0.000759	0.000316	0.00133
2089 May	161	0.0773	0.136	0.00393	29	0.0432	30.3	0.00167	0.00117	0.00000619	0.00722	0.00204	0.0341	0.0242	0.00000632	24.8	0.0000218	0.000753	0.000333	0.00134
2089 Jun	154	0.0757	0.127	0.00369	28.3	0.0407	28.6	0.0016	0.00113	0.00000597	0.00699	0.00202	0.0321	0.0254	0.0000061	25.3	0.0000213	0.000731	0.000357	0.00132
2089 Jul	159	0.0778	0.131	0.0038	29.1	0.0422	29.4	0.00165	0.00118	0.00000619	0.00723	0.00208	0.033	0.0262	0.00000632	26.1	0.000022	0.000752	0.000368	0.00136
2089 Aug	163	0.0795	0.133	0.00389	29.8	0.0437	30	0.0017	0.00122	0.0000064	0.00746	0.00214	0.0338	0.027	0.00000653	26.9	0.0000225	0.000769	0.000377	0.0014
2089 Sep	163	0.0802	0.133	0.00388	29.8	0.044	30	0.0017	0.00122	0.00000643	0.00751	0.00214	0.0338	0.027	0.00000656	26.9	0.0000225	0.000767	0.000376	0.00141
2089 Oct	153	0.0793	0.123	0.00364	28.2	0.0427	28	0.00162	0.00118	0.00000617	0.00733	0.00203	0.0318	0.0258	0.00000629	25.6	0.0000215	0.00072	0.000354	0.00135
2089 Nov	152	0.0796	0.122	0.00362	28	0.0428	27.8	0.00162	0.00117	0.00000616	0.00735	0.00203	0.0316	0.0257	0.00000628	25.5	0.0000215	0.000715	0.000352	0.00134
2089 Dec	152	0.0797	0.122	0.00362	28	0.0428	27.8	0.00162	0.00118	0.00000617	0.00735	0.00203	0.0316	0.0257	0.00000629	25.5	0.0000215	0.000715	0.000352	0.00134
2090 Jan	152	0.0797	0.122	0.00362	28	0.0428	27.8	0.00162	0.00118	0.00000617	0.00735	0.00203	0.0316	0.0257	0.00000629	25.5	0.0000215	0.000715	0.000352	0.00135
2090 Feb	152	0.0797	0.122	0.00362	28.1	0.0428	27.8	0.00162	0.00118	0.00000617	0.00735	0.00203	0.0317	0.0257	0.00000629	25.6	0.0000215	0.000715	0.000353	0.00135
2090 Mar	152	0.0798	0.122	0.00362	28.1	0.0429	27.8	0.00162	0.00118	0.00000617	0.00736	0.00203	0.0317	0.0258	0.00000629	25.6	0.0000215	0.000716	0.000353	0.00135
2090 Apr	153	0.0801	0.123	0.00363	28.2	0.043	27.9	0.00162	0.00118	0.00000619	0.00739	0.00204	0.0318	0.0259	0.00000632	25.7	0.0000216	0.000718	0.000354	0.00135
2090 May	154	0.0809	0.124	0.00366	28.5	0.0434	28.1	0.00164	0.00119	0.00000626	0.00747	0.00206	0.032	0.0262	0.00000638	26	0.0000218	0.000725	0.00036	0.00137
2090 Jun	150	0.0725	0.131	0.00375	27.5	0.0404	30.1	0.00158	0.00107	0.00000568	0.00653	0.00198	0.0334	0.0232	0.00000583	23.9	0.0000201	0.000751	0.000325	0.00127
2090 Jul	158	0.0748	0.141	0.00399	28.8	0.0423	32.2	0.00165	0.0011	0.00000587	0.00668	0.00206	0.0357	0.0234	0.00000602	24.5	0.0000207	0.000794	0.000329	0.00132
2090 Aug	151	0.0722	0.134	0.00383	27.6	0.0422	30.7	0.00161	0.00109	0.00000575	0.00651	0.00199	0.0345	0.0225	0.0000059	23.6	0.0000195	0.00076	0.00031	0.00127
2090 Sep	150	0.0731	0.135	0.00385	27.4	0.0426	31.1	0.0016	0.00107	0.00000566	0.00641	0.00197	0.0349	0.0216	0.00000581	23	0.000019	0.00076	0.000294	0.00126
2090 Oct	152	0.074	0.139	0.00394	27.2	0.0429	32.2	0.00159	0.00103	0.00000548	0.00619	0.00194	0.0358	0.0201	0.00000565	22	0.0000183	0.000768	0.000271	0.00124
2090 Nov	154	0.0742	0.142	0.004	27.3	0.043	32.8	0.00159	0.00101	0.00000542	0.00609	0.00194	0.0363	0.0195	0.00000559	21.7	0.000018	0.000774	0.000263	0.00123
2090 Dec	154	0.0743	0.142	0.004	27.3	0.0431	32.8	0.00159	0.00101	0.00000542	0.0061	0.00194	0.0363	0.0195	0.00000559	21.7	0.000018	0.000773	0.000263	0.00123
2091 Jan	154	0.0744	0.142	0.004	27.3	0.0431	32.8	0.00159	0.00101	0.00000542	0.0061	0.00194	0.0363	0.0195	0.00000559	21.7	0.000018	0.000773	0.000263	0.00123
2091 Feb	154	0.0744	0.142	0.004	27.3	0.0431	32.8	0.00159	0.00101	0.00000542	0.0061	0.00194	0.0363	0.0195	0.00000559	21.7	0.000018	0.000773	0.000263	0.00123
2091 Mar	154	0.0745	0.142	0.004	27.3	0.0431	32.8	0.00159	0.00102	0.00000543	0.00611	0.00194	0.0363	0.0196	0.0000056	21.8	0.0000181	0.000775	0.000264	0.00123
2091 Apr	155	0.075	0.143	0.00403	27.5	0.0434	33	0.0016	0.00102	0.00000547	0.00615	0.00195	0.0365	0.0197	0.00000564	21.9	0.0000182	0.00078	0.000265	0.00124
2091 May	157	0.076	0.143	0.00405	27.9	0.0437	33.2	0.00161	0.00104	0.00000554	0.00624	0.00198	0.0367	0.0204	0.00000571	22.5	0.0000185	0.000788	0.000276	0.00126
2091 Jun	158	0.0728	0.145	0.00404	27.7	0.0416	33.7	0.00159	0.000997	0.00000534	0.00594	0.00199	0.0367	0.0208	0.00000552	22.7	0.0000184	0.000803	0.000292	0.00124
2091 Jul	168	0.0769	0.154	0.00431	29.4	0.0441	35.9	0.00168	0.00105	0.00000565	0.00628	0.00211	0.0391	0.0218	0.00000584	24	0.0000195	0.000853	0.000307	0.00132
2091 Aug	166	0.0764	0.151	0.00424	29	0.0443	35.2	0.00167	0.00106	0.00000567	0.0063	0.00209	0.0386	0.0217	0.00000585	23.9	0.0000192	0.000841	0.000303	0.00131
2091 Sep	162	0.0756	0.146	0.00414	28.5	0.0442	34.2	0.00165	0.00105	0.00000564	0.00627	0.00206	0.0378	0.0215	0.00000582	23.5	0.0000188	0.00082	0.000297	0.00129
2091 Oct	158	0.0751	0.144	0.00406	27.9	0.0437	33.7	0.00162	0.00103	0.00000552	0.00617	0.00202	0.0372	0.0209	0.0000057	22.9	0.0000184	0.000805	0.000286	0.00127
2091 Nov	156	0.0754	0.144	0.00406	27.5	0.0437	33.8	0.00161	0.00101	0.00000543	0.00609	0.00199	0.0373	0.0201	0.00000561	22.4	0.000018	0.000802	0.000274	0.00125
2091 Dec	156	0.0755	0.143	0.00406	27.5	0.0438	33.8	0.00161	0.00101	0.00000543	0.00609	0.00199	0.0373	0.0201	0.00000561	22.4	0.000018	0.000802	0.000273	0.00125
2092 Jan	156	0.0756	0.143	0.00406	27.5	0.0438	33.8	0.00161	0.00101	0.00000543	0.0061	0.00199	0.0373	0.0201	0.00000561	22.4	0.000018	0.000802	0.000274	0.00125
2092 Feb	156	0.0756	0.144	0.00406	27.6	0.0438	33.8	0.00161	0.00101	0.00000544	0.0061	0.00199	0.0373	0.0202	0.00000562	22.4	0.000018	0.000803	0.000274	0.00125
2092 Mar	157	0.0758	0.144	0.00406	27.6	0.0439	33.9	0.00161	0.00102	0.00000545	0.00611	0.002	0.0374	0.0202	0.00000563	22.5	0.0000181	0.000804	0.000275	0.00125
2092 Apr	158	0.0762	0.145	0.00409	27.8	0.0441	34.1	0.00162	0.00102	0.00000548	0.00614	0.00201	0.0376	0.0203	0.00000566	22.6	0.0000182	0.000809	0.000276	0.00126
2092 May	159	0.077	0.145	0.00409	28.1	0.0442	34.2	0.00163	0.00103	0.00000553	0.00621	0.00204	0.0377	0.021	0.00000571	23.2	0.0000185	0.000817	0.000288	0.00128
2092 Jun	164	0.0702	0.152	0.00423	27.5	0.0414	36.1	0.0016	0.00095	0.00000514	0.00561	0.00202	0.039	0.0195	0.00000534	22.2	0.000018	0.000848	0.000278	0.00123
2092 Jul	171	0.0708	0.161	0.00446	28.2	0.0427	38.1	0.00165	0.000963	0.00000523	0.00565	0.00207	0.0411	0.0191	0.00000544	22.2	0.0000183	0.000884	0.000272	0.00125
2092 Aug	178	0.0737	0.167	0.00464	29.4	0.0446	39.6	0.00172	0.00101	0.00000546	0.0059	0.00215	0.0428	0.0199	0.00000568	23.2	0.0000191	0.00092	0.000283	0.0013
2092 Sep	178	0.074	0.167	0.00463	29.4	0.0448	39.5	0.00172	0.00101	0.00000548	0.00593	0.00215	0.0427	0.0199	0.0000057	23.2	0.0000191	0.000917	0.000282	0.0013
2092 Oct	176	0.0738	0.164	0.00457	29.1	0.0446	39	0.0017	0.001	0.00000544	0.00592	0.00213	0.0422	0.0198	0.00000566	23	0.0000189	0.000906	0.00028	0.00129
2092 Nov	175	0.074	0.164	0.00455	29	0.0446	38.8	0.0017	0.001	0.00000544	0.00593	0.00213	0.042	0.0198	0.00000566	23	0.0000189	0.000902	0.000279	0.00129
2092 Dec	175	0.0741	0.164	0.00455	29	0.0446	38.8	0.0017	0.001	0.00000544	0.00594	0.00213	0.042	0.0198	0.00000566	23	0.0000189	0.000902	0.000279	0.00129
2093 Jan	175	0.0741	0.163	0.00455	29	0.0446	38.8	0.0017	0.001	0.00000544	0.00594	0.00213	0.042	0.0198	0.00000566	23	0.0000189	0.000902	0.000279	0.00129
2093 Feb	175	0.0742	0.163	0.00455	29	0.0446	38.8	0.0017	0.001	0.00000544	0.00594	0.00213	0.042	0.0198	0.00000566	23	0.0000189	0.000903	0.000279	0.00129
2093 Mar	176	0.0744	0.164	0.00456	29.1	0.0447	38.9	0.00171	0.00101	0.00000546	0.00596	0.00214	0.0421	0.0199	0.00000568	23	0.000019	0.000905	0.00028	0.0013
2093 Apr	177	0.0748	0.165	0.00459	29.3	0.045	39.1	0.00172	0.00101	0.00000549	0.00599	0.00215	0.0424	0.02	0.00000571	23.2	0.0000191	0.00091	0.000282	0.00131
2093 May	177	0.0757	0.164	0.00458	29.5	0.0451	39	0.00172	0.00103	0.00000555	0.00608	0.00217	0.0422	0.0207	0.00000577	23.7	0.0000194	0.000913	0.000293	0.00132
2093 Jun	167	0.0717	0.153	0.00428	28.1	0.0421	36.9	0.00164	0.000984	0.00000531	0.00585	0.00211	0.0399	0.0211	0.00000552	23.6	0.000019	0.000881	0.000305	0.00128
2093 Jul	175	0.0747	0.162	0.00452	29.5	0.0442	39	0.00173	0.00103	0.00000554	0.00608	0.00221	0.0422	0.0218	0.00000576	24.5	0.0000198	0.000928	0.000314	0.00133
2093 Aug	181	0.0772	0.167	0.00467	30.5	0.0458	40.3	0.00179	0.00106	0.00000574	0.0063	0.00228	0.0436	0.0225	0.00000597	25.3	0.0000205	0.000959	0.000325	0.00138
2093 Sep	180	0.0778	0.167	0.00466	30.4	0.046	40.1	0.00179	0.00107	0.00000576	0.00635	0.00228	0.0435	0.0226	0.00000599	25.4	0.0000205	0.000956	0.000324	0.00138
2093 Oct	168	0.0767	0.153	0.00432	28.5	0.0443	37.1	0.00169	0.00103	0.00000552	0.00622	0.00215	0.0404	0.0215	0.00000573	24	0.0000195	0.000887	0.000303	0.00131
2093 Nov	164	0.077	0.15	0.00423	28	0.0441	36.3	0.00166	0.00101	0.00000546	0.0062	0.00211	0.0397	0.0211	0.00000566	23.6	0.0000192	0.000869	0.000295	0.0013
2093 Dec	164	0.0771	0.149	0.00423	28	0.0442	36.3	0.00166	0.00102	0.00000546	0.00621	0.00211	0.0397	0.0211	0.00000566	23.6	0.0000192	0.000869	0.000295	0.0013
2094 Jan	164	0.0771	0.149	0.00423	28	0.0442	36.3	0.00166	0.00102	0.00000546	0.00621	0.00211	0.0397	0.0211	0.00000566	23.6	0.0000192	0.000869	0.000295	0.0013
2094 Feb	164	0.0772	0.149	0.00423	28	0.0442	36.3	0.00166	0.00102	0.00000546	0.00621	0.00211	0.0397	0.0211	0.00000567	23.6	0.0000192	0.000869	0.000295	0.0013
2094 Mar	164	0.0773	0.15	0.00424	28	0.0442	36.4	0.00167	0.00102	0.00000547	0.00622	0.00211	0.0398	0.0212	0.00000567	23.6	0.0000192	0.00087	0.000296	0.0013
2094 Apr	165	0.0776	0.15	0.00425	28.1	0.0444	36.5	0.00167	0.00102	0.00000549	0.00625	0.00212	0.0399	0.0213	0.0000057	23.7	0.0000193	0.000873	0.000297	0.00131
2094 May	165	0.0776	0.15	0.00425	28.3	0.0441	36.6	0.00167	0.00102	0.00000548	0.00622	0.00214	0.04	0.0218	0.00000569	24.1	0.0000194	0.000881	0.000308	0.00131
2094 Jun	170	0.0777	0.156	0.00438	29.1	0.0441	38.4	0.0017	0.00101	0.00000547	0.00611	0.00221	0.0415	0.0226	0.00000569	25	0.0000196	0.000924	0.000326	0.00134
2094 Jul	181	0.0826	0.166	0.00466	30.9	0.0469	40.8	0.00181	0.00108	0.00000583	0.00651	0.00236	0.0441	0.024	0.00000606	26.6	0.0000209	0.000983	0.000347	0.00143
2094 Aug	193	0.0881	0.177	0.00497	33	0.05	43.5	0.00193	0.00115	0.00000621	0.00694	0.00251	0.047	0.0256	0.00000646	28.4	0.0000223	0.00105	0.00037	0.00152
2094 Sep	192	0.0885	0.176	0.00494	32.8	0.0501	43.2	0.00193	0.00115	0.00000621	0.00697	0.0025	0.0468	0.0256	0.00000646	28.3	0.0000223	0.00104	0.000368	0.00152
2094 Oct	183	0.0871	0.166	0.00469	31.4	0.0487	40.9	0.00185	0.00112	0.00000602	0.00685	0.00239	0.0444	0.0247	0.00000625	27.2	0.0000215	0.000988	0.000351	0.00146
2094 Nov	173	0.0858	0.156	0.00444	29.9	0.0473	38.6	0.00177	0.00109	0.00000583	0.00674	0.00229	0.0421	0.0238	0.00000605	26.1	0.0000207	0.000935	0.000334	0.00141
2094 Dec	172	0.0858	0.155	0.00441	29.8	0.0472	38.3	0.00176	0.00108	0.00000581	0.00674	0.00228	0.0419	0.0237	0.00000603	26	0.0000206	0.000929	0.000332	0.00141
2095 Jan	172	0.0859	0.155	0.00441	29.8	0.0472	38.3	0.00176	0.00108	0.00000582	0.00674	0.00228	0.0419	0.0237	0.00000603	26	0.0000206	0.000928	0.000333	0.00141
2095 Feb	172	0.0859	0.155	0.00441	29.8	0.0472	38.3	0.00176	0.00108	0.00000582	0.00674	0.00228	0.0419	0.0237	0.00000603	26	0.0000206	0.000928	0.000333	0.00141
2095 Mar	173	0.086	0.155	0.00441	29.8	0.0473	38.3	0.00177	0.00108	0.00000582	0.00675	0.00228	0.0419	0.0238	0.00000604	26	0.0000207	0.000929	0.000333	0.00141

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	173	0.0864	0.155	0.00443	29.9	0.0475	38.5	0.00177	0.00109	0.00000585	0.00678	0.00229	0.0421	0.0239	0.00000607	26.2	0.0000208	0.000934	0.000335	0.00141
2095 May	171	0.0861	0.152	0.00435	29.8	0.0468	37.7	0.00176	0.00109	0.00000584	0.00679	0.00228	0.0413	0.0244	0.00000605	26.4	0.0000208	0.000923	0.000344	0.00141
2095 Jun	170	0.0861	0.148	0.00424	29.7	0.0461	36.8	0.00174	0.0011	0.00000586	0.00685	0.00229	0.0403	0.0256	0.00000607	27.1	0.0000211	0.000914	0.000364	0.00142
2095 Jul	180	0.0913	0.157	0.0045	31.5	0.0489	39.1	0.00185	0.00117	0.00000622	0.00727	0.00243	0.0427	0.0271	0.00000644	28.8	0.0000224	0.000969	0.000386	0.00151
2095 Aug	179	0.091	0.156	0.00448	31.4	0.0489	38.8	0.00185	0.00117	0.00000623	0.00728	0.00243	0.0425	0.0271	0.00000645	28.7	0.0000223	0.000964	0.000384	0.00151
2095 Sep	178	0.0911	0.155	0.00446	31.3	0.0491	38.6	0.00185	0.00117	0.00000625	0.0073	0.00242	0.0424	0.0271	0.00000646	28.7	0.0000222	0.00096	0.000383	0.00151
2095 Oct	178	0.0912	0.155	0.00445	31.3	0.0492	38.5	0.00184	0.00117	0.00000625	0.00731	0.00242	0.0423	0.0271	0.00000646	28.7	0.0000222	0.000958	0.000382	0.0015
2095 Nov	175	0.0906	0.151	0.00437	30.8	0.0486	37.8	0.00182	0.00116	0.00000617	0.00725	0.00238	0.0416	0.0267	0.00000639	28.2	0.0000219	0.00094	0.000376	0.00148
2095 Dec	174	0.0907	0.15	0.00435	30.7	0.0486	37.5	0.00181	0.00116	0.00000616	0.00726	0.00237	0.0414	0.0266	0.00000637	28.1	0.0000218	0.000935	0.000374	0.00148
2096 Jan	174	0.0907	0.15	0.00434	30.6	0.0486	37.5	0.00181	0.00116	0.00000616	0.00726	0.00237	0.0413	0.0266	0.00000637	28.1	0.0000218	0.000934	0.000374	0.00148
2096 Feb	174	0.0908	0.15	0.00434	30.7	0.0486	37.5	0.00181	0.00116	0.00000616	0.00726	0.00237	0.0413	0.0267	0.00000637	28.2	0.0000219	0.000935	0.000375	0.00148
2096 Mar	174	0.0909	0.15	0.00435	30.7	0.0486	37.5	0.00181	0.00116	0.00000617	0.00727	0.00238	0.0414	0.0267	0.00000638	28.2	0.0000219	0.000935	0.000375	0.00148
2096 Apr	175	0.0913	0.151	0.00437	30.8	0.0489	37.7	0.00182	0.00116	0.0000062	0.0073	0.00239	0.0416	0.0268	0.00000641	28.3	0.000022	0.00094	0.000377	0.00149
2096 May	175	0.0918	0.15	0.00435	31	0.0489	37.6	0.00182	0.00117	0.00000624	0.00736	0.0024	0.0414	0.0273	0.00000645	28.7	0.0000222	0.000941	0.000385	0.0015
2096 Jun	161	0.0766	0.145	0.00418	27.8	0.0443	36.6	0.00171	0.00105	0.00000565	0.00657	0.0022	0.0404	0.0227	0.00000586	24.9	0.0000207	0.000904	0.00032	0.00134
2096 Jul	172	0.0783	0.159	0.00454	29.2	0.0468	40.1	0.00181	0.00108	0.00000583	0.00669	0.00232	0.0441	0.0225	0.00000607	25.4	0.0000214	0.000975	0.000318	0.00139
2096 Aug	181	0.0824	0.167	0.00478	30.7	0.0493	42.2	0.00191	0.00114	0.00000613	0.00704	0.00244	0.0464	0.0237	0.00000639	26.7	0.0000225	0.00103	0.000334	0.00146
2096 Sep	177	0.0825	0.163	0.00467	30.1	0.0489	41.1	0.00188	0.00113	0.00000607	0.00703	0.00239	0.0454	0.0234	0.00000632	26.3	0.0000222	0.001	0.000328	0.00144
2096 Oct	165	0.0813	0.15	0.00435	28.4	0.0471	38.2	0.00178	0.00109	0.00000583	0.00688	0.00226	0.0424	0.0224	0.00000606	25	0.0000212	0.000933	0.000308	0.00138
2096 Nov	164	0.0814	0.149	0.00432	28.2	0.0471	37.9	0.00177	0.00109	0.00000582	0.00688	0.00225	0.0421	0.0223	0.00000604	24.9	0.0000211	0.000926	0.000307	0.00137
2096 Dec	164	0.0815	0.149	0.00432	28.2	0.0471	37.9	0.00177	0.00109	0.00000582	0.00688	0.00225	0.0421	0.0223	0.00000604	24.9	0.0000211	0.000926	0.000307	0.00137
2097 Jan	164	0.0815	0.149	0.00432	28.2	0.0471	37.9	0.00177	0.00109	0.00000582	0.00688	0.00225	0.0421	0.0223	0.00000604	24.9	0.0000211	0.000926	0.000307	0.00137
2097 Feb	164	0.0815	0.149	0.00432	28.2	0.0471	37.9	0.00177	0.00109	0.00000582	0.00688	0.00225	0.0421	0.0223	0.00000604	24.9	0.0000211	0.000926	0.000307	0.00137
2097 Mar	165	0.0816	0.149	0.00432	28.3	0.0471	37.9	0.00177	0.00109	0.00000582	0.00689	0.00225	0.0421	0.0224	0.00000605	25	0.0000211	0.000927	0.000307	0.00137
2097 Apr	166	0.0821	0.15	0.00435	28.4	0.0474	38.1	0.00178	0.00109	0.00000586	0.00693	0.00226	0.0424	0.0225	0.00000609	25.1	0.0000212	0.000932	0.000309	0.00138
2097 May	167	0.0832	0.151	0.00438	28.8	0.0478	38.3	0.0018	0.00111	0.00000594	0.00703	0.00229	0.0426	0.0231	0.00000617	25.6	0.0000216	0.000941	0.000318	0.0014
2097 Jun	162	0.0802	0.145	0.0042	28.1	0.0456	37	0.00175	0.00108	0.00000578	0.00684	0.00226	0.041	0.0236	0.000006	25.7	0.0000213	0.000921	0.000332	0.00138
2097 Jul	171	0.0847	0.154	0.00446	29.8	0.0484	39.3	0.00185	0.00114	0.00000612	0.00722	0.00239	0.0436	0.0249	0.00000635	27.2	0.0000225	0.000978	0.00035	0.00146
2097 Aug	177	0.0877	0.159	0.00461	30.8	0.0501	40.7	0.00192	0.00118	0.00000634	0.00748	0.00248	0.0451	0.0258	0.00000658	28.1	0.0000233	0.00101	0.000362	0.00151
2097 Sep	180	0.089	0.161	0.00468	31.2	0.0509	41.2	0.00195	0.0012	0.00000643	0.0076	0.00251	0.0457	0.0262	0.00000668	28.5	0.0000236	0.00103	0.000367	0.00153
2097 Oct	177	0.0886	0.159	0.00461	30.9	0.0504	40.6	0.00192	0.00119	0.00000637	0.00755	0.00248	0.0451	0.0259	0.00000662	28.2	0.0000234	0.00101	0.000362	0.00151
2097 Nov	175	0.0882	0.156	0.00454	30.4	0.05	40	0.0019	0.00118	0.00000631	0.0075	0.00245	0.0444	0.0256	0.00000655	27.9	0.0000231	0.000995	0.000357	0.0015
2097 Dec	174	0.0881	0.155	0.00451	30.3	0.0499	39.7	0.00189	0.00118	0.00000629	0.00749	0.00244	0.0442	0.0255	0.00000653	27.8	0.000023	0.000989	0.000355	0.00149
2098 Jan	174	0.0882	0.155	0.00451	30.3	0.0499	39.7	0.00189	0.00118	0.00000629	0.00749	0.00244	0.0441	0.0255	0.00000653	27.8	0.000023	0.000989	0.000355	0.00149
2098 Feb	174	0.0882	0.155	0.00451	30.3	0.0499	39.7	0.00189	0.00118	0.00000629	0.00749	0.00244	0.0441	0.0256	0.00000653	27.8	0.000023	0.000989	0.000356	0.00149
2098 Mar	174	0.0883	0.155	0.00451	30.3	0.0499	39.7	0.00189	0.00118	0.0000063	0.0075	0.00244	0.0442	0.0256	0.00000653	27.8	0.000023	0.000989	0.000356	0.00149
2098 Apr	170	0.0876	0.148	0.00434	30	0.0484	38.1	0.00185	0.00117	0.00000625	0.00748	0.00242	0.0424	0.0267	0.00000647	28.3	0.000023	0.000965	0.000376	0.00149
2098 Jun	164	0.0794	0.146	0.00421	28.5	0.0444	37.8	0.00174	0.00105	0.00000565	0.00659	0.00231	0.0414	0.0249	0.00000588	26.8	0.0000212	0.00095	0.00036	0.00139
2098 Jul	176	0.0842	0.158	0.00453	30.4	0.0474	40.8	0.00186	0.00112	0.000006	0.00697	0.00246	0.0446	0.0261	0.00000625	28.3	0.0000224	0.00102	0.000379	0.00148
2098 Aug	177	0.0851	0.158	0.00456	30.6	0.0482	41	0.00188	0.00113	0.00000608	0.00706	0.00249	0.0449	0.0264	0.00000633	28.6	0.0000226	0.00103	0.000382	0.00149
2098 Sep	167	0.0831	0.148	0.00429	29.1	0.0467	38.5	0.00179	0.0011	0.00000587	0.00689	0.00236	0.0424	0.0253	0.0000061	27.3	0.0000216	0.000965	0.000361	0.00143
2098 Oct	162	0.0822	0.145	0.00421	28.1	0.0462	37.9	0.00175	0.00106	0.00000568	0.0067	0.00229	0.0418	0.0239	0.00000591	26.1	0.0000207	0.000942	0.000337	0.00138
2098 Nov	163	0.0823	0.147	0.00426	28.1	0.0465	38.5	0.00175	0.00105	0.00000563	0.00663	0.00229	0.0424	0.0232	0.00000586	25.7	0.0000205	0.00095	0.000326	0.00138
2098 Dec	163	0.0824	0.147	0.00426	28	0.0466	38.5	0.00175	0.00105	0.00000563	0.00663	0.00229	0.0424	0.0232	0.00000587	25.7	0.0000205	0.000949	0.000326	0.00138
2099 Jan	163	0.0825	0.147	0.00426	28	0.0466	38.5	0.00175	0.00105	0.00000563	0.00663	0.00229	0.0424	0.0232	0.00000587	25.7	0.0000205	0.000949	0.000326	0.00138
2099 Feb	163	0.0825	0.147	0.00426	28.1	0.0466	38.5	0.00175	0.00105	0.00000563	0.00664	0.00229	0.0424	0.0232	0.00000587	25.7	0.0000205	0.000949	0.000326	0.00138
2099 Mar	163	0.0827	0.147	0.00427	28.1	0.0467	38.5	0.00175	0.00105	0.00000564	0.00665	0.00229	0.0425	0.0233	0.00000588	25.8	0.0000205	0.000951	0.000327	0.00138
2099 Apr	165	0.0833	0.148	0.0043	28.3	0.047	38.8	0.00177	0.00106	0.00000569	0.0067	0.00231	0.0428	0.0235	0.00000593	26	0.0000207	0.000959	0.00033	0.00139
2099 May	166	0.0814	0.148	0.00426	28.3	0.0454	38.8	0.00173	0.00103	0.00000553	0.00644	0.00231	0.0424	0.0241	0.00000577	26.4	0.0000204	0.000963	0.000347	0.00138
2099 Jun	173	0.0798	0.156	0.00446	28.6	0.0454	40.9	0.00175	0.001	0.00000543	0.00621	0.00234	0.0443	0.0234	0.00000568	26.2	0.0000202	0.001	0.000341	0.00138
2099 Jul	181	0.0835	0.164	0.00468	30	0.0477	42.9	0.00184	0.00105	0.00000571	0.00653	0.00246	0.0464	0.0245	0.00000598	27.4	0.0000212	0.00105	0.000356	0.00145
2099 Aug	189	0.0872	0.171	0.00488	31.3	0.05	44.8	0.00193	0.00111	0.00000598	0.00684	0.00257	0.0485	0.0256	0.00000626	28.7	0.0000222	0.00109	0.000372	0.00152
2099 Sep	184	0.086	0.165	0.00474	30.5	0.0492	43.4	0.00188	0.00109	0.00000588	0.00676	0.00251	0.0471	0.0251	0.00000615	28	0.0000216	0.00106	0.000362	0.00148
2099 Oct	178	0.085	0.159	0.00458	29.6	0.0483	41.8	0.00183	0.00107	0.00000576	0.00667	0.00243	0.0455	0.0245	0.00000602	27.3	0.0000211	0.00102	0.000351	0.00145
2099 Nov	173	0.0847	0.154	0.00445	28.9	0.0476	40.6	0.00179	0.00105	0.00000568	0.00664	0.00238	0.0443	0.0241	0.00000593	26.7	0.0000208	0.000995	0.000342	0.00142
2099 Dec	173	0.0848	0.153	0.00444	28.9	0.0477	40.5	0.00179	0.00105	0.00000568	0.00665	0.00237	0.0442	0.024	0.00000593	26.7	0.0000207	0.000994	0.000342	0.00142
2100 Jan	173	0.0848	0.153	0.00444	28.9	0.0477	40.5	0.00179	0.00105	0.00000568	0.00665	0.00237	0.0442	0.0241	0.00000593	26.7	0.0000207	0.000993	0.000342	0.00142
2100 Feb	173	0.0848	0.153	0.00444	28.9	0.0477	40.5	0.00179	0.00105	0.00000568	0.00665	0.00237	0.0442	0.0241	0.00000593	26.7	0.0000207	0.000993	0.000342	0.00142
2100 Mar	173	0.0849	0.153	0.00444	28.9	0.0477	40.5	0.00179	0.00105	0.00000568	0.00665	0.00238	0.0442	0.0241	0.00000593	26.7	0.0000208	0.000994	0.000343	0.00142
2100 Apr	174	0.0855	0.154	0.00447	29.1	0.048	40.7	0.0018	0.00106	0.00000572	0.0067	0.00239	0.0445	0.0243	0.00000597	26.9	0.0000209	0.001	0.000345	0.00143
2100 May	173	0.0854	0.152	0.00442	29.1	0.0475	40.3	0.0018	0.00106	0.00000573	0.00672	0.0024	0.044	0.0249	0.00000598	27.3	0.000021	0.000997	0.000356	0.00144
2100 Jun	173	0.0781	0.157	0.0045	28.3	0.0455	41.8	0.00176	0.000989	0.00000537	0.00614	0.00236	0.0452	0.0229	0.00000564	25.9	0.0000202	0.00102	0.000334	0.00138
2100 Jul	180	0.0793	0.164	0.0047	29	0.0469	43.7	0.00182	0.00101	0.00000548	0.00623	0.00243	0.0472	0.0228	0.00000576	26.3	0.0000206	0.00106	0.000333	0.00141
2100 Aug	178	0.0788	0.162	0.00465	28.8	0.0469	43.2	0.00181	0.00101	0.00000548	0.00623	0.00241	0.0468	0.0228	0.00000576	26.1	0.0000204	0.00105	0.000331	0.0014
2100 Sep	177	0.0788	0.161	0.00462	28.6	0.047	42.9	0.00181	0.00101	0.00000549	0.00624	0.0024	0.0465	0.0227	0.00000576	26.1	0.0000203	0.00104	0.000329	0.0014
2100 Oct	177	0.0791	0.161	0.00463	28.7	0.0472	42.9	0.00181	0.00101	0.0000055	0.00626	0.0024	0.0466	0.0227	0.00000578	26.1	0.0000203	0.00104	0.000328	0.0014
2100 Nov	177	0.0793	0.161	0.00463	28.7	0.0473	43	0.00181	0.00101	0.00000551	0.00627	0.00241	0.0467	0.0227	0.00000578	26.1	0.0000204	0.00104	0.000328	0.0014
2100 Dec	177	0.0794	0.161	0.00464	28.7	0.0473	43	0.00181	0.00102	0.00000551	0.00628	0.00241	0.0467	0.0228	0.00000579	26.1	0.0000204	0.00104	0.000329	0.0014
2101 Jan	177	0.0794	0.161	0.00464	28.7	0.0473	43.1	0.00181	0.00102	0.00000551	0.00628	0.00241	0.0467	0.0228	0.00000579	26.1	0.0000204	0.00104	0.000329	0.0014
2101 Feb	177	0.0794	0.161	0.00464	28.7	0.0473	43	0.00181	0.00102	0.00000552	0.00628	0.00241	0.0467	0.0228	0.00000579	26.1	0.0000204	0.00104	0.000329	0.0014
2101 Mar	178	0.0794	0.161	0.00464	28.8	0.0474	43.1	0.00181	0.00102	0.00000552	0.00628	0.00241	0.0467	0.0228	0.00000579	26.2	0.0000204	0.00104	0.000329	0.0014
2101 Apr	178	0.0797	0.162	0.00466	28.9	0.0475	43.2	0.00182	0.00102	0.00000554	0.00631	0.00242	0.0469	0.0229	0.00000582	26.3	0.0000205	0.00105	0.00033	0.00141
2101 May	176	0.0798	0.159	0.00457	28.9	0.0469	42.5	0.00181	0.00102	0.00000555	0.00634	0.00243	0.0461	0.0238	0.00000582	26.8	0.0000207	0.00104	0.000346	0.00142
2101 Jun	179	0.0769	0.163	0.00466	28.6	0.0462	43.8	0.00181	0.00099	0.00000539	0.00609	0.00243	0.0473	0.0229	0.00000568	26.3	0.0000204	0.00106	0.000337	0.0014
2101 Jul	190	0.0811	0.174	0.00498	30.3	0.0491	46.8	0.00192	0.00105	0.00000571	0.00643	0.00257	0.0504	0.024	0.00000601	27.7	0.0000216	0.00113	0.000353	0.00148
2101 Aug	200	0.0853	0.183	0.00523	31.9	0.0516	49.2	0.00202	0.0011	0.000006	0.00676	0.00271	0.053	0.0252	0.00000632	29.1	0.0000227	0.00119	0.000371	0.00155

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	197	0.0852	0.179	0.00514	31.4	0.0514	48.2	0.002	0.0011	0.00000597	0.00677	0.00267	0.0522	0.025	0.00000629	28.8	0.0000225	0.00117	0.000365	0.00154
2101 Oct	195	0.0851	0.177	0.00509	31.2	0.0512	47.7	0.00198	0.00109	0.00000595	0.00676	0.00265	0.0517	0.0248	0.00000626	28.6	0.0000223	0.00116	0.000362	0.00153
2101 Nov	190	0.0844	0.172	0.00495	30.4	0.0504	46.3	0.00194	0.00108	0.00000585	0.00669	0.00259	0.0503	0.0244	0.00000615	28	0.0000219	0.00113	0.000353	0.0015
2101 Dec	189	0.0844	0.171	0.00493	30.3	0.0503	46.1	0.00193	0.00107	0.00000584	0.00669	0.00258	0.05	0.0243	0.00000613	27.9	0.0000218	0.00112	0.000352	0.00149
2102 Jan	189	0.0845	0.17	0.00492	30.3	0.0503	46	0.00193	0.00107	0.00000583	0.00669	0.00258	0.05	0.0243	0.00000613	27.9	0.0000218	0.00112	0.000352	0.00149
2102 Feb	189	0.0845	0.17	0.00492	30.3	0.0503	46	0.00193	0.00107	0.00000584	0.00669	0.00258	0.05	0.0243	0.00000613	27.9	0.0000218	0.00112	0.000352	0.00149
2102 Mar	189	0.0846	0.17	0.00492	30.3	0.0503	46.1	0.00193	0.00107	0.00000584	0.0067	0.00258	0.05	0.0244	0.00000614	28	0.0000219	0.00112	0.000353	0.0015
2102 Apr	190	0.0848	0.171	0.00494	30.4	0.0504	46.2	0.00194	0.00108	0.00000586	0.00672	0.00259	0.0501	0.0244	0.00000616	28	0.0000219	0.00112	0.000354	0.0015
2102 May	192	0.0861	0.173	0.00501	30.9	0.0512	46.9	0.00197	0.00109	0.00000594	0.00682	0.00262	0.0509	0.0248	0.00000625	28.5	0.0000222	0.00114	0.000359	0.00152
2102 Jun	172	0.0734	0.157	0.0046	27.3	0.0469	42.7	0.00184	0.00103	0.0000056	0.00653	0.00238	0.0471	0.0213	0.00000588	25	0.0000215	0.00104	0.000303	0.00137
2102 Jul	175	0.0707	0.163	0.00477	27.2	0.0475	44.7	0.00188	0.00103	0.00000559	0.00647	0.00241	0.0493	0.0199	0.00000589	24.3	0.0000217	0.00108	0.000281	0.00136
2102 Aug	179	0.0728	0.168	0.0049	27.9	0.049	45.9	0.00193	0.00106	0.00000576	0.00667	0.00248	0.0507	0.0205	0.00000607	25	0.0000223	0.00111	0.000289	0.0014
2102 Sep	179	0.0732	0.167	0.00489	27.9	0.0493	45.7	0.00194	0.00106	0.00000579	0.00671	0.00248	0.0506	0.0206	0.0000061	25.1	0.0000223	0.00111	0.000289	0.0014
2102 Oct	168	0.0727	0.155	0.00458	26.4	0.0476	42.6	0.00184	0.00103	0.00000558	0.00659	0.00234	0.0474	0.0198	0.00000587	23.9	0.0000213	0.00103	0.000274	0.00134
2102 Nov	167	0.0731	0.153	0.00454	26.3	0.0476	42.2	0.00183	0.00103	0.00000557	0.0066	0.00233	0.047	0.0198	0.00000585	23.8	0.0000212	0.00102	0.000272	0.00134
2102 Dec	167	0.0732	0.153	0.00454	26.3	0.0476	42.2	0.00183	0.00103	0.00000558	0.00661	0.00233	0.047	0.0198	0.00000586	23.8	0.0000212	0.00102	0.000272	0.00134
2103 Jan	167	0.0732	0.153	0.00454	26.3	0.0476	42.2	0.00183	0.00103	0.00000558	0.00661	0.00233	0.047	0.0198	0.00000586	23.8	0.0000212	0.00102	0.000272	0.00134
2103 Feb	167	0.0732	0.153	0.00454	26.3	0.0476	42.2	0.00183	0.00103	0.00000558	0.00661	0.00233	0.047	0.0198	0.00000586	23.9	0.0000212	0.00102	0.000272	0.00134
2103 Mar	167	0.0733	0.153	0.00454	26.3	0.0476	42.2	0.00183	0.00103	0.00000558	0.00662	0.00233	0.047	0.0199	0.00000586	23.9	0.0000212	0.00103	0.000273	0.00134
2103 Apr	168	0.0736	0.154	0.00456	26.4	0.0478	42.4	0.00184	0.00104	0.00000561	0.00665	0.00234	0.0472	0.0199	0.00000589	24	0.0000213	0.00103	0.000274	0.00135
2103 May	168	0.0743	0.152	0.00451	26.7	0.0475	42	0.00184	0.00104	0.00000564	0.00669	0.00236	0.0467	0.0209	0.00000592	24.7	0.0000215	0.00103	0.000291	0.00136
2103 Jun	169	0.0716	0.155	0.00456	26.6	0.046	43.3	0.00181	0.000988	0.00000538	0.00626	0.00238	0.0476	0.0209	0.00000567	24.8	0.0000209	0.00106	0.0003	0.00135
2103 Jul	175	0.0728	0.162	0.00474	27.3	0.0478	45.1	0.00188	0.00102	0.00000554	0.0064	0.00246	0.0495	0.0211	0.00000584	25.2	0.0000214	0.0011	0.000301	0.00139
2103 Aug	171	0.0707	0.158	0.00467	26.8	0.0482	44.3	0.00187	0.00102	0.00000557	0.00637	0.00244	0.0487	0.0208	0.00000587	24.9	0.0000209	0.00107	0.000294	0.00138
2103 Sep	169	0.0716	0.156	0.00462	26.4	0.0482	44	0.00185	0.00101	0.00000548	0.0063	0.0024	0.0484	0.0202	0.00000578	24.4	0.0000204	0.00106	0.000282	0.00136
2103 Oct	171	0.073	0.159	0.0047	26.3	0.0487	45.1	0.00184	0.000974	0.00000532	0.00614	0.00239	0.0495	0.019	0.00000564	23.7	0.0000199	0.00108	0.000264	0.00135
2103 Nov	172	0.0734	0.16	0.00473	26.3	0.0489	45.5	0.00184	0.000967	0.0000053	0.00611	0.00239	0.0498	0.0188	0.00000561	23.6	0.0000198	0.00108	0.00026	0.00135
2103 Dec	172	0.0735	0.16	0.00473	26.3	0.0489	45.5	0.00184	0.000967	0.0000053	0.00611	0.00239	0.0498	0.0188	0.00000561	23.6	0.0000198	0.00108	0.00026	0.00135
2104 Jan	172	0.0735	0.16	0.00473	26.3	0.0489	45.5	0.00184	0.000968	0.0000053	0.00611	0.00239	0.0498	0.0188	0.00000561	23.6	0.0000198	0.00108	0.00026	0.00135
2104 Feb	172	0.0736	0.16	0.00473	26.3	0.0489	45.5	0.00184	0.000968	0.0000053	0.00611	0.00239	0.0498	0.0188	0.00000561	23.6	0.0000198	0.00108	0.000261	0.00135
2104 Mar	172	0.0736	0.16	0.00473	26.3	0.049	45.5	0.00185	0.000968	0.0000053	0.00612	0.0024	0.0499	0.0188	0.00000562	23.6	0.0000198	0.00108	0.000261	0.00135
2104 Apr	173	0.0741	0.161	0.00476	26.5	0.0493	45.8	0.00186	0.000975	0.00000534	0.00616	0.00241	0.0502	0.0189	0.00000565	23.8	0.0000199	0.00109	0.000263	0.00136
2104 May	172	0.0747	0.159	0.00469	26.7	0.0486	45.2	0.00185	0.000982	0.00000537	0.00621	0.00243	0.0495	0.0202	0.00000568	24.6	0.0000202	0.00109	0.000285	0.00137
2104 Jun	178	0.0731	0.164	0.0048	27	0.0477	46.9	0.00185	0.000946	0.0000052	0.00592	0.00247	0.0508	0.0203	0.00000553	24.9	0.0000201	0.00113	0.000295	0.00137
2104 Jul	185	0.0754	0.171	0.005	27.9	0.0496	48.8	0.00192	0.000981	0.0000054	0.00613	0.00256	0.0529	0.0209	0.00000574	25.8	0.0000208	0.00117	0.000303	0.00142
2104 Aug	188	0.0768	0.173	0.00508	28.4	0.0507	49.6	0.00196	0.001	0.00000552	0.00627	0.00261	0.0538	0.0213	0.00000587	26.3	0.0000212	0.00119	0.000309	0.00145
2104 Sep	183	0.0759	0.168	0.00493	27.7	0.05	48.1	0.00192	0.000993	0.00000545	0.00622	0.00255	0.0523	0.021	0.00000578	25.7	0.0000207	0.00115	0.000301	0.00142
2104 Oct	177	0.0759	0.163	0.0048	27	0.0494	46.8	0.00188	0.000974	0.00000534	0.00615	0.00249	0.051	0.0203	0.00000567	25	0.0000202	0.00112	0.000289	0.00139
2104 Nov	177	0.0764	0.163	0.00481	27	0.0496	47	0.00188	0.000972	0.00000533	0.00616	0.00248	0.0512	0.0201	0.00000566	24.9	0.0000201	0.00113	0.000285	0.00139
2104 Dec	177	0.0765	0.163	0.00481	27	0.0496	47	0.00188	0.000972	0.00000533	0.00616	0.00248	0.0512	0.0202	0.00000566	24.9	0.0000201	0.00113	0.000285	0.00139
2105 Jan	177	0.0765	0.163	0.0048	27	0.0496	46.9	0.00188	0.000972	0.00000533	0.00616	0.00248	0.0512	0.0202	0.00000566	24.9	0.0000201	0.00113	0.000285	0.00139
2105 Feb	177	0.0765	0.163	0.0048	27	0.0496	46.9	0.00188	0.000972	0.00000533	0.00616	0.00248	0.0512	0.0202	0.00000566	25	0.0000201	0.00113	0.000285	0.00139
2105 Mar	177	0.0765	0.163	0.00481	27	0.0497	47	0.00188	0.000973	0.00000533	0.00616	0.00249	0.0512	0.0202	0.00000566	25	0.0000201	0.00113	0.000286	0.00139
2105 Apr	177	0.0768	0.163	0.00482	27.1	0.0498	47.1	0.00189	0.000976	0.00000535	0.00619	0.00249	0.0514	0.0203	0.00000568	25.1	0.0000202	0.00113	0.000287	0.0014
2105 May	177	0.0771	0.162	0.00478	27.2	0.0494	46.8	0.00188	0.000981	0.00000537	0.00622	0.00251	0.051	0.021	0.0000057	25.6	0.0000204	0.00113	0.0003	0.00141
2105 Jun	181	0.0773	0.165	0.00487	27.7	0.0495	48	0.00191	0.00098	0.00000538	0.00618	0.00256	0.0521	0.0217	0.00000571	26.2	0.0000207	0.00116	0.000314	0.00143
2105 Jul	187	0.0796	0.17	0.00502	28.6	0.0512	49.5	0.00197	0.00102	0.00000557	0.0064	0.00265	0.0537	0.0224	0.00000592	27.1	0.0000214	0.0012	0.000324	0.00148
2105 Aug	182	0.078	0.165	0.0049	28	0.0506	48.1	0.00193	0.00101	0.00000552	0.00633	0.00259	0.0524	0.022	0.00000585	26.6	0.0000208	0.00117	0.000316	0.00145
2105 Sep	179	0.0778	0.164	0.00488	27.4	0.0509	48.2	0.00192	0.000987	0.00000542	0.00622	0.00256	0.0525	0.021	0.00000575	25.8	0.0000202	0.00116	0.000298	0.00143
2105 Oct	181	0.0779	0.167	0.00495	27.3	0.0511	49.1	0.00192	0.000966	0.00000532	0.00611	0.00256	0.0534	0.0201	0.00000567	25.3	0.00002	0.00117	0.000285	0.00142
2105 Nov	182	0.0782	0.168	0.00498	27.2	0.0513	49.5	0.00192	0.000958	0.00000529	0.00608	0.00256	0.0538	0.0197	0.00000564	25.1	0.0000199	0.00118	0.000279	0.00141
2105 Dec	182	0.0782	0.168	0.00498	27.2	0.0513	49.5	0.00192	0.000959	0.00000529	0.00608	0.00256	0.0538	0.0197	0.00000564	25.1	0.0000199	0.00118	0.000279	0.00141
2106 Jan	182	0.0783	0.168	0.00498	27.2	0.0514	49.5	0.00192	0.000959	0.00000529	0.00608	0.00256	0.0538	0.0197	0.00000564	25.1	0.0000199	0.00118	0.000279	0.00141
2106 Feb	182	0.0783	0.168	0.00498	27.2	0.0514	49.5	0.00192	0.000959	0.00000529	0.00608	0.00256	0.0538	0.0198	0.00000564	25.1	0.0000199	0.00118	0.000279	0.00141
2106 Mar	182	0.0783	0.168	0.00498	27.2	0.0514	49.5	0.00192	0.000959	0.00000529	0.00608	0.00256	0.0538	0.0198	0.00000564	25.2	0.0000199	0.00118	0.000279	0.00141
2106 Apr	183	0.0787	0.169	0.005	27.4	0.0516	49.7	0.00193	0.000964	0.00000532	0.00611	0.00257	0.0541	0.0199	0.00000567	25.3	0.00002	0.00118	0.000281	0.00142
2106 May	184	0.0797	0.169	0.00503	27.7	0.052	49.9	0.00195	0.000978	0.00000539	0.0062	0.0026	0.0543	0.0204	0.00000574	25.7	0.0000203	0.00119	0.000289	0.00144
2106 Jun	182	0.0737	0.168	0.00498	26.8	0.0497	49.8	0.00192	0.000945	0.00000523	0.006	0.00257	0.0541	0.0198	0.00000558	25.2	0.0000205	0.00119	0.000287	0.0014
2106 Jul	192	0.0755	0.178	0.00529	27.9	0.0523	53.1	0.00203	0.000984	0.00000545	0.00623	0.0027	0.0576	0.02	0.00000584	26	0.0000214	0.00127	0.000289	0.00146
2106 Aug	187	0.0735	0.172	0.00514	27.2	0.052	51.3	0.002	0.000988	0.00000545	0.0062	0.00264	0.0559	0.0198	0.00000582	25.5	0.0000208	0.00123	0.000282	0.00144
2106 Sep	180	0.0723	0.166	0.005	26.5	0.0516	50	0.00196	0.000972	0.00000536	0.00609	0.00258	0.0548	0.0192	0.00000572	24.9	0.0000201	0.0012	0.00027	0.0014
2106 Oct	180	0.0728	0.167	0.00502	26.5	0.0519	50.4	0.00196	0.000969	0.00000535	0.00608	0.00259	0.0551	0.0191	0.00000571	24.8	0.00002	0.0012	0.000267	0.00141
2106 Nov	180	0.0731	0.167	0.00503	26.6	0.052	50.4	0.00197	0.000972	0.00000536	0.0061	0.0026	0.0552	0.0191	0.00000573	24.9	0.0000201	0.00121	0.000268	0.00141
2106 Dec	180	0.0731	0.167	0.00503	26.6	0.052	50.4	0.00197	0.000972	0.00000536	0.00611	0.0026	0.0552	0.0191	0.00000573	24.9	0.0000201	0.00121	0.000268	0.00141
2107 Jan	180	0.0731	0.167	0.00502	26.6	0.052	50.4	0.00197	0.000972	0.00000536	0.00611	0.0026	0.0552	0.0191	0.00000573	24.9	0.0000201	0.00121	0.000268	0.00141
2107 Feb	180	0.0731	0.167	0.00503	26.6	0.052	50.5	0.00197	0.000972	0.00000537	0.00611	0.0026	0.0552	0.0191	0.00000573	24.9	0.0000201	0.00121	0.000268	0.00141
2107 Mar	181	0.0732	0.167	0.00503	26.6	0.0521	50.5	0.00197	0.000973	0.00000537	0.00612	0.0026	0.0553	0.0192	0.00000574	24.9	0.0000201	0.00121	0.000268	0.00141
2107 Apr	181	0.0734	0.168	0.00504	26.7	0.0522	50.6	0.00197	0.000976	0.00000538	0.00613	0.00261	0.0554	0.0192	0.00000575	25	0.0000202	0.00121	0.000269	0.00141
2107 May	181	0.0738	0.167	0.00501	26.8	0.0518	50.4	0.00197	0.000979	0.00000539	0.00615	0.00262	0.0551	0.0199	0.00000576	25.5	0.0000204	0.00121	0.000282	0.00142
2107 Jun	184	0.0743	0.168	0.00503	27.3	0.0509	51.1	0.00198	0.000969	0.00000535	0.00609	0.00268	0.0555	0.0214	0.00000572	26.7	0.0000208	0.00124	0.000312	0.00145
2107 Jul	186	0.0753	0.17	0.0051	27.7	0.0518	51.8	0.00201	0.000991	0.00000547	0.00621	0.00272	0.0562	0.0218	0.00000584	27.1	0.0000211	0.00125	0.000317	0.00147
2107 Aug	192	0.0777	0.175	0.00526	28.6	0.0537	53.4	0.00208	0.00103	0.00000566	0.00643	0.00281	0.058	0.0225	0.00000605	28	0.0000218	0.00129	0.000327	0.00152
2107 Sep	192	0.0786	0.175	0.00526	28.7	0.054	53.4	0.00209	0.00104	0.0000057	0.0065	0.00282	0.0581	0.0226	0.00000609	28.1	0.0000219	0.00129	0.000328	0.00153
2107 Oct	189	0.0783	0.172	0.00517	28.3	0.0534	52.3	0.00205	0.00103	0.00000565	0.00647	0.00277	0.057	0.0224	0.00000602	27.7	0.0000216	0.00127	0.000323	0.00151
2107 Nov	188	0.0783	0.17	0.00512	28.1	0.0532	51.8	0.00204	0.00102	0.00000562	0.00646	0.00275	0.0565	0.0223	0.000006	27.5	0.0000215	0.00126	0.00032	0.0015
2107 Dec	187	0.0784	0.17	0.00512	28.1	0.0532	51.8	0.00204	0.00102	0.00000563	0.00647	0.00275	0.0565	0.0223	0.000006	27.5	0.0000215	0.00126	0.00032	0.0015
2108 Jan	187	0.0784	0.17	0.00512	28.1	0.0532	51.8	0.00204	0.00102	0.00000563	0.00647	0.00275	0.0565	0.0223	0.000006	27.5	0.0000215	0.00126	0.00032	0.0015

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	187	0.0784	0.17	0.00512	28.1	0.0532	51.8	0.00204	0.00102	0.00000563	0.00647	0.00275	0.0565	0.0223	0.000006	27.5	0.0000215	0.00126	0.00032	0.0015
2108 Mar	188	0.0785	0.17	0.00512	28.1	0.0533	51.8	0.00204	0.00102	0.00000563	0.00648	0.00276	0.0565	0.0223	0.00000601	27.6	0.0000215	0.00126	0.000321	0.00151
2108 Apr	189	0.0793	0.171	0.00517	28.4	0.0538	52.3	0.00206	0.00103	0.00000569	0.00654	0.00278	0.057	0.0225	0.00000606	27.8	0.0000217	0.00127	0.000324	0.00152
2108 May	193	0.0808	0.175	0.00527	28.9	0.0549	53.4	0.0021	0.00105	0.0000058	0.00667	0.00284	0.0582	0.023	0.00000618	28.4	0.0000222	0.0013	0.000331	0.00155
2108 Jun	177	0.0732	0.158	0.00484	26.5	0.051	48.4	0.00198	0.00103	0.00000564	0.00663	0.00263	0.0534	0.0216	0.00000599	26.4	0.000022	0.00119	0.000306	0.00145
2108 Jul	184	0.076	0.165	0.00505	27.6	0.0533	50.5	0.00208	0.00109	0.00000593	0.00698	0.00275	0.0558	0.0225	0.00000629	27.5	0.0000231	0.00124	0.000318	0.00151
2108 Aug	194	0.0803	0.174	0.00533	29.2	0.0563	53.3	0.00219	0.00115	0.00000626	0.00737	0.00291	0.0589	0.0238	0.00000664	29.1	0.0000244	0.00131	0.000336	0.00159
2108 Sep	195	0.0811	0.175	0.00536	29.3	0.0568	53.5	0.00221	0.00116	0.00000631	0.00744	0.00292	0.0592	0.024	0.0000067	29.3	0.0000246	0.00132	0.000338	0.00161
2108 Oct	181	0.0795	0.16	0.00495	27.4	0.0541	49.2	0.00206	0.00111	0.00000601	0.00721	0.00273	0.0547	0.0227	0.00000636	27.5	0.0000232	0.00121	0.000315	0.00152
2108 Nov	178	0.0798	0.157	0.00487	27.1	0.0538	48.3	0.00204	0.0011	0.00000597	0.00721	0.00269	0.0539	0.0226	0.00000632	27.2	0.000023	0.00119	0.000311	0.0015
2108 Dec	178	0.0799	0.157	0.00487	27.1	0.0538	48.3	0.00204	0.0011	0.00000597	0.00721	0.00269	0.0539	0.0226	0.00000632	27.2	0.000023	0.00119	0.000311	0.0015
2109 Jan	178	0.0799	0.157	0.00487	27.1	0.0538	48.3	0.00204	0.0011	0.00000597	0.00721	0.00269	0.0539	0.0226	0.00000632	27.3	0.000023	0.00119	0.000311	0.0015
2109 Feb	178	0.0799	0.157	0.00487	27.2	0.0538	48.3	0.00204	0.0011	0.00000598	0.00722	0.00269	0.0539	0.0226	0.00000632	27.3	0.000023	0.00119	0.000312	0.0015
2109 Mar	179	0.08	0.157	0.00488	27.2	0.0538	48.4	0.00204	0.0011	0.00000598	0.00722	0.0027	0.0539	0.0226	0.00000633	27.3	0.000023	0.0012	0.000312	0.00151
2109 Apr	180	0.0805	0.158	0.00491	27.4	0.0542	48.7	0.00206	0.00111	0.00000602	0.00727	0.00271	0.0543	0.0228	0.00000637	27.5	0.0000232	0.0012	0.000314	0.00152
2109 May	177	0.0805	0.154	0.00479	27.3	0.0531	47.6	0.00203	0.00111	0.000006	0.00727	0.0027	0.053	0.0237	0.00000635	28	0.0000232	0.00119	0.000331	0.00152
2109 Jun	175	0.0801	0.151	0.00468	27.4	0.0517	46.8	0.002	0.0011	0.00000594	0.00718	0.00271	0.0519	0.025	0.00000628	28.7	0.0000233	0.00118	0.000356	0.00152
2109 Jul	177	0.0808	0.152	0.00473	27.7	0.0528	47.1	0.00204	0.00113	0.00000608	0.00733	0.00275	0.0524	0.0254	0.00000642	29.1	0.0000235	0.00119	0.00036	0.00155
2109 Aug	178	0.0813	0.152	0.00477	28	0.0541	47.3	0.00207	0.00116	0.00000625	0.00749	0.00279	0.0528	0.0259	0.00000659	29.5	0.0000237	0.0012	0.000364	0.00158
2109 Sep	174	0.0814	0.149	0.00467	27.6	0.0537	46.3	0.00204	0.00115	0.00000619	0.00746	0.00274	0.0517	0.0255	0.00000652	29.1	0.0000234	0.00117	0.000356	0.00155
2109 Oct	167	0.0809	0.145	0.00456	26.5	0.0529	45.7	0.00198	0.00109	0.00000591	0.00718	0.00265	0.0511	0.0237	0.00000624	27.6	0.0000223	0.00115	0.000327	0.0015
2109 Nov	168	0.0813	0.146	0.00458	26.5	0.0531	45.9	0.00199	0.00109	0.00000591	0.00719	0.00265	0.0513	0.0236	0.00000624	27.6	0.0000223	0.00115	0.000325	0.0015
2109 Dec	168	0.0814	0.146	0.00458	26.5	0.0531	46	0.00199	0.00109	0.00000591	0.00719	0.00265	0.0513	0.0236	0.00000624	27.6	0.0000223	0.00115	0.000325	0.0015
2110 Jan	168	0.0814	0.146	0.00458	26.5	0.0531	46	0.00199	0.00109	0.00000591	0.0072	0.00266	0.0513	0.0236	0.00000624	27.6	0.0000223	0.00115	0.000325	0.0015
2110 Feb	168	0.0815	0.146	0.00458	26.5	0.0531	46	0.00199	0.00109	0.00000591	0.0072	0.00266	0.0513	0.0236	0.00000625	27.6	0.0000223	0.00115	0.000325	0.0015
2110 Mar	168	0.0815	0.146	0.00458	26.5	0.0532	46	0.00199	0.0011	0.00000592	0.0072	0.00266	0.0514	0.0237	0.00000625	27.6	0.0000223	0.00115	0.000326	0.0015
2110 Apr	168	0.0818	0.146	0.0046	26.6	0.0534	46.2	0.002	0.0011	0.00000594	0.00723	0.00267	0.0516	0.0237	0.00000627	27.7	0.0000224	0.00116	0.000327	0.00151
2110 May	170	0.0825	0.147	0.00462	26.9	0.0536	46.4	0.00201	0.00111	0.00000598	0.00728	0.00269	0.0517	0.0242	0.00000632	28.1	0.0000226	0.00116	0.000334	0.00152
2110 Jun	172	0.0776	0.154	0.00474	26.9	0.0513	49.2	0.002	0.00103	0.00000561	0.00666	0.00274	0.054	0.0238	0.00000597	28.3	0.0000222	0.00123	0.000346	0.0015
2110 Jul	179	0.0798	0.161	0.00495	27.8	0.0532	51.4	0.00208	0.00106	0.00000578	0.00685	0.00284	0.0563	0.0243	0.00000616	29.1	0.0000229	0.00128	0.000353	0.00155
2110 Aug	173	0.073	0.157	0.00489	26.3	0.0533	50.8	0.00203	0.00102	0.00000557	0.00639	0.00275	0.0559	0.0218	0.00000595	27	0.0000208	0.00125	0.000309	0.00148
2110 Sep	177	0.0745	0.162	0.005	26	0.0539	52.4	0.00203	0.000975	0.00000538	0.00622	0.00273	0.0574	0.0202	0.00000578	26.1	0.0000203	0.00127	0.000283	0.00146
2110 Oct	181	0.0764	0.166	0.00514	25.9	0.0546	54.3	0.00204	0.000944	0.00000525	0.00611	0.00275	0.0593	0.0189	0.00000566	25.6	0.0000201	0.0013	0.000265	0.00145
2110 Nov	182	0.0766	0.167	0.00517	25.9	0.0547	54.7	0.00205	0.000937	0.00000522	0.00608	0.00275	0.0596	0.0187	0.00000564	25.4	0.0000201	0.00131	0.000261	0.00145
2110 Dec	182	0.0767	0.167	0.00517	25.9	0.0547	54.7	0.00204	0.000937	0.00000522	0.00609	0.00275	0.0596	0.0187	0.00000564	25.4	0.0000201	0.0013	0.000261	0.00145
2111 Jan	182	0.0767	0.167	0.00517	25.9	0.0548	54.7	0.00204	0.000938	0.00000522	0.00609	0.00275	0.0596	0.0187	0.00000564	25.4	0.0000201	0.0013	0.000262	0.00145
2111 Feb	182	0.0767	0.167	0.00517	25.9	0.0548	54.7	0.00205	0.000938	0.00000522	0.00609	0.00275	0.0596	0.0187	0.00000564	25.5	0.0000201	0.0013	0.000262	0.00145
2111 Mar	182	0.0769	0.168	0.00518	25.9	0.0548	54.8	0.00205	0.000939	0.00000523	0.0061	0.00275	0.0597	0.0188	0.00000565	25.5	0.0000201	0.00131	0.000262	0.00145
2111 Apr	184	0.0774	0.169	0.00521	26.1	0.0552	55.2	0.00206	0.000946	0.00000527	0.00614	0.00277	0.0601	0.0189	0.00000569	25.7	0.0000203	0.00132	0.000264	0.00146
2111 May	184	0.0782	0.168	0.00521	26.4	0.0552	55.1	0.00207	0.000959	0.00000533	0.00622	0.0028	0.06	0.0197	0.00000575	26.3	0.0000206	0.00132	0.000278	0.00148
2111 Jun	185	0.0765	0.166	0.00513	26.6	0.053	54.8	0.00205	0.000947	0.00000527	0.00613	0.00283	0.0594	0.0214	0.00000568	27.4	0.0000211	0.00133	0.000313	0.00149
2111 Jul	195	0.0807	0.176	0.00543	28.1	0.0561	58	0.00217	0.001	0.00000557	0.00649	0.00299	0.0628	0.0225	0.00000601	29	0.0000223	0.00141	0.00033	0.00157
2111 Aug	187	0.0778	0.167	0.00519	27.1	0.0552	55.1	0.00211	0.000996	0.00000551	0.00639	0.00289	0.0601	0.022	0.00000593	28	0.0000214	0.00134	0.000316	0.00153
2111 Sep	182	0.0769	0.163	0.00508	26.6	0.0549	53.8	0.00208	0.000993	0.00000548	0.00636	0.00283	0.0589	0.0217	0.00000589	27.6	0.0000209	0.00131	0.000308	0.00151
2111 Oct	181	0.0768	0.163	0.0051	26.2	0.0549	54.4	0.00207	0.000968	0.00000537	0.00624	0.00282	0.0595	0.0207	0.00000578	27	0.0000206	0.00132	0.000294	0.00149
2111 Nov	182	0.0774	0.165	0.00514	26.1	0.0552	55.1	0.00207	0.000953	0.0000053	0.00619	0.00282	0.0602	0.0201	0.00000572	26.6	0.0000204	0.00133	0.000283	0.00148
2111 Dec	182	0.0775	0.165	0.00514	26.1	0.0552	55.1	0.00207	0.000954	0.0000053	0.0062	0.00282	0.0602	0.02	0.00000572	26.6	0.0000204	0.00133	0.000283	0.00148
2112 Jan	182	0.0776	0.164	0.00514	26.1	0.0552	55.1	0.00207	0.000954	0.0000053	0.0062	0.00282	0.0602	0.0201	0.00000572	26.6	0.0000205	0.00133	0.000283	0.00148
2112 Feb	182	0.0776	0.165	0.00514	26.1	0.0552	55.1	0.00207	0.000954	0.0000053	0.0062	0.00282	0.0602	0.0201	0.00000573	26.6	0.0000205	0.00133	0.000284	0.00148
2112 Mar	182	0.0778	0.165	0.00515	26.1	0.0553	55.2	0.00208	0.000956	0.00000531	0.00621	0.00282	0.0603	0.0201	0.00000574	26.7	0.0000205	0.00133	0.000284	0.00148
2112 Apr	183	0.0782	0.166	0.00518	26.3	0.0556	55.5	0.00209	0.000962	0.00000535	0.00625	0.00284	0.0606	0.0203	0.00000577	26.9	0.0000206	0.00134	0.000286	0.00149
2112 May	183	0.0787	0.165	0.00515	26.5	0.0553	55.3	0.00209	0.000971	0.00000539	0.00631	0.00286	0.0603	0.0212	0.00000581	27.5	0.000021	0.00134	0.000303	0.00151
2112 Jun	189	0.0739	0.169	0.00525	26.3	0.0529	57.1	0.00208	0.000917	0.00000514	0.00595	0.00289	0.0617	0.0209	0.00000558	27.5	0.0000212	0.00138	0.000312	0.00149
2112 Jul	195	0.0749	0.175	0.00544	26.9	0.0546	59.1	0.00215	0.000944	0.00000529	0.00613	0.00298	0.0639	0.0211	0.00000575	28.1	0.0000219	0.00143	0.000314	0.00153
2112 Aug	201	0.0773	0.179	0.0056	27.7	0.0564	60.7	0.00222	0.000978	0.00000548	0.00634	0.00307	0.0657	0.0218	0.00000595	28.9	0.0000225	0.00147	0.000323	0.00157
2112 Sep	199	0.0772	0.177	0.00553	27.5	0.0563	59.9	0.0022	0.000979	0.00000547	0.00635	0.00304	0.065	0.0217	0.00000594	28.7	0.0000223	0.00145	0.00032	0.00156
2112 Oct	196	0.0771	0.174	0.00545	27.2	0.0558	59	0.00218	0.000973	0.00000544	0.00633	0.003	0.064	0.0215	0.00000589	28.4	0.0000221	0.00143	0.000316	0.00155
2112 Nov	195	0.0774	0.173	0.00543	27.1	0.0558	58.7	0.00217	0.000974	0.00000544	0.00635	0.00299	0.0637	0.0215	0.00000589	28.4	0.0000221	0.00142	0.000315	0.00155
2112 Dec	195	0.0774	0.173	0.00543	27.1	0.0558	58.7	0.00217	0.000975	0.00000544	0.00636	0.00299	0.0637	0.0216	0.00000589	28.4	0.0000221	0.00142	0.000315	0.00155
2113 Jan	195	0.0775	0.173	0.00543	27.1	0.0558	58.7	0.00217	0.000975	0.00000544	0.00636	0.00299	0.0637	0.0216	0.00000589	28.4	0.0000221	0.00142	0.000315	0.00155
2113 Feb	195	0.0775	0.173	0.00543	27.1	0.0558	58.7	0.00217	0.000975	0.00000544	0.00636	0.00299	0.0637	0.0216	0.00000589	28.4	0.0000221	0.00142	0.000315	0.00155
2113 Mar	196	0.0777	0.174	0.00544	27.2	0.056	58.9	0.00218	0.000978	0.00000546	0.00638	0.003	0.0639	0.0216	0.00000591	28.5	0.0000222	0.00143	0.000317	0.00155
2113 Apr	197	0.0782	0.175	0.00548	27.4	0.0563	59.2	0.00219	0.000984	0.00000549	0.00642	0.00302	0.0643	0.0218	0.00000595	28.7	0.0000223	0.00144	0.000318	0.00156
2113 May	196	0.0787	0.173	0.00542	27.5	0.056	58.6	0.00218	0.000994	0.00000553	0.00649	0.00302	0.0636	0.0226	0.00000598	29.1	0.0000225	0.00143	0.000331	0.00157
2113 Jun	190	0.0767	0.168	0.00527	27.1	0.0541	57.7	0.00215	0.000971	0.00000541	0.00633	0.003	0.0624	0.0232	0.00000585	29.4	0.0000224	0.00142	0.000346	0.00155
2113 Jul	198	0.0796	0.175	0.00549	28.2	0.0564	60	0.00224	0.00101	0.00000564	0.00659	0.00313	0.065	0.024	0.0000061	30.5	0.0000233	0.00148	0.000359	0.00162
2113 Aug	203	0.0816	0.179	0.00562	28.9	0.058	61.4	0.0023	0.00104	0.00000581	0.00679	0.00321	0.0666	0.0247	0.00000628	31.3	0.0000239	0.00151	0.000368	0.00166
2113 Sep	198	0.0813	0.174	0.00548	28.3	0.0572	59.7	0.00225	0.00103	0.00000574	0.00676	0.00314	0.0648	0.0243	0.0000062	30.7	0.0000235	0.00147	0.000359	0.00163
2113 Oct	186	0.0801	0.163	0.00519	26.6	0.0555	56.8	0.00214	0.000982	0.00000545	0.00653	0.00296	0.0619	0.0224	0.00000589	28.7	0.0000222	0.00139	0.000324	0.00155
2113 Nov	186	0.0806	0.164	0.00521	26.5	0.0558	57	0.00214	0.000976	0.00000542	0.00651	0.00296	0.0622	0.0219	0.00000587	28.5	0.000022	0.0014	0.000317	0.00154
2113 Dec	186	0.0807	0.164	0.00521	26.5	0.0558	57	0.00214	0.000976	0.00000542	0.00652	0.00296	0.0621	0.0219	0.00000587	28.4	0.0000221	0.00139	0.000317	0.00154
2114 Jan	186	0.0808	0.164	0.0052	26.5	0.0558	57	0.00214	0.000976	0.00000543	0.00652	0.00296	0.0621	0.0219	0.00000587	28.5	0.0000221	0.00139	0.000317	0.00154
2114 Feb	186	0.0808	0.164	0.0052	26.5	0.0558	57	0.00214	0.000977	0.00000543	0.00652	0.00296	0.0621	0.022	0.00000587	28.5	0.0000221	0.00139	0.000317	0.00154
2114 Mar	186	0.0809	0.164	0.00521	26.5	0.0559	57.1	0.00215	0.000978	0.00000543	0.00653	0.00296	0.0622	0.022	0.00000588	28.5	0.0000221	0.0014	0.000318	0.00155
2114 Apr	187	0.0812	0.165	0.00523	26.6	0.0561	57.3	0.00215	0.000982	0.00000546	0.00656	0.00298	0.0625	0.0221	0.0000059	28.6	0.0000222	0.0014	0.000319	0.00155
2114 May	187	0.0809	0.164	0.00521	26.8	0.0555	57.2	0.00215	0.000982	0.00000545	0.00654	0.00299	0.0622	0.0228	0.0000059	29.1	0.0000224	0.00141	0.000333	0.00156
2114 Jun	193	0.0817	0.168	0.00534	27.6	0.056	59	0.0022	0.000994	0.00000553	0.0066	0.00309	0.0639	0.024	0.00000599	30.3	0.0000231	0.00146	0.000356	0.0016

Appendix D.2-6: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	204	0.0865	0.178	0.00566	29.2	0.0594	62.5	0.00233	0.00106	0.00000587	0.00701	0.00328	0.0677	0.0254	0.00000636	32.2	0.0000245	0.00154	0.000377	0.0017
2114 Aug	216	0.0916	0.189	0.00599	30.9	0.0629	66.2	0.00247	0.00112	0.00000622	0.00743	0.00347	0.0717	0.0269	0.00000674	34.1	0.0000259	0.00163	0.0004	0.0018
2114 Sep	210	0.0906	0.182	0.00581	30.2	0.0618	64	0.00241	0.0011	0.00000613	0.00735	0.00338	0.0695	0.0264	0.00000663	33.3	0.0000253	0.00158	0.000389	0.00176
2114 Oct	199	0.0891	0.171	0.00549	28.8	0.0596	60.2	0.0023	0.00107	0.00000593	0.00721	0.00321	0.0656	0.0254	0.0000064	31.8	0.0000243	0.00149	0.000369	0.00169
2114 Nov	189	0.0881	0.162	0.00521	27.6	0.0578	57	0.0022	0.00105	0.00000577	0.0071	0.00306	0.0623	0.0246	0.00000621	30.5	0.0000234	0.00141	0.000353	0.00163
2114 Dec	189	0.0882	0.161	0.00519	27.5	0.0577	56.7	0.0022	0.00105	0.00000577	0.0071	0.00305	0.062	0.0245	0.0000062	30.4	0.0000234	0.00141	0.000352	0.00162
2115 Jan	189	0.0882	0.161	0.00518	27.5	0.0577	56.7	0.00219	0.00105	0.00000577	0.00711	0.00305	0.062	0.0245	0.0000062	30.5	0.0000234	0.00141	0.000352	0.00162
2115 Feb	189	0.0882	0.161	0.00518	27.5	0.0577	56.7	0.00219	0.00105	0.00000577	0.00711	0.00305	0.062	0.0245	0.00000621	30.5	0.0000234	0.00141	0.000352	0.00162
2115 Mar	189	0.0883	0.161	0.00519	27.5	0.0578	56.7	0.0022	0.00105	0.00000577	0.00711	0.00306	0.062	0.0246	0.00000621	30.5	0.0000234	0.00141	0.000353	0.00162
2115 Apr	190	0.0888	0.162	0.00522	27.7	0.0581	57	0.00221	0.00105	0.0000058	0.00715	0.00307	0.0624	0.0247	0.00000625	30.7	0.0000235	0.00141	0.000355	0.00163
2115 May	188	0.088	0.159	0.00514	27.6	0.0572	56.3	0.00219	0.00105	0.00000577	0.00711	0.00306	0.0615	0.0251	0.00000621	30.8	0.0000235	0.0014	0.000363	0.00163
2115 Jun	192	0.0895	0.163	0.00524	28.3	0.0581	57.6	0.00224	0.00107	0.00000591	0.00726	0.00315	0.0629	0.0263	0.00000635	31.9	0.0000242	0.00144	0.000382	0.00167
2115 Jul	201	0.0937	0.17	0.00549	29.7	0.0609	60.3	0.00235	0.00113	0.0000062	0.00761	0.0033	0.0659	0.0275	0.00000667	33.5	0.0000254	0.00151	0.0004	0.00175
2115 Aug	194	0.0908	0.163	0.0053	28.7	0.0596	58	0.00228	0.00111	0.00000608	0.00745	0.00319	0.0635	0.0268	0.00000653	32.5	0.0000245	0.00145	0.000387	0.0017
2115 Sep	191	0.0903	0.161	0.00522	28.5	0.0594	57	0.00226	0.00111	0.00000608	0.00744	0.00316	0.0626	0.0266	0.00000652	32.2	0.0000242	0.00143	0.000382	0.00169
2115 Oct	190	0.0903	0.16	0.0052	28.4	0.0593	56.7	0.00225	0.00111	0.00000607	0.00744	0.00315	0.0624	0.0266	0.0000065	32.1	0.0000241	0.00142	0.00038	0.00168
2115 Nov	186	0.0895	0.156	0.00508	27.8	0.0584	55.4	0.00221	0.00109	0.00000598	0.00736	0.00308	0.061	0.0261	0.00000641	31.5	0.0000237	0.00139	0.000373	0.00165
2115 Dec	186	0.0896	0.155	0.00506	27.8	0.0584	55.2	0.0022	0.00109	0.00000598	0.00737	0.00307	0.0607	0.0261	0.0000064	31.4	0.0000237	0.00139	0.000372	0.00165
2116 Jan	186	0.0897	0.155	0.00506	27.8	0.0584	55.1	0.0022	0.00109	0.00000598	0.00737	0.00307	0.0607	0.0261	0.0000064	31.4	0.0000237	0.00138	0.000372	0.00165
2116 Feb	186	0.0897	0.155	0.00506	27.8	0.0584	55.1	0.0022	0.00109	0.00000598	0.00737	0.00307	0.0607	0.0261	0.0000064	31.4	0.0000237	0.00139	0.000372	0.00165
2116 Mar	186	0.0898	0.155	0.00507	27.8	0.0584	55.2	0.00221	0.00109	0.00000598	0.00738	0.00308	0.0608	0.0262	0.00000641	31.5	0.0000237	0.00139	0.000373	0.00165
2116 Apr	187	0.0903	0.156	0.00509	28	0.0587	55.5	0.00222	0.0011	0.00000602	0.00742	0.00309	0.0611	0.0263	0.00000644	31.7	0.0000238	0.00139	0.000375	0.00166
2116 May	186	0.0902	0.155	0.00506	28.1	0.0583	55.1	0.00221	0.0011	0.00000603	0.00744	0.0031	0.0607	0.0269	0.00000645	32	0.000024	0.00139	0.000385	0.00167
2116 Jun	187	0.0811	0.161	0.0052	27	0.0558	58.1	0.0022	0.00101	0.00000559	0.00675	0.0031	0.0633	0.0247	0.00000605	30.8	0.0000234	0.00145	0.000365	0.00161
2116 Jul	200	0.0851	0.172	0.00557	28.6	0.0593	62.3	0.00234	0.00106	0.00000589	0.00709	0.00329	0.0677	0.0257	0.00000638	32.3	0.0000247	0.00155	0.00038	0.0017
2116 Aug	209	0.0889	0.18	0.00581	29.8	0.0619	65	0.00245	0.00111	0.00000616	0.00741	0.00344	0.0707	0.0268	0.00000667	33.8	0.0000258	0.00162	0.000397	0.00177
2116 Sep	196	0.0877	0.167	0.00544	28.3	0.0597	60.6	0.00232	0.00108	0.00000596	0.00728	0.00325	0.0662	0.0257	0.00000643	32.1	0.0000247	0.00151	0.000374	0.00169
2116 Oct	185	0.0865	0.157	0.00514	26.9	0.0578	57.2	0.00221	0.00104	0.00000574	0.00712	0.00308	0.0627	0.0244	0.00000619	30.5	0.0000235	0.00142	0.00035	0.00162
2116 Nov	185	0.0867	0.157	0.00515	26.9	0.0579	57.3	0.00222	0.00104	0.00000574	0.00712	0.00308	0.0629	0.0243	0.00000619	30.5	0.0000235	0.00143	0.000348	0.00162
2116 Dec	185	0.0867	0.157	0.00515	26.9	0.0579	57.3	0.00221	0.00104	0.00000574	0.00712	0.00308	0.0629	0.0243	0.00000619	30.5	0.0000235	0.00143	0.000348	0.00162
2117 Jan	185	0.0867	0.157	0.00515	26.9	0.0579	57.3	0.00221	0.00104	0.00000574	0.00712	0.00308	0.0628	0.0243	0.00000619	30.5	0.0000235	0.00143	0.000348	0.00162
2117 Feb	185	0.0867	0.157	0.00515	26.9	0.0579	57.3	0.00221	0.00104	0.00000574	0.00713	0.00308	0.0628	0.0243	0.00000619	30.5	0.0000235	0.00143	0.000348	0.00162
2117 Mar	185	0.0868	0.157	0.00515	26.9	0.058	57.3	0.00222	0.00104	0.00000575	0.00713	0.00309	0.0629	0.0244	0.0000062	30.5	0.0000236	0.00143	0.000349	0.00162
2117 Apr	186	0.0874	0.158	0.00519	27.1	0.0584	57.7	0.00223	0.00105	0.00000579	0.00718	0.00311	0.0633	0.0245	0.00000624	30.7	0.0000237	0.00144	0.000351	0.00163
2117 May	187	0.0879	0.158	0.00518	27.3	0.0584	57.7	0.00224	0.00106	0.00000583	0.00724	0.00313	0.0633	0.0251	0.00000628	31.1	0.000024	0.00144	0.000361	0.00164
2117 Jun	187	0.0871	0.159	0.0052	27.6	0.0579	58.3	0.00226	0.00106	0.00000583	0.0072	0.00317	0.0638	0.0259	0.00000629	31.9	0.0000243	0.00147	0.000379	0.00166
2117 Jul	197	0.0917	0.167	0.00548	29	0.0611	61.4	0.00238	0.00112	0.00000615	0.00759	0.00334	0.0671	0.0273	0.00000664	33.6	0.0000256	0.00154	0.000399	0.00175
2117 Aug	202	0.0941	0.171	0.00562	29.8	0.0628	62.9	0.00244	0.00115	0.00000633	0.00781	0.00343	0.0689	0.0281	0.00000683	34.5	0.0000262	0.00158	0.000409	0.0018
2117 Sep	204	0.0954	0.173	0.00567	30.1	0.0636	63.5	0.00247	0.00117	0.00000641	0.00792	0.00347	0.0695	0.0284	0.00000691	34.8	0.0000265	0.0016	0.000413	0.00182
2117 Oct	200	0.0947	0.169	0.00555	29.6	0.0627	62	0.00242	0.00115	0.00000633	0.00785	0.0034	0.068	0.028	0.00000682	34.2	0.0000261	0.00156	0.000405	0.00179
2117 Nov	198	0.0943	0.166	0.00548	29.3	0.0622	61.2	0.0024	0.00114	0.00000628	0.00781	0.00336	0.0671	0.0277	0.00000677	33.9	0.0000258	0.00154	0.0004	0.00177
2117 Dec	197	0.0943	0.166	0.00546	29.2	0.0621	60.9	0.00239	0.00114	0.00000627	0.00781	0.00335	0.0669	0.0277	0.00000675	33.8	0.0000258	0.00153	0.000399	0.00177
2118 Jan	197	0.0943	0.166	0.00545	29.2	0.062	60.9	0.00239	0.00114	0.00000627	0.00781	0.00335	0.0668	0.0277	0.00000675	33.8	0.0000258	0.00153	0.000399	0.00177
2118 Feb	197	0.0944	0.166	0.00545	29.2	0.062	60.9	0.00239	0.00114	0.00000627	0.00781	0.00335	0.0668	0.0277	0.00000675	33.8	0.0000258	0.00153	0.000399	0.00177
2118 Mar	197	0.0944	0.166	0.00546	29.2	0.0621	60.9	0.00239	0.00114	0.00000628	0.00781	0.00335	0.0669	0.0277	0.00000676	33.8	0.0000258	0.00153	0.0004	0.00177
2118 Apr	198	0.0949	0.166	0.00548	29.4	0.0623	61.1	0.0024	0.00115	0.0000063	0.00785	0.00336	0.0671	0.0278	0.00000679	34	0.0000259	0.00154	0.000402	0.00178
2118 May	189	0.0918	0.156	0.00516	28.6	0.0589	57.5	0.00229	0.00112	0.00000614	0.00765	0.00325	0.063	0.0285	0.00000659	33.7	0.0000254	0.00146	0.000416	0.00173
2118 Jun	190	0.0849	0.159	0.00519	27.7	0.0563	58.7	0.00224	0.00104	0.00000573	0.00701	0.0032	0.0637	0.0269	0.00000619	32.6	0.0000244	0.00148	0.000402	0.00166
2118 Jul	202	0.0902	0.169	0.00553	29.4	0.0599	62.5	0.00239	0.0011	0.00000609	0.00745	0.00341	0.0679	0.0286	0.00000659	34.7	0.0000259	0.00158	0.000427	0.00177
2118 Aug	197	0.0885	0.163	0.00537	28.8	0.0592	60.5	0.00233	0.0011	0.00000603	0.00737	0.00333	0.066	0.0281	0.00000651	33.9	0.0000252	0.00153	0.000415	0.00173
2118 Sep	185	0.0858	0.154	0.0051	27	0.0575	57.6	0.00223	0.00104	0.00000574	0.00708	0.00315	0.0631	0.0258	0.0000062	31.7	0.0000237	0.00145	0.000376	0.00164
2118 Oct	187	0.0852	0.158	0.00524	26.6	0.0581	59.4	0.00224	0.00101	0.0000056	0.0069	0.00315	0.0649	0.0242	0.00000608	30.8	0.0000233	0.00148	0.000351	0.00162
2118 Nov	188	0.0853	0.16	0.00528	26.6	0.0584	60	0.00225	0.001	0.00000557	0.00687	0.00315	0.0655	0.0238	0.00000605	30.6	0.0000232	0.00149	0.000344	0.00162
2118 Dec	188	0.0854	0.16	0.00528	26.6	0.0585	60	0.00225	0.001	0.00000557	0.00688	0.00315	0.0655	0.0238	0.00000605	30.6	0.0000232	0.00149	0.000344	0.00162
2119 Jan	188	0.0854	0.16	0.00527	26.6	0.0585	59.9	0.00225	0.001	0.00000557	0.00688	0.00315	0.0655	0.0238	0.00000605	30.6	0.0000232	0.00149	0.000344	0.00162
2119 Feb	188	0.0854	0.16	0.00527	26.6	0.0585	60	0.00225	0.001	0.00000558	0.00688	0.00315	0.0655	0.0238	0.00000606	30.6	0.0000232	0.00149	0.000345	0.00162
2119 Mar	189	0.0856	0.16	0.00528	26.6	0.0586	60.1	0.00225	0.00101	0.00000559	0.00689	0.00316	0.0656	0.0238	0.00000607	30.6	0.0000232	0.00149	0.000345	0.00163
2119 Apr	190	0.0865	0.161	0.00531	26.9	0.0589	60.4	0.00226	0.00101	0.00000563	0.00695	0.00319	0.0659	0.0242	0.00000611	31	0.0000234	0.0015	0.000351	0.00164
2119 May	191	0.0847	0.159	0.00524	27	0.0569	59.9	0.00222	0.000986	0.00000549	0.00671	0.00318	0.0649	0.0252	0.00000597	31.6	0.0000232	0.00149	0.000375	0.00163
2119 Jun	196	0.0832	0.164	0.0054	27.1	0.0572	61.8	0.00226	0.000977	0.00000546	0.00664	0.00323	0.0668	0.0247	0.00000595	31.5	0.0000234	0.00153	0.00037	0.00164
2119 Jul	206	0.0872	0.173	0.00567	28.4	0.0602	64.8	0.00238	0.00103	0.00000578	0.00703	0.00339	0.0701	0.026	0.00000629	33.1	0.0000248	0.00161	0.000389	0.00172
2119 Aug	209	0.0888	0.174	0.00574	28.9	0.0615	65.5	0.00242	0.00106	0.00000592	0.00719	0.00344	0.071	0.0265	0.00000644	33.7	0.0000251	0.00163	0.000394	0.00175
2119 Sep	200	0.0868	0.166	0.00548	27.8	0.0598	62.4	0.00233	0.00104	0.00000577	0.00704	0.0033	0.0678	0.0257	0.00000627	32.4	0.0000241	0.00155	0.000378	0.00169
2119 Oct	194	0.0858	0.162	0.00536	27.1	0.059	61.1	0.00228	0.00102	0.00000565	0.00694	0.00323	0.0666	0.0248	0.00000614	31.6	0.0000236	0.00152	0.000363	0.00166
2119 Nov	192	0.0857	0.161	0.00536	26.8	0.0592	61.4	0.00228	0.00101	0.0000056	0.00689	0.00322	0.0669	0.0242	0.00000609	31.2	0.0000234	0.00152	0.000352	0.00165
2119 Dec	192	0.0858	0.161	0.00536	26.8	0.0592	61.3	0.00228	0.00101	0.0000056	0.0069	0.00322	0.0668	0.0242	0.00000609	31.1	0.0000234	0.00152	0.000352	0.00164

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0379	0.00000861	0.816	1.17	0.00945	0.000157	2.56	0.000873	0.0409	0.0000244	0.000023	0.0000378	0.0483	0.00000172	0.0000495	0.000188	0.00103	0
Operation (2026-2036): Mean	0.0506	0.00001	1.12	1.82	0.0195	0.000388	3.97	0.00106	0.0529	0.000119	0.000105	0.0000483	0.0742	0.000002	0.000073	0.000378	0.00148	0
Operation (2026-2036): Max	0.101	0.0000125	1.92	3.84	0.0811	0.000573	6.71	0.00173	0.0647	0.00068	0.00024	0.000109	0.151	0.00000249	0.0000883	0.00107	0.00233	0
Active Closure (2037-2043): Min	0.0454	0.00000897	1.07	1.69	0.0116	0.000193	3.92	0.000985	0.0498	0.0000412	0.0000574	0.0000408	0.0692	0.00000179	0.0000628	0.000251	0.00125	0
Active Closure (2037-2043): Mean	0.0796	0.0000109	1.56	2.96	0.0569	0.000263	5.42	0.00144	0.0571	0.000469	0.000192	0.0000849	0.117	0.00000219	0.0000732	0.000798	0.00188	0
Active Closure (2037-2043): Max	0.116	0.0000126	2.2	4.56	0.0989	0.000479	7.85	0.00192	0.0704	0.000837	0.000235	0.000127	0.179	0.00000252	0.000094	0.00123	0.00213	0
Post Closure (2044-2119): Min	0.0324	0.00000552	1.26	1.77	0.0169	0.000211	4.81	0.00137	0.0244	0.000113	0.000136	0.0000629	0.0769	0.00000197	0.000062	0.000313	0.00125	4.78E-10
Post Closure (2044-2119): Mean	0.0521	0.0000086	2.44	4.17	0.0468	0.000642	12.7	0.00336	0.0353	0.000288	0.000243	0.000142	0.147	0.00000237	0.000261	0.000573	0.00157	0.0001
Post Closure (2044-2119): Max	0.0723	0.0000125	4.3	7.73	0.0817	0.00135	15.2	0.00651	0.0567	0.000461	0.000415	0.000269	0.247	0.00000289	0.000598	0.000853	0.00201	0.000151
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0.0476	0.00000899	1.07	1.79	0.0178	0.000429	3.93	0.000966	0.0497	0.000105	0.0000592	0.000044	0.0726	0.0000018	0.000072	0.0003	0.00116	0
2026 Feb	0.0482	0.00000899	1.08	1.82	0.0185	0.000429	3.96	0.000972	0.0497	0.000108	0.0000599	0.0000443	0.0735	0.0000018	0.0000721	0.000306	0.00116	0
2026 Mar	0.0486	0.00000901	1.08	1.83	0.019	0.000429	3.99	0.000978	0.0499	0.00011	0.0000604	0.0000446	0.0742	0.0000018	0.0000723	0.000311	0.00117	0
2026 Apr	0.0493	0.00000911	1.1	1.86	0.0194	0.000434	4.05	0.000991	0.0505	0.000113	0.0000613	0.0000452	0.0753	0.00000182	0.0000731	0.000317	0.00118	0
2026 May	0.0516	0.00000951	1.15	1.95	0.0204	0.000452	4.23	0.00104	0.0527	0.000118	0.0000642	0.0000473	0.0788	0.0000019	0.0000763	0.000332	0.00123	0
2026 Jun	0.044	0.00000943	0.943	1.42	0.0173	0.000215	3.04	0.00098	0.0459	0.000113	0.000165	0.0000436	0.0581	0.00000189	0.000057	0.000432	0.00172	0
2026 Jul	0.0461	0.0000101	0.984	1.45	0.0178	0.000203	3.11	0.00104	0.0484	0.000118	0.000188	0.0000461	0.0595	0.00000202	0.0000589	0.000469	0.0019	0
2026 Aug	0.0481	0.0000106	1.03	1.52	0.0183	0.000217	3.27	0.00109	0.0505	0.000121	0.00019	0.0000482	0.0622	0.00000212	0.0000614	0.000472	0.00195	0
2026 Sep	0.0495	0.0000109	1.06	1.57	0.0187	0.000229	3.39	0.00112	0.052	0.000123	0.000193	0.0000498	0.0643	0.00000218	0.0000635	0.000482	0.002	0
2026 Oct	0.0486	0.0000107	1.05	1.56	0.0179	0.000246	3.4	0.0011	0.0516	0.000116	0.00018	0.0000485	0.064	0.00000214	0.000064	0.000458	0.00192	0
2026 Nov	0.0489	0.0000108	1.06	1.57	0.0179	0.000251	3.43	0.0011	0.052	0.000115	0.00018	0.0000487	0.0645	0.00000215	0.0000646	0.000458	0.00192	0
2026 Dec	0.049	0.0000108	1.06	1.57	0.0179	0.000252	3.43	0.0011	0.0521	0.000115	0.000179	0.0000487	0.0646	0.00000215	0.0000647	0.000458	0.00192	0
2027 Jan	0.049	0.0000108	1.06	1.58	0.018	0.000252	3.44	0.0011	0.0521	0.000116	0.000179	0.0000487	0.0647	0.00000215	0.0000648	0.000459	0.00192	0
2027 Feb	0.0491	0.0000108	1.06	1.58	0.0181	0.000252	3.44	0.0011	0.0521	0.000116	0.000179	0.0000488	0.0649	0.00000215	0.0000648	0.00046	0.00192	0
2027 Mar	0.0492	0.0000108	1.06	1.58	0.0182	0.000252	3.45	0.00111	0.0522	0.000116	0.00018	0.0000489	0.065	0.00000216	0.0000649	0.000461	0.00192	0
2027 Apr	0.0497	0.0000109	1.08	1.6	0.0184	0.000255	3.48	0.00112	0.0527	0.000118	0.000181	0.0000494	0.0657	0.00000218	0.0000655	0.000466	0.00194	0
2027 May	0.0513	0.0000112	1.11	1.65	0.019	0.000263	3.59	0.00115	0.0543	0.000122	0.000187	0.0000509	0.0678	0.00000224	0.0000675	0.00048	0.002	0
2027 Jun	0.0459	0.0000103	0.985	1.43	0.0171	0.0002	3.09	0.00105	0.0488	0.000112	0.000191	0.0000462	0.0587	0.00000206	0.0000589	0.000465	0.00194	0
2027 Jul	0.046	0.0000105	0.982	1.4	0.017	0.000182	3.03	0.00106	0.0491	0.000112	0.000204	0.0000465	0.0578	0.00000209	0.0000582	0.000483	0.00202	0
2027 Aug	0.0496	0.0000113	1.07	1.52	0.0183	0.000202	3.3	0.00115	0.053	0.00012	0.000218	0.0000505	0.0628	0.00000227	0.0000631	0.000515	0.00217	0
2027 Sep	0.0477	0.0000107	1.08	1.62	0.0145	0.000354	3.68	0.00108	0.054	0.000077	0.000134	0.0000463	0.0669	0.00000214	0.0000717	0.000374	0.00171	0
2027 Oct	0.0463	0.0000101	1.08	1.68	0.0118	0.000454	3.9	0.00102	0.0544	0.0000479	0.0000771	0.0000423	0.0689	0.00000202	0.0000773	0.000282	0.00139	0
2027 Nov	0.0464	0.0000101	1.09	1.69	0.0115	0.000469	3.94	0.00101	0.0547	0.0000443	0.00007	0.0000419	0.0695	0.00000202	0.0000784	0.000271	0.00135	0
2027 Dec	0.0463	0.0000101	1.09	1.7	0.0114	0.000473	3.95	0.00101	0.0548	0.0000434	0.0000683	0.0000418	0.0696	0.00000202	0.0000786	0.000269	0.00134	0
2028 Jan	0.047	0.0000101	1.1	1.73	0.0124	0.000473	3.99	0.00102	0.0549	0.0000476	0.0000687	0.0000422	0.0708	0.00000202	0.0000788	0.000277	0.00134	0
2028 Feb	0.048	0.0000101	1.11	1.77	0.0137	0.000472	4.06	0.00103	0.055	0.0000539	0.0000698	0.0000429	0.0725	0.00000202	0.000079	0.00029	0.00134	0
2028 Mar	0.0487	0.0000101	1.12	1.8	0.0146	0.000471	4.1	0.00104	0.0551	0.0000582	0.0000706	0.0000433	0.0737	0.00000202	0.0000791	0.000298	0.00134	0
2028 Apr	0.0496	0.0000102	1.14	1.84	0.0153	0.000476	4.16	0.00105	0.0557	0.0000613	0.0000718	0.000044	0.0751	0.00000204	0.00008	0.000307	0.00136	0
2028 May	0.052	0.0000107	1.2	1.93	0.0162	0.000496	4.36	0.0011	0.0582	0.0000657	0.0000753	0.0000461	0.0788	0.00000213	0.0000836	0.000323	0.00142	0
2028 Jun	0.0444	0.00000995	0.971	1.43	0.0152	0.000247	3.14	0.00101	0.0487	0.0000873	0.000165	0.000043	0.0587	0.00000199	0.0000612	0.00042	0.00178	0
2028 Jul	0.0432	0.0000101	0.922	1.28	0.0154	0.000157	2.79	0.00102	0.047	0.0000988	0.000208	0.0000436	0.053	0.00000202	0.0000549	0.000474	0.002	0
2028 Aug	0.0504	0.0000118	1.08	1.5	0.0179	0.000187	3.27	0.00119	0.0549	0.000115	0.00024	0.0000511	0.0621	0.00000237	0.0000642	0.000549	0.00233	0
2028 Sep	0.0491	0.0000113	1.08	1.56	0.0159	0.000269	3.46	0.00114	0.0548	0.0000931	0.000191	0.0000485	0.0642	0.00000227	0.0000683	0.000467	0.00205	0
2028 Oct	0.0452	0.00000985	1.06	1.66	0.0108	0.000468	3.86	0.000986	0.0538	0.0000381	0.0000653	0.0000403	0.0678	0.00000197	0.0000775	0.00026	0.0013	0
2028 Nov	0.0456	0.00000993	1.07	1.68	0.0107	0.00048	3.92	0.000994	0.0545	0.0000368	0.0000621	0.0000405	0.0688	0.00000199	0.0000788	0.000257	0.0013	0
2028 Dec	0.0457	0.00000995	1.07	1.68	0.0107	0.000482	3.93	0.000996	0.0546	0.0000367	0.0000618	0.0000406	0.069	0.00000199	0.000079	0.000257	0.0013	0
2029 Jan	0.046	0.00000995	1.08	1.7	0.0111	0.000482	3.95	0.000999	0.0546	0.0000383	0.0000619	0.0000407	0.0694	0.00000199	0.000079	0.00026	0.0013	0
2029 Feb	0.0463	0.00000995	1.08	1.71	0.0116	0.000481	3.97	0.001	0.0547	0.0000406	0.0000624	0.000041	0.0701	0.00000199	0.0000791	0.000264	0.0013	0
2029 Mar	0.0466	0.00000995	1.09	1.72	0.0119	0.000481	3.99	0.00101	0.0547	0.0000421	0.0000627	0.0000411	0.0705	0.00000199	0.0000792	0.000267	0.0013	0
2029 Apr	0.0469	0.00000998	1.09	1.74	0.0122	0.000483	4.01	0.00101	0.0549	0.0000433	0.0000631	0.0000414	0.071	0.000002	0.0000794	0.00027	0.0013	0
2029 May	0.0482	0.0000102	1.12	1.78	0.0126	0.000495	4.12	0.00104	0.0563	0.000045	0.0000648	0.0000425	0.0729	0.00000205	0.0000815	0.000278	0.00134	0
2029 Jun	0.0484	0.0000106	1.1	1.7	0.0138	0.000411	3.86	0.00107	0.0556	0.0000627	0.000111	0.0000443	0.0695	0.00000212	0.0000765	0.000348	0.00159	0
2029 Jul	0.0397	0.00000932	0.851	1.19	0.0135	0.000159	2.61	0.000932	0.0436	0.0000867	0.000183	0.0000398	0.0491	0.00000186	0.0000515	0.00042	0.00181	0
2029 Aug	0.0428	0.0000101	0.923	1.29	0.0145	0.000177	2.84	0.00101	0.047	0.0000923	0.000193	0.0000432	0.0533	0.00000201	0.0000557	0.000442	0.00193	0
2029 Sep	0.0452	0.0000105	1	1.44	0.0141	0.00026	3.23	0.00105	0.0507	0.0000821	0.000168	0.0000446	0.0595	0.00000209	0.0000636	0.000412	0.00185	0
2029 Oct	0.045	0.0000102	1.02	1.53	0.0125	0.000351	3.5	0.00102	0.0518	0.000062	0.000121	0.0000425	0.0629	0.00000203	0.0000694	0.000341	0.0016	0
2029 Nov	0.044	0.00000963	1.03	1.6	0.0105	0.000449	3.74	0.000963	0.0523	0.0000382	0.0000664	0.0000394	0.0658	0.00000193	0.000075	0.000256	0.00129	0
2029 Dec	0.0441	0.00000966	1.03	1.61	0.0105	0.000454	3.76	0.000966	0.0526	0.0000376	0.0000649	0.0000395	0.0661	0.00000193	0.0000755	0.000254	0.00128	0
2030 Jan	0.0447	0.00000966	1.04	1.64	0.0111	0.000454	3.8	0.000971	0.0527	0.0000406	0.0000652	0.0000398	0.067	0.00000193	0.0000756	0.00026	0.00128	0
2030 Feb	0.0454	0.00000966	1.05	1.67	0.0121	0.000454	3.84	0.000979	0.0528	0.000045	0.000066	0.0000402	0.0682	0.00000193	0.0000758	0.000269	0.00128	0
2030 Mar	0.0458	0.00000968	1.06	1.69	0.0126	0.000454	3.87	0.000986	0.0529	0.0000476	0.0000666	0.0000405	0.069	0.00000194	0.000076	0.000274	0.00129	0
2030 Apr	0.0463	0.00000972	1.07	1.71	0.0131	0.000456	3.91	0.000993	0.0532	0.0000497	0.0000672	0.0000409	0.0698	0.00000194	0.0000763	0.000279	0.00129	0
2030 May	0.0484	0.0000101	1.12	1.78	0.0138	0.000474	4.08	0.00104	0.0554	0.0000528	0.0000702	0.0000427	0.0729	0.00000203	0.0000795	0.000292	0.00135	0
2030 Jun	0.0449	0.00000999	0.999	1.49	0.0143	0.000302	3.34	0.00101	0.0503	0.0000754	0.000142	0.0000425	0.0614	0.000002	0.0000656	0.000384	0.00168	0
2030 Jul	0.0432	0.00000996	0.937	1.34	0.0146	0.000208	2.95	0.001	0.0476	0.0000883	0.00018	0.0000426	0.0552	0.00000199	0.0000581	0.00043	0.00185	0
2030 Aug	0.047	0.0000108	1.02	1.46	0.0156	0.000229	3.23	0.00109	0.0516	0.0000956	0.00019	0.0000464	0.0601	0.00000217	0.0000629	0.000453	0.00199	0
2030 Sep	0.0502	0.0000116	1.1	1.58	0.0164	0.000265	3.52	0.00116	0.0554	0.0000977	0.000193	0.0000497	0.0652	0.00000231	0.0000685	0.000468	0.00207	0
2030 Oct	0.0484	0.000011	1.08	1.6	0.0145	0.000329	3.62	0.0011	0.0547	0.0000782	0.000151	0.0000464	0.0658	0.00000219	0.000071	0.000398	0.00182	0
2030 Nov	0.0472	0.0000105	1.07	1.62	0.0131	0.00038	3.71	0.00106	0.0543	0.0000634	0.000119	0.0000441	0.0666	0.00000211	0.0000734	0.000345	0.00162	0
2030 Dec	0.0473	0.0000105	1.08	1.63	0.013	0.000386	3.73	0.00106	0.0545	0.0000622	0.000116	0.0000441	0.0669	0.00000211	0.0000738	0.000342	0.00161	0
2031 Jan	0.0478	0.0000105	1.09	1.65	0.0138	0.000387	3.77	0.00106	0.0546	0.0000654	0.000116	0.0000444	0.0679	0.00000211	0.000074	0.000347	0.00161	0

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.0486	0.0000105	1.1	1.69	0.0148	0.000387	3.82	0.00107	0.0546	0.0000704	0.000116	0.0000449	0.0692	0.00000211	0.0000742	0.000357	0.00161	0
2031 Mar	0.0491	0.0000105	1.11	1.71	0.0155	0.000387	3.85	0.00108	0.0547	0.0000736	0.000117	0.0000452	0.0701	0.00000211	0.0000743	0.000364	0.00161	0
2031 Apr	0.0502	0.0000107	1.13	1.75	0.0161	0.000393	3.93	0.0011	0.0556	0.0000765	0.000119	0.0000461	0.0717	0.00000214	0.0000755	0.000373	0.00163	0
2031 May	0.0576	0.0000112	1.26	2.05	0.0237	0.0004	4.4	0.00121	0.0587	0.000143	0.000133	0.0000545	0.0833	0.00000225	0.0000795	0.000459	0.00173	0
2031 Jun	0.0872	0.0000101	1.66	3.35	0.0712	0.000234	5.82	0.00149	0.0549	0.000597	0.0002	0.0000947	0.131	0.00000203	0.0000712	0.000934	0.00181	0
2031 Jul	0.101	0.0000119	1.92	3.84	0.0811	0.00027	6.71	0.00173	0.0641	0.00068	0.000233	0.000109	0.151	0.00000238	0.0000827	0.00107	0.00212	0
2031 Aug	0.0951	0.0000125	1.87	3.6	0.0713	0.000309	6.56	0.0017	0.0647	0.000592	0.000207	0.000104	0.143	0.00000249	0.0000834	0.000931	0.00207	0
2031 Sep	0.066	0.0000108	1.43	2.54	0.0375	0.000424	5.16	0.00129	0.057	0.00028	0.000105	0.0000702	0.103	0.00000217	0.0000794	0.000509	0.00151	0
2031 Oct	0.0494	0.00000963	1.15	1.91	0.0166	0.000504	4.29	0.00102	0.054	0.0000894	0.0000421	0.0000459	0.0777	0.00000193	0.0000797	0.000271	0.00115	0
2031 Nov	0.0493	0.00000971	1.15	1.91	0.0159	0.000515	4.3	0.00102	0.0545	0.0000819	0.0000398	0.0000454	0.0776	0.00000194	0.0000808	0.000264	0.00115	0
2031 Dec	0.0493	0.00000972	1.15	1.91	0.0158	0.000516	4.31	0.00102	0.0546	0.0000811	0.0000396	0.0000454	0.0777	0.00000194	0.000081	0.000263	0.00115	0
2032 Jan	0.0496	0.00000972	1.15	1.92	0.0162	0.000516	4.33	0.00103	0.0547	0.0000827	0.0000399	0.0000455	0.0781	0.00000194	0.000081	0.000266	0.00115	0
2032 Feb	0.05	0.00000972	1.16	1.94	0.0167	0.000515	4.35	0.00103	0.0547	0.0000853	0.0000405	0.0000458	0.0788	0.00000194	0.0000811	0.000272	0.00115	0
2032 Mar	0.0503	0.00000974	1.16	1.95	0.0171	0.000515	4.37	0.00103	0.0548	0.0000869	0.0000409	0.000046	0.0793	0.00000195	0.0000812	0.000275	0.00115	0
2032 Apr	0.0509	0.00000982	1.18	1.97	0.0175	0.000519	4.42	0.00104	0.0553	0.0000887	0.0000414	0.0000465	0.0803	0.00000196	0.0000819	0.00028	0.00116	0
2032 May	0.0532	0.0000102	1.23	2.06	0.0183	0.000542	4.61	0.00109	0.0576	0.0000932	0.0000434	0.0000485	0.0838	0.00000205	0.0000854	0.000293	0.00121	0
2032 Jun	0.0452	0.0000097	1	1.53	0.0162	0.000294	3.36	0.001	0.0489	0.0000965	0.000137	0.0000439	0.0627	0.00000194	0.0000639	0.000388	0.00162	0
2032 Jul	0.0379	0.00000861	0.816	1.17	0.0136	0.00017	2.56	0.000873	0.0409	0.0000874	0.00016	0.0000379	0.0483	0.00000172	0.0000495	0.000385	0.00162	0
2032 Aug	0.0394	0.00000903	0.862	1.24	0.0139	0.000189	2.73	0.000914	0.0427	0.0000881	0.000159	0.0000402	0.0512	0.00000181	0.000052	0.000383	0.00166	0
2032 Sep	0.0418	0.00000962	0.934	1.35	0.0143	0.000232	3.01	0.000973	0.0458	0.0000864	0.000155	0.000043	0.0559	0.00000192	0.0000571	0.000381	0.0017	0
2032 Oct	0.0429	0.00000975	0.968	1.42	0.0137	0.000282	3.22	0.000984	0.0478	0.0000776	0.000137	0.0000429	0.0589	0.00000195	0.0000617	0.000358	0.00163	0
2032 Nov	0.0436	0.0000098	0.998	1.5	0.013	0.000336	3.41	0.000988	0.0496	0.0000673	0.000116	0.0000424	0.0617	0.00000196	0.0000662	0.00033	0.00154	0
2032 Dec	0.044	0.00000974	1.02	1.56	0.012	0.000394	3.6	0.00098	0.051	0.0000544	0.0000908	0.0000413	0.0642	0.00000195	0.0000707	0.000293	0.00141	0
2033 Jan	0.0454	0.00000975	1.04	1.63	0.0137	0.000397	3.7	0.000995	0.0513	0.0000619	0.0000906	0.0000421	0.0667	0.00000195	0.0000713	0.000307	0.0014	0
2033 Feb	0.0471	0.00000976	1.07	1.7	0.016	0.000396	3.8	0.00101	0.0516	0.0000725	0.0000923	0.0000432	0.0696	0.00000195	0.0000717	0.000329	0.00141	0
2033 Mar	0.0483	0.0000098	1.09	1.75	0.0172	0.000397	3.88	0.00103	0.0519	0.0000785	0.0000935	0.0000439	0.0715	0.00000196	0.0000722	0.000342	0.00141	0
2033 Apr	0.0497	0.00000999	1.12	1.81	0.0182	0.000405	3.98	0.00105	0.053	0.0000829	0.0000958	0.0000451	0.0737	0.000002	0.0000737	0.000354	0.00144	0
2033 May	0.0741	0.0000102	1.49	2.84	0.0509	0.000342	5.32	0.00134	0.0559	0.00039	0.000145	0.0000759	0.113	0.00000205	0.000076	0.000694	0.00161	0
2033 Jun	0.0796	0.00000898	1.5	3.06	0.0666	0.000191	5.26	0.00135	0.0486	0.000561	0.000186	0.0000871	0.12	0.0000018	0.0000624	0.000869	0.00163	0
2033 Jul	0.0826	0.0000096	1.56	3.15	0.0679	0.000199	5.44	0.00141	0.0514	0.000571	0.000199	0.0000901	0.124	0.00000192	0.0000657	0.0009	0.00175	0
2033 Aug	0.0926	0.0000109	1.76	3.53	0.0756	0.00023	6.13	0.00159	0.0581	0.000635	0.000221	0.000101	0.139	0.00000218	0.0000742	0.001	0.00197	0
2033 Sep	0.0619	0.00000995	1.33	2.39	0.0347	0.000415	4.82	0.00119	0.0544	0.000256	0.0000968	0.0000631	0.0958	0.00000199	0.0000768	0.00049	0.0014	0
2033 Oct	0.0457	0.00000914	1.07	1.77	0.0132	0.000503	4.03	0.000949	0.052	0.00006	0.0000321	0.0000408	0.0719	0.00000183	0.0000778	0.000233	0.00106	0
2033 Nov	0.0457	0.00000924	1.07	1.77	0.0126	0.000513	4.06	0.000953	0.0527	0.0000537	0.0000302	0.0000405	0.072	0.00000185	0.0000789	0.000227	0.00107	0
2033 Dec	0.0458	0.00000925	1.08	1.77	0.0126	0.000514	4.07	0.000954	0.0528	0.0000535	0.0000302	0.0000405	0.0721	0.00000185	0.000079	0.000227	0.00107	0
2034 Jan	0.0459	0.00000925	1.08	1.78	0.0128	0.000514	4.08	0.000956	0.0528	0.0000544	0.0000304	0.0000406	0.0724	0.00000185	0.000079	0.000229	0.00107	0
2034 Feb	0.0462	0.00000925	1.08	1.79	0.0131	0.000513	4.09	0.000959	0.0528	0.0000559	0.0000307	0.0000408	0.0728	0.00000185	0.0000791	0.000232	0.00107	0
2034 Mar	0.0463	0.00000926	1.09	1.8	0.0133	0.000514	4.1	0.000962	0.0529	0.0000568	0.0000309	0.0000409	0.0731	0.00000185	0.0000792	0.000234	0.00107	0
2034 Apr	0.047	0.00000938	1.1	1.82	0.0136	0.00052	4.16	0.000974	0.0535	0.000058	0.0000314	0.0000415	0.0741	0.00000188	0.0000801	0.000238	0.00108	0
2034 May	0.0543	0.00000982	1.22	2.11	0.0216	0.000517	4.59	0.00108	0.0561	0.000129	0.000048	0.00005	0.0854	0.00000196	0.0000831	0.00033	0.00119	0
2034 Jun	0.0814	0.0000095	1.59	3.2	0.0637	0.000317	5.73	0.00138	0.0538	0.000527	0.000145	0.0000867	0.126	0.0000019	0.0000739	0.0008	0.0015	0
2034 Jul	0.0806	0.00000975	1.57	3.14	0.0614	0.000313	5.66	0.00138	0.0544	0.000509	0.000147	0.0000855	0.124	0.00000195	0.0000738	0.000778	0.00153	0
2034 Aug	0.0924	0.0000113	1.8	3.59	0.07	0.000361	6.5	0.00159	0.0626	0.00058	0.000168	0.000098	0.142	0.00000225	0.0000849	0.000887	0.00176	0
2034 Sep	0.0628	0.0000102	1.35	2.44	0.0324	0.000478	5.01	0.00119	0.0575	0.000233	0.0000759	0.0000611	0.0977	0.00000203	0.0000833	0.000454	0.00132	0
2034 Oct	0.0463	0.00000935	1.09	1.79	0.0124	0.000527	4.13	0.000963	0.0536	0.0000512	0.0000274	0.0000406	0.073	0.00000187	0.0000805	0.000224	0.00106	0
2034 Nov	0.0468	0.0000095	1.1	1.81	0.0122	0.000537	4.18	0.000975	0.0545	0.0000482	0.0000268	0.0000409	0.0738	0.0000019	0.0000819	0.000223	0.00108	0
2034 Dec	0.0468	0.00000951	1.1	1.81	0.0122	0.000538	4.19	0.000976	0.0546	0.000048	0.0000268	0.0000409	0.0739	0.0000019	0.000082	0.000223	0.00108	0
2035 Jan	0.047	0.00000952	1.11	1.82	0.0125	0.000538	4.2	0.000979	0.0546	0.0000492	0.0000271	0.000041	0.0742	0.0000019	0.0000821	0.000226	0.00108	0
2035 Feb	0.0473	0.00000952	1.11	1.84	0.0129	0.000538	4.22	0.000982	0.0546	0.000051	0.0000275	0.0000412	0.0747	0.0000019	0.0000821	0.000229	0.00108	0
2035 Mar	0.0475	0.00000953	1.12	1.85	0.0131	0.000538	4.23	0.000985	0.0547	0.0000522	0.0000278	0.0000414	0.0751	0.00000191	0.0000822	0.000232	0.00108	0
2035 Apr	0.0483	0.00000965	1.13	1.87	0.0134	0.000544	4.29	0.000999	0.0554	0.0000536	0.0000283	0.000042	0.0762	0.00000193	0.0000833	0.000236	0.0011	0
2035 May	0.0521	0.0000102	1.21	2.02	0.0155	0.000573	4.6	0.00107	0.0588	0.0000683	0.0000326	0.0000456	0.0822	0.00000205	0.0000883	0.000264	0.00117	0
2035 Jun	0.0569	0.00000923	1.16	2.05	0.0345	0.00024	3.95	0.00111	0.0477	0.00027	0.000157	0.0000589	0.0819	0.00000185	0.0000615	0.000568	0.00161	0
2035 Jul	0.0562	0.00000956	1.15	1.98	0.0327	0.000227	3.85	0.00112	0.0484	0.000253	0.000171	0.0000582	0.0793	0.00000191	0.0000614	0.000571	0.00172	0
2035 Aug	0.0579	0.0000102	1.22	2.06	0.0326	0.000265	4.11	0.00118	0.0511	0.000247	0.000167	0.0000617	0.0835	0.00000205	0.0000656	0.000559	0.00177	0
2035 Sep	0.0446	0.00000957	1.09	1.72	0.0125	0.000488	4.02	0.000981	0.0515	0.0000515	0.0000411	0.0000436	0.0712	0.00000191	0.0000757	0.000221	0.00115	0
2035 Oct	0.0439	0.00000937	1.06	1.7	0.0101	0.000521	4	0.000946	0.0526	0.0000296	0.0000265	0.0000394	0.0697	0.00000187	0.0000788	0.000196	0.00107	0
2035 Nov	0.043	0.00000916	1.04	1.66	0.00945	0.000519	3.93	0.000922	0.0519	0.0000247	0.0000231	0.0000378	0.0682	0.00000183	0.0000781	0.000188	0.00103	0
2035 Dec	0.0432	0.00000921	1.04	1.67	0.00947	0.000522	3.95	0.000926	0.0522	0.0000244	0.000023	0.000038	0.0685	0.00000184	0.0000786	0.000188	0.00104	0
2036 Jan	0.0438	0.00000922	1.05	1.7	0.0102	0.000522	3.98	0.000932	0.0523	0.0000277	0.0000237	0.0000383	0.0694	0.00000184	0.0000787	0.000195	0.00104	0
2036 Feb	0.0445	0.00000922	1.06	1.73	0.0111	0.000521	4.02	0.000941	0.0524	0.0000323	0.0000247	0.0000388	0.0706	0.00000184	0.0000788	0.000205	0.00104	0
2036 Mar	0.0449	0.00000923	1.07	1.75	0.0117	0.00052	4.05	0.000946	0.0525	0.0000352	0.0000254	0.000039	0.0714	0.00000185	0.0000789	0.000211	0.00104	0
2036 Apr	0.046	0.00000937	1.09	1.79	0.0124	0.000527	4.13	0.000964	0.0533	0.0000378	0.0000262	0.0000398	0.073	0.00000187	0.0000801	0.000218	0.00106	0
2036 May	0.0492	0.00000997	1.16	1.91	0.0135	0.00056	4.41	0.00103	0.0567	0.0000425	0.0000284	0.0000426	0.0781	0.00000199	0.0000852	0.000236	0.00113	0
2036 Jun	0.0435	0.00000947	0.964	1.46	0.015	0.000285	3.23	0.000971	0.0477	0.0000847	0.000136	0.0000418	0.0599	0.00000189	0.0000622	0.000377	0.00159	0
2036 Jul	0.0434	0.00000978	0.942	1.37	0.0151	0.000221	3.02	0.000991	0.0472	0.0000928	0.000168	0.0000427	0.0565	0.00000196	0.0000583	0.000416	0.00177	0
2036 Aug	0.0488	0.000011	1.07	1.55	0.0168	0.000256	3.43	0.00112	0.0531	0.000103	0.000184	0.0000485	0.064	0.00000221	0.0000658	0.000455	0.00198	0
2036 Sep	0.0467	0.0000106	1.07	1.59	0.0145	0.00034	3.63	0.00107	0.0525	0.0000761	0.000133	0.0000469	0.0659	0.00000213	0.0000691	0.000361	0.0017	0
2036 Oct	0.0449	0.00000988	1.06	1.64	0.0114	0.000446	3.82	0.000992	0.0528	0.0000446	0.0000713	0.0000415	0.0674	0.00000198	0.0000751	0.000265	0.00133	0
2036 Nov	0.0447	0.00000977	1.06	1.65	0.0109	0.000464	3.85	0.000981	0.0529	0.0000397	0.0000618	0.0000408	0.0677	0.00000195	0.0000762	0.00025	0.00128	0
2036 Dec	0.0447	0.00000974	1.06	1.66	0.0107	0.000474	3.88	0.000977	0.0531	0.0000373	0.000057	0.0000404	0.0681	0.00000195	0.0000769	0.000243	0.00125	0
2037 Jan	0.0454	0.00000975	1.07	1.69	0.0116	0.000474	3.92	0.000985	0.0532	0.0000412	0.0000574	0.0000408	0.0692	0.00000195	0.0000771	0.000251	0.00125	0
2037 Feb	0.0462	0.00000975	1.08	1.73	0.0127	0.000473	3.97	0.000995	0.0534	0.0000466	0.0000585	0.0000414	0.0706	0.00000195	0.0000773	0.000262	0.00125	0
2037 Mar	0.0469	0.00000979	1.09	1.75	0.0134	0.000474	4.02	0.001	0.0536	0.0000497	0.0000593	0.0000418	0.0717	0.00000196	0.0000776	0.000269	0.00126	0
2037 Apr	0.0476	0.00000989	1.11	1.78	0.0138	0.000479	4.07	0.00102	0.0542	0.0000517	0.0000601	0.0000424	0.0728	0.00000198	0.0000784	0.000274	0.00127	0
2037 May	0.0657	0.00001	1.38	2.53	0.0387	0.000412	5.01	0.00123	0.0557	0.000284	0.000104	0.0000654	0.101	0.00000201	0.0000785	0.000541	0.00143	0
2037 Jun	0.0787	0.00000897	1.51	3.07	0.0639	0.00025	5.38	0.00133	0.0498	0.000533	0.000159	0.0000849	0.121	0.00000179	0.0000665	0.000812	0.00151	0

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0837	0.00000975	1.61	3.25	0.0672	0.000266	5.72	0.00143	0.0537	0.00056	0.000173	0.0000902	0.128	0.00000195	0.0000713	0.000864	0.00165	0
2037 Aug	0.0905	0.0000106	1.74	3.51	0.0724	0.00029	6.19	0.00155	0.0582	0.000603	0.000187	0.0000976	0.138	0.00000212	0.0000773	0.00093	0.00178	0
2037 Sep	0.0939	0.0000111	1.81	3.64	0.0747	0.000308	6.45	0.00161	0.0609	0.000621	0.000192	0.000101	0.143	0.00000222	0.000081	0.00096	0.00186	0
2037 Oct	0.0885	0.0000107	1.72	3.44	0.0687	0.000317	6.14	0.00153	0.0591	0.000567	0.000177	0.0000948	0.135	0.00000214	0.0000792	0.000887	0.00176	0
2037 Nov	0.0878	0.0000107	1.71	3.4	0.0675	0.000323	6.11	0.00152	0.0591	0.000556	0.000173	0.0000937	0.134	0.00000214	0.0000795	0.000873	0.00175	0
2037 Dec	0.0878	0.0000107	1.71	3.4	0.0674	0.000324	6.12	0.00152	0.0592	0.000555	0.000173	0.0000937	0.134	0.00000215	0.0000796	0.000872	0.00175	0
2038 Jan	0.0878	0.0000107	1.72	3.41	0.0674	0.000325	6.12	0.00152	0.0592	0.000555	0.000173	0.0000937	0.134	0.00000215	0.0000797	0.000873	0.00175	0
2038 Feb	0.0879	0.0000107	1.72	3.41	0.0675	0.000325	6.12	0.00152	0.0592	0.000555	0.000173	0.0000937	0.134	0.00000215	0.0000797	0.000873	0.00175	0
2038 Mar	0.0879	0.0000107	1.72	3.41	0.0676	0.000325	6.13	0.00152	0.0592	0.000555	0.000173	0.0000938	0.134	0.00000215	0.0000797	0.000874	0.00175	0
2038 Apr	0.0885	0.0000108	1.73	3.43	0.068	0.000327	6.16	0.00153	0.0596	0.000559	0.000174	0.0000943	0.135	0.00000216	0.0000802	0.00088	0.00176	0
2038 May	0.0927	0.000011	1.8	3.61	0.0727	0.000326	6.42	0.00159	0.061	0.000601	0.000183	0.0000993	0.142	0.00000221	0.0000819	0.000932	0.00181	0
2038 Jun	0.094	0.00000997	1.78	3.69	0.0802	0.000255	6.33	0.00155	0.0557	0.000678	0.000189	0.000103	0.144	0.00000199	0.0000737	0.000995	0.00171	0
2038 Jul	0.106	0.0000112	2	4.14	0.0899	0.000287	7.11	0.00175	0.0626	0.000761	0.000213	0.000115	0.162	0.00000224	0.0000829	0.00112	0.00193	0
2038 Aug	0.116	0.0000124	2.2	4.56	0.0989	0.000316	7.83	0.00192	0.069	0.000837	0.000235	0.000127	0.179	0.00000247	0.0000913	0.00123	0.00213	0
2038 Sep	0.115	0.0000124	2.18	4.52	0.0974	0.000323	7.78	0.00191	0.069	0.000822	0.000231	0.000126	0.177	0.00000248	0.0000916	0.00121	0.00211	0
2038 Oct	0.111	0.0000121	2.12	4.36	0.093	0.000329	7.56	0.00186	0.0678	0.000783	0.000221	0.000121	0.171	0.00000243	0.0000903	0.00116	0.00205	0
2038 Nov	0.111	0.0000122	2.12	4.37	0.093	0.000332	7.58	0.00186	0.068	0.000783	0.000221	0.000121	0.171	0.00000244	0.0000907	0.00116	0.00205	0
2038 Dec	0.111	0.0000122	2.12	4.37	0.0929	0.000333	7.58	0.00186	0.0681	0.000782	0.00022	0.000121	0.171	0.00000244	0.0000908	0.00116	0.00205	0
2039 Jan	0.111	0.0000122	2.12	4.37	0.0929	0.000333	7.58	0.00186	0.0681	0.000782	0.00022	0.000121	0.171	0.00000244	0.0000908	0.00116	0.00205	0
2039 Feb	0.111	0.0000122	2.12	4.37	0.093	0.000333	7.58	0.00186	0.0681	0.000782	0.00022	0.000121	0.171	0.00000244	0.0000908	0.00116	0.00205	0
2039 Mar	0.112	0.0000122	2.13	4.38	0.0931	0.000333	7.6	0.00186	0.0682	0.000783	0.000221	0.000121	0.172	0.00000244	0.0000909	0.00116	0.00206	0
2039 Apr	0.112	0.0000123	2.14	4.4	0.0937	0.000335	7.64	0.00187	0.0685	0.000787	0.000222	0.000122	0.173	0.00000245	0.0000914	0.00117	0.00207	0
2039 May	0.115	0.0000126	2.2	4.53	0.0963	0.000344	7.85	0.00192	0.0704	0.000809	0.000228	0.000125	0.177	0.00000252	0.000094	0.0012	0.00213	0
2039 Jun	0.0888	0.0000112	1.71	3.36	0.0689	0.000259	5.96	0.00156	0.0595	0.000572	0.000215	0.0000959	0.132	0.00000224	0.0000767	0.000943	0.002	0
2039 Jul	0.0745	0.0000103	1.45	2.73	0.0536	0.000218	4.97	0.00136	0.0533	0.000444	0.000196	0.0000797	0.108	0.00000207	0.000067	0.000774	0.00185	0
2039 Aug	0.0741	0.0000106	1.44	2.68	0.0512	0.000223	4.96	0.00136	0.054	0.000425	0.000189	0.0000786	0.106	0.00000212	0.0000673	0.000733	0.00184	0
2039 Sep	0.0758	0.0000109	1.48	2.75	0.0522	0.00023	5.08	0.00139	0.0554	0.000433	0.000193	0.0000804	0.109	0.00000217	0.0000691	0.000749	0.00188	0
2039 Oct	0.0751	0.0000108	1.47	2.72	0.0516	0.000232	5.05	0.00138	0.0551	0.000428	0.00019	0.0000796	0.108	0.00000216	0.0000689	0.00074	0.00187	0
2039 Nov	0.0754	0.0000108	1.47	2.73	0.0517	0.000234	5.06	0.00138	0.0553	0.000428	0.000191	0.0000798	0.108	0.00000217	0.0000692	0.000741	0.00187	0
2039 Dec	0.0754	0.0000108	1.47	2.73	0.0517	0.000234	5.07	0.00138	0.0554	0.000428	0.000191	0.0000799	0.108	0.00000217	0.0000693	0.000742	0.00187	0
2040 Jan	0.0754	0.0000108	1.47	2.73	0.0517	0.000234	5.07	0.00138	0.0554	0.000428	0.000191	0.0000799	0.108	0.00000217	0.0000693	0.000742	0.00187	0
2040 Feb	0.0754	0.0000108	1.47	2.73	0.0517	0.000234	5.07	0.00138	0.0554	0.000428	0.000191	0.0000799	0.108	0.00000217	0.0000693	0.000742	0.00187	0
2040 Mar	0.0755	0.0000108	1.47	2.74	0.0518	0.000234	5.08	0.00139	0.0554	0.000429	0.000191	0.00008	0.109	0.00000217	0.0000694	0.000743	0.00187	0
2040 Apr	0.0758	0.0000109	1.48	2.75	0.052	0.000235	5.09	0.00139	0.0556	0.000431	0.000192	0.0000803	0.109	0.00000218	0.0000696	0.000746	0.00188	0
2040 May	0.0776	0.0000111	1.51	2.82	0.0535	0.000239	5.21	0.00142	0.0567	0.000444	0.000196	0.0000823	0.112	0.00000222	0.000071	0.000765	0.00192	0
2040 Jun	0.0766	0.0000104	1.48	2.81	0.0557	0.000216	5.1	0.00138	0.0536	0.000465	0.000193	0.000082	0.111	0.00000208	0.0000671	0.000779	0.00183	0
2040 Jul	0.0786	0.0000107	1.52	2.88	0.0569	0.000221	5.23	0.00142	0.0552	0.000475	0.0002	0.0000841	0.114	0.00000215	0.000069	0.0008	0.00189	0
2040 Aug	0.0813	0.0000111	1.57	2.98	0.0588	0.00023	5.42	0.00147	0.0572	0.000491	0.000206	0.0000871	0.118	0.00000222	0.0000715	0.000827	0.00196	0
2040 Sep	0.0816	0.0000112	1.58	2.99	0.0588	0.000234	5.45	0.00148	0.0576	0.000491	0.000206	0.0000874	0.118	0.00000224	0.0000721	0.000827	0.00197	0
2040 Oct	0.082	0.0000113	1.59	3.01	0.059	0.000237	5.48	0.00148	0.0579	0.000492	0.000207	0.0000878	0.119	0.00000225	0.0000726	0.00083	0.00198	0
2040 Nov	0.0823	0.0000113	1.6	3.02	0.0592	0.000238	5.5	0.00149	0.0582	0.000494	0.000208	0.0000881	0.119	0.00000226	0.0000729	0.000833	0.00198	0
2040 Dec	0.0823	0.0000113	1.6	3.02	0.0592	0.000238	5.5	0.00149	0.0582	0.000494	0.000208	0.0000881	0.119	0.00000226	0.0000729	0.000833	0.00198	0
2041 Jan	0.0823	0.0000113	1.6	3.02	0.0592	0.000238	5.5	0.00149	0.0582	0.000494	0.000208	0.0000881	0.12	0.00000226	0.0000729	0.000833	0.00198	0
2041 Feb	0.0824	0.0000113	1.6	3.02	0.0593	0.000238	5.5	0.00149	0.0582	0.000494	0.000208	0.0000882	0.12	0.00000226	0.0000729	0.000833	0.00198	0
2041 Mar	0.0824	0.0000113	1.6	3.02	0.0593	0.000238	5.51	0.00149	0.0582	0.000494	0.000208	0.0000882	0.12	0.00000226	0.000073	0.000834	0.00199	0
2041 Apr	0.0826	0.0000113	1.6	3.03	0.0595	0.000239	5.52	0.00149	0.0584	0.000496	0.000208	0.0000884	0.12	0.00000227	0.0000732	0.000836	0.00199	0
2041 May	0.0836	0.0000115	1.62	3.07	0.0602	0.000242	5.59	0.00151	0.0591	0.000502	0.000211	0.0000895	0.121	0.0000023	0.000074	0.000846	0.00201	0
2041 Jun	0.0761	0.000011	1.48	2.74	0.0529	0.000217	5.05	0.00141	0.0557	0.000438	0.000208	0.0000812	0.109	0.0000022	0.000069	0.00078	0.00197	0
2041 Jul	0.0696	0.0000104	1.36	2.48	0.0472	0.000197	4.6	0.00131	0.0523	0.000389	0.0002	0.0000742	0.0987	0.00000208	0.0000643	0.00072	0.00189	0
2041 Aug	0.0727	0.0000109	1.42	2.59	0.0493	0.000207	4.81	0.00137	0.0546	0.000406	0.000209	0.0000776	0.103	0.00000218	0.0000671	0.000751	0.00198	0
2041 Sep	0.0734	0.000011	1.44	2.62	0.0497	0.00021	4.86	0.00138	0.0552	0.000409	0.000211	0.0000783	0.104	0.0000022	0.000068	0.000758	0.002	0
2041 Oct	0.0731	0.000011	1.43	2.61	0.0493	0.000212	4.84	0.00138	0.0551	0.000406	0.000209	0.0000779	0.104	0.00000219	0.0000679	0.000752	0.00199	0
2041 Nov	0.0733	0.000011	1.44	2.62	0.0494	0.000213	4.86	0.00138	0.0553	0.000407	0.00021	0.0000782	0.104	0.0000022	0.0000682	0.000754	0.00199	0
2041 Dec	0.0734	0.000011	1.44	2.62	0.0495	0.000213	4.86	0.00138	0.0553	0.000407	0.00021	0.0000782	0.104	0.0000022	0.0000682	0.000755	0.00199	0
2042 Jan	0.0734	0.000011	1.44	2.62	0.0495	0.000213	4.86	0.00138	0.0554	0.000407	0.00021	0.0000782	0.104	0.0000022	0.0000682	0.000755	0.00199	0
2042 Feb	0.0734	0.000011	1.44	2.62	0.0495	0.000213	4.87	0.00138	0.0554	0.000407	0.00021	0.0000782	0.104	0.0000022	0.0000682	0.000755	0.00199	0
2042 Mar	0.0734	0.000011	1.44	2.62	0.0495	0.000214	4.87	0.00138	0.0554	0.000407	0.00021	0.0000782	0.104	0.0000022	0.0000683	0.000755	0.002	0
2042 Apr	0.0738	0.0000111	1.45	2.64	0.0498	0.000215	4.89	0.00139	0.0557	0.000409	0.000211	0.0000786	0.105	0.00000222	0.0000686	0.000759	0.00201	0
2042 May	0.0752	0.0000113	1.48	2.69	0.0507	0.000219	4.99	0.00142	0.0567	0.000417	0.000215	0.0000801	0.107	0.00000226	0.0000699	0.000774	0.00204	0
2042 Jun	0.0702	0.0000109	1.38	2.48	0.0461	0.000202	4.63	0.00134	0.0544	0.000377	0.000212	0.0000747	0.0987	0.00000218	0.0000664	0.00073	0.00201	0
2042 Jul	0.0673	0.0000107	1.33	2.35	0.0432	0.000193	4.43	0.0013	0.053	0.000352	0.000208	0.0000714	0.0938	0.00000214	0.0000644	0.000699	0.00198	0
2042 Aug	0.0653	0.0000106	1.3	2.28	0.0411	0.0002	4.35	0.00127	0.052	0.000333	0.000198	0.0000696	0.0914	0.00000211	0.0000634	0.000661	0.00191	0
2042 Sep	0.0642	0.0000105	1.29	2.25	0.0401	0.000205	4.31	0.00126	0.0515	0.000324	0.000192	0.0000688	0.0903	0.0000021	0.0000631	0.000643	0.00188	0
2042 Oct	0.0634	0.0000104	1.28	2.23	0.0394	0.000208	4.27	0.00124	0.0511	0.000317	0.000188	0.0000678	0.0893	0.00000208	0.0000628	0.000632	0.00186	0
2042 Nov	0.0636	0.0000104	1.28	2.23	0.0394	0.00021	4.29	0.00125	0.0513	0.000317	0.000189	0.000068	0.0895	0.00000209	0.0000631	0.000633	0.00186	0
2042 Dec	0.0636	0.0000104	1.28	2.23	0.0394	0.00021	4.29	0.00125	0.0513	0.000317	0.000189	0.000068	0.0896	0.00000209	0.0000631	0.000633	0.00186	0
2043 Jan	0.0636	0.0000104	1.28	2.23	0.0394	0.00021	4.29	0.00125	0.0513	0.000317	0.000189	0.000068	0.0896	0.00000209	0.0000631	0.000633	0.00186	0
2043 Feb	0.0636	0.0000104	1.28	2.23	0.0394	0.00021	4.29	0.00125	0.0513	0.000317	0.000189	0.000068	0.0896	0.00000209	0.0000631	0.000633	0.00186	0
2043 Mar	0.0637	0.0000104	1.28	2.24	0.0395	0.00021	4.29	0.00125	0.0513	0.000318	0.000189	0.000068	0.0897	0.00000209	0.0000631	0.000634	0.00186	0
2043 Apr	0.064	0.0000105	1.29	2.25	0.0397	0.000211	4.31	0.00125	0.0516	0.000319	0.000189	0.0000684	0.0901	0.0000021	0.0000634	0.000637	0.00187	0
2043 May	0.0654	0.0000107	1.32	2.3	0.0408	0.000215	4.41	0.00128	0.0526	0.000328	0.000193	0.00007	0.0922	0.00000214	0.0000647	0.000652	0.00191	0
2043 Jun	0.0668	0.0000103	1.33	2.38	0.0444	0.000202	4.47	0.00128	0.0512	0.000362	0.000193	0.0000719	0.0951	0.00000206	0.0000631	0.000683	0.00186	0
2043 Jul	0.0695	0.0000108	1.38	2.48	0.0459	0.000211	4.65	0.00133	0.0535	0.000375	0.000201	0.0000748	0.0988	0.00000215	0.0000658	0.000709	0.00194	0
2043 Aug	0.0724	0.0000112	1.44	2.58	0.0477	0.000221	4.84	0.00139	0.0557	0.000389	0.000209	0.0000779	0.103	0.00000225	0.0000686	0.000735	0.00202	0
2043 Sep	0.0726	0.0000113	1.45	2.59	0.0477	0.000225	4.87	0.00139	0.056	0.000389	0.000209	0.0000782	0.103	0.00000226	0.0000691	0.000735	0.00203	0
2043 Oct	0.0718	0.0000112	1.43	2.56	0.0467	0.000231	4.84	0.00138	0.0558	0.00038	0.000204	0.0000771	0.102	0.00000225	0.0000692	0.000721	0.002	0
2043 Nov	0.071	0.0000112	1.42	2.53	0.0457	0.000238	4.81	0.00136	0.0556	0.00037	0.000199	0.000076	0.101	0.00000223	0.0000693	0.000707	0.00197	0

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0709	0.0000112	1.42	2.53	0.0457	0.000238	4.81	0.00136	0.0557	0.00037	0.000199	0.000076	0.101	0.00000223	0.0000693	0.000706	0.00197	0
2044 Jan	0.071	0.0000112	1.42	2.53	0.0457	0.000238	4.81	0.00137	0.0557	0.00037	0.000199	0.000076	0.101	0.00000223	0.0000693	0.000706	0.00197	4.78E-10
2044 Feb	0.071	0.0000112	1.42	2.54	0.0458	0.000239	4.82	0.00137	0.0557	0.00037	0.000199	0.000076	0.101	0.00000223	0.0000694	0.000707	0.00197	5.24E-10
2044 Mar	0.0711	0.0000112	1.42	2.54	0.0458	0.000239	4.82	0.00137	0.0558	0.000371	0.000199	0.0000761	0.102	0.00000223	0.0000694	0.000708	0.00197	5.25E-10
2044 Apr	0.0713	0.0000112	1.43	2.55	0.046	0.000239	4.83	0.00137	0.0559	0.000372	0.0002	0.0000762	0.102	0.00000224	0.0000696	0.000709	0.00198	5.26E-10
2044 May	0.0723	0.0000114	1.45	2.58	0.0467	0.000243	4.91	0.00139	0.0567	0.000377	0.000203	0.0000774	0.103	0.00000227	0.0000706	0.00072	0.00201	5.34E-10
2044 Jun	0.0598	0.00000973	1.33	2.25	0.0374	0.000218	6.09	0.00137	0.0477	0.000297	0.000187	0.0000698	0.0915	0.00000212	0.0000641	0.000605	0.00182	0.0000314
2044 Jul	0.0572	0.00000939	1.36	2.24	0.0353	0.000223	7.26	0.00146	0.0456	0.000279	0.000187	0.0000709	0.0923	0.00000217	0.000065	0.000581	0.00181	0.000052
2044 Aug	0.0606	0.00000996	1.44	2.37	0.0374	0.000237	7.69	0.00154	0.0483	0.000295	0.000198	0.0000751	0.0978	0.0000023	0.000069	0.000615	0.00191	0.000055
2044 Sep	0.0591	0.00000981	1.41	2.32	0.0361	0.000241	7.48	0.0015	0.0476	0.000283	0.00019	0.0000733	0.0955	0.00000225	0.0000679	0.000591	0.00186	0.0000527
2044 Oct	0.0586	0.00000975	1.4	2.29	0.0355	0.000243	7.39	0.00149	0.0473	0.000278	0.000187	0.0000724	0.0946	0.00000224	0.0000677	0.000583	0.00184	0.0000517
2044 Nov	0.0586	0.00000976	1.4	2.29	0.0355	0.000245	7.38	0.00149	0.0474	0.000277	0.000187	0.0000723	0.0946	0.00000224	0.0000678	0.000582	0.00184	0.0000516
2044 Dec	0.0586	0.00000976	1.4	2.29	0.0355	0.000245	7.39	0.00149	0.0475	0.000277	0.000187	0.0000723	0.0947	0.00000224	0.0000678	0.000582	0.00184	0.0000516
2045 Jan	0.0586	0.00000976	1.4	2.3	0.0355	0.000245	7.39	0.00149	0.0475	0.000277	0.000187	0.0000723	0.0947	0.00000224	0.0000678	0.000582	0.00184	0.0000516
2045 Feb	0.0586	0.00000976	1.4	2.3	0.0355	0.000245	7.39	0.00149	0.0475	0.000277	0.000187	0.0000724	0.0947	0.00000224	0.0000678	0.000582	0.00184	0.0000515
2045 Mar	0.0587	0.00000977	1.4	2.3	0.0355	0.000245	7.39	0.00149	0.0475	0.000277	0.000187	0.0000724	0.0948	0.00000224	0.0000679	0.000583	0.00184	0.0000516
2045 Apr	0.0588	0.00000979	1.4	2.3	0.0356	0.000246	7.41	0.00149	0.0476	0.000278	0.000187	0.0000726	0.095	0.00000224	0.000068	0.000584	0.00184	0.0000517
2045 May	0.0596	0.00000992	1.42	2.34	0.0361	0.000249	7.51	0.00151	0.0483	0.000282	0.00019	0.0000736	0.0963	0.00000228	0.000069	0.000592	0.00187	0.0000524
2045 Jun	0.0544	0.00000935	1.34	2.15	0.0319	0.000229	7.47	0.00146	0.0449	0.000246	0.000186	0.0000689	0.0891	0.00000219	0.0000653	0.000549	0.00181	0.0000577
2045 Jul	0.0522	0.00000911	1.34	2.11	0.0301	0.000228	8.13	0.0015	0.0434	0.00023	0.000187	0.0000688	0.0884	0.00000221	0.0000654	0.000531	0.00181	0.0000701
2045 Aug	0.0541	0.00000946	1.4	2.19	0.0312	0.000237	8.43	0.00156	0.0451	0.000238	0.000194	0.0000714	0.0917	0.0000023	0.0000679	0.00055	0.00188	0.0000727
2045 Sep	0.0542	0.0000095	1.4	2.19	0.0311	0.00024	8.43	0.00156	0.0452	0.000238	0.000194	0.0000714	0.0919	0.0000023	0.0000682	0.000549	0.00188	0.0000725
2045 Oct	0.0546	0.00000956	1.41	2.21	0.0313	0.000242	8.47	0.00157	0.0456	0.000238	0.000194	0.0000718	0.0924	0.00000232	0.0000687	0.000552	0.00189	0.0000727
2045 Nov	0.0547	0.00000958	1.41	2.21	0.0313	0.000243	8.49	0.00157	0.0457	0.000239	0.000195	0.000072	0.0926	0.00000232	0.0000689	0.000553	0.00189	0.0000728
2045 Dec	0.0547	0.00000959	1.41	2.21	0.0313	0.000243	8.49	0.00157	0.0457	0.000239	0.000195	0.000072	0.0927	0.00000232	0.0000689	0.000553	0.00189	0.0000728
2046 Jan	0.0547	0.00000959	1.41	2.21	0.0314	0.000243	8.49	0.00157	0.0457	0.000239	0.000195	0.000072	0.0927	0.00000232	0.0000689	0.000553	0.00189	0.0000728
2046 Feb	0.0547	0.00000959	1.41	2.22	0.0314	0.000243	8.5	0.00157	0.0457	0.000239	0.000195	0.000072	0.0927	0.00000232	0.0000689	0.000553	0.00189	0.0000728
2046 Mar	0.0548	0.0000096	1.41	2.22	0.0314	0.000244	8.51	0.00158	0.0458	0.000239	0.000195	0.0000721	0.0928	0.00000233	0.000069	0.000554	0.0019	0.0000729
2046 Apr	0.0551	0.00000965	1.42	2.23	0.0316	0.000245	8.55	0.00158	0.046	0.000241	0.000196	0.0000724	0.0933	0.00000234	0.0000693	0.000557	0.0019	0.0000733
2046 May	0.0559	0.00000979	1.44	2.26	0.0321	0.000249	8.67	0.00161	0.0467	0.000244	0.000199	0.0000735	0.0947	0.00000237	0.0000704	0.000565	0.00193	0.0000744
2046 Jun	0.0491	0.00000893	1.32	2.01	0.027	0.000221	8.39	0.00151	0.042	0.000202	0.00019	0.0000668	0.0848	0.00000222	0.0000649	0.000507	0.00182	0.0000774
2046 Jul	0.0421	0.00000781	1.27	1.86	0.0226	0.000211	9.36	0.00152	0.0361	0.000165	0.000177	0.0000637	0.08	0.00000212	0.000062	0.00044	0.00167	0.0000987
2046 Aug	0.0437	0.00000811	1.31	1.93	0.0235	0.00022	9.7	0.00158	0.0374	0.000171	0.000183	0.0000661	0.0829	0.0000022	0.0000643	0.000456	0.00173	0.000102
2046 Sep	0.0431	0.00000803	1.29	1.9	0.0229	0.000222	9.46	0.00155	0.0372	0.000166	0.000178	0.0000649	0.0816	0.00000217	0.0000636	0.000443	0.0017	0.0000989
2046 Oct	0.0426	0.00000797	1.27	1.88	0.0224	0.000226	9.26	0.00152	0.0371	0.000162	0.000173	0.0000636	0.0805	0.00000214	0.0000633	0.000434	0.00167	0.000096
2046 Nov	0.0426	0.00000798	1.27	1.88	0.0223	0.000228	9.24	0.00152	0.0372	0.000161	0.000172	0.0000635	0.0804	0.00000214	0.0000634	0.000433	0.00166	0.0000956
2046 Dec	0.0427	0.00000798	1.27	1.88	0.0223	0.000228	9.24	0.00152	0.0372	0.000161	0.000172	0.0000636	0.0805	0.00000214	0.0000635	0.000433	0.00166	0.0000955
2047 Jan	0.0427	0.00000799	1.27	1.88	0.0223	0.000228	9.24	0.00152	0.0372	0.000161	0.000172	0.0000636	0.0805	0.00000214	0.0000635	0.000433	0.00166	0.0000955
2047 Feb	0.0427	0.00000799	1.28	1.88	0.0224	0.000228	9.24	0.00152	0.0372	0.000161	0.000172	0.0000636	0.0806	0.00000214	0.0000635	0.000433	0.00166	0.0000955
2047 Mar	0.0428	0.000008	1.28	1.89	0.0224	0.000228	9.26	0.00152	0.0373	0.000161	0.000172	0.0000637	0.0807	0.00000214	0.0000636	0.000434	0.00167	0.0000957
2047 Apr	0.0429	0.00000802	1.28	1.89	0.0225	0.000229	9.28	0.00152	0.0374	0.000162	0.000173	0.0000639	0.0809	0.00000215	0.0000637	0.000435	0.00167	0.0000959
2047 May	0.0444	0.00000807	1.31	1.96	0.0243	0.00023	9.42	0.00155	0.0378	0.000178	0.000175	0.0000657	0.0836	0.00000216	0.0000645	0.000453	0.00168	0.0000964
2047 Jun	0.0472	0.00000711	1.4	2.23	0.0317	0.000227	10.7	0.00164	0.0341	0.000247	0.000166	0.0000731	0.0941	0.00000207	0.0000649	0.000494	0.00153	0.000113
2047 Jul	0.0495	0.00000747	1.47	2.34	0.0332	0.000238	11.2	0.00173	0.0358	0.000259	0.000175	0.0000768	0.0988	0.00000218	0.0000682	0.000519	0.00161	0.000118
2047 Aug	0.0517	0.00000783	1.54	2.44	0.0347	0.00025	11.8	0.00181	0.0375	0.00027	0.000183	0.0000803	0.103	0.00000228	0.0000714	0.000542	0.00169	0.000124
2047 Sep	0.0514	0.00000781	1.53	2.42	0.0343	0.000251	11.6	0.00179	0.0374	0.000267	0.00018	0.0000796	0.103	0.00000226	0.0000711	0.000535	0.00167	0.000122
2047 Oct	0.0506	0.00000774	1.5	2.38	0.0335	0.000253	11.4	0.00175	0.0372	0.000259	0.000175	0.0000779	0.101	0.00000223	0.0000704	0.000523	0.00164	0.000118
2047 Nov	0.0505	0.00000775	1.5	2.37	0.0332	0.000256	11.3	0.00174	0.0374	0.000256	0.000174	0.0000774	0.1	0.00000222	0.0000704	0.000519	0.00163	0.000117
2047 Dec	0.0506	0.00000776	1.5	2.37	0.0332	0.000256	11.3	0.00174	0.0374	0.000256	0.000174	0.0000774	0.1	0.00000222	0.0000705	0.000519	0.00163	0.000117
2048 Jan	0.0506	0.00000776	1.5	2.38	0.0332	0.000257	11.3	0.00174	0.0374	0.000256	0.000174	0.0000774	0.1	0.00000222	0.0000705	0.000519	0.00163	0.000117
2048 Feb	0.0506	0.00000776	1.5	2.38	0.0333	0.000257	11.3	0.00174	0.0375	0.000257	0.000174	0.0000775	0.1	0.00000222	0.0000705	0.00052	0.00163	0.000117
2048 Mar	0.0507	0.00000777	1.5	2.38	0.0333	0.000257	11.3	0.00174	0.0375	0.000257	0.000174	0.0000775	0.1	0.00000222	0.0000706	0.00052	0.00163	0.000117
2048 Apr	0.0509	0.00000779	1.5	2.39	0.0334	0.000258	11.3	0.00175	0.0376	0.000258	0.000174	0.0000778	0.101	0.00000223	0.0000708	0.000522	0.00164	0.000117
2048 May	0.0517	0.00000792	1.53	2.43	0.034	0.000262	11.5	0.00178	0.0382	0.000262	0.000177	0.000079	0.102	0.00000227	0.0000719	0.00053	0.00167	0.000119
2048 Jun	0.045	0.00000731	1.4	2.15	0.0281	0.000236	11	0.00168	0.0345	0.000212	0.000171	0.0000718	0.0915	0.00000215	0.0000673	0.00047	0.00159	0.000118
2048 Jul	0.0392	0.00000665	1.35	1.99	0.0235	0.000227	11.5	0.00168	0.0306	0.000172	0.000165	0.0000686	0.086	0.0000021	0.0000661	0.000414	0.00152	0.000131
2048 Aug	0.04	0.00000685	1.37	2.03	0.0238	0.000236	11.6	0.00171	0.0315	0.000174	0.000166	0.0000698	0.0876	0.00000214	0.0000674	0.000417	0.00154	0.000132
2048 Sep	0.04	0.00000688	1.37	2.02	0.0236	0.000239	11.5	0.00169	0.0316	0.000171	0.000164	0.0000694	0.0872	0.00000214	0.0000674	0.000413	0.00153	0.00013
2048 Oct	0.0397	0.00000685	1.36	2	0.0232	0.00024	11.3	0.00167	0.0316	0.000168	0.000161	0.0000686	0.0864	0.00000212	0.000067	0.000407	0.00152	0.000127
2048 Nov	0.0398	0.00000687	1.36	2	0.0232	0.000242	11.3	0.00167	0.0317	0.000168	0.000161	0.0000685	0.0864	0.00000212	0.0000671	0.000407	0.00152	0.000127
2048 Dec	0.0398	0.00000687	1.36	2	0.0232	0.000242	11.3	0.00167	0.0318	0.000168	0.000161	0.0000685	0.0864	0.00000212	0.0000672	0.000407	0.00152	0.000127
2049 Jan	0.0398	0.00000688	1.36	2.01	0.0232	0.000242	11.3	0.00167	0.0318	0.000168	0.000161	0.0000686	0.0864	0.00000212	0.0000672	0.000407	0.00152	0.000127
2049 Feb	0.0398	0.00000688	1.36	2.01	0.0233	0.000242	11.3	0.00167	0.0318	0.000168	0.000161	0.0000686	0.0865	0.00000212	0.0000672	0.000407	0.00152	0.000127
2049 Mar	0.0399	0.00000688	1.36	2.01	0.0233	0.000242	11.3	0.00167	0.0318	0.000168	0.000161	0.0000686	0.0866	0.00000212	0.0000673	0.000408	0.00152	0.000127
2049 Apr	0.04	0.00000691	1.36	2.02	0.0234	0.000243	11.4	0.00168	0.0319	0.000169	0.000162	0.0000689	0.0869	0.00000213	0.0000675	0.000409	0.00152	0.000127
2049 May	0.0406	0.00000701	1.38	2.05	0.0238	0.000247	11.6	0.00171	0.0324	0.000172	0.000164	0.0000699	0.0882	0.00000216	0.0000685	0.000416	0.00155	0.000129
2049 Jun	0.0363	0.00000658	1.28	1.85	0.0202	0.000223	11	0.00161	0.0299	0.000142	0.000161	0.0000646	0.0801	0.00000205	0.000065	0.00038	0.00149	0.000125
2049 Jul	0.0335	0.00000615	1.28	1.81	0.0183	0.000223	11.6	0.00165	0.0275	0.000126	0.000157	0.0000644	0.079	0.00000204	0.0000658	0.000352	0.00144	0.000136
2049 Aug	0.0354	0.0000065	1.35	1.91	0.0194	0.000236	12.2	0.00174	0.029	0.000133	0.000166	0.0000679	0.0834	0.00000216	0.0000694	0.000372	0.00152	0.000143
2049 Sep	0.0354	0.00000652	1.34	1.9	0.0191	0.000239	12.1	0.00173	0.0293	0.000131	0.000163	0.0000673	0.083	0.00000214	0.0000693	0.000367	0.00151	0.000141
2049 Oct	0.0352	0.0000065	1.33	1.88	0.0188	0.000242	11.8	0.0017	0.0294	0.000128	0.000159	0.0000662	0.082	0.00000212	0.0000689	0.000361	0.00149	0.000137
2049 Nov	0.0353	0.00000654	1.33	1.88	0.0187	0.000245	11.8	0.00169	0.0296	0.000127	0.000158	0.0000661	0.082	0.00000212	0.0000691	0.00036	0.00149	0.000136
2049 Dec	0.0353	0.00000654	1.33	1.89	0.0187	0.000245	11.8	0.00169	0.0297	0.000127	0.000158	0.0000661	0.082	0.00000212	0.0000691	0.00036	0.00149	0.000136
2050 Jan	0.0354	0.00000655	1.33	1.89	0.0188	0.000245	11.8	0.00169	0.0297	0.000127	0.000158	0.0000661	0.0821	0.00000212	0.0000692	0.00036	0.00149	0.000136
2050 Feb	0.0354	0.00000655	1.33	1.89	0.0188	0.000245	11.8	0.00169	0.0297	0.000128	0.000158	0.0000661	0.0821	0.00000212	0.0000692	0.000361	0.00149	0.000136
2050 Mar	0.0354	0.00000655	1.33	1.89	0.0188	0.000245	11.8	0.00169	0.0297	0.000128	0.000158	0.0000661	0.0822	0.00000212	0.0000692	0.000361	0.00149	0.000136
2050 Apr	0.0355	0.00000657	1.33	1.9	0.0189	0.000246	11.8	0.0017	0.0298	0.000128	0.000159	0.0000663	0.0824	0.00000213	0.0000694	0.000362	0.00149	0.000136

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.036	0.00000665	1.35	1.92	0.0192	0.000249	11.9	0.00172	0.0302	0.00013	0.000161	0.0000672	0.0835	0.00000216	0.0000703	0.000367	0.00151	0.000138
2050 Jun	0.0348	0.00000657	1.29	1.82	0.0182	0.000232	11.2	0.00164	0.0296	0.000123	0.000161	0.0000641	0.0791	0.00000209	0.0000675	0.000362	0.0015	0.000129
2050 Jul	0.0327	0.00000623	1.26	1.77	0.0169	0.000226	11.3	0.00163	0.0278	0.000113	0.000156	0.0000629	0.0769	0.00000204	0.0000669	0.00034	0.00145	0.000132
2050 Aug	0.0339	0.00000646	1.3	1.82	0.0174	0.000234	11.7	0.00168	0.0288	0.000116	0.000161	0.0000649	0.0794	0.00000211	0.0000691	0.00035	0.0015	0.000136
2050 Sep	0.0341	0.00000652	1.31	1.83	0.0174	0.000237	11.7	0.00169	0.0291	0.000116	0.000161	0.000065	0.0797	0.00000212	0.0000694	0.00035	0.0015	0.000135
2050 Oct	0.0344	0.00000658	1.32	1.84	0.0176	0.00024	11.7	0.0017	0.0294	0.000117	0.000161	0.0000655	0.0803	0.00000214	0.00007	0.000352	0.00151	0.000136
2050 Nov	0.0345	0.0000066	1.32	1.85	0.0176	0.000241	11.8	0.0017	0.0296	0.000117	0.000162	0.0000657	0.0806	0.00000214	0.0000703	0.000354	0.00152	0.000136
2050 Dec	0.0345	0.00000661	1.32	1.85	0.0176	0.000241	11.8	0.0017	0.0296	0.000117	0.000162	0.0000657	0.0806	0.00000215	0.0000703	0.000354	0.00152	0.000136
2051 Jan	0.0346	0.00000661	1.32	1.85	0.0176	0.000241	11.8	0.0017	0.0296	0.000117	0.000162	0.0000657	0.0806	0.00000215	0.0000703	0.000354	0.00152	0.000136
2051 Feb	0.0346	0.00000661	1.32	1.85	0.0177	0.000241	11.8	0.0017	0.0296	0.000117	0.000162	0.0000657	0.0807	0.00000215	0.0000703	0.000354	0.00152	0.000136
2051 Mar	0.0346	0.00000661	1.32	1.85	0.0177	0.000241	11.8	0.0017	0.0296	0.000117	0.000162	0.0000658	0.0807	0.00000215	0.0000704	0.000354	0.00152	0.000136
2051 Apr	0.0347	0.00000664	1.33	1.86	0.0178	0.000242	11.8	0.00171	0.0297	0.000118	0.000163	0.000066	0.081	0.00000215	0.0000706	0.000356	0.00152	0.000137
2051 May	0.0357	0.00000675	1.35	1.9	0.0185	0.000246	12	0.00174	0.0303	0.000124	0.000165	0.0000673	0.0828	0.00000219	0.0000717	0.000366	0.00155	0.000138
2051 Jun	0.0362	0.00000626	1.31	1.91	0.0215	0.000223	11.3	0.00166	0.0284	0.000155	0.00016	0.0000668	0.0821	0.00000203	0.0000688	0.000385	0.00145	0.000127
2051 Jul	0.0338	0.00000589	1.34	1.92	0.02	0.000232	12.3	0.00174	0.0262	0.000139	0.000158	0.0000682	0.083	0.00000206	0.0000719	0.000359	0.00142	0.000142
2051 Aug	0.0344	0.00000605	1.36	1.94	0.0201	0.000239	12.3	0.00175	0.0269	0.00014	0.000158	0.0000689	0.0839	0.00000209	0.0000727	0.00036	0.00143	0.000142
2051 Sep	0.0342	0.00000608	1.34	1.92	0.0196	0.000246	12	0.00172	0.0273	0.000135	0.000152	0.0000677	0.0829	0.00000207	0.0000725	0.00035	0.00141	0.000137
2051 Oct	0.0325	0.00000584	1.3	1.86	0.0177	0.000261	11.7	0.00165	0.0267	0.000117	0.000137	0.0000645	0.0801	0.000002	0.0000723	0.000315	0.00131	0.000133
2051 Nov	0.0324	0.00000583	1.3	1.86	0.0176	0.000264	11.7	0.00166	0.0268	0.000116	0.000136	0.0000645	0.0802	0.000002	0.0000726	0.000313	0.0013	0.000133
2051 Dec	0.0325	0.00000584	1.3	1.86	0.0176	0.000264	11.7	0.00166	0.0268	0.000116	0.000136	0.0000645	0.0802	0.000002	0.0000727	0.000313	0.00131	0.000133
2052 Jan	0.0325	0.00000584	1.3	1.86	0.0176	0.000264	11.7	0.00166	0.0268	0.000116	0.000136	0.0000645	0.0803	0.000002	0.0000727	0.000313	0.00131	0.000133
2052 Feb	0.0325	0.00000584	1.3	1.86	0.0177	0.000264	11.7	0.00166	0.0268	0.000116	0.000136	0.0000645	0.0803	0.000002	0.0000727	0.000314	0.00131	0.000133
2052 Mar	0.0326	0.00000585	1.3	1.87	0.0177	0.000265	11.7	0.00166	0.0268	0.000117	0.000136	0.0000646	0.0804	0.000002	0.0000728	0.000314	0.00131	0.000133
2052 Apr	0.0326	0.00000586	1.3	1.87	0.0177	0.000265	11.7	0.00166	0.0269	0.000117	0.000136	0.0000647	0.0806	0.000002	0.0000729	0.000315	0.00131	0.000134
2052 May	0.0334	0.00000594	1.32	1.9	0.0184	0.000267	11.8	0.00168	0.0273	0.000123	0.000138	0.0000657	0.0819	0.00000202	0.0000736	0.000323	0.00132	0.000134
2052 Jun	0.0346	0.00000594	1.34	1.95	0.0202	0.000261	11.8	0.00169	0.0273	0.000139	0.000142	0.0000673	0.0836	0.00000202	0.000074	0.000344	0.00134	0.000133
2052 Jul	0.0354	0.00000614	1.36	1.98	0.0202	0.000265	12	0.00172	0.0281	0.000139	0.000144	0.0000682	0.0846	0.00000207	0.0000753	0.000343	0.00136	0.000134
2052 Aug	0.0363	0.00000632	1.38	2.02	0.0206	0.000271	12.1	0.00175	0.029	0.000142	0.000146	0.0000696	0.0863	0.00000211	0.0000769	0.000348	0.00139	0.000135
2052 Sep	0.0363	0.00000636	1.38	2.01	0.0205	0.000274	12.1	0.00174	0.0292	0.000141	0.000145	0.0000694	0.0862	0.00000211	0.0000769	0.000346	0.00139	0.000134
2052 Oct	0.0364	0.00000639	1.38	2.01	0.0204	0.000276	12	0.00174	0.0294	0.00014	0.000144	0.0000693	0.0863	0.00000211	0.000077	0.000346	0.00139	0.000133
2052 Nov	0.0366	0.00000641	1.39	2.02	0.0205	0.000277	12.1	0.00175	0.0295	0.00014	0.000144	0.0000695	0.0865	0.00000212	0.0000773	0.000347	0.00139	0.000134
2052 Dec	0.0366	0.00000642	1.39	2.02	0.0205	0.000277	12.1	0.00175	0.0295	0.00014	0.000144	0.0000695	0.0865	0.00000212	0.0000773	0.000347	0.00139	0.000134
2053 Jan	0.0366	0.00000642	1.39	2.02	0.0205	0.000278	12.1	0.00175	0.0296	0.000141	0.000144	0.0000695	0.0866	0.00000212	0.0000773	0.000347	0.00139	0.000134
2053 Feb	0.0366	0.00000642	1.39	2.02	0.0205	0.000278	12.1	0.00175	0.0296	0.000141	0.000145	0.0000695	0.0866	0.00000212	0.0000773	0.000347	0.0014	0.000134
2053 Mar	0.0367	0.00000643	1.39	2.03	0.0206	0.000278	12.1	0.00175	0.0296	0.000141	0.000145	0.0000696	0.0868	0.00000213	0.0000774	0.000348	0.0014	0.000134
2053 Apr	0.0369	0.00000646	1.39	2.04	0.0206	0.000279	12.1	0.00176	0.0297	0.000142	0.000145	0.0000699	0.0871	0.00000213	0.0000778	0.000349	0.0014	0.000134
2053 May	0.04	0.00000663	1.43	2.14	0.0241	0.000278	12.1	0.00177	0.0309	0.000172	0.000149	0.0000726	0.0911	0.00000214	0.0000782	0.000386	0.00143	0.00013
2053 Jun	0.0406	0.00000606	1.43	2.21	0.0276	0.000259	12	0.00175	0.0285	0.000207	0.000148	0.0000743	0.0929	0.00000203	0.000077	0.000411	0.00135	0.000128
2053 Jul	0.0405	0.0000061	1.48	2.26	0.0275	0.000269	12.7	0.00184	0.0284	0.000203	0.000152	0.0000768	0.0954	0.0000021	0.0000807	0.000411	0.00138	0.000138
2053 Aug	0.0424	0.00000639	1.54	2.37	0.0287	0.000282	13.3	0.00192	0.0298	0.000213	0.000159	0.0000803	0.0998	0.0000022	0.0000844	0.00043	0.00144	0.000144
2053 Sep	0.0437	0.00000659	1.59	2.44	0.0296	0.000291	13.7	0.00198	0.0307	0.000219	0.000163	0.0000828	0.103	0.00000227	0.000087	0.000443	0.00149	0.000149
2053 Oct	0.044	0.00000664	1.6	2.46	0.0298	0.000293	13.8	0.00199	0.0309	0.00022	0.000164	0.0000833	0.104	0.00000228	0.0000877	0.000446	0.0015	0.000149
2053 Nov	0.044	0.00000664	1.6	2.46	0.0298	0.000293	13.8	0.00199	0.031	0.00022	0.000164	0.0000833	0.104	0.00000228	0.0000876	0.000445	0.0015	0.000149
2053 Dec	0.044	0.00000664	1.6	2.46	0.0298	0.000293	13.8	0.00199	0.031	0.00022	0.000164	0.0000833	0.104	0.00000228	0.0000876	0.000445	0.0015	0.000149
2054 Jan	0.044	0.00000664	1.6	2.46	0.0298	0.000293	13.8	0.00199	0.031	0.00022	0.000164	0.0000833	0.104	0.00000228	0.0000876	0.000445	0.0015	0.000149
2054 Feb	0.044	0.00000665	1.6	2.46	0.0298	0.000293	13.8	0.00199	0.031	0.00022	0.000164	0.0000833	0.104	0.00000228	0.0000877	0.000446	0.0015	0.000149
2054 Mar	0.044	0.00000665	1.6	2.46	0.0298	0.000293	13.8	0.00199	0.031	0.00022	0.000164	0.0000833	0.104	0.00000228	0.0000877	0.000446	0.0015	0.000149
2054 Apr	0.0442	0.00000667	1.61	2.47	0.0299	0.000294	13.8	0.002	0.0311	0.000221	0.000165	0.0000837	0.104	0.00000229	0.000088	0.000448	0.0015	0.00015
2054 May	0.0452	0.00000677	1.63	2.51	0.0308	0.000298	14	0.00202	0.0316	0.000228	0.000167	0.000085	0.106	0.00000232	0.000089	0.000458	0.00152	0.000151
2054 Jun	0.0483	0.00000688	1.55	2.48	0.0346	0.000265	12.2	0.00186	0.0329	0.000267	0.000168	0.0000822	0.103	0.00000217	0.0000817	0.000505	0.00151	0.000124
2054 Jul	0.0473	0.00000687	1.53	2.43	0.0333	0.000261	12	0.00183	0.0326	0.000257	0.000167	0.0000807	0.101	0.00000216	0.0000809	0.000492	0.0015	0.000122
2054 Aug	0.0479	0.00000701	1.54	2.45	0.0335	0.000266	12.1	0.00185	0.0332	0.000257	0.000168	0.0000815	0.102	0.00000218	0.0000818	0.000494	0.00152	0.000123
2054 Sep	0.048	0.00000709	1.55	2.45	0.0334	0.00027	12	0.00185	0.0336	0.000256	0.000167	0.0000816	0.102	0.0000022	0.0000821	0.000492	0.00153	0.000122
2054 Oct	0.0477	0.00000706	1.53	2.43	0.033	0.000271	11.9	0.00183	0.0335	0.000252	0.000165	0.0000807	0.101	0.00000218	0.0000816	0.000486	0.00151	0.00012
2054 Nov	0.0476	0.00000706	1.53	2.42	0.0328	0.000272	11.8	0.00182	0.0336	0.00025	0.000164	0.0000803	0.101	0.00000217	0.0000815	0.000483	0.00151	0.000119
2054 Dec	0.0476	0.00000707	1.53	2.42	0.0328	0.000273	11.8	0.00182	0.0337	0.00025	0.000163	0.0000803	0.101	0.00000217	0.0000816	0.000483	0.00151	0.000119
2055 Jan	0.0476	0.00000707	1.53	2.42	0.0328	0.000273	11.8	0.00182	0.0337	0.00025	0.000163	0.0000803	0.101	0.00000217	0.0000816	0.000483	0.00151	0.000119
2055 Feb	0.0477	0.00000707	1.53	2.43	0.0328	0.000273	11.8	0.00182	0.0337	0.00025	0.000163	0.0000803	0.101	0.00000217	0.0000816	0.000484	0.00151	0.000119
2055 Mar	0.0477	0.00000707	1.53	2.43	0.0329	0.000273	11.8	0.00182	0.0337	0.000251	0.000164	0.0000803	0.101	0.00000218	0.0000816	0.000484	0.00151	0.000119
2055 Apr	0.0479	0.0000071	1.53	2.44	0.033	0.000274	11.9	0.00183	0.0338	0.000251	0.000164	0.0000806	0.102	0.00000218	0.0000819	0.000486	0.00151	0.000119
2055 May	0.0485	0.00000719	1.55	2.47	0.0334	0.000278	12	0.00185	0.0342	0.000255	0.000166	0.0000816	0.103	0.00000221	0.0000829	0.000492	0.00153	0.000121
2055 Jun	0.0405	0.00000654	1.42	2.16	0.0263	0.000253	11.6	0.00176	0.0301	0.000193	0.000162	0.000074	0.0906	0.0000021	0.0000802	0.000422	0.00146	0.000121
2055 Jul	0.0371	0.00000617	1.43	2.12	0.0236	0.000259	12.3	0.00182	0.0277	0.000168	0.000161	0.0000742	0.0892	0.00000211	0.0000837	0.000389	0.00143	0.000133
2055 Aug	0.0385	0.00000641	1.48	2.2	0.0245	0.000268	12.8	0.00189	0.0288	0.000173	0.000167	0.0000769	0.0924	0.00000219	0.0000867	0.000403	0.00148	0.000138
2055 Sep	0.0386	0.00000646	1.48	2.2	0.0244	0.000271	12.7	0.00188	0.029	0.000172	0.000166	0.0000769	0.0925	0.00000219	0.0000868	0.000401	0.00148	0.000137
2055 Oct	0.0388	0.0000065	1.49	2.21	0.0245	0.000273	12.8	0.00189	0.0293	0.000173	0.000166	0.0000772	0.0929	0.0000022	0.0000873	0.000403	0.00149	0.000137
2055 Nov	0.0389	0.00000652	1.49	2.21	0.0245	0.000274	12.8	0.00189	0.0293	0.000173	0.000166	0.0000773	0.0931	0.00000221	0.0000875	0.000403	0.00149	0.000138
2055 Dec	0.0389	0.00000652	1.49	2.21	0.0245	0.000274	12.8	0.00189	0.0294	0.000173	0.000166	0.0000773	0.0931	0.00000221	0.0000875	0.000403	0.00149	0.000138
2056 Jan	0.039	0.00000652	1.49	2.21	0.0246	0.000275	12.8	0.00189	0.0294	0.000173	0.000166	0.0000773	0.0931	0.00000221	0.0000875	0.000404	0.00149	0.000137
2056 Feb	0.039	0.00000652	1.49	2.21	0.0246	0.000275	12.8	0.0019	0.0294	0.000173	0.000166	0.0000773	0.0932	0.00000221	0.0000875	0.000404	0.00149	0.000137
2056 Mar	0.039	0.00000653	1.49	2.22	0.0247	0.000275	12.8	0.0019	0.0294	0.000174	0.000167	0.0000774	0.0933	0.00000221	0.0000876	0.000405	0.0015	0.000138
2056 Apr	0.0392	0.00000655	1.5	2.22	0.0248	0.000276	12.8	0.0019	0.0295	0.000174	0.000167	0.0000777	0.0936	0.00000222	0.0000879	0.000406	0.0015	0.000138
2056 May	0.0418	0.00000672	1.53	2.32	0.0275	0.000276	12.8	0.00192	0.0306	0.000199	0.000171	0.0000799	0.0971	0.00000223	0.0000884	0.000436	0.00153	0.000135
2056 Jun	0.0474	0.00000658	1.54	2.49	0.0354	0.000258	12	0.00185	0.0312	0.000273	0.000168	0.0000829	0.103	0.0000021	0.0000847	0.000507	0.00147	0.000119
2056 Jul	0.0487	0.00000679	1.61	2.58	0.0362	0.00027	12.6	0.00193	0.0321	0.000279	0.000174	0.0000861	0.106	0.00000219	0.0000887	0.000518	0.00152	0.000126
2056 Aug	0.0498	0.00000699	1.64	2.63	0.0368	0.000278	12.8	0.00197	0.033	0.000283	0.000176	0.0000877	0.108	0.00000224	0.0000904	0.000525	0.00155	0.000128
2056 Sep	0.0509	0.00000716	1.67	2.68	0.0375	0.000285	13.1	0.00201	0.0338	0.000288	0.00018	0.0000896	0.111	0.00000229	0.0000925	0.000536	0.00158	0.00013

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0503	0.0000071	1.65	2.65	0.0369	0.000284	12.9	0.00198	0.0336	0.000283	0.000177	0.0000883	0.109	0.00000227	0.0000914	0.000527	0.00156	0.000128
2056 Nov	0.0502	0.00000712	1.65	2.64	0.0367	0.000285	12.8	0.00197	0.0337	0.000281	0.000176	0.0000879	0.109	0.00000226	0.0000913	0.000525	0.00156	0.000127
2056 Dec	0.0503	0.00000712	1.65	2.64	0.0367	0.000286	12.8	0.00197	0.0338	0.000281	0.000176	0.0000879	0.109	0.00000226	0.0000914	0.000525	0.00156	0.000127
2057 Jan	0.0503	0.00000712	1.65	2.64	0.0367	0.000286	12.8	0.00197	0.0338	0.000281	0.000176	0.0000879	0.109	0.00000226	0.0000914	0.000526	0.00156	0.000127
2057 Feb	0.0503	0.00000712	1.65	2.64	0.0367	0.000286	12.8	0.00197	0.0338	0.000282	0.000176	0.000088	0.109	0.00000226	0.0000914	0.000526	0.00156	0.000127
2057 Mar	0.0504	0.00000713	1.65	2.65	0.0368	0.000286	12.8	0.00197	0.0338	0.000282	0.000176	0.000088	0.109	0.00000227	0.0000915	0.000526	0.00156	0.000127
2057 Apr	0.0506	0.00000716	1.66	2.66	0.037	0.000287	12.9	0.00198	0.0339	0.000283	0.000177	0.0000884	0.11	0.00000227	0.0000918	0.000529	0.00157	0.000128
2057 May	0.0515	0.00000728	1.68	2.7	0.0377	0.000292	13.1	0.00201	0.0345	0.000289	0.000179	0.0000899	0.112	0.00000231	0.0000933	0.000538	0.00159	0.00013
2057 Jun	0.0489	0.00000702	1.56	2.51	0.0356	0.000262	11.8	0.00186	0.0332	0.000274	0.000175	0.0000835	0.103	0.00000216	0.0000867	0.000521	0.00154	0.000114
2057 Jul	0.0483	0.00000703	1.59	2.53	0.0349	0.000269	12.2	0.00191	0.033	0.000267	0.000178	0.0000848	0.104	0.00000221	0.0000896	0.000515	0.00156	0.000121
2057 Aug	0.0515	0.0000075	1.69	2.69	0.0372	0.000287	13	0.00203	0.0352	0.000284	0.00019	0.0000904	0.111	0.00000236	0.0000954	0.000549	0.00166	0.000129
2057 Sep	0.0525	0.00000764	1.72	2.74	0.0379	0.000293	13.3	0.00207	0.0359	0.000289	0.000193	0.000092	0.113	0.0000024	0.0000972	0.000559	0.00169	0.000131
2057 Oct	0.0523	0.00000763	1.71	2.73	0.0376	0.000294	13.2	0.00206	0.0359	0.000287	0.000191	0.0000915	0.113	0.00000239	0.0000969	0.000555	0.00168	0.00013
2057 Nov	0.0524	0.00000766	1.72	2.73	0.0376	0.000295	13.2	0.00206	0.0361	0.000286	0.000191	0.0000915	0.113	0.00000239	0.0000971	0.000555	0.00169	0.000129
2057 Dec	0.0524	0.00000766	1.72	2.73	0.0376	0.000296	13.2	0.00206	0.0361	0.000286	0.000191	0.0000915	0.113	0.0000024	0.0000971	0.000555	0.00169	0.000129
2058 Jan	0.0525	0.00000767	1.72	2.73	0.0376	0.000296	13.2	0.00206	0.0361	0.000286	0.000191	0.0000915	0.113	0.0000024	0.0000971	0.000555	0.00169	0.000129
2058 Feb	0.0525	0.00000767	1.72	2.73	0.0376	0.000296	13.2	0.00206	0.0361	0.000286	0.000191	0.0000915	0.113	0.0000024	0.0000971	0.000555	0.00169	0.000129
2058 Mar	0.0525	0.00000767	1.72	2.74	0.0376	0.000296	13.2	0.00206	0.0361	0.000286	0.000191	0.0000915	0.113	0.0000024	0.0000971	0.000556	0.00169	0.000129
2058 Apr	0.0527	0.00000769	1.72	2.74	0.0377	0.000297	13.2	0.00206	0.0362	0.000287	0.000192	0.0000917	0.113	0.0000024	0.0000974	0.000557	0.00169	0.00013
2058 May	0.0559	0.00000785	1.75	2.85	0.0413	0.000295	13.1	0.00207	0.0375	0.00032	0.000195	0.0000943	0.117	0.0000024	0.0000972	0.000595	0.00171	0.000125
2058 Jun	0.0552	0.00000689	1.67	2.83	0.0446	0.000267	12.2	0.00193	0.0336	0.000354	0.000178	0.0000919	0.115	0.00000214	0.0000912	0.000598	0.00151	0.000112
2058 Jul	0.0538	0.00000679	1.71	2.86	0.0433	0.00028	12.9	0.00202	0.0327	0.000341	0.000179	0.0000939	0.116	0.00000219	0.0000961	0.000583	0.00151	0.000123
2058 Aug	0.056	0.00000706	1.78	2.97	0.045	0.000291	13.5	0.0021	0.0341	0.000354	0.000186	0.0000976	0.121	0.00000228	0.0000999	0.000606	0.00157	0.000128
2058 Sep	0.056	0.00000711	1.78	2.97	0.0449	0.000294	13.4	0.00209	0.0343	0.000353	0.000186	0.0000974	0.121	0.00000229	0.0001	0.000604	0.00157	0.000128
2058 Oct	0.0559	0.00000711	1.77	2.95	0.0445	0.000296	13.3	0.00208	0.0344	0.000349	0.000184	0.0000968	0.12	0.00000228	0.0000997	0.0006	0.00157	0.000126
2058 Nov	0.056	0.00000714	1.77	2.96	0.0446	0.000297	13.3	0.00209	0.0345	0.00035	0.000184	0.000097	0.12	0.00000228	0.0000999	0.000601	0.00157	0.000126
2058 Dec	0.056	0.00000714	1.77	2.96	0.0446	0.000297	13.3	0.00209	0.0345	0.00035	0.000184	0.000097	0.12	0.00000229	0.0001	0.000601	0.00157	0.000126
2059 Jan	0.056	0.00000714	1.77	2.96	0.0446	0.000297	13.3	0.00209	0.0345	0.00035	0.000184	0.000097	0.12	0.00000229	0.0001	0.000601	0.00157	0.000126
2059 Feb	0.056	0.00000714	1.78	2.96	0.0446	0.000297	13.3	0.00209	0.0346	0.00035	0.000184	0.000097	0.12	0.00000229	0.0001	0.000601	0.00157	0.000126
2059 Mar	0.056	0.00000714	1.78	2.96	0.0446	0.000297	13.3	0.00209	0.0346	0.00035	0.000184	0.000097	0.12	0.00000229	0.0001	0.000601	0.00157	0.000126
2059 Apr	0.0562	0.00000716	1.78	2.97	0.0448	0.000298	13.4	0.00209	0.0347	0.000351	0.000185	0.0000973	0.121	0.00000229	0.0001	0.000603	0.00157	0.000127
2059 May	0.0578	0.00000729	1.81	3.03	0.0464	0.0003	13.4	0.00211	0.0354	0.000365	0.000188	0.0000989	0.123	0.00000231	0.000101	0.000622	0.0016	0.000126
2059 Jun	0.0625	0.00000751	1.81	3.13	0.0515	0.000286	12.7	0.00205	0.0373	0.000413	0.00019	0.0001	0.126	0.00000226	0.0000972	0.000677	0.00161	0.000112
2059 Jul	0.0663	0.00000798	1.92	3.32	0.0546	0.000303	13.4	0.00218	0.0396	0.000438	0.000202	0.000106	0.134	0.0000024	0.000103	0.000719	0.00171	0.000119
2059 Aug	0.0697	0.00000839	2.02	3.49	0.0574	0.000319	14.1	0.00229	0.0417	0.000461	0.000213	0.000112	0.141	0.00000253	0.000108	0.000756	0.0018	0.000125
2059 Sep	0.0702	0.00000849	2.03	3.51	0.0575	0.000324	14.2	0.0023	0.0422	0.000461	0.000213	0.000112	0.142	0.00000255	0.000109	0.000758	0.00181	0.000125
2059 Oct	0.0664	0.00000823	1.91	3.29	0.053	0.000324	13.2	0.00215	0.0413	0.000422	0.000196	0.000105	0.133	0.00000242	0.000104	0.000702	0.00171	0.000114
2059 Nov	0.0661	0.00000824	1.9	3.28	0.0525	0.000326	13.1	0.00214	0.0414	0.000418	0.000194	0.000104	0.132	0.00000241	0.000104	0.000696	0.0017	0.000113
2059 Dec	0.0661	0.00000824	1.9	3.27	0.0525	0.000326	13	0.00214	0.0414	0.000417	0.000194	0.000104	0.132	0.00000241	0.000104	0.000696	0.0017	0.000113
2060 Jan	0.0661	0.00000824	1.9	3.28	0.0525	0.000326	13	0.00214	0.0414	0.000417	0.000194	0.000104	0.132	0.00000241	0.000104	0.000696	0.0017	0.000113
2060 Feb	0.0662	0.00000825	1.9	3.28	0.0525	0.000326	13	0.00214	0.0414	0.000418	0.000194	0.000104	0.132	0.00000241	0.000104	0.000696	0.0017	0.000113
2060 Mar	0.0662	0.00000825	1.9	3.28	0.0526	0.000327	13.1	0.00214	0.0415	0.000418	0.000194	0.000104	0.133	0.00000242	0.000104	0.000697	0.0017	0.000113
2060 Apr	0.0665	0.00000828	1.91	3.29	0.0528	0.000328	13.1	0.00215	0.0416	0.00042	0.000194	0.000104	0.133	0.00000243	0.000104	0.000699	0.00171	0.000113
2060 May	0.0687	0.00000839	1.92	3.36	0.0552	0.000325	13	0.00214	0.0424	0.000442	0.000197	0.000106	0.135	0.00000242	0.000104	0.000726	0.00172	0.00011
2060 Jun	0.0662	0.00000788	1.84	3.24	0.0543	0.000301	12.3	0.00204	0.04	0.000437	0.000189	0.000102	0.13	0.00000228	0.0000986	0.000707	0.00163	0.000103
2060 Jul	0.0685	0.00000821	1.94	3.39	0.0561	0.000319	13.1	0.00216	0.0414	0.00045	0.000199	0.000107	0.136	0.00000241	0.000105	0.000732	0.00171	0.000112
2060 Aug	0.0696	0.00000842	1.97	3.44	0.0567	0.000328	13.3	0.00219	0.0424	0.000454	0.000201	0.000109	0.138	0.00000245	0.000107	0.000739	0.00174	0.000113
2060 Sep	0.0658	0.00000827	1.86	3.24	0.0525	0.000327	12.4	0.00206	0.0413	0.000417	0.000185	0.000102	0.131	0.00000236	0.000101	0.000682	0.00165	0.000103
2060 Oct	0.0653	0.00000823	1.85	3.2	0.0518	0.000327	12.3	0.00204	0.0412	0.000411	0.000183	0.000101	0.129	0.00000234	0.000101	0.000674	0.00164	0.000102
2060 Nov	0.065	0.00000822	1.84	3.19	0.0515	0.000327	12.2	0.00203	0.0411	0.000408	0.000181	0.000101	0.129	0.00000233	0.0001	0.00067	0.00163	0.000101
2060 Dec	0.065	0.00000822	1.84	3.19	0.0514	0.000328	12.2	0.00203	0.0412	0.000408	0.000181	0.000101	0.129	0.00000233	0.0001	0.00067	0.00163	0.000101
2061 Jan	0.065	0.00000822	1.84	3.19	0.0514	0.000328	12.2	0.00203	0.0412	0.000408	0.000181	0.000101	0.129	0.00000233	0.0001	0.00067	0.00163	0.000101
2061 Feb	0.065	0.00000822	1.84	3.19	0.0515	0.000328	12.2	0.00203	0.0412	0.000408	0.000181	0.000101	0.129	0.00000233	0.0001	0.00067	0.00163	0.000101
2061 Mar	0.0651	0.00000823	1.84	3.19	0.0515	0.000328	12.2	0.00203	0.0412	0.000408	0.000181	0.000101	0.129	0.00000233	0.0001	0.00067	0.00163	0.000101
2061 Apr	0.0653	0.00000826	1.85	3.2	0.0517	0.000329	12.2	0.00204	0.0413	0.00041	0.000182	0.000101	0.129	0.00000234	0.000101	0.000673	0.00164	0.000101
2061 May	0.0667	0.0000082	1.87	3.27	0.0538	0.000326	12.3	0.00205	0.0412	0.000429	0.000184	0.000103	0.132	0.00000233	0.000101	0.000692	0.00163	0.000101
2061 Jun	0.0561	0.00000677	1.75	3	0.0466	0.000308	12.7	0.00203	0.0332	0.000366	0.000169	0.000097	0.121	0.00000214	0.000102	0.000593	0.00143	0.000113
2061 Jul	0.0578	0.00000705	1.84	3.13	0.0479	0.000326	13.5	0.00215	0.0344	0.000375	0.000178	0.000102	0.126	0.00000226	0.000109	0.000613	0.0015	0.000122
2061 Aug	0.0607	0.0000074	1.93	3.29	0.0503	0.000342	14.2	0.00226	0.0361	0.000393	0.000187	0.000107	0.132	0.00000237	0.000114	0.000643	0.00158	0.000128
2061 Sep	0.0615	0.00000751	1.96	3.33	0.0509	0.000347	14.3	0.00228	0.0366	0.000398	0.000189	0.000108	0.134	0.0000024	0.000116	0.00065	0.0016	0.000129
2061 Oct	0.0595	0.00000739	1.88	3.2	0.0484	0.000346	13.7	0.00219	0.0363	0.000376	0.000179	0.000103	0.129	0.00000233	0.000112	0.00062	0.00154	0.000122
2061 Nov	0.0589	0.0000074	1.86	3.16	0.0474	0.000348	13.4	0.00215	0.0365	0.000368	0.000175	0.000102	0.127	0.00000231	0.000111	0.000609	0.00153	0.000119
2061 Dec	0.0589	0.0000074	1.86	3.15	0.0473	0.000348	13.4	0.00215	0.0366	0.000367	0.000175	0.000102	0.127	0.00000231	0.000111	0.000609	0.00153	0.000119
2062 Jan	0.059	0.00000741	1.86	3.16	0.0473	0.000349	13.4	0.00215	0.0366	0.000367	0.000175	0.000102	0.127	0.00000231	0.000111	0.000609	0.00153	0.000119
2062 Feb	0.059	0.00000741	1.86	3.16	0.0474	0.000349	13.4	0.00215	0.0366	0.000368	0.000175	0.000102	0.127	0.00000231	0.000111	0.000609	0.00153	0.000119
2062 Mar	0.0591	0.00000742	1.86	3.16	0.0475	0.000349	13.4	0.00215	0.0366	0.000368	0.000175	0.000102	0.127	0.00000232	0.000111	0.00061	0.00153	0.000119
2062 Apr	0.0593	0.00000745	1.87	3.17	0.0477	0.00035	13.5	0.00216	0.0368	0.00037	0.000176	0.000102	0.128	0.00000232	0.000112	0.000612	0.00153	0.00012
2062 May	0.06	0.00000753	1.89	3.21	0.0482	0.000354	13.6	0.00219	0.0372	0.000374	0.000178	0.000103	0.129	0.00000235	0.000113	0.000619	0.00155	0.000121
2062 Jun	0.053	0.00000728	1.71	2.82	0.0404	0.000317	12.3	0.00201	0.035	0.000308	0.000176	0.0000927	0.114	0.00000223	0.000105	0.000556	0.00153	0.000111
2062 Jul	0.0483	0.00000701	1.66	2.67	0.0359	0.000312	12.4	0.00201	0.0329	0.000267	0.000176	0.0000896	0.108	0.00000221	0.000106	0.000511	0.00152	0.000115
2062 Aug	0.0489	0.00000717	1.68	2.69	0.036	0.000318	12.4	0.00202	0.0335	0.000267	0.000177	0.0000904	0.109	0.00000224	0.000107	0.000512	0.00153	0.000115
2062 Sep	0.0481	0.00000713	1.65	2.64	0.035	0.000319	12.1	0.00198	0.0335	0.000258	0.000171	0.0000883	0.107	0.00000221	0.000106	0.000498	0.00151	0.000111
2062 Oct	0.0407	0.00000636	1.56	2.44	0.0281	0.000343	12.1	0.00193	0.0298	0.000195	0.000147	0.0000821	0.0985	0.00000209	0.000108	0.000399	0.00132	0.000115
2062 Nov	0.0406	0.00000636	1.56	2.44	0.0279	0.000346	12.2	0.00193	0.0298	0.000193	0.000146	0.0000821	0.0985	0.00000209	0.000109	0.000397	0.00132	0.000115
2062 Dec	0.0406	0.00000636	1.56	2.44	0.0279	0.000346	12.2	0.00193	0.0298	0.000193	0.000146	0.0000821	0.0985	0.00000209	0.000109	0.000397	0.00132	0.000115
2063 Jan	0.0407	0.00000637	1.56	2.44	0.0279	0.000346	12.2	0.00193	0.0298	0.000193	0.000146	0.0000821	0.0986	0.00000209	0.000109	0.000397	0.00132	0.000115
2063 Feb	0.0407	0.00000637	1.56	2.44	0.0279	0.000346	12.2	0.00193	0.0299	0.000193	0.000146	0.0000821	0.0986	0.00000209	0.000109	0.000397	0.00132	0.000115

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0407	0.00000637	1.56	2.45	0.028	0.000347	12.2	0.00193	0.0299	0.000193	0.000146	0.0000822	0.0987	0.00000209	0.000109	0.000397	0.00132	0.000115
2063 Apr	0.0408	0.00000638	1.57	2.45	0.028	0.000347	12.2	0.00194	0.0299	0.000193	0.000146	0.0000823	0.0989	0.0000021	0.000109	0.000398	0.00132	0.000115
2063 May	0.0425	0.00000648	1.59	2.52	0.0299	0.000348	12.3	0.00196	0.0306	0.00021	0.000149	0.0000842	0.102	0.00000211	0.00011	0.000419	0.00134	0.000115
2063 Jun	0.0391	0.00000567	1.56	2.49	0.0303	0.00032	12.3	0.00199	0.0257	0.000215	0.000154	0.0000852	0.0989	0.00000197	0.000113	0.000413	0.00126	0.000116
2063 Jul	0.037	0.00000552	1.6	2.51	0.0287	0.000333	13	0.00209	0.0244	0.000197	0.000157	0.0000873	0.0995	0.00000201	0.00012	0.000394	0.00125	0.000125
2063 Aug	0.0389	0.00000581	1.68	2.63	0.0301	0.00035	13.6	0.00219	0.0256	0.000207	0.000164	0.0000916	0.104	0.00000211	0.000126	0.000413	0.00132	0.000131
2063 Sep	0.0392	0.00000593	1.68	2.63	0.03	0.000355	13.5	0.00219	0.0262	0.000205	0.000163	0.0000917	0.105	0.00000213	0.000126	0.000411	0.00132	0.00013
2063 Oct	0.0388	0.00000591	1.66	2.59	0.0294	0.000354	13.3	0.00215	0.0262	0.000201	0.000159	0.00009	0.103	0.0000021	0.000124	0.000404	0.00131	0.000127
2063 Nov	0.0389	0.00000594	1.65	2.59	0.0293	0.000355	13.2	0.00214	0.0264	0.0002	0.000159	0.0000897	0.103	0.0000021	0.000124	0.000402	0.0013	0.000126
2063 Dec	0.0389	0.00000595	1.65	2.59	0.0293	0.000356	13.2	0.00214	0.0265	0.0002	0.000158	0.0000897	0.103	0.0000021	0.000124	0.000402	0.00131	0.000126
2064 Jan	0.0389	0.00000595	1.65	2.59	0.0293	0.000356	13.2	0.00214	0.0265	0.0002	0.000158	0.0000897	0.103	0.0000021	0.000124	0.000403	0.00131	0.000126
2064 Feb	0.039	0.00000595	1.65	2.59	0.0294	0.000356	13.2	0.00214	0.0265	0.0002	0.000159	0.0000897	0.103	0.00000211	0.000124	0.000403	0.00131	0.000126
2064 Mar	0.039	0.00000596	1.66	2.6	0.0294	0.000357	13.2	0.00215	0.0266	0.0002	0.000159	0.0000899	0.103	0.00000211	0.000124	0.000404	0.00131	0.000126
2064 Apr	0.0391	0.00000597	1.66	2.6	0.0295	0.000357	13.3	0.00215	0.0266	0.000201	0.000159	0.0000901	0.104	0.00000211	0.000124	0.000405	0.00131	0.000127
2064 May	0.0424	0.00000612	1.69	2.71	0.0332	0.000353	13.2	0.00215	0.0278	0.000234	0.000163	0.0000926	0.108	0.00000212	0.000124	0.000444	0.00133	0.000123
2064 Jun	0.0447	0.00000573	1.72	2.85	0.0383	0.000341	13.1	0.00216	0.0263	0.000282	0.000163	0.0000964	0.112	0.00000202	0.000126	0.000483	0.00127	0.000119
2064 Jul	0.046	0.00000593	1.79	2.95	0.0393	0.000355	13.6	0.00225	0.0271	0.000289	0.000169	0.0001	0.116	0.0000021	0.000131	0.000497	0.00131	0.000124
2064 Aug	0.0469	0.00000609	1.82	3	0.0398	0.000362	13.8	0.00229	0.0278	0.000292	0.000171	0.000101	0.118	0.00000214	0.000133	0.000502	0.00134	0.000126
2064 Sep	0.0461	0.00000614	1.78	2.92	0.0385	0.000362	13.4	0.00222	0.028	0.000281	0.000165	0.000099	0.115	0.00000211	0.00013	0.000485	0.00132	0.000121
2064 Oct	0.0463	0.00000618	1.78	2.93	0.0386	0.000365	13.4	0.00223	0.0283	0.000281	0.000165	0.0000992	0.115	0.00000212	0.00013	0.000486	0.00132	0.000121
2064 Nov	0.0465	0.00000621	1.79	2.94	0.0387	0.000366	13.4	0.00224	0.0284	0.000282	0.000166	0.0000995	0.116	0.00000213	0.00013	0.000488	0.00133	0.000121
2064 Dec	0.0465	0.00000621	1.79	2.94	0.0387	0.000366	13.4	0.00224	0.0284	0.000282	0.000166	0.0000995	0.116	0.00000213	0.000131	0.000488	0.00133	0.000121
2065 Jan	0.0465	0.00000621	1.79	2.94	0.0387	0.000366	13.4	0.00224	0.0284	0.000282	0.000166	0.0000995	0.116	0.00000213	0.000131	0.000488	0.00133	0.000121
2065 Feb	0.0466	0.00000621	1.79	2.94	0.0387	0.000366	13.4	0.00224	0.0284	0.000282	0.000166	0.0000995	0.116	0.00000213	0.000131	0.000488	0.00133	0.000121
2065 Mar	0.0466	0.00000622	1.79	2.95	0.0388	0.000367	13.5	0.00224	0.0285	0.000283	0.000166	0.0000997	0.116	0.00000213	0.000131	0.000489	0.00133	0.000121
2065 Apr	0.0468	0.00000625	1.8	2.96	0.039	0.000368	13.5	0.00225	0.0286	0.000284	0.000167	0.0001	0.116	0.00000214	0.000131	0.000491	0.00133	0.000122
2065 May	0.0487	0.00000638	1.82	3.02	0.0408	0.000369	13.5	0.00226	0.0294	0.0003	0.00017	0.000102	0.119	0.00000216	0.000131	0.000512	0.00136	0.00012
2065 Jun	0.0465	0.00000616	1.75	2.9	0.0391	0.000348	12.9	0.00218	0.0281	0.000287	0.000169	0.0000979	0.113	0.00000207	0.000128	0.000499	0.00133	0.000114
2065 Jul	0.0475	0.00000641	1.85	3.04	0.0398	0.000372	13.8	0.00234	0.0289	0.000289	0.000179	0.000103	0.119	0.0000022	0.000138	0.000511	0.0014	0.000124
2065 Aug	0.0497	0.00000673	1.94	3.18	0.0416	0.00039	14.4	0.00244	0.0303	0.000302	0.000187	0.000108	0.124	0.0000023	0.000145	0.000534	0.00146	0.000129
2065 Sep	0.0485	0.00000669	1.87	3.07	0.0398	0.000388	13.8	0.00235	0.0305	0.000287	0.000178	0.000104	0.12	0.00000224	0.00014	0.000512	0.00142	0.000123
2065 Oct	0.0456	0.00000654	1.74	2.85	0.0355	0.000387	12.7	0.00217	0.0304	0.000251	0.000159	0.0000953	0.112	0.00000213	0.000132	0.000461	0.00133	0.000111
2065 Nov	0.0451	0.00000652	1.74	2.83	0.0348	0.00039	12.7	0.00216	0.0304	0.000245	0.000157	0.0000948	0.111	0.00000212	0.000132	0.000453	0.00132	0.000111
2065 Dec	0.0451	0.00000652	1.74	2.83	0.0348	0.000391	12.7	0.00216	0.0304	0.000245	0.000157	0.0000948	0.111	0.00000212	0.000132	0.000453	0.00132	0.000111
2066 Jan	0.0451	0.00000653	1.74	2.83	0.0348	0.000391	12.7	0.00216	0.0304	0.000245	0.000157	0.0000948	0.111	0.00000213	0.000132	0.000453	0.00132	0.000111
2066 Feb	0.0452	0.00000653	1.74	2.83	0.0349	0.000391	12.7	0.00216	0.0304	0.000245	0.000157	0.0000948	0.111	0.00000213	0.000132	0.000453	0.00132	0.000111
2066 Mar	0.0453	0.00000654	1.74	2.84	0.035	0.000392	12.7	0.00217	0.0305	0.000246	0.000158	0.000095	0.111	0.00000213	0.000132	0.000454	0.00132	0.000111
2066 Apr	0.0454	0.00000656	1.75	2.85	0.0351	0.000393	12.8	0.00217	0.0306	0.000247	0.000158	0.0000953	0.112	0.00000214	0.000133	0.000456	0.00133	0.000112
2066 May	0.046	0.00000664	1.77	2.88	0.0356	0.000397	12.9	0.0022	0.031	0.00025	0.00016	0.0000964	0.113	0.00000216	0.000134	0.000462	0.00134	0.000113
2066 Jun	0.0398	0.0000062	1.67	2.65	0.0305	0.000367	12.4	0.00216	0.0274	0.000206	0.000166	0.0000917	0.103	0.00000207	0.000135	0.00042	0.00133	0.000111
2066 Jul	0.0403	0.00000644	1.78	2.81	0.031	0.000397	13.5	0.00235	0.0279	0.000204	0.000178	0.0000982	0.109	0.0000022	0.000148	0.000428	0.0014	0.000123
2066 Aug	0.0422	0.00000676	1.87	2.94	0.0324	0.000415	14.1	0.00245	0.0293	0.000213	0.000186	0.000103	0.114	0.00000231	0.000154	0.000447	0.00146	0.000128
2066 Sep	0.0425	0.00000683	1.87	2.94	0.0322	0.000419	14	0.00245	0.0298	0.000211	0.000185	0.000102	0.114	0.00000231	0.000154	0.000446	0.00146	0.000127
2066 Oct	0.0419	0.00000679	1.82	2.87	0.0312	0.000416	13.6	0.00238	0.0299	0.000204	0.000178	0.0000995	0.111	0.00000227	0.00015	0.000434	0.00143	0.000122
2066 Nov	0.0419	0.0000068	1.81	2.86	0.031	0.000417	13.5	0.00236	0.03	0.000202	0.000177	0.0000988	0.111	0.00000226	0.00015	0.000431	0.00143	0.000121
2066 Dec	0.0419	0.00000681	1.81	2.86	0.031	0.000417	13.5	0.00236	0.0301	0.000202	0.000177	0.0000988	0.111	0.00000226	0.00015	0.000431	0.00143	0.000121
2067 Jan	0.0419	0.00000681	1.81	2.86	0.031	0.000417	13.5	0.00236	0.0301	0.000202	0.000177	0.0000989	0.111	0.00000227	0.00015	0.000432	0.00143	0.000121
2067 Feb	0.042	0.00000681	1.81	2.86	0.0311	0.000417	13.5	0.00236	0.0301	0.000202	0.000177	0.0000989	0.111	0.00000227	0.00015	0.000432	0.00143	0.000121
2067 Mar	0.042	0.00000682	1.82	2.86	0.0311	0.000418	13.5	0.00237	0.0302	0.000203	0.000177	0.000099	0.111	0.00000227	0.00015	0.000433	0.00143	0.000121
2067 Apr	0.0422	0.00000684	1.82	2.87	0.0312	0.000419	13.6	0.00237	0.0302	0.000203	0.000178	0.0000992	0.111	0.00000227	0.00015	0.000434	0.00143	0.000122
2067 May	0.0439	0.00000698	1.85	2.94	0.0329	0.000421	13.7	0.0024	0.0311	0.000218	0.000181	0.000101	0.114	0.0000023	0.000151	0.000454	0.00146	0.000121
2067 Jun	0.0475	0.00000705	1.78	2.9	0.0368	0.00038	12.4	0.00223	0.0323	0.00026	0.00018	0.000098	0.113	0.00000219	0.000138	0.000501	0.00146	0.000105
2067 Jul	0.0501	0.00000747	1.88	3.07	0.0387	0.000402	13.1	0.00236	0.0342	0.000274	0.000191	0.000103	0.119	0.00000232	0.000145	0.000528	0.00154	0.000111
2067 Aug	0.0513	0.00000772	1.91	3.11	0.0392	0.000409	13.3	0.00239	0.0353	0.000277	0.000193	0.000105	0.121	0.00000237	0.000147	0.000533	0.00158	0.000111
2067 Sep	0.0518	0.00000783	1.92	3.13	0.0393	0.000415	13.3	0.0024	0.0358	0.000278	0.000194	0.000106	0.122	0.0000024	0.000148	0.000536	0.00159	0.000111
2067 Oct	0.0506	0.00000772	1.86	3.03	0.0377	0.00041	12.8	0.00231	0.0357	0.000265	0.000185	0.000102	0.118	0.00000233	0.000143	0.000515	0.00154	0.000106
2067 Nov	0.0505	0.00000773	1.85	3.01	0.0373	0.000411	12.7	0.0023	0.0359	0.000262	0.000182	0.000101	0.117	0.00000233	0.000143	0.00051	0.00154	0.000105
2067 Dec	0.0505	0.00000774	1.85	3.01	0.0373	0.000412	12.7	0.00229	0.0359	0.000261	0.000182	0.000101	0.117	0.00000233	0.000143	0.00051	0.00154	0.000105
2068 Jan	0.0505	0.00000775	1.85	3.01	0.0373	0.000412	12.7	0.0023	0.0359	0.000261	0.000182	0.000101	0.117	0.00000233	0.000143	0.000511	0.00154	0.000105
2068 Feb	0.0506	0.00000775	1.85	3.02	0.0374	0.000412	12.7	0.0023	0.036	0.000262	0.000182	0.000101	0.117	0.00000233	0.000143	0.000511	0.00154	0.000105
2068 Mar	0.0507	0.00000776	1.85	3.02	0.0375	0.000413	12.7	0.0023	0.036	0.000262	0.000183	0.000101	0.118	0.00000233	0.000143	0.000512	0.00154	0.000105
2068 Apr	0.0511	0.00000782	1.87	3.04	0.0378	0.000416	12.8	0.00232	0.0363	0.000264	0.000184	0.000102	0.119	0.00000235	0.000144	0.000516	0.00155	0.000106
2068 May	0.0534	0.00000794	1.89	3.12	0.0403	0.000413	12.8	0.00232	0.0372	0.000288	0.000187	0.000103	0.121	0.00000236	0.000143	0.000544	0.00157	0.000103
2068 Jun	0.0484	0.00000667	1.82	3.04	0.0403	0.000382	12.5	0.00227	0.0305	0.000291	0.000178	0.000102	0.117	0.00000211	0.000144	0.000518	0.00138	0.000103
2068 Jul	0.0485	0.00000679	1.86	3.09	0.0401	0.000395	12.9	0.00234	0.0308	0.000286	0.000182	0.000104	0.118	0.00000217	0.000149	0.000516	0.00141	0.000108
2068 Aug	0.0511	0.00000718	1.96	3.25	0.0421	0.000415	13.6	0.00247	0.0325	0.000301	0.000192	0.00011	0.125	0.00000229	0.000157	0.000542	0.00148	0.000113
2068 Sep	0.0511	0.00000723	1.95	3.24	0.0417	0.000418	13.5	0.00245	0.0329	0.000298	0.00019	0.000109	0.124	0.00000229	0.000156	0.000538	0.00148	0.000112
2068 Oct	0.0513	0.00000728	1.95	3.23	0.0416	0.000421	13.4	0.00245	0.0332	0.000296	0.000189	0.000109	0.124	0.00000229	0.000156	0.000537	0.00148	0.000111
2068 Nov	0.0514	0.00000731	1.95	3.24	0.0417	0.000423	13.5	0.00245	0.0333	0.000297	0.000189	0.000109	0.125	0.0000023	0.000157	0.000538	0.00149	0.000111
2068 Dec	0.0515	0.00000731	1.96	3.25	0.0417	0.000423	13.5	0.00245	0.0334	0.000297	0.000189	0.000109	0.125	0.0000023	0.000157	0.000539	0.00149	0.000112
2069 Jan	0.0515	0.00000731	1.96	3.25	0.0418	0.000423	13.5	0.00246	0.0334	0.000297	0.000189	0.000109	0.125	0.0000023	0.000157	0.000539	0.00149	0.000112
2069 Feb	0.0515	0.00000731	1.96	3.25	0.0418	0.000423	13.5	0.00246	0.0334	0.000298	0.000189	0.000109	0.125	0.0000023	0.000157	0.000539	0.00149	0.000112
2069 Mar	0.0515	0.00000731	1.96	3.25	0.0418	0.000423	13.5	0.00246	0.0334	0.000298	0.000189	0.000109	0.125	0.0000023	0.000157	0.000539	0.00149	0.000112
2069 Apr	0.0516	0.00000733	1.96	3.26	0.0419	0.000424	13.5	0.00246	0.0335	0.000298	0.00019	0.000109	0.125	0.00000231	0.000157	0.00054	0.00149	0.000112
2069 May	0.0526	0.00000747	2	3.32	0.0427	0.000432	13.8	0.00251	0.0341	0.000304	0.000193	0.000111	0.127	0.00000235	0.00016	0.000551	0.00152	0.000114
2069 Jun	0.0492	0.0000074	1.82	2.99	0.0383	0.000384	12.2	0.00228	0.0335	0.000272	0.000192	0.000101	0.115	0.00000223	0.000145	0.000525	0.00152	0.0000996
2069 Jul	0.0497	0.0000076	1.89	3.08	0.0385	0.0004	12.8	0.00238	0.0341	0.00027	0.0002	0.000105	0.118	0.00000232	0.000153	0.000533	0.00158	0.000105

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0512	0.00000786	1.95	3.17	0.0397	0.000413	13.2	0.00246	0.0352	0.000278	0.000206	0.000108	0.122	0.00000239	0.000158	0.000548	0.00163	0.000108
2069 Sep	0.0498	0.00000774	1.88	3.06	0.0377	0.000411	12.6	0.00236	0.035	0.000262	0.000195	0.000104	0.118	0.00000233	0.000152	0.000523	0.00157	0.000103
2069 Oct	0.0464	0.00000742	1.78	2.89	0.0338	0.000415	12	0.00224	0.034	0.000229	0.000177	0.0000971	0.111	0.00000222	0.000147	0.00047	0.00146	0.0000975
2069 Nov	0.046	0.00000739	1.78	2.88	0.0335	0.000418	12	0.00224	0.0339	0.000225	0.000176	0.0000969	0.111	0.00000222	0.000148	0.000465	0.00146	0.0000977
2069 Dec	0.0461	0.0000074	1.78	2.88	0.0335	0.000418	12	0.00224	0.0339	0.000225	0.000175	0.0000969	0.111	0.00000222	0.000148	0.000464	0.00146	0.0000977
2070 Jan	0.0461	0.0000074	1.78	2.88	0.0335	0.000419	12	0.00224	0.0339	0.000225	0.000175	0.0000969	0.111	0.00000222	0.000148	0.000464	0.00146	0.0000977
2070 Feb	0.0461	0.0000074	1.78	2.88	0.0335	0.000419	12	0.00224	0.0339	0.000225	0.000175	0.0000969	0.111	0.00000222	0.000148	0.000465	0.00146	0.0000977
2070 Mar	0.0462	0.0000074	1.78	2.89	0.0336	0.000419	12	0.00224	0.0339	0.000226	0.000176	0.000097	0.111	0.00000222	0.000148	0.000465	0.00146	0.0000977
2070 Apr	0.0464	0.00000743	1.79	2.9	0.0337	0.000421	12.1	0.00225	0.0341	0.000227	0.000176	0.0000974	0.111	0.00000223	0.000149	0.000467	0.00146	0.0000981
2070 May	0.0482	0.00000753	1.83	2.98	0.0358	0.000422	12.2	0.00228	0.0347	0.000245	0.00018	0.0000996	0.114	0.00000225	0.00015	0.00049	0.00148	0.0000981
2070 Jun	0.0496	0.0000071	1.87	3.13	0.0403	0.000414	12.5	0.00235	0.0326	0.000285	0.000183	0.000105	0.119	0.00000218	0.000154	0.000522	0.00143	0.0000995
2070 Jul	0.0516	0.00000742	1.95	3.26	0.0419	0.000433	13	0.00245	0.034	0.000295	0.000191	0.000109	0.124	0.00000228	0.000161	0.000544	0.00149	0.000104
2070 Aug	0.0532	0.00000768	2.01	3.36	0.043	0.000446	13.4	0.00252	0.0352	0.000304	0.000196	0.000112	0.128	0.00000235	0.000166	0.000558	0.00154	0.000107
2070 Sep	0.0525	0.00000767	1.96	3.27	0.0416	0.000445	13	0.00245	0.0354	0.000292	0.000189	0.000109	0.125	0.00000231	0.000162	0.000541	0.00151	0.000102
2070 Oct	0.0513	0.00000759	1.9	3.17	0.0398	0.000441	12.5	0.00236	0.0354	0.000278	0.00018	0.000105	0.121	0.00000226	0.000156	0.000521	0.00147	0.0000974
2070 Nov	0.0512	0.00000761	1.89	3.16	0.0396	0.000442	12.4	0.00235	0.0356	0.000276	0.000179	0.000104	0.121	0.00000226	0.000156	0.000518	0.00146	0.0000966
2070 Dec	0.0512	0.00000761	1.89	3.16	0.0395	0.000442	12.4	0.00235	0.0356	0.000276	0.000179	0.000104	0.121	0.00000226	0.000156	0.000518	0.00146	0.0000966
2071 Jan	0.0513	0.00000761	1.89	3.16	0.0396	0.000442	12.4	0.00235	0.0356	0.000276	0.000179	0.000104	0.121	0.00000226	0.000156	0.000518	0.00146	0.0000966
2071 Feb	0.0513	0.00000761	1.89	3.16	0.0396	0.000442	12.4	0.00235	0.0356	0.000276	0.000179	0.000104	0.121	0.00000226	0.000156	0.000518	0.00146	0.0000965
2071 Mar	0.0513	0.00000762	1.89	3.16	0.0396	0.000442	12.4	0.00235	0.0356	0.000276	0.000179	0.000104	0.121	0.00000226	0.000156	0.000519	0.00146	0.0000965
2071 Apr	0.0514	0.00000763	1.9	3.16	0.0397	0.000443	12.4	0.00235	0.0357	0.000277	0.000179	0.000104	0.121	0.00000226	0.000156	0.00052	0.00147	0.0000967
2071 May	0.0524	0.00000764	1.91	3.2	0.041	0.00044	12.4	0.00235	0.0359	0.000289	0.000181	0.000105	0.122	0.00000226	0.000155	0.000533	0.00147	0.0000957
2071 Jun	0.0484	0.00000695	1.88	3.14	0.0399	0.000425	12.4	0.00238	0.0316	0.000278	0.000181	0.000105	0.119	0.00000214	0.000159	0.000511	0.00139	0.0000987
2071 Jul	0.0481	0.00000705	1.94	3.23	0.0397	0.000444	13	0.0025	0.0315	0.000273	0.000188	0.000109	0.122	0.00000221	0.000168	0.000511	0.00142	0.000105
2071 Aug	0.05	0.00000734	2.02	3.35	0.0412	0.000461	13.5	0.0026	0.0328	0.000283	0.000195	0.000113	0.127	0.0000023	0.000175	0.00053	0.00148	0.000109
2071 Sep	0.0491	0.0000073	1.97	3.27	0.0399	0.000457	13.1	0.00253	0.0328	0.000273	0.000189	0.00011	0.124	0.00000226	0.00017	0.000514	0.00145	0.000105
2071 Oct	0.0485	0.00000725	1.93	3.21	0.039	0.000453	12.8	0.00247	0.0327	0.000266	0.000184	0.000108	0.121	0.00000223	0.000167	0.000503	0.00143	0.000102
2071 Nov	0.0484	0.00000726	1.92	3.19	0.0387	0.000453	12.7	0.00246	0.0329	0.000264	0.000182	0.000107	0.121	0.00000222	0.000166	0.0005	0.00142	0.000101
2071 Dec	0.0484	0.00000726	1.92	3.19	0.0386	0.000453	12.7	0.00245	0.0329	0.000263	0.000182	0.000107	0.121	0.00000222	0.000166	0.000499	0.00142	0.000101
2072 Jan	0.0484	0.00000726	1.92	3.19	0.0387	0.000453	12.7	0.00245	0.033	0.000263	0.000182	0.000107	0.121	0.00000222	0.000166	0.000499	0.00142	0.000101
2072 Feb	0.0485	0.00000727	1.92	3.19	0.0387	0.000453	12.7	0.00245	0.033	0.000263	0.000182	0.000107	0.121	0.00000222	0.000166	0.0005	0.00142	0.000101
2072 Mar	0.0485	0.00000727	1.92	3.19	0.0388	0.000453	12.7	0.00246	0.033	0.000264	0.000182	0.000107	0.121	0.00000222	0.000166	0.0005	0.00142	0.000101
2072 Apr	0.0487	0.00000729	1.93	3.2	0.0389	0.000455	12.8	0.00246	0.0331	0.000264	0.000183	0.000107	0.121	0.00000223	0.000166	0.000502	0.00142	0.000101
2072 May	0.0494	0.00000741	1.96	3.25	0.0395	0.000462	13	0.0025	0.0336	0.000269	0.000186	0.000109	0.123	0.00000227	0.000169	0.00051	0.00145	0.000103
2072 Jun	0.0466	0.0000074	1.86	3.04	0.036	0.000433	12.2	0.00239	0.0331	0.000241	0.000188	0.000103	0.115	0.00000222	0.000162	0.00049	0.00147	0.0000968
2072 Jul	0.0468	0.00000757	1.88	3.06	0.0356	0.000438	12.4	0.00243	0.0336	0.000236	0.000193	0.000104	0.116	0.00000227	0.000165	0.00049	0.00151	0.0000985
2072 Aug	0.0457	0.00000767	1.86	3	0.0339	0.000447	12.1	0.00239	0.0337	0.00022	0.000184	0.000103	0.114	0.00000227	0.000163	0.000461	0.00148	0.0000957
2072 Sep	0.0442	0.00000758	1.84	2.95	0.0324	0.000452	12	0.00236	0.0331	0.000207	0.000177	0.000101	0.112	0.00000224	0.000162	0.000437	0.00145	0.0000948
2072 Oct	0.0412	0.00000721	1.82	2.9	0.0302	0.000463	12.1	0.00237	0.0312	0.000185	0.00017	0.0001	0.11	0.00000219	0.000166	0.000403	0.00137	0.0000971
2072 Nov	0.0409	0.00000718	1.82	2.9	0.0299	0.000466	12.1	0.00238	0.0311	0.000182	0.000169	0.0001	0.109	0.00000218	0.000167	0.000399	0.00136	0.0000975
2072 Dec	0.0409	0.00000719	1.82	2.9	0.0299	0.000466	12.1	0.00238	0.0311	0.000182	0.000169	0.0001	0.109	0.00000218	0.000167	0.000399	0.00136	0.0000974
2073 Jan	0.041	0.00000719	1.82	2.9	0.0299	0.000466	12.1	0.00238	0.0312	0.000182	0.000169	0.0001	0.109	0.00000218	0.000167	0.000399	0.00136	0.0000974
2073 Feb	0.041	0.00000719	1.82	2.9	0.03	0.000466	12.1	0.00238	0.0312	0.000182	0.000169	0.0001	0.109	0.00000218	0.000167	0.000399	0.00136	0.0000973
2073 Mar	0.041	0.00000719	1.82	2.91	0.03	0.000466	12.1	0.00238	0.0312	0.000182	0.000169	0.0001	0.11	0.00000218	0.000167	0.0004	0.00136	0.0000974
2073 Apr	0.0413	0.00000724	1.83	2.93	0.0302	0.00047	12.2	0.0024	0.0314	0.000184	0.000171	0.000101	0.11	0.0000022	0.000168	0.000402	0.00137	0.0000981
2073 May	0.0447	0.00000731	1.88	3.06	0.0344	0.000465	12.3	0.00242	0.0321	0.000222	0.000176	0.000104	0.115	0.0000022	0.000169	0.000446	0.00139	0.0000969
2073 Jun	0.0465	0.00000695	1.93	3.22	0.0391	0.000456	12.5	0.0025	0.0304	0.000264	0.000183	0.00011	0.12	0.00000214	0.000174	0.000489	0.00136	0.0000981
2073 Jul	0.0467	0.00000709	2.01	3.33	0.0395	0.000478	13.2	0.00263	0.0306	0.000263	0.00019	0.000114	0.124	0.00000222	0.000184	0.000493	0.0014	0.000104
2073 Aug	0.0483	0.00000734	2.07	3.43	0.0407	0.000493	13.6	0.00271	0.0317	0.00027	0.000196	0.000118	0.128	0.00000229	0.000189	0.000507	0.00144	0.000107
2073 Sep	0.0481	0.00000735	2.05	3.41	0.0402	0.000492	13.4	0.00269	0.0318	0.000267	0.000194	0.000116	0.127	0.00000228	0.000188	0.000502	0.00143	0.000106
2073 Oct	0.0471	0.00000726	1.99	3.3	0.0386	0.000484	12.9	0.00259	0.0318	0.000255	0.000185	0.000112	0.123	0.00000223	0.000181	0.000484	0.0014	0.000101
2073 Nov	0.0469	0.00000727	1.97	3.27	0.0382	0.000484	12.8	0.00256	0.032	0.000252	0.000183	0.000111	0.122	0.00000222	0.00018	0.000479	0.00139	0.0000994
2073 Dec	0.0469	0.00000728	1.97	3.27	0.0382	0.000484	12.8	0.00256	0.0321	0.000252	0.000183	0.000111	0.122	0.00000222	0.00018	0.000479	0.00139	0.0000994
2074 Jan	0.047	0.00000728	1.97	3.27	0.0382	0.000484	12.8	0.00256	0.0321	0.000252	0.000183	0.000111	0.122	0.00000222	0.00018	0.000479	0.00139	0.0000993
2074 Feb	0.047	0.00000728	1.97	3.27	0.0382	0.000484	12.8	0.00256	0.0321	0.000252	0.000183	0.000111	0.122	0.00000222	0.00018	0.00048	0.00139	0.0000993
2074 Mar	0.047	0.00000729	1.97	3.27	0.0383	0.000484	12.8	0.00256	0.0321	0.000252	0.000183	0.000111	0.122	0.00000222	0.00018	0.00048	0.00139	0.0000994
2074 Apr	0.0473	0.00000733	1.98	3.29	0.0385	0.000487	12.9	0.00258	0.0323	0.000253	0.000184	0.000112	0.123	0.00000223	0.000181	0.000483	0.0014	0.0000999
2074 May	0.0512	0.00000739	2.03	3.44	0.0434	0.00048	12.9	0.0026	0.033	0.000299	0.00019	0.000116	0.129	0.00000223	0.000181	0.000535	0.00142	0.000098
2074 Jun	0.0493	0.00000668	2.07	3.54	0.0455	0.000476	13.2	0.0027	0.029	0.000315	0.000194	0.00012	0.131	0.00000212	0.000191	0.000541	0.00133	0.000102
2074 Jul	0.0508	0.00000696	2.18	3.72	0.047	0.000505	14	0.00287	0.0299	0.000323	0.000205	0.000126	0.137	0.00000223	0.000204	0.000559	0.00139	0.000109
2074 Aug	0.0536	0.00000734	2.3	3.92	0.0496	0.000533	14.8	0.00303	0.0316	0.00034	0.000216	0.000133	0.144	0.00000235	0.000215	0.000589	0.00147	0.000115
2074 Sep	0.0528	0.00000732	2.24	3.82	0.048	0.000528	14.3	0.00294	0.0318	0.000328	0.000208	0.000129	0.141	0.00000231	0.000209	0.000572	0.00144	0.00011
2074 Oct	0.052	0.00000729	2.19	3.73	0.0466	0.000522	13.9	0.00286	0.0319	0.000318	0.000202	0.000126	0.138	0.00000228	0.000204	0.000557	0.00142	0.000107
2074 Nov	0.0519	0.00000728	2.18	3.72	0.0464	0.000521	13.9	0.00285	0.032	0.000316	0.000201	0.000125	0.137	0.00000227	0.000203	0.000555	0.00141	0.000106
2074 Dec	0.0519	0.00000729	2.18	3.72	0.0463	0.000521	13.9	0.00285	0.032	0.000316	0.0002	0.000125	0.137	0.00000227	0.000203	0.000554	0.00141	0.000106
2075 Jan	0.0519	0.00000729	2.18	3.72	0.0463	0.000521	13.9	0.00285	0.032	0.000316	0.0002	0.000125	0.137	0.00000227	0.000203	0.000554	0.00141	0.000106
2075 Feb	0.052	0.00000729	2.18	3.72	0.0464	0.000521	13.9	0.00285	0.032	0.000316	0.000201	0.000125	0.137	0.00000227	0.000203	0.000555	0.00141	0.000106
2075 Mar	0.052	0.0000073	2.18	3.72	0.0464	0.000522	13.9	0.00285	0.0321	0.000316	0.000201	0.000125	0.138	0.00000227	0.000203	0.000556	0.00141	0.000106
2075 Apr	0.0523	0.00000734	2.19	3.74	0.0467	0.000525	14	0.00287	0.0322	0.000318	0.000202	0.000126	0.138	0.00000229	0.000204	0.000559	0.00142	0.000107
2075 May	0.0531	0.00000744	2.22	3.79	0.0475	0.000531	14.1	0.0029	0.0327	0.000324	0.000205	0.000128	0.14	0.00000232	0.000207	0.000568	0.00144	0.000108
2075 Jun	0.0466	0.00000725	2.03	3.38	0.0397	0.000483	12.8	0.00269	0.0309	0.000261	0.000204	0.000116	0.124	0.00000221	0.000194	0.00051	0.00145	0.0000991
2075 Jul	0.0447	0.00000729	2.06	3.39	0.0379	0.000498	13.2	0.00279	0.0303	0.00024	0.000211	0.000118	0.124	0.00000226	0.000203	0.000496	0.00148	0.000104
2075 Aug	0.0461	0.00000753	2.13	3.49	0.039	0.000513	13.6	0.00287	0.0313	0.000247	0.000217	0.000121	0.128	0.00000233	0.000209	0.00051	0.00152	0.000107
2075 Sep	0.0466	0.00000763	2.15	3.53	0.0394	0.000519	13.7	0.00289	0.0318	0.000249	0.000219	0.000123	0.129	0.00000236	0.000211	0.000515	0.00154	0.000108
2075 Oct	0.0464	0.00000761	2.13	3.5	0.0389	0.000517	13.5	0.00286	0.0318	0.000246	0.000217	0.000121	0.128	0.00000234	0.000209	0.000509	0.00153	0.000106
2075 Nov	0.0464	0.00000763	2.12	3.49	0.0387	0.000518	13.5	0.00285	0.032	0.000244	0.000215	0.000121	0.128	0.00000234	0.000208	0.000508	0.00153	0.000106
2075 Dec	0.0465	0.00000764	2.12	3.49	0.0387	0.000518	13.5	0.00285	0.0321	0.000244	0.000215	0.000121	0.128	0.00000234	0.000208	0.000507	0.00153	0.000106

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0465	0.00000765	2.12	3.49	0.0387	0.000518	13.5	0.00285	0.0321	0.000244	0.000215	0.000121	0.128	0.00000234	0.000208	0.000507	0.00153	0.000105
2076 Feb	0.0465	0.00000765	2.12	3.49	0.0388	0.000518	13.5	0.00285	0.0321	0.000244	0.000215	0.000121	0.128	0.00000234	0.000208	0.000508	0.00153	0.000105
2076 Mar	0.0466	0.00000766	2.13	3.49	0.0388	0.000519	13.5	0.00285	0.0322	0.000245	0.000215	0.000121	0.128	0.00000234	0.000208	0.000509	0.00153	0.000106
2076 Apr	0.0468	0.00000768	2.13	3.5	0.039	0.00052	13.5	0.00286	0.0323	0.000245	0.000216	0.000121	0.128	0.00000235	0.000209	0.000511	0.00153	0.000106
2076 May	0.049	0.00000782	2.16	3.57	0.0411	0.000519	13.5	0.00287	0.0332	0.000265	0.000219	0.000123	0.131	0.00000237	0.000208	0.000535	0.00156	0.000105
2076 Jun	0.0489	0.00000748	2.03	3.42	0.0419	0.000471	12.4	0.00267	0.0322	0.000281	0.000211	0.000117	0.126	0.00000221	0.000192	0.000544	0.0015	0.0000934
2076 Jul	0.0488	0.0000076	2.11	3.53	0.042	0.000496	13.1	0.00281	0.0322	0.000276	0.000219	0.000121	0.129	0.00000229	0.000204	0.000544	0.00153	0.0000997
2076 Aug	0.0511	0.00000796	2.21	3.69	0.0439	0.00052	13.7	0.00294	0.0337	0.000289	0.000229	0.000127	0.135	0.00000239	0.000213	0.000569	0.0016	0.000104
2076 Sep	0.0518	0.00000809	2.24	3.74	0.0444	0.000527	13.8	0.00298	0.0343	0.000292	0.000231	0.000128	0.137	0.00000243	0.000216	0.000576	0.00162	0.000105
2076 Oct	0.0506	0.00000797	2.17	3.62	0.0427	0.000518	13.3	0.00287	0.0342	0.00028	0.000222	0.000124	0.133	0.00000237	0.000208	0.000556	0.00158	0.000101
2076 Nov	0.0505	0.00000797	2.15	3.59	0.0423	0.000517	13.2	0.00284	0.0343	0.000276	0.000219	0.000123	0.132	0.00000236	0.000207	0.00055	0.00157	0.0000994
2076 Dec	0.0505	0.00000798	2.15	3.59	0.0422	0.000518	13.2	0.00284	0.0344	0.000276	0.000219	0.000123	0.132	0.00000236	0.000206	0.00055	0.00157	0.0000994
2077 Jan	0.0505	0.00000798	2.15	3.59	0.0423	0.000518	13.2	0.00284	0.0344	0.000276	0.000219	0.000123	0.132	0.00000236	0.000206	0.00055	0.00157	0.0000993
2077 Feb	0.0505	0.00000798	2.15	3.59	0.0423	0.000518	13.2	0.00284	0.0344	0.000276	0.000219	0.000123	0.132	0.00000236	0.000206	0.000551	0.00157	0.0000993
2077 Mar	0.0506	0.00000798	2.15	3.59	0.0424	0.000518	13.2	0.00284	0.0344	0.000277	0.000219	0.000123	0.132	0.00000236	0.000207	0.000551	0.00157	0.0000993
2077 Apr	0.0508	0.00000801	2.16	3.61	0.0425	0.00052	13.3	0.00285	0.0346	0.000278	0.00022	0.000123	0.132	0.00000237	0.000207	0.000553	0.00157	0.0000997
2077 May	0.0529	0.00000811	2.18	3.66	0.0447	0.000515	13.2	0.00285	0.0354	0.000299	0.000221	0.000124	0.135	0.00000237	0.000205	0.000578	0.00159	0.0000978
2077 Jun	0.0534	0.00000761	2.11	3.63	0.0473	0.000482	12.6	0.00273	0.0335	0.000328	0.000215	0.000122	0.133	0.00000222	0.000197	0.000594	0.0015	0.0000912
2077 Jul	0.0556	0.00000797	2.2	3.78	0.0491	0.000502	13.1	0.00285	0.035	0.00034	0.000225	0.000127	0.139	0.00000233	0.000205	0.000618	0.00157	0.0000951
2077 Aug	0.0581	0.00000834	2.3	3.95	0.0513	0.000525	13.7	0.00298	0.0366	0.000355	0.000234	0.000133	0.145	0.00000243	0.000214	0.000645	0.00164	0.0000992
2077 Sep	0.0559	0.00000815	2.19	3.75	0.0483	0.000511	13	0.00282	0.0361	0.000333	0.00022	0.000126	0.138	0.00000234	0.000203	0.000609	0.00158	0.0000928
2077 Oct	0.0554	0.00000815	2.16	3.7	0.0473	0.00051	12.7	0.00277	0.0364	0.000325	0.000215	0.000124	0.136	0.00000233	0.0002	0.000598	0.00156	0.0000906
2077 Nov	0.0555	0.00000818	2.16	3.7	0.0472	0.000511	12.7	0.00277	0.0366	0.000324	0.000214	0.000124	0.136	0.00000233	0.0002	0.000598	0.00156	0.0000903
2077 Dec	0.0555	0.00000819	2.16	3.7	0.0472	0.000512	12.7	0.00277	0.0366	0.000324	0.000214	0.000124	0.136	0.00000233	0.0002	0.000597	0.00156	0.0000902
2078 Jan	0.0556	0.00000819	2.16	3.7	0.0473	0.000512	12.7	0.00277	0.0366	0.000324	0.000214	0.000124	0.136	0.00000233	0.0002	0.000598	0.00156	0.0000902
2078 Feb	0.0556	0.00000819	2.16	3.7	0.0473	0.000512	12.7	0.00277	0.0366	0.000324	0.000214	0.000124	0.136	0.00000233	0.0002	0.000598	0.00156	0.0000902
2078 Mar	0.0556	0.00000819	2.16	3.7	0.0473	0.000512	12.7	0.00277	0.0366	0.000324	0.000215	0.000124	0.136	0.00000233	0.0002	0.000598	0.00156	0.0000902
2078 Apr	0.056	0.00000825	2.18	3.73	0.0476	0.000515	12.8	0.00279	0.0369	0.000327	0.000216	0.000124	0.137	0.00000235	0.000201	0.000602	0.00157	0.0000908
2078 May	0.0587	0.00000818	2.2	3.82	0.0514	0.000504	12.7	0.00278	0.037	0.000363	0.000218	0.000127	0.141	0.00000232	0.000199	0.000638	0.00156	0.0000883
2078 Jun	0.0541	0.00000742	2.21	3.84	0.0502	0.000514	13	0.00289	0.0323	0.000347	0.000216	0.000129	0.14	0.0000022	0.000211	0.000603	0.00145	0.000094
2078 Jul	0.0565	0.00000779	2.33	4.04	0.0525	0.000543	13.8	0.00305	0.0337	0.000362	0.000227	0.000136	0.147	0.00000232	0.000224	0.000631	0.00152	0.0000996
2078 Aug	0.0579	0.00000801	2.38	4.13	0.0536	0.000556	14.1	0.00312	0.0347	0.000369	0.000232	0.000139	0.15	0.00000238	0.000228	0.000644	0.00156	0.000102
2078 Sep	0.0584	0.00000811	2.4	4.16	0.0539	0.000562	14.2	0.00314	0.0352	0.000371	0.000233	0.00014	0.151	0.0000024	0.00023	0.000648	0.00157	0.000102
2078 Oct	0.0577	0.00000806	2.36	4.09	0.0528	0.000557	13.9	0.00308	0.0352	0.000363	0.000228	0.000137	0.149	0.00000238	0.000226	0.000636	0.00155	0.0000997
2078 Nov	0.0576	0.00000807	2.35	4.07	0.0524	0.000557	13.8	0.00306	0.0353	0.00036	0.000226	0.000136	0.148	0.00000237	0.000225	0.000632	0.00155	0.0000989
2078 Dec	0.0576	0.00000808	2.35	4.07	0.0524	0.000557	13.8	0.00306	0.0354	0.00036	0.000226	0.000136	0.148	0.00000237	0.000225	0.000632	0.00155	0.0000989
2079 Jan	0.0577	0.00000808	2.35	4.07	0.0524	0.000557	13.8	0.00306	0.0354	0.00036	0.000226	0.000136	0.148	0.00000237	0.000225	0.000632	0.00155	0.0000988
2079 Feb	0.0577	0.00000808	2.35	4.07	0.0525	0.000557	13.8	0.00306	0.0354	0.00036	0.000226	0.000136	0.148	0.00000237	0.000225	0.000632	0.00155	0.0000988
2079 Mar	0.0577	0.00000808	2.35	4.07	0.0525	0.000557	13.8	0.00306	0.0354	0.000361	0.000226	0.000137	0.148	0.00000238	0.000225	0.000633	0.00155	0.0000989
2079 Apr	0.058	0.00000811	2.36	4.09	0.0527	0.00056	13.9	0.00308	0.0355	0.000362	0.000227	0.000137	0.149	0.00000238	0.000226	0.000636	0.00155	0.0000992
2079 May	0.059	0.00000824	2.4	4.15	0.0536	0.000568	14.1	0.00312	0.0361	0.000368	0.000231	0.000139	0.151	0.00000242	0.000229	0.000646	0.00158	0.000101
2079 Jun	0.0515	0.00000778	2.14	3.65	0.0454	0.000503	12.4	0.00282	0.0333	0.000305	0.000222	0.000124	0.133	0.00000224	0.000208	0.000578	0.00153	0.0000895
2079 Jul	0.0496	0.00000774	2.18	3.68	0.0439	0.000522	12.8	0.00292	0.0324	0.000286	0.000226	0.000126	0.133	0.00000227	0.000219	0.00056	0.00153	0.0000943
2079 Aug	0.0515	0.00000806	2.26	3.81	0.0454	0.000541	13.3	0.00303	0.0338	0.000297	0.000235	0.000131	0.138	0.00000236	0.000226	0.000579	0.00159	0.0000976
2079 Sep	0.0508	0.00000802	2.21	3.73	0.0441	0.000536	12.9	0.00295	0.0339	0.000287	0.000227	0.000127	0.135	0.00000233	0.000221	0.000564	0.00156	0.0000943
2079 Oct	0.0502	0.00000796	2.17	3.65	0.0431	0.000531	12.7	0.00289	0.0339	0.00028	0.000221	0.000125	0.132	0.00000229	0.000216	0.000552	0.00154	0.0000918
2079 Nov	0.0499	0.00000795	2.15	3.62	0.0425	0.00053	12.5	0.00285	0.034	0.000275	0.000218	0.000123	0.131	0.00000228	0.000214	0.000545	0.00152	0.0000904
2079 Dec	0.0496	0.00000793	2.13	3.59	0.0419	0.000531	12.4	0.00283	0.034	0.00027	0.000215	0.000122	0.13	0.00000227	0.000213	0.000538	0.00151	0.0000897
2080 Jan	0.0496	0.00000793	2.13	3.6	0.0419	0.000531	12.4	0.00283	0.034	0.00027	0.000215	0.000122	0.13	0.00000227	0.000213	0.000538	0.00151	0.0000897
2080 Feb	0.0497	0.00000793	2.14	3.6	0.042	0.000531	12.4	0.00284	0.034	0.000271	0.000215	0.000122	0.13	0.00000227	0.000213	0.000539	0.00151	0.0000897
2080 Mar	0.0497	0.00000794	2.14	3.6	0.0421	0.000531	12.4	0.00284	0.0341	0.000271	0.000215	0.000122	0.131	0.00000227	0.000213	0.000539	0.00151	0.0000897
2080 Apr	0.0499	0.00000796	2.14	3.61	0.0422	0.000533	12.5	0.00284	0.0342	0.000272	0.000216	0.000123	0.131	0.00000228	0.000214	0.000541	0.00152	0.0000899
2080 May	0.0507	0.00000809	2.18	3.67	0.0429	0.000541	12.7	0.00289	0.0347	0.000276	0.000219	0.000125	0.133	0.00000232	0.000217	0.00055	0.00154	0.0000914
2080 Jun	0.0465	0.00000786	2.1	3.49	0.0389	0.000525	12.3	0.00284	0.0329	0.000241	0.00022	0.00012	0.126	0.00000226	0.000215	0.000515	0.00153	0.0000901
2080 Jul	0.0446	0.00000782	2.13	3.51	0.0374	0.000539	12.6	0.00293	0.0319	0.000224	0.000225	0.000122	0.126	0.00000228	0.000224	0.000497	0.00153	0.0000939
2080 Aug	0.0457	0.00000804	2.17	3.57	0.038	0.000549	12.8	0.00298	0.0328	0.000228	0.000228	0.000124	0.128	0.00000233	0.000228	0.000505	0.00156	0.0000952
2080 Sep	0.0455	0.00000804	2.14	3.53	0.0374	0.000546	12.6	0.00293	0.033	0.000223	0.000224	0.000123	0.127	0.00000232	0.000224	0.000496	0.00155	0.0000931
2080 Oct	0.0452	0.00000802	2.12	3.48	0.0368	0.000544	12.4	0.00289	0.0331	0.00022	0.00022	0.000121	0.125	0.0000023	0.000221	0.00049	0.00153	0.0000915
2080 Nov	0.0449	0.00000798	2.1	3.46	0.0364	0.000542	12.3	0.00287	0.033	0.000217	0.000217	0.00012	0.124	0.00000229	0.000219	0.000484	0.00152	0.0000906
2080 Dec	0.0449	0.00000798	2.1	3.46	0.0363	0.000543	12.3	0.00287	0.033	0.000216	0.000217	0.00012	0.124	0.00000229	0.000219	0.000483	0.00152	0.0000905
2081 Jan	0.0449	0.00000798	2.1	3.46	0.0364	0.000543	12.3	0.00287	0.0331	0.000216	0.000217	0.00012	0.124	0.00000229	0.000219	0.000484	0.00152	0.0000905
2081 Feb	0.0449	0.00000798	2.1	3.46	0.0364	0.000543	12.3	0.00287	0.0331	0.000216	0.000217	0.00012	0.124	0.00000229	0.000219	0.000484	0.00152	0.0000905
2081 Mar	0.045	0.00000798	2.1	3.46	0.0365	0.000543	12.3	0.00287	0.0331	0.000217	0.000217	0.00012	0.124	0.00000229	0.00022	0.000485	0.00152	0.0000905
2081 Apr	0.0452	0.00000801	2.11	3.47	0.0366	0.000545	12.3	0.00288	0.0332	0.000217	0.000218	0.00012	0.125	0.0000023	0.00022	0.000487	0.00153	0.0000909
2081 May	0.0484	0.00000808	2.15	3.59	0.0405	0.00054	12.4	0.00289	0.034	0.000253	0.000221	0.000123	0.129	0.0000023	0.000219	0.000526	0.00154	0.0000893
2081 Jun	0.0477	0.0000077	2.19	3.69	0.0422	0.000548	12.6	0.00298	0.0318	0.000266	0.000223	0.000127	0.132	0.00000224	0.000228	0.000531	0.00148	0.0000922
2081 Jul	0.05	0.00000813	2.32	3.91	0.0443	0.000584	13.5	0.00318	0.0334	0.000277	0.000237	0.000135	0.14	0.00000238	0.000243	0.000558	0.00157	0.0000986
2081 Aug	0.0527	0.00000858	2.45	4.13	0.0467	0.000616	14.2	0.00335	0.0352	0.000292	0.00025	0.000142	0.148	0.00000251	0.000257	0.000588	0.00165	0.000104
2081 Sep	0.0528	0.00000862	2.44	4.11	0.0465	0.000616	14.1	0.00333	0.0355	0.00029	0.000248	0.000142	0.147	0.00000251	0.000255	0.000585	0.00165	0.000103
2081 Oct	0.0527	0.00000862	2.43	4.1	0.0462	0.000616	14.1	0.00332	0.0356	0.000288	0.000247	0.000141	0.147	0.0000025	0.000254	0.000582	0.00165	0.000102
2081 Nov	0.052	0.00000854	2.39	4.02	0.0452	0.000609	13.8	0.00325	0.0355	0.000282	0.000241	0.000138	0.144	0.00000247	0.000249	0.000571	0.00162	0.0001
2081 Dec	0.0519	0.00000854	2.38	4.01	0.045	0.000608	13.7	0.00324	0.0355	0.00028	0.000239	0.000137	0.144	0.00000246	0.000248	0.000569	0.00162	0.0000994
2082 Jan	0.052	0.00000854	2.38	4.01	0.045	0.000608	13.7	0.00324	0.0356	0.00028	0.000239	0.000137	0.144	0.00000246	0.000248	0.000569	0.00162	0.0000993
2082 Feb	0.0521	0.00000854	2.38	4.01	0.0451	0.000608	13.7	0.00324	0.0356	0.000281	0.000239	0.000137	0.144	0.00000246	0.000248	0.00057	0.00162	0.0000992
2082 Mar	0.0521	0.00000855	2.38	4.01	0.0452	0.000608	13.7	0.00324	0.0356	0.000281	0.00024	0.000138	0.144	0.00000246	0.000248	0.00057	0.00162	0.0000993
2082 Apr	0.0523	0.00000857	2.39	4.03	0.0453	0.00061	13.8	0.00325	0.0357	0.000282	0.00024	0.000138	0.144	0.00000247	0.000249	0.000572	0.00162	0.0000996
2082 May	0.0531	0.0000087	2.43	4.09	0.046	0.000619	14	0.0033	0.0363	0.000286	0.000244	0.00014	0.146	0.00000251	0.000253	0.000581	0.00165	0.000101

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.0466	0.00000826	2.17	3.59	0.0387	0.00055	12.4	0.00298	0.0338	0.000232	0.000235	0.000125	0.128	0.00000233	0.00023	0.000522	0.0016	0.00009
2082 Jul	0.0424	0.00000796	2.18	3.56	0.0357	0.000562	12.5	0.00306	0.0313	0.000201	0.000238	0.000126	0.126	0.00000231	0.00024	0.000486	0.00157	0.0000943
2082 Aug	0.044	0.00000827	2.26	3.69	0.0369	0.000583	13	0.00317	0.0325	0.000208	0.000246	0.00013	0.13	0.00000239	0.000249	0.000503	0.00163	0.0000976
2082 Sep	0.0444	0.00000837	2.27	3.71	0.0372	0.000589	13.1	0.00319	0.033	0.000209	0.000247	0.000131	0.131	0.00000242	0.00025	0.000506	0.00164	0.000098
2082 Oct	0.0433	0.0000082	2.16	3.53	0.035	0.000572	12.4	0.00302	0.0331	0.000195	0.000231	0.000124	0.125	0.00000233	0.000237	0.00048	0.00158	0.0000913
2082 Nov	0.0434	0.00000824	2.16	3.52	0.0348	0.000573	12.3	0.003	0.0334	0.000194	0.00023	0.000123	0.125	0.00000233	0.000236	0.000478	0.00157	0.0000906
2082 Dec	0.0434	0.00000824	2.16	3.52	0.0348	0.000574	12.3	0.003	0.0334	0.000194	0.000229	0.000123	0.125	0.00000233	0.000236	0.000478	0.00158	0.0000906
2083 Jan	0.0435	0.00000825	2.16	3.52	0.0349	0.000574	12.3	0.003	0.0334	0.000194	0.000229	0.000123	0.125	0.00000234	0.000236	0.000478	0.00158	0.0000906
2083 Feb	0.0435	0.00000825	2.16	3.53	0.0349	0.000574	12.3	0.003	0.0335	0.000194	0.000229	0.000123	0.125	0.00000234	0.000236	0.000479	0.00158	0.0000906
2083 Mar	0.0436	0.00000826	2.16	3.53	0.035	0.000574	12.3	0.003	0.0335	0.000194	0.00023	0.000123	0.125	0.00000234	0.000236	0.00048	0.00158	0.0000906
2083 Apr	0.0438	0.00000829	2.17	3.55	0.0351	0.000577	12.4	0.00302	0.0336	0.000195	0.000231	0.000124	0.126	0.00000235	0.000237	0.000482	0.00158	0.000091
2083 May	0.0471	0.00000842	2.19	3.63	0.0386	0.000568	12.3	0.00301	0.0348	0.000229	0.000233	0.000126	0.13	0.00000236	0.000233	0.00052	0.00161	0.0000886
2083 Jun	0.0473	0.0000078	2.21	3.74	0.0422	0.000559	12.3	0.00303	0.0318	0.000262	0.00023	0.000129	0.132	0.00000223	0.000237	0.000537	0.0015	0.0000884
2083 Jul	0.0472	0.00000796	2.3	3.87	0.0425	0.000589	12.9	0.00319	0.0319	0.000258	0.000239	0.000134	0.137	0.0000023	0.000251	0.000538	0.00153	0.000094
2083 Aug	0.0482	0.00000819	2.31	3.89	0.0426	0.000593	12.9	0.0032	0.033	0.000259	0.000239	0.000135	0.138	0.00000234	0.000251	0.000538	0.00156	0.0000935
2083 Sep	0.0479	0.00000817	2.28	3.82	0.0417	0.000588	12.7	0.00314	0.0332	0.000253	0.000233	0.000132	0.135	0.00000232	0.000246	0.000527	0.00154	0.0000911
2083 Oct	0.0456	0.00000792	2.22	3.73	0.0393	0.00059	12.4	0.00308	0.0322	0.000233	0.000223	0.000129	0.132	0.00000226	0.000244	0.000495	0.00147	0.0000898
2083 Nov	0.0447	0.00000785	2.22	3.72	0.0387	0.000596	12.5	0.00309	0.0318	0.000226	0.000221	0.000129	0.131	0.00000225	0.000246	0.000485	0.00145	0.0000905
2083 Dec	0.0447	0.00000785	2.22	3.72	0.0386	0.000597	12.5	0.00309	0.0318	0.000225	0.000221	0.000129	0.131	0.00000225	0.000246	0.000484	0.00145	0.0000904
2084 Jan	0.0448	0.00000785	2.22	3.72	0.0386	0.000597	12.5	0.00309	0.0318	0.000225	0.000221	0.000129	0.131	0.00000225	0.000246	0.000485	0.00145	0.0000904
2084 Feb	0.0448	0.00000785	2.22	3.72	0.0387	0.000597	12.5	0.00309	0.0318	0.000226	0.000221	0.000129	0.131	0.00000225	0.000246	0.000485	0.00145	0.0000904
2084 Mar	0.0449	0.00000786	2.23	3.73	0.0387	0.000597	12.5	0.00309	0.0318	0.000226	0.000221	0.000129	0.131	0.00000225	0.000246	0.000486	0.00145	0.0000905
2084 Apr	0.0452	0.00000791	2.24	3.75	0.039	0.000601	12.6	0.00311	0.032	0.000227	0.000223	0.00013	0.132	0.00000227	0.000248	0.000489	0.00146	0.0000911
2084 May	0.0486	0.00000803	2.28	3.86	0.0429	0.000595	12.6	0.00312	0.0331	0.000264	0.000227	0.000132	0.137	0.00000228	0.000246	0.000531	0.00149	0.0000893
2084 Jun	0.0476	0.00000751	2.32	3.99	0.0454	0.000601	12.8	0.00323	0.03	0.000282	0.00023	0.000137	0.14	0.00000219	0.000256	0.00054	0.00141	0.0000917
2084 Jul	0.0488	0.00000778	2.43	4.16	0.0467	0.000633	13.4	0.0034	0.0308	0.000287	0.00024	0.000144	0.146	0.00000228	0.00027	0.000555	0.00146	0.0000969
2084 Aug	0.0504	0.00000806	2.51	4.29	0.0481	0.000653	13.9	0.00351	0.0319	0.000296	0.000248	0.000148	0.15	0.00000235	0.000279	0.000572	0.00151	0.0000998
2084 Sep	0.0502	0.00000805	2.48	4.25	0.0476	0.00065	13.7	0.00347	0.032	0.000292	0.000245	0.000147	0.149	0.00000234	0.000276	0.000566	0.0015	0.0000985
2084 Oct	0.0493	0.00000797	2.42	4.14	0.0461	0.000639	13.3	0.00337	0.032	0.000282	0.000236	0.000142	0.145	0.0000023	0.000268	0.000549	0.00147	0.000095
2084 Nov	0.0491	0.00000796	2.39	4.09	0.0455	0.000635	13.2	0.00333	0.0322	0.000278	0.000233	0.00014	0.144	0.00000229	0.000264	0.000543	0.00146	0.0000935
2084 Dec	0.0491	0.00000797	2.39	4.09	0.0454	0.000636	13.2	0.00333	0.0323	0.000278	0.000233	0.00014	0.144	0.00000229	0.000264	0.000543	0.00146	0.0000934
2085 Jan	0.0492	0.00000797	2.39	4.09	0.0455	0.000636	13.2	0.00332	0.0323	0.000278	0.000233	0.00014	0.144	0.00000229	0.000264	0.000543	0.00146	0.0000934
2085 Feb	0.0492	0.00000797	2.39	4.1	0.0455	0.000636	13.2	0.00333	0.0323	0.000278	0.000233	0.00014	0.144	0.00000229	0.000264	0.000543	0.00146	0.0000934
2085 Mar	0.0492	0.00000797	2.39	4.1	0.0455	0.000636	13.2	0.00333	0.0323	0.000278	0.000233	0.00014	0.144	0.00000229	0.000264	0.000544	0.00146	0.0000934
2085 Apr	0.0494	0.000008	2.4	4.11	0.0457	0.000638	13.2	0.00334	0.0324	0.000279	0.000234	0.000141	0.145	0.0000023	0.000265	0.000546	0.00147	0.0000937
2085 May	0.0518	0.00000811	2.41	4.16	0.0481	0.000629	13.1	0.00331	0.0333	0.000303	0.000235	0.000142	0.147	0.0000023	0.000261	0.000574	0.00149	0.0000915
2085 Jun	0.053	0.00000799	2.43	4.22	0.0503	0.000622	13.1	0.00331	0.0329	0.000323	0.000237	0.000143	0.149	0.00000227	0.000262	0.000594	0.00147	0.0000907
2085 Jul	0.0553	0.00000836	2.53	4.4	0.0524	0.000649	13.7	0.00346	0.0345	0.000337	0.000247	0.000149	0.155	0.00000238	0.000273	0.000619	0.00154	0.0000945
2085 Aug	0.0558	0.00000847	2.55	4.42	0.0526	0.000654	13.7	0.00347	0.0349	0.000338	0.000248	0.00015	0.156	0.0000024	0.000274	0.000621	0.00156	0.0000948
2085 Sep	0.0547	0.00000839	2.47	4.28	0.0507	0.000641	13.3	0.00335	0.0349	0.000324	0.000238	0.000145	0.151	0.00000235	0.000264	0.000599	0.00152	0.0000907
2085 Oct	0.0528	0.00000823	2.43	4.21	0.0488	0.000641	13.1	0.00332	0.0342	0.000308	0.000232	0.000143	0.148	0.00000232	0.000263	0.000576	0.00148	0.0000901
2085 Nov	0.0514	0.00000813	2.42	4.18	0.0474	0.000648	13.1	0.00332	0.0336	0.000294	0.000229	0.000142	0.147	0.0000023	0.000265	0.000558	0.00146	0.0000906
2085 Dec	0.0514	0.00000813	2.42	4.17	0.0473	0.000648	13.1	0.00332	0.0336	0.000294	0.000229	0.000142	0.147	0.0000023	0.000265	0.000557	0.00146	0.0000906
2086 Jan	0.0514	0.00000813	2.42	4.17	0.0473	0.000648	13.1	0.00332	0.0336	0.000294	0.000229	0.000142	0.147	0.0000023	0.000265	0.000557	0.00146	0.0000906
2086 Feb	0.0514	0.00000813	2.42	4.18	0.0474	0.000648	13.1	0.00332	0.0336	0.000294	0.000229	0.000142	0.147	0.0000023	0.000265	0.000558	0.00146	0.0000906
2086 Mar	0.0514	0.00000814	2.42	4.18	0.0474	0.000648	13.1	0.00332	0.0336	0.000294	0.000229	0.000142	0.147	0.0000023	0.000265	0.000558	0.00146	0.0000906
2086 Apr	0.0517	0.00000817	2.43	4.2	0.0477	0.000651	13.1	0.00333	0.0338	0.000295	0.00023	0.000142	0.148	0.00000231	0.000266	0.000561	0.00146	0.000091
2086 May	0.0531	0.00000831	2.47	4.26	0.049	0.000656	13.2	0.00337	0.0345	0.000307	0.000234	0.000144	0.15	0.00000234	0.000268	0.000577	0.00149	0.0000914
2086 Jun	0.0493	0.00000788	2.41	4.15	0.047	0.000634	12.8	0.00335	0.0315	0.000289	0.000238	0.000142	0.145	0.00000224	0.000269	0.000558	0.00145	0.0000901
2086 Jul	0.0485	0.0000081	2.53	4.33	0.0468	0.000679	13.6	0.0036	0.0314	0.000277	0.000253	0.00015	0.15	0.00000234	0.000291	0.000557	0.0015	0.0000978
2086 Aug	0.0497	0.00000835	2.57	4.39	0.0474	0.00069	13.8	0.00365	0.0324	0.00028	0.000256	0.000152	0.153	0.00000239	0.000295	0.000563	0.00154	0.0000987
2086 Sep	0.049	0.00000833	2.51	4.29	0.046	0.00068	13.4	0.00355	0.0325	0.000271	0.000247	0.000149	0.149	0.00000236	0.000287	0.000546	0.00151	0.0000953
2086 Oct	0.0489	0.00000833	2.5	4.26	0.0457	0.000678	13.4	0.00352	0.0327	0.000269	0.000245	0.000148	0.148	0.00000236	0.000285	0.000543	0.00151	0.0000945
2086 Nov	0.049	0.00000835	2.51	4.27	0.0457	0.00068	13.4	0.00353	0.0328	0.000269	0.000246	0.000148	0.149	0.00000236	0.000285	0.000544	0.00151	0.0000946
2086 Dec	0.049	0.00000836	2.51	4.27	0.0457	0.00068	13.4	0.00353	0.0328	0.000269	0.000246	0.000148	0.149	0.00000236	0.000285	0.000544	0.00151	0.0000946
2087 Jan	0.0491	0.00000836	2.51	4.27	0.0458	0.00068	13.4	0.00353	0.0328	0.000269	0.000246	0.000148	0.149	0.00000236	0.000285	0.000544	0.00151	0.0000946
2087 Feb	0.0491	0.00000836	2.51	4.27	0.0458	0.00068	13.4	0.00353	0.0328	0.000269	0.000246	0.000148	0.149	0.00000237	0.000285	0.000545	0.00151	0.0000946
2087 Mar	0.0492	0.00000837	2.51	4.28	0.0459	0.000681	13.4	0.00354	0.0329	0.00027	0.000246	0.000148	0.149	0.00000237	0.000286	0.000545	0.00152	0.0000947
2087 Apr	0.0493	0.00000839	2.52	4.29	0.046	0.000682	13.4	0.00354	0.033	0.00027	0.000247	0.000148	0.149	0.00000237	0.000286	0.000547	0.00152	0.0000949
2087 May	0.0514	0.00000845	2.52	4.33	0.0482	0.000674	13.4	0.00352	0.0336	0.000292	0.000248	0.000149	0.151	0.00000237	0.000283	0.000571	0.00153	0.0000931
2087 Jun	0.0541	0.00000819	2.52	4.41	0.0527	0.000649	13.1	0.00346	0.0331	0.000337	0.000247	0.00015	0.154	0.00000229	0.000277	0.000614	0.0015	0.0000895
2087 Jul	0.0558	0.00000847	2.6	4.54	0.0542	0.00067	13.5	0.00357	0.0342	0.000346	0.000255	0.000155	0.159	0.00000237	0.000286	0.000631	0.00155	0.0000923
2087 Aug	0.0581	0.00000883	2.7	4.72	0.0563	0.000696	14	0.00371	0.0357	0.00036	0.000265	0.000161	0.165	0.00000247	0.000297	0.000656	0.00161	0.0000958
2087 Sep	0.059	0.00000898	2.74	4.79	0.057	0.000708	14.2	0.00376	0.0363	0.000365	0.000269	0.000163	0.167	0.00000251	0.000301	0.000665	0.00163	0.0000971
2087 Oct	0.0586	0.00000894	2.72	4.74	0.0564	0.000703	14.1	0.00372	0.0363	0.00036	0.000265	0.000161	0.166	0.00000249	0.000298	0.000658	0.00162	0.0000959
2087 Nov	0.0584	0.00000892	2.7	4.71	0.056	0.000701	14	0.0037	0.0363	0.000358	0.000263	0.00016	0.165	0.00000248	0.000296	0.000654	0.00162	0.0000951
2087 Dec	0.0584	0.00000892	2.7	4.71	0.056	0.000701	14	0.0037	0.0363	0.000358	0.000263	0.00016	0.165	0.00000248	0.000296	0.000654	0.00162	0.0000951
2088 Jan	0.0584	0.00000893	2.7	4.71	0.056	0.000701	14	0.0037	0.0364	0.000358	0.000263	0.00016	0.165	0.00000248	0.000296	0.000654	0.00162	0.0000951
2088 Feb	0.0584	0.00000893	2.7	4.71	0.0561	0.000701	14	0.0037	0.0364	0.000358	0.000263	0.00016	0.165	0.00000248	0.000296	0.000654	0.00162	0.0000951
2088 Mar	0.0585	0.00000894	2.7	4.72	0.0561	0.000701	14	0.0037	0.0364	0.000358	0.000264	0.00016	0.165	0.00000248	0.000297	0.000655	0.00162	0.0000952
2088 Apr	0.0591	0.00000902	2.73	4.76	0.0566	0.000708	14.1	0.00373	0.0367	0.000361	0.000266	0.000162	0.167	0.00000251	0.000299	0.000661	0.00163	0.000096
2088 May	0.0603	0.0000092	2.78	4.86	0.0578	0.000722	14.4	0.00381	0.0375	0.000369	0.000271	0.000165	0.17	0.00000256	0.000305	0.000675	0.00167	0.0000979
2088 Jun	0.0571	0.00000911	2.52	4.36	0.052	0.00064	12.8	0.00343	0.0376	0.000333	0.000262	0.000149	0.153	0.00000245	0.000271	0.000643	0.00168	0.0000853
2088 Jul	0.0589	0.00000952	2.57	4.44	0.053	0.000649	13	0.00349	0.0394	0.000339	0.000271	0.000151	0.156	0.00000253	0.000275	0.000664	0.00176	0.0000861
2088 Aug	0.0626	0.0000101	2.73	4.71	0.0562	0.000689	13.8	0.00371	0.0418	0.00036	0.000288	0.000161	0.166	0.00000269	0.000292	0.000705	0.00187	0.0000914
2088 Sep	0.0635	0.0000103	2.77	4.78	0.057	0.000699	14	0.00376	0.0425	0.000365	0.000292	0.000163	0.168	0.00000273	0.000296	0.000715	0.0019	0.0000926
2088 Oct	0.061	0.00000994	2.63	4.54	0.0538	0.000674	13.3	0.00356	0.0417	0.000343	0.000275	0.000154	0.16	0.00000262	0.000281	0.000677	0.00182	0.0000869

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.0606	0.00000991	2.6	4.48	0.0529	0.000671	13.1	0.00351	0.0418	0.000337	0.00027	0.000152	0.158	0.0000026	0.000277	0.000667	0.0018	0.0000852
2088 Dec	0.0606	0.00000991	2.6	4.48	0.0529	0.000671	13.1	0.0035	0.0418	0.000337	0.00027	0.000152	0.158	0.0000026	0.000277	0.000667	0.0018	0.0000852
2089 Jan	0.0606	0.00000991	2.6	4.48	0.0529	0.000671	13.1	0.0035	0.0418	0.000337	0.00027	0.000152	0.159	0.0000026	0.000277	0.000667	0.0018	0.0000852
2089 Feb	0.0607	0.00000991	2.6	4.48	0.053	0.000671	13.1	0.0035	0.0418	0.000337	0.00027	0.000152	0.159	0.00000261	0.000277	0.000668	0.0018	0.0000852
2089 Mar	0.0608	0.00000993	2.6	4.49	0.053	0.000672	13.1	0.00351	0.0419	0.000337	0.00027	0.000152	0.159	0.00000261	0.000277	0.000669	0.0018	0.0000853
2089 Apr	0.0611	0.00000998	2.62	4.52	0.0534	0.000675	13.2	0.00353	0.0421	0.000339	0.000271	0.000153	0.16	0.00000262	0.000279	0.000673	0.00181	0.0000857
2089 May	0.0639	0.00001	2.62	4.56	0.0562	0.000661	13.1	0.00349	0.043	0.000368	0.000272	0.000153	0.162	0.00000262	0.000273	0.000704	0.00182	0.0000829
2089 Jun	0.0671	0.0000098	2.57	4.56	0.0605	0.000621	12.6	0.00335	0.0429	0.000416	0.000266	0.000151	0.163	0.00000252	0.000258	0.000746	0.00178	0.0000767
2089 Jul	0.0693	0.0000102	2.65	4.69	0.0623	0.00064	13	0.00345	0.0445	0.000428	0.000274	0.000156	0.168	0.00000261	0.000265	0.000767	0.00185	0.0000788
2089 Aug	0.0716	0.0000106	2.72	4.81	0.0637	0.000657	13.3	0.00353	0.0463	0.000438	0.000281	0.00016	0.172	0.0000027	0.000271	0.000784	0.0019	0.0000803
2089 Sep	0.0717	0.0000106	2.72	4.81	0.0635	0.00066	13.3	0.00353	0.0466	0.000436	0.00028	0.000159	0.172	0.00000271	0.000271	0.000782	0.00191	0.0000799
2089 Oct	0.0685	0.0000103	2.57	4.53	0.0592	0.000636	12.5	0.00331	0.0457	0.000405	0.00026	0.000149	0.163	0.00000259	0.000255	0.000733	0.00181	0.000074
2089 Nov	0.0683	0.0000103	2.55	4.51	0.0587	0.000636	12.4	0.00329	0.0459	0.000401	0.000257	0.000148	0.162	0.00000259	0.000253	0.000728	0.00181	0.0000733
2089 Dec	0.0683	0.0000103	2.55	4.51	0.0588	0.000636	12.4	0.00329	0.0459	0.000401	0.000257	0.000148	0.162	0.00000259	0.000253	0.000728	0.00181	0.0000733
2090 Jan	0.0684	0.0000103	2.55	4.51	0.0588	0.000637	12.4	0.00329	0.0459	0.000401	0.000258	0.000148	0.162	0.00000259	0.000253	0.000728	0.00181	0.0000733
2090 Feb	0.0684	0.0000103	2.56	4.51	0.0588	0.000637	12.4	0.00329	0.0459	0.000401	0.000258	0.000148	0.162	0.00000259	0.000253	0.000729	0.00181	0.0000733
2090 Mar	0.0685	0.0000103	2.56	4.52	0.0589	0.000637	12.4	0.00329	0.046	0.000402	0.000258	0.000149	0.162	0.00000259	0.000254	0.00073	0.00181	0.0000734
2090 Apr	0.0687	0.0000103	2.57	4.53	0.0591	0.000639	12.5	0.0033	0.0461	0.000403	0.000259	0.000149	0.163	0.0000026	0.000254	0.000732	0.00182	0.0000736
2090 May	0.0697	0.0000104	2.59	4.58	0.06	0.000645	12.6	0.00333	0.0467	0.00041	0.000261	0.000151	0.164	0.00000263	0.000256	0.000743	0.00184	0.0000741
2090 Jun	0.0605	0.00000919	2.54	4.47	0.0556	0.000642	12.5	0.00338	0.0389	0.000367	0.000259	0.00015	0.157	0.00000242	0.000271	0.000675	0.00166	0.0000799
2090 Jul	0.0608	0.0000094	2.66	4.65	0.0564	0.00068	13.1	0.00357	0.0392	0.000365	0.00027	0.000157	0.163	0.0000025	0.000289	0.000682	0.00171	0.000086
2090 Aug	0.0581	0.00000929	2.56	4.44	0.0528	0.000667	12.6	0.00343	0.0385	0.000337	0.000254	0.00015	0.156	0.00000245	0.000277	0.000634	0.00165	0.0000818
2090 Sep	0.0553	0.0000091	2.54	4.38	0.05	0.000682	12.5	0.00343	0.0374	0.00031	0.000247	0.000149	0.153	0.00000241	0.000281	0.000596	0.00159	0.0000826
2090 Oct	0.0506	0.00000871	2.52	4.31	0.0461	0.000706	12.5	0.00347	0.0351	0.00027	0.000239	0.000147	0.149	0.00000235	0.000289	0.000543	0.0015	0.0000851
2090 Nov	0.0489	0.00000856	2.52	4.3	0.0449	0.000715	12.6	0.0035	0.0341	0.000257	0.000237	0.000147	0.149	0.00000233	0.000294	0.000525	0.00147	0.0000865
2090 Dec	0.0489	0.00000857	2.51	4.3	0.0448	0.000716	12.6	0.0035	0.0341	0.000256	0.000237	0.000147	0.148	0.00000233	0.000293	0.000524	0.00147	0.0000864
2091 Jan	0.049	0.00000857	2.52	4.3	0.0448	0.000716	12.6	0.0035	0.0342	0.000256	0.000237	0.000147	0.149	0.00000233	0.000293	0.000525	0.00147	0.0000864
2091 Feb	0.049	0.00000857	2.52	4.31	0.0449	0.000716	12.6	0.0035	0.0342	0.000257	0.000237	0.000147	0.149	0.00000233	0.000293	0.000525	0.00147	0.0000864
2091 Mar	0.0491	0.00000858	2.52	4.31	0.045	0.000717	12.6	0.00351	0.0342	0.000257	0.000238	0.000148	0.149	0.00000233	0.000294	0.000526	0.00147	0.0000865
2091 Apr	0.0494	0.00000864	2.54	4.34	0.0453	0.000722	12.7	0.00353	0.0344	0.000259	0.000239	0.000149	0.15	0.00000235	0.000296	0.00053	0.00148	0.0000871
2091 May	0.0513	0.00000878	2.57	4.42	0.0472	0.000725	12.8	0.00356	0.0353	0.000275	0.000243	0.000151	0.153	0.00000238	0.000297	0.000551	0.00151	0.0000872
2091 Jun	0.0523	0.00000846	2.59	4.51	0.0507	0.000707	12.8	0.00361	0.0336	0.000308	0.000251	0.000154	0.155	0.0000023	0.000299	0.000587	0.00149	0.0000865
2091 Jul	0.0548	0.00000893	2.75	4.78	0.0533	0.000751	13.5	0.00383	0.0353	0.000322	0.000266	0.000163	0.164	0.00000244	0.000319	0.000617	0.00157	0.0000921
2091 Aug	0.0547	0.00000901	2.72	4.72	0.0525	0.000747	13.4	0.00378	0.0357	0.000316	0.000262	0.000161	0.163	0.00000244	0.000314	0.000606	0.00157	0.0000902
2091 Sep	0.054	0.00000902	2.67	4.62	0.0511	0.000737	13.1	0.00369	0.0358	0.000306	0.000254	0.000158	0.16	0.00000242	0.000306	0.00059	0.00155	0.0000874
2091 Oct	0.0523	0.00000884	2.61	4.51	0.0492	0.00073	12.8	0.00362	0.0352	0.000291	0.000247	0.000154	0.156	0.00000237	0.000301	0.000567	0.00151	0.0000858
2091 Nov	0.0502	0.00000866	2.58	4.45	0.047	0.000737	12.7	0.0036	0.0343	0.000271	0.000241	0.000152	0.153	0.00000234	0.000303	0.00054	0.00147	0.0000861
2091 Dec	0.0501	0.00000867	2.58	4.45	0.047	0.000738	12.7	0.0036	0.0343	0.00027	0.000241	0.000152	0.153	0.00000234	0.000303	0.000539	0.00147	0.0000861
2092 Jan	0.0502	0.00000867	2.58	4.45	0.047	0.000738	12.7	0.0036	0.0343	0.00027	0.000241	0.000152	0.153	0.00000234	0.000303	0.000539	0.00147	0.0000861
2092 Feb	0.0502	0.00000867	2.58	4.45	0.047	0.000738	12.7	0.0036	0.0343	0.00027	0.000241	0.000152	0.153	0.00000234	0.000303	0.00054	0.00147	0.0000861
2092 Mar	0.0503	0.00000869	2.59	4.46	0.0472	0.00074	12.7	0.00361	0.0344	0.000271	0.000241	0.000153	0.154	0.00000235	0.000303	0.000541	0.00147	0.0000862
2092 Apr	0.0506	0.00000873	2.6	4.48	0.0474	0.000744	12.8	0.00363	0.0346	0.000273	0.000243	0.000153	0.154	0.00000236	0.000305	0.000544	0.00148	0.0000867
2092 May	0.0526	0.00000885	2.64	4.56	0.0496	0.000745	12.9	0.00366	0.0353	0.000292	0.000247	0.000156	0.157	0.00000238	0.000306	0.000568	0.0015	0.0000866
2092 Jun	0.0482	0.0000081	2.64	4.59	0.0494	0.000737	12.8	0.00379	0.0304	0.000286	0.000257	0.000159	0.156	0.00000224	0.000319	0.00056	0.00143	0.0000891
2092 Jul	0.0469	0.00000819	2.72	4.7	0.0486	0.000769	13.3	0.00396	0.0298	0.000271	0.000267	0.000164	0.159	0.00000228	0.000336	0.000551	0.00145	0.0000938
2092 Aug	0.0489	0.00000856	2.83	4.89	0.0506	0.000801	13.8	0.00412	0.0312	0.000282	0.000278	0.000171	0.165	0.00000238	0.000349	0.000573	0.00151	0.0000976
2092 Sep	0.049	0.00000861	2.82	4.88	0.0505	0.000801	13.8	0.00411	0.0314	0.000281	0.000277	0.00017	0.165	0.00000239	0.000348	0.000571	0.00151	0.0000971
2092 Oct	0.0487	0.00000857	2.8	4.83	0.0498	0.000795	13.6	0.00407	0.0315	0.000277	0.000273	0.000168	0.163	0.00000237	0.000344	0.000565	0.0015	0.0000958
2092 Nov	0.0487	0.00000858	2.79	4.81	0.0496	0.000794	13.6	0.00405	0.0316	0.000276	0.000272	0.000168	0.163	0.00000237	0.000343	0.000563	0.0015	0.0000953
2092 Dec	0.0487	0.00000858	2.79	4.81	0.0496	0.000794	13.6	0.00405	0.0316	0.000276	0.000272	0.000168	0.163	0.00000237	0.000343	0.000563	0.0015	0.0000953
2093 Jan	0.0487	0.00000858	2.79	4.81	0.0497	0.000794	13.6	0.00405	0.0316	0.000276	0.000272	0.000168	0.163	0.00000237	0.000343	0.000563	0.0015	0.0000953
2093 Feb	0.0488	0.00000859	2.79	4.81	0.0497	0.000794	13.6	0.00405	0.0317	0.000276	0.000272	0.000168	0.163	0.00000237	0.000343	0.000564	0.0015	0.0000953
2093 Mar	0.0489	0.00000861	2.8	4.83	0.0498	0.000797	13.6	0.00406	0.0318	0.000277	0.000273	0.000168	0.163	0.00000238	0.000344	0.000565	0.0015	0.0000955
2093 Apr	0.0492	0.00000866	2.81	4.86	0.0502	0.000801	13.7	0.00409	0.0319	0.000279	0.000274	0.000169	0.164	0.00000239	0.000346	0.000569	0.00151	0.0000961
2093 May	0.0513	0.0000088	2.83	4.92	0.0521	0.000799	13.7	0.00409	0.0329	0.000296	0.000277	0.00017	0.167	0.00000242	0.000345	0.000591	0.00154	0.0000954
2093 Jun	0.0528	0.00000851	2.74	4.81	0.0543	0.000749	13.1	0.0039	0.0324	0.000326	0.000271	0.000166	0.164	0.00000231	0.000327	0.000618	0.00151	0.0000888
2093 Jul	0.0543	0.00000885	2.88	5.04	0.0561	0.000789	13.7	0.00411	0.0334	0.000334	0.000284	0.000174	0.171	0.00000241	0.000346	0.000637	0.00157	0.0000939
2093 Aug	0.0563	0.00000918	2.97	5.21	0.0579	0.000816	14.2	0.00424	0.0347	0.000345	0.000294	0.00018	0.177	0.0000025	0.000357	0.000658	0.00162	0.000097
2093 Sep	0.0564	0.00000923	2.97	5.2	0.0577	0.000817	14.1	0.00423	0.035	0.000343	0.000292	0.000179	0.177	0.0000025	0.000356	0.000656	0.00163	0.0000965
2093 Oct	0.0539	0.00000893	2.78	4.85	0.0533	0.000778	13.2	0.00393	0.0348	0.000315	0.000269	0.000166	0.166	0.00000239	0.000331	0.00061	0.00154	0.0000886
2093 Nov	0.0528	0.00000886	2.72	4.75	0.0516	0.000772	12.9	0.00385	0.0348	0.000302	0.000262	0.000162	0.162	0.00000236	0.000325	0.000591	0.00151	0.0000866
2093 Dec	0.0528	0.00000887	2.72	4.75	0.0515	0.000773	12.9	0.00385	0.0349	0.000301	0.000261	0.000162	0.162	0.00000236	0.000325	0.000591	0.00151	0.0000865
2094 Jan	0.0529	0.00000887	2.72	4.75	0.0516	0.000773	12.9	0.00385	0.0349	0.000301	0.000261	0.000162	0.162	0.00000236	0.000325	0.000591	0.00151	0.0000865
2094 Feb	0.0529	0.00000887	2.72	4.75	0.0516	0.000773	12.9	0.00385	0.0349	0.000302	0.000261	0.000162	0.162	0.00000236	0.000325	0.000592	0.00151	0.0000865
2094 Mar	0.053	0.00000888	2.73	4.76	0.0517	0.000774	12.9	0.00385	0.0349	0.000302	0.000262	0.000163	0.163	0.00000237	0.000326	0.000593	0.00152	0.0000866
2094 Apr	0.0532	0.00000892	2.74	4.78	0.0519	0.000777	13	0.00387	0.0351	0.000303	0.000263	0.000163	0.163	0.00000238	0.000327	0.000595	0.00152	0.0000869
2094 May	0.0546	0.00000892	2.76	4.85	0.0539	0.000774	13	0.00389	0.0352	0.000321	0.000266	0.000165	0.166	0.00000237	0.000328	0.000615	0.00153	0.0000867
2094 Jun	0.0563	0.00000886	2.87	5.07	0.0578	0.000792	13.4	0.00405	0.0344	0.000351	0.000277	0.000173	0.173	0.00000238	0.000342	0.000649	0.00153	0.0000898
2094 Jul	0.06	0.00000944	3.05	5.39	0.0615	0.000843	14.3	0.00431	0.0367	0.000373	0.000295	0.000184	0.184	0.00000253	0.000364	0.000691	0.00163	0.0000956
2094 Aug	0.0639	0.0000101	3.25	5.75	0.0655	0.000898	15.2	0.00459	0.0391	0.000398	0.000314	0.000196	0.196	0.0000027	0.000388	0.000737	0.00174	0.000102
2094 Sep	0.0639	0.0000101	3.24	5.72	0.0651	0.000897	15.1	0.00456	0.0394	0.000394	0.000312	0.000195	0.195	0.0000027	0.000385	0.000733	0.00174	0.000101
2094 Oct	0.0617	0.00000984	3.09	5.45	0.0616	0.000864	14.4	0.00433	0.039	0.000372	0.000294	0.000185	0.186	0.00000261	0.000366	0.000697	0.00167	0.0000951
2094 Nov	0.0597	0.00000959	2.94	5.18	0.0582	0.000832	13.7	0.0041	0.0387	0.00035	0.000277	0.000175	0.177	0.00000252	0.000347	0.000661	0.00161	0.0000893
2094 Dec	0.0595	0.00000958	2.92	5.15	0.0578	0.000829	13.6	0.00408	0.0388	0.000348	0.000275	0.000174	0.176	0.00000251	0.000344	0.000658	0.00161	0.0000886
2095 Jan	0.0595	0.00000958	2.92	5.15	0.0578	0.000829	13.6	0.00408	0.0388	0.000348	0.000275	0.000174	0.176	0.00000251	0.000344	0.000658	0.00161	0.0000886
2095 Feb	0.0596	0.00000958	2.92	5.16	0.0579	0.000829	13.6	0.00408	0.0388	0.000348	0.000275	0.000174	0.177	0.00000251	0.000344	0.000658	0.00161	0.0000886
2095 Mar	0.0597	0.00000959	2.93	5.16	0.058	0.00083	13.6	0.00408	0.0389	0.000348	0.000275	0.000174	0.177	0.00000252	0.000344	0.000659	0.00161	0.0000886

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.06	0.00000964	2.94	5.19	0.0583	0.000834	13.7	0.0041	0.0391	0.00035	0.000277	0.000175	0.178	0.00000253	0.000346	0.000663	0.00162	0.0000891
2095 May	0.0616	0.00000966	2.93	5.18	0.0598	0.000818	13.5	0.00405	0.0396	0.000367	0.000276	0.000174	0.178	0.00000252	0.00034	0.000681	0.00162	0.0000869
2095 Jun	0.065	0.00000979	2.93	5.23	0.0632	0.000799	13.4	0.004	0.0408	0.000402	0.000278	0.000174	0.181	0.00000252	0.000332	0.000721	0.00165	0.0000839
2095 Jul	0.069	0.0000104	3.1	5.55	0.067	0.000847	14.2	0.00424	0.0434	0.000426	0.000295	0.000185	0.192	0.00000268	0.000352	0.000765	0.00176	0.000089
2095 Aug	0.0689	0.0000104	3.09	5.52	0.0666	0.000845	14.2	0.00422	0.0435	0.000423	0.000293	0.000184	0.191	0.00000268	0.00035	0.000761	0.00176	0.0000884
2095 Sep	0.0688	0.0000105	3.08	5.5	0.0662	0.000845	14.1	0.0042	0.0438	0.00042	0.000291	0.000184	0.19	0.00000269	0.000348	0.000756	0.00176	0.0000877
2095 Oct	0.0688	0.0000105	3.08	5.49	0.0661	0.000844	14.1	0.00419	0.0438	0.000419	0.00029	0.000183	0.19	0.00000268	0.000348	0.000755	0.00176	0.0000874
2095 Nov	0.0679	0.0000104	3.03	5.4	0.0648	0.000833	13.9	0.00412	0.0436	0.000411	0.000285	0.00018	0.187	0.00000265	0.000341	0.000741	0.00173	0.0000856
2095 Dec	0.0677	0.0000104	3.01	5.37	0.0644	0.000831	13.8	0.00409	0.0436	0.000408	0.000283	0.000179	0.186	0.00000265	0.00034	0.000737	0.00173	0.000085
2096 Jan	0.0678	0.0000104	3.01	5.37	0.0644	0.000831	13.8	0.00409	0.0436	0.000408	0.000283	0.000179	0.186	0.00000265	0.000339	0.000737	0.00173	0.000085
2096 Feb	0.0678	0.0000104	3.01	5.38	0.0645	0.000831	13.8	0.00409	0.0437	0.000409	0.000283	0.000179	0.186	0.00000265	0.000339	0.000738	0.00173	0.000085
2096 Mar	0.0679	0.0000104	3.02	5.38	0.0646	0.000832	13.8	0.0041	0.0437	0.000409	0.000283	0.000179	0.186	0.00000265	0.00034	0.000739	0.00173	0.000085
2096 Apr	0.0683	0.0000104	3.03	5.41	0.065	0.000836	13.9	0.00412	0.0439	0.000411	0.000284	0.00018	0.187	0.00000266	0.000341	0.000743	0.00174	0.0000854
2096 May	0.0697	0.0000105	3.05	5.45	0.0663	0.000833	13.9	0.00412	0.0446	0.000424	0.000286	0.000181	0.189	0.00000268	0.00034	0.000759	0.00175	0.0000849
2096 Jun	0.0579	0.00000944	2.81	4.95	0.0564	0.000776	12.8	0.00392	0.0377	0.000341	0.00028	0.000168	0.169	0.00000244	0.000331	0.00066	0.00163	0.0000829
2096 Jul	0.0568	0.00000964	2.97	5.2	0.0565	0.000835	13.6	0.00423	0.0372	0.000328	0.000297	0.000178	0.176	0.00000253	0.000361	0.000658	0.00168	0.0000912
2096 Aug	0.0598	0.0000102	3.13	5.47	0.0595	0.000879	14.3	0.00445	0.0391	0.000345	0.000313	0.000188	0.185	0.00000267	0.00038	0.000692	0.00177	0.0000959
2096 Sep	0.0591	0.0000101	3.07	5.36	0.058	0.000867	14	0.00435	0.0393	0.000336	0.000304	0.000183	0.182	0.00000264	0.000371	0.000677	0.00174	0.0000932
2096 Oct	0.0567	0.00000977	2.88	5.02	0.0539	0.000827	13.1	0.00405	0.0389	0.000311	0.000281	0.000171	0.171	0.00000252	0.000346	0.000633	0.00166	0.000086
2096 Nov	0.0565	0.00000976	2.87	5	0.0536	0.000824	13	0.00403	0.039	0.000308	0.000279	0.00017	0.17	0.00000252	0.000344	0.000629	0.00165	0.0000853
2096 Dec	0.0566	0.00000976	2.86	4.99	0.0535	0.000824	13	0.00403	0.039	0.000308	0.000279	0.00017	0.17	0.00000252	0.000344	0.000629	0.00165	0.0000852
2097 Jan	0.0566	0.00000976	2.86	4.99	0.0535	0.000824	13	0.00403	0.039	0.000308	0.000279	0.00017	0.17	0.00000252	0.000344	0.000629	0.00165	0.0000852
2097 Feb	0.0566	0.00000976	2.86	4.99	0.0536	0.000824	13	0.00403	0.039	0.000308	0.000279	0.00017	0.17	0.00000252	0.000344	0.00063	0.00165	0.0000852
2097 Mar	0.0567	0.00000977	2.87	5	0.0536	0.000824	13	0.00403	0.039	0.000309	0.000279	0.00017	0.17	0.00000252	0.000344	0.00063	0.00165	0.0000852
2097 Apr	0.057	0.00000983	2.88	5.03	0.054	0.000829	13.1	0.00405	0.0393	0.000311	0.000281	0.000171	0.171	0.00000253	0.000346	0.000634	0.00166	0.0000858
2097 May	0.0586	0.00000999	2.92	5.11	0.0555	0.000835	13.2	0.00409	0.0401	0.000323	0.000285	0.000173	0.174	0.00000257	0.000349	0.000652	0.00169	0.0000861
2097 Jun	0.0604	0.00000977	2.87	5.07	0.0581	0.000797	12.9	0.00398	0.0397	0.000354	0.000283	0.000171	0.173	0.0000025	0.000336	0.00068	0.00167	0.0000821
2097 Jul	0.0636	0.0000103	3.04	5.37	0.0613	0.000846	13.6	0.00422	0.0418	0.000372	0.0003	0.000181	0.183	0.00000264	0.000358	0.000717	0.00177	0.0000874
2097 Aug	0.0658	0.0000107	3.15	5.55	0.0634	0.000875	14.1	0.00437	0.0433	0.000385	0.00031	0.000187	0.19	0.00000274	0.00037	0.000741	0.00183	0.0000904
2097 Sep	0.0668	0.0000109	3.19	5.63	0.0642	0.000888	14.3	0.00442	0.044	0.00039	0.000314	0.00019	0.192	0.00000278	0.000375	0.000751	0.00186	0.0000916
2097 Oct	0.0661	0.0000108	3.15	5.55	0.0633	0.000879	14.1	0.00436	0.0438	0.000384	0.000309	0.000187	0.19	0.00000275	0.00037	0.000741	0.00184	0.0000901
2097 Nov	0.0654	0.0000107	3.11	5.48	0.0623	0.00087	13.9	0.0043	0.0436	0.000377	0.000304	0.000184	0.187	0.00000272	0.000364	0.00073	0.00182	0.0000885
2097 Dec	0.0652	0.0000107	3.09	5.45	0.0619	0.000867	13.8	0.00427	0.0436	0.000375	0.000302	0.000183	0.186	0.00000271	0.000362	0.000726	0.00181	0.0000879
2098 Jan	0.0652	0.0000107	3.09	5.45	0.0619	0.000866	13.8	0.00427	0.0436	0.000375	0.000302	0.000183	0.186	0.00000271	0.000362	0.000726	0.00181	0.0000878
2098 Feb	0.0653	0.0000107	3.09	5.45	0.062	0.000866	13.8	0.00427	0.0437	0.000375	0.000302	0.000183	0.187	0.00000271	0.000362	0.000727	0.00181	0.0000878
2098 Mar	0.0654	0.0000107	3.09	5.45	0.062	0.000866	13.8	0.00427	0.0437	0.000375	0.000302	0.000183	0.187	0.00000272	0.000362	0.000728	0.00181	0.0000878
2098 Apr	0.0656	0.0000107	3.1	5.47	0.0623	0.000869	13.9	0.00429	0.0439	0.000377	0.000303	0.000184	0.187	0.00000272	0.000363	0.000731	0.00182	0.0000881
2098 May	0.0687	0.0000107	3.06	5.44	0.0653	0.000833	13.6	0.00416	0.0446	0.000412	0.0003	0.000182	0.187	0.00000269	0.000348	0.000766	0.00182	0.0000834
2098 Jun	0.0634	0.00000958	2.94	5.27	0.0638	0.000794	13	0.00406	0.0388	0.000403	0.000289	0.000177	0.18	0.00000245	0.000342	0.000729	0.00165	0.000082
2098 Jul	0.0664	0.0000101	3.14	5.62	0.0672	0.000853	13.9	0.00436	0.0407	0.000421	0.000309	0.000189	0.192	0.0000026	0.000368	0.000767	0.00174	0.0000885
2098 Aug	0.0671	0.0000103	3.17	5.66	0.0676	0.000862	14	0.00439	0.0414	0.000423	0.000311	0.000191	0.193	0.00000264	0.000371	0.000771	0.00176	0.0000888
2098 Sep	0.0643	0.00001	3	5.35	0.0634	0.000826	13.2	0.00413	0.0407	0.000395	0.000291	0.00018	0.183	0.00000254	0.000349	0.000726	0.00169	0.0000829
2098 Oct	0.0603	0.00000966	2.91	5.16	0.0591	0.000822	12.8	0.00403	0.0391	0.000358	0.000278	0.000174	0.176	0.00000246	0.000344	0.000674	0.00161	0.0000815
2098 Nov	0.0583	0.00000954	2.91	5.14	0.0573	0.000835	12.8	0.00407	0.0382	0.00034	0.000276	0.000174	0.175	0.00000244	0.000349	0.00065	0.00158	0.0000829
2098 Dec	0.0583	0.00000955	2.91	5.14	0.0572	0.000835	12.8	0.00407	0.0382	0.000339	0.000275	0.000173	0.175	0.00000244	0.000349	0.000649	0.00158	0.0000828
2099 Jan	0.0583	0.00000955	2.91	5.14	0.0573	0.000835	12.8	0.00407	0.0383	0.000339	0.000275	0.000173	0.175	0.00000244	0.000349	0.00065	0.00158	0.0000828
2099 Feb	0.0584	0.00000955	2.91	5.14	0.0573	0.000835	12.8	0.00407	0.0383	0.00034	0.000275	0.000173	0.175	0.00000244	0.000349	0.00065	0.00158	0.0000828
2099 Mar	0.0585	0.00000957	2.91	5.15	0.0574	0.000837	12.9	0.00407	0.0384	0.00034	0.000276	0.000174	0.175	0.00000245	0.00035	0.000652	0.00158	0.0000829
2099 Apr	0.059	0.00000965	2.94	5.2	0.058	0.000844	13	0.00411	0.0387	0.000343	0.000278	0.000175	0.177	0.00000247	0.000353	0.000657	0.0016	0.0000836
2099 May	0.0606	0.00000939	2.94	5.27	0.0614	0.000826	12.9	0.00411	0.0376	0.000369	0.000281	0.000177	0.179	0.0000024	0.000351	0.000688	0.00157	0.0000824
2099 Jun	0.0582	0.00000915	3	5.37	0.0612	0.000848	13.2	0.00428	0.0353	0.000361	0.000289	0.000182	0.181	0.00000238	0.000367	0.000677	0.00153	0.0000864
2099 Jul	0.061	0.00000963	3.15	5.62	0.064	0.000889	13.8	0.00449	0.0371	0.000377	0.000303	0.00019	0.19	0.0000025	0.000385	0.000708	0.00162	0.0000906
2099 Aug	0.0638	0.0000101	3.29	5.87	0.0667	0.00093	14.4	0.00469	0.0389	0.000394	0.000316	0.000199	0.198	0.00000262	0.000401	0.000739	0.00169	0.0000944
2099 Sep	0.0625	0.00000996	3.2	5.71	0.0647	0.000909	14	0.00455	0.0387	0.000381	0.000306	0.000193	0.193	0.00000257	0.00039	0.000717	0.00166	0.0000913
2099 Oct	0.0611	0.00000978	3.1	5.53	0.0624	0.000886	13.6	0.0044	0.0384	0.000367	0.000295	0.000187	0.187	0.00000251	0.000376	0.000694	0.00162	0.0000878
2099 Nov	0.0601	0.00000968	3.02	5.39	0.0606	0.00087	13.2	0.00427	0.0383	0.000355	0.000285	0.000181	0.182	0.00000247	0.000366	0.000675	0.00159	0.0000849
2099 Dec	0.0601	0.00000968	3.02	5.38	0.0605	0.00087	13.2	0.00427	0.0384	0.000354	0.000285	0.000181	0.182	0.00000247	0.000365	0.000674	0.00159	0.0000847
2100 Jan	0.0601	0.00000969	3.02	5.38	0.0605	0.000869	13.2	0.00427	0.0384	0.000354	0.000285	0.000181	0.182	0.00000247	0.000365	0.000675	0.00159	0.0000847
2100 Feb	0.0602	0.00000969	3.02	5.38	0.0606	0.000869	13.2	0.00427	0.0384	0.000355	0.000285	0.000181	0.182	0.00000247	0.000365	0.000675	0.00159	0.0000847
2100 Mar	0.0602	0.00000969	3.02	5.38	0.0606	0.00087	13.2	0.00427	0.0385	0.000355	0.000285	0.000181	0.182	0.00000247	0.000365	0.000676	0.00159	0.0000847
2100 Apr	0.0606	0.00000976	3.04	5.42	0.061	0.000875	13.3	0.0043	0.0387	0.000357	0.000287	0.000182	0.184	0.00000249	0.000368	0.00068	0.0016	0.0000853
2100 May	0.0625	0.00000981	3.05	5.45	0.063	0.000865	13.3	0.00427	0.0393	0.000377	0.000288	0.000183	0.185	0.00000249	0.000364	0.000703	0.00161	0.0000839
2100 Jun	0.0567	0.00000911	3.02	5.39	0.0604	0.00086	13.1	0.00435	0.0345	0.000353	0.000292	0.000184	0.181	0.00000236	0.000375	0.000666	0.00153	0.0000866
2100 Jul	0.0564	0.00000927	3.11	5.53	0.0606	0.000894	13.5	0.00452	0.0344	0.000347	0.000302	0.000189	0.185	0.00000241	0.000391	0.000667	0.00155	0.0000905
2100 Aug	0.0562	0.00000929	3.09	5.49	0.06	0.000889	13.4	0.00448	0.0346	0.000343	0.000299	0.000188	0.183	0.00000241	0.000387	0.00066	0.00155	0.0000894
2100 Sep	0.0561	0.00000933	3.07	5.45	0.0595	0.000886	13.3	0.00445	0.0348	0.00034	0.000296	0.000187	0.182	0.00000241	0.000384	0.000654	0.00155	0.0000885
2100 Oct	0.0561	0.00000935	3.07	5.46	0.0595	0.000889	13.3	0.00445	0.0349	0.000339	0.000296	0.000187	0.183	0.00000242	0.000385	0.000654	0.00155	0.0000887
2100 Nov	0.0562	0.00000936	3.08	5.46	0.0595	0.000891	13.3	0.00446	0.0349	0.000339	0.000297	0.000187	0.183	0.00000242	0.000386	0.000654	0.00155	0.0000889
2100 Dec	0.0562	0.00000937	3.08	5.47	0.0595	0.000891	13.3	0.00446	0.035	0.000339	0.000297	0.000187	0.183	0.00000242	0.000386	0.000654	0.00155	0.0000889
2101 Jan	0.0562	0.00000937	3.08	5.47	0.0595	0.000891	13.3	0.00446	0.035	0.000339	0.000297	0.000187	0.183	0.00000242	0.000386	0.000654	0.00155	0.0000889
2101 Feb	0.0562	0.00000937	3.08	5.47	0.0596	0.000891	13.3	0.00446	0.035	0.000339	0.000297	0.000187	0.183	0.00000242	0.000386	0.000654	0.00155	0.0000889
2101 Mar	0.0563	0.00000938	3.08	5.47	0.0596	0.000892	13.3	0.00446	0.035	0.000339	0.000297	0.000187	0.183	0.00000242	0.000386	0.000655	0.00155	0.0000889
2101 Apr	0.0565	0.00000941	3.1	5.49	0.0598	0.000895	13.4	0.00448	0.0351	0.000341	0.000298	0.000188	0.184	0.00000243	0.000388	0.000657	0.00156	0.0000893
2101 May	0.0591	0.00000948	3.1	5.53	0.0625	0.00088	13.3	0.00444	0.036	0.000368	0.000299	0.000188	0.186	0.00000243	0.000382	0.000688	0.00158	0.0000873
2101 Jun	0.0564	0.00000918	3.11	5.55	0.0616	0.000887	13.3	0.00453	0.0337	0.000357	0.000304	0.00019	0.185	0.00000238	0.000392	0.000674	0.00154	0.0000892
2101 Jul	0.059	0.0000097	3.3	5.88	0.0647	0.000945	14.1	0.00482	0.0354	0.000371	0.000323	0.000202	0.196	0.00000252	0.000418	0.000707	0.00163	0.0000952
2101 Aug	0.0621	0.0000102	3.47	6.18	0.068	0.000994	14.8	0.00507	0.0372	0.00039	0.00034	0.000212	0.206	0.00000265	0.000439	0.000743	0.00171	0.0001

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.0616	0.0000102	3.42	6.09	0.0667	0.000983	14.6	0.00498	0.0374	0.000383	0.000333	0.000209	0.203	0.00000263	0.000432	0.000731	0.0017	0.000098
2101 Oct	0.0613	0.0000102	3.39	6.03	0.0661	0.000977	14.5	0.00493	0.0375	0.000378	0.00033	0.000207	0.201	0.00000262	0.000427	0.000724	0.00169	0.0000969
2101 Nov	0.0602	0.00001	3.3	5.88	0.0642	0.000957	14.1	0.0048	0.0373	0.000367	0.00032	0.000201	0.196	0.00000257	0.000416	0.000705	0.00166	0.0000939
2101 Dec	0.06	0.00001	3.29	5.85	0.0638	0.000954	14	0.00478	0.0373	0.000365	0.000318	0.0002	0.195	0.00000256	0.000414	0.000702	0.00165	0.0000933
2102 Jan	0.0601	0.00001	3.29	5.85	0.0639	0.000953	14	0.00477	0.0373	0.000365	0.000318	0.0002	0.195	0.00000256	0.000413	0.000702	0.00165	0.0000933
2102 Feb	0.0601	0.00001	3.29	5.85	0.0639	0.000953	14	0.00477	0.0374	0.000365	0.000318	0.0002	0.196	0.00000256	0.000413	0.000703	0.00165	0.0000932
2102 Mar	0.0602	0.00001	3.29	5.85	0.064	0.000953	14	0.00477	0.0374	0.000366	0.000318	0.0002	0.196	0.00000257	0.000413	0.000704	0.00165	0.0000933
2102 Apr	0.0604	0.00001	3.3	5.87	0.0642	0.000956	14.1	0.00479	0.0375	0.000367	0.000319	0.000201	0.196	0.00000257	0.000415	0.000706	0.00166	0.0000935
2102 May	0.0613	0.0000102	3.35	5.96	0.0652	0.00097	14.3	0.00486	0.0381	0.000372	0.000324	0.000204	0.199	0.00000261	0.000421	0.000716	0.00168	0.0000949
2102 Jun	0.0536	0.00000968	3.03	5.31	0.0554	0.000877	12.8	0.00444	0.0355	0.000303	0.00031	0.000184	0.177	0.00000246	0.000386	0.000641	0.00165	0.0000864
2102 Jul	0.0497	0.00000962	3.07	5.33	0.0524	0.000904	12.9	0.00459	0.0338	0.000268	0.00032	0.000187	0.175	0.00000246	0.000404	0.00061	0.00166	0.0000905
2102 Aug	0.0512	0.00000993	3.16	5.48	0.0538	0.00093	13.3	0.00471	0.0349	0.000275	0.000329	0.000192	0.18	0.00000254	0.000415	0.000627	0.00171	0.0000929
2102 Sep	0.0514	0.00001	3.16	5.47	0.0537	0.000931	13.2	0.0047	0.0353	0.000274	0.000327	0.000192	0.18	0.00000255	0.000413	0.000625	0.00171	0.0000924
2102 Oct	0.0497	0.0000097	2.97	5.15	0.0502	0.000889	12.5	0.0044	0.0352	0.000255	0.000304	0.000179	0.17	0.00000245	0.000387	0.000588	0.00164	0.0000857
2102 Nov	0.0496	0.00000969	2.95	5.11	0.0497	0.000885	12.4	0.00436	0.0354	0.000252	0.000301	0.000178	0.169	0.00000244	0.000384	0.000583	0.00163	0.0000847
2102 Dec	0.0496	0.0000097	2.95	5.11	0.0497	0.000885	12.4	0.00436	0.0355	0.000252	0.000301	0.000178	0.169	0.00000244	0.000384	0.000583	0.00163	0.0000847
2103 Jan	0.0497	0.0000097	2.95	5.11	0.0497	0.000885	12.4	0.00436	0.0355	0.000252	0.000301	0.000178	0.169	0.00000244	0.000383	0.000583	0.00163	0.0000847
2103 Feb	0.0497	0.0000097	2.95	5.11	0.0498	0.000885	12.4	0.00436	0.0355	0.000252	0.000301	0.000178	0.169	0.00000245	0.000384	0.000584	0.00163	0.0000847
2103 Mar	0.0498	0.00000971	2.96	5.12	0.0498	0.000886	12.4	0.00437	0.0355	0.000253	0.000301	0.000178	0.169	0.00000245	0.000384	0.000585	0.00163	0.0000847
2103 Apr	0.05	0.00000975	2.97	5.14	0.0501	0.000889	12.4	0.00438	0.0357	0.000254	0.000302	0.000179	0.17	0.00000246	0.000385	0.000587	0.00164	0.0000851
2103 May	0.0527	0.00000984	2.99	5.21	0.053	0.000881	12.5	0.00437	0.0365	0.000282	0.000305	0.00018	0.173	0.00000247	0.000382	0.000619	0.00166	0.0000839
2103 Jun	0.052	0.00000936	3.03	5.33	0.0554	0.000883	12.5	0.00446	0.0338	0.000302	0.000308	0.000185	0.176	0.00000237	0.000392	0.00063	0.00159	0.0000855
2103 Jul	0.0524	0.00000963	3.12	5.48	0.0559	0.000916	12.9	0.00463	0.0343	0.000299	0.000318	0.000191	0.181	0.00000245	0.000407	0.000634	0.00163	0.0000889
2103 Aug	0.0522	0.00000973	3.08	5.38	0.0543	0.000904	12.7	0.00455	0.0348	0.00029	0.000311	0.000187	0.177	0.00000245	0.0004	0.000611	0.00162	0.0000871
2103 Sep	0.0503	0.00000957	3.04	5.3	0.0521	0.000908	12.5	0.0045	0.0342	0.000271	0.000303	0.000184	0.174	0.00000242	0.000399	0.000583	0.00157	0.0000864
2103 Oct	0.0466	0.00000928	3.03	5.27	0.0491	0.000935	12.5	0.00456	0.0324	0.000238	0.000296	0.000184	0.172	0.00000236	0.000408	0.00054	0.00149	0.0000881
2103 Nov	0.0457	0.00000922	3.04	5.27	0.0485	0.000944	12.5	0.00458	0.032	0.000231	0.000295	0.000184	0.172	0.00000235	0.000411	0.000531	0.00148	0.0000888
2103 Dec	0.0457	0.00000922	3.04	5.27	0.0484	0.000944	12.5	0.00458	0.032	0.000231	0.000295	0.000184	0.172	0.00000235	0.000411	0.00053	0.00148	0.0000887
2104 Jan	0.0457	0.00000922	3.04	5.27	0.0485	0.000944	12.5	0.00458	0.032	0.000231	0.000295	0.000184	0.172	0.00000235	0.000411	0.00053	0.00148	0.0000887
2104 Feb	0.0458	0.00000922	3.04	5.27	0.0485	0.000944	12.5	0.00458	0.032	0.000231	0.000295	0.000184	0.172	0.00000235	0.000411	0.000531	0.00148	0.0000887
2104 Mar	0.0458	0.00000923	3.04	5.28	0.0486	0.000945	12.5	0.00459	0.0321	0.000231	0.000296	0.000185	0.172	0.00000236	0.000411	0.000532	0.00148	0.0000888
2104 Apr	0.0461	0.00000929	3.06	5.31	0.0489	0.000951	12.6	0.00462	0.0323	0.000233	0.000297	0.000186	0.173	0.00000237	0.000414	0.000535	0.00149	0.0000894
2104 May	0.0496	0.00000939	3.08	5.4	0.0527	0.000937	12.6	0.00459	0.0333	0.00027	0.0003	0.000187	0.177	0.00000238	0.000409	0.000578	0.00151	0.0000876
2104 Jun	0.0494	0.00000909	3.14	5.55	0.0555	0.000947	12.7	0.00473	0.0312	0.00029	0.000309	0.000193	0.181	0.00000232	0.000421	0.000598	0.00148	0.0000897
2104 Jul	0.0509	0.00000943	3.26	5.75	0.0571	0.000985	13.2	0.00492	0.0323	0.000296	0.000322	0.000201	0.188	0.00000241	0.000438	0.000616	0.00154	0.0000933
2104 Aug	0.052	0.00000966	3.32	5.85	0.0581	0.001	13.5	0.005	0.0331	0.000301	0.000327	0.000204	0.191	0.00000246	0.000445	0.000626	0.00157	0.0000947
2104 Sep	0.0511	0.00000956	3.24	5.7	0.0563	0.000981	13.1	0.00486	0.0331	0.000291	0.000316	0.000198	0.186	0.00000242	0.000432	0.000607	0.00154	0.0000916
2104 Oct	0.0495	0.00000939	3.15	5.53	0.0538	0.000967	12.7	0.00473	0.0328	0.000273	0.000305	0.000193	0.181	0.00000238	0.000422	0.00058	0.0015	0.000089
2104 Nov	0.0489	0.00000937	3.15	5.53	0.0532	0.000973	12.7	0.00473	0.0327	0.000266	0.000303	0.000192	0.181	0.00000237	0.000424	0.000572	0.00149	0.0000893
2104 Dec	0.0489	0.00000937	3.15	5.53	0.0531	0.000973	12.7	0.00473	0.0327	0.000266	0.000303	0.000192	0.181	0.00000237	0.000424	0.000572	0.00149	0.0000892
2105 Jan	0.0489	0.00000937	3.15	5.53	0.0531	0.000973	12.7	0.00473	0.0327	0.000266	0.000303	0.000192	0.181	0.00000237	0.000423	0.000572	0.00149	0.0000892
2105 Feb	0.0489	0.00000938	3.15	5.53	0.0532	0.000973	12.7	0.00473	0.0327	0.000266	0.000303	0.000192	0.181	0.00000237	0.000423	0.000572	0.00149	0.0000892
2105 Mar	0.049	0.00000938	3.15	5.53	0.0532	0.000974	12.7	0.00473	0.0328	0.000266	0.000303	0.000192	0.181	0.00000237	0.000424	0.000573	0.00149	0.0000892
2105 Apr	0.0492	0.00000941	3.16	5.55	0.0534	0.000977	12.8	0.00475	0.0329	0.000267	0.000304	0.000193	0.181	0.00000238	0.000425	0.000575	0.00149	0.0000895
2105 May	0.0513	0.00000948	3.17	5.6	0.0557	0.000968	12.8	0.00474	0.0335	0.00029	0.000306	0.000194	0.184	0.00000239	0.000422	0.000601	0.00151	0.0000885
2105 Jun	0.0528	0.00000949	3.25	5.77	0.0587	0.000981	13	0.00485	0.0333	0.000312	0.000315	0.0002	0.189	0.0000024	0.000432	0.00063	0.00152	0.0000902
2105 Jul	0.0546	0.00000984	3.35	5.95	0.0605	0.00101	13.4	0.005	0.0346	0.000322	0.000325	0.000206	0.195	0.00000248	0.000445	0.000649	0.00158	0.0000929
2105 Aug	0.0538	0.00000976	3.28	5.8	0.0589	0.000991	13.1	0.00488	0.0345	0.000313	0.000317	0.000201	0.19	0.00000245	0.000434	0.000631	0.00155	0.0000902
2105 Sep	0.0507	0.00000959	3.24	5.7	0.0556	0.001	12.9	0.00485	0.0334	0.000282	0.000308	0.000198	0.186	0.00000241	0.000434	0.000589	0.0015	0.0000902
2105 Oct	0.048	0.00000941	3.24	5.69	0.0535	0.00102	12.9	0.00491	0.032	0.000259	0.000307	0.000199	0.185	0.00000238	0.000442	0.000561	0.00146	0.0000917
2105 Nov	0.0469	0.00000935	3.24	5.68	0.0526	0.00103	12.9	0.00493	0.0316	0.000249	0.000306	0.000199	0.184	0.00000237	0.000446	0.000549	0.00144	0.0000923
2105 Dec	0.0469	0.00000935	3.24	5.68	0.0525	0.00103	12.9	0.00493	0.0316	0.000249	0.000306	0.000199	0.184	0.00000237	0.000445	0.000549	0.00144	0.0000922
2106 Jan	0.0469	0.00000935	3.24	5.68	0.0525	0.00103	12.9	0.00493	0.0316	0.000249	0.000306	0.000199	0.184	0.00000237	0.000445	0.000549	0.00144	0.0000922
2106 Feb	0.047	0.00000935	3.24	5.68	0.0526	0.00103	12.9	0.00493	0.0316	0.000249	0.000306	0.000199	0.184	0.00000237	0.000445	0.000549	0.00144	0.0000922
2106 Mar	0.047	0.00000936	3.24	5.69	0.0526	0.00103	12.9	0.00493	0.0317	0.000249	0.000306	0.000199	0.184	0.00000237	0.000446	0.00055	0.00144	0.0000923
2106 Apr	0.0472	0.0000094	3.26	5.71	0.0529	0.00103	13	0.00495	0.0318	0.00025	0.000307	0.0002	0.185	0.00000238	0.000448	0.000553	0.00145	0.0000927
2106 May	0.0487	0.00000954	3.29	5.78	0.0544	0.00104	13.1	0.00498	0.0326	0.000263	0.000311	0.000202	0.188	0.00000241	0.00045	0.00057	0.00147	0.0000929
2106 Jun	0.0476	0.0000093	3.26	5.74	0.0547	0.00101	12.7	0.00497	0.0309	0.000268	0.00032	0.000201	0.185	0.00000235	0.000448	0.000584	0.00149	0.0000917
2106 Jul	0.0479	0.0000097	3.43	6.01	0.0558	0.00107	13.4	0.00528	0.0314	0.000263	0.000339	0.000212	0.193	0.00000245	0.000477	0.000594	0.00155	0.0000976
2106 Aug	0.0478	0.00000975	3.34	5.84	0.0541	0.00104	13	0.00512	0.032	0.000256	0.000329	0.000206	0.189	0.00000244	0.000462	0.000575	0.00154	0.0000941
2106 Sep	0.046	0.00000961	3.26	5.68	0.0516	0.00103	12.7	0.00499	0.0315	0.000238	0.000316	0.0002	0.183	0.0000024	0.000451	0.000544	0.0015	0.0000916
2106 Oct	0.0455	0.00000958	3.27	5.69	0.0512	0.00104	12.7	0.005	0.0313	0.000232	0.000316	0.000201	0.183	0.0000024	0.000454	0.000537	0.00149	0.0000922
2106 Nov	0.0456	0.0000096	3.28	5.7	0.0512	0.00104	12.7	0.00501	0.0314	0.000233	0.000316	0.000201	0.184	0.0000024	0.000455	0.000538	0.00149	0.0000924
2106 Dec	0.0456	0.00000961	3.28	5.7	0.0512	0.00104	12.7	0.00501	0.0315	0.000233	0.000316	0.000201	0.184	0.00000241	0.000455	0.000538	0.00149	0.0000924
2107 Jan	0.0456	0.00000961	3.28	5.7	0.0513	0.00104	12.7	0.00501	0.0315	0.000233	0.000316	0.000201	0.184	0.00000241	0.000455	0.000539	0.00149	0.0000924
2107 Feb	0.0456	0.00000961	3.28	5.7	0.0513	0.00104	12.7	0.00501	0.0315	0.000233	0.000316	0.000201	0.184	0.00000241	0.000455	0.000539	0.00149	0.0000924
2107 Mar	0.0457	0.00000962	3.28	5.71	0.0514	0.00104	12.7	0.00502	0.0315	0.000233	0.000317	0.000202	0.184	0.00000241	0.000456	0.00054	0.00149	0.0000925
2107 Apr	0.0458	0.00000964	3.29	5.72	0.0515	0.00104	12.7	0.00503	0.0316	0.000234	0.000318	0.000202	0.185	0.00000241	0.000457	0.000541	0.0015	0.0000927
2107 May	0.0478	0.00000968	3.3	5.78	0.0537	0.00103	12.8	0.00502	0.0321	0.000256	0.00032	0.000203	0.187	0.00000242	0.000455	0.000566	0.00151	0.0000919
2107 Jun	0.0515	0.00000964	3.38	5.99	0.0595	0.00103	12.9	0.00511	0.0322	0.000306	0.00033	0.00021	0.194	0.0000024	0.00046	0.000626	0.00153	0.0000921
2107 Jul	0.0526	0.00000986	3.43	6.08	0.0603	0.00105	13.1	0.00518	0.0331	0.00031	0.000335	0.000212	0.197	0.00000245	0.000466	0.000635	0.00156	0.0000932
2107 Aug	0.0545	0.0000102	3.54	6.27	0.0622	0.00108	13.6	0.00535	0.0343	0.00032	0.000345	0.000219	0.203	0.00000254	0.00048	0.000655	0.00161	0.000096
2107 Sep	0.0548	0.0000103	3.55	6.28	0.0622	0.00109	13.6	0.00535	0.0348	0.00032	0.000345	0.000219	0.204	0.00000255	0.000481	0.000656	0.00162	0.0000959
2107 Oct	0.0543	0.0000102	3.49	6.17	0.0611	0.00107	13.4	0.00525	0.0348	0.000314	0.000338	0.000215	0.201	0.00000253	0.000472	0.000644	0.0016	0.0000939
2107 Nov	0.0541	0.0000102	3.46	6.12	0.0605	0.00106	13.2	0.0052	0.0349	0.000311	0.000335	0.000213	0.199	0.00000251	0.000468	0.000639	0.00159	0.0000929
2107 Dec	0.0541	0.0000102	3.46	6.12	0.0605	0.00106	13.2	0.0052	0.0349	0.000311	0.000335	0.000213	0.199	0.00000252	0.000467	0.000639	0.00159	0.0000929
2108 Jan	0.0541	0.0000102	3.46	6.12	0.0605	0.00106	13.2	0.0052	0.0349	0.000311	0.000335	0.000213	0.199	0.00000252	0.000467	0.000639	0.00159	0.0000929

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0541	0.0000102	3.46	6.12	0.0605	0.00106	13.2	0.0052	0.0349	0.000311	0.000335	0.000213	0.199	0.00000252	0.000467	0.00064	0.00159	0.0000929
2108 Mar	0.0542	0.0000102	3.46	6.13	0.0606	0.00106	13.3	0.00521	0.035	0.000311	0.000335	0.000214	0.199	0.00000252	0.000468	0.00064	0.00159	0.000093
2108 Apr	0.0547	0.0000103	3.5	6.19	0.0612	0.00107	13.4	0.00525	0.0353	0.000314	0.000338	0.000216	0.201	0.00000254	0.000472	0.000646	0.00161	0.0000938
2108 May	0.0558	0.0000105	3.57	6.31	0.0624	0.0011	13.6	0.00536	0.036	0.000321	0.000345	0.00022	0.205	0.00000259	0.000481	0.000659	0.00164	0.0000957
2108 Jun	0.0538	0.0000103	3.29	5.79	0.0576	0.000995	12.5	0.00492	0.0361	0.000298	0.000332	0.000202	0.189	0.0000025	0.000439	0.000639	0.00166	0.0000864
2108 Jul	0.0561	0.0000108	3.44	6.04	0.0599	0.00104	13	0.00514	0.038	0.000309	0.000348	0.000211	0.197	0.00000263	0.000459	0.000668	0.00175	0.0000902
2108 Aug	0.0592	0.0000114	3.63	6.38	0.0632	0.0011	13.8	0.00543	0.0401	0.000326	0.000368	0.000223	0.208	0.00000278	0.000484	0.000705	0.00185	0.0000952
2108 Sep	0.0597	0.0000115	3.65	6.41	0.0635	0.0011	13.8	0.00545	0.0405	0.000327	0.000369	0.000224	0.209	0.0000028	0.000487	0.000709	0.00186	0.0000956
2108 Oct	0.0568	0.000011	3.39	5.95	0.0585	0.00104	12.9	0.00503	0.0398	0.0003	0.000339	0.000206	0.195	0.00000265	0.000449	0.000657	0.00176	0.0000874
2108 Nov	0.0565	0.000011	3.35	5.87	0.0576	0.00103	12.7	0.00495	0.04	0.000295	0.000333	0.000203	0.192	0.00000263	0.000442	0.000648	0.00174	0.0000858
2108 Dec	0.0565	0.000011	3.35	5.87	0.0576	0.00103	12.7	0.00495	0.04	0.000295	0.000333	0.000203	0.192	0.00000263	0.000442	0.000648	0.00174	0.0000857
2109 Jan	0.0565	0.000011	3.35	5.87	0.0576	0.00103	12.7	0.00495	0.04	0.000295	0.000333	0.000203	0.192	0.00000263	0.000442	0.000648	0.00174	0.0000857
2109 Feb	0.0566	0.000011	3.35	5.87	0.0576	0.00103	12.7	0.00495	0.04	0.000295	0.000333	0.000203	0.193	0.00000264	0.000442	0.000649	0.00174	0.0000857
2109 Mar	0.0567	0.000011	3.35	5.88	0.0577	0.00103	12.7	0.00496	0.0401	0.000295	0.000333	0.000203	0.193	0.00000264	0.000443	0.00065	0.00174	0.0000858
2109 Apr	0.057	0.0000111	3.37	5.91	0.0581	0.00103	12.8	0.00499	0.0403	0.000297	0.000335	0.000205	0.194	0.00000266	0.000445	0.000654	0.00175	0.0000864
2109 May	0.0597	0.0000111	3.35	5.92	0.0608	0.00101	12.7	0.00491	0.0411	0.000327	0.000334	0.000204	0.195	0.00000264	0.000435	0.000686	0.00176	0.0000839
2109 Jun	0.0632	0.000011	3.36	6	0.0653	0.000987	12.6	0.00486	0.0414	0.000372	0.000335	0.000205	0.199	0.00000261	0.000428	0.000732	0.00177	0.0000819
2109 Jul	0.0645	0.0000112	3.4	6.06	0.0658	0.000996	12.8	0.00491	0.0426	0.000376	0.000339	0.000207	0.201	0.00000267	0.000432	0.000739	0.0018	0.0000824
2109 Aug	0.0661	0.0000116	3.44	6.11	0.0663	0.00101	12.9	0.00495	0.044	0.00038	0.000341	0.000209	0.203	0.00000274	0.000434	0.000743	0.00184	0.0000826
2109 Sep	0.0652	0.0000115	3.37	6	0.0647	0.000993	12.7	0.00485	0.044	0.000369	0.000333	0.000205	0.199	0.00000271	0.000425	0.000726	0.00182	0.0000806
2109 Oct	0.0598	0.0000109	3.26	5.77	0.0594	0.000991	12.2	0.00472	0.0416	0.000324	0.000315	0.000197	0.191	0.00000259	0.000421	0.000661	0.0017	0.0000797
2109 Nov	0.0595	0.0000109	3.27	5.78	0.0591	0.000997	12.2	0.00474	0.0415	0.00032	0.000315	0.000198	0.191	0.0000026	0.000423	0.000657	0.0017	0.0000801
2109 Dec	0.0596	0.0000109	3.27	5.78	0.0591	0.000998	12.3	0.00474	0.0416	0.00032	0.000315	0.000198	0.191	0.0000026	0.000423	0.000657	0.0017	0.0000801
2110 Jan	0.0596	0.0000109	3.27	5.78	0.0592	0.000998	12.3	0.00474	0.0416	0.00032	0.000315	0.000198	0.191	0.0000026	0.000423	0.000657	0.0017	0.0000801
2110 Feb	0.0596	0.0000109	3.27	5.79	0.0592	0.000998	12.3	0.00474	0.0416	0.00032	0.000316	0.000198	0.191	0.0000026	0.000423	0.000658	0.0017	0.0000801
2110 Mar	0.0597	0.000011	3.28	5.79	0.0593	0.000999	12.3	0.00474	0.0416	0.000321	0.000316	0.000198	0.191	0.0000026	0.000423	0.000659	0.0017	0.0000802
2110 Apr	0.0599	0.000011	3.29	5.81	0.0595	0.001	12.3	0.00476	0.0418	0.000322	0.000317	0.000199	0.192	0.00000261	0.000425	0.000661	0.0017	0.0000805
2110 May	0.0611	0.0000111	3.32	5.87	0.0608	0.00101	12.4	0.00479	0.0423	0.000333	0.00032	0.0002	0.194	0.00000263	0.000427	0.000676	0.00172	0.0000807
2110 Jun	0.0593	0.0000104	3.41	6.09	0.0645	0.00102	12.6	0.00498	0.0375	0.000358	0.000333	0.000209	0.199	0.0000025	0.000448	0.000699	0.00164	0.0000853
2110 Jul	0.0604	0.0000107	3.53	6.31	0.0661	0.00106	13	0.00519	0.0383	0.000362	0.000346	0.000217	0.206	0.00000258	0.000468	0.000714	0.00169	0.0000891
2110 Aug	0.0535	0.0000103	3.41	6.01	0.0585	0.00105	12.5	0.00508	0.0354	0.000298	0.000327	0.00021	0.194	0.00000249	0.000462	0.000611	0.00157	0.000088
2110 Sep	0.0484	0.00000997	3.4	5.97	0.0544	0.00109	12.4	0.00517	0.0331	0.000253	0.000322	0.00021	0.192	0.00000242	0.000476	0.000558	0.00149	0.0000903
2110 Oct	0.0444	0.00000973	3.43	6	0.0515	0.00113	12.4	0.0053	0.0312	0.000218	0.000322	0.000211	0.191	0.00000238	0.000492	0.000519	0.00143	0.0000932
2110 Nov	0.0437	0.00000968	3.44	6	0.051	0.00114	12.4	0.00533	0.0308	0.000211	0.000322	0.000212	0.191	0.00000237	0.000495	0.000512	0.00141	0.0000937
2110 Dec	0.0437	0.00000968	3.43	6	0.051	0.00114	12.4	0.00532	0.0309	0.000211	0.000321	0.000212	0.19	0.00000237	0.000494	0.000512	0.00141	0.0000936
2111 Jan	0.0437	0.00000968	3.43	6	0.051	0.00114	12.4	0.00532	0.0309	0.000211	0.000321	0.000212	0.191	0.00000237	0.000494	0.000512	0.00141	0.0000936
2111 Feb	0.0437	0.00000968	3.43	6	0.0511	0.00114	12.4	0.00532	0.0309	0.000211	0.000322	0.000212	0.191	0.00000237	0.000494	0.000512	0.00141	0.0000936
2111 Mar	0.0438	0.0000097	3.44	6.02	0.0512	0.00114	12.5	0.00533	0.031	0.000212	0.000322	0.000212	0.191	0.00000238	0.000495	0.000513	0.00142	0.0000938
2111 Apr	0.0442	0.00000977	3.46	6.06	0.0515	0.00115	12.5	0.00537	0.0312	0.000213	0.000324	0.000214	0.192	0.00000239	0.000499	0.000517	0.00143	0.0000944
2111 May	0.0464	0.0000099	3.49	6.13	0.0539	0.00114	12.6	0.00538	0.0321	0.000235	0.000328	0.000215	0.195	0.00000242	0.000498	0.000545	0.00146	0.000094
2111 Jun	0.051	0.00000983	3.54	6.29	0.0605	0.00111	12.6	0.00539	0.0322	0.000298	0.000339	0.00022	0.201	0.00000239	0.000494	0.00062	0.00149	0.0000923
2111 Jul	0.0538	0.0000104	3.74	6.65	0.0638	0.00118	13.4	0.0057	0.0341	0.000313	0.000359	0.000232	0.213	0.00000253	0.000523	0.000655	0.00158	0.0000976
2111 Aug	0.0527	0.0000103	3.59	6.36	0.0608	0.00113	12.8	0.00545	0.0343	0.000298	0.000342	0.000223	0.204	0.00000249	0.000498	0.000622	0.00155	0.0000926
2111 Sep	0.0518	0.0000103	3.52	6.22	0.059	0.00112	12.6	0.00533	0.0343	0.000286	0.000332	0.000218	0.2	0.00000247	0.000487	0.000602	0.00153	0.0000903
2111 Oct	0.0491	0.0000101	3.51	6.18	0.0568	0.00113	12.5	0.00534	0.033	0.000263	0.000329	0.000217	0.198	0.00000243	0.000493	0.000574	0.00148	0.0000913
2111 Nov	0.047	0.00000995	3.51	6.17	0.055	0.00115	12.4	0.00538	0.0322	0.000244	0.000328	0.000217	0.197	0.0000024	0.000499	0.000552	0.00145	0.0000923
2111 Dec	0.047	0.00000995	3.51	6.17	0.055	0.00115	12.4	0.00538	0.0322	0.000244	0.000328	0.000217	0.197	0.00000241	0.000499	0.000552	0.00145	0.0000923
2112 Jan	0.0471	0.00000995	3.51	6.17	0.055	0.00115	12.4	0.00538	0.0322	0.000244	0.000328	0.000217	0.197	0.00000241	0.000499	0.000552	0.00145	0.0000923
2112 Feb	0.0471	0.00000996	3.51	6.17	0.0551	0.00115	12.4	0.00538	0.0322	0.000244	0.000328	0.000217	0.197	0.00000241	0.000499	0.000553	0.00145	0.0000923
2112 Mar	0.0472	0.00000998	3.52	6.19	0.0552	0.00115	12.5	0.00539	0.0323	0.000244	0.000328	0.000217	0.197	0.00000241	0.0005	0.000554	0.00145	0.0000925
2112 Apr	0.0475	0.00001	3.54	6.22	0.0555	0.00116	12.5	0.00543	0.0325	0.000246	0.00033	0.000219	0.198	0.00000243	0.000503	0.000557	0.00146	0.000093
2112 May	0.0502	0.0000101	3.56	6.3	0.0585	0.00115	12.6	0.00542	0.0334	0.000274	0.000334	0.00022	0.202	0.00000244	0.0005	0.000592	0.00149	0.0000922
2112 Jun	0.0494	0.00000972	3.61	6.44	0.0615	0.00114	12.6	0.00558	0.0305	0.000296	0.000351	0.000227	0.205	0.00000235	0.000513	0.000624	0.00148	0.000094
2112 Jul	0.0498	0.00001	3.72	6.61	0.0622	0.00118	12.9	0.00577	0.031	0.000293	0.000364	0.000233	0.21	0.00000242	0.000531	0.000633	0.00153	0.0000972
2112 Aug	0.0515	0.0000104	3.83	6.8	0.0639	0.00122	13.3	0.00593	0.0322	0.000301	0.000374	0.00024	0.216	0.0000025	0.000546	0.000651	0.00158	0.0000998
2112 Sep	0.0513	0.0000104	3.79	6.73	0.0632	0.00121	13.1	0.00586	0.0325	0.000297	0.000369	0.000237	0.214	0.0000025	0.000539	0.000643	0.00157	0.0000984
2112 Oct	0.051	0.0000103	3.74	6.63	0.0622	0.00119	13	0.00577	0.0326	0.000292	0.000363	0.000234	0.211	0.00000248	0.000531	0.000634	0.00156	0.0000967
2112 Nov	0.051	0.0000103	3.73	6.61	0.062	0.00119	12.9	0.00575	0.0327	0.000291	0.000361	0.000233	0.21	0.00000248	0.000529	0.000632	0.00155	0.0000963
2112 Dec	0.051	0.0000103	3.73	6.61	0.062	0.00119	12.9	0.00575	0.0328	0.000291	0.000361	0.000233	0.21	0.00000248	0.000529	0.000632	0.00156	0.0000963
2113 Jan	0.051	0.0000103	3.73	6.61	0.062	0.00119	12.9	0.00575	0.0328	0.000291	0.000361	0.000233	0.21	0.00000248	0.000529	0.000633	0.00156	0.0000962
2113 Feb	0.0511	0.0000103	3.73	6.61	0.062	0.00119	12.9	0.00575	0.0328	0.000291	0.000361	0.000233	0.211	0.00000248	0.000529	0.000633	0.00156	0.0000963
2113 Mar	0.0512	0.0000104	3.74	6.63	0.0622	0.00119	13	0.00577	0.0329	0.000292	0.000363	0.000234	0.211	0.00000249	0.00053	0.000635	0.00156	0.0000965
2113 Apr	0.0515	0.0000104	3.76	6.67	0.0626	0.0012	13	0.0058	0.0331	0.000294	0.000365	0.000235	0.212	0.0000025	0.000534	0.000639	0.00157	0.0000971
2113 May	0.0538	0.0000105	3.76	6.7	0.0647	0.00119	13.1	0.00577	0.034	0.000316	0.000366	0.000235	0.214	0.00000251	0.000528	0.000664	0.00159	0.0000958
2113 Jun	0.0556	0.0000103	3.74	6.7	0.0674	0.00116	12.8	0.00567	0.0336	0.000346	0.000365	0.000234	0.215	0.00000246	0.00052	0.000695	0.00158	0.0000938
2113 Jul	0.0578	0.0000107	3.89	6.97	0.0699	0.00121	13.4	0.00591	0.035	0.000358	0.00038	0.000244	0.223	0.00000256	0.000541	0.000721	0.00165	0.0000976
2113 Aug	0.0594	0.0000111	3.99	7.14	0.0716	0.00124	13.7	0.00605	0.0362	0.000367	0.00039	0.00025	0.229	0.00000264	0.000554	0.000738	0.0017	0.0000999
2113 Sep	0.0586	0.000011	3.89	6.97	0.0696	0.00121	13.4	0.00589	0.0363	0.000356	0.000378	0.000243	0.223	0.0000026	0.000539	0.00072	0.00167	0.0000969
2113 Oct	0.0535	0.0000104	3.67	6.54	0.0627	0.00117	12.6	0.00557	0.0348	0.000306	0.000351	0.000228	0.209	0.00000247	0.000514	0.000645	0.00155	0.0000919
2113 Nov	0.0522	0.0000104	3.67	6.52	0.0614	0.00118	12.5	0.00558	0.0344	0.000292	0.000349	0.000228	0.208	0.00000246	0.000517	0.000629	0.00153	0.0000923
2113 Dec	0.0523	0.0000104	3.67	6.52	0.0614	0.00118	12.5	0.00558	0.0345	0.000292	0.000348	0.000227	0.208	0.00000246	0.000517	0.000629	0.00154	0.0000922
2114 Jan	0.0523	0.0000104	3.67	6.52	0.0614	0.00118	12.5	0.00558	0.0345	0.000292	0.000348	0.000227	0.208	0.00000246	0.000517	0.000629	0.00154	0.0000922
2114 Feb	0.0523	0.0000104	3.67	6.52	0.0614	0.00118	12.5	0.00558	0.0345	0.000292	0.000348	0.000227	0.208	0.00000246	0.000517	0.000629	0.00154	0.0000922
2114 Mar	0.0524	0.0000104	3.67	6.53	0.0616	0.00118	12.5	0.00559	0.0346	0.000293	0.000349	0.000228	0.208	0.00000247	0.000517	0.000631	0.00154	0.0000923
2114 Apr	0.0526	0.0000104	3.69	6.56	0.0618	0.00119	12.6	0.00561	0.0347	0.000294	0.00035	0.000229	0.209	0.00000248	0.00052	0.000633	0.00154	0.0000927
2114 May	0.0546	0.0000105	3.71	6.62	0.0644	0.00118	12.6	0.00562	0.035	0.000318	0.000354	0.000231	0.212	0.00000248	0.000518	0.000662	0.00156	0.0000922
2114 Jun	0.0576	0.0000106	3.83	6.89	0.069	0.0012	13	0.0058	0.0354	0.000353	0.00037	0.00024	0.22	0.00000252	0.000533	0.00071	0.0016	0.0000945

Appendix D.2-6: A8

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.0611	0.0000113	4.06	7.3	0.0731	0.00127	13.8	0.00615	0.0376	0.000374	0.000392	0.000254	0.234	0.00000267	0.000565	0.000753	0.0017	0.0001
2114 Aug	0.0648	0.000012	4.3	7.73	0.0774	0.00135	14.6	0.00651	0.0399	0.000396	0.000415	0.000269	0.247	0.00000283	0.000598	0.000797	0.0018	0.000106
2114 Sep	0.0636	0.0000118	4.18	7.5	0.075	0.00131	14.2	0.00631	0.0398	0.000383	0.000401	0.00026	0.241	0.00000278	0.000579	0.000773	0.00177	0.000102
2114 Oct	0.0613	0.0000114	3.96	7.1	0.0707	0.00125	13.4	0.00595	0.0394	0.00036	0.000377	0.000246	0.228	0.00000268	0.000546	0.000732	0.0017	0.0000959
2114 Nov	0.0595	0.0000111	3.78	6.76	0.067	0.0012	12.8	0.00565	0.0392	0.00034	0.000356	0.000233	0.218	0.0000026	0.000518	0.000698	0.00164	0.0000905
2114 Dec	0.0594	0.0000111	3.76	6.73	0.0667	0.0012	12.8	0.00562	0.0393	0.000338	0.000354	0.000232	0.217	0.0000026	0.000516	0.000695	0.00164	0.00009
2115 Jan	0.0595	0.0000111	3.76	6.73	0.0667	0.0012	12.8	0.00562	0.0393	0.000338	0.000354	0.000232	0.217	0.0000026	0.000516	0.000695	0.00164	0.0000899
2115 Feb	0.0595	0.0000111	3.76	6.73	0.0668	0.0012	12.8	0.00562	0.0393	0.000339	0.000354	0.000232	0.217	0.0000026	0.000516	0.000696	0.00164	0.0000899
2115 Mar	0.0596	0.0000111	3.77	6.74	0.0668	0.0012	12.8	0.00562	0.0394	0.000339	0.000354	0.000232	0.217	0.0000026	0.000516	0.000696	0.00164	0.00009
2115 Apr	0.06	0.0000112	3.79	6.78	0.0672	0.00121	12.9	0.00566	0.0396	0.000341	0.000356	0.000234	0.219	0.00000261	0.000519	0.000701	0.00165	0.0000905
2115 May	0.0612	0.0000111	3.77	6.76	0.0686	0.00119	12.8	0.0056	0.0397	0.000357	0.000356	0.000232	0.219	0.0000026	0.000512	0.000717	0.00165	0.0000891
2115 Jun	0.0641	0.0000114	3.88	6.98	0.0723	0.00121	13.1	0.00574	0.0408	0.000385	0.000368	0.00024	0.226	0.00000266	0.000524	0.000757	0.0017	0.000091
2115 Jul	0.0673	0.000012	4.06	7.31	0.0757	0.00127	13.7	0.00601	0.0429	0.000403	0.000385	0.000251	0.237	0.00000279	0.000549	0.000792	0.00179	0.0000953
2115 Aug	0.0656	0.0000118	3.92	7.06	0.0729	0.00123	13.3	0.00579	0.0423	0.000388	0.00037	0.000242	0.229	0.00000273	0.000528	0.000762	0.00175	0.0000914
2115 Sep	0.0652	0.0000118	3.87	6.96	0.0718	0.00121	13.1	0.00571	0.0424	0.000381	0.000364	0.000239	0.226	0.00000272	0.00052	0.00075	0.00174	0.0000897
2115 Oct	0.065	0.0000117	3.86	6.93	0.0714	0.00121	13.1	0.00568	0.0425	0.00038	0.000362	0.000238	0.225	0.00000271	0.000518	0.000747	0.00173	0.0000893
2115 Nov	0.0641	0.0000116	3.78	6.79	0.0698	0.00119	12.8	0.00556	0.0422	0.000371	0.000354	0.000233	0.221	0.00000267	0.000506	0.000732	0.00171	0.0000871
2115 Dec	0.064	0.0000116	3.77	6.76	0.0695	0.00118	12.8	0.00553	0.0422	0.000369	0.000352	0.000232	0.22	0.00000267	0.000504	0.000729	0.0017	0.0000867
2116 Jan	0.064	0.0000116	3.77	6.76	0.0695	0.00118	12.8	0.00553	0.0423	0.000369	0.000352	0.000232	0.22	0.00000267	0.000504	0.000729	0.0017	0.0000866
2116 Feb	0.0641	0.0000116	3.77	6.76	0.0696	0.00118	12.8	0.00553	0.0423	0.000369	0.000352	0.000232	0.22	0.00000267	0.000504	0.00073	0.0017	0.0000866
2116 Mar	0.0642	0.0000116	3.77	6.77	0.0697	0.00119	12.8	0.00554	0.0423	0.00037	0.000352	0.000232	0.22	0.00000267	0.000504	0.000731	0.0017	0.0000867
2116 Apr	0.0645	0.0000117	3.79	6.81	0.0701	0.00119	12.9	0.00557	0.0426	0.000372	0.000354	0.000233	0.221	0.00000269	0.000507	0.000735	0.00171	0.0000872
2116 May	0.0661	0.0000117	3.8	6.84	0.0719	0.00118	12.9	0.00555	0.043	0.000389	0.000356	0.000234	0.223	0.00000269	0.000504	0.000756	0.00173	0.0000864
2116 Jun	0.0598	0.0000109	3.83	6.89	0.0704	0.00119	12.7	0.00573	0.037	0.000368	0.00037	0.000239	0.221	0.00000254	0.000527	0.000731	0.00164	0.0000913
2116 Jul	0.062	0.0000115	4.07	7.3	0.0737	0.00127	13.4	0.00612	0.0384	0.000379	0.000394	0.000254	0.234	0.00000268	0.000564	0.000763	0.00173	0.0000978
2116 Aug	0.0648	0.000012	4.25	7.63	0.077	0.00133	14	0.00639	0.0402	0.000396	0.000412	0.000265	0.244	0.0000028	0.000589	0.000797	0.00181	0.000102
2116 Sep	0.0624	0.0000116	3.99	7.17	0.0719	0.00126	13.2	0.00598	0.04	0.000368	0.000383	0.000248	0.23	0.00000269	0.000551	0.000749	0.00173	0.0000948
2116 Oct	0.0591	0.0000112	3.78	6.77	0.0667	0.00121	12.5	0.00565	0.0393	0.000335	0.000358	0.000234	0.218	0.00000259	0.000521	0.000696	0.00165	0.0000892
2116 Nov	0.0589	0.0000112	3.79	6.77	0.0665	0.00121	12.5	0.00566	0.0393	0.000332	0.000358	0.000234	0.218	0.00000259	0.000523	0.000693	0.00165	0.0000895
2116 Dec	0.0589	0.0000112	3.78	6.77	0.0664	0.00121	12.5	0.00565	0.0393	0.000332	0.000358	0.000234	0.217	0.00000259	0.000522	0.000693	0.00165	0.0000894
2117 Jan	0.0589	0.0000112	3.78	6.77	0.0664	0.00121	12.5	0.00565	0.0393	0.000332	0.000358	0.000234	0.217	0.00000259	0.000522	0.000693	0.00165	0.0000894
2117 Feb	0.059	0.0000112	3.78	6.77	0.0665	0.00121	12.5	0.00565	0.0393	0.000332	0.000358	0.000234	0.217	0.00000259	0.000522	0.000693	0.00165	0.0000894
2117 Mar	0.059	0.0000112	3.79	6.78	0.0666	0.00121	12.5	0.00566	0.0394	0.000333	0.000358	0.000234	0.218	0.00000259	0.000523	0.000694	0.00165	0.0000895
2117 Apr	0.0594	0.0000113	3.81	6.82	0.067	0.00122	12.6	0.0057	0.0396	0.000335	0.000361	0.000235	0.219	0.00000261	0.000526	0.000699	0.00166	0.0000901
2117 May	0.0611	0.0000114	3.84	6.88	0.0687	0.00122	12.7	0.00571	0.0403	0.000351	0.000363	0.000237	0.221	0.00000263	0.000526	0.000719	0.00168	0.0000898
2117 Jun	0.0632	0.0000114	3.9	7.02	0.0722	0.00122	12.8	0.00578	0.0402	0.00038	0.000372	0.000242	0.226	0.00000263	0.000532	0.000754	0.0017	0.0000907
2117 Jul	0.0667	0.000012	4.1	7.39	0.0759	0.00129	13.5	0.00608	0.0425	0.0004	0.000392	0.000254	0.238	0.00000278	0.000559	0.000794	0.00179	0.0000954
2117 Aug	0.0686	0.0000124	4.21	7.58	0.0779	0.00132	13.9	0.00624	0.0438	0.000411	0.000402	0.000261	0.244	0.00000286	0.000574	0.000815	0.00184	0.0000978
2117 Sep	0.0694	0.0000125	4.25	7.65	0.0786	0.00133	14	0.00629	0.0444	0.000414	0.000405	0.000263	0.247	0.00000289	0.000579	0.000822	0.00187	0.0000986
2117 Oct	0.0684	0.0000124	4.17	7.5	0.0769	0.00131	13.7	0.00616	0.0442	0.000405	0.000396	0.000258	0.242	0.00000285	0.000566	0.000805	0.00184	0.0000963
2117 Nov	0.0678	0.0000123	4.12	7.4	0.0758	0.0013	13.6	0.00608	0.0441	0.000399	0.00039	0.000254	0.239	0.00000283	0.000559	0.000795	0.00182	0.0000948
2117 Dec	0.0677	0.0000123	4.1	7.38	0.0755	0.00129	13.5	0.00605	0.0441	0.000397	0.000388	0.000253	0.238	0.00000282	0.000557	0.000792	0.00182	0.0000944
2118 Jan	0.0677	0.0000123	4.1	7.37	0.0755	0.00129	13.5	0.00605	0.0441	0.000397	0.000388	0.000253	0.238	0.00000282	0.000556	0.000793	0.00182	0.0000943
2118 Feb	0.0678	0.0000123	4.1	7.38	0.0756	0.00129	13.5	0.00605	0.0441	0.000397	0.000388	0.000253	0.238	0.00000282	0.000556	0.000793	0.00182	0.0000943
2118 Mar	0.0678	0.0000123	4.1	7.38	0.0757	0.00129	13.5	0.00605	0.0441	0.000398	0.000388	0.000253	0.238	0.00000282	0.000556	0.000794	0.00182	0.0000944
2118 Apr	0.0681	0.0000123	4.12	7.41	0.076	0.0013	13.6	0.00608	0.0443	0.0004	0.00039	0.000254	0.24	0.00000283	0.000559	0.000798	0.00182	0.0000948
2118 May	0.0706	0.000012	3.97	7.2	0.0781	0.00122	13.1	0.00577	0.0444	0.000435	0.000378	0.000245	0.234	0.00000275	0.000525	0.000827	0.0018	0.0000883
2118 Jun	0.0659	0.0000113	3.94	7.16	0.077	0.00121	12.8	0.00583	0.0396	0.000424	0.000381	0.000246	0.231	0.00000259	0.000532	0.000803	0.0017	0.00009
2118 Jul	0.07	0.000012	4.19	7.61	0.0817	0.00128	13.6	0.0062	0.042	0.000449	0.000405	0.000262	0.246	0.00000276	0.000567	0.000853	0.00181	0.0000959
2118 Aug	0.0687	0.0000119	4.08	7.4	0.0792	0.00125	13.3	0.00602	0.0419	0.000435	0.000392	0.000254	0.239	0.00000272	0.00055	0.000826	0.00178	0.0000926
2118 Sep	0.0627	0.0000113	3.85	6.95	0.0717	0.00121	12.5	0.0057	0.0399	0.000378	0.000365	0.000239	0.224	0.00000259	0.000525	0.000743	0.00167	0.0000881
2118 Oct	0.0579	0.0000111	3.87	6.93	0.0678	0.00125	12.5	0.00582	0.0376	0.000335	0.000364	0.00024	0.222	0.00000255	0.00054	0.000693	0.0016	0.0000911
2118 Nov	0.0566	0.000011	3.87	6.93	0.0668	0.00126	12.5	0.00586	0.0371	0.000323	0.000364	0.000241	0.221	0.00000254	0.000545	0.000679	0.00159	0.000092
2118 Dec	0.0567	0.000011	3.87	6.93	0.0667	0.00126	12.5	0.00585	0.0372	0.000323	0.000364	0.000241	0.221	0.00000254	0.000545	0.000679	0.00159	0.0000919
2119 Jan	0.0567	0.000011	3.87	6.93	0.0667	0.00126	12.5	0.00585	0.0372	0.000323	0.000364	0.000241	0.221	0.00000254	0.000545	0.000679	0.00159	0.0000919
2119 Feb	0.0567	0.000011	3.87	6.93	0.0668	0.00126	12.5	0.00585	0.0372	0.000323	0.000364	0.000241	0.221	0.00000254	0.000545	0.000679	0.00159	0.0000919
2119 Mar	0.0569	0.000011	3.88	6.95	0.0669	0.00126	12.5	0.00586	0.0373	0.000324	0.000365	0.000241	0.221	0.00000254	0.000546	0.000681	0.00159	0.000092
2119 Apr	0.0578	0.0000111	3.91	7.01	0.0679	0.00127	12.6	0.0059	0.0377	0.000329	0.000367	0.000243	0.224	0.00000256	0.000549	0.000691	0.00161	0.0000925
2119 May	0.0605	0.0000109	3.91	7.08	0.0725	0.00124	12.5	0.00587	0.037	0.000358	0.00037	0.000243	0.227	0.0000025	0.000542	0.000736	0.00159	0.000091
2119 Jun	0.059	0.0000108	3.97	7.18	0.0724	0.00126	12.7	0.00603	0.0358	0.000352	0.00038	0.000248	0.229	0.0000025	0.000557	0.000733	0.00159	0.0000937
2119 Jul	0.0622	0.0000115	4.17	7.54	0.0759	0.00132	13.3	0.00634	0.038	0.000369	0.000401	0.00026	0.24	0.00000264	0.000585	0.000772	0.00169	0.0000983
2119 Aug	0.0635	0.0000118	4.23	7.64	0.0769	0.00134	13.5	0.00642	0.039	0.000373	0.000405	0.000264	0.244	0.0000027	0.000592	0.000781	0.00172	0.0000993
2119 Sep	0.0615	0.0000115	4.05	7.31	0.0733	0.00129	13	0.00612	0.0386	0.000355	0.000385	0.000252	0.234	0.00000263	0.000564	0.000746	0.00167	0.0000943
2119 Oct	0.0593	0.0000112	3.96	7.12	0.0704	0.00127	12.6	0.00599	0.0379	0.000335	0.000374	0.000246	0.228	0.00000257	0.000554	0.000715	0.00162	0.0000925
2119 Nov	0.0576	0.0000111	3.95	7.08	0.0686	0.00128	12.5	0.00598	0.0373	0.000319	0.000371	0.000245	0.226	0.00000255	0.000557	0.000693	0.0016	0.000093
2119 Dec	0.0576	0.0000111	3.95	7.08	0.0685	0.00128	12.5	0.00598	0.0373	0.000318	0.000371	0.000245	0.225	0.00000256	0.000556	0.000693	0.0016	0.0000929

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	32.7	0.00997	0.00476	0.0009	5.56	0.0192	1.93	0.0009	0.0009	0.0000045	0.00654	0.00187	0.00854	0.0104	0.0000045	9.04	0.0000109	0.000178	0.0000922	0.000559
Operation (2026-2036): Mean	51.2	0.0855	0.00689	0.00101	12.3	0.0389	4.69	0.00101	0.00101	0.00000504	0.00796	0.0109	0.0112	0.0181	0.00000504	16.2	0.000016	0.000219	0.000165	0.000935
Operation (2026-2036): Max	79.2	0.118	0.0184	0.00128	18.2	0.0465	6.32	0.00128	0.00128	0.00000641	0.00893	0.0675	0.0128	0.0345	0.00000641	28.3	0.0000228	0.000393	0.000498	0.00125
Active Closure (2037-2043): Min	41.1	0.026	0.00447	0.000816	8.57	0.0206	3.02	0.000816	0.000816	0.00000408	0.00585	0.00103	0.00768	0.0145	0.00000408	13.2	0.0000124	0.00017	0.000113	0.000682
Active Closure (2037-2043): Mean	57.1	0.0475	0.0127	0.000935	12.4	0.024	4.73	0.000902	0.000902	0.00000451	0.00635	0.00171	0.00872	0.0224	0.00000451	18.6	0.000017	0.000263	0.000294	0.000863
Active Closure (2037-2043): Max	83.9	0.0901	0.0253	0.00137	17.6	0.0371	8.84	0.000964	0.000964	0.00000482	0.007	0.00476	0.0103	0.0331	0.00000482	27	0.0000192	0.000365	0.000483	0.0011
Post Closure (2044-2119): Min	80.6	0.0349	0.0237	0.00133	13	0.0243	8.48	0.000917	0.000897	0.0000046	0.00534	0.000881	0.0102	0.0134	0.00000463	12.3	0.0000149	0.000186	0.000153	0.000755
Post Closure (2044-2119): Mean	125	0.0616	0.0771	0.00257	21.8	0.0331	19.8	0.00124	0.000976	0.00000508	0.00621	0.00153	0.0221	0.0211	0.00000513	20.3	0.0000178	0.000494	0.000285	0.00106
Post Closure (2044-2119): Max	163	0.0828	0.121	0.00393	26	0.0469	40.6	0.00179	0.00108	0.00000559	0.00714	0.00254	0.0445	0.0284	0.00000582	29.9	0.0000219	0.00105	0.000415	0.00145
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	53.4	0.0546	0.0105	0.000928	12.1	0.027	4.35	0.000928	0.000928	0.00000464	0.00675	0.012	0.00925	0.0213	0.00000464	17.9	0.0000169	0.000254	0.000263	0.000871
2026 Feb	53.5	0.0547	0.0105	0.000928	12.1	0.027	4.36	0.000928	0.000928	0.00000464	0.00675	0.012	0.00925	0.0213	0.00000464	18	0.0000169	0.000254	0.000264	0.000871
2026 Mar	53.5	0.0547	0.0105	0.000929	12.2	0.027	4.36	0.000929	0.000929	0.00000464	0.00675	0.0124	0.00926	0.0214	0.00000464	18	0.000017	0.000255	0.000264	0.000872
2026 Apr	53.7	0.0549	0.0106	0.000931	12.2	0.0271	4.38	0.000931	0.000931	0.00000466	0.00677	0.0146	0.00928	0.0214	0.00000466	18	0.000017	0.000256	0.000265	0.000874
2026 May	54.3	0.0555	0.0107	0.000941	12.3	0.0274	4.43	0.000941	0.000941	0.0000047	0.00684	0.0152	0.00938	0.0217	0.0000047	18.2	0.0000172	0.000258	0.000268	0.000884
2026 Jun	49.1	0.0439	0.00966	0.000938	10.6	0.0251	3.79	0.000938	0.000938	0.00000469	0.00686	0.0118	0.00935	0.0189	0.00000469	16	0.0000181	0.000241	0.000225	0.000803
2026 Jul	49.7	0.043	0.00976	0.00097	10.6	0.0257	3.79	0.00097	0.00097	0.00000485	0.00708	0.012	0.00965	0.019	0.00000485	16.1	0.0000188	0.000244	0.000224	0.000816
2026 Aug	51.1	0.0446	0.00966	0.00102	11.2	0.0295	3.98	0.00102	0.00102	0.00000511	0.00719	0.0142	0.0105	0.0193	0.00000511	16.5	0.0000177	0.000247	0.000217	0.000852
2026 Sep	51.7	0.0734	0.00747	0.00105	12.3	0.0395	4.58	0.00105	0.00105	0.00000523	0.00767	0.0229	0.0119	0.0183	0.00000523	16.4	0.0000147	0.000228	0.000167	0.00092
2026 Oct	50.6	0.101	0.00555	0.000999	12.7	0.0431	4.94	0.000999	0.000999	0.000005	0.00819	0.0113	0.0116	0.0173	0.000005	15.8	0.0000148	0.000205	0.000138	0.00096
2026 Nov	51.1	0.103	0.00554	0.00101	12.8	0.0437	5	0.00101	0.00101	0.00000504	0.00829	0.0103	0.0117	0.0174	0.00000504	16	0.0000149	0.000206	0.000138	0.000972
2026 Dec	51.2	0.104	0.00554	0.00101	12.8	0.0437	5.01	0.00101	0.00101	0.00000504	0.0083	0.0101	0.0117	0.0174	0.00000504	16	0.0000149	0.000206	0.000138	0.000973
2027 Jan	51.5	0.104	0.00566	0.00101	12.9	0.0437	5.04	0.00101	0.00101	0.00000504	0.0083	0.01	0.0117	0.0176	0.00000504	16.2	0.0000149	0.000208	0.000142	0.000977
2027 Feb	52	0.104	0.00584	0.00101	13.1	0.0435	5.08	0.00101	0.00101	0.00000504	0.00828	0.00999	0.0116	0.0179	0.00000504	16.4	0.000015	0.00021	0.000148	0.000982
2027 Mar	52.4	0.104	0.00597	0.00101	13.2	0.0435	5.12	0.00101	0.00101	0.00000505	0.00829	0.00998	0.0116	0.0182	0.00000505	16.6	0.000015	0.000213	0.000152	0.000987
2027 Apr	53.3	0.106	0.00613	0.00102	13.4	0.044	5.2	0.00102	0.00102	0.00000511	0.00838	0.0101	0.0118	0.0185	0.00000511	16.9	0.0000152	0.000217	0.000157	0.001
2027 May	55.8	0.109	0.00656	0.00106	14	0.0454	5.43	0.00106	0.00106	0.00000531	0.00869	0.0259	0.0122	0.0195	0.00000531	17.7	0.0000159	0.000228	0.000168	0.00104
2027 Jun	40.9	0.0377	0.00692	0.000979	8.14	0.0262	2.96	0.000979	0.000979	0.0000049	0.00749	0.0204	0.0102	0.0136	0.0000049	12	0.0000198	0.000205	0.000125	0.00071
2027 Jul	37.2	0.017	0.00699	0.001	6.49	0.022	2.27	0.001	0.001	0.000005	0.00746	0.00737	0.0101	0.0119	0.000005	10.4	0.0000217	0.000201	0.000107	0.000636
2027 Aug	42.7	0.0291	0.0071	0.00107	8.73	0.032	3.08	0.00107	0.00107	0.00000537	0.00729	0.0138	0.0119	0.014	0.00000537	12.6	0.0000168	0.000212	0.000112	0.000736
2027 Sep	49.1	0.0908	0.00544	0.00101	12.2	0.0436	4.71	0.00101	0.00101	0.00000505	0.00781	0.0116	0.012	0.0165	0.00000505	15.3	0.0000131	0.000202	0.000122	0.000921
2027 Oct	50.6	0.11	0.005	0.000994	12.9	0.0446	5.07	0.000994	0.000994	0.00000497	0.00839	0.0072	0.0116	0.017	0.00000497	15.7	0.0000148	0.000199	0.000129	0.000978
2027 Nov	50.8	0.111	0.005	0.000996	12.9	0.0447	5.1	0.000996	0.000996	0.00000498	0.00843	0.00489	0.0116	0.0171	0.00000498	15.8	0.0000148	0.000199	0.000129	0.000982
2027 Dec	50.7	0.111	0.00499	0.000995	12.9	0.0447	5.1	0.000995	0.000995	0.00000498	0.00843	0.00456	0.0116	0.0171	0.00000498	15.8	0.0000148	0.000199	0.000129	0.000982
2028 Jan	51.8	0.111	0.00538	0.000996	13.2	0.0444	5.18	0.000996	0.000996	0.00000498	0.0084	0.00447	0.0116	0.0177	0.00000498	16.3	0.0000149	0.000205	0.000141	0.000993
2028 Feb	53.4	0.112	0.00595	0.000996	13.6	0.044	5.31	0.000996	0.000996	0.00000498	0.00836	0.00444	0.0115	0.0187	0.00000498	17	0.000015	0.000213	0.000159	0.00101
2028 Mar	54.5	0.112	0.00632	0.000996	13.8	0.0438	5.39	0.000996	0.000996	0.00000498	0.00834	0.00443	0.0114	0.0193	0.00000498	17.4	0.0000151	0.000219	0.000171	0.00102
2028 Apr	55.8	0.113	0.00665	0.00101	14.2	0.044	5.51	0.00101	0.00101	0.00000503	0.0084	0.00446	0.0115	0.0199	0.00000503	18	0.0000153	0.000225	0.000182	0.00104
2028 May	58.6	0.118	0.00711	0.00105	14.9	0.0457	5.77	0.00105	0.00105	0.00000525	0.00874	0.0222	0.012	0.0211	0.00000525	18.9	0.000016	0.000237	0.000195	0.00109
2028 Jun	40.9	0.0365	0.00698	0.000993	8.03	0.0259	2.91	0.000993	0.000993	0.00000496	0.00762	0.0331	0.0103	0.0136	0.00000496	11.9	0.0000205	0.000207	0.000124	0.000711
2028 Jul	38.2	0.0115	0.00734	0.00107	6.42	0.0228	2.23	0.00107	0.00107	0.00000533	0.00779	0.00862	0.0105	0.0122	0.00000533	10.5	0.0000228	0.000207	0.000108	0.000661
2028 Aug	44.7	0.0227	0.00778	0.00118	8.68	0.0327	3.06	0.00118	0.00118	0.00000591	0.00801	0.0289	0.0125	0.0147	0.00000591	13	0.0000196	0.000225	0.000119	0.00079
2028 Sep	48.2	0.0694	0.00628	0.00108	11.2	0.0404	4.21	0.00108	0.00108	0.00000541	0.00801	0.0262	0.0123	0.0161	0.00000541	14.7	0.0000156	0.000212	0.000123	0.000891
2028 Oct	49.9	0.107	0.005	0.000987	12.6	0.0438	4.97	0.000987	0.000987	0.00000494	0.0083	0.0047	0.0115	0.0168	0.00000494	15.5	0.0000148	0.000197	0.000127	0.000964
2028 Nov	50.4	0.109	0.00504	0.000996	12.8	0.0443	5.03	0.000996	0.000996	0.00000498	0.00839	0.00421	0.0116	0.017	0.00000498	15.7	0.0000149	0.000199	0.000128	0.000974
2028 Dec	50.5	0.109	0.00504	0.000997	12.8	0.0444	5.04	0.000997	0.000997	0.00000499	0.0084	0.00416	0.0116	0.017	0.00000499	15.7	0.0000149	0.000199	0.000129	0.000976
2029 Jan	50.8	0.109	0.00515	0.000997	12.9	0.0443	5.06	0.000997	0.000997	0.00000499	0.00839	0.00414	0.0116	0.0172	0.00000499	15.8	0.0000149	0.000201	0.000132	0.000979
2029 Feb	51.2	0.109	0.0053	0.000997	13	0.0442	5.1	0.000997	0.000997	0.00000499	0.00838	0.00413	0.0116	0.0174	0.00000499	16	0.000015	0.000203	0.000137	0.000983
2029 Mar	51.5	0.109	0.00541	0.000998	13	0.0441	5.12	0.000998	0.000998	0.00000499	0.00838	0.00413	0.0116	0.0176	0.00000499	16.2	0.000015	0.000205	0.00014	0.000986
2029 Apr	51.9	0.109	0.00549	0.001	13.1	0.0442	5.15	0.001	0.001	0.000005	0.0084	0.00414	0.0116	0.0178	0.000005	16.3	0.000015	0.000206	0.000143	0.000991
2029 May	53.1	0.112	0.00566	0.00102	13.4	0.045	5.27	0.00102	0.00102	0.00000511	0.00857	0.00544	0.0118	0.0182	0.00000511	16.7	0.0000154	0.000211	0.000147	0.00101
2029 Jun	48	0.0747	0.00645	0.00104	10.9	0.0363	4.15	0.00104	0.00104	0.00000521	0.00836	0.0289	0.0114	0.0161	0.00000521	14.5	0.0000186	0.000214	0.000136	0.000881
2029 Jul	33.7	0.00997	0.00654	0.000943	5.6	0.0195	1.93	0.000943	0.000943	0.00000471	0.00696	0.00187	0.00937	0.0107	0.00000471	9.26	0.0000207	0.000186	0.0000946	0.000575
2029 Aug	37.6	0.0159	0.00688	0.00102	6.85	0.0248	2.39	0.00102	0.00102	0.00000508	0.0072	0.00586	0.0105	0.0121	0.00000508	10.7	0.0000195	0.000198	0.000102	0.00065
2029 Sep	46.4	0.0676	0.00609	0.00104	10.7	0.0381	4.02	0.00104	0.00104	0.00000521	0.00787	0.0181	0.0118	0.0154	0.00000521	14.1	0.000016	0.000206	0.000119	0.000853
2029 Oct	49.1	0.0975	0.00529	0.001	12.2	0.0424	4.74	0.001	0.001	0.00000502	0.00822	0.0148	0.0116	0.0165	0.00000502	15.2	0.0000152	0.0002	0.000125	0.000938
2029 Nov	49.3	0.106	0.00493	0.000974	12.5	0.0433	4.92	0.000974	0.000974	0.00000487	0.00822	0.00394	0.0113	0.0166	0.00000487	15.3	0.0000146	0.000195	0.000126	0.000953
2029 Dec	49.5	0.107	0.00494	0.000977	12.5	0.0434	4.94	0.000977	0.000977	0.00000488	0.00824	0.00381	0.0114	0.0166	0.00000488	15.4	0.0000147	0.000195	0.000126	0.000956
2030 Jan	50	0.107	0.00512	0.000977	12.7	0.0433	4.98	0.000977	0.000977	0.00000488	0.00823	0.00378	0.0113	0.017	0.00000488	15.6	0.0000147	0.000198	0.000132	0.000961
2030 Feb	50.8	0.107	0.00539	0.000977	12.8	0.0431	5.04	0.000977	0.000977	0.00000489	0.00821	0.00377	0.0113	0.0174	0.00000489	15.9	0.0000147	0.000202	0.00014	0.000969
2030 Mar	51.3	0.107	0.00556	0.000979	13	0.0431	5.09	0.000979	0.000979	0.0000049	0.00822	0.00377	0.0113	0.0177	0.0000049	16.2	0.0000148	0.000205	0.000146	0.000975
2030 Apr	51.8	0.108	0.0057	0.000983	13.1	0.0432	5.13	0.000983	0.000983	0.00000491	0.00824	0.00378	0.0113	0.018	0.00000491	16.4	0.0000149	0.000207	0.00015	0.000982
2030 May	53.9	0.112	0.00598	0.00102	13.6	0.0447	5.33	0.00102	0.00102	0.00000509	0.00853	0.0233	0.0117	0.0187	0.00000509	17.1	0.0000154	0.000216	0.000158	0.00102
2030 Jun	41.4	0.0421	0.00666	0.001	8.29	0.0277	3.05	0.001	0.001	0.00000501	0.00776	0.0154	0.0105	0.0135	0.00000501	12	0.0000202	0.000204	0.000118	0.00073
2030 Jul	36	0.0108	0.0069	0.00101	6.09	0.0219	2.12	0.00101	0.00101	0.00000505	0.00732	0.00398	0.00992	0.0116	0.00000505	9.98	0.0000213	0.000194	0.000101	0.000629
2030 Aug	41	0.0186	0.00721	0.00111	7.86	0.0303	2.8	0.00111	0.00111	0.00000554	0.00745	0.0132	0.0113	0.0137	0.00000554	11.9	0.0000184	0.000204	0.000111	0.000746
2030 Sep	47.6	0.046	0.00712	0.00116	10.4	0.039	3.79	0.00116	0.00116	0.00000579	0.00792	0.0328	0.0128	0.0159	0.00000579	14.3	0.0000163	0.00022	0.000122	0.000866
2030 Oct	49.2	0.0826	0.00589	0.00106	11.8	0.042	4.51	0.00106	0.00106	0.0000053	0.00818	0.022	0.0121	0.0165	0.0000053	15.1	0.0000154	0.000207	0.000126	0.000928
2030 Nov	49.5	0.0972	0.00534	0.00101	12.2	0.043	4.78	0.00101	0.00101	0.00000507	0.00824	0.0107	0.0117	0.0166	0.00000507	15.3	0.000015	0.000201	0.000126	0.000948
2030 Dec	49.6	0.0981	0.00533	0.00101	12.3	0.0432	4.81	0.00101	0.00101	0.00000507	0.00826	0.0102	0.0117	0.0167	0.00000507	15.4	0.000015	0.000201	0.000127	0.000951
2031 Jan	50.3	0.0985	0.00556	0.00101	12.5	0.043	4.86	0.00101	0.00101	0.00000507	0.00825	0.01	0.0117	0.0171	0.00000507	15.7	0.0000151	0.000204	0.000134	0.000959

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	51.3	0.0988	0.00589	0.00101	12.7	0.0428	4.94	0.00101	0.00101	0.00000507	0.00822	0.00995	0.0116	0.0177	0.00000507	16.1	0.0000151	0.000209	0.000145	0.000968
2031 Mar	51.9	0.0991	0.00612	0.00101	12.9	0.0427	5	0.00101	0.00101	0.00000507	0.00821	0.00991	0.0116	0.018	0.00000507	16.4	0.0000151	0.000213	0.000152	0.000975
2031 Apr	53	0.1	0.00635	0.00103	13.2	0.0431	5.09	0.00103	0.00103	0.00000513	0.0083	0.0236	0.0117	0.0185	0.00000513	16.8	0.0000154	0.000218	0.000159	0.000991
2031 May	59	0.101	0.00833	0.00106	14.6	0.0424	5.53	0.00106	0.00106	0.00000532	0.00846	0.0675	0.0118	0.0217	0.00000532	19.2	0.0000166	0.000251	0.000217	0.00106
2031 Jun	79.2	0.0668	0.0184	0.0011	18.2	0.0257	6.32	0.0011	0.0011	0.00000548	0.00774	0.0182	0.0101	0.0345	0.00000548	28.3	0.0000225	0.000393	0.000498	0.00117
2031 Jul	77.7	0.0575	0.0171	0.00128	17.5	0.0336	6.17	0.00128	0.00128	0.00000641	0.00854	0.035	0.0115	0.0331	0.00000641	27	0.0000227	0.000372	0.000443	0.00125
2031 Aug	53.7	0.0396	0.00953	0.00114	12.5	0.0413	4.56	0.00114	0.00114	0.00000571	0.00659	0.0272	0.0115	0.0212	0.00000571	17.9	0.0000109	0.000231	0.000214	0.000994
2031 Sep	49.5	0.0853	0.00584	0.00101	12.4	0.0438	4.73	0.00101	0.00101	0.00000505	0.00747	0.0122	0.0119	0.0171	0.00000505	15.6	0.0000118	0.000202	0.000133	0.000927
2031 Oct	49.5	0.108	0.00489	0.000971	12.6	0.0436	4.97	0.000971	0.000971	0.00000485	0.0082	0.00356	0.0113	0.0167	0.00000485	15.4	0.0000144	0.000194	0.000126	0.000958
2031 Nov	50.1	0.109	0.00494	0.000982	12.7	0.0441	5.03	0.000982	0.000982	0.00000491	0.0083	0.00306	0.0114	0.0169	0.00000491	15.6	0.0000146	0.000196	0.000128	0.000969
2031 Dec	50.1	0.11	0.00494	0.000983	12.7	0.0442	5.03	0.000983	0.000983	0.00000491	0.00831	0.00301	0.0115	0.0169	0.00000491	15.6	0.0000146	0.000197	0.000128	0.00097
2032 Jan	50.5	0.11	0.00507	0.000983	12.8	0.0441	5.06	0.000983	0.000983	0.00000491	0.00831	0.003	0.0114	0.0171	0.00000491	15.8	0.0000146	0.000198	0.000132	0.000974
2032 Feb	51	0.11	0.00525	0.000983	13	0.0439	5.1	0.000983	0.000983	0.00000492	0.00829	0.003	0.0114	0.0174	0.00000492	16	0.0000147	0.000201	0.000138	0.000979
2032 Mar	51.4	0.11	0.00538	0.000984	13.1	0.0439	5.14	0.000984	0.000984	0.00000492	0.00829	0.003	0.0114	0.0176	0.00000492	16.2	0.0000147	0.000203	0.000142	0.000983
2032 Apr	52	0.111	0.0055	0.000991	13.2	0.0441	5.19	0.000991	0.000991	0.00000495	0.00834	0.00302	0.0115	0.0179	0.00000495	16.4	0.0000148	0.000206	0.000146	0.000992
2032 May	54	0.114	0.0058	0.00102	13.7	0.0455	5.38	0.00102	0.00102	0.00000512	0.00862	0.0224	0.0118	0.0187	0.00000512	17.1	0.0000154	0.000215	0.000154	0.00103
2032 Jun	40.4	0.0397	0.00662	0.000979	8.06	0.0266	2.95	0.000979	0.000979	0.00000489	0.00756	0.0121	0.0102	0.0133	0.00000489	11.8	0.0000198	0.000201	0.000118	0.00071
2032 Jul	32.7	0.0123	0.00623	0.0009	5.56	0.0192	1.93	0.0009	0.0009	0.0000045	0.00667	0.00313	0.00899	0.0104	0.0000045	9.04	0.0000196	0.000178	0.0000922	0.000559
2032 Aug	38.4	0.0244	0.00643	0.00098	7.79	0.029	2.74	0.00098	0.00098	0.0000049	0.00661	0.00664	0.0108	0.0126	0.0000049	11.3	0.0000153	0.000192	0.0000995	0.000666
2032 Sep	47.3	0.0626	0.00618	0.00105	11.3	0.042	4.17	0.00105	0.00105	0.00000524	0.00714	0.021	0.0127	0.0158	0.00000524	14.6	0.0000115	0.000208	0.000114	0.000846
2032 Oct	49.5	0.0845	0.00577	0.00104	12.2	0.0439	4.64	0.00104	0.00104	0.00000521	0.00782	0.023	0.0125	0.0166	0.00000521	15.4	0.0000131	0.000208	0.000123	0.000919
2032 Nov	50.2	0.0955	0.00548	0.00103	12.5	0.0444	4.84	0.00103	0.00103	0.00000514	0.00809	0.0145	0.0122	0.0169	0.00000514	15.6	0.0000139	0.000205	0.000126	0.000948
2032 Dec	50.2	0.103	0.00521	0.00101	12.6	0.0443	4.94	0.00101	0.00101	0.00000503	0.00821	0.00812	0.0118	0.0169	0.00000503	15.6	0.0000143	0.000201	0.000127	0.000959
2033 Jan	51.6	0.103	0.0057	0.00101	13	0.0439	5.06	0.00101	0.00101	0.00000503	0.00818	0.00779	0.0117	0.0177	0.00000503	16.2	0.0000144	0.000208	0.000143	0.000974
2033 Feb	53.4	0.104	0.00633	0.00101	13.5	0.0435	5.2	0.00101	0.00101	0.00000503	0.00814	0.00769	0.0116	0.0188	0.00000503	17	0.0000145	0.000218	0.000163	0.000992
2033 Mar	54.6	0.104	0.00671	0.00101	13.8	0.0433	5.3	0.00101	0.00101	0.00000504	0.00814	0.00766	0.0116	0.0194	0.00000504	17.5	0.0000146	0.000224	0.000175	0.00101
2033 Apr	56	0.106	0.00704	0.00102	14.1	0.0438	5.43	0.00102	0.00102	0.00000512	0.00825	0.00774	0.0118	0.0201	0.00000512	18.1	0.0000149	0.000231	0.000185	0.00103
2033 May	70.6	0.0933	0.0134	0.00103	17.2	0.0351	6.26	0.00103	0.00103	0.00000516	0.00776	0.0186	0.0107	0.0291	0.00000516	24.6	0.0000177	0.000322	0.000374	0.00113
2033 Jun	68.8	0.056	0.0162	0.000933	15.8	0.0212	5.46	0.000933	0.000933	0.00000466	0.00654	0.00919	0.00854	0.0302	0.00000466	24.6	0.0000193	0.000343	0.00044	0.001
2033 Jul	69.8	0.0549	0.0162	0.000998	15.9	0.0231	5.5	0.000998	0.000998	0.00000499	0.00695	0.0108	0.00914	0.0304	0.00000499	24.8	0.0000203	0.000347	0.000435	0.00104
2033 Aug	73.7	0.0589	0.0162	0.00115	16.9	0.031	5.91	0.00115	0.00115	0.00000573	0.00763	0.022	0.0111	0.0312	0.00000573	25.8	0.0000197	0.000358	0.000422	0.00113
2033 Sep	51.7	0.0992	0.00605	0.000997	13	0.0429	5.01	0.000997	0.000997	0.00000499	0.008	0.00934	0.0116	0.018	0.00000499	16.4	0.0000142	0.000211	0.000151	0.000965
2033 Oct	48.3	0.106	0.00476	0.000946	12.3	0.0425	4.86	0.000946	0.000946	0.00000473	0.00803	0.00288	0.011	0.0163	0.00000473	15.1	0.0000142	0.000189	0.000124	0.000936
2033 Nov	48.8	0.107	0.00479	0.000954	12.4	0.0429	4.9	0.000954	0.000954	0.00000477	0.0081	0.00249	0.0111	0.0164	0.00000477	15.2	0.0000143	0.000191	0.000124	0.000944
2033 Dec	48.8	0.107	0.0048	0.000955	12.4	0.043	4.91	0.000955	0.000955	0.00000478	0.00811	0.00248	0.0111	0.0165	0.00000478	15.2	0.0000143	0.000191	0.000125	0.000945
2034 Jan	49	0.107	0.00485	0.000956	12.5	0.0429	4.92	0.000956	0.000956	0.00000478	0.00811	0.00248	0.0111	0.0165	0.00000478	15.3	0.0000143	0.000192	0.000126	0.000947
2034 Feb	49.2	0.107	0.00492	0.000956	12.5	0.0429	4.94	0.000956	0.000956	0.00000478	0.00811	0.00248	0.0111	0.0167	0.00000478	15.4	0.0000143	0.000193	0.000129	0.000949
2034 Mar	49.3	0.107	0.00497	0.000957	12.6	0.0429	4.95	0.000957	0.000957	0.00000478	0.00811	0.00248	0.0111	0.0167	0.00000478	15.4	0.0000144	0.000194	0.00013	0.000951
2034 Apr	49.9	0.108	0.00505	0.000966	12.7	0.0433	5.01	0.000966	0.000966	0.00000483	0.00818	0.0025	0.0112	0.017	0.00000483	15.6	0.0000145	0.000196	0.000132	0.000961
2034 May	55.1	0.108	0.00682	0.000999	13.9	0.0425	5.37	0.000999	0.000999	0.000005	0.0083	0.0151	0.0113	0.0198	0.000005	17.8	0.0000156	0.000226	0.000184	0.00102
2034 Jun	71.3	0.0773	0.0153	0.000968	17	0.0274	6.02	0.000968	0.000968	0.00000484	0.0071	0.00822	0.00931	0.0307	0.00000484	25.4	0.0000186	0.00034	0.000428	0.00109
2034 Jul	68.3	0.0702	0.0145	0.001	16.1	0.029	5.74	0.001	0.001	0.000005	0.0071	0.00898	0.00945	0.0292	0.000005	24.1	0.000018	0.000321	0.000396	0.00108
2034 Aug	71.7	0.0731	0.0143	0.00115	17	0.0371	6.09	0.00115	0.00115	0.00000573	0.00774	0.0181	0.0117	0.0296	0.00000573	24.9	0.0000172	0.000333	0.000375	0.00115
2034 Sep	53.4	0.102	0.00639	0.00101	13.4	0.0435	5.18	0.00101	0.00101	0.00000507	0.00817	0.00969	0.0117	0.0188	0.00000507	17	0.0000147	0.000218	0.000164	0.000995
2034 Oct	50.5	0.111	0.00496	0.000989	12.9	0.0445	5.08	0.000989	0.000989	0.00000494	0.0084	0.00282	0.0115	0.017	0.00000494	15.7	0.0000148	0.000198	0.000129	0.000979
2034 Nov	51.4	0.113	0.00504	0.00101	13.1	0.0453	5.17	0.00101	0.00101	0.00000503	0.00855	0.00235	0.0117	0.0173	0.00000503	16	0.0000151	0.000201	0.000131	0.000996
2034 Dec	51.5	0.113	0.00505	0.00101	13.1	0.0453	5.18	0.00101	0.00101	0.00000504	0.00856	0.00232	0.0117	0.0173	0.00000504	16	0.0000151	0.000202	0.000131	0.000997
2035 Jan	51.9	0.113	0.00518	0.00101	13.2	0.0452	5.21	0.00101	0.00101	0.00000504	0.00855	0.00231	0.0117	0.0176	0.00000504	16.2	0.0000151	0.000204	0.000136	0.001
2035 Feb	52.4	0.113	0.00538	0.00101	13.3	0.0451	5.25	0.00101	0.00101	0.00000504	0.00854	0.00232	0.0117	0.0179	0.00000504	16.4	0.0000152	0.000207	0.000142	0.00101
2035 Mar	52.8	0.114	0.00551	0.00101	13.4	0.045	5.28	0.00101	0.00101	0.00000504	0.00853	0.00232	0.0117	0.0181	0.00000504	16.6	0.0000152	0.000209	0.000146	0.00101
2035 Apr	53.6	0.115	0.00566	0.00102	13.6	0.0454	5.36	0.00102	0.00102	0.00000509	0.00861	0.00234	0.0118	0.0185	0.00000509	16.9	0.0000154	0.000212	0.000151	0.00102
2035 May	57.4	0.118	0.00656	0.00106	14.5	0.0465	5.68	0.00106	0.00106	0.00000532	0.00893	0.0227	0.0122	0.0202	0.00000532	18.3	0.0000163	0.000231	0.000176	0.00108
2035 Jun	51.6	0.0395	0.011	0.000945	10.9	0.022	3.82	0.000945	0.000945	0.00000473	0.00694	0.00798	0.0092	0.0203	0.00000473	17	0.00002	0.000262	0.00026	0.000806
2035 Jul	50.6	0.0353	0.0106	0.000997	10.4	0.0229	3.64	0.000997	0.000997	0.00000498	0.0073	0.00849	0.00971	0.0194	0.00000498	16.3	0.000021	0.00026	0.000239	0.000804
2035 Aug	50.6	0.0428	0.00867	0.00108	11.5	0.0371	4.08	0.00108	0.00108	0.00000539	0.00687	0.0131	0.0123	0.0183	0.00000539	16.2	0.0000131	0.000238	0.000175	0.000855
2035 Sep	49.6	0.101	0.00514	0.00099	12.6	0.0443	4.91	0.00099	0.00099	0.00000495	0.00798	0.00593	0.0118	0.0167	0.00000495	15.5	0.0000134	0.000198	0.000125	0.000946
2035 Oct	49.9	0.11	0.0049	0.000978	12.7	0.044	5.02	0.000978	0.000978	0.00000489	0.0083	0.0056	0.0114	0.0168	0.00000489	15.5	0.0000146	0.000196	0.000127	0.000967
2035 Nov	49.1	0.108	0.00481	0.000962	12.5	0.0433	4.94	0.000962	0.000962	0.00000481	0.00818	0.00237	0.0112	0.0166	0.00000481	15.3	0.0000144	0.000192	0.000125	0.000952
2035 Dec	49.4	0.109	0.00484	0.000967	12.6	0.0435	4.97	0.000967	0.000967	0.00000483	0.00821	0.00226	0.0113	0.0166	0.00000483	15.4	0.0000145	0.000193	0.000126	0.000957
2036 Jan	50	0.109	0.00505	0.000967	12.7	0.0434	5.02	0.000967	0.000967	0.00000484	0.0082	0.00225	0.0112	0.017	0.00000484	15.6	0.0000145	0.000197	0.000133	0.000963
2036 Feb	50.9	0.109	0.00536	0.000968	12.9	0.0432	5.09	0.000968	0.000968	0.00000484	0.00818	0.00226	0.0112	0.0175	0.00000484	16	0.0000146	0.000201	0.000142	0.000972
2036 Mar	51.4	0.109	0.00555	0.000968	13.1	0.043	5.13	0.000968	0.000968	0.00000484	0.00817	0.00226	0.0112	0.0178	0.00000484	16.3	0.0000146	0.000204	0.000148	0.000977
2036 Apr	52.9	0.111	0.00587	0.000983	13.4	0.0435	5.26	0.000983	0.000983	0.00000492	0.00828	0.0139	0.0113	0.0185	0.00000492	16.8	0.0000149	0.000211	0.000158	0.000999
2036 May	57.3	0.118	0.0066	0.00105	14.6	0.0461	5.68	0.00105	0.00105	0.00000524	0.0088	0.0464	0.012	0.0202	0.00000524	18.3	0.0000159	0.00023	0.000179	0.00107
2036 Jun	41.1	0.0362	0.00709	0.000987	8.08	0.0256	2.92	0.000987	0.000987	0.00000493	0.00756	0.0129	0.0102	0.0137	0.00000493	12	0.0000204	0.000208	0.000128	0.00071
2036 Jul	37.8	0.0156	0.00703	0.00103	6.7	0.0241	2.38	0.00103	0.00103	0.00000516	0.00742	0.00658	0.0101	0.0124	0.00000516	10.7	0.0000208	0.000197	0.000109	0.000674
2036 Aug	44	0.0238	0.0076	0.00116	8.63	0.0327	3.09	0.00116	0.00116	0.0000058	0.00784	0.0173	0.0119	0.0147	0.0000058	12.9	0.000019	0.000216	0.000121	0.000799
2036 Sep	47.2	0.0702	0.00596	0.00104	11.3	0.041	4.24	0.00104	0.00104	0.00000519	0.00753	0.0182	0.0121	0.0159	0.00000519	14.6	0.0000134	0.000203	0.000119	0.000873
2036 Oct	48.9	0.1	0.00507	0.000981	12.3	0.0429	4.81	0.000981	0.000981	0.00000491	0.00806	0.00803	0.0114	0.0165	0.00000491	15.2	0.0000143	0.000195	0.000124	0.000938
2036 Nov	48.9	0.102	0.005	0.000975	12.3	0.043	4.83	0.000975	0.000975	0.00000488	0.00808	0.00635	0.0114	0.0164	0.00000488	15.2	0.0000143	0.000194	0.000124	0.00094
2036 Dec	48.9	0.103	0.00497	0.000974	12.3	0.043	4.85	0.000974	0.000974	0.00000487	0.0081	0.00557	0.0113	0.0165	0.00000487	15.2	0.0000143	0.000194	0.000124	0.000942
2037 Jan	42.8	0.0894	0.00447	0.000842	10.8	0.0371	4.24	0.000842	0.000842	0.00000421	0.00699	0.00476	0.00979	0.0145	0.00000421	13.4	0.0000124	0.00017	0.000113	0.00082
2037 Feb	43.2	0.0891	0.00467	0.000839	10.9	0.0368	4.27	0.000839	0.000839	0.00000419	0.00695	0.00472	0.00972	0.0148	0.00000419	13.6	0.0000124	0.000173	0.000119	0.000823
2037 Mar	43.7	0.0895	0.00481	0.000841	11	0.0368	4.31	0.000841	0.000841	0.00000421	0.00696	0.00472	0.00972	0.0151	0.00000421	13.8	0.0000124	0.000175	0.000124	0.000829
2037 Apr	44.3	0.0901	0.00493	0.000847	11.2	0.037	4.36	0.000847	0.000847	0.00000423	0.007	0.00475	0.00978	0.0153	0.00000423	14	0.0000125	0.000178	0.000128	0.000837
2037 May	55.5	0.0832	0.00951	0.000873	13.6	0.032	5.05	0.000873	0.000873	0.00000436	0.0068	0.00391	0.00927	0.022	0.00000436	18.9	0.0000146	0.000246	0.000262	0.000931
2037 Jun	61.2	0.0601	0.0137	0.000816	14.4	0.0215	5.07	0.000816	0.000816	0.00000408	0.00585	0.00225	0.00768	0.0267	0.00000408	22	0.000016	0.000297	0.000381	0.000915

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	62.4	0.0603	0.0139	0.000852	14.6	0.0223	5.14	0.000852	0.000852	0.00000426	0.0061	0.00228	0.00802	0.0271	0.00000426	22.3	0.0000167	0.000303	0.000384	0.000938
2037 Aug	64.6	0.0624	0.0144	0.000888	15.2	0.0235	5.33	0.000888	0.000888	0.00000444	0.00633	0.00235	0.00838	0.028	0.00000444	23.1	0.0000172	0.000313	0.000396	0.000974
2037 Sep	65.5	0.0639	0.0145	0.000905	15.4	0.0242	5.41	0.000905	0.000905	0.00000453	0.00646	0.00237	0.00859	0.0283	0.00000453	23.3	0.0000174	0.000316	0.000398	0.00099
2037 Oct	62.8	0.0643	0.0136	0.000882	14.8	0.0245	5.23	0.000882	0.000882	0.00000441	0.00636	0.00224	0.00848	0.0269	0.00000441	22.3	0.0000168	0.000301	0.000373	0.00096
2037 Nov	62.5	0.0652	0.0134	0.000883	14.7	0.0249	5.22	0.000883	0.000883	0.00000442	0.0064	0.00221	0.00853	0.0267	0.00000442	22.1	0.0000167	0.000299	0.000368	0.000959
2037 Dec	62.5	0.0653	0.0134	0.000884	14.7	0.0249	5.23	0.000884	0.000884	0.00000442	0.00641	0.00221	0.00854	0.0267	0.00000442	22.1	0.0000167	0.000299	0.000367	0.000959
2038 Jan	62.5	0.0654	0.0134	0.000884	14.8	0.025	5.23	0.000884	0.000884	0.00000442	0.00641	0.00221	0.00854	0.0267	0.00000442	22.1	0.0000167	0.000299	0.000367	0.00096
2038 Feb	62.5	0.0654	0.0134	0.000884	14.8	0.025	5.23	0.000884	0.000884	0.00000442	0.00641	0.00221	0.00854	0.0267	0.00000442	22.1	0.0000167	0.000299	0.000368	0.00096
2038 Mar	62.6	0.0655	0.0134	0.000885	14.8	0.025	5.24	0.000885	0.000885	0.00000442	0.00641	0.00221	0.00854	0.0267	0.00000442	22.1	0.0000167	0.000299	0.000368	0.000961
2038 Apr	62.8	0.0657	0.0135	0.000888	14.8	0.025	5.26	0.000888	0.000888	0.00000444	0.00643	0.00222	0.00857	0.0269	0.00000444	22.2	0.0000168	0.0003	0.00037	0.000965
2038 May	65.2	0.0666	0.0142	0.000904	15.4	0.025	5.44	0.000904	0.000904	0.00000452	0.00651	0.00222	0.00865	0.0281	0.00000452	23.2	0.0000173	0.000313	0.000392	0.000993
2038 Jun	68.1	0.0618	0.0158	0.000875	16	0.0216	5.58	0.000875	0.000875	0.00000438	0.00614	0.00192	0.00803	0.0302	0.00000438	24.7	0.0000174	0.000333	0.000442	0.001
2038 Jul	71.7	0.0649	0.0166	0.000924	16.9	0.0228	5.87	0.000924	0.000924	0.00000462	0.00649	0.00202	0.00848	0.0318	0.00000462	26	0.0000184	0.000351	0.000464	0.00105
2038 Aug	74.6	0.0676	0.0173	0.000964	17.6	0.0238	6.11	0.000964	0.000964	0.00000482	0.00676	0.0021	0.00884	0.0331	0.00000482	27	0.0000192	0.000365	0.000483	0.0011
2038 Sep	73.8	0.0676	0.017	0.000957	17.4	0.0239	6.06	0.000957	0.000957	0.00000478	0.00673	0.00208	0.00881	0.0327	0.00000478	26.7	0.000019	0.00036	0.000475	0.00109
2038 Oct	72.2	0.0677	0.0165	0.000944	17	0.0241	5.95	0.000944	0.000944	0.00000472	0.00667	0.00202	0.00876	0.0318	0.00000472	26	0.0000186	0.000351	0.000459	0.00107
2038 Nov	72.2	0.068	0.0165	0.000946	17	0.0242	5.95	0.000946	0.000946	0.00000473	0.00669	0.00202	0.00878	0.0318	0.00000473	26	0.0000186	0.000351	0.000459	0.00107
2038 Dec	72.2	0.0681	0.0165	0.000946	17	0.0242	5.95	0.000946	0.000946	0.00000473	0.00669	0.00202	0.00879	0.0318	0.00000473	26	0.0000186	0.000351	0.000459	0.00107
2039 Jan	72.2	0.0681	0.0165	0.000946	17	0.0243	5.95	0.000946	0.000946	0.00000473	0.00669	0.00202	0.00879	0.0318	0.00000473	26	0.0000186	0.000351	0.000459	0.00107
2039 Feb	72.2	0.0681	0.0165	0.000946	17	0.0242	5.96	0.000946	0.000946	0.00000473	0.00669	0.00202	0.00879	0.0318	0.00000473	26	0.0000186	0.000351	0.000459	0.00107
2039 Mar	72.3	0.0682	0.0165	0.000947	17	0.0243	5.96	0.000947	0.000947	0.00000473	0.0067	0.00202	0.00879	0.0318	0.00000473	26.1	0.0000186	0.000351	0.000459	0.00107
2039 Apr	72.5	0.0684	0.0165	0.000949	17.1	0.0243	5.98	0.000949	0.000949	0.00000475	0.00671	0.00203	0.00881	0.0319	0.00000475	26.1	0.0000187	0.000352	0.000461	0.00108
2039 May	73.4	0.0692	0.0167	0.000961	17.3	0.0246	6.05	0.000961	0.000961	0.00000481	0.0068	0.00205	0.00893	0.0323	0.00000481	26.5	0.0000189	0.000357	0.000466	0.00109
2039 Jun	60.8	0.0519	0.0136	0.000918	13.7	0.0222	4.79	0.000918	0.000918	0.00000459	0.00658	0.00167	0.00869	0.0257	0.00000459	21.2	0.0000187	0.000302	0.000357	0.000917
2039 Jul	52.9	0.0415	0.0116	0.000884	11.7	0.0219	4.11	0.000884	0.000884	0.00000442	0.00622	0.00145	0.00831	0.0219	0.00000442	18.1	0.0000173	0.000261	0.000292	0.000829
2039 Aug	51.5	0.0387	0.011	0.000902	11.4	0.0237	4.03	0.000902	0.000902	0.00000451	0.00613	0.00143	0.00832	0.0213	0.00000451	17.5	0.0000162	0.000248	0.000276	0.000838
2039 Sep	52	0.0394	0.0111	0.000912	11.5	0.024	4.08	0.000912	0.000912	0.00000456	0.00621	0.00144	0.00843	0.0215	0.00000456	17.7	0.0000164	0.00025	0.000279	0.000848
2039 Oct	51.7	0.0397	0.011	0.000907	11.5	0.024	4.07	0.000907	0.000907	0.00000454	0.00619	0.00143	0.0084	0.0214	0.00000454	17.6	0.0000163	0.000248	0.000276	0.000843
2039 Nov	51.8	0.0399	0.011	0.000909	11.5	0.0241	4.08	0.000909	0.000909	0.00000455	0.0062	0.00143	0.00842	0.0214	0.00000455	17.6	0.0000163	0.000249	0.000276	0.000845
2039 Dec	51.8	0.04	0.011	0.000909	11.5	0.0242	4.08	0.000909	0.000909	0.00000455	0.00621	0.00143	0.00843	0.0214	0.00000455	17.6	0.0000163	0.000249	0.000276	0.000846
2040 Jan	51.8	0.04	0.011	0.00091	11.5	0.0242	4.08	0.00091	0.00091	0.00000455	0.00621	0.00143	0.00843	0.0214	0.00000455	17.6	0.0000163	0.000249	0.000276	0.000846
2040 Feb	51.9	0.0401	0.011	0.00091	11.5	0.0242	4.08	0.00091	0.00091	0.00000455	0.00621	0.00144	0.00843	0.0214	0.00000455	17.7	0.0000163	0.000249	0.000276	0.000846
2040 Mar	51.9	0.0401	0.011	0.00091	11.5	0.0242	4.08	0.00091	0.00091	0.00000455	0.00621	0.00144	0.00843	0.0214	0.00000455	17.7	0.0000163	0.000249	0.000276	0.000847
2040 Apr	52	0.0402	0.0111	0.000912	11.5	0.0242	4.09	0.000912	0.000912	0.00000456	0.00622	0.00144	0.00845	0.0215	0.00000456	17.7	0.0000164	0.00025	0.000277	0.000849
2040 May	53	0.0409	0.0113	0.000922	11.8	0.0244	4.17	0.000922	0.000922	0.00000461	0.00629	0.00146	0.00853	0.0219	0.00000461	18.1	0.0000166	0.000255	0.000284	0.000861
2040 Jun	54.1	0.0406	0.012	0.000889	12.1	0.0222	4.23	0.000889	0.000889	0.00000444	0.00609	0.00139	0.00817	0.0228	0.00000444	18.7	0.0000167	0.000264	0.000307	0.000852
2040 Jul	54.7	0.0408	0.0121	0.000905	12.2	0.0226	4.27	0.000905	0.000905	0.00000453	0.00621	0.00141	0.00833	0.023	0.00000453	18.9	0.0000171	0.000268	0.000309	0.000862
2040 Aug	55.8	0.0415	0.0123	0.000924	12.4	0.0231	4.35	0.000924	0.000924	0.00000462	0.00633	0.00143	0.0085	0.0234	0.00000462	19.2	0.0000174	0.000273	0.000315	0.000879
2040 Sep	55.7	0.0419	0.0123	0.000925	12.4	0.0233	4.35	0.000925	0.000925	0.00000462	0.00634	0.00143	0.00854	0.0234	0.00000462	19.2	0.0000173	0.000272	0.000313	0.00088
2040 Oct	55.8	0.0422	0.0123	0.000927	12.4	0.0234	4.37	0.000927	0.000927	0.00000464	0.00636	0.00143	0.00857	0.0234	0.00000464	19.2	0.0000174	0.000273	0.000313	0.000882
2040 Nov	56	0.0424	0.0123	0.00093	12.5	0.0235	4.38	0.00093	0.00093	0.00000465	0.00638	0.00144	0.0086	0.0235	0.00000465	19.3	0.0000174	0.000273	0.000314	0.000884
2040 Dec	56	0.0425	0.0123	0.00093	12.5	0.0235	4.38	0.00093	0.00093	0.00000465	0.00638	0.00144	0.0086	0.0235	0.00000465	19.3	0.0000174	0.000273	0.000314	0.000885
2041 Jan	56	0.0425	0.0123	0.00093	12.5	0.0235	4.38	0.00093	0.00093	0.00000465	0.00638	0.00144	0.0086	0.0235	0.00000465	19.3	0.0000174	0.000273	0.000314	0.000885
2041 Feb	56	0.0425	0.0123	0.00093	12.5	0.0235	4.38	0.00093	0.00093	0.00000465	0.00638	0.00144	0.0086	0.0235	0.00000465	19.3	0.0000174	0.000273	0.000314	0.000885
2041 Mar	56	0.0425	0.0123	0.00093	12.5	0.0235	4.39	0.00093	0.00093	0.00000465	0.00638	0.00144	0.0086	0.0235	0.00000465	19.3	0.0000174	0.000273	0.000314	0.000886
2041 Apr	56.1	0.0426	0.0124	0.000932	12.5	0.0236	4.39	0.000932	0.000932	0.00000466	0.00639	0.00144	0.00862	0.0236	0.00000466	19.3	0.0000175	0.000274	0.000315	0.000887
2041 May	56.6	0.043	0.0125	0.000939	12.6	0.0237	4.43	0.000939	0.000939	0.0000047	0.00644	0.00145	0.00868	0.0237	0.0000047	19.5	0.0000176	0.000276	0.000317	0.000894
2041 Jun	50.8	0.0356	0.011	0.000912	10.9	0.0221	3.83	0.000912	0.000912	0.00000456	0.00636	0.00129	0.00857	0.0206	0.00000456	17.1	0.0000177	0.000252	0.000267	0.000808
2041 Jul	45.9	0.0303	0.00988	0.00087	9.67	0.0206	3.38	0.00087	0.00087	0.00000435	0.00612	0.00117	0.00824	0.0183	0.00000435	15.2	0.0000173	0.000231	0.000231	0.000735
2041 Aug	47.4	0.0313	0.0102	0.000899	9.99	0.0213	3.5	0.000899	0.000899	0.00000449	0.00632	0.0012	0.00851	0.0189	0.00000449	15.6	0.0000178	0.000238	0.000238	0.00076
2041 Sep	47.6	0.0316	0.0102	0.000903	10	0.0215	3.52	0.000903	0.000903	0.00000451	0.00635	0.00121	0.00857	0.0189	0.00000451	15.7	0.0000178	0.000239	0.000239	0.000764
2041 Oct	47.4	0.032	0.0101	0.000898	10	0.0216	3.51	0.000898	0.000898	0.00000449	0.00633	0.0012	0.00854	0.0188	0.00000449	15.6	0.0000177	0.000237	0.000237	0.000761
2041 Nov	47.5	0.0323	0.0101	0.000901	10	0.0217	3.52	0.000901	0.000901	0.0000045	0.00635	0.0012	0.00857	0.0189	0.0000045	15.7	0.0000178	0.000238	0.000237	0.000763
2041 Dec	47.5	0.0323	0.0101	0.000901	10	0.0217	3.52	0.000901	0.000901	0.00000451	0.00635	0.0012	0.00857	0.0189	0.00000451	15.7	0.0000178	0.000238	0.000237	0.000764
2042 Jan	47.5	0.0324	0.0101	0.000901	10	0.0217	3.52	0.000901	0.000901	0.00000451	0.00635	0.0012	0.00857	0.0189	0.00000451	15.7	0.0000178	0.000238	0.000237	0.000764
2042 Feb	47.6	0.0324	0.0101	0.000901	10.1	0.0217	3.53	0.000901	0.000901	0.00000451	0.00635	0.0012	0.00857	0.0189	0.00000451	15.7	0.0000178	0.000238	0.000237	0.000764
2042 Mar	47.6	0.0324	0.0102	0.000902	10.1	0.0217	3.53	0.000902	0.000902	0.00000451	0.00635	0.0012	0.00858	0.0189	0.00000451	15.7	0.0000178	0.000238	0.000238	0.000765
2042 Apr	47.8	0.0326	0.0102	0.000906	10.1	0.0218	3.54	0.000906	0.000906	0.00000453	0.00638	0.00121	0.00861	0.019	0.00000453	15.8	0.0000178	0.000239	0.000239	0.000768
2042 May	48.5	0.033	0.0104	0.000919	10.3	0.0221	3.6	0.000919	0.000919	0.00000459	0.00647	0.00123	0.00874	0.0193	0.00000459	16	0.0000181	0.000243	0.000242	0.000779
2042 Jun	45.2	0.0289	0.00957	0.000899	9.33	0.0211	3.26	0.000899	0.000899	0.0000045	0.00639	0.00114	0.00862	0.0176	0.0000045	14.6	0.0000181	0.000229	0.000215	0.00073
2042 Jul	43	0.0262	0.00902	0.000884	8.76	0.0207	3.07	0.000884	0.000884	0.00000442	0.00627	0.00108	0.00847	0.0165	0.00000442	13.8	0.0000177	0.000218	0.000198	0.000701
2042 Aug	41.9	0.026	0.0086	0.000871	8.63	0.0216	3.03	0.000871	0.000871	0.00000436	0.00607	0.00106	0.00845	0.016	0.00000436	13.4	0.0000165	0.00021	0.000188	0.000691
2042 Sep	41.5	0.0267	0.00841	0.000864	8.61	0.022	3.03	0.000864	0.000864	0.00000432	0.00599	0.00105	0.00848	0.0158	0.00000432	13.3	0.000016	0.000207	0.000183	0.000686
2042 Oct	41.1	0.0276	0.00825	0.000855	8.57	0.0221	3.02	0.000855	0.000855	0.00000428	0.00596	0.00103	0.00842	0.0156	0.00000428	13.2	0.0000158	0.000204	0.00018	0.000682
2042 Nov	41.2	0.028	0.00826	0.000858	8.61	0.0222	3.04	0.000858	0.000858	0.00000429	0.00598	0.00104	0.00846	0.0156	0.00000429	13.2	0.0000158	0.000205	0.00018	0.000685
2042 Dec	41.2	0.0281	0.00826	0.000858	8.61	0.0222	3.04	0.000858	0.000858	0.00000429	0.00598	0.00104	0.00846	0.0156	0.00000429	13.2	0.0000158	0.000205	0.00018	0.000685
2043 Jan	41.3	0.0281	0.00826	0.000858	8.62	0.0222	3.04	0.000858	0.000858	0.00000429	0.00598	0.00104	0.00846	0.0157	0.00000429	13.2	0.0000158	0.000205	0.00018	0.000685
2043 Feb	41.3	0.0281	0.00827	0.000858	8.62	0.0222	3.04	0.000858	0.000858	0.00000429	0.00598	0.00104	0.00846	0.0157	0.00000429	13.2	0.0000158	0.000205	0.00018	0.000686
2043 Mar	41.3	0.0281	0.00827	0.000858	8.63	0.0222	3.05	0.000858	0.000858	0.00000429	0.00599	0.00104	0.00846	0.0157	0.00000429	13.2	0.0000158	0.000205	0.00018	0.000686
2043 Apr	41.5	0.0282	0.00831	0.000862	8.66	0.0223	3.06	0.000862	0.000862	0.00000431	0.00601	0.00104	0.0085	0.0157	0.00000431	13.3	0.0000159	0.000206	0.000181	0.000689
2043 May	42.5	0.029	0.00854	0.000875	8.89	0.0226	3.14	0.000875	0.000875	0.00000438	0.0061	0.00106	0.00862	0.0162	0.00000438	13.6	0.0000162	0.000211	0.000187	0.000703
2043 Jun	73.3	0.0332	0.0215	0.00121	12	0.0222	7.47	0.000871	0.000871	0.00000436	0.0059	0.00108	0.00939	0.0178	0.00000437	15.2	0.0000164	0.000225	0.000225	0.000761
2043 Jul	81.8	0.0342	0.0248	0.00133	12.8	0.0233	8.63	0.000904	0.000904	0.00000453	0.00607	0.0011	0.00995	0.0181	0.00000454	15.6	0.0000169	0.00023	0.000229	0.000792
2043 Aug	83.9	0.0352	0.0253	0.00137	13.2	0.0242	8.84	0.000932	0.000932	0.00000467	0.00625	0.00114	0.0103	0.0187	0.00000468	16.1	0.0000173	0.000236	0.000235	0.000817
2043 Sep	83.6	0.0354	0.0252	0.00136	13.1	0.0244	8.81	0.000933	0.000933	0.00000467	0.00625	0.00114	0.0103	0.0186	0.00000468	16.1	0.0000172	0.000236	0.000234	0.000817
2043 Oct	82	0.0373	0.0244	0.00134	13	0.0247	8.64	0.000927	0.000927	0.00000464	0.00626	0.00113	0.0102	0.0185	0.00000466	15.9	0.000017	0.000233	0.000229	0.000815
2043 Nov	80.6	0.0392	0.0237	0.00133	13	0.0252	8.48	0.000924	0.000924	0.00000463	0.00629	0.00112	0.0102	0.0183	0.00000464	15.8	0.0000169	0.000231	0.000225	0.000815

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	80.6	0.0394	0.0237	0.00133	13	0.0252	8.48	0.000924	0.000924	0.00000463	0.00629	0.00112	0.0102	0.0183	0.00000464	15.8	0.0000169	0.000231	0.000225	0.000816
2044 Jan	80.6	0.0394	0.0237	0.00133	13	0.0252	8.48	0.000924	0.000924	0.00000463	0.00629	0.00112	0.0102	0.0183	0.00000464	15.9	0.0000169	0.000231	0.000225	0.000816
2044 Feb	80.6	0.0395	0.0237	0.00133	13	0.0252	8.48	0.000925	0.000925	0.00000463	0.00629	0.00112	0.0102	0.0183	0.00000464	15.9	0.0000169	0.000231	0.000225	0.000817
2044 Mar	80.7	0.0395	0.0237	0.00133	13	0.0253	8.49	0.000925	0.000925	0.00000463	0.0063	0.00112	0.0102	0.0184	0.00000464	15.9	0.0000169	0.000231	0.000226	0.000818
2044 Apr	80.9	0.0396	0.0238	0.00133	13	0.0253	8.51	0.000927	0.000927	0.00000464	0.00631	0.00112	0.0102	0.0184	0.00000465	15.9	0.0000169	0.000232	0.000226	0.000819
2044 May	81.9	0.0401	0.0241	0.00135	13.2	0.0256	8.61	0.000938	0.000938	0.0000047	0.00639	0.00114	0.0104	0.0186	0.00000471	16.1	0.0000171	0.000235	0.000229	0.000829
2044 Jun	129	0.0373	0.0451	0.00195	16.1	0.0253	15.7	0.000917	0.000917	0.0000046	0.00597	0.00101	0.012	0.0159	0.00000463	14.6	0.0000169	0.000211	0.000197	0.000817
2044 Jul	156	0.0389	0.0566	0.00231	18.4	0.0266	19.7	0.000949	0.000949	0.00000477	0.00603	0.00101	0.0132	0.0158	0.00000481	14.9	0.0000174	0.000211	0.000196	0.000858
2044 Aug	163	0.0407	0.0591	0.00242	19.2	0.0279	20.5	0.000993	0.000993	0.00000499	0.00631	0.00106	0.0138	0.0165	0.00000503	15.6	0.0000181	0.000221	0.000205	0.000898
2044 Sep	155	0.0407	0.0559	0.00231	18.5	0.0279	19.5	0.000971	0.000971	0.00000488	0.00618	0.00103	0.0135	0.0161	0.00000492	15.2	0.0000174	0.000215	0.000197	0.000875
2044 Oct	153	0.0412	0.0547	0.00227	18.2	0.0278	19.1	0.000962	0.000962	0.00000483	0.00614	0.00102	0.0133	0.016	0.00000487	15.1	0.0000172	0.000213	0.000194	0.000868
2044 Nov	152	0.0415	0.0544	0.00227	18.2	0.0279	19	0.000962	0.000962	0.00000483	0.00616	0.00102	0.0133	0.016	0.00000487	15.1	0.0000171	0.000213	0.000194	0.000869
2044 Dec	152	0.0416	0.0544	0.00226	18.2	0.0279	19	0.000962	0.000962	0.00000483	0.00616	0.00102	0.0133	0.016	0.00000487	15.1	0.0000171	0.000213	0.000194	0.000869
2045 Jan	152	0.0417	0.0544	0.00226	18.2	0.0279	19	0.000962	0.000962	0.00000483	0.00616	0.00102	0.0133	0.016	0.00000487	15.1	0.0000171	0.000213	0.000194	0.000869
2045 Feb	152	0.0417	0.0544	0.00226	18.2	0.0279	19	0.000962	0.000962	0.00000483	0.00616	0.00102	0.0133	0.016	0.00000487	15.1	0.0000171	0.000213	0.000194	0.000869
2045 Mar	152	0.0417	0.0544	0.00226	18.2	0.0279	19	0.000963	0.000963	0.00000484	0.00616	0.00103	0.0133	0.016	0.00000487	15.1	0.0000172	0.000213	0.000194	0.00087
2045 Apr	152	0.0418	0.0545	0.00227	18.3	0.028	19.1	0.000965	0.000964	0.00000484	0.00617	0.00103	0.0133	0.016	0.00000488	15.1	0.0000172	0.000213	0.000195	0.000872
2045 May	154	0.0423	0.0551	0.00229	18.5	0.0283	19.3	0.000976	0.000975	0.0000049	0.00624	0.00104	0.0135	0.0162	0.00000494	15.3	0.0000174	0.000216	0.000197	0.000882
2045 Jun	149	0.0382	0.0536	0.00224	17.7	0.0269	18.6	0.000959	0.000959	0.00000482	0.00617	0.00099	0.0132	0.0152	0.00000485	14.4	0.0000176	0.000208	0.000182	0.000842
2045 Jul	156	0.0379	0.0563	0.00234	18.3	0.0272	19.4	0.000978	0.000978	0.00000492	0.00627	0.000995	0.0136	0.0151	0.00000495	14.4	0.000018	0.000209	0.000182	0.000854
2045 Aug	160	0.0389	0.0578	0.0024	18.7	0.028	19.9	0.00101	0.001	0.00000505	0.00644	0.00102	0.0139	0.0155	0.00000509	14.8	0.0000185	0.000215	0.000186	0.000877
2045 Sep	159	0.0391	0.0573	0.00238	18.6	0.028	19.7	0.001	0.001	0.00000503	0.00642	0.00102	0.0139	0.0155	0.00000507	14.8	0.0000184	0.000214	0.000185	0.000874
2045 Oct	159	0.0395	0.0573	0.00239	18.7	0.0281	19.8	0.00101	0.001	0.00000505	0.00645	0.00102	0.0139	0.0155	0.00000509	14.8	0.0000185	0.000215	0.000186	0.000878
2045 Nov	159	0.0397	0.0574	0.00239	18.7	0.0282	19.8	0.00101	0.00101	0.00000506	0.00647	0.00103	0.014	0.0156	0.0000051	14.9	0.0000185	0.000215	0.000186	0.00088
2045 Dec	159	0.0397	0.0574	0.00239	18.7	0.0282	19.8	0.00101	0.00101	0.00000506	0.00647	0.00103	0.014	0.0156	0.0000051	14.9	0.0000185	0.000215	0.000186	0.00088
2046 Jan	159	0.0398	0.0574	0.00239	18.7	0.0282	19.8	0.00101	0.00101	0.00000506	0.00647	0.00103	0.014	0.0156	0.0000051	14.9	0.0000185	0.000215	0.000186	0.00088
2046 Feb	159	0.0398	0.0574	0.00239	18.7	0.0282	19.8	0.00101	0.00101	0.00000507	0.00647	0.00103	0.014	0.0156	0.0000051	14.9	0.0000185	0.000215	0.000187	0.000881
2046 Mar	159	0.0398	0.0574	0.00239	18.7	0.0283	19.8	0.00101	0.00101	0.00000507	0.00648	0.00103	0.014	0.0156	0.00000511	14.9	0.0000185	0.000215	0.000187	0.000881
2046 Apr	160	0.04	0.0576	0.0024	18.8	0.0284	19.9	0.00101	0.00101	0.00000509	0.0065	0.00103	0.014	0.0157	0.00000513	15	0.0000186	0.000216	0.000188	0.000885
2046 May	162	0.0405	0.0583	0.00243	19	0.0287	20.1	0.00103	0.00102	0.00000515	0.00658	0.00104	0.0142	0.0159	0.00000519	15.1	0.0000188	0.000219	0.00019	0.000896
2046 Jun	144	0.0357	0.0516	0.00221	17.4	0.0266	17.5	0.000988	0.000986	0.00000496	0.0064	0.000985	0.0133	0.0147	0.00000499	14	0.0000185	0.000208	0.000173	0.000832
2046 Jul	142	0.0349	0.0509	0.00218	17.4	0.0261	16.8	0.000974	0.000971	0.0000049	0.00626	0.000964	0.013	0.0144	0.00000492	13.6	0.0000182	0.000203	0.00017	0.000816
2046 Aug	145	0.0359	0.0522	0.00223	17.9	0.0268	17.3	0.001	0.000997	0.00000503	0.00642	0.000991	0.0134	0.0148	0.00000505	14	0.0000186	0.000208	0.000174	0.000838
2046 Sep	140	0.0361	0.0501	0.00216	17.4	0.0266	16.6	0.000979	0.000977	0.00000493	0.00631	0.000972	0.0131	0.0145	0.00000494	13.7	0.0000181	0.000204	0.000169	0.000821
2046 Oct	136	0.0372	0.0484	0.0021	17	0.0266	16.1	0.000965	0.000962	0.00000485	0.00626	0.00096	0.0128	0.0143	0.00000487	13.5	0.0000177	0.0002	0.000166	0.000812
2046 Nov	136	0.0377	0.0481	0.00209	17	0.0267	16.1	0.000964	0.000962	0.00000485	0.00627	0.00096	0.0128	0.0143	0.00000486	13.6	0.0000177	0.0002	0.000165	0.000813
2046 Dec	136	0.0377	0.048	0.00209	17	0.0267	16.1	0.000964	0.000962	0.00000485	0.00627	0.000961	0.0128	0.0143	0.00000487	13.6	0.0000177	0.0002	0.000165	0.000813
2047 Jan	136	0.0378	0.048	0.00209	17	0.0267	16	0.000964	0.000962	0.00000485	0.00627	0.000961	0.0128	0.0143	0.00000487	13.6	0.0000177	0.0002	0.000166	0.000814
2047 Feb	136	0.0378	0.048	0.00209	17	0.0267	16	0.000964	0.000962	0.00000485	0.00627	0.000962	0.0128	0.0144	0.00000487	13.6	0.0000177	0.000201	0.000166	0.000814
2047 Mar	136	0.0379	0.0481	0.0021	17	0.0267	16.1	0.000966	0.000964	0.00000486	0.00628	0.000963	0.0128	0.0144	0.00000487	13.6	0.0000177	0.000201	0.000166	0.000815
2047 Apr	136	0.038	0.0482	0.0021	17.1	0.0268	16.1	0.000968	0.000965	0.00000487	0.00629	0.000965	0.0129	0.0144	0.00000488	13.6	0.0000177	0.000201	0.000167	0.000817
2047 May	137	0.0391	0.0482	0.0021	17.4	0.0268	16	0.000976	0.000973	0.00000491	0.00633	0.000994	0.0129	0.0152	0.00000492	14.3	0.0000179	0.000209	0.00018	0.000835
2047 Jun	134	0.0439	0.0467	0.00198	19.1	0.0257	14.8	0.000975	0.00097	0.00000491	0.00619	0.0011	0.0122	0.0188	0.0000049	16.9	0.0000179	0.000238	0.000247	0.000893
2047 Jul	139	0.0455	0.0484	0.00206	19.8	0.0267	15.3	0.00101	0.00101	0.0000051	0.00643	0.00114	0.0127	0.0195	0.0000051	17.5	0.0000186	0.000247	0.000256	0.000926
2047 Aug	143	0.047	0.0499	0.00213	20.4	0.0277	15.8	0.00105	0.00104	0.00000528	0.00665	0.00118	0.0132	0.0202	0.00000527	18.1	0.0000192	0.000256	0.000264	0.000958
2047 Sep	141	0.0468	0.0489	0.00209	20.1	0.0275	15.5	0.00103	0.00103	0.00000521	0.00657	0.00116	0.013	0.0199	0.00000521	17.8	0.0000189	0.000252	0.00026	0.000946
2047 Oct	137	0.0472	0.0473	0.00203	19.7	0.0274	15.1	0.00102	0.00101	0.00000512	0.0065	0.00114	0.0127	0.0195	0.00000511	17.5	0.0000185	0.000247	0.000253	0.000931
2047 Nov	135	0.0479	0.0466	0.00202	19.5	0.0275	14.9	0.00101	0.00101	0.00000511	0.00651	0.00114	0.0127	0.0194	0.0000051	17.4	0.0000184	0.000246	0.000251	0.000929
2047 Dec	135	0.048	0.0466	0.00201	19.5	0.0276	14.9	0.00101	0.00101	0.00000511	0.00651	0.00114	0.0127	0.0194	0.0000051	17.4	0.0000184	0.000246	0.000251	0.00093
2048 Jan	135	0.0481	0.0466	0.00201	19.5	0.0276	14.9	0.00101	0.00101	0.00000511	0.00651	0.00114	0.0127	0.0194	0.0000051	17.4	0.0000184	0.000246	0.000251	0.00093
2048 Feb	135	0.0481	0.0466	0.00201	19.5	0.0276	14.9	0.00101	0.00101	0.00000511	0.00652	0.00114	0.0127	0.0194	0.0000051	17.5	0.0000184	0.000246	0.000251	0.00093
2048 Mar	135	0.0481	0.0466	0.00201	19.5	0.0276	14.9	0.00101	0.00101	0.00000511	0.00652	0.00114	0.0127	0.0195	0.0000051	17.5	0.0000184	0.000246	0.000251	0.000931
2048 Apr	136	0.0483	0.0467	0.00202	19.6	0.0276	14.9	0.00102	0.00101	0.00000513	0.00654	0.00115	0.0127	0.0195	0.00000512	17.5	0.0000185	0.000247	0.000252	0.000934
2048 May	137	0.0489	0.0473	0.00205	19.8	0.028	15.1	0.00103	0.00103	0.00000519	0.00662	0.00116	0.0129	0.0198	0.00000518	17.7	0.0000187	0.00025	0.000256	0.000946
2048 Jun	123	0.0418	0.0424	0.0019	18.2	0.0262	12.9	0.000998	0.000992	0.00000503	0.00641	0.00105	0.0123	0.0172	0.00000501	15.5	0.0000183	0.000227	0.000215	0.00086
2048 Jul	119	0.0387	0.0415	0.00188	18	0.0257	11.9	0.000996	0.000988	0.00000503	0.00632	0.001	0.0122	0.0158	0.00000499	14.4	0.0000181	0.000214	0.000192	0.000826
2048 Aug	119	0.0392	0.0412	0.00188	18.1	0.0263	11.9	0.00101	0.000997	0.00000508	0.00637	0.00101	0.0123	0.0159	0.00000504	14.5	0.000018	0.000216	0.000192	0.000833
2048 Sep	117	0.0393	0.0403	0.00185	17.8	0.0264	11.7	0.000997	0.000989	0.00000504	0.00632	0.001	0.0122	0.0158	0.00000499	14.4	0.0000177	0.000213	0.000189	0.000826
2048 Oct	115	0.0396	0.0395	0.00182	17.6	0.0262	11.5	0.000985	0.000978	0.00000498	0.00627	0.000994	0.0121	0.0156	0.00000494	14.2	0.0000175	0.000211	0.000187	0.000818
2048 Nov	114	0.04	0.0393	0.00181	17.5	0.0264	11.4	0.000985	0.000978	0.00000498	0.00628	0.000994	0.012	0.0156	0.00000494	14.2	0.0000175	0.000211	0.000186	0.000819
2048 Dec	114	0.0401	0.0393	0.00181	17.5	0.0264	11.4	0.000986	0.000978	0.00000498	0.00628	0.000995	0.0121	0.0157	0.00000494	14.2	0.0000175	0.000211	0.000186	0.000819
2049 Jan	114	0.0401	0.0393	0.00181	17.5	0.0264	11.4	0.000986	0.000978	0.00000498	0.00629	0.000995	0.0121	0.0157	0.00000494	14.3	0.0000175	0.000211	0.000186	0.00082
2049 Feb	114	0.0401	0.0393	0.00181	17.5	0.0264	11.4	0.000986	0.000978	0.00000498	0.00629	0.000996	0.012	0.0157	0.00000494	14.3	0.0000175	0.000211	0.000187	0.00082
2049 Mar	114	0.0402	0.0393	0.00181	17.6	0.0264	11.4	0.000986	0.000979	0.00000498	0.00629	0.000996	0.0121	0.0157	0.00000494	14.3	0.0000175	0.000211	0.000187	0.00082
2049 Apr	115	0.0403	0.0394	0.00182	17.6	0.0265	11.5	0.000989	0.000982	0.000005	0.00631	0.001	0.0121	0.0158	0.00000496	14.3	0.0000175	0.000212	0.000188	0.000823
2049 May	116	0.0408	0.0399	0.00184	17.8	0.0268	11.6	0.001	0.000994	0.00000506	0.00639	0.00101	0.0122	0.016	0.00000502	14.5	0.0000177	0.000215	0.00019	0.000834
2049 Jun	107	0.0362	0.0372	0.00175	17	0.0251	10.1	0.000974	0.000965	0.00000493	0.00619	0.000941	0.0117	0.0145	0.00000487	13.2	0.0000175	0.000201	0.000169	0.000778
2049 Jul	109	0.0361	0.0386	0.00178	17.6	0.0251	10	0.000977	0.000966	0.00000495	0.00611	0.000924	0.0118	0.0142	0.00000488	12.9	0.0000173	0.000197	0.000165	0.000776
2049 Aug	114	0.0376	0.0402	0.00185	18.4	0.0262	10.4	0.00102	0.00101	0.00000516	0.00637	0.000964	0.0123	0.0148	0.00000509	13.5	0.000018	0.000205	0.000172	0.00081
2049 Sep	112	0.0382	0.0392	0.00182	18.1	0.0262	10.2	0.00101	0.000996	0.0000051	0.00633	0.000955	0.0121	0.0146	0.00000503	13.4	0.0000178	0.000203	0.00017	0.000803
2049 Oct	109	0.039	0.038	0.00178	17.7	0.0261	10	0.000993	0.000982	0.00000503	0.00628	0.000945	0.0119	0.0145	0.00000496	13.2	0.0000175	0.0002	0.000167	0.000795
2049 Nov	108	0.0398	0.0377	0.00177	17.7	0.0263	9.95	0.000993	0.000982	0.00000502	0.0063	0.000946	0.0119	0.0145	0.00000496	13.3	0.0000174	0.0002	0.000166	0.000796
2049 Dec	108	0.0399	0.0376	0.00177	17.7	0.0264	9.94	0.000993	0.000982	0.00000503	0.0063	0.000946	0.0119	0.0145	0.00000496	13.3	0.0000174	0.0002	0.000166	0.000797
2050 Jan	108	0.04	0.0376	0.00177	17.7	0.0264	9.94	0.000993	0.000982	0.00000503	0.0063	0.000947	0.0119	0.0145	0.00000496	13.3	0.0000174	0.0002	0.000166	0.000797
2050 Feb	108	0.04	0.0376	0.00177	17.7	0.0264	9.94	0.000993	0.000982	0.00000503	0.0063	0.000948	0.0119	0.0145	0.00000496	13.3	0.0000174	0.0002	0.000167	0.000798
2050 Mar	108	0.04	0.0376	0.00177	17.7	0.0264	9.94	0.000993	0.000982	0.00000503	0.0063	0.000948	0.0119	0.0146	0.00000496	13.3	0.0000174	0.0002	0.000167	0.000798
2050 Apr	109	0.0401	0.0377	0.00177	17.7	0.0264	9.97	0.000996	0.000985	0.00000504	0.00632	0.000951	0.012	0.0146	0.00000497	13.3	0.0000175	0.000201	0.000167	0.0008

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	110	0.0405	0.0381	0.00179	17.9	0.0267	10.1	0.00101	0.000995	0.00000509	0.00638	0.000961	0.0121	0.0148	0.00000503	13.5	0.0000177	0.000203	0.000169	0.000808
2050 Jun	104	0.0369	0.0361	0.00172	17.1	0.0253	9.24	0.00098	0.000969	0.00000496	0.00623	0.000919	0.0117	0.014	0.00000489	12.8	0.0000175	0.000196	0.00016	0.000771
2050 Jul	104	0.0357	0.0369	0.00172	17.3	0.0249	9.11	0.000966	0.000953	0.00000489	0.00603	0.000889	0.0115	0.0134	0.00000482	12.3	0.000017	0.000189	0.000153	0.000755
2050 Aug	106	0.0363	0.0375	0.00176	17.6	0.0255	9.28	0.000988	0.000975	0.000005	0.00616	0.000911	0.0118	0.0138	0.00000493	12.6	0.0000173	0.000193	0.000156	0.000773
2050 Sep	105	0.0367	0.0372	0.00175	17.5	0.0256	9.22	0.000986	0.000973	0.00000499	0.00616	0.000911	0.0117	0.0137	0.00000492	12.6	0.0000172	0.000193	0.000156	0.000772
2050 Oct	106	0.0372	0.0373	0.00175	17.6	0.0259	9.25	0.000991	0.000978	0.00000502	0.0062	0.000916	0.0118	0.0138	0.00000494	12.7	0.0000173	0.000194	0.000156	0.000777
2050 Nov	106	0.0374	0.0373	0.00176	17.7	0.0259	9.28	0.000994	0.000981	0.00000503	0.00622	0.000919	0.0118	0.0139	0.00000496	12.7	0.0000173	0.000194	0.000157	0.000779
2050 Dec	106	0.0374	0.0373	0.00176	17.7	0.026	9.28	0.000995	0.000982	0.00000503	0.00622	0.000919	0.0118	0.0139	0.00000496	12.7	0.0000173	0.000194	0.000157	0.00078
2051 Jan	106	0.0375	0.0373	0.00176	17.7	0.026	9.28	0.000995	0.000982	0.00000503	0.00622	0.00092	0.0118	0.0139	0.00000496	12.7	0.0000173	0.000194	0.000157	0.00078
2051 Feb	106	0.0375	0.0373	0.00176	17.7	0.026	9.28	0.000995	0.000982	0.00000504	0.00622	0.00092	0.0118	0.0139	0.00000496	12.7	0.0000173	0.000195	0.000157	0.00078
2051 Mar	106	0.0375	0.0373	0.00176	17.7	0.026	9.28	0.000995	0.000982	0.00000504	0.00623	0.000921	0.0118	0.0139	0.00000496	12.7	0.0000173	0.000195	0.000157	0.000781
2051 Apr	106	0.0376	0.0375	0.00176	17.7	0.0261	9.31	0.000998	0.000985	0.00000505	0.00625	0.000924	0.0119	0.014	0.00000498	12.8	0.0000174	0.000195	0.000158	0.000783
2051 May	107	0.0383	0.0378	0.00178	18	0.0263	9.4	0.00101	0.000996	0.00000511	0.00632	0.000941	0.012	0.0143	0.00000503	13.1	0.0000176	0.000199	0.000164	0.000796
2051 Jun	104	0.0373	0.0374	0.0017	18	0.0243	8.79	0.000964	0.000949	0.00000488	0.00594	0.00092	0.0113	0.0147	0.0000048	13.3	0.0000169	0.000201	0.000178	0.000774
2051 Jul	111	0.0381	0.0408	0.00181	19.2	0.0249	9.28	0.000981	0.000963	0.00000497	0.00592	0.000906	0.0117	0.0143	0.00000488	13	0.0000168	0.000197	0.000171	0.000782
2051 Aug	109	0.0383	0.0402	0.00179	19	0.0254	9.18	0.000985	0.000967	0.00000499	0.00593	0.000913	0.0118	0.0143	0.0000049	13	0.0000166	0.000197	0.00017	0.000784
2051 Sep	107	0.0399	0.0389	0.00175	18.7	0.0257	8.98	0.000971	0.000954	0.00000492	0.0059	0.000904	0.0116	0.0142	0.00000483	12.9	0.0000162	0.000194	0.000165	0.000779
2051 Oct	104	0.0448	0.0379	0.00171	18.6	0.0265	8.85	0.000947	0.000929	0.00000479	0.00582	0.000881	0.0115	0.0138	0.0000047	12.7	0.0000155	0.000186	0.000156	0.000775
2051 Nov	105	0.0454	0.038	0.00172	18.6	0.0266	8.87	0.000948	0.00093	0.0000048	0.00584	0.000882	0.0115	0.0138	0.00000471	12.7	0.0000154	0.000186	0.000156	0.000778
2051 Dec	105	0.0455	0.038	0.00172	18.6	0.0267	8.87	0.000948	0.000931	0.0000048	0.00584	0.000883	0.0115	0.0138	0.00000471	12.7	0.0000154	0.000186	0.000156	0.000778
2052 Jan	105	0.0455	0.038	0.00172	18.6	0.0267	8.87	0.000948	0.000931	0.0000048	0.00584	0.000883	0.0115	0.0138	0.00000471	12.7	0.0000154	0.000186	0.000156	0.000778
2052 Feb	105	0.0456	0.038	0.00172	18.6	0.0267	8.87	0.000949	0.000931	0.0000048	0.00584	0.000884	0.0115	0.0138	0.00000471	12.7	0.0000155	0.000186	0.000157	0.000779
2052 Mar	105	0.0456	0.038	0.00172	18.7	0.0267	8.88	0.000949	0.000932	0.0000048	0.00585	0.000885	0.0115	0.0138	0.00000472	12.7	0.0000155	0.000187	0.000157	0.00078
2052 Apr	105	0.0457	0.0381	0.00172	18.7	0.0267	8.9	0.000951	0.000933	0.00000481	0.00586	0.000887	0.0115	0.0139	0.00000472	12.8	0.0000155	0.000187	0.000157	0.000781
2052 May	105	0.0461	0.0382	0.00172	18.8	0.0268	8.94	0.000957	0.000939	0.00000484	0.0059	0.000899	0.0116	0.0142	0.00000475	13	0.0000156	0.00019	0.000162	0.000789
2052 Jun	106	0.0446	0.039	0.00173	19.1	0.0261	8.94	0.000959	0.000941	0.00000485	0.00586	0.000911	0.0115	0.0146	0.00000476	13.3	0.0000159	0.000196	0.000173	0.000793
2052 Jul	105	0.0434	0.0386	0.00174	18.9	0.0266	8.85	0.000971	0.000953	0.00000491	0.00588	0.000921	0.0115	0.0146	0.00000482	13.3	0.0000158	0.000194	0.000171	0.0008
2052 Aug	106	0.0437	0.0387	0.00175	19	0.0272	8.9	0.000984	0.000966	0.00000498	0.00595	0.000935	0.0117	0.0148	0.00000489	13.4	0.0000158	0.000196	0.000172	0.00081
2052 Sep	105	0.0438	0.0381	0.00173	18.8	0.0272	8.8	0.000978	0.00096	0.00000495	0.00592	0.000931	0.0116	0.0147	0.00000486	13.4	0.0000157	0.000195	0.00017	0.000806
2052 Oct	104	0.0442	0.0378	0.00172	18.8	0.0272	8.75	0.000977	0.000958	0.00000494	0.00593	0.000931	0.0116	0.0147	0.00000485	13.3	0.0000156	0.000194	0.00017	0.000806
2052 Nov	104	0.0444	0.0379	0.00172	18.8	0.0273	8.77	0.000979	0.000961	0.00000495	0.00595	0.000933	0.0116	0.0147	0.00000486	13.4	0.0000157	0.000195	0.00017	0.000808
2052 Dec	104	0.0444	0.0378	0.00173	18.8	0.0274	8.77	0.000979	0.000961	0.00000495	0.00595	0.000934	0.0116	0.0147	0.00000486	13.4	0.0000157	0.000195	0.00017	0.000808
2053 Jan	104	0.0445	0.0378	0.00173	18.8	0.0274	8.77	0.000979	0.000961	0.00000495	0.00595	0.000934	0.0116	0.0148	0.00000486	13.4	0.0000157	0.000195	0.00017	0.000809
2053 Feb	104	0.0445	0.0379	0.00173	18.8	0.0274	8.77	0.00098	0.000962	0.00000495	0.00595	0.000935	0.0116	0.0148	0.00000486	13.4	0.0000157	0.000195	0.00017	0.000809
2053 Mar	104	0.0446	0.0379	0.00173	18.8	0.0274	8.78	0.000981	0.000963	0.00000496	0.00596	0.000936	0.0116	0.0148	0.00000487	13.4	0.0000157	0.000195	0.000171	0.00081
2053 Apr	105	0.0447	0.038	0.00173	18.9	0.0275	8.81	0.000984	0.000966	0.00000497	0.00598	0.000939	0.0117	0.0149	0.00000489	13.5	0.0000157	0.000196	0.000171	0.000813
2053 May	105	0.0461	0.038	0.00172	19.2	0.0272	8.85	0.000987	0.000969	0.00000499	0.00601	0.000983	0.0116	0.0162	0.0000049	14.5	0.0000016	0.000209	0.000195	0.000837
2053 Jun	110	0.0454	0.0412	0.00174	20.2	0.0252	9.19	0.000955	0.000934	0.00000482	0.00565	0.000973	0.0113	0.0167	0.00000473	14.9	0.0000157	0.000214	0.000215	0.000829
2053 Jul	115	0.0463	0.0437	0.00183	21	0.026	9.62	0.000983	0.00096	0.00000496	0.00576	0.000982	0.0117	0.0167	0.00000486	14.9	0.000016	0.000215	0.000213	0.000846
2053 Aug	119	0.0479	0.0452	0.00189	21.7	0.0269	9.94	0.00102	0.000993	0.00000513	0.00596	0.00102	0.0121	0.0173	0.00000503	15.5	0.0000165	0.000223	0.00022	0.000875
2053 Sep	121	0.049	0.0462	0.00193	22.2	0.0276	10.2	0.00104	0.00102	0.00000525	0.0061	0.00104	0.0124	0.0177	0.00000515	15.8	0.0000169	0.000228	0.000225	0.000895
2053 Oct	122	0.0493	0.0463	0.00194	22.3	0.0277	10.2	0.00104	0.00102	0.00000527	0.00612	0.00104	0.0125	0.0177	0.00000517	15.9	0.0000169	0.000229	0.000226	0.000899
2053 Nov	122	0.0492	0.0462	0.00194	22.2	0.0277	10.2	0.00104	0.00102	0.00000527	0.00612	0.00104	0.0124	0.0177	0.00000516	15.8	0.0000169	0.000228	0.000225	0.000898
2053 Dec	122	0.0492	0.0462	0.00194	22.2	0.0277	10.2	0.00104	0.00102	0.00000527	0.00612	0.00104	0.0125	0.0177	0.00000516	15.9	0.0000169	0.000228	0.000225	0.000898
2054 Jan	122	0.0493	0.0462	0.00194	22.2	0.0277	10.2	0.00104	0.00102	0.00000527	0.00612	0.00104	0.0125	0.0177	0.00000516	15.9	0.0000169	0.000228	0.000226	0.000898
2054 Feb	122	0.0493	0.0462	0.00194	22.2	0.0277	10.2	0.00104	0.00102	0.00000527	0.00612	0.00104	0.0125	0.0177	0.00000516	15.9	0.0000169	0.000228	0.000226	0.000898
2054 Mar	122	0.0493	0.0462	0.00194	22.2	0.0277	10.2	0.00104	0.00102	0.00000527	0.00612	0.00104	0.0125	0.0177	0.00000516	15.9	0.0000169	0.000229	0.000226	0.000898
2054 Apr	122	0.0495	0.0464	0.00194	22.3	0.0278	10.2	0.00105	0.00102	0.00000528	0.00614	0.00105	0.0125	0.0178	0.00000518	15.9	0.000017	0.000229	0.000227	0.000901
2054 May	123	0.05	0.0466	0.00195	22.5	0.0279	10.3	0.00106	0.00103	0.00000533	0.0062	0.00106	0.0126	0.0182	0.00000522	16.2	0.0000172	0.000233	0.000232	0.000912
2054 Jun	109	0.0464	0.0403	0.00172	20.3	0.0251	9.04	0.000987	0.000966	0.00000497	0.00593	0.00105	0.0114	0.0187	0.00000489	16.4	0.0000168	0.000236	0.000247	0.00087
2054 Jul	108	0.0447	0.0403	0.00172	20	0.025	8.96	0.000979	0.000957	0.00000493	0.00585	0.00102	0.0113	0.0178	0.00000485	15.7	0.0000165	0.000228	0.000232	0.000851
2054 Aug	107	0.0447	0.04	0.00172	19.9	0.0254	8.92	0.000982	0.000961	0.00000495	0.00586	0.00103	0.0114	0.0178	0.00000486	15.7	0.0000164	0.000227	0.000231	0.000853
2054 Sep	106	0.0449	0.0394	0.00171	19.8	0.0256	8.85	0.000982	0.000961	0.00000495	0.00586	0.00103	0.0114	0.0178	0.00000486	15.7	0.0000163	0.000227	0.000229	0.000851
2054 Oct	105	0.045	0.039	0.00169	19.6	0.0255	8.76	0.000973	0.000952	0.0000049	0.00582	0.00102	0.0113	0.0176	0.00000482	15.5	0.0000161	0.000224	0.000226	0.000844
2054 Nov	105	0.0456	0.0388	0.00168	19.5	0.0257	8.74	0.000971	0.00095	0.00000489	0.00583	0.00101	0.0113	0.0175	0.00000481	15.4	0.000016	0.000223	0.000224	0.000844
2054 Dec	105	0.0458	0.0387	0.00168	19.5	0.0257	8.74	0.000971	0.000951	0.00000489	0.00584	0.00101	0.0113	0.0175	0.00000481	15.5	0.000016	0.000223	0.000224	0.000844
2055 Jan	105	0.0458	0.0387	0.00168	19.5	0.0257	8.74	0.000971	0.000951	0.00000489	0.00584	0.00101	0.0113	0.0175	0.00000481	15.5	0.000016	0.000223	0.000224	0.000845
2055 Feb	105	0.0459	0.0387	0.00168	19.5	0.0257	8.75	0.000971	0.000951	0.00000489	0.00584	0.00101	0.0113	0.0176	0.00000481	15.5	0.000016	0.000224	0.000224	0.000845
2055 Mar	105	0.0459	0.0388	0.00168	19.5	0.0257	8.75	0.000972	0.000951	0.00000489	0.00584	0.00102	0.0113	0.0176	0.00000481	15.5	0.000016	0.000224	0.000225	0.000846
2055 Apr	105	0.046	0.0389	0.00169	19.6	0.0258	8.77	0.000974	0.000954	0.00000491	0.00585	0.00102	0.0113	0.0176	0.00000482	15.5	0.0000161	0.000224	0.000226	0.000848
2055 May	106	0.0465	0.0393	0.00171	19.8	0.0261	8.87	0.000984	0.000964	0.00000496	0.00592	0.00103	0.0115	0.0178	0.00000487	15.7	0.0000162	0.000227	0.000228	0.000857
2055 Jun	106	0.0412	0.0414	0.00176	19.3	0.0251	8.86	0.000973	0.000948	0.00000489	0.00579	0.000937	0.0116	0.0153	0.0000048	13.8	0.0000162	0.000208	0.000189	0.000799
2055 Jul	113	0.0417	0.0454	0.00188	20.3	0.0256	9.46	0.000992	0.000963	0.00000499	0.00578	0.000925	0.012	0.0148	0.00000488	13.5	0.0000162	0.000205	0.000182	0.000806
2055 Aug	116	0.0427	0.0465	0.00193	20.8	0.0263	9.69	0.00102	0.000987	0.00000511	0.00593	0.000949	0.0123	0.0152	0.00000501	13.8	0.0000166	0.00021	0.000186	0.000826
2055 Sep	115	0.0429	0.0459	0.00191	20.7	0.0264	9.6	0.00101	0.000983	0.00000509	0.00592	0.000947	0.0123	0.0152	0.00000499	13.8	0.0000165	0.000209	0.000185	0.000824
2055 Oct	115	0.0432	0.0459	0.00191	20.7	0.0265	9.61	0.00102	0.000986	0.0000051	0.00594	0.000949	0.0123	0.0152	0.000005	13.8	0.0000165	0.00021	0.000185	0.000826
2055 Nov	115	0.0433	0.0459	0.00191	20.7	0.0265	9.62	0.00102	0.000987	0.00000511	0.00594	0.00095	0.0123	0.0152	0.00000501	13.9	0.0000165	0.00021	0.000185	0.000827
2055 Dec	115	0.0433	0.0459	0.00191	20.7	0.0266	9.62	0.00102	0.000987	0.00000511	0.00595	0.000951	0.0123	0.0152	0.00000501	13.9	0.0000165	0.00021	0.000185	0.000827
2056 Jan	115	0.0434	0.0459	0.00191	20.7	0.0266	9.62	0.00102	0.000987	0.00000511	0.00595	0.000951	0.0123	0.0152	0.00000501	13.9	0.0000165	0.00021	0.000185	0.000828
2056 Feb	115	0.0434	0.0459	0.00191	20.7	0.0266	9.62	0.00102	0.000987	0.00000511	0.00595	0.000952	0.0123	0.0153	0.00000501	13.9	0.0000166	0.00021	0.000186	0.000828
2056 Mar	115	0.0435	0.0459	0.00191	20.7	0.0266	9.62	0.00102	0.000988	0.00000511	0.00595	0.000953	0.0123	0.0153	0.00000501	13.9	0.0000166	0.000211	0.000186	0.000829
2056 Apr	115	0.0436	0.046	0.00192	20.8	0.0267	9.65	0.00102	0.000991	0.00000513	0.00597	0.000956	0.0124	0.0153	0.00000502	14	0.0000166	0.000211	0.000187	0.000831
2056 May	115	0.0449	0.0456	0.0019	21	0.0266	9.65	0.00103	0.000996	0.00000515	0.00602	0.000994	0.0123	0.0164	0.00000505	14.8	0.0000168	0.000222	0.000205	0.000852
2056 Jun	113	0.0474	0.0442	0.00178	21.1	0.0247	9.5	0.000979	0.000951	0.00000491	0.00572	0.00106	0.0115	0.019	0.00000482	16.7	0.0000164	0.000242	0.000257	0.000876
2056 Jul	117	0.0486	0.0461	0.00185	21.8	0.0257	9.86	0.00101	0.000982	0.00000507	0.00588	0.00108	0.0119	0.0194	0.00000498	17	0.0000168	0.000247	0.000261	0.000901
2056 Aug	117	0.049	0.0461	0.00186	22	0.0262	9.89	0.00102	0.000994	0.00000513	0.00595	0.0011	0.012	0.0196	0.00000504	17.2	0.0000168	0.000249	0.000262	0.000911
2056 Sep	119	0.0499	0.0467	0.00189	22.3	0.0267	10	0.00104	0.00101	0.00000521	0.00604	0.00111	0.0122	0.0199	0.00000512	17.4	0.000017	0.000252	0.000265	0.000925

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	117	0.0496	0.0457	0.00186	21.9	0.0264	9.85	0.00102	0.000995	0.00000514	0.00598	0.0011	0.0121	0.0196	0.00000505	17.2	0.0000168	0.000249	0.00026	0.000912
2056 Nov	116	0.0499	0.0453	0.00185	21.8	0.0265	9.8	0.00102	0.000994	0.00000513	0.00598	0.0011	0.012	0.0195	0.00000504	17.1	0.0000167	0.000248	0.000259	0.000911
2056 Dec	116	0.05	0.0453	0.00185	21.8	0.0266	9.8	0.00102	0.000994	0.00000513	0.00599	0.0011	0.012	0.0195	0.00000504	17.1	0.0000167	0.000248	0.000259	0.000912
2057 Jan	116	0.0501	0.0453	0.00185	21.8	0.0266	9.8	0.00102	0.000994	0.00000513	0.00599	0.0011	0.012	0.0195	0.00000504	17.1	0.0000167	0.000248	0.000259	0.000912
2057 Feb	116	0.0501	0.0453	0.00185	21.8	0.0266	9.8	0.00102	0.000994	0.00000513	0.00599	0.0011	0.012	0.0195	0.00000504	17.2	0.0000168	0.000248	0.000259	0.000912
2057 Mar	116	0.0501	0.0453	0.00185	21.8	0.0266	9.8	0.00102	0.000995	0.00000513	0.00599	0.0011	0.012	0.0196	0.00000504	17.2	0.0000168	0.000248	0.00026	0.000913
2057 Apr	116	0.0503	0.0455	0.00185	21.9	0.0267	9.84	0.00103	0.000998	0.00000515	0.00601	0.0011	0.0121	0.0196	0.00000506	17.2	0.0000168	0.000249	0.000261	0.000916
2057 May	118	0.051	0.046	0.00187	22.1	0.027	9.95	0.00104	0.00101	0.00000521	0.00609	0.00112	0.0122	0.0199	0.00000512	17.5	0.000017	0.000253	0.000265	0.000928
2057 Jun	109	0.0454	0.0431	0.00177	20.3	0.025	9.2	0.000992	0.000963	0.00000496	0.00587	0.00104	0.0116	0.0183	0.00000488	16.1	0.0000167	0.000239	0.000242	0.000862
2057 Jul	113	0.0457	0.0452	0.00184	20.9	0.0255	9.55	0.00101	0.00098	0.00000506	0.00594	0.00105	0.012	0.0181	0.00000497	16	0.0000169	0.000238	0.000237	0.000871
2057 Aug	118	0.048	0.0474	0.00193	21.9	0.0269	10	0.00106	0.00103	0.00000532	0.00624	0.0011	0.0126	0.019	0.00000522	16.8	0.0000178	0.000251	0.000249	0.000915
2057 Sep	120	0.0486	0.0479	0.00195	22.2	0.0272	10.1	0.00107	0.00104	0.00000538	0.00631	0.00111	0.0127	0.0193	0.00000528	17	0.000018	0.000253	0.000252	0.000925
2057 Oct	119	0.0486	0.0474	0.00194	22	0.0271	10	0.00107	0.00104	0.00000534	0.00628	0.00111	0.0126	0.0191	0.00000525	16.9	0.0000178	0.000252	0.00025	0.00092
2057 Nov	118	0.049	0.0472	0.00193	21.9	0.0272	10	0.00107	0.00104	0.00000534	0.0063	0.00111	0.0126	0.0191	0.00000525	16.9	0.0000178	0.000251	0.000249	0.000921
2057 Dec	118	0.0491	0.0472	0.00193	21.9	0.0273	10	0.00107	0.00104	0.00000535	0.00631	0.00111	0.0126	0.0191	0.00000525	16.9	0.0000178	0.000251	0.000249	0.000922
2058 Jan	118	0.0491	0.0472	0.00193	21.9	0.0273	10	0.00107	0.00104	0.00000535	0.00631	0.00111	0.0126	0.0191	0.00000525	16.9	0.0000178	0.000252	0.00025	0.000922
2058 Feb	118	0.0492	0.0472	0.00193	21.9	0.0273	10	0.00107	0.00104	0.00000535	0.00631	0.00111	0.0126	0.0192	0.00000525	16.9	0.0000178	0.000252	0.00025	0.000922
2058 Mar	118	0.0492	0.0472	0.00193	22	0.0273	10	0.00107	0.00104	0.00000535	0.00631	0.00111	0.0126	0.0192	0.00000525	17	0.0000178	0.000252	0.00025	0.000923
2058 Apr	119	0.0493	0.0473	0.00193	22	0.0273	10.1	0.00107	0.00104	0.00000536	0.00632	0.00111	0.0127	0.0192	0.00000526	17	0.0000179	0.000252	0.000251	0.000925
2058 May	118	0.0507	0.0466	0.0019	22.2	0.0271	10	0.00107	0.00104	0.00000535	0.00634	0.00115	0.0125	0.0205	0.00000527	17.9	0.0000181	0.000264	0.000273	0.000946
2058 Jun	116	0.0512	0.0468	0.00181	22.2	0.0246	10	0.000994	0.00096	0.00000495	0.00575	0.00115	0.0116	0.0216	0.00000487	18.7	0.0000167	0.000269	0.000302	0.00093
2058 Jul	122	0.0523	0.0501	0.00191	23.1	0.0255	10.6	0.00102	0.000985	0.00000509	0.00584	0.00116	0.0121	0.0215	0.000005	18.7	0.0000169	0.00027	0.000299	0.000947
2058 Aug	125	0.0538	0.0515	0.00196	23.7	0.0262	10.8	0.00105	0.00101	0.00000524	0.006	0.00119	0.0124	0.0221	0.00000514	19.2	0.0000174	0.000278	0.000307	0.000974
2058 Sep	124	0.0538	0.051	0.00195	23.6	0.0262	10.8	0.00105	0.00101	0.00000521	0.00599	0.00118	0.0124	0.0219	0.00000512	19.1	0.0000173	0.000276	0.000305	0.000969
2058 Oct	123	0.0541	0.0503	0.00193	23.3	0.0263	10.7	0.00104	0.001	0.00000518	0.00598	0.00118	0.0123	0.0218	0.00000509	19	0.0000172	0.000274	0.000302	0.000964
2058 Nov	123	0.0542	0.0503	0.00193	23.4	0.0263	10.7	0.00104	0.001	0.00000519	0.00599	0.00118	0.0123	0.0218	0.0000051	19	0.0000172	0.000274	0.000302	0.000966
2058 Dec	123	0.0543	0.0503	0.00193	23.4	0.0264	10.7	0.00104	0.001	0.00000519	0.006	0.00118	0.0123	0.0218	0.0000051	19	0.0000172	0.000274	0.000302	0.000966
2059 Jan	123	0.0543	0.0503	0.00193	23.4	0.0264	10.7	0.00104	0.001	0.00000519	0.006	0.00118	0.0123	0.0218	0.0000051	19	0.0000172	0.000274	0.000302	0.000966
2059 Feb	123	0.0543	0.0503	0.00193	23.4	0.0264	10.7	0.00104	0.001	0.00000519	0.006	0.00118	0.0123	0.0218	0.0000051	19	0.0000172	0.000274	0.000302	0.000966
2059 Mar	123	0.0543	0.0503	0.00193	23.4	0.0264	10.7	0.00104	0.001	0.00000519	0.006	0.00118	0.0123	0.0218	0.0000051	19	0.0000172	0.000274	0.000302	0.000967
2059 Apr	123	0.0545	0.0504	0.00194	23.4	0.0264	10.7	0.00104	0.00101	0.0000052	0.00601	0.00118	0.0123	0.0219	0.00000511	19.1	0.0000173	0.000275	0.000303	0.000969
2059 May	123	0.0552	0.0501	0.00193	23.6	0.0265	10.7	0.00105	0.00101	0.00000523	0.00607	0.0012	0.0124	0.0225	0.00000515	19.5	0.0000175	0.000281	0.000313	0.000982
2059 Jun	118	0.0552	0.0466	0.0018	22.8	0.0252	10.2	0.00103	0.000993	0.00000511	0.00601	0.00124	0.0117	0.0239	0.00000503	20.5	0.0000175	0.000292	0.00034	0.000988
2059 Jul	123	0.0577	0.0489	0.00189	23.9	0.0265	10.6	0.00108	0.00104	0.00000536	0.00631	0.0013	0.0123	0.025	0.00000528	21.4	0.0000184	0.000306	0.000355	0.00104
2059 Aug	128	0.06	0.0508	0.00197	24.9	0.0275	11.1	0.00112	0.00108	0.00000557	0.00656	0.00135	0.0128	0.026	0.00000549	22.3	0.0000191	0.000318	0.000369	0.00108
2059 Sep	128	0.0606	0.0504	0.00196	24.8	0.0277	11	0.00112	0.00108	0.00000558	0.00658	0.00135	0.0128	0.026	0.00000549	22.3	0.0000191	0.000317	0.000367	0.00108
2059 Oct	118	0.061	0.0456	0.00182	23	0.0276	10.2	0.00106	0.00103	0.0000053	0.00641	0.00128	0.0122	0.0243	0.00000523	20.9	0.000018	0.000297	0.000337	0.00103
2059 Nov	116	0.0615	0.0449	0.0018	22.8	0.0277	10.1	0.00106	0.00103	0.00000528	0.00642	0.00127	0.0122	0.0242	0.00000521	20.8	0.000018	0.000295	0.000334	0.00102
2059 Dec	116	0.0616	0.0448	0.0018	22.8	0.0278	10.1	0.00106	0.00103	0.00000528	0.00643	0.00127	0.0122	0.0241	0.00000521	20.8	0.0000179	0.000295	0.000333	0.00102
2060 Jan	116	0.0617	0.0448	0.0018	22.8	0.0278	10.1	0.00106	0.00103	0.00000528	0.00643	0.00127	0.0122	0.0242	0.00000521	20.8	0.000018	0.000295	0.000333	0.00102
2060 Feb	116	0.0617	0.0448	0.0018	22.8	0.0278	10.1	0.00106	0.00103	0.00000528	0.00643	0.00127	0.0122	0.0242	0.00000521	20.8	0.000018	0.000295	0.000334	0.00102
2060 Mar	116	0.0617	0.0449	0.0018	22.8	0.0278	10.1	0.00106	0.00103	0.00000529	0.00643	0.00128	0.0122	0.0242	0.00000521	20.8	0.000018	0.000295	0.000334	0.00102
2060 Apr	117	0.0619	0.045	0.00181	22.9	0.0279	10.1	0.00106	0.00103	0.0000053	0.00645	0.00128	0.0122	0.0243	0.00000523	20.9	0.000018	0.000296	0.000335	0.00103
2060 May	116	0.0622	0.0443	0.00178	22.9	0.0275	10	0.00106	0.00103	0.00000529	0.00645	0.0013	0.012	0.0251	0.00000522	21.5	0.0000182	0.000303	0.00035	0.00104
2060 Jun	116	0.0582	0.0458	0.00178	22.6	0.0258	10.1	0.00103	0.000992	0.0000051	0.0061	0.00126	0.0118	0.0243	0.00000503	20.8	0.0000175	0.000296	0.000343	0.000999
2060 Jul	123	0.0605	0.0489	0.00189	23.8	0.0271	10.7	0.00108	0.00104	0.00000534	0.00636	0.00131	0.0124	0.025	0.00000527	21.5	0.0000183	0.000307	0.000353	0.00104
2060 Aug	122	0.0608	0.0486	0.00189	23.8	0.0277	10.7	0.00108	0.00105	0.00000539	0.00641	0.00131	0.0125	0.0251	0.00000531	21.6	0.0000182	0.000308	0.000352	0.00105
2060 Sep	113	0.0583	0.0439	0.00176	22.1	0.0278	9.88	0.00104	0.00101	0.00000516	0.00615	0.00125	0.0121	0.0235	0.00000509	20.3	0.0000167	0.000289	0.000322	0.000991
2060 Oct	112	0.0583	0.0436	0.00175	21.9	0.0277	9.82	0.00103	0.000998	0.00000512	0.00612	0.00124	0.012	0.0232	0.00000505	20.1	0.0000166	0.000285	0.000316	0.000983
2060 Nov	111	0.0585	0.0435	0.00175	21.8	0.0278	9.8	0.00103	0.000995	0.0000051	0.00611	0.00123	0.012	0.023	0.00000504	19.9	0.0000165	0.000284	0.000314	0.000979
2060 Dec	111	0.0586	0.0434	0.00175	21.8	0.0278	9.8	0.00103	0.000995	0.00000511	0.00611	0.00123	0.012	0.023	0.00000504	19.9	0.0000165	0.000284	0.000314	0.00098
2061 Jan	111	0.0586	0.0434	0.00175	21.8	0.0278	9.8	0.00103	0.000995	0.00000511	0.00611	0.00123	0.012	0.023	0.00000504	19.9	0.0000165	0.000284	0.000314	0.00098
2061 Feb	111	0.0586	0.0434	0.00175	21.8	0.0278	9.8	0.00103	0.000995	0.00000511	0.00611	0.00123	0.012	0.023	0.00000504	20	0.0000165	0.000284	0.000314	0.00098
2061 Mar	111	0.0587	0.0434	0.00175	21.8	0.0278	9.81	0.00103	0.000995	0.00000511	0.00611	0.00123	0.012	0.0231	0.00000504	20	0.0000165	0.000284	0.000314	0.000981
2061 Apr	112	0.0589	0.0436	0.00175	21.9	0.0279	9.84	0.00103	0.000999	0.00000512	0.00613	0.00123	0.0121	0.0231	0.00000505	20	0.0000166	0.000285	0.000315	0.000984
2061 May	115	0.0598	0.0449	0.00177	22.5	0.0275	10.1	0.00104	0.00101	0.00000516	0.00615	0.00127	0.0121	0.0242	0.00000509	20.9	0.0000169	0.000296	0.000336	0.00101
2061 Jun	121	0.0578	0.0508	0.00188	23.4	0.0261	10.9	0.00102	0.000978	0.00000504	0.00583	0.00123	0.0122	0.0235	0.00000496	20.3	0.0000166	0.000292	0.000332	0.000988
2061 Jul	127	0.0599	0.0535	0.00198	24.4	0.0273	11.4	0.00107	0.00102	0.00000527	0.00608	0.00128	0.0128	0.0242	0.00000519	21	0.0000173	0.000303	0.000342	0.00103
2061 Aug	131	0.0622	0.0555	0.00205	25.3	0.0284	11.8	0.00111	0.00106	0.00000547	0.00631	0.00133	0.0132	0.0252	0.00000539	21.8	0.000018	0.000315	0.000355	0.00107
2061 Sep	132	0.0625	0.0558	0.00207	25.5	0.0286	11.9	0.00111	0.00107	0.0000055	0.00635	0.00133	0.0133	0.0253	0.00000542	21.9	0.0000181	0.000317	0.000357	0.00107
2061 Oct	125	0.0625	0.0523	0.00197	24.3	0.0283	11.3	0.00108	0.00103	0.00000532	0.00624	0.00129	0.0129	0.0243	0.00000524	21.1	0.0000174	0.000303	0.000338	0.00104
2061 Nov	122	0.0633	0.0507	0.00193	23.8	0.0285	11	0.00107	0.00102	0.00000527	0.00625	0.00127	0.0127	0.0239	0.0000052	20.8	0.0000172	0.000298	0.00033	0.00103
2061 Dec	122	0.0634	0.0506	0.00193	23.8	0.0286	11	0.00107	0.00102	0.00000527	0.00625	0.00127	0.0127	0.0239	0.0000052	20.8	0.0000172	0.000298	0.00033	0.00103
2062 Jan	122	0.0634	0.0506	0.00192	23.8	0.0286	11	0.00107	0.00102	0.00000527	0.00626	0.00127	0.0127	0.0239	0.0000052	20.8	0.0000172	0.000298	0.00033	0.00103
2062 Feb	122	0.0635	0.0506	0.00192	23.8	0.0286	11	0.00107	0.00102	0.00000527	0.00626	0.00127	0.0127	0.0239	0.0000052	20.8	0.0000172	0.000298	0.00033	0.00103
2062 Mar	122	0.0635	0.0507	0.00193	23.8	0.0286	11	0.00107	0.00103	0.00000528	0.00626	0.00128	0.0127	0.0239	0.0000052	20.8	0.0000173	0.000299	0.000331	0.00103
2062 Apr	123	0.0637	0.0508	0.00193	23.9	0.0287	11.1	0.00107	0.00103	0.0000053	0.00628	0.00128	0.0128	0.024	0.00000522	20.9	0.0000173	0.0003	0.000332	0.00103
2062 May	124	0.0643	0.0513	0.00195	24.1	0.0289	11.2	0.00108	0.00104	0.00000534	0.00634	0.00129	0.0129	0.0243	0.00000527	21.1	0.0000175	0.000302	0.000335	0.00104
2062 Jun	114	0.0547	0.0483	0.00187	21.8	0.027	10.3	0.00105	0.001	0.00000516	0.00619	0.00118	0.0125	0.0212	0.00000509	18.6	0.0000174	0.000278	0.000286	0.00095
2062 Jul	115	0.0522	0.0504	0.00193	21.8	0.0268	10.5	0.00105	0.001	0.00000517	0.00615	0.00115	0.0128	0.0202	0.0000051	17.8	0.0000174	0.000272	0.00027	0.000931
2062 Aug	114	0.0522	0.0498	0.00192	21.7	0.0272	10.4	0.00106	0.00101	0.00000519	0.00616	0.00115	0.0128	0.0201	0.00000512	17.8	0.0000173	0.000271	0.000267	0.000932
2062 Sep	111	0.0523	0.0481	0.00187	21.1	0.0271	10.1	0.00103	0.000989	0.00000509	0.00608	0.00113	0.0126	0.0197	0.00000502	17.4	0.0000168	0.000265	0.000259	0.000916
2062 Oct	113	0.0591	0.0501	0.00191	21.5	0.0286	10.6	0.00102	0.000963	0.00000497	0.00597	0.0011	0.0127	0.0188	0.0000049	16.9	0.0000158	0.000255	0.000242	0.000915
2062 Nov	113	0.0597	0.0502	0.00191	21.5	0.0288	10.6	0.00102	0.000965	0.00000498	0.006	0.0011	0.0128	0.0188	0.00000491	16.9	0.0000158	0.000255	0.000241	0.000918
2062 Dec	113	0.0598	0.0502	0.00191	21.5	0.0289	10.6	0.00102	0.000965	0.00000498	0.006	0.0011	0.0128	0.0188	0.00000491	16.9	0.0000158	0.000255	0.000241	0.000918
2063 Jan	113	0.0598	0.0501	0.00191	21.5	0.0289	10.6	0.00102	0.000966	0.00000498	0.006	0.0011	0.0128	0.0188	0.00000491	16.9	0.0000158	0.000255	0.000241	0.000918
2063 Feb	113	0.0598	0.0502	0.00191	21.6	0.0289	10.6	0.00102	0.000966	0.00000498	0.006	0.0011	0.0128	0.0189	0.00000491	16.9	0.0000158	0.000255	0.000242	0.000919

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	113	0.0599	0.0502	0.00191	21.6	0.0289	10.6	0.00102	0.000966	0.00000498	0.006	0.0011	0.0128	0.0189	0.00000491	16.9	0.0000158	0.000255	0.000242	0.000919
2063 Apr	113	0.06	0.0503	0.00191	21.6	0.0289	10.6	0.00102	0.000968	0.00000499	0.00601	0.0011	0.0128	0.0189	0.00000492	17	0.0000158	0.000256	0.000242	0.000921
2063 May	114	0.0606	0.0506	0.00192	21.9	0.0288	10.7	0.00103	0.000975	0.00000503	0.00605	0.00113	0.0128	0.0197	0.00000496	17.6	0.000016	0.000264	0.000256	0.000937
2063 Jun	115	0.0534	0.0559	0.00197	22	0.0259	11	0.000995	0.000927	0.0000048	0.00554	0.00109	0.0127	0.019	0.00000473	17	0.0000156	0.000267	0.000258	0.000894
2063 Jul	119	0.0537	0.0596	0.00207	22.6	0.0264	11.5	0.00101	0.000935	0.00000485	0.00551	0.00109	0.0132	0.0186	0.00000478	16.7	0.0000155	0.000268	0.00025	0.000898
2063 Aug	123	0.0558	0.0617	0.00214	23.5	0.0275	12	0.00105	0.000971	0.00000504	0.00572	0.00113	0.0137	0.0193	0.00000497	17.3	0.000016	0.000278	0.000259	0.000932
2063 Sep	122	0.0559	0.0605	0.00212	23.2	0.0279	11.8	0.00105	0.000972	0.00000504	0.00574	0.00113	0.0137	0.0192	0.00000497	17.3	0.0000159	0.000276	0.000256	0.00093
2063 Oct	119	0.0557	0.059	0.00208	22.8	0.0277	11.5	0.00103	0.000958	0.00000497	0.00568	0.00111	0.0134	0.0189	0.0000049	17	0.0000156	0.000271	0.000251	0.000916
2063 Nov	118	0.0562	0.0584	0.00206	22.6	0.0278	11.5	0.00103	0.000958	0.00000496	0.0057	0.00111	0.0134	0.0188	0.00000489	17	0.0000156	0.00027	0.000249	0.000916
2063 Dec	118	0.0563	0.0583	0.00206	22.6	0.0279	11.5	0.00103	0.000958	0.00000496	0.00571	0.00111	0.0134	0.0189	0.00000489	17	0.0000156	0.00027	0.000249	0.000917
2064 Jan	118	0.0564	0.0583	0.00206	22.6	0.0279	11.5	0.00103	0.000958	0.00000496	0.00571	0.00111	0.0134	0.0189	0.00000489	17	0.0000156	0.00027	0.00025	0.000917
2064 Feb	118	0.0564	0.0583	0.00206	22.6	0.0279	11.5	0.00103	0.000958	0.00000497	0.00571	0.00111	0.0134	0.0189	0.00000489	17	0.0000156	0.00027	0.00025	0.000917
2064 Mar	118	0.0565	0.0584	0.00206	22.7	0.0279	11.5	0.00103	0.000959	0.00000497	0.00572	0.00111	0.0134	0.0189	0.0000049	17	0.0000156	0.000271	0.00025	0.000919
2064 Apr	119	0.0566	0.0585	0.00207	22.7	0.0279	11.5	0.00103	0.000961	0.00000498	0.00573	0.00112	0.0134	0.019	0.00000491	17.1	0.0000156	0.000271	0.000251	0.00092
2064 May	119	0.0575	0.0582	0.00205	22.9	0.0276	11.5	0.00103	0.000962	0.00000498	0.00574	0.00115	0.0133	0.0201	0.00000491	18	0.0000159	0.000282	0.000273	0.00094
2064 Jun	122	0.0573	0.0621	0.00207	23.5	0.0258	12.1	0.001	0.000918	0.00000477	0.00534	0.00117	0.0131	0.0211	0.0000047	18.7	0.0000153	0.000295	0.000299	0.000942
2064 Jul	125	0.0587	0.0641	0.00213	24.2	0.0265	12.4	0.00103	0.000943	0.0000049	0.00547	0.0012	0.0135	0.0215	0.00000483	19.1	0.0000157	0.000302	0.000304	0.000965
2064 Aug	126	0.0589	0.0641	0.00214	24.3	0.0269	12.4	0.00104	0.000952	0.00000494	0.00552	0.00121	0.0136	0.0217	0.00000487	19.2	0.0000157	0.000304	0.000305	0.000972
2064 Sep	120	0.0579	0.0608	0.00206	23.4	0.0271	11.9	0.00102	0.000936	0.00000485	0.00545	0.00118	0.0133	0.021	0.00000479	18.7	0.0000151	0.000294	0.000292	0.000949
2064 Oct	120	0.0582	0.0606	0.00206	23.4	0.0272	11.9	0.00102	0.000938	0.00000486	0.00547	0.00118	0.0133	0.0211	0.0000048	18.7	0.0000151	0.000294	0.000292	0.000951
2064 Nov	121	0.0584	0.0608	0.00206	23.4	0.0273	11.9	0.00102	0.000941	0.00000488	0.00549	0.00119	0.0134	0.0211	0.00000481	18.8	0.0000152	0.000295	0.000293	0.000953
2064 Dec	121	0.0585	0.0608	0.00206	23.4	0.0273	11.9	0.00102	0.000941	0.00000488	0.00549	0.00119	0.0134	0.0211	0.00000481	18.8	0.0000152	0.000295	0.000293	0.000954
2065 Jan	121	0.0585	0.0607	0.00206	23.4	0.0273	11.9	0.00102	0.000941	0.00000488	0.00549	0.00119	0.0134	0.0211	0.00000481	18.8	0.0000152	0.000295	0.000293	0.000954
2065 Feb	121	0.0585	0.0608	0.00206	23.4	0.0273	11.9	0.00102	0.000941	0.00000488	0.00549	0.00119	0.0134	0.0211	0.00000481	18.8	0.0000152	0.000295	0.000293	0.000954
2065 Mar	121	0.0586	0.0608	0.00207	23.4	0.0273	12	0.00102	0.000943	0.00000488	0.0055	0.00119	0.0134	0.0212	0.00000482	18.8	0.0000152	0.000296	0.000293	0.000955
2065 Apr	121	0.0588	0.061	0.00207	23.5	0.0274	12	0.00103	0.000946	0.0000049	0.00552	0.00119	0.0134	0.0213	0.00000484	18.9	0.0000152	0.000297	0.000294	0.000959
2065 May	121	0.0594	0.0603	0.00205	23.6	0.0274	11.9	0.00103	0.000952	0.00000493	0.00558	0.00122	0.0134	0.0219	0.00000487	19.4	0.0000155	0.000303	0.000306	0.000972
2065 Jun	118	0.0552	0.061	0.00205	22.8	0.0259	11.9	0.001	0.00092	0.00000477	0.00539	0.00116	0.0132	0.0206	0.00000471	18.3	0.0000153	0.000294	0.000287	0.000926
2065 Jul	126	0.0573	0.0657	0.00219	24	0.0272	12.7	0.00105	0.000962	0.00000499	0.00561	0.0012	0.014	0.021	0.00000493	18.8	0.000016	0.000306	0.000292	0.000963
2065 Aug	129	0.0592	0.0677	0.00226	24.7	0.0282	13.1	0.00109	0.000995	0.00000516	0.0058	0.00124	0.0145	0.0217	0.0000051	19.4	0.0000165	0.000316	0.000301	0.000996
2065 Sep	123	0.059	0.0635	0.00215	23.6	0.028	12.4	0.00106	0.000967	0.00000501	0.00571	0.0012	0.014	0.0209	0.00000495	18.7	0.0000159	0.000302	0.000286	0.000965
2065 Oct	114	0.0612	0.0582	0.00201	22	0.0283	11.6	0.00101	0.000925	0.00000479	0.00564	0.00114	0.0134	0.0194	0.00000473	17.5	0.000015	0.000281	0.000257	0.000925
2065 Nov	114	0.0618	0.0585	0.00202	22.1	0.0285	11.7	0.00101	0.000924	0.00000478	0.00564	0.00113	0.0135	0.0192	0.00000473	17.4	0.0000149	0.00028	0.000254	0.000924
2065 Dec	114	0.0619	0.0584	0.00202	22.1	0.0286	11.7	0.00101	0.000925	0.00000478	0.00565	0.00113	0.0135	0.0192	0.00000473	17.4	0.0000149	0.00028	0.000254	0.000925
2066 Jan	114	0.0619	0.0584	0.00202	22.1	0.0286	11.7	0.00101	0.000925	0.00000478	0.00565	0.00113	0.0135	0.0193	0.00000473	17.4	0.0000149	0.00028	0.000254	0.000925
2066 Feb	114	0.0619	0.0584	0.00202	22.1	0.0286	11.7	0.00101	0.000925	0.00000479	0.00565	0.00113	0.0135	0.0193	0.00000473	17.4	0.0000149	0.00028	0.000254	0.000926
2066 Mar	114	0.0621	0.0585	0.00202	22.1	0.0286	11.7	0.00101	0.000927	0.00000479	0.00566	0.00114	0.0135	0.0193	0.00000474	17.4	0.0000149	0.000281	0.000255	0.000927
2066 Apr	115	0.0622	0.0587	0.00203	22.2	0.0287	11.7	0.00101	0.000929	0.00000481	0.00567	0.00114	0.0135	0.0194	0.00000475	17.5	0.000015	0.000281	0.000256	0.00093
2066 May	116	0.0628	0.0591	0.00204	22.4	0.0289	11.8	0.00102	0.000937	0.00000485	0.00573	0.00115	0.0136	0.0196	0.0000048	17.7	0.0000151	0.000284	0.000259	0.000939
2066 Jun	116	0.0532	0.0634	0.00213	21.7	0.0267	12.1	0.00101	0.000917	0.00000476	0.00549	0.00109	0.0139	0.0176	0.00000471	16.1	0.0000154	0.00028	0.000233	0.000879
2066 Jul	124	0.0554	0.0692	0.00229	23.1	0.0282	13.1	0.00107	0.000964	0.00000501	0.00571	0.00114	0.0149	0.0181	0.00000495	16.7	0.000016	0.000295	0.00024	0.000922
2066 Aug	127	0.0571	0.0713	0.00237	23.8	0.0293	13.5	0.00111	0.000997	0.00000518	0.0059	0.00118	0.0154	0.0187	0.00000512	17.2	0.0000165	0.000304	0.000247	0.000953
2066 Sep	126	0.0576	0.0701	0.00234	23.6	0.0294	13.3	0.0011	0.000994	0.00000516	0.00592	0.00117	0.0153	0.0186	0.0000051	17.2	0.0000164	0.000302	0.000245	0.00095
2066 Oct	122	0.0579	0.0671	0.00226	22.9	0.0292	12.9	0.00108	0.000975	0.00000506	0.00587	0.00115	0.0149	0.0182	0.000005	16.8	0.0000161	0.000293	0.000237	0.000933
2066 Nov	121	0.0582	0.0663	0.00224	22.7	0.0293	12.7	0.00108	0.000972	0.00000504	0.00587	0.00114	0.0148	0.0182	0.00000499	16.7	0.000016	0.000291	0.000235	0.00093
2066 Dec	121	0.0583	0.0662	0.00224	22.7	0.0293	12.7	0.00108	0.000972	0.00000504	0.00588	0.00114	0.0148	0.0182	0.00000499	16.7	0.000016	0.000291	0.000235	0.000931
2067 Jan	121	0.0584	0.0662	0.00224	22.7	0.0293	12.7	0.00108	0.000972	0.00000504	0.00588	0.00114	0.0148	0.0182	0.00000499	16.8	0.000016	0.000292	0.000236	0.000931
2067 Feb	121	0.0584	0.0662	0.00224	22.7	0.0293	12.7	0.00108	0.000973	0.00000504	0.00588	0.00114	0.0148	0.0182	0.00000499	16.8	0.000016	0.000292	0.000236	0.000932
2067 Mar	121	0.0585	0.0663	0.00224	22.7	0.0293	12.7	0.00108	0.000973	0.00000505	0.00589	0.00115	0.0148	0.0182	0.000005	16.8	0.000016	0.000292	0.000236	0.000933
2067 Apr	121	0.0586	0.0664	0.00225	22.8	0.0294	12.8	0.00108	0.000975	0.00000506	0.0059	0.00115	0.0149	0.0183	0.000005	16.8	0.0000161	0.000293	0.000237	0.000934
2067 May	121	0.0593	0.066	0.00224	22.9	0.0294	12.8	0.00109	0.000984	0.0000051	0.00597	0.00117	0.0148	0.019	0.00000505	17.3	0.0000163	0.000299	0.000248	0.000949
2067 Jun	114	0.0559	0.0604	0.00206	21.7	0.0271	11.8	0.00104	0.000944	0.00000488	0.00576	0.00117	0.0138	0.0197	0.00000483	17.7	0.0000162	0.000299	0.000266	0.000925
2067 Jul	119	0.0581	0.0631	0.00215	22.6	0.0283	12.4	0.00108	0.000986	0.0000051	0.00602	0.00122	0.0144	0.0205	0.00000505	18.4	0.0000169	0.000311	0.000276	0.000965
2067 Aug	118	0.0578	0.0625	0.00215	22.5	0.029	12.3	0.0011	0.001	0.00000516	0.00607	0.00123	0.0145	0.0206	0.00000512	18.5	0.0000168	0.00031	0.000275	0.000974
2067 Sep	118	0.0582	0.0621	0.00215	22.5	0.0293	12.3	0.0011	0.001	0.00000518	0.0061	0.00124	0.0145	0.0206	0.00000514	18.5	0.0000168	0.00031	0.000274	0.000977
2067 Oct	112	0.0585	0.0586	0.00206	21.6	0.0291	11.7	0.00107	0.000978	0.00000504	0.00603	0.0012	0.014	0.02	0.000005	17.9	0.0000163	0.000299	0.000262	0.000952
2067 Nov	111	0.0592	0.0576	0.00203	21.4	0.0292	11.6	0.00106	0.000975	0.00000503	0.00605	0.00119	0.014	0.0199	0.00000498	17.9	0.0000162	0.000296	0.00026	0.00095
2067 Dec	111	0.0593	0.0575	0.00203	21.4	0.0293	11.6	0.00106	0.000976	0.00000503	0.00606	0.0012	0.014	0.0199	0.00000499	17.9	0.0000162	0.000296	0.000259	0.000951
2068 Jan	111	0.0594	0.0575	0.00203	21.4	0.0293	11.6	0.00106	0.000976	0.00000503	0.00606	0.0012	0.014	0.0199	0.00000499	17.9	0.0000162	0.000296	0.00026	0.000951
2068 Feb	111	0.0594	0.0575	0.00203	21.4	0.0293	11.6	0.00106	0.000976	0.00000503	0.00606	0.0012	0.014	0.0199	0.00000499	17.9	0.0000162	0.000296	0.00026	0.000952
2068 Mar	111	0.0596	0.0576	0.00203	21.5	0.0293	11.6	0.00106	0.000978	0.00000504	0.00607	0.0012	0.014	0.02	0.000005	17.9	0.0000163	0.000297	0.000261	0.000953
2068 Apr	112	0.0599	0.0579	0.00205	21.6	0.0295	11.6	0.00107	0.000984	0.00000507	0.00611	0.00121	0.0141	0.0201	0.00000503	18	0.0000164	0.000299	0.000263	0.00096
2068 May	113	0.0606	0.0579	0.00204	21.9	0.0293	11.7	0.00108	0.000988	0.00000509	0.00613	0.00124	0.014	0.021	0.00000505	18.7	0.0000166	0.000307	0.000279	0.000976
2068 Jun	119	0.0573	0.0663	0.00215	22.7	0.0268	12.9	0.00103	0.000925	0.00000479	0.00551	0.00121	0.0142	0.0206	0.00000475	18.5	0.0000157	0.000317	0.000286	0.000945
2068 Jul	121	0.0574	0.0677	0.00221	23	0.0275	13.2	0.00105	0.000942	0.00000488	0.00559	0.00122	0.0145	0.0206	0.00000484	18.5	0.0000158	0.000319	0.000284	0.000957
2068 Aug	125	0.0595	0.0701	0.00229	23.8	0.0287	13.6	0.0011	0.000982	0.00000509	0.00581	0.00127	0.0151	0.0214	0.00000505	19.2	0.0000164	0.000331	0.000294	0.000996
2068 Sep	124	0.0599	0.0687	0.00226	23.5	0.0288	13.4	0.00109	0.000977	0.00000506	0.00582	0.00126	0.015	0.0212	0.00000502	19.1	0.0000163	0.000327	0.00029	0.00099
2068 Oct	123	0.0604	0.068	0.00224	23.4	0.029	13.3	0.00109	0.000977	0.00000506	0.00585	0.00126	0.0149	0.0211	0.00000502	19	0.0000163	0.000326	0.000288	0.00099
2068 Nov	123	0.0607	0.0681	0.00225	23.4	0.0291	13.4	0.00109	0.00098	0.00000507	0.00587	0.00126	0.015	0.0212	0.00000503	19.1	0.0000163	0.000326	0.000289	0.000992
2068 Dec	123	0.0607	0.0681	0.00225	23.4	0.0291	13.4	0.00109	0.00098	0.00000507	0.00587	0.00126	0.015	0.0212	0.00000503	19.1	0.0000163	0.000326	0.000289	0.000993
2069 Jan	123	0.0607	0.0681	0.00225	23.5	0.0291	13.4	0.00109	0.00098	0.00000507	0.00587	0.00126	0.015	0.0212	0.00000503	19.1	0.0000163	0.000326	0.000289	0.000993
2069 Feb	123	0.0608	0.0681	0.00225	23.5	0.0291	13.4	0.00109	0.00098	0.00000508	0.00587	0.00126	0.015	0.0212	0.00000503	19.1	0.0000163	0.000327	0.000289	0.000993
2069 Mar	123	0.0608	0.0682	0.00225	23.5	0.0291	13.4	0.00109	0.000981	0.00000508	0.00587	0.00126	0.015	0.0212	0.00000503	19.1	0.0000163	0.000327	0.000289	0.000994
2069 Apr	123	0.0609	0.0683	0.00225	23.5	0.0292	13.4	0.00109	0.000982	0.00000508	0.00588	0.00127	0.015	0.0213	0.00000504	19.1	0.0000163	0.000327	0.00029	0.000995
2069 May	125	0.0618	0.0692	0.00228	23.8	0.0296	13.6	0.00111	0.000997	0.00000516	0.00597	0.00129	0.0152	0.0216	0.00000512	19.4	0.0000166	0.000332	0.000295	0.00101
2069 Jun	113	0.053	0.0623	0.00211	21.2	0.0273	12.2	0.00106	0.00096	0.00000495	0.00588	0.00119	0.0144	0.0193	0.00000492	17.4	0.0000167	0.000309	0.000258	0.000923
2069 Jul	117	0.0541	0.0659	0.00222	21.9	0.0282	12.8	0.0011	0.00099	0.00000511	0.00604	0.00121	0.0151	0.0195	0.00000508	17.7	0.0000172	0.000318	0.00026	0.000947

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	119	0.0552	0.0671	0.00226	22.4	0.0288	13	0.00112	0.00101	0.00000522	0.00617	0.00124	0.0154	0.0199	0.00000518	18.1	0.0000175	0.000324	0.000265	0.000966
2069 Sep	114	0.0559	0.0635	0.00217	21.5	0.0287	12.5	0.00109	0.000981	0.00000507	0.00607	0.0012	0.0149	0.0192	0.00000503	17.5	0.0000169	0.000311	0.000252	0.000941
2069 Oct	110	0.0593	0.0608	0.00209	20.8	0.0293	12.2	0.00105	0.000949	0.0000049	0.00598	0.00116	0.0145	0.0183	0.00000487	16.8	0.000016	0.000297	0.000234	0.00092
2069 Nov	110	0.0598	0.061	0.00209	20.8	0.0295	12.2	0.00105	0.000949	0.0000049	0.00598	0.00116	0.0146	0.0183	0.00000487	16.8	0.000016	0.000297	0.000233	0.000921
2069 Dec	110	0.06	0.0609	0.00209	20.8	0.0295	12.2	0.00105	0.000949	0.0000049	0.00599	0.00116	0.0146	0.0183	0.00000487	16.8	0.000016	0.000297	0.000233	0.000921
2070 Jan	110	0.06	0.0609	0.00209	20.8	0.0295	12.2	0.00105	0.000949	0.0000049	0.00599	0.00116	0.0146	0.0183	0.00000487	16.8	0.000016	0.000297	0.000233	0.000922
2070 Feb	110	0.0601	0.061	0.00209	20.9	0.0295	12.2	0.00105	0.000949	0.0000049	0.00599	0.00116	0.0146	0.0183	0.00000487	16.8	0.000016	0.000297	0.000233	0.000922
2070 Mar	110	0.0601	0.061	0.0021	20.9	0.0295	12.2	0.00105	0.00095	0.0000049	0.00599	0.00116	0.0146	0.0183	0.00000487	16.8	0.000016	0.000297	0.000234	0.000923
2070 Apr	111	0.0603	0.0612	0.0021	20.9	0.0296	12.3	0.00106	0.000953	0.00000492	0.00601	0.00116	0.0146	0.0184	0.00000489	16.9	0.000016	0.000298	0.000235	0.000927
2070 May	112	0.0612	0.0619	0.00212	21.4	0.0296	12.4	0.00107	0.000963	0.00000497	0.00606	0.0012	0.0147	0.0193	0.00000494	17.6	0.0000163	0.000308	0.00025	0.000947
2070 Jun	118	0.0609	0.0663	0.00217	22.5	0.0282	13.2	0.00107	0.000952	0.00000492	0.00583	0.00126	0.0148	0.0212	0.00000489	19.1	0.0000164	0.000333	0.000291	0.000976
2070 Jul	121	0.0626	0.0685	0.00224	23.2	0.0292	13.6	0.0011	0.000984	0.00000509	0.00603	0.0013	0.0153	0.0218	0.00000506	19.6	0.0000169	0.000343	0.000299	0.00101
2070 Aug	123	0.0636	0.0694	0.00228	23.6	0.0299	13.8	0.00113	0.001	0.00000519	0.00615	0.00133	0.0156	0.0222	0.00000516	20	0.0000172	0.000349	0.000304	0.00103
2070 Sep	118	0.0641	0.0658	0.00219	22.8	0.0299	13.2	0.0011	0.000986	0.00000509	0.00612	0.00129	0.0152	0.0216	0.00000506	19.5	0.0000168	0.000337	0.000292	0.00101
2070 Oct	114	0.0645	0.0625	0.00211	22	0.0298	12.7	0.00107	0.000964	0.00000497	0.00606	0.00126	0.0148	0.0209	0.00000494	18.9	0.0000163	0.000325	0.000278	0.000982
2070 Nov	113	0.065	0.0621	0.0021	21.9	0.03	12.7	0.00107	0.000964	0.00000497	0.00608	0.00125	0.0147	0.0208	0.00000494	18.8	0.0000163	0.000323	0.000276	0.000982
2070 Dec	113	0.065	0.062	0.0021	21.9	0.03	12.7	0.00107	0.000964	0.00000497	0.00608	0.00125	0.0147	0.0208	0.00000494	18.8	0.0000163	0.000323	0.000276	0.000982
2071 Jan	113	0.0651	0.062	0.0021	21.9	0.03	12.7	0.00107	0.000964	0.00000497	0.00608	0.00125	0.0147	0.0208	0.00000494	18.8	0.0000163	0.000323	0.000276	0.000982
2071 Feb	113	0.0651	0.062	0.0021	21.9	0.03	12.7	0.00107	0.000964	0.00000497	0.00608	0.00125	0.0147	0.0209	0.00000494	18.8	0.0000163	0.000323	0.000276	0.000982
2071 Mar	113	0.0651	0.062	0.0021	21.9	0.03	12.7	0.00107	0.000964	0.00000497	0.00608	0.00125	0.0147	0.0209	0.00000494	18.8	0.0000163	0.000324	0.000277	0.000983
2071 Apr	113	0.0652	0.0621	0.0021	21.9	0.03	12.7	0.00107	0.000966	0.00000498	0.00609	0.00126	0.0148	0.0209	0.00000495	18.9	0.0000163	0.000324	0.000277	0.000984
2071 May	114	0.0652	0.0623	0.0021	22.1	0.0298	12.7	0.00107	0.000966	0.00000498	0.00608	0.00127	0.0147	0.0214	0.00000495	19.2	0.0000164	0.000329	0.000286	0.000991
2071 Jun	117	0.0604	0.0675	0.00219	22.3	0.0282	13.4	0.00106	0.000941	0.00000487	0.00578	0.00125	0.0151	0.0207	0.00000484	18.8	0.0000162	0.000336	0.000283	0.000966
2071 Jul	121	0.0611	0.0709	0.00229	22.9	0.029	14	0.0011	0.000965	0.000005	0.0059	0.00127	0.0157	0.0207	0.00000497	18.9	0.0000166	0.000344	0.000282	0.000983
2071 Aug	124	0.0628	0.0727	0.00235	23.5	0.0299	14.4	0.00113	0.000993	0.00000514	0.00606	0.00131	0.0161	0.0213	0.00000511	19.4	0.000017	0.000353	0.00029	0.00101
2071 Sep	119	0.0622	0.0695	0.00226	22.7	0.0296	13.8	0.0011	0.000971	0.00000502	0.00597	0.00128	0.0157	0.0207	0.000005	18.9	0.0000165	0.000342	0.000279	0.000987
2071 Oct	116	0.0621	0.0674	0.00221	22.2	0.0294	13.5	0.00108	0.000957	0.00000495	0.00592	0.00125	0.0154	0.0204	0.00000492	18.5	0.0000163	0.000334	0.000273	0.000971
2071 Nov	115	0.0624	0.0664	0.00219	22	0.0295	13.3	0.00108	0.000954	0.00000493	0.00593	0.00125	0.0153	0.0203	0.00000491	18.4	0.0000162	0.000332	0.00027	0.000969
2071 Dec	115	0.0626	0.0663	0.00218	22	0.0295	13.3	0.00108	0.000954	0.00000493	0.00594	0.00125	0.0153	0.0202	0.00000491	18.4	0.0000162	0.000331	0.00027	0.000969
2072 Jan	115	0.0626	0.0662	0.00218	22	0.0295	13.3	0.00108	0.000954	0.00000493	0.00594	0.00125	0.0153	0.0203	0.00000491	18.4	0.0000162	0.000331	0.00027	0.000969
2072 Feb	115	0.0627	0.0662	0.00218	22	0.0295	13.3	0.00108	0.000954	0.00000493	0.00594	0.00125	0.0153	0.0203	0.00000491	18.5	0.0000162	0.000331	0.00027	0.000969
2072 Mar	115	0.0627	0.0662	0.00218	22	0.0295	13.3	0.00108	0.000955	0.00000493	0.00594	0.00125	0.0153	0.0203	0.00000491	18.5	0.0000162	0.000332	0.00027	0.00097
2072 Apr	115	0.0629	0.0664	0.00219	22.1	0.0296	13.3	0.00108	0.000957	0.00000494	0.00596	0.00125	0.0153	0.0204	0.00000492	18.5	0.0000162	0.000333	0.000271	0.000972
2072 May	117	0.0637	0.0673	0.00222	22.4	0.03	13.5	0.00109	0.00097	0.00000501	0.00604	0.00127	0.0155	0.0206	0.00000499	18.8	0.0000164	0.000337	0.000275	0.000985
2072 Jun	111	0.0568	0.0649	0.00217	20.9	0.0287	12.9	0.00108	0.00096	0.00000496	0.00603	0.00121	0.0153	0.0189	0.00000493	17.3	0.0000168	0.000323	0.000247	0.000931
2072 Jul	112	0.0558	0.0657	0.00221	20.9	0.0292	13	0.0011	0.000976	0.00000504	0.0061	0.00122	0.0156	0.0188	0.00000502	17.2	0.000017	0.000325	0.000243	0.000937
2072 Aug	110	0.0556	0.064	0.00217	20.6	0.0305	12.8	0.0011	0.000975	0.00000503	0.006	0.00121	0.0157	0.0184	0.00000501	17	0.0000159	0.000319	0.000231	0.000929
2072 Sep	109	0.0559	0.0636	0.00216	20.5	0.0309	12.8	0.00109	0.000965	0.00000498	0.00591	0.00119	0.0157	0.018	0.00000496	16.7	0.0000153	0.000315	0.000224	0.000919
2072 Oct	110	0.0584	0.0661	0.00221	20.8	0.0311	13.2	0.00108	0.000948	0.0000049	0.00583	0.00118	0.0159	0.0176	0.00000488	16.5	0.000015	0.000315	0.000218	0.000917
2072 Nov	111	0.0591	0.0664	0.00221	20.8	0.0312	13.3	0.00108	0.000948	0.0000049	0.00584	0.00118	0.016	0.0175	0.00000488	16.5	0.000015	0.000315	0.000217	0.000919
2072 Dec	111	0.0592	0.0663	0.00221	20.8	0.0313	13.3	0.00108	0.000948	0.0000049	0.00584	0.00118	0.016	0.0176	0.00000488	16.5	0.000015	0.000315	0.000217	0.000919
2073 Jan	111	0.0592	0.0663	0.00221	20.8	0.0313	13.3	0.00108	0.000948	0.0000049	0.00584	0.00118	0.016	0.0176	0.00000488	16.5	0.000015	0.000315	0.000217	0.000919
2073 Feb	111	0.0593	0.0663	0.00221	20.8	0.0313	13.3	0.00108	0.000948	0.0000049	0.00584	0.00118	0.016	0.0176	0.00000488	16.5	0.000015	0.000315	0.000218	0.00092
2073 Mar	111	0.0593	0.0663	0.00221	20.8	0.0313	13.3	0.00108	0.000948	0.0000049	0.00585	0.00118	0.016	0.0176	0.00000489	16.5	0.000015	0.000315	0.000218	0.00092
2073 Apr	111	0.0597	0.0667	0.00222	21	0.0314	13.4	0.00109	0.000954	0.00000493	0.00588	0.00119	0.0161	0.0177	0.00000491	16.6	0.0000151	0.000317	0.000219	0.000926
2073 May	114	0.0609	0.0675	0.00223	21.6	0.0309	13.6	0.00109	0.000962	0.00000497	0.00592	0.00125	0.016	0.0194	0.00000496	17.9	0.0000156	0.000334	0.00025	0.000958
2073 Jun	118	0.0607	0.0716	0.00228	22.5	0.0293	14.3	0.00109	0.000947	0.0000049	0.00574	0.0013	0.0161	0.0209	0.00000489	19.1	0.0000159	0.000358	0.000285	0.00098
2073 Jul	122	0.0619	0.0752	0.00237	23.2	0.0302	14.9	0.00112	0.000969	0.00000502	0.00585	0.00132	0.0168	0.021	0.00000501	19.3	0.0000162	0.000367	0.000285	0.001
2073 Aug	124	0.063	0.0765	0.00242	23.6	0.0309	15.2	0.00115	0.00099	0.00000513	0.00597	0.00135	0.0171	0.0214	0.00000512	19.7	0.0000165	0.000374	0.000291	0.00102
2073 Sep	122	0.0627	0.075	0.00238	23.2	0.0307	14.9	0.00113	0.000981	0.00000508	0.00593	0.00133	0.0169	0.0212	0.00000507	19.4	0.0000163	0.000369	0.000286	0.00101
2073 Oct	117	0.0627	0.0709	0.00228	22.3	0.0304	14.2	0.0011	0.000957	0.00000495	0.00586	0.00129	0.0163	0.0205	0.00000494	18.8	0.0000158	0.000354	0.000274	0.000985
2073 Nov	115	0.0632	0.0695	0.00225	22.1	0.0305	14	0.00109	0.000953	0.00000493	0.00588	0.00128	0.0161	0.0204	0.00000492	18.7	0.0000157	0.00035	0.00027	0.00098
2073 Dec	115	0.0633	0.0695	0.00225	22.1	0.0306	14	0.00109	0.000954	0.00000493	0.00589	0.00128	0.0161	0.0204	0.00000492	18.7	0.0000158	0.00035	0.00027	0.000981
2074 Jan	115	0.0634	0.0694	0.00225	22.1	0.0306	14	0.00109	0.000954	0.00000493	0.00589	0.00128	0.0161	0.0204	0.00000492	18.7	0.0000158	0.00035	0.000271	0.000981
2074 Feb	115	0.0634	0.0694	0.00225	22.1	0.0306	14	0.00109	0.000954	0.00000493	0.00589	0.00129	0.0161	0.0204	0.00000492	18.7	0.0000158	0.00035	0.000271	0.000981
2074 Mar	115	0.0634	0.0695	0.00225	22.1	0.0306	14	0.00109	0.000954	0.00000493	0.00589	0.00129	0.0161	0.0204	0.00000492	18.7	0.0000158	0.00035	0.000271	0.000982
2074 Apr	116	0.0637	0.0698	0.00226	22.2	0.0307	14.1	0.0011	0.000959	0.00000496	0.00592	0.00129	0.0162	0.0205	0.00000495	18.8	0.0000158	0.000352	0.000273	0.000987
2074 May	119	0.0646	0.0711	0.00227	22.9	0.0302	14.4	0.00111	0.000966	0.000005	0.00593	0.00135	0.0163	0.0221	0.00000499	20.1	0.0000163	0.00037	0.000303	0.00102
2074 Jun	123	0.0627	0.0783	0.00238	23.6	0.0288	15.5	0.0011	0.000931	0.00000483	0.00555	0.00136	0.0168	0.0223	0.00000483	20.3	0.0000159	0.000391	0.000315	0.00101
2074 Jul	129	0.065	0.0825	0.0025	24.6	0.03	16.3	0.00114	0.000966	0.00000502	0.00575	0.00141	0.0177	0.0229	0.00000502	20.9	0.0000164	0.000406	0.000323	0.00105
2074 Aug	134	0.0677	0.0859	0.00261	25.6	0.0313	17	0.00119	0.00101	0.00000523	0.00599	0.00147	0.0184	0.0238	0.00000523	21.8	0.0000171	0.000423	0.000336	0.00109
2074 Sep	129	0.0675	0.0819	0.00251	24.8	0.031	16.3	0.00116	0.000987	0.00000512	0.00593	0.00143	0.0179	0.0232	0.00000512	21.2	0.0000167	0.000409	0.000324	0.00107
2074 Oct	125	0.0675	0.0786	0.00243	24	0.0309	15.8	0.00114	0.000971	0.00000503	0.0059	0.0014	0.0174	0.0226	0.00000503	20.7	0.0000164	0.000396	0.000313	0.00105
2074 Nov	124	0.0675	0.0779	0.00241	23.9	0.0309	15.7	0.00113	0.000968	0.00000502	0.0059	0.00139	0.0173	0.0225	0.00000501	20.6	0.0000163	0.000394	0.000311	0.00104
2074 Dec	124	0.0676	0.0778	0.00241	23.9	0.0309	15.6	0.00113	0.000967	0.00000502	0.0059	0.00139	0.0173	0.0225	0.00000501	20.6	0.0000163	0.000394	0.000311	0.00104
2075 Jan	124	0.0676	0.0778	0.00241	23.9	0.0309	15.6	0.00113	0.000968	0.00000502	0.0059	0.00139	0.0173	0.0225	0.00000501	20.6	0.0000163	0.000394	0.000311	0.00104
2075 Feb	124	0.0676	0.0778	0.00241	23.9	0.0309	15.6	0.00113	0.000968	0.00000502	0.0059	0.00139	0.0173	0.0225	0.00000501	20.6	0.0000163	0.000394	0.000311	0.00104
2075 Mar	124	0.0677	0.0778	0.00241	23.9	0.0309	15.6	0.00114	0.000969	0.00000502	0.0059	0.00139	0.0173	0.0226	0.00000502	20.6	0.0000163	0.000394	0.000312	0.00105
2075 Apr	125	0.068	0.0782	0.00242	24	0.031	15.7	0.00114	0.000973	0.00000504	0.00593	0.0014	0.0174	0.0227	0.00000504	20.7	0.0000164	0.000396	0.000313	0.00105
2075 May	126	0.0687	0.0788	0.00244	24.3	0.0313	15.8	0.00115	0.000983	0.00000509	0.00599	0.00142	0.0175	0.023	0.00000509	21	0.0000166	0.0004	0.000318	0.00106
2075 Jun	116	0.0577	0.0748	0.00236	21.8	0.0292	14.8	0.00112	0.000951	0.00000493	0.00587	0.00129	0.0171	0.0196	0.00000493	18.2	0.0000167	0.000372	0.000263	0.000961
2075 Jul	119	0.0567	0.0791	0.00247	22.1	0.0298	15.5	0.00115	0.000967	0.00000502	0.00593	0.0013	0.0179	0.0191	0.00000502	17.9	0.000017	0.00038	0.000254	0.000964
2075 Aug	122	0.0578	0.0805	0.00252	22.5	0.0304	15.8	0.00117	0.000986	0.00000512	0.00605	0.00132	0.0183	0.0194	0.00000512	18.3	0.0000173	0.000387	0.000259	0.000983
2075 Sep	122	0.0582	0.0807	0.00253	22.6	0.0306	15.9	0.00117	0.000992	0.00000515	0.00609	0.00133	0.0183	0.0195	0.00000515	18.4	0.0000174	0.000389	0.00026	0.000988
2075 Oct	120	0.0581	0.0794	0.00249	22.3	0.0304	15.6	0.00116	0.000983	0.0000051	0.00605	0.00132	0.0181	0.0193	0.0000051	18.2	0.0000172	0.000384	0.000256	0.000979
2075 Nov	120	0.0587	0.0787	0.00248	22.2	0.0306	15.5	0.00116	0.000984	0.0000051	0.00608	0.00131	0.0181	0.0193	0.0000051	18.2	0.0000172	0.000382	0.000255	0.00098
2075 Dec	119	0.0589	0.0784	0.00247	22.2	0.0306	15.5	0.00116	0.000984	0.0000051	0.00609	0.00131	0.018	0.0193	0.0000051	18.2	0.0000172	0.000382	0.000255	0.00098

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	119	0.059	0.0783	0.00247	22.2	0.0306	15.5	0.00116	0.000984	0.0000051	0.00609	0.00131	0.018	0.0193	0.0000051	18.2	0.0000172	0.000382	0.000255	0.00098
2076 Feb	119	0.059	0.0784	0.00247	22.2	0.0307	15.5	0.00116	0.000984	0.0000051	0.00609	0.00132	0.018	0.0194	0.0000051	18.2	0.0000172	0.000382	0.000255	0.000981
2076 Mar	120	0.0591	0.0784	0.00247	22.3	0.0307	15.5	0.00116	0.000985	0.00000511	0.0061	0.00132	0.0181	0.0194	0.00000511	18.2	0.0000172	0.000382	0.000256	0.000982
2076 Apr	120	0.0592	0.0786	0.00248	22.3	0.0307	15.5	0.00117	0.000987	0.00000512	0.00611	0.00132	0.0181	0.0195	0.00000512	18.3	0.0000172	0.000383	0.000257	0.000985
2076 May	120	0.06	0.0773	0.00245	22.4	0.0306	15.4	0.00117	0.000994	0.00000515	0.00617	0.00135	0.0179	0.0203	0.00000515	18.9	0.0000175	0.000388	0.000271	0.001
2076 Jun	115	0.0565	0.074	0.00232	21.5	0.0283	14.8	0.00111	0.000943	0.00000488	0.00583	0.00131	0.017	0.0203	0.00000489	18.7	0.0000169	0.000382	0.000278	0.000963
2076 Jul	120	0.0578	0.0789	0.00245	22.3	0.0293	15.7	0.00115	0.000965	0.00000501	0.00593	0.00134	0.0179	0.0204	0.00000501	18.9	0.0000172	0.000395	0.000278	0.000986
2076 Aug	124	0.0598	0.0815	0.00253	23.1	0.0304	16.2	0.00119	0.001	0.00000518	0.00614	0.00139	0.0185	0.0211	0.00000519	19.6	0.0000178	0.000408	0.000287	0.00102
2076 Sep	125	0.0603	0.0819	0.00255	23.2	0.0307	16.3	0.00119	0.00101	0.00000522	0.00619	0.0014	0.0186	0.0212	0.00000523	19.7	0.0000179	0.000411	0.000289	0.00103
2076 Oct	120	0.0604	0.0778	0.00244	22.4	0.0304	15.6	0.00116	0.000983	0.00000509	0.00611	0.00136	0.018	0.0206	0.0000051	19.1	0.0000174	0.000395	0.000278	0.001
2076 Nov	118	0.0609	0.0764	0.00241	22.2	0.0304	15.4	0.00115	0.00098	0.00000507	0.00612	0.00135	0.0178	0.0205	0.00000508	19	0.0000173	0.000391	0.000274	0.000998
2076 Dec	118	0.061	0.0763	0.00241	22.2	0.0305	15.4	0.00115	0.00098	0.00000507	0.00612	0.00135	0.0178	0.0205	0.00000508	19	0.0000173	0.00039	0.000274	0.000998
2077 Jan	118	0.061	0.0762	0.00241	22.2	0.0305	15.4	0.00115	0.00098	0.00000507	0.00613	0.00135	0.0178	0.0205	0.00000508	19	0.0000173	0.00039	0.000274	0.000999
2077 Feb	118	0.0611	0.0762	0.00241	22.2	0.0305	15.4	0.00115	0.00098	0.00000507	0.00613	0.00135	0.0178	0.0205	0.00000508	19	0.0000173	0.000391	0.000275	0.000999
2077 Mar	118	0.0611	0.0762	0.00241	22.2	0.0305	15.4	0.00115	0.00098	0.00000508	0.00613	0.00135	0.0178	0.0205	0.00000508	19	0.0000173	0.000391	0.000275	0.001
2077 Apr	119	0.0613	0.0765	0.00242	22.3	0.0306	15.4	0.00116	0.000983	0.00000509	0.00615	0.00135	0.0178	0.0206	0.0000051	19.1	0.0000174	0.000392	0.000276	0.001
2077 May	119	0.0619	0.0758	0.0024	22.4	0.0304	15.3	0.00116	0.000987	0.00000511	0.00617	0.00138	0.0177	0.0214	0.00000511	19.7	0.0000175	0.000397	0.00029	0.00102
2077 Jun	119	0.0599	0.0763	0.00235	22.4	0.0285	15.5	0.00112	0.000945	0.00000489	0.00582	0.00138	0.0173	0.0221	0.0000049	20.1	0.000017	0.000405	0.00031	0.001
2077 Jul	122	0.0614	0.0784	0.00243	23	0.0294	15.9	0.00116	0.000978	0.00000506	0.00603	0.00142	0.0178	0.0227	0.00000507	20.7	0.0000176	0.000417	0.000317	0.00103
2077 Aug	126	0.0634	0.0808	0.0025	23.7	0.0304	16.4	0.0012	0.00101	0.00000523	0.00623	0.00147	0.0184	0.0234	0.00000524	21.4	0.0000182	0.00043	0.000327	0.00107
2077 Sep	118	0.0624	0.0747	0.00235	22.4	0.0299	15.3	0.00114	0.000973	0.00000503	0.00607	0.0014	0.0175	0.0222	0.00000504	20.3	0.0000173	0.000404	0.000307	0.00102
2077 Oct	115	0.0632	0.0723	0.0023	22	0.03	14.9	0.00113	0.000965	0.00000499	0.00608	0.00138	0.0172	0.0219	0.00000499	20	0.0000171	0.000396	0.000299	0.00101
2077 Nov	115	0.0637	0.0719	0.00229	21.9	0.0302	14.9	0.00113	0.000967	0.00000499	0.00611	0.00138	0.0172	0.0219	0.000005	20	0.0000171	0.000395	0.000298	0.00102
2077 Dec	115	0.0638	0.0719	0.00229	21.9	0.0302	14.9	0.00113	0.000967	0.000005	0.00611	0.00138	0.0172	0.0219	0.000005	20	0.0000171	0.000395	0.000298	0.00102
2078 Jan	115	0.0638	0.0719	0.00229	21.9	0.0302	14.9	0.00113	0.000967	0.000005	0.00611	0.00138	0.0172	0.0219	0.00000501	20	0.0000171	0.000395	0.000298	0.00102
2078 Feb	115	0.0639	0.0719	0.00229	21.9	0.0302	14.9	0.00113	0.000968	0.000005	0.00611	0.00138	0.0172	0.0219	0.00000501	20.1	0.0000171	0.000395	0.000299	0.00102
2078 Mar	115	0.0639	0.0719	0.00229	22	0.0303	14.9	0.00113	0.000968	0.000005	0.00611	0.00138	0.0172	0.022	0.00000501	20.1	0.0000171	0.000395	0.000299	0.00102
2078 Apr	116	0.0642	0.0723	0.0023	22.1	0.0304	15	0.00114	0.000973	0.00000503	0.00615	0.00139	0.0173	0.0221	0.00000503	20.2	0.0000172	0.000397	0.000301	0.00102
2078 May	118	0.0647	0.0737	0.00231	22.7	0.0297	15.3	0.00114	0.000973	0.00000503	0.00609	0.00144	0.0173	0.0235	0.00000504	21.3	0.0000174	0.000414	0.000329	0.00105
2078 Jun	124	0.0633	0.0817	0.00246	23.5	0.029	16.7	0.00114	0.000944	0.0000049	0.00576	0.00145	0.0182	0.0232	0.00000492	21.2	0.000017	0.000433	0.000331	0.00104
2078 Jul	129	0.0657	0.0854	0.00257	24.4	0.0303	17.4	0.00119	0.000983	0.0000051	0.00599	0.0015	0.019	0.024	0.00000512	22	0.0000176	0.000451	0.000342	0.00108
2078 Aug	130	0.0665	0.0861	0.0026	24.7	0.0308	17.6	0.0012	0.000997	0.00000518	0.00607	0.00152	0.0192	0.0243	0.00000519	22.3	0.0000178	0.000455	0.000346	0.0011
2078 Sep	130	0.0668	0.0859	0.0026	24.7	0.031	17.6	0.00121	0.001	0.00000519	0.0061	0.00152	0.0192	0.0244	0.00000521	22.3	0.0000178	0.000455	0.000346	0.0011
2078 Oct	127	0.0666	0.0836	0.00254	24.2	0.0308	17.2	0.00119	0.000988	0.00000512	0.00606	0.0015	0.0189	0.0239	0.00000514	21.9	0.0000175	0.000446	0.000338	0.00108
2078 Nov	126	0.067	0.0826	0.00252	24	0.0309	17	0.00118	0.000986	0.00000511	0.00607	0.00149	0.0187	0.0238	0.00000513	21.8	0.0000175	0.000442	0.000335	0.00108
2078 Dec	126	0.0671	0.0825	0.00252	24	0.0309	17	0.00118	0.000986	0.00000511	0.00608	0.00149	0.0187	0.0238	0.00000513	21.8	0.0000175	0.000442	0.000335	0.00108
2079 Jan	126	0.0671	0.0825	0.00252	24	0.0309	17	0.00118	0.000986	0.00000511	0.00608	0.00149	0.0187	0.0238	0.00000513	21.8	0.0000175	0.000442	0.000335	0.00108
2079 Feb	126	0.0671	0.0825	0.00252	24	0.0309	17	0.00118	0.000986	0.00000511	0.00608	0.00149	0.0187	0.0238	0.00000513	21.8	0.0000175	0.000442	0.000335	0.00108
2079 Mar	126	0.0672	0.0825	0.00252	24.1	0.0309	17	0.00118	0.000987	0.00000512	0.00608	0.00149	0.0187	0.0239	0.00000513	21.8	0.0000175	0.000442	0.000336	0.00108
2079 Apr	127	0.0674	0.0828	0.00252	24.1	0.031	17.1	0.00119	0.00099	0.00000513	0.0061	0.0015	0.0188	0.0239	0.00000515	21.9	0.0000176	0.000444	0.000337	0.00109
2079 May	128	0.0682	0.0837	0.00255	24.4	0.0314	17.3	0.0012	0.001	0.0000052	0.00618	0.00152	0.019	0.0243	0.00000521	22.2	0.0000178	0.000449	0.000342	0.0011
2079 Jun	116	0.0569	0.0771	0.00239	21.6	0.0287	15.8	0.00114	0.000952	0.00000493	0.00595	0.00137	0.0181	0.0209	0.00000495	19.3	0.0000175	0.000413	0.000288	0.000986
2079 Jul	119	0.0569	0.0811	0.00249	22	0.0293	16.5	0.00116	0.000961	0.00000498	0.00596	0.00138	0.0188	0.0205	0.00000501	19.1	0.0000176	0.000421	0.000281	0.000991
2079 Aug	122	0.0582	0.0828	0.00255	22.5	0.0302	16.9	0.00119	0.000988	0.00000513	0.00612	0.00142	0.0193	0.021	0.00000515	19.6	0.000018	0.000431	0.000288	0.00102
2079 Sep	118	0.0585	0.0793	0.00247	21.8	0.03	16.3	0.00117	0.00097	0.00000503	0.00607	0.00138	0.0187	0.0205	0.00000505	19.2	0.0000176	0.000417	0.000278	0.000998
2079 Oct	115	0.0587	0.0767	0.0024	21.3	0.0299	15.8	0.00115	0.000957	0.00000495	0.00602	0.00136	0.0183	0.0201	0.00000497	18.8	0.0000173	0.000407	0.000271	0.000984
2079 Nov	113	0.0594	0.0755	0.00238	21.1	0.03	15.6	0.00114	0.000953	0.00000493	0.00603	0.00135	0.0182	0.02	0.00000495	18.7	0.0000171	0.000402	0.000267	0.00098
2079 Dec	113	0.0603	0.0753	0.00237	21.1	0.0303	15.6	0.00114	0.000952	0.00000493	0.00605	0.00135	0.0182	0.0199	0.00000495	18.6	0.0000171	0.000401	0.000265	0.00098
2080 Jan	113	0.0604	0.0753	0.00237	21.1	0.0303	15.6	0.00114	0.000952	0.00000493	0.00605	0.00135	0.0182	0.0199	0.00000495	18.7	0.0000171	0.000401	0.000265	0.000981
2080 Feb	113	0.0604	0.0753	0.00237	21.1	0.0303	15.6	0.00114	0.000952	0.00000493	0.00605	0.00135	0.0182	0.02	0.00000495	18.7	0.0000171	0.000402	0.000266	0.000982
2080 Mar	113	0.0605	0.0753	0.00237	21.2	0.0303	15.6	0.00114	0.000952	0.00000493	0.00605	0.00135	0.0182	0.02	0.00000495	18.7	0.0000171	0.000402	0.000267	0.000983
2080 Apr	114	0.0606	0.0755	0.00238	21.2	0.0304	15.7	0.00114	0.000954	0.00000494	0.00606	0.00135	0.0182	0.0201	0.00000496	18.8	0.0000171	0.000403	0.000267	0.000985
2080 May	115	0.0615	0.0765	0.00241	21.5	0.0308	15.9	0.00116	0.000967	0.00000501	0.00615	0.00137	0.0184	0.0203	0.00000503	19	0.0000173	0.000408	0.000271	0.000999
2080 Jun	113	0.0564	0.077	0.00242	20.7	0.0298	15.8	0.00115	0.000956	0.00000495	0.00607	0.00133	0.0186	0.019	0.00000498	18	0.0000175	0.000403	0.000251	0.00096
2080 Jul	115	0.0552	0.0802	0.0025	21	0.0301	16.4	0.00117	0.000963	0.00000499	0.00606	0.00134	0.0192	0.0187	0.00000502	17.8	0.0000176	0.000411	0.000246	0.000962
2080 Aug	116	0.0554	0.0803	0.00252	21.1	0.0306	16.5	0.00118	0.000976	0.00000506	0.00613	0.00135	0.0193	0.0188	0.00000509	17.9	0.0000176	0.000413	0.000247	0.000974
2080 Sep	113	0.0554	0.0779	0.00246	20.7	0.0306	16	0.00117	0.000966	0.000005	0.00608	0.00133	0.0189	0.0186	0.00000503	17.7	0.0000173	0.000404	0.000242	0.000961
2080 Oct	111	0.0556	0.0761	0.00241	20.4	0.0305	15.7	0.00115	0.000957	0.00000496	0.00605	0.00132	0.0186	0.0184	0.00000498	17.5	0.0000171	0.000397	0.000238	0.000952
2080 Nov	111	0.056	0.0757	0.0024	20.3	0.0305	15.7	0.00115	0.000952	0.00000493	0.00603	0.00131	0.0186	0.0183	0.00000495	17.4	0.000017	0.000395	0.000236	0.000949
2080 Dec	111	0.0562	0.0757	0.0024	20.3	0.0306	15.7	0.00115	0.000952	0.00000493	0.00604	0.00131	0.0186	0.0183	0.00000496	17.4	0.000017	0.000395	0.000236	0.000949
2081 Jan	111	0.0563	0.0757	0.0024	20.3	0.0306	15.7	0.00115	0.000952	0.00000493	0.00604	0.00131	0.0186	0.0183	0.00000496	17.4	0.000017	0.000395	0.000236	0.00095
2081 Feb	111	0.0563	0.0757	0.0024	20.3	0.0306	15.7	0.00115	0.000952	0.00000493	0.00604	0.00131	0.0186	0.0183	0.00000496	17.4	0.000017	0.000395	0.000237	0.00095
2081 Mar	111	0.0563	0.0757	0.0024	20.3	0.0306	15.7	0.00115	0.000953	0.00000493	0.00604	0.00131	0.0186	0.0183	0.00000496	17.5	0.000017	0.000395	0.000237	0.000951
2081 Apr	111	0.0565	0.0759	0.00241	20.4	0.0307	15.7	0.00115	0.000956	0.00000495	0.00606	0.00132	0.0186	0.0184	0.00000497	17.5	0.000017	0.000397	0.000238	0.000954
2081 May	114	0.0583	0.0765	0.00241	21.1	0.0303	16	0.00116	0.000964	0.00000499	0.00609	0.00137	0.0186	0.0201	0.00000501	18.8	0.0000174	0.000413	0.000269	0.000988
2081 Jun	119	0.0588	0.0818	0.0025	21.9	0.0299	17	0.00117	0.000952	0.00000494	0.00593	0.00141	0.0192	0.0208	0.00000497	19.5	0.0000173	0.000435	0.000286	0.001
2081 Jul	125	0.0614	0.0864	0.00264	23	0.0313	17.9	0.00122	0.000997	0.00000518	0.0062	0.00148	0.0203	0.0216	0.00000521	20.3	0.0000182	0.000457	0.000297	0.00105
2081 Aug	130	0.0639	0.0899	0.00275	23.9	0.0327	18.7	0.00127	0.00104	0.00000539	0.00646	0.00154	0.0211	0.0226	0.00000543	21.2	0.0000189	0.000476	0.00031	0.00109
2081 Sep	128	0.0641	0.0884	0.00271	23.7	0.0327	18.4	0.00126	0.00103	0.00000536	0.00645	0.00152	0.0209	0.0224	0.0000054	21	0.0000187	0.00047	0.000306	0.00109
2081 Oct	127	0.0641	0.0875	0.00269	23.5	0.0326	18.3	0.00126	0.00103	0.00000534	0.00643	0.00152	0.0207	0.0222	0.00000537	20.9	0.0000186	0.000466	0.000303	0.00108
2081 Nov	124	0.064	0.0851	0.00263	23	0.0324	17.8	0.00124	0.00102	0.00000526	0.00638	0.00149	0.0203	0.0219	0.0000053	20.5	0.0000184	0.000456	0.000297	0.00107
2081 Dec	124	0.0642	0.0845	0.00262	22.9	0.0324	17.7	0.00123	0.00101	0.00000525	0.00639	0.00149	0.0202	0.0218	0.00000529	20.5	0.0000183	0.000454	0.000295	0.00106
2082 Jan	124	0.0643	0.0844	0.00261	22.9	0.0324	17.7	0.00123	0.00101	0.00000525	0.00639	0.00149	0.0202	0.0218	0.00000529	20.5	0.0000183	0.000454	0.000296	0.00106
2082 Feb	124	0.0644	0.0843	0.00261	22.9	0.0324	17.7	0.00123	0.00101	0.00000525	0.00639	0.00149	0.0202	0.0219	0.00000529	20.5	0.0000183	0.000454	0.000296	0.00107
2082 Mar	124	0.0644	0.0844	0.00261	23	0.0324	17.7	0.00123	0.00101	0.00000526	0.00639	0.00149	0.0202	0.0219	0.00000529	20.5	0.0000183	0.000454	0.000297	0.00107
2082 Apr	124	0.0646	0.0846	0.00262	23	0.0325	17.7	0.00124	0.00102	0.00000527	0.00641	0.00149	0.0203	0.022	0.0000053	20.6	0.0000184	0.000455	0.000298	0.00107
2082 May	126	0.0654	0.0856	0.00265	23.3	0.0329	18	0.00125	0.00103	0.00000533	0.00649	0.00151	0.0205	0.0222	0.00000537	20.9	0.0000186	0.000461	0.000301	0.00108

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	114	0.0545	0.0794	0.0025	20.6	0.0303	16.5	0.00119	0.000977	0.00000506	0.00623	0.00137	0.0196	0.0189	0.0000051	18	0.0000182	0.000424	0.000249	0.00097
2082 Jul	117	0.0527	0.085	0.00263	20.8	0.0304	17.5	0.00121	0.000971	0.00000505	0.00613	0.00136	0.0206	0.0178	0.00000509	17.4	0.0000181	0.000434	0.000233	0.000957
2082 Aug	120	0.054	0.087	0.00269	21.3	0.0313	18	0.00124	0.000997	0.00000518	0.00629	0.00139	0.0211	0.0183	0.00000522	17.8	0.0000186	0.000445	0.000238	0.000982
2082 Sep	120	0.0544	0.0867	0.00269	21.3	0.0315	17.9	0.00124	0.001	0.0000052	0.00632	0.0014	0.0211	0.0183	0.00000524	17.9	0.0000186	0.000445	0.000238	0.000985
2082 Oct	112	0.0556	0.0797	0.00252	20.2	0.0312	16.7	0.00119	0.000969	0.00000502	0.00623	0.00134	0.0199	0.0177	0.00000506	17.2	0.0000178	0.000418	0.000225	0.000954
2082 Nov	112	0.0565	0.0787	0.0025	20.1	0.0314	16.5	0.00119	0.00097	0.00000503	0.00626	0.00133	0.0198	0.0177	0.00000506	17.2	0.0000178	0.000415	0.000224	0.000955
2082 Dec	112	0.0566	0.0786	0.00249	20.1	0.0314	16.5	0.00119	0.00097	0.00000503	0.00627	0.00133	0.0198	0.0177	0.00000506	17.2	0.0000178	0.000415	0.000224	0.000955
2083 Jan	112	0.0566	0.0786	0.00249	20.1	0.0314	16.5	0.00119	0.00097	0.00000503	0.00627	0.00133	0.0198	0.0177	0.00000506	17.2	0.0000178	0.000415	0.000224	0.000956
2083 Feb	112	0.0567	0.0786	0.00249	20.1	0.0314	16.5	0.00119	0.000971	0.00000503	0.00627	0.00133	0.0198	0.0177	0.00000507	17.2	0.0000178	0.000415	0.000225	0.000956
2083 Mar	112	0.0567	0.0786	0.0025	20.1	0.0315	16.5	0.00119	0.000971	0.00000503	0.00628	0.00134	0.0198	0.0178	0.00000507	17.2	0.0000178	0.000416	0.000225	0.000957
2083 Apr	112	0.0569	0.0789	0.0025	20.2	0.0316	16.6	0.00119	0.000975	0.00000505	0.0063	0.00134	0.0199	0.0178	0.00000509	17.3	0.0000178	0.000417	0.000226	0.000961
2083 May	113	0.0582	0.0783	0.00248	20.7	0.0313	16.6	0.0012	0.000982	0.00000508	0.00633	0.00138	0.0197	0.0193	0.00000512	18.4	0.0000181	0.000427	0.000252	0.000987
2083 Jun	117	0.0573	0.0831	0.00254	21.4	0.0299	17.6	0.00118	0.000949	0.00000493	0.00598	0.00142	0.0201	0.0202	0.00000497	19.2	0.0000177	0.000452	0.000277	0.000996
2083 Jul	121	0.0579	0.0868	0.00265	21.9	0.0309	18.3	0.00122	0.000971	0.00000505	0.00608	0.00145	0.0209	0.0202	0.00000509	19.3	0.000018	0.000464	0.000275	0.00101
2083 Aug	119	0.0569	0.0848	0.00261	21.6	0.0315	17.9	0.00122	0.000981	0.00000509	0.0061	0.00145	0.0206	0.0202	0.00000514	19.2	0.0000177	0.000456	0.000272	0.00102
2083 Sep	116	0.0573	0.0822	0.00255	21.2	0.0314	17.5	0.0012	0.000968	0.00000502	0.00606	0.00143	0.0202	0.0198	0.00000506	18.9	0.0000174	0.000445	0.000265	0.001
2083 Oct	114	0.0586	0.0815	0.00253	20.8	0.0315	17.4	0.00118	0.000947	0.00000492	0.00598	0.00139	0.0201	0.0191	0.00000496	18.3	0.0000169	0.000437	0.000251	0.000986
2083 Nov	115	0.0592	0.0822	0.00254	20.9	0.0317	17.6	0.00118	0.000944	0.0000049	0.00598	0.00139	0.0203	0.0189	0.00000495	18.2	0.0000168	0.000438	0.000247	0.000985
2083 Dec	115	0.0594	0.0821	0.00254	20.9	0.0318	17.6	0.00118	0.000944	0.00000491	0.00598	0.00139	0.0203	0.0189	0.00000495	18.2	0.0000168	0.000438	0.000247	0.000986
2084 Jan	115	0.0594	0.0821	0.00254	20.9	0.0318	17.6	0.00118	0.000944	0.00000491	0.00598	0.00139	0.0203	0.0189	0.00000495	18.2	0.0000168	0.000438	0.000248	0.000986
2084 Feb	115	0.0594	0.0821	0.00254	20.9	0.0318	17.6	0.00118	0.000945	0.00000491	0.00598	0.00139	0.0203	0.0189	0.00000495	18.2	0.0000168	0.000438	0.000248	0.000987
2084 Mar	115	0.0595	0.0822	0.00254	20.9	0.0318	17.6	0.00118	0.000945	0.00000491	0.00599	0.00139	0.0203	0.0189	0.00000496	18.2	0.0000168	0.000439	0.000248	0.000988
2084 Apr	115	0.0598	0.0826	0.00255	21	0.032	17.7	0.00119	0.00095	0.00000494	0.00602	0.0014	0.0204	0.019	0.00000498	18.4	0.0000169	0.000441	0.00025	0.000993
2084 May	117	0.061	0.0824	0.00254	21.5	0.0316	17.7	0.00119	0.000959	0.00000498	0.00607	0.00145	0.0203	0.0206	0.00000503	19.5	0.0000173	0.000454	0.000277	0.00102
2084 Jun	121	0.0599	0.0884	0.00264	22.2	0.0305	18.9	0.00119	0.000931	0.00000485	0.00578	0.00148	0.021	0.0209	0.00000491	19.9	0.0000172	0.000481	0.000292	0.00102
2084 Jul	125	0.0614	0.0921	0.00275	22.9	0.0316	19.7	0.00123	0.000959	0.000005	0.00594	0.00152	0.0219	0.0213	0.00000506	20.4	0.0000176	0.000497	0.000297	0.00105
2084 Aug	128	0.0627	0.0939	0.0028	23.3	0.0323	20.1	0.00126	0.000981	0.00000512	0.00608	0.00155	0.0224	0.0218	0.00000517	20.8	0.000018	0.000507	0.000303	0.00108
2084 Sep	126	0.0623	0.0922	0.00276	23	0.0321	19.7	0.00124	0.000972	0.00000506	0.00603	0.00153	0.0221	0.0215	0.00000512	20.6	0.0000178	0.000499	0.000298	0.00106
2084 Oct	122	0.0624	0.0882	0.00266	22.3	0.0318	19	0.00121	0.000954	0.00000497	0.00598	0.00149	0.0214	0.021	0.00000502	20.1	0.0000173	0.000482	0.000288	0.00104
2084 Nov	120	0.0629	0.0864	0.00262	22	0.0319	18.7	0.0012	0.000949	0.00000494	0.00598	0.00148	0.0211	0.0208	0.00000499	19.9	0.0000172	0.000475	0.000284	0.00103
2084 Dec	120	0.0629	0.0863	0.00262	22	0.0319	18.7	0.0012	0.00095	0.00000494	0.00599	0.00148	0.0211	0.0208	0.00000499	19.9	0.0000172	0.000475	0.000284	0.00103
2085 Jan	120	0.063	0.0863	0.00262	22	0.0319	18.7	0.0012	0.00095	0.00000494	0.00599	0.00148	0.0211	0.0208	0.00000499	19.9	0.0000172	0.000475	0.000284	0.00103
2085 Feb	120	0.063	0.0863	0.00262	22	0.0319	18.7	0.0012	0.00095	0.00000494	0.00599	0.00148	0.0211	0.0209	0.00000499	19.9	0.0000172	0.000475	0.000284	0.00104
2085 Mar	120	0.063	0.0863	0.00262	22.1	0.0319	18.7	0.0012	0.00095	0.00000494	0.00599	0.00148	0.0211	0.0209	0.000005	19.9	0.0000172	0.000475	0.000284	0.00104
2085 Apr	120	0.0632	0.0865	0.00262	22.1	0.032	18.7	0.00121	0.000953	0.00000496	0.00601	0.00149	0.0211	0.0209	0.00000501	20	0.0000173	0.000477	0.000285	0.00104
2085 May	120	0.0636	0.085	0.00258	22.2	0.0316	18.5	0.0012	0.000957	0.00000497	0.00604	0.00151	0.0208	0.0219	0.00000502	20.6	0.0000175	0.00048	0.000302	0.00105
2085 Jun	122	0.0631	0.0869	0.00261	22.5	0.031	18.9	0.0012	0.000948	0.00000493	0.00594	0.00153	0.021	0.0224	0.00000499	21	0.0000175	0.000491	0.000314	0.00106
2085 Jul	126	0.0649	0.0894	0.00269	23.2	0.032	19.4	0.00124	0.000979	0.00000509	0.00613	0.00158	0.0217	0.023	0.00000515	21.7	0.0000181	0.000506	0.000323	0.00109
2085 Aug	125	0.0647	0.0888	0.00268	23.1	0.0321	19.3	0.00124	0.00098	0.00000509	0.00613	0.00157	0.0216	0.023	0.00000515	21.6	0.000018	0.000504	0.000321	0.00109
2085 Sep	120	0.0645	0.0841	0.00256	22.2	0.0318	18.4	0.0012	0.000958	0.00000497	0.00605	0.00152	0.0208	0.0223	0.00000503	20.9	0.0000174	0.000482	0.000308	0.00106
2085 Oct	118	0.0646	0.0836	0.00255	21.9	0.0318	18.4	0.00119	0.000944	0.0000049	0.00599	0.00149	0.0207	0.0216	0.00000496	20.4	0.0000171	0.000476	0.000296	0.00104
2085 Nov	119	0.0652	0.0847	0.00258	21.9	0.0322	18.6	0.00119	0.00094	0.00000489	0.00597	0.00149	0.021	0.0211	0.00000494	20.1	0.0000169	0.000476	0.000288	0.00104
2085 Dec	119	0.0653	0.0846	0.00258	21.9	0.0322	18.6	0.00119	0.00094	0.00000489	0.00598	0.00149	0.021	0.0211	0.00000494	20.1	0.0000169	0.000475	0.000288	0.00104
2086 Jan	119	0.0654	0.0846	0.00258	21.9	0.0322	18.6	0.00119	0.00094	0.00000489	0.00598	0.00149	0.021	0.0211	0.00000494	20.1	0.0000169	0.000475	0.000288	0.00104
2086 Feb	119	0.0654	0.0846	0.00258	21.9	0.0322	18.6	0.00119	0.00094	0.00000489	0.00598	0.00149	0.021	0.0212	0.00000494	20.2	0.0000169	0.000476	0.000288	0.00104
2086 Mar	119	0.0654	0.0847	0.00258	21.9	0.0322	18.6	0.00119	0.000941	0.00000489	0.00598	0.00149	0.021	0.0212	0.00000495	20.2	0.0000169	0.000476	0.000288	0.00104
2086 Apr	119	0.0657	0.085	0.00259	22	0.0323	18.7	0.0012	0.000944	0.00000491	0.00601	0.00149	0.021	0.0213	0.00000496	20.3	0.0000017	0.000478	0.00029	0.00105
2086 May	120	0.0665	0.0852	0.0026	22.3	0.0325	18.8	0.00121	0.000955	0.00000496	0.00608	0.00152	0.0211	0.0218	0.00000502	20.7	0.0000173	0.000483	0.000298	0.00106
2086 Jun	122	0.0606	0.0896	0.00269	22	0.0312	19.6	0.00121	0.000936	0.00000488	0.00589	0.0015	0.0219	0.0208	0.00000495	20	0.0000175	0.000498	0.000288	0.00103
2086 Jul	128	0.0614	0.0962	0.00287	22.8	0.0326	21	0.00127	0.000967	0.00000505	0.00605	0.00155	0.0234	0.0206	0.00000512	20.1	0.000018	0.000523	0.000284	0.00106
2086 Aug	127	0.0615	0.0955	0.00286	22.8	0.0332	20.9	0.00128	0.000981	0.00000512	0.00611	0.00156	0.0235	0.0208	0.00000519	20.2	0.000018	0.000521	0.000284	0.00107
2086 Sep	123	0.0605	0.0911	0.00276	22.1	0.0331	20	0.00125	0.000966	0.00000504	0.00602	0.00152	0.0227	0.0203	0.0000051	19.7	0.0000173	0.000503	0.000273	0.00104
2086 Oct	122	0.0607	0.09	0.00273	21.9	0.033	19.8	0.00124	0.000962	0.00000501	0.00601	0.00151	0.0225	0.0202	0.00000508	19.6	0.0000172	0.000498	0.000271	0.00104
2086 Nov	122	0.0609	0.09	0.00273	21.9	0.0331	19.8	0.00124	0.000964	0.00000502	0.00603	0.00151	0.0226	0.0202	0.00000509	19.6	0.0000173	0.000498	0.000271	0.00104
2086 Dec	122	0.0609	0.09	0.00273	21.9	0.0331	19.8	0.00124	0.000964	0.00000502	0.00603	0.00151	0.0226	0.0202	0.00000509	19.7	0.0000173	0.000498	0.000271	0.00104
2087 Jan	122	0.061	0.09	0.00273	21.9	0.0331	19.8	0.00124	0.000964	0.00000502	0.00604	0.00151	0.0226	0.0202	0.00000509	19.7	0.0000173	0.000498	0.000271	0.00104
2087 Feb	122	0.061	0.09	0.00273	21.9	0.0331	19.8	0.00124	0.000964	0.00000502	0.00604	0.00151	0.0226	0.0202	0.00000509	19.7	0.0000173	0.000498	0.000272	0.00104
2087 Mar	122	0.0611	0.09	0.00273	21.9	0.0331	19.8	0.00125	0.000965	0.00000503	0.00604	0.00151	0.0226	0.0203	0.00000509	19.7	0.0000173	0.000499	0.000272	0.00104
2087 Apr	122	0.0612	0.0902	0.00274	22	0.0332	19.8	0.00125	0.000967	0.00000504	0.00605	0.00152	0.0226	0.0203	0.0000051	19.7	0.0000173	0.0005	0.000272	0.00104
2087 May	123	0.0619	0.0896	0.00272	22.2	0.0329	19.8	0.00125	0.00097	0.00000505	0.00607	0.00154	0.0224	0.0212	0.00000511	20.4	0.0000175	0.000505	0.000289	0.00106
2087 Jun	126	0.0631	0.0913	0.00272	22.9	0.0316	20.3	0.00123	0.000949	0.00000495	0.0059	0.00159	0.0224	0.0229	0.00000502	21.7	0.0000176	0.000527	0.000325	0.00108
2087 Jul	128	0.0642	0.093	0.00277	23.3	0.0323	20.7	0.00126	0.00097	0.00000506	0.00602	0.00163	0.0228	0.0233	0.00000513	22.1	0.000018	0.000537	0.000331	0.0011
2087 Aug	131	0.066	0.0955	0.00285	24	0.0333	21.2	0.0013	0.001	0.00000521	0.0062	0.00167	0.0235	0.024	0.00000528	22.8	0.0000185	0.000552	0.00034	0.00114
2087 Sep	132	0.0667	0.0961	0.00287	24.2	0.0336	21.4	0.00131	0.00101	0.00000526	0.00627	0.00169	0.0236	0.0242	0.00000533	22.9	0.0000186	0.000556	0.000342	0.00115
2087 Oct	131	0.0664	0.0946	0.00283	23.9	0.0334	21.1	0.00129	0.001	0.00000521	0.00623	0.00167	0.0234	0.024	0.00000528	22.7	0.0000184	0.000549	0.000338	0.00113
2087 Nov	130	0.0665	0.0937	0.00281	23.7	0.0334	20.9	0.00129	0.000997	0.00000519	0.00622	0.00166	0.0232	0.0238	0.00000526	22.6	0.0000183	0.000544	0.000335	0.00113
2087 Dec	130	0.0666	0.0936	0.00281	23.7	0.0334	20.9	0.00129	0.000997	0.00000519	0.00622	0.00166	0.0232	0.0238	0.00000526	22.6	0.0000183	0.000544	0.000335	0.00113
2088 Jan	130	0.0666	0.0936	0.00281	23.7	0.0334	20.9	0.00129	0.000997	0.00000519	0.00623	0.00166	0.0232	0.0238	0.00000526	22.6	0.0000183	0.000544	0.000335	0.00113
2088 Feb	130	0.0667	0.0936	0.00281	23.7	0.0334	20.9	0.00129	0.000997	0.00000519	0.00623	0.00166	0.0232	0.0239	0.00000526	22.6	0.0000183	0.000544	0.000336	0.00113
2088 Mar	130	0.0667	0.0936	0.00281	23.8	0.0334	20.9	0.00129	0.000998	0.0000052	0.00623	0.00166	0.0232	0.0239	0.00000527	22.6	0.0000184	0.000545	0.000336	0.00113
2088 Apr	131	0.0672	0.0943	0.00283	23.9	0.0337	21	0.0013	0.00101	0.00000524	0.00628	0.00167	0.0234	0.0241	0.00000531	22.8	0.0000185	0.000549	0.000339	0.00114
2088 May	133	0.0683	0.0959	0.00288	24.3	0.0342	21.4	0.00132	0.00102	0.00000532	0.00638	0.0017	0.0237	0.0245	0.00000539	23.2	0.0000188	0.000558	0.000344	0.00116
2088 Jun	118	0.0584	0.0835	0.00259	21.3	0.0315	18.6	0.00125	0.000987	0.00000512	0.00631	0.00154	0.0216	0.0217	0.00000518	20.5	0.0000187	0.000499	0.000297	0.00105
2088 Jul	119	0.0583	0.0843	0.00264	21.4	0.0321	18.8	0.00128	0.00101	0.00000525	0.0065	0.00156	0.0221	0.0218	0.00000532	20.7	0.0000193	0.000506	0.000296	0.00106
2088 Aug	124	0.0611	0.0883	0.00276	22.5	0.0337	19.7	0.00134	0.00106	0.00000551	0.00681	0.00164	0.0231	0.0228	0.00000557	21.6	0.0000202	0.00053	0.00031	0.00111
2088 Sep	125	0.0616	0.0889	0.00278	22.6	0.0339	19.8	0.00135	0.00107	0.00000555	0.00687	0.00165	0.0233	0.023	0.00000562	21.8	0.0000204	0.000533	0.000312	0.00112
2088 Oct	118	0.0615	0.0826	0.00262	21.5	0.0332	18.6	0.00129	0.00103	0.00000534	0.0067	0.00157	0.022	0.022	0.0000054	20.8	0.0000195	0.000503	0.000295	0.00108

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	116	0.0622	0.0806	0.00257	21.2	0.0333	18.2	0.00127	0.00103	0.0000053	0.0067	0.00155	0.0217	0.0218	0.00000537	20.6	0.0000193	0.000494	0.00029	0.00107
2088 Dec	116	0.0623	0.0805	0.00257	21.2	0.0333	18.2	0.00127	0.00103	0.00000531	0.0067	0.00155	0.0217	0.0218	0.00000537	20.6	0.0000193	0.000493	0.00029	0.00107
2089 Jan	116	0.0624	0.0805	0.00257	21.2	0.0333	18.2	0.00127	0.00103	0.00000531	0.00671	0.00155	0.0217	0.0218	0.00000537	20.6	0.0000193	0.000493	0.00029	0.00107
2089 Feb	116	0.0624	0.0805	0.00257	21.2	0.0333	18.2	0.00128	0.00103	0.00000531	0.00671	0.00155	0.0217	0.0218	0.00000537	20.6	0.0000193	0.000494	0.00029	0.00107
2089 Mar	116	0.0625	0.0806	0.00257	21.2	0.0333	18.2	0.00128	0.00103	0.00000531	0.00671	0.00156	0.0217	0.0218	0.00000537	20.7	0.0000193	0.000494	0.000291	0.00107
2089 Apr	117	0.0628	0.081	0.00259	21.3	0.0335	18.3	0.00128	0.00103	0.00000534	0.00674	0.00156	0.0218	0.0219	0.0000054	20.8	0.0000194	0.000496	0.000292	0.00108
2089 May	117	0.0635	0.08	0.00255	21.6	0.033	18.2	0.00128	0.00103	0.00000533	0.00672	0.00159	0.0215	0.023	0.00000539	21.6	0.0000195	0.000501	0.000312	0.00109
2089 Jun	120	0.0641	0.0809	0.00252	22.2	0.0316	18.5	0.00125	0.001	0.00000519	0.00646	0.00163	0.0211	0.0246	0.00000525	22.7	0.0000192	0.000515	0.000346	0.00111
2089 Jul	122	0.065	0.0819	0.00257	22.5	0.0324	18.7	0.00128	0.00103	0.00000531	0.0066	0.00166	0.0215	0.025	0.00000538	23.1	0.0000195	0.000522	0.000351	0.00113
2089 Aug	122	0.0653	0.082	0.00259	22.7	0.0335	18.8	0.0013	0.00105	0.00000544	0.00673	0.00169	0.0217	0.0254	0.00000551	23.4	0.0000196	0.000525	0.000353	0.00115
2089 Sep	121	0.0656	0.081	0.00257	22.6	0.0335	18.6	0.0013	0.00105	0.00000543	0.00673	0.00168	0.0216	0.0253	0.00000549	23.3	0.0000195	0.000521	0.00035	0.00115
2089 Oct	114	0.0661	0.0747	0.00241	21.3	0.0331	17.4	0.00124	0.00101	0.00000522	0.0066	0.00159	0.0204	0.0239	0.00000528	22.1	0.0000186	0.000487	0.000325	0.0011
2089 Nov	113	0.0667	0.074	0.0024	21.2	0.0333	17.3	0.00124	0.00101	0.00000521	0.00661	0.00158	0.0203	0.0238	0.00000527	22	0.0000185	0.000484	0.000322	0.0011
2089 Dec	113	0.0668	0.074	0.0024	21.2	0.0333	17.3	0.00124	0.00101	0.00000522	0.00662	0.00158	0.0203	0.0238	0.00000527	22	0.0000185	0.000484	0.000322	0.0011
2090 Jan	113	0.0668	0.074	0.0024	21.2	0.0333	17.3	0.00124	0.00101	0.00000522	0.00662	0.00158	0.0203	0.0238	0.00000527	22	0.0000185	0.000484	0.000322	0.0011
2090 Feb	113	0.0668	0.074	0.0024	21.3	0.0333	17.3	0.00124	0.00101	0.00000522	0.00662	0.00158	0.0203	0.0238	0.00000527	22	0.0000185	0.000484	0.000323	0.0011
2090 Mar	113	0.0669	0.074	0.0024	21.3	0.0333	17.3	0.00124	0.00101	0.00000522	0.00663	0.00159	0.0203	0.0238	0.00000528	22	0.0000186	0.000484	0.000323	0.0011
2090 Apr	114	0.0671	0.0742	0.00241	21.3	0.0334	17.3	0.00124	0.00102	0.00000524	0.00665	0.00159	0.0204	0.0239	0.00000529	22.1	0.0000186	0.000486	0.000324	0.00111
2090 May	115	0.0677	0.0749	0.00242	21.6	0.0337	17.5	0.00125	0.00102	0.00000528	0.0067	0.00161	0.0205	0.0242	0.00000534	22.3	0.0000188	0.000491	0.000329	0.00112
2090 Jun	123	0.0636	0.0868	0.00267	22.3	0.0324	19.9	0.00127	0.00099	0.00000514	0.00633	0.00163	0.0225	0.0234	0.00000521	22	0.0000188	0.000531	0.000326	0.0011
2090 Jul	128	0.0653	0.0916	0.0028	23.1	0.0336	21	0.00131	0.00102	0.00000529	0.00648	0.00168	0.0236	0.0237	0.00000537	22.5	0.0000193	0.000552	0.000331	0.00113
2090 Aug	121	0.0627	0.0854	0.00266	21.9	0.034	19.7	0.00127	0.000997	0.00000517	0.00628	0.00161	0.0227	0.0225	0.00000525	21.5	0.0000178	0.000521	0.000306	0.00109
2090 Sep	120	0.0647	0.0856	0.00266	21.8	0.0346	19.9	0.00127	0.000989	0.00000514	0.00628	0.00159	0.0229	0.022	0.00000521	21.1	0.0000175	0.000519	0.000295	0.00108
2090 Oct	121	0.0674	0.0875	0.00271	21.9	0.0353	20.4	0.00127	0.000977	0.00000508	0.00627	0.00158	0.0234	0.0212	0.00000516	20.7	0.0000173	0.000522	0.000282	0.00108
2090 Nov	121	0.0679	0.0887	0.00273	21.9	0.0355	20.7	0.00127	0.000972	0.00000506	0.00625	0.00158	0.0237	0.021	0.00000514	20.5	0.0000172	0.000526	0.000278	0.00108
2090 Dec	121	0.0681	0.0885	0.00273	21.9	0.0355	20.7	0.00127	0.000972	0.00000506	0.00625	0.00158	0.0236	0.021	0.00000514	20.5	0.0000172	0.000525	0.000278	0.00108
2091 Jan	121	0.0681	0.0885	0.00273	21.9	0.0355	20.7	0.00127	0.000972	0.00000506	0.00625	0.00158	0.0236	0.021	0.00000514	20.6	0.0000172	0.000525	0.000278	0.00108
2091 Feb	121	0.0681	0.0885	0.00273	21.9	0.0355	20.7	0.00127	0.000972	0.00000506	0.00626	0.00158	0.0236	0.021	0.00000514	20.6	0.0000172	0.000526	0.000278	0.00108
2091 Mar	121	0.0682	0.0887	0.00273	22	0.0355	20.7	0.00127	0.000974	0.00000507	0.00626	0.00158	0.0237	0.0211	0.00000515	20.6	0.0000173	0.000526	0.000279	0.00108
2091 Apr	122	0.0686	0.0891	0.00275	22.1	0.0357	20.8	0.00128	0.000979	0.0000051	0.0063	0.00159	0.0238	0.0212	0.00000518	20.7	0.0000173	0.000529	0.000281	0.00109
2091 May	123	0.0694	0.0895	0.00276	22.4	0.0358	20.9	0.00129	0.000991	0.00000516	0.00637	0.00162	0.0239	0.022	0.00000524	21.3	0.0000177	0.000537	0.000294	0.00111
2091 Jun	124	0.0665	0.0907	0.00276	22.7	0.0339	21.3	0.00129	0.000978	0.00000509	0.00622	0.00167	0.0239	0.0232	0.00000518	22.3	0.0000182	0.000561	0.000324	0.00112
2091 Jul	130	0.0692	0.0952	0.00289	23.7	0.0354	22.3	0.00135	0.00102	0.00000533	0.0065	0.00174	0.0251	0.0242	0.00000542	23.2	0.000019	0.000587	0.000336	0.00117
2091 Aug	126	0.0679	0.0918	0.00281	23.1	0.0355	21.6	0.00133	0.00102	0.00000528	0.00644	0.00171	0.0246	0.0237	0.00000537	22.7	0.0000184	0.000571	0.000326	0.00115
2091 Sep	122	0.0667	0.0876	0.00272	22.5	0.0355	20.7	0.0013	0.00101	0.00000522	0.00635	0.00167	0.0239	0.0232	0.00000531	22.2	0.0000178	0.000551	0.000315	0.00112
2091 Oct	120	0.0668	0.0864	0.00268	22	0.0352	20.5	0.00128	0.000986	0.00000512	0.00627	0.00163	0.0236	0.0225	0.00000521	21.6	0.0000174	0.000541	0.000303	0.0011
2091 Nov	119	0.0682	0.0872	0.0027	21.9	0.0356	20.7	0.00128	0.000976	0.00000508	0.00625	0.00162	0.0239	0.0218	0.00000516	21.2	0.0000172	0.00054	0.000292	0.0011
2091 Dec	119	0.0684	0.0872	0.0027	21.9	0.0357	20.7	0.00128	0.000976	0.00000508	0.00626	0.00162	0.0239	0.0218	0.00000516	21.2	0.0000172	0.00054	0.000291	0.0011
2092 Jan	119	0.0685	0.0872	0.0027	21.9	0.0357	20.8	0.00128	0.000976	0.00000508	0.00626	0.00162	0.0239	0.0218	0.00000516	21.2	0.0000172	0.00054	0.000292	0.0011
2092 Feb	119	0.0685	0.0872	0.0027	22	0.0357	20.8	0.00128	0.000977	0.00000508	0.00626	0.00162	0.0239	0.0219	0.00000517	21.3	0.0000172	0.00054	0.000292	0.0011
2092 Mar	120	0.0686	0.0873	0.0027	22	0.0358	20.8	0.00128	0.000978	0.00000509	0.00627	0.00162	0.0239	0.0219	0.00000517	21.3	0.0000172	0.000541	0.000293	0.0011
2092 Apr	120	0.069	0.0877	0.00272	22.1	0.0359	20.9	0.00129	0.000983	0.00000511	0.0063	0.00163	0.024	0.022	0.0000052	21.4	0.0000173	0.000544	0.000294	0.0011
2092 May	122	0.0697	0.0882	0.00273	22.5	0.0359	21	0.0013	0.000992	0.00000516	0.00636	0.00166	0.0241	0.0228	0.00000525	22	0.0000176	0.000553	0.000309	0.00112
2092 Jun	124	0.064	0.0951	0.00284	22.4	0.0337	22.6	0.00129	0.000943	0.00000494	0.00595	0.00167	0.0253	0.0221	0.00000504	21.7	0.0000176	0.000587	0.000309	0.0011
2092 Jul	126	0.0636	0.0986	0.00294	22.6	0.0344	23.4	0.00132	0.000952	0.00000499	0.00598	0.00169	0.0262	0.0217	0.0000051	21.5	0.0000178	0.0006	0.000301	0.0011
2092 Aug	130	0.0655	0.101	0.00302	23.3	0.0355	24	0.00136	0.000983	0.00000515	0.00617	0.00174	0.0269	0.0223	0.00000526	22.1	0.0000183	0.000617	0.00031	0.00114
2092 Sep	128	0.0653	0.1	0.003	23.1	0.0355	23.8	0.00135	0.00098	0.00000513	0.00615	0.00173	0.0267	0.0222	0.00000524	22	0.0000181	0.000611	0.000307	0.00113
2092 Oct	127	0.0651	0.0984	0.00295	22.8	0.0352	23.4	0.00134	0.000971	0.00000508	0.00611	0.00171	0.0264	0.022	0.00000519	21.7	0.0000179	0.000602	0.000303	0.00112
2092 Nov	126	0.0653	0.0976	0.00293	22.7	0.0353	23.3	0.00133	0.00097	0.00000508	0.00612	0.0017	0.0262	0.0219	0.00000518	21.7	0.0000179	0.000599	0.000301	0.00112
2092 Dec	126	0.0654	0.0975	0.00293	22.7	0.0353	23.2	0.00133	0.000971	0.00000508	0.00613	0.0017	0.0262	0.0219	0.00000519	21.7	0.0000179	0.000598	0.000301	0.00112
2093 Jan	126	0.0655	0.0975	0.00293	22.7	0.0353	23.2	0.00133	0.000971	0.00000508	0.00613	0.0017	0.0262	0.0219	0.00000519	21.7	0.0000179	0.000598	0.000301	0.00112
2093 Feb	126	0.0655	0.0975	0.00293	22.7	0.0353	23.2	0.00133	0.000971	0.00000508	0.00613	0.0017	0.0262	0.0219	0.00000519	21.7	0.0000179	0.000599	0.000302	0.00112
2093 Mar	126	0.0656	0.0977	0.00294	22.8	0.0354	23.3	0.00133	0.000973	0.00000509	0.00614	0.0017	0.0263	0.022	0.0000052	21.7	0.0000179	0.0006	0.000303	0.00112
2093 Apr	127	0.066	0.0982	0.00295	22.9	0.0356	23.4	0.00134	0.000978	0.00000512	0.00617	0.00171	0.0264	0.0221	0.00000522	21.8	0.000018	0.000603	0.000304	0.00112
2093 May	127	0.0667	0.0974	0.00294	23.1	0.0355	23.3	0.00135	0.000987	0.00000516	0.00624	0.00173	0.0262	0.0228	0.00000527	22.4	0.0000183	0.000606	0.000316	0.00114
2093 Jun	125	0.0645	0.0948	0.00284	22.7	0.0334	22.8	0.0013	0.000951	0.00000497	0.006	0.00172	0.0254	0.0233	0.00000508	22.6	0.0000181	0.000602	0.000331	0.00112
2093 Jul	130	0.0664	0.0991	0.00296	23.5	0.0347	23.8	0.00135	0.000982	0.00000514	0.00618	0.00178	0.0265	0.0238	0.00000525	23.2	0.0000186	0.000626	0.000338	0.00116
2093 Aug	133	0.0678	0.101	0.00303	24	0.0356	24.3	0.00138	0.00101	0.00000527	0.00633	0.00182	0.0271	0.0244	0.00000538	23.7	0.000019	0.000639	0.000345	0.00118
2093 Sep	132	0.068	0.0999	0.003	23.8	0.0356	24.1	0.00137	0.001	0.00000525	0.00633	0.0018	0.0269	0.0243	0.00000536	23.6	0.0000189	0.000633	0.000342	0.00118
2093 Oct	122	0.0681	0.091	0.00278	22.3	0.0348	22.1	0.0013	0.000963	0.00000502	0.0062	0.00169	0.0251	0.0228	0.00000513	22.2	0.0000179	0.000584	0.000315	0.00112
2093 Nov	120	0.0691	0.0896	0.00275	22	0.0351	21.9	0.00129	0.000955	0.00000498	0.0062	0.00167	0.0249	0.0223	0.00000508	21.7	0.0000177	0.000575	0.000304	0.00111
2093 Dec	120	0.0693	0.0895	0.00275	22	0.0352	21.9	0.00129	0.000956	0.00000498	0.00621	0.00167	0.0249	0.0223	0.00000509	21.7	0.0000177	0.000574	0.000304	0.00111
2094 Jan	120	0.0693	0.0895	0.00275	22	0.0352	21.9	0.00129	0.000956	0.00000499	0.00622	0.00167	0.0249	0.0223	0.00000509	21.8	0.0000177	0.000575	0.000304	0.00111
2094 Feb	120	0.0694	0.0895	0.00275	22	0.0352	21.9	0.00129	0.000956	0.00000499	0.00622	0.00167	0.0249	0.0223	0.00000509	21.8	0.0000177	0.000575	0.000305	0.00111
2094 Mar	121	0.0695	0.0896	0.00275	22	0.0352	21.9	0.00129	0.000957	0.00000499	0.00622	0.00167	0.0249	0.0224	0.00000509	21.8	0.0000177	0.000575	0.000305	0.00111
2094 Apr	121	0.0697	0.0899	0.00276	22.1	0.0353	22	0.00129	0.00096	0.00000501	0.00624	0.00168	0.025	0.0224	0.00000511	21.9	0.0000177	0.000577	0.000306	0.00112
2094 May	123	0.0698	0.0913	0.00278	22.5	0.0351	22.4	0.0013	0.000962	0.00000502	0.00622	0.00171	0.0252	0.0232	0.00000512	22.5	0.0000179	0.00059	0.000321	0.00113
2094 Jun	130	0.0699	0.0978	0.00292	23.5	0.0348	23.9	0.00133	0.000966	0.00000506	0.00615	0.00179	0.0264	0.0245	0.00000517	23.7	0.0000184	0.00063	0.000349	0.00117
2094 Jul	136	0.0733	0.103	0.00307	24.7	0.0366	25.1	0.0014	0.00101	0.00000531	0.00646	0.00188	0.0277	0.0257	0.00000543	24.9	0.0000193	0.000661	0.000366	0.00123
2094 Aug	143	0.0771	0.108	0.00322	26	0.0385	26.4	0.00147	0.00107	0.00000559	0.0068	0.00198	0.0291	0.027	0.00000571	26.1	0.0000203	0.000695	0.000384	0.00129
2094 Sep	141	0.077	0.106	0.00318	25.6	0.0383	26	0.00146	0.00106	0.00000554	0.00677	0.00195	0.0287	0.0267	0.00000567	25.8	0.0000201	0.000685	0.000379	0.00128
2094 Oct	134	0.0761	0.0987	0.003	24.4	0.0375	24.3	0.0014	0.00103	0.00000536	0.00664	0.00186	0.0272	0.0255	0.00000547	24.7	0.0000193	0.000645	0.000358	0.00123
2094 Nov	126	0.0757	0.0916	0.00282	23.2	0.0368	22.8	0.00134	0.000997	0.00000519	0.00654	0.00178	0.0257	0.0244	0.0000053	23.6	0.0000186	0.000606	0.000337	0.00118
2094 Dec	125	0.0758	0.0907	0.0028	23	0.0367	22.6	0.00133	0.000994	0.00000518	0.00654	0.00177	0.0255	0.0243	0.00000528	23.5	0.0000185	0.000602	0.000335	0.00118
2095 Jan	125	0.0759	0.0906	0.0028	23	0.0368	22.6	0.00133	0.000995	0.00000518	0.00655	0.00177	0.0255	0.0243	0.00000528	23.5	0.0000185	0.000601	0.000335	0.00118
2095 Feb	125	0.0759	0.0906	0.0028	23	0.0367	22.6	0.00133	0.000995	0.00000518	0.00655	0.00177	0.0255	0.0244	0.00000529	23.5	0.0000185	0.000602	0.000335	0.00118
2095 Mar	125	0.076	0.0906	0.0028	23.1	0.0368	22.6	0.00133	0.000995	0.00000518	0.00655	0.00177	0.0255	0.0244	0.00000529	23.5	0.0000185	0.000602	0.000336	0.00118

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	126	0.0763	0.091	0.00281	23.2	0.0369	22.7	0.00134	0.001	0.00000521	0.00658	0.00178	0.0256	0.0245	0.00000531	23.6	0.0000186	0.000605	0.000338	0.00119
2095 May	125	0.0758	0.0898	0.00277	23.2	0.0363	22.4	0.00133	0.000997	0.00000519	0.00655	0.00178	0.0253	0.025	0.00000529	23.9	0.0000186	0.000603	0.000347	0.00119
2095 Jun	126	0.0752	0.0897	0.00276	23.4	0.0357	22.4	0.00133	0.001	0.0000052	0.00654	0.00181	0.0251	0.026	0.0000053	24.6	0.0000189	0.000611	0.000366	0.0012
2095 Jul	132	0.0786	0.0937	0.00289	24.5	0.0373	23.4	0.00139	0.00105	0.00000545	0.00685	0.00189	0.0263	0.0272	0.00000556	25.8	0.0000198	0.000639	0.000383	0.00126
2095 Aug	130	0.0777	0.0923	0.00285	24.2	0.0371	23.1	0.00138	0.00104	0.0000054	0.00678	0.00187	0.0259	0.0268	0.0000055	25.5	0.0000195	0.00063	0.000377	0.00124
2095 Sep	129	0.0773	0.0909	0.00282	24	0.0371	22.8	0.00137	0.00103	0.00000538	0.00676	0.00185	0.0257	0.0266	0.00000548	25.2	0.0000193	0.000623	0.000373	0.00123
2095 Oct	128	0.0772	0.0904	0.0028	23.9	0.037	22.6	0.00137	0.00103	0.00000536	0.00674	0.00185	0.0256	0.0265	0.00000547	25.2	0.0000192	0.00062	0.000371	0.00123
2095 Nov	126	0.0768	0.0882	0.00275	23.5	0.0367	22.2	0.00135	0.00102	0.0000053	0.00669	0.00182	0.0251	0.0261	0.0000054	24.7	0.000019	0.000607	0.000364	0.00121
2095 Dec	125	0.077	0.0874	0.00273	23.3	0.0367	22	0.00134	0.00102	0.00000529	0.0067	0.00181	0.0249	0.026	0.00000539	24.6	0.0000189	0.000603	0.000361	0.00121
2096 Jan	125	0.0771	0.0873	0.00273	23.3	0.0367	22	0.00134	0.00102	0.00000529	0.0067	0.00181	0.0249	0.026	0.00000539	24.6	0.0000189	0.000602	0.000361	0.00121
2096 Feb	125	0.0772	0.0873	0.00273	23.3	0.0367	22	0.00134	0.00102	0.00000529	0.0067	0.00181	0.0249	0.026	0.00000539	24.7	0.0000189	0.000603	0.000362	0.00121
2096 Mar	125	0.0772	0.0873	0.00273	23.4	0.0368	22	0.00134	0.00102	0.0000053	0.00671	0.00181	0.0249	0.0261	0.0000054	24.7	0.0000189	0.000603	0.000362	0.00121
2096 Apr	126	0.0775	0.0877	0.00274	23.5	0.0369	22.1	0.00135	0.00102	0.00000532	0.00673	0.00182	0.025	0.0262	0.00000542	24.8	0.000019	0.000606	0.000364	0.00122
2096 May	126	0.0778	0.0868	0.00272	23.6	0.0367	21.9	0.00135	0.00103	0.00000534	0.00677	0.00183	0.0248	0.0267	0.00000544	25.2	0.0000192	0.000606	0.000373	0.00122
2096 Jun	124	0.0659	0.0926	0.00284	22.1	0.0345	23.1	0.00133	0.000971	0.00000507	0.00632	0.00173	0.0261	0.0228	0.00000518	22.3	0.0000188	0.00061	0.000318	0.00113
2096 Jul	132	0.0676	0.101	0.00307	23.1	0.0363	25.1	0.0014	0.001	0.00000524	0.00647	0.0018	0.0282	0.0229	0.00000537	22.8	0.0000194	0.00065	0.000319	0.00117
2096 Aug	137	0.0703	0.105	0.0032	24	0.0377	26.1	0.00145	0.00104	0.00000545	0.00673	0.00188	0.0293	0.0239	0.00000559	23.7	0.0000202	0.000676	0.000331	0.00121
2096 Sep	133	0.0703	0.101	0.00309	23.4	0.0374	25.2	0.00142	0.00103	0.00000536	0.00668	0.00183	0.0284	0.0233	0.00000549	23.2	0.0000198	0.000653	0.000321	0.00119
2096 Oct	123	0.0702	0.0916	0.00285	21.9	0.0365	23.1	0.00134	0.000986	0.00000515	0.00655	0.00172	0.0264	0.0221	0.00000526	21.9	0.0000188	0.000603	0.000298	0.00113
2096 Nov	122	0.0704	0.0905	0.00283	21.8	0.0364	22.9	0.00134	0.000984	0.00000513	0.00655	0.00171	0.0262	0.022	0.00000524	21.8	0.0000187	0.000597	0.000296	0.00113
2096 Dec	122	0.0705	0.0904	0.00283	21.7	0.0365	22.8	0.00134	0.000984	0.00000513	0.00655	0.00171	0.0262	0.022	0.00000524	21.8	0.0000187	0.000597	0.000296	0.00113
2097 Jan	122	0.0705	0.0904	0.00283	21.7	0.0365	22.8	0.00134	0.000984	0.00000513	0.00655	0.00171	0.0262	0.022	0.00000524	21.8	0.0000187	0.000597	0.000296	0.00113
2097 Feb	122	0.0705	0.0904	0.00283	21.8	0.0365	22.8	0.00134	0.000984	0.00000513	0.00655	0.00171	0.0262	0.022	0.00000524	21.8	0.0000187	0.000597	0.000296	0.00113
2097 Mar	122	0.0706	0.0904	0.00283	21.8	0.0365	22.8	0.00134	0.000985	0.00000513	0.00655	0.00171	0.0262	0.0221	0.00000525	21.8	0.0000187	0.000597	0.000296	0.00113
2097 Apr	123	0.071	0.0909	0.00284	21.9	0.0367	23	0.00134	0.00099	0.00000516	0.00659	0.00172	0.0263	0.0222	0.00000527	21.9	0.0000188	0.0006	0.000298	0.00114
2097 May	124	0.0718	0.0912	0.00285	22.2	0.0369	23.1	0.00135	0.001	0.00000522	0.00666	0.00174	0.0264	0.0228	0.00000533	22.4	0.000019	0.000606	0.000307	0.00115
2097 Jun	126	0.0703	0.0916	0.00284	22.5	0.0355	23.2	0.00134	0.000991	0.00000516	0.00652	0.00178	0.0262	0.024	0.00000528	23.3	0.0000192	0.000619	0.000335	0.00116
2097 Jul	132	0.0733	0.0961	0.00298	23.5	0.0372	24.3	0.00141	0.00104	0.0000054	0.00681	0.00186	0.0275	0.025	0.00000552	24.3	0.0000201	0.000649	0.000348	0.00122
2097 Aug	135	0.075	0.0983	0.00304	24.1	0.0381	24.9	0.00144	0.00106	0.00000554	0.00698	0.0019	0.0281	0.0256	0.00000566	24.9	0.0000205	0.000664	0.000356	0.00124
2097 Sep	136	0.0756	0.099	0.00307	24.3	0.0384	25.1	0.00145	0.00107	0.00000558	0.00704	0.00192	0.0283	0.0258	0.0000057	25.1	0.0000207	0.000669	0.000359	0.00125
2097 Oct	133	0.0751	0.0971	0.00302	23.9	0.038	24.6	0.00143	0.00106	0.00000552	0.00697	0.00189	0.0279	0.0255	0.00000564	24.7	0.0000204	0.000657	0.000353	0.00124
2097 Nov	131	0.0749	0.0951	0.00296	23.6	0.0378	24.2	0.00142	0.00105	0.00000546	0.00693	0.00186	0.0274	0.0251	0.00000558	24.4	0.0000202	0.000646	0.000347	0.00122
2097 Dec	130	0.075	0.0943	0.00294	23.4	0.0378	24	0.00141	0.00105	0.00000545	0.00693	0.00185	0.0272	0.025	0.00000556	24.3	0.0000201	0.000641	0.000345	0.00122
2098 Jan	130	0.0751	0.0941	0.00294	23.4	0.0378	24	0.00141	0.00105	0.00000544	0.00693	0.00185	0.0272	0.025	0.00000556	24.3	0.0000201	0.000641	0.000345	0.00122
2098 Feb	130	0.0751	0.0941	0.00294	23.4	0.0378	24	0.00141	0.00105	0.00000544	0.00693	0.00186	0.0272	0.0251	0.00000556	24.3	0.0000201	0.000641	0.000346	0.00122
2098 Mar	130	0.0752	0.0941	0.00294	23.5	0.0378	24	0.00141	0.00105	0.00000545	0.00693	0.00186	0.0272	0.0251	0.00000556	24.3	0.0000201	0.000641	0.000346	0.00122
2098 Apr	131	0.0754	0.0944	0.00295	23.5	0.0379	24	0.00141	0.00105	0.00000546	0.00695	0.00186	0.0273	0.0252	0.00000558	24.4	0.0000201	0.000643	0.000347	0.00123
2098 May	129	0.0748	0.091	0.00285	23.5	0.0367	23.3	0.00139	0.00104	0.00000542	0.00689	0.00187	0.0263	0.0263	0.00000553	25.1	0.0000202	0.000636	0.000369	0.00123
2098 Jun	131	0.071	0.0956	0.00291	23.5	0.0349	24.5	0.00136	0.000982	0.00000513	0.00637	0.00186	0.0269	0.0258	0.00000526	24.8	0.0000193	0.000656	0.000371	0.0012
2098 Jul	138	0.0745	0.102	0.00308	24.7	0.0368	26	0.00143	0.00103	0.00000539	0.00669	0.00196	0.0285	0.0269	0.00000553	26	0.0000203	0.000694	0.000387	0.00126
2098 Aug	137	0.0744	0.101	0.00306	24.6	0.037	25.8	0.00143	0.00104	0.00000541	0.0067	0.00195	0.0284	0.0269	0.00000554	25.9	0.0000202	0.000689	0.000384	0.00126
2098 Sep	129	0.0729	0.0928	0.00286	23.2	0.0361	23.9	0.00136	0.000997	0.0000052	0.00651	0.00184	0.0267	0.0254	0.00000532	24.5	0.0000191	0.000643	0.000358	0.0012
2098 Oct	126	0.0735	0.0914	0.00283	22.6	0.0364	23.7	0.00134	0.000976	0.00000509	0.00644	0.00179	0.0266	0.0242	0.00000521	23.6	0.0000186	0.000629	0.000336	0.00117
2098 Nov	126	0.0744	0.0927	0.00287	22.6	0.0369	24.1	0.00135	0.000975	0.00000509	0.00646	0.00179	0.027	0.0238	0.00000521	23.3	0.0000185	0.000632	0.000328	0.00117
2098 Dec	126	0.0745	0.0926	0.00287	22.6	0.037	24.1	0.00135	0.000975	0.00000509	0.00646	0.00179	0.027	0.0238	0.00000522	23.3	0.0000185	0.000632	0.000328	0.00117
2099 Jan	126	0.0746	0.0925	0.00287	22.6	0.037	24.1	0.00135	0.000976	0.00000509	0.00646	0.00179	0.027	0.0238	0.00000522	23.3	0.0000185	0.000632	0.000328	0.00117
2099 Feb	126	0.0746	0.0925	0.00287	22.6	0.037	24.1	0.00135	0.000976	0.0000051	0.00647	0.0018	0.027	0.0238	0.00000522	23.4	0.0000185	0.000632	0.000329	0.00117
2099 Mar	127	0.0748	0.0927	0.00287	22.7	0.037	24.1	0.00135	0.000977	0.0000051	0.00648	0.0018	0.027	0.0239	0.00000523	23.4	0.0000185	0.000633	0.000329	0.00118
2099 Apr	127	0.0753	0.0933	0.00289	22.8	0.0373	24.3	0.00136	0.000984	0.00000514	0.00652	0.00181	0.0272	0.0241	0.00000526	23.6	0.0000186	0.000637	0.000332	0.00118
2099 May	129	0.0745	0.0942	0.00288	23.4	0.036	24.6	0.00135	0.000976	0.0000051	0.00639	0.00186	0.0271	0.0256	0.00000523	24.8	0.0000189	0.000657	0.000365	0.00121
2099 Jun	133	0.0731	0.0989	0.00299	23.7	0.0359	25.8	0.00137	0.000969	0.00000508	0.00629	0.00189	0.0282	0.0255	0.00000521	24.8	0.000019	0.000681	0.000365	0.00121
2099 Jul	137	0.0753	0.102	0.00309	24.4	0.0373	26.6	0.00143	0.00101	0.00000528	0.00653	0.00196	0.0292	0.0263	0.00000542	25.6	0.0000197	0.000704	0.000377	0.00125
2099 Aug	141	0.0776	0.105	0.00318	25.2	0.0386	27.3	0.00147	0.00104	0.00000545	0.00674	0.00202	0.03	0.0271	0.00000559	26.4	0.0000202	0.000724	0.000388	0.00129
2099 Sep	136	0.0762	0.101	0.00307	24.4	0.0379	26.3	0.00143	0.00102	0.00000533	0.00662	0.00195	0.029	0.0263	0.00000547	25.6	0.0000196	0.000698	0.000374	0.00126
2099 Oct	131	0.0754	0.096	0.00295	23.6	0.0373	25.2	0.00139	0.000996	0.00000521	0.00652	0.00189	0.028	0.0255	0.00000534	24.8	0.0000191	0.00067	0.00036	0.00122
2099 Nov	127	0.0755	0.0923	0.00286	23	0.0371	24.3	0.00136	0.000983	0.00000513	0.0065	0.00184	0.0272	0.025	0.00000526	24.3	0.0000187	0.000649	0.000348	0.0012
2099 Dec	127	0.0757	0.0921	0.00286	22.9	0.0371	24.3	0.00136	0.000984	0.00000514	0.00651	0.00184	0.0272	0.0249	0.00000526	24.2	0.0000187	0.000648	0.000348	0.0012
2100 Jan	127	0.0758	0.092	0.00286	23	0.0371	24.3	0.00136	0.000984	0.00000514	0.00651	0.00184	0.0272	0.0249	0.00000526	24.3	0.0000187	0.000648	0.000348	0.0012
2100 Feb	127	0.0758	0.092	0.00286	23	0.0371	24.3	0.00136	0.000984	0.00000514	0.00651	0.00184	0.0272	0.025	0.00000526	24.3	0.0000187	0.000648	0.000348	0.0012
2100 Mar	127	0.0758	0.0921	0.00286	23	0.0371	24.3	0.00136	0.000984	0.00000514	0.00651	0.00185	0.0272	0.025	0.00000526	24.3	0.0000187	0.000648	0.000348	0.0012
2100 Apr	128	0.0763	0.0926	0.00287	23.1	0.0373	24.4	0.00137	0.00099	0.00000517	0.00655	0.00186	0.0273	0.0251	0.00000529	24.4	0.0000188	0.000652	0.000351	0.00121
2100 May	128	0.0762	0.092	0.00285	23.3	0.0369	24.3	0.00137	0.000994	0.00000518	0.00656	0.00187	0.0271	0.0259	0.00000531	25	0.000019	0.000655	0.000364	0.00122
2100 Jun	132	0.0716	0.0992	0.00301	23.3	0.0358	26.2	0.00138	0.000959	0.00000503	0.00623	0.00189	0.0287	0.025	0.00000517	24.5	0.0000189	0.000691	0.000359	0.0012
2100 Jul	135	0.0721	0.103	0.0031	23.7	0.0367	27.1	0.00141	0.000971	0.0000051	0.0063	0.00192	0.0297	0.025	0.00000525	24.7	0.0000192	0.000709	0.000357	0.00122
2100 Aug	132	0.071	0.1	0.00305	23.3	0.0364	26.5	0.00139	0.000963	0.00000506	0.00623	0.00189	0.0292	0.0246	0.0000052	24.3	0.0000188	0.000696	0.000351	0.0012
2100 Sep	131	0.0705	0.0986	0.003	23	0.0364	26.1	0.00138	0.000959	0.00000503	0.00621	0.00187	0.0288	0.0244	0.00000517	24.1	0.0000186	0.000685	0.000346	0.00119
2100 Oct	130	0.0706	0.0982	0.00299	23	0.0363	26	0.00138	0.000958	0.00000503	0.00621	0.00187	0.0287	0.0243	0.00000517	24	0.0000185	0.000683	0.000345	0.00119
2100 Nov	130	0.0707	0.0981	0.00299	23	0.0364	26	0.00138	0.000959	0.00000503	0.00621	0.00187	0.0287	0.0243	0.00000517	24	0.0000185	0.000683	0.000345	0.00119
2100 Dec	130	0.0708	0.0981	0.00299	23	0.0364	26	0.00138	0.000959	0.00000503	0.00622	0.00187	0.0287	0.0243	0.00000517	24	0.0000185	0.000683	0.000345	0.00119
2101 Jan	130	0.0708	0.0981	0.00299	23	0.0364	26	0.00138	0.000959	0.00000503	0.00622	0.00187	0.0287	0.0243	0.00000517	24	0.0000185	0.000683	0.000345	0.00119
2101 Feb	130	0.0708	0.0981	0.00299	23	0.0364	26	0.00138	0.000959	0.00000503	0.00622	0.00187	0.0287	0.0243	0.00000517	24	0.0000185	0.000683	0.000345	0.00119
2101 Mar	130	0.0708	0.0981	0.00299	23	0.0364	26	0.00138	0.00096	0.00000503	0.00622	0.00187	0.0287	0.0244	0.00000518	24.1	0.0000185	0.000683	0.000345	0.00119
2101 Apr	131	0.0711	0.0984	0.003	23.1	0.0365	26	0.00138	0.000963	0.00000505	0.00624	0.00188	0.0288	0.0244	0.00000519	24.1	0.0000186	0.000685	0.000346	0.00119
2101 May	132	0.0717	0.0975	0.00298	23.4	0.0361	25.9	0.00138	0.000971	0.00000509	0.00629	0.00191	0.0285	0.0256	0.00000523	24.9	0.0000189	0.00069	0.000367	0.00121
2101 Jun	135	0.0704	0.102	0.00308	23.5	0.0359	27.1	0.0014	0.000957	0.00000503	0.00617	0.00193	0.0297	0.0252	0.00000518	24.9	0.000019	0.000715	0.000365	0.00121
2101 Jul	141	0.0733	0.107	0.00324	24.6	0.0377	28.6	0.00147	0.001	0.00000527	0.00646	0.00202	0.0312	0.0262	0.00000543	25.9	0.0000199	0.000751	0.000378	0.00126
2101 Aug	146	0.0761	0.111	0.00337	25.5	0.0392	29.6	0.00152	0.00104	0.00000547	0.00671	0.0021	0.0324	0.0272	0.00000564	26.9	0.0000207	0.000779	0.000392	0.00131

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	143	0.0758	0.108	0.00328	25	0.0389	28.8	0.0015	0.00103	0.00000541	0.00667	0.00205	0.0316	0.0267	0.00000557	26.4	0.0000203	0.000758	0.000382	0.00129
2101 Oct	141	0.0755	0.106	0.00324	24.7	0.0387	28.4	0.00148	0.00102	0.00000537	0.00664	0.00203	0.0313	0.0264	0.00000553	26.1	0.0000201	0.000748	0.000378	0.00128
2101 Nov	137	0.0751	0.103	0.00314	24.1	0.0382	27.5	0.00145	0.00101	0.00000528	0.00657	0.00198	0.0304	0.0258	0.00000543	25.5	0.0000197	0.000725	0.000367	0.00125
2101 Dec	136	0.0752	0.102	0.00312	24	0.0382	27.3	0.00144	0.001	0.00000527	0.00657	0.00197	0.0302	0.0257	0.00000542	25.4	0.0000196	0.00072	0.000364	0.00125
2102 Jan	136	0.0753	0.102	0.00312	24	0.0382	27.2	0.00144	0.001	0.00000527	0.00657	0.00197	0.0302	0.0257	0.00000542	25.4	0.0000196	0.00072	0.000365	0.00125
2102 Feb	136	0.0753	0.102	0.00312	24	0.0382	27.2	0.00144	0.001	0.00000527	0.00657	0.00197	0.0301	0.0257	0.00000542	25.4	0.0000196	0.00072	0.000365	0.00125
2102 Mar	136	0.0754	0.102	0.00312	24	0.0382	27.2	0.00144	0.001	0.00000527	0.00658	0.00197	0.0302	0.0258	0.00000542	25.4	0.0000196	0.00072	0.000366	0.00125
2102 Apr	136	0.0756	0.102	0.00312	24	0.0383	27.3	0.00145	0.00101	0.00000528	0.00659	0.00198	0.0302	0.0258	0.00000543	25.5	0.0000197	0.000722	0.000367	0.00125
2102 May	138	0.0765	0.103	0.00316	24.3	0.0388	27.6	0.00146	0.00102	0.00000535	0.00667	0.002	0.0306	0.0262	0.0000055	25.8	0.0000199	0.000731	0.000371	0.00127
2102 Jun	128	0.0648	0.0974	0.00304	21.7	0.0362	26.1	0.00141	0.000977	0.00000512	0.00646	0.00184	0.0296	0.0224	0.00000527	22.6	0.0000197	0.000686	0.000311	0.00115
2102 Jul	132	0.063	0.104	0.00321	21.9	0.0369	27.8	0.00145	0.000979	0.00000516	0.00645	0.00187	0.0314	0.0214	0.00000532	22.2	0.00002	0.000716	0.000296	0.00115
2102 Aug	134	0.0642	0.105	0.00326	22.2	0.0377	28.2	0.00147	0.000999	0.00000526	0.00657	0.0019	0.0319	0.0218	0.00000542	22.6	0.0000203	0.000727	0.000301	0.00117
2102 Sep	132	0.0641	0.104	0.00323	22.1	0.0377	27.9	0.00147	0.000999	0.00000525	0.00657	0.00189	0.0316	0.0217	0.00000542	22.4	0.0000201	0.000719	0.000298	0.00117
2102 Oct	124	0.0647	0.0953	0.00301	20.9	0.0369	25.8	0.00139	0.000965	0.00000506	0.00645	0.00178	0.0296	0.0207	0.00000521	21.4	0.0000191	0.000669	0.000279	0.00112
2102 Nov	123	0.0654	0.0944	0.00299	20.8	0.0371	25.6	0.00139	0.000964	0.00000506	0.00647	0.00178	0.0294	0.0207	0.0000052	21.3	0.000019	0.000664	0.000277	0.00112
2102 Dec	123	0.0656	0.0943	0.00298	20.8	0.0371	25.6	0.00139	0.000965	0.00000506	0.00647	0.00178	0.0294	0.0207	0.00000521	21.3	0.0000191	0.000664	0.000277	0.00112
2103 Jan	123	0.0656	0.0943	0.00298	20.8	0.0371	25.6	0.00139	0.000965	0.00000506	0.00647	0.00178	0.0294	0.0207	0.00000521	21.3	0.0000191	0.000664	0.000277	0.00112
2103 Feb	123	0.0656	0.0943	0.00298	20.8	0.0371	25.6	0.00139	0.000965	0.00000506	0.00647	0.00178	0.0294	0.0207	0.00000521	21.3	0.0000191	0.000664	0.000277	0.00112
2103 Mar	123	0.0657	0.0944	0.00299	20.8	0.0371	25.6	0.00139	0.000966	0.00000506	0.00648	0.00178	0.0294	0.0207	0.00000521	21.3	0.0000191	0.000664	0.000278	0.00112
2103 Apr	124	0.0659	0.0947	0.003	20.9	0.0372	25.7	0.0014	0.000969	0.00000508	0.0065	0.00178	0.0295	0.0208	0.00000523	21.4	0.0000191	0.000667	0.000279	0.00113
2103 May	126	0.067	0.0948	0.00299	21.4	0.037	25.8	0.0014	0.000978	0.00000512	0.00653	0.00183	0.0294	0.0221	0.00000527	22.4	0.0000194	0.000677	0.000302	0.00115
2103 Jun	131	0.0656	0.101	0.0031	22.1	0.036	27.4	0.00141	0.000952	0.00000501	0.00626	0.00189	0.0306	0.0229	0.00000517	23.2	0.0000194	0.000718	0.000325	0.00117
2103 Jul	133	0.0654	0.103	0.00318	22.3	0.0371	28.1	0.00145	0.000972	0.00000512	0.00636	0.00192	0.0314	0.0229	0.00000529	23.3	0.0000196	0.000731	0.000322	0.00118
2103 Aug	129	0.0624	0.0991	0.0031	21.6	0.0376	27.2	0.00143	0.000974	0.00000512	0.00625	0.00188	0.0306	0.0222	0.00000528	22.6	0.0000187	0.000704	0.000307	0.00117
2103 Sep	127	0.064	0.0981	0.00308	21.3	0.0378	27	0.00141	0.000957	0.00000504	0.00621	0.00185	0.0305	0.0215	0.0000052	22.1	0.0000184	0.000696	0.000294	0.00115
2103 Oct	128	0.0665	0.101	0.00314	21.3	0.0385	27.9	0.00142	0.000938	0.00000495	0.00617	0.00185	0.0314	0.0206	0.00000512	21.6	0.0000181	0.000707	0.000279	0.00115
2103 Nov	128	0.0672	0.101	0.00316	21.3	0.0387	28.2	0.00142	0.000935	0.00000494	0.00616	0.00185	0.0317	0.0204	0.00000511	21.5	0.000018	0.000711	0.000275	0.00115
2103 Dec	128	0.0673	0.101	0.00316	21.3	0.0388	28.2	0.00142	0.000935	0.00000494	0.00617	0.00185	0.0317	0.0204	0.00000511	21.5	0.000018	0.000711	0.000275	0.00115
2104 Jan	128	0.0674	0.101	0.00316	21.3	0.0388	28.2	0.00142	0.000936	0.00000494	0.00617	0.00185	0.0317	0.0204	0.00000511	21.5	0.000018	0.000711	0.000275	0.00115
2104 Feb	128	0.0674	0.101	0.00316	21.3	0.0388	28.2	0.00142	0.000936	0.00000494	0.00617	0.00185	0.0317	0.0204	0.00000511	21.5	0.000018	0.000711	0.000276	0.00115
2104 Mar	128	0.0675	0.101	0.00316	21.3	0.0388	28.2	0.00142	0.000936	0.00000494	0.00618	0.00185	0.0317	0.0205	0.00000511	21.6	0.0000181	0.000712	0.000276	0.00115
2104 Apr	129	0.0678	0.102	0.00318	21.5	0.039	28.4	0.00143	0.000941	0.00000497	0.00621	0.00186	0.0318	0.0206	0.00000514	21.7	0.0000181	0.000715	0.000278	0.00116
2104 May	130	0.0684	0.101	0.00315	21.9	0.0383	28.2	0.00143	0.00095	0.00000501	0.00625	0.0019	0.0315	0.0221	0.00000518	22.8	0.0000186	0.000723	0.000305	0.00118
2104 Jun	134	0.0664	0.106	0.00324	22.3	0.0373	29.6	0.00144	0.000925	0.0000049	0.00602	0.00194	0.0326	0.0224	0.00000508	23.2	0.0000186	0.000759	0.000318	0.00118
2104 Jul	137	0.0675	0.109	0.00333	22.7	0.0383	30.3	0.00147	0.000949	0.00000503	0.00617	0.00199	0.0335	0.0228	0.00000522	23.7	0.0000191	0.000778	0.000323	0.00121
2104 Aug	138	0.0681	0.109	0.00335	22.9	0.0388	30.5	0.00149	0.000962	0.00000509	0.00624	0.002	0.0337	0.023	0.00000528	23.9	0.0000192	0.000782	0.000325	0.00122
2104 Sep	133	0.0671	0.105	0.00323	22.2	0.0383	29.3	0.00145	0.000945	0.000005	0.00615	0.00194	0.0326	0.0224	0.00000518	23.2	0.0000186	0.000754	0.000313	0.00119
2104 Oct	130	0.0678	0.101	0.00316	21.7	0.0382	28.6	0.00142	0.000929	0.00000491	0.00611	0.00189	0.032	0.0216	0.00000508	22.5	0.0000182	0.000733	0.000298	0.00116
2104 Nov	130	0.0687	0.102	0.00317	21.6	0.0386	28.8	0.00142	0.000928	0.00000491	0.00613	0.00189	0.0322	0.0214	0.00000508	22.4	0.0000181	0.000734	0.000294	0.00117
2104 Dec	130	0.0687	0.102	0.00317	21.6	0.0386	28.7	0.00142	0.000929	0.00000491	0.00614	0.00189	0.0321	0.0214	0.00000509	22.4	0.0000181	0.000734	0.000294	0.00117
2105 Jan	130	0.0688	0.102	0.00317	21.6	0.0386	28.7	0.00142	0.000929	0.00000491	0.00614	0.00189	0.0321	0.0214	0.00000509	22.4	0.0000181	0.000734	0.000294	0.00117
2105 Feb	130	0.0688	0.102	0.00317	21.6	0.0386	28.7	0.00142	0.000929	0.00000491	0.00614	0.00189	0.0321	0.0214	0.00000509	22.4	0.0000181	0.000734	0.000294	0.00117
2105 Mar	130	0.0688	0.102	0.00317	21.7	0.0386	28.7	0.00142	0.000929	0.00000491	0.00614	0.00189	0.0321	0.0214	0.00000509	22.4	0.0000182	0.000734	0.000294	0.00117
2105 Apr	130	0.069	0.102	0.00318	21.7	0.0387	28.8	0.00143	0.000932	0.00000493	0.00616	0.0019	0.0322	0.0215	0.0000051	22.5	0.0000182	0.000736	0.000295	0.00117
2105 May	131	0.0693	0.102	0.00316	22	0.0383	28.7	0.00143	0.000937	0.00000495	0.00618	0.00192	0.032	0.0224	0.00000512	23.1	0.0000185	0.000741	0.000312	0.00118
2105 Jun	135	0.0691	0.105	0.00324	22.5	0.0381	29.8	0.00145	0.000938	0.00000497	0.00615	0.00198	0.0329	0.0231	0.00000515	23.8	0.0000188	0.000769	0.000328	0.00121
2105 Jul	138	0.0703	0.107	0.0033	23	0.039	30.3	0.00148	0.000961	0.00000508	0.00629	0.00202	0.0335	0.0236	0.00000527	24.3	0.0000192	0.000783	0.000334	0.00123
2105 Aug	133	0.0682	0.103	0.00319	22.2	0.0384	29.1	0.00144	0.000943	0.00000498	0.00614	0.00196	0.0324	0.0229	0.00000516	23.6	0.0000185	0.000754	0.000322	0.0012
2105 Sep	131	0.0689	0.102	0.0032	21.8	0.0391	29.3	0.00144	0.000929	0.00000491	0.00609	0.00192	0.0327	0.0217	0.0000051	22.8	0.0000179	0.000748	0.0003	0.00118
2105 Oct	133	0.0695	0.105	0.00327	21.8	0.0396	30.2	0.00144	0.000916	0.00000486	0.00603	0.00192	0.0336	0.021	0.00000505	22.3	0.0000178	0.00076	0.000287	0.00117
2105 Nov	133	0.0701	0.106	0.0033	21.8	0.0399	30.5	0.00145	0.000912	0.00000485	0.00603	0.00192	0.0339	0.0207	0.00000504	22.2	0.0000177	0.000765	0.000282	0.00117
2105 Dec	133	0.0702	0.106	0.0033	21.8	0.0399	30.5	0.00145	0.000913	0.00000485	0.00603	0.00192	0.0339	0.0207	0.00000504	22.2	0.0000177	0.000764	0.000282	0.00117
2106 Jan	133	0.0702	0.106	0.0033	21.8	0.0399	30.5	0.00145	0.000913	0.00000485	0.00603	0.00192	0.0339	0.0207	0.00000504	22.2	0.0000177	0.000764	0.000282	0.00117
2106 Feb	133	0.0702	0.106	0.0033	21.8	0.0399	30.5	0.00145	0.000913	0.00000485	0.00603	0.00193	0.0339	0.0207	0.00000504	22.2	0.0000177	0.000764	0.000282	0.00117
2106 Mar	133	0.0703	0.106	0.0033	21.8	0.0399	30.5	0.00145	0.000913	0.00000485	0.00604	0.00193	0.0339	0.0207	0.00000504	22.2	0.0000177	0.000765	0.000283	0.00117
2106 Apr	134	0.0706	0.107	0.00331	21.9	0.0401	30.7	0.00145	0.000917	0.00000487	0.00606	0.00193	0.034	0.0208	0.00000506	22.3	0.0000178	0.000768	0.000284	0.00118
2106 May	135	0.0713	0.107	0.00331	22.1	0.0402	30.7	0.00146	0.000928	0.00000493	0.00613	0.00196	0.0341	0.0214	0.00000512	22.8	0.0000181	0.000773	0.000294	0.00119
2106 Jun	136	0.0656	0.109	0.00337	21.8	0.0386	31.5	0.00147	0.000915	0.00000487	0.00601	0.00197	0.0349	0.0211	0.00000507	22.6	0.0000186	0.000797	0.000295	0.00118
2106 Jul	141	0.0659	0.114	0.00354	22.3	0.0402	33	0.00154	0.000944	0.00000503	0.00618	0.00203	0.0367	0.021	0.00000524	22.9	0.0000192	0.00083	0.000293	0.00121
2106 Aug	134	0.063	0.108	0.00338	21.4	0.0399	31.3	0.0015	0.000938	0.00000498	0.00606	0.00197	0.035	0.0205	0.00000518	22.1	0.0000183	0.000788	0.00028	0.00118
2106 Sep	131	0.0625	0.105	0.00331	20.9	0.0399	30.6	0.00147	0.000921	0.00000489	0.00594	0.00192	0.0345	0.0197	0.00000509	21.5	0.0000175	0.000769	0.000266	0.00115
2106 Oct	132	0.0634	0.106	0.00333	21	0.0402	30.9	0.00147	0.000917	0.00000488	0.00593	0.00193	0.0348	0.0196	0.00000508	21.4	0.0000175	0.000774	0.000264	0.00115
2106 Nov	132	0.0637	0.106	0.00333	21	0.0403	31	0.00147	0.000919	0.00000489	0.00595	0.00193	0.0348	0.0196	0.00000509	21.5	0.0000175	0.000774	0.000264	0.00115
2106 Dec	132	0.0637	0.106	0.00333	21	0.0403	30.9	0.00147	0.00092	0.00000489	0.00596	0.00193	0.0348	0.0196	0.00000509	21.5	0.0000175	0.000774	0.000264	0.00115
2107 Jan	132	0.0637	0.106	0.00333	21	0.0403	30.9	0.00147	0.00092	0.00000489	0.00596	0.00193	0.0348	0.0196	0.00000509	21.5	0.0000175	0.000774	0.000264	0.00115
2107 Feb	132	0.0638	0.106	0.00333	21	0.0403	30.9	0.00147	0.00092	0.00000489	0.00596	0.00193	0.0348	0.0197	0.00000509	21.5	0.0000175	0.000774	0.000264	0.00115
2107 Mar	132	0.0638	0.106	0.00334	21	0.0403	31	0.00147	0.000921	0.00000489	0.00596	0.00193	0.0348	0.0197	0.00000509	21.5	0.0000175	0.000775	0.000264	0.00115
2107 Apr	132	0.064	0.106	0.00334	21.1	0.0404	31	0.00148	0.000923	0.0000049	0.00598	0.00194	0.0349	0.0197	0.0000051	21.6	0.0000176	0.000776	0.000265	0.00116
2107 May	134	0.0648	0.106	0.00334	21.5	0.0401	31.2	0.00148	0.000927	0.00000492	0.006	0.00197	0.0349	0.0206	0.00000513	22.3	0.0000179	0.000786	0.000282	0.00117
2107 Jun	140	0.0666	0.11	0.00342	22.5	0.0394	32.5	0.0015	0.000925	0.00000493	0.00598	0.00206	0.0357	0.0226	0.00000514	23.9	0.0000186	0.000828	0.000322	0.00122
2107 Jul	140	0.0666	0.11	0.00343	22.5	0.0397	32.5	0.00151	0.000935	0.00000498	0.00603	0.00207	0.0358	0.0227	0.00000519	24	0.0000186	0.000829	0.000323	0.00123
2107 Aug	143	0.068	0.112	0.0035	23	0.0407	33.1	0.00155	0.00096	0.0000051	0.00618	0.00211	0.0365	0.0232	0.00000532	24.6	0.000019	0.000845	0.000329	0.00125
2107 Sep	142	0.0683	0.111	0.00348	22.9	0.0408	32.8	0.00154	0.00096	0.00000511	0.0062	0.0021	0.0363	0.0232	0.00000532	24.5	0.000019	0.000839	0.000327	0.00125
2107 Oct	139	0.0682	0.109	0.0034	22.5	0.0404	32.1	0.00152	0.00095	0.00000504	0.00616	0.00207	0.0355	0.0228	0.00000525	24.1	0.0000187	0.00082	0.000321	0.00123
2107 Nov	137	0.0683	0.107	0.00337	22.3	0.0403	31.7	0.00151	0.000946	0.00000502	0.00616	0.00205	0.0351	0.0227	0.00000523	23.9	0.0000186	0.000811	0.000318	0.00123
2107 Dec	137	0.0684	0.107	0.00336	22.3	0.0403	31.6	0.00151	0.000947	0.00000502	0.00616	0.00205	0.0351	0.0227	0.00000523	23.9	0.0000186	0.00081	0.000317	0.00123
2108 Jan	137	0.0684	0.107	0.00336	22.3	0.0403	31.6	0.00151	0.000947	0.00000502	0.00616	0.00205	0.0351	0.0227	0.00000523	23.9	0.0000186	0.00081	0.000318	0.00123

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	137	0.0685	0.107	0.00336	22.3	0.0403	31.6	0.00151	0.000947	0.00000502	0.00616	0.00205	0.0351	0.0227	0.00000523	23.9	0.0000186	0.00081	0.000318	0.00123
2108 Mar	138	0.0685	0.107	0.00336	22.4	0.0403	31.7	0.00151	0.000948	0.00000503	0.00617	0.00205	0.0351	0.0227	0.00000523	23.9	0.0000186	0.000811	0.000318	0.00123
2108 Apr	139	0.0691	0.108	0.00339	22.5	0.0406	31.9	0.00152	0.000955	0.00000507	0.00622	0.00207	0.0354	0.0229	0.00000527	24.1	0.0000188	0.000817	0.000321	0.00124
2108 May	141	0.0702	0.11	0.00344	22.9	0.0413	32.4	0.00154	0.00097	0.00000515	0.00632	0.0021	0.036	0.0233	0.00000536	24.5	0.0000191	0.00083	0.000326	0.00126
2108 Jun	129	0.062	0.0998	0.0032	20.8	0.0384	29.5	0.00147	0.000951	0.00000502	0.00628	0.00195	0.0335	0.0213	0.00000522	22.4	0.0000192	0.000766	0.000293	0.00117
2108 Jul	134	0.0635	0.104	0.00333	21.4	0.0398	30.6	0.00153	0.000988	0.00000522	0.00653	0.00201	0.0348	0.0218	0.00000542	23	0.00002	0.000794	0.000299	0.0012
2108 Aug	139	0.0661	0.108	0.00347	22.3	0.0415	31.9	0.0016	0.00103	0.00000544	0.00681	0.0021	0.0362	0.0227	0.00000565	24	0.0000208	0.000827	0.000311	0.00125
2108 Sep	139	0.0665	0.108	0.00346	22.3	0.0416	31.8	0.0016	0.00103	0.00000545	0.00683	0.0021	0.0362	0.0227	0.00000566	24	0.0000208	0.000825	0.000311	0.00126
2108 Oct	128	0.0664	0.0968	0.00317	20.8	0.0401	28.9	0.00149	0.000986	0.00000519	0.00664	0.00195	0.0332	0.0214	0.00000538	22.5	0.0000196	0.000753	0.000287	0.00119
2108 Nov	126	0.0671	0.0944	0.0031	20.5	0.04	28.2	0.00147	0.000982	0.00000516	0.00665	0.00192	0.0326	0.0212	0.00000534	22.3	0.0000194	0.000737	0.000282	0.00118
2108 Dec	126	0.0672	0.0943	0.0031	20.5	0.04	28.2	0.00147	0.000982	0.00000517	0.00665	0.00192	0.0325	0.0212	0.00000535	22.3	0.0000194	0.000737	0.000282	0.00118
2109 Jan	126	0.0672	0.0943	0.0031	20.5	0.04	28.2	0.00147	0.000982	0.00000517	0.00665	0.00192	0.0325	0.0212	0.00000535	22.3	0.0000194	0.000737	0.000282	0.00118
2109 Feb	126	0.0672	0.0943	0.0031	20.5	0.04	28.2	0.00147	0.000982	0.00000517	0.00666	0.00192	0.0325	0.0213	0.00000535	22.3	0.0000194	0.000737	0.000283	0.00118
2109 Mar	126	0.0673	0.0944	0.0031	20.6	0.04	28.2	0.00148	0.000983	0.00000517	0.00666	0.00192	0.0326	0.0213	0.00000535	22.3	0.0000194	0.000738	0.000283	0.00118
2109 Apr	127	0.0677	0.0948	0.00312	20.7	0.0402	28.4	0.00148	0.000988	0.0000052	0.0067	0.00193	0.0327	0.0214	0.00000538	22.4	0.0000195	0.000741	0.000285	0.00119
2109 May	128	0.0682	0.0948	0.0031	21.1	0.0396	28.4	0.00148	0.000988	0.0000052	0.00667	0.00196	0.0325	0.0226	0.00000538	23.3	0.0000197	0.000749	0.000307	0.0012
2109 Jun	133	0.069	0.0982	0.00317	22	0.039	29.4	0.00149	0.000983	0.00000518	0.00656	0.00204	0.0331	0.0242	0.00000536	24.7	0.0000199	0.00078	0.00034	0.00124
2109 Jul	132	0.0683	0.097	0.00315	21.9	0.0395	29.1	0.0015	0.000997	0.00000524	0.00661	0.00204	0.0328	0.0242	0.00000543	24.6	0.0000199	0.000773	0.000338	0.00124
2109 Aug	131	0.0672	0.0952	0.00313	21.7	0.0403	28.6	0.00151	0.00102	0.00000534	0.00667	0.00204	0.0325	0.0243	0.00000552	24.5	0.0000196	0.000761	0.000335	0.00125
2109 Sep	128	0.0676	0.0928	0.00306	21.3	0.04	28	0.00148	0.001	0.00000526	0.00662	0.002	0.0318	0.0237	0.00000544	24	0.0000193	0.000743	0.000325	0.00123
2109 Oct	128	0.07	0.0942	0.0031	20.9	0.0406	28.7	0.00147	0.00097	0.00000511	0.00651	0.00196	0.0325	0.0222	0.00000529	23	0.0000186	0.000743	0.000298	0.0012
2109 Nov	128	0.0707	0.0946	0.00311	21	0.0409	28.8	0.00147	0.000972	0.00000511	0.00653	0.00196	0.0327	0.0221	0.0000053	23	0.0000187	0.000745	0.000297	0.00121
2109 Dec	128	0.0707	0.0946	0.00311	21	0.0409	28.8	0.00147	0.000972	0.00000512	0.00654	0.00196	0.0327	0.0221	0.0000053	23	0.0000187	0.000745	0.000297	0.00121
2110 Jan	128	0.0708	0.0946	0.00311	21	0.0409	28.8	0.00147	0.000972	0.00000512	0.00654	0.00196	0.0327	0.0221	0.0000053	23	0.0000187	0.000745	0.000297	0.00121
2110 Feb	128	0.0708	0.0946	0.00311	21	0.0409	28.8	0.00147	0.000972	0.00000512	0.00654	0.00196	0.0327	0.0222	0.0000053	23	0.0000187	0.000745	0.000297	0.00121
2110 Mar	128	0.0709	0.0946	0.00311	21	0.041	28.8	0.00147	0.000973	0.00000512	0.00654	0.00196	0.0327	0.0222	0.00000531	23.1	0.0000187	0.000746	0.000297	0.00121
2110 Apr	129	0.0711	0.0949	0.00312	21.1	0.0411	28.9	0.00148	0.000976	0.00000514	0.00657	0.00197	0.0328	0.0223	0.00000532	23.1	0.0000187	0.000748	0.000298	0.00121
2110 May	130	0.0717	0.0956	0.00314	21.4	0.0412	29.1	0.00149	0.000984	0.00000518	0.00661	0.00199	0.033	0.0228	0.00000537	23.6	0.000019	0.000756	0.000307	0.00123
2110 Jun	138	0.0697	0.104	0.00333	22.5	0.0399	31.9	0.00153	0.000963	0.0000051	0.00637	0.00211	0.0352	0.0242	0.00000531	25.1	0.0000196	0.00083	0.000344	0.00126
2110 Jul	142	0.0708	0.107	0.00343	22.9	0.041	32.9	0.00157	0.000984	0.00000522	0.0065	0.00216	0.0363	0.0245	0.00000543	25.5	0.00002	0.000852	0.000348	0.00129
2110 Aug	133	0.0644	0.102	0.00332	21.4	0.042	31.7	0.00153	0.000965	0.00000511	0.00616	0.00206	0.0355	0.0221	0.00000532	23.4	0.0000179	0.000808	0.000301	0.00123
2110 Sep	133	0.0676	0.104	0.00337	21.2	0.0427	32.6	0.00154	0.000944	0.00000502	0.00616	0.00206	0.0365	0.021	0.00000524	22.9	0.0000177	0.000822	0.000283	0.00122
2110 Oct	134	0.0706	0.106	0.00345	21.2	0.0436	33.7	0.00155	0.000931	0.00000496	0.00619	0.00206	0.0377	0.0203	0.00000519	22.6	0.0000178	0.000841	0.00027	0.00122
2110 Nov	134	0.0709	0.107	0.00346	21.2	0.0436	33.9	0.00155	0.000926	0.00000494	0.00617	0.00207	0.0379	0.0201	0.00000517	22.5	0.0000178	0.000845	0.000268	0.00122
2110 Dec	134	0.071	0.107	0.00346	21.2	0.0437	33.9	0.00155	0.000927	0.00000494	0.00618	0.00206	0.0379	0.0201	0.00000518	22.5	0.0000178	0.000844	0.000267	0.00122
2111 Jan	134	0.071	0.107	0.00346	21.2	0.0437	33.9	0.00155	0.000927	0.00000494	0.00618	0.00207	0.0379	0.0201	0.00000518	22.5	0.0000178	0.000844	0.000268	0.00122
2111 Feb	134	0.0711	0.107	0.00346	21.2	0.0437	33.9	0.00155	0.000927	0.00000494	0.00618	0.00207	0.0379	0.0202	0.00000518	22.5	0.0000178	0.000844	0.000268	0.00122
2111 Mar	134	0.0712	0.107	0.00346	21.3	0.0437	33.9	0.00155	0.000928	0.00000495	0.00619	0.00207	0.0379	0.0202	0.00000518	22.6	0.0000178	0.000846	0.000269	0.00122
2111 Apr	135	0.0716	0.108	0.00348	21.4	0.044	34.1	0.00156	0.000934	0.00000498	0.00623	0.00208	0.0381	0.0203	0.00000521	22.7	0.0000179	0.00085	0.00027	0.00123
2111 May	136	0.0722	0.108	0.00348	21.7	0.0438	34.1	0.00157	0.000944	0.00000503	0.00629	0.00211	0.038	0.0213	0.00000527	23.4	0.0000183	0.000857	0.000287	0.00125
2111 Jun	139	0.0698	0.108	0.00346	22.2	0.0416	34.4	0.00157	0.000936	0.00000499	0.00618	0.00217	0.038	0.0232	0.00000523	24.9	0.000019	0.000884	0.000329	0.00127
2111 Jul	145	0.0726	0.113	0.00361	23.2	0.0434	35.8	0.00164	0.000978	0.00000521	0.00645	0.00227	0.0396	0.0242	0.00000546	25.9	0.0000198	0.000922	0.000342	0.00132
2111 Aug	136	0.0689	0.105	0.0034	22	0.0427	33.4	0.00157	0.000961	0.00000511	0.00626	0.00216	0.0373	0.0231	0.00000534	24.6	0.0000185	0.000862	0.00032	0.00127
2111 Sep	132	0.0677	0.101	0.00332	21.4	0.0427	32.5	0.00155	0.000954	0.00000506	0.00618	0.00211	0.0366	0.0224	0.00000528	24	0.0000179	0.000838	0.000307	0.00124
2111 Oct	133	0.0685	0.103	0.00338	21.3	0.0429	33.3	0.00155	0.000932	0.00000496	0.00611	0.0021	0.0374	0.0215	0.00000519	23.5	0.0000177	0.000849	0.000292	0.00123
2111 Nov	134	0.0701	0.105	0.00343	21.2	0.0435	34.1	0.00156	0.000923	0.00000492	0.00611	0.0021	0.0382	0.0209	0.00000516	23.1	0.0000177	0.000861	0.000281	0.00123
2111 Dec	134	0.0702	0.105	0.00343	21.2	0.0435	34.1	0.00156	0.000923	0.00000493	0.00612	0.0021	0.0382	0.0209	0.00000516	23.1	0.0000177	0.00086	0.000281	0.00123
2112 Jan	134	0.0703	0.105	0.00343	21.2	0.0435	34.1	0.00156	0.000923	0.00000493	0.00612	0.0021	0.0382	0.0209	0.00000516	23.1	0.0000177	0.00086	0.000281	0.00123
2112 Feb	134	0.0703	0.105	0.00343	21.2	0.0435	34.1	0.00156	0.000924	0.00000493	0.00612	0.0021	0.0382	0.0209	0.00000517	23.2	0.0000177	0.000861	0.000282	0.00123
2112 Mar	134	0.0705	0.105	0.00344	21.3	0.0436	34.1	0.00156	0.000925	0.00000494	0.00613	0.00211	0.0382	0.021	0.00000517	23.2	0.0000177	0.000862	0.000282	0.00123
2112 Apr	135	0.0708	0.106	0.00345	21.4	0.0438	34.3	0.00157	0.00093	0.00000496	0.00616	0.00212	0.0384	0.0211	0.0000052	23.3	0.0000178	0.000866	0.000284	0.00124
2112 May	136	0.0713	0.106	0.00345	21.8	0.0434	34.3	0.00157	0.000939	0.000005	0.00621	0.00215	0.0383	0.0222	0.00000524	24.2	0.0000182	0.000875	0.000304	0.00126
2112 Jun	140	0.0669	0.112	0.00357	21.9	0.0415	36.5	0.00158	0.000897	0.00000482	0.0059	0.00221	0.0401	0.0222	0.00000508	24.5	0.0000186	0.000929	0.000318	0.00125
2112 Jul	142	0.0667	0.113	0.00364	22	0.0423	37.1	0.00162	0.000914	0.00000491	0.00601	0.00224	0.0409	0.0221	0.00000518	24.6	0.000019	0.000944	0.000315	0.00126
2112 Aug	144	0.068	0.115	0.0037	22.4	0.0433	37.6	0.00165	0.000937	0.00000503	0.00615	0.00227	0.0416	0.0226	0.0000053	25	0.0000193	0.000958	0.00032	0.00129
2112 Sep	142	0.0675	0.112	0.00363	22	0.043	36.8	0.00163	0.000931	0.00000499	0.00611	0.00224	0.0408	0.0223	0.00000526	24.7	0.000019	0.000939	0.000314	0.00127
2112 Oct	139	0.0674	0.11	0.00356	21.7	0.0426	36	0.0016	0.000923	0.00000495	0.00608	0.0022	0.04	0.022	0.0000052	24.3	0.0000187	0.00092	0.000309	0.00126
2112 Nov	138	0.0678	0.109	0.00354	21.6	0.0426	35.8	0.0016	0.000924	0.00000494	0.0061	0.00219	0.0398	0.022	0.0000052	24.2	0.0000187	0.000914	0.000307	0.00125
2112 Dec	138	0.0678	0.109	0.00354	21.6	0.0426	35.8	0.0016	0.000924	0.00000495	0.00611	0.00219	0.0398	0.022	0.0000052	24.2	0.0000187	0.000914	0.000307	0.00125
2113 Jan	138	0.0679	0.109	0.00354	21.6	0.0426	35.8	0.0016	0.000924	0.00000495	0.00611	0.00219	0.0398	0.022	0.0000052	24.2	0.0000187	0.000913	0.000307	0.00125
2113 Feb	138	0.0679	0.109	0.00354	21.7	0.0426	35.8	0.0016	0.000925	0.00000495	0.00611	0.00219	0.0398	0.022	0.0000052	24.3	0.0000187	0.000913	0.000308	0.00125
2113 Mar	139	0.0681	0.109	0.00355	21.7	0.0427	35.8	0.0016	0.000927	0.00000496	0.00612	0.0022	0.0399	0.0221	0.00000522	24.3	0.0000187	0.000916	0.000309	0.00126
2113 Apr	139	0.0684	0.11	0.00356	21.8	0.043	36	0.00161	0.000931	0.00000498	0.00615	0.00221	0.04	0.0222	0.00000524	24.5	0.0000188	0.00092	0.00031	0.00126
2113 May	140	0.069	0.109	0.00353	22.1	0.0426	35.7	0.00161	0.000939	0.00000502	0.0062	0.00223	0.0396	0.023	0.00000527	25	0.0000191	0.000919	0.000325	0.00128
2113 Jun	142	0.0684	0.11	0.00354	22.3	0.0414	36.2	0.0016	0.000921	0.00000493	0.00607	0.00226	0.0397	0.0239	0.00000519	25.7	0.0000193	0.000936	0.000346	0.00128
2113 Jul	146	0.0701	0.113	0.00364	22.9	0.0426	37.2	0.00165	0.000949	0.00000508	0.00625	0.00232	0.0409	0.0245	0.00000535	26.4	0.0000198	0.000961	0.000354	0.00132
2113 Aug	148	0.071	0.114	0.00369	23.2	0.0434	37.6	0.00167	0.000968	0.00000518	0.00636	0.00235	0.0414	0.0249	0.00000545	26.8	0.00002	0.000972	0.000358	0.00134
2113 Sep	143	0.0707	0.109	0.00356	22.6	0.0428	36.2	0.00163	0.000954	0.00000509	0.0063	0.00228	0.0399	0.0243	0.00000535	26	0.0000196	0.000937	0.000347	0.00131
2113 Oct	137	0.0717	0.105	0.00344	21.5	0.0426	35.1	0.00157	0.000914	0.00000489	0.00617	0.00217	0.0389	0.0223	0.00000514	24.4	0.0000186	0.000897	0.00031	0.00125
2113 Nov	137	0.0727	0.106	0.00347	21.4	0.0431	35.5	0.00158	0.000913	0.00000488	0.0062	0.00218	0.0393	0.0219	0.00000514	24.2	0.0000185	0.000902	0.000303	0.00126
2113 Dec	137	0.0728	0.106	0.00347	21.4	0.0432	35.4	0.00158	0.000913	0.00000489	0.0062	0.00217	0.0393	0.0219	0.00000514	24.2	0.0000186	0.000901	0.000303	0.00126
2114 Jan	137	0.0729	0.106	0.00347	21.4	0.0432	35.4	0.00158	0.000914	0.00000489	0.00621	0.00217	0.0393	0.0219	0.00000514	24.2	0.0000186	0.000901	0.000303	0.00126
2114 Feb	137	0.0729	0.106	0.00347	21.4	0.0432	35.4	0.00158	0.000914	0.00000489	0.00621	0.00218	0.0393	0.0219	0.00000514	24.2	0.0000186	0.000901	0.000303	0.00126
2114 Mar	137	0.073	0.106	0.00348	21.5	0.0432	35.5	0.00158	0.000915	0.00000489	0.00621	0.00218	0.0393	0.022	0.00000515	24.2	0.0000186	0.000902	0.000304	0.00126
2114 Apr	138	0.0733	0.106	0.00349	21.6	0.0434	35.6	0.00158	0.000918	0.00000491	0.00624	0.00219	0.0395	0.0221	0.00000516	24.3	0.0000186	0.000905	0.000305	0.00126
2114 May	140	0.0731	0.107	0.0035	22	0.0429	35.9	0.00159	0.000922	0.00000493	0.00623	0.00223	0.0396	0.0231	0.00000519	25.1	0.000019	0.00092	0.000325	0.00128
2114 Jun	146	0.0734	0.111	0.00361	22.8	0.0428	37.3	0.00164	0.000937	0.00000502	0.00628	0.00232	0.0409	0.0246	0.00000528	26.5	0.0000198	0.000963	0.000355	0.00132

Appendix D.2-7: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	152	0.0765	0.116	0.00377	23.8	0.0448	38.9	0.00171	0.000981	0.00000525	0.00657	0.00242	0.0426	0.0257	0.00000553	27.7	0.0000207	0.001	0.000371	0.00138
2114 Aug	159	0.0799	0.121	0.00393	24.9	0.0469	40.6	0.00179	0.00103	0.0000055	0.00687	0.00253	0.0445	0.0269	0.00000578	28.9	0.0000216	0.00105	0.000387	0.00145
2114 Sep	153	0.0788	0.115	0.00378	24.1	0.0459	38.9	0.00173	0.00101	0.00000538	0.00676	0.00244	0.0428	0.0261	0.00000565	28	0.0000209	0.00101	0.000373	0.0014
2114 Oct	143	0.0779	0.107	0.00354	22.9	0.0445	36.2	0.00165	0.000976	0.0000052	0.00664	0.00231	0.0401	0.0249	0.00000545	26.6	0.00002	0.000938	0.00035	0.00134
2114 Nov	136	0.0777	0.1	0.00335	21.9	0.0435	34	0.00158	0.000953	0.00000507	0.00656	0.0022	0.038	0.0239	0.0000053	25.5	0.0000193	0.000886	0.000331	0.0013
2114 Dec	136	0.0779	0.0996	0.00334	21.8	0.0436	33.9	0.00158	0.000953	0.00000506	0.00657	0.0022	0.0379	0.0238	0.0000053	25.4	0.0000193	0.000882	0.000329	0.00129
2115 Jan	136	0.078	0.0995	0.00334	21.8	0.0436	33.9	0.00158	0.000953	0.00000506	0.00657	0.0022	0.0379	0.0238	0.0000053	25.4	0.0000193	0.000882	0.00033	0.00129
2115 Feb	136	0.078	0.0996	0.00334	21.8	0.0436	33.9	0.00158	0.000953	0.00000506	0.00658	0.0022	0.0379	0.0239	0.0000053	25.4	0.0000193	0.000882	0.00033	0.00129
2115 Mar	136	0.0781	0.0996	0.00334	21.9	0.0436	33.9	0.00158	0.000954	0.00000507	0.00658	0.0022	0.0379	0.0239	0.00000531	25.5	0.0000193	0.000883	0.000331	0.0013
2115 Apr	136	0.0785	0.1	0.00336	22	0.0438	34.1	0.00159	0.000959	0.00000509	0.00661	0.00221	0.038	0.024	0.00000533	25.6	0.0000194	0.000887	0.000332	0.0013
2115 May	137	0.0776	0.1	0.00335	22.1	0.0432	34.1	0.00158	0.000955	0.00000507	0.00656	0.00222	0.0379	0.0245	0.00000531	26	0.0000195	0.000892	0.000343	0.00131
2115 Jun	142	0.0784	0.104	0.00346	22.9	0.0436	35.4	0.00163	0.000975	0.00000519	0.00666	0.00231	0.0391	0.0257	0.00000544	27.1	0.0000202	0.000928	0.000365	0.00135
2115 Jul	147	0.0809	0.107	0.00357	23.6	0.0452	36.5	0.00168	0.00101	0.00000537	0.00689	0.00238	0.0404	0.0266	0.00000563	28	0.0000209	0.000957	0.000377	0.00139
2115 Aug	140	0.0776	0.102	0.00341	22.7	0.0439	34.7	0.00162	0.000985	0.00000523	0.00668	0.00229	0.0386	0.0255	0.00000547	26.8	0.0000199	0.000911	0.000359	0.00134
2115 Sep	137	0.0766	0.0987	0.00333	22.3	0.0437	33.7	0.0016	0.00098	0.00000519	0.00663	0.00224	0.0377	0.0251	0.00000543	26.4	0.0000194	0.000887	0.000351	0.00132
2115 Oct	136	0.0764	0.098	0.0033	22.1	0.0435	33.4	0.00159	0.000976	0.00000517	0.0066	0.00223	0.0374	0.025	0.0000054	26.2	0.0000193	0.000881	0.000349	0.00131
2115 Nov	133	0.076	0.0954	0.00323	21.7	0.043	32.6	0.00156	0.000963	0.0000051	0.00655	0.00218	0.0366	0.0246	0.00000533	25.7	0.000019	0.00086	0.00034	0.00129
2115 Dec	133	0.0762	0.0949	0.00322	21.7	0.0431	32.5	0.00155	0.000963	0.0000051	0.00656	0.00218	0.0365	0.0245	0.00000532	25.7	0.000019	0.000857	0.000339	0.00129
2116 Jan	133	0.0763	0.0949	0.00322	21.7	0.0431	32.5	0.00155	0.000964	0.0000051	0.00656	0.00218	0.0365	0.0245	0.00000532	25.7	0.000019	0.000856	0.000339	0.00129
2116 Feb	133	0.0763	0.0949	0.00322	21.7	0.0431	32.5	0.00155	0.000964	0.0000051	0.00656	0.00218	0.0365	0.0245	0.00000533	25.7	0.000019	0.000857	0.000339	0.00129
2116 Mar	133	0.0764	0.095	0.00322	21.7	0.0431	32.5	0.00156	0.000965	0.0000051	0.00657	0.00218	0.0365	0.0246	0.00000533	25.7	0.000019	0.000857	0.00034	0.00129
2116 Apr	134	0.0768	0.0954	0.00323	21.8	0.0433	32.6	0.00156	0.000969	0.00000513	0.0066	0.00219	0.0367	0.0247	0.00000535	25.8	0.0000191	0.000861	0.000342	0.0013
2116 May	135	0.0769	0.0959	0.00324	22.1	0.043	32.8	0.00157	0.000974	0.00000515	0.00662	0.00222	0.0367	0.0254	0.00000538	26.4	0.0000194	0.00087	0.000355	0.00131
2116 Jun	145	0.0723	0.108	0.00357	22.5	0.0426	37.3	0.00164	0.000939	0.00000502	0.00632	0.00233	0.0408	0.0248	0.00000529	26.6	0.00002	0.000965	0.000358	0.00132
2116 Jul	152	0.075	0.114	0.00377	23.5	0.0447	39.4	0.00172	0.000978	0.00000524	0.00658	0.00244	0.0431	0.0256	0.00000552	27.7	0.0000209	0.00102	0.000369	0.00138
2116 Aug	156	0.0774	0.118	0.00388	24.2	0.0462	40.6	0.00177	0.00101	0.00000541	0.0068	0.00251	0.0445	0.0264	0.00000571	28.6	0.0000215	0.00105	0.000381	0.00142
2116 Sep	145	0.077	0.108	0.0036	22.8	0.0447	37.3	0.00167	0.000979	0.00000522	0.00668	0.00235	0.0412	0.025	0.00000549	26.9	0.0000204	0.000967	0.000353	0.00135
2116 Oct	138	0.0772	0.101	0.00343	21.8	0.044	35.4	0.00161	0.000951	0.00000506	0.00659	0.00224	0.0394	0.0236	0.00000532	25.6	0.0000196	0.000914	0.000328	0.0013
2116 Nov	138	0.0776	0.102	0.00343	21.8	0.0442	35.5	0.00161	0.000952	0.00000507	0.0066	0.00224	0.0395	0.0236	0.00000532	25.5	0.0000196	0.000915	0.000326	0.0013
2116 Dec	138	0.0776	0.101	0.00343	21.8	0.0442	35.5	0.00161	0.000952	0.00000507	0.00661	0.00224	0.0394	0.0236	0.00000532	25.5	0.0000196	0.000915	0.000326	0.0013
2117 Jan	138	0.0776	0.101	0.00343	21.8	0.0442	35.4	0.00161	0.000952	0.00000507	0.00661	0.00224	0.0394	0.0236	0.00000532	25.5	0.0000196	0.000915	0.000326	0.0013
2117 Feb	138	0.0776	0.101	0.00343	21.8	0.0442	35.4	0.00161	0.000952	0.00000507	0.00661	0.00224	0.0394	0.0236	0.00000532	25.6	0.0000196	0.000915	0.000327	0.0013
2117 Mar	138	0.0777	0.102	0.00343	21.8	0.0442	35.5	0.00161	0.000953	0.00000507	0.00661	0.00225	0.0395	0.0236	0.00000533	25.6	0.0000196	0.000916	0.000327	0.00131
2117 Apr	139	0.0782	0.102	0.00345	21.9	0.0445	35.7	0.00162	0.000959	0.0000051	0.00665	0.00226	0.0397	0.0238	0.00000536	25.7	0.0000197	0.000921	0.000329	0.00131
2117 May	140	0.0785	0.102	0.00345	22.2	0.0443	35.7	0.00163	0.000967	0.00000514	0.00669	0.00228	0.0396	0.0244	0.0000054	26.2	0.00002	0.000925	0.000341	0.00133
2117 Jun	144	0.0781	0.105	0.00351	22.9	0.044	36.6	0.00165	0.000976	0.0000052	0.0067	0.00235	0.0403	0.0258	0.00000546	27.4	0.0000205	0.000956	0.000368	0.00136
2117 Jul	150	0.081	0.109	0.00365	23.7	0.0457	37.9	0.00172	0.00102	0.00000541	0.00697	0.00244	0.0418	0.0268	0.00000568	28.5	0.0000214	0.000992	0.000382	0.00141
2117 Aug	152	0.0822	0.11	0.0037	24.1	0.0466	38.5	0.00175	0.00104	0.00000551	0.0071	0.00248	0.0425	0.0273	0.00000579	28.9	0.0000217	0.00101	0.000388	0.00144
2117 Sep	152	0.0828	0.11	0.00371	24.2	0.0469	38.6	0.00176	0.00104	0.00000555	0.00714	0.00249	0.0426	0.0274	0.00000582	29	0.0000218	0.00101	0.000389	0.00144
2117 Oct	149	0.0821	0.107	0.00362	23.7	0.0462	37.5	0.00172	0.00103	0.00000546	0.00707	0.00244	0.0415	0.0269	0.00000573	28.4	0.0000214	0.000983	0.00038	0.00142
2117 Nov	146	0.0819	0.105	0.00356	23.4	0.0459	36.9	0.0017	0.00102	0.00000542	0.00704	0.0024	0.0409	0.0266	0.00000568	28.1	0.0000212	0.000967	0.000374	0.0014
2117 Dec	146	0.082	0.105	0.00355	23.3	0.0458	36.7	0.00169	0.00102	0.00000541	0.00703	0.0024	0.0407	0.0265	0.00000567	28	0.0000211	0.000962	0.000373	0.0014
2118 Jan	146	0.082	0.104	0.00354	23.3	0.0458	36.6	0.00169	0.00102	0.00000541	0.00704	0.00239	0.0407	0.0265	0.00000567	28	0.0000211	0.000961	0.000373	0.0014
2118 Feb	146	0.0821	0.104	0.00354	23.3	0.0458	36.6	0.00169	0.00102	0.00000541	0.00704	0.00239	0.0407	0.0265	0.00000567	28	0.0000211	0.000961	0.000373	0.0014
2118 Mar	146	0.0821	0.104	0.00354	23.4	0.0458	36.6	0.00169	0.00102	0.00000541	0.00704	0.0024	0.0407	0.0266	0.00000567	28	0.0000211	0.000962	0.000374	0.0014
2118 Apr	146	0.0824	0.105	0.00355	23.4	0.046	36.8	0.0017	0.00102	0.00000543	0.00706	0.0024	0.0408	0.0267	0.00000569	28.2	0.0000212	0.000965	0.000375	0.0014
2118 May	143	0.0802	0.101	0.00341	23.3	0.0437	35.3	0.00165	0.00101	0.00000534	0.00691	0.00237	0.039	0.0276	0.00000558	28.5	0.0000211	0.000941	0.000396	0.00139
2118 Jun	147	0.0766	0.107	0.00356	23.4	0.043	37.8	0.00167	0.000967	0.00000516	0.00657	0.00242	0.0411	0.0271	0.00000543	28.5	0.0000209	0.000993	0.000396	0.00138
2118 Jul	155	0.0802	0.112	0.00374	24.5	0.0452	39.6	0.00175	0.00102	0.00000542	0.0069	0.00254	0.0432	0.0284	0.0000057	29.9	0.0000219	0.00104	0.000415	0.00145
2118 Aug	148	0.0777	0.107	0.00358	23.6	0.0444	37.7	0.0017	0.000998	0.00000532	0.00674	0.00245	0.0414	0.0274	0.00000559	28.8	0.000021	0.000994	0.000397	0.0014
2118 Sep	140	0.0771	0.101	0.00343	22.3	0.044	36	0.00163	0.000962	0.00000512	0.00658	0.00232	0.0398	0.0253	0.00000538	27	0.0000198	0.000942	0.000358	0.00134
2118 Oct	142	0.0783	0.104	0.00352	22.2	0.045	37.3	0.00165	0.000951	0.00000508	0.00658	0.00233	0.0412	0.0243	0.00000535	26.5	0.0000197	0.000962	0.000341	0.00133
2118 Nov	142	0.0789	0.104	0.00354	22.2	0.0453	37.6	0.00166	0.000951	0.00000508	0.00659	0.00234	0.0415	0.0241	0.00000535	26.4	0.0000198	0.000967	0.000337	0.00134
2118 Dec	142	0.079	0.104	0.00354	22.2	0.0453	37.6	0.00166	0.000951	0.00000508	0.0066	0.00233	0.0415	0.0241	0.00000535	26.4	0.0000198	0.000966	0.000337	0.00134
2119 Jan	142	0.079	0.104	0.00354	22.2	0.0453	37.6	0.00166	0.000951	0.00000508	0.0066	0.00233	0.0415	0.0241	0.00000536	26.4	0.0000198	0.000966	0.000337	0.00134
2119 Feb	142	0.079	0.104	0.00354	22.2	0.0453	37.6	0.00166	0.000951	0.00000508	0.0066	0.00233	0.0415	0.0241	0.00000536	26.4	0.0000198	0.000966	0.000337	0.00134
2119 Mar	142	0.0792	0.104	0.00355	22.2	0.0454	37.6	0.00166	0.000953	0.00000509	0.00661	0.00234	0.0416	0.0242	0.00000537	26.4	0.0000198	0.000968	0.000338	0.00134
2119 Apr	143	0.0799	0.105	0.00356	22.4	0.0456	37.8	0.00167	0.000959	0.00000512	0.00665	0.00236	0.0417	0.0246	0.0000054	26.8	0.0000199	0.000973	0.000344	0.00135
2119 May	145	0.0792	0.105	0.00353	23.1	0.044	37.9	0.00166	0.00095	0.00000508	0.00651	0.00241	0.0414	0.0266	0.00000535	28.2	0.0000202	0.000992	0.000385	0.00138
2119 Jun	147	0.0773	0.108	0.00362	23	0.044	39	0.00168	0.000946	0.00000507	0.00647	0.00244	0.0425	0.0262	0.00000535	28.1	0.0000204	0.00102	0.000381	0.00137
2119 Jul	152	0.0795	0.111	0.00374	23.8	0.0457	40.2	0.00175	0.000988	0.00000529	0.00676	0.00252	0.0439	0.0271	0.00000558	29	0.0000213	0.00105	0.000393	0.00142
2119 Aug	152	0.0799	0.11	0.00373	23.8	0.0462	40	0.00176	0.001	0.00000535	0.00682	0.00253	0.0439	0.0272	0.00000564	29.1	0.0000212	0.00105	0.000392	0.00143
2119 Sep	144	0.0777	0.104	0.00353	22.8	0.0449	37.6	0.00168	0.000974	0.00000519	0.00665	0.00241	0.0415	0.026	0.00000547	27.8	0.0000203	0.000986	0.000371	0.00137
2119 Oct	141	0.0776	0.102	0.00348	22.2	0.0446	37.1	0.00165	0.000956	0.0000051	0.00657	0.00236	0.041	0.0252	0.00000537	27.1	0.0000199	0.000967	0.000356	0.00134
2119 Nov	141	0.0786	0.102	0.00351	22.1	0.0452	37.5	0.00166	0.000952	0.00000509	0.00659	0.00235	0.0414	0.0247	0.00000536	26.8	0.0000198	0.000972	0.000347	0.00134
2119 Dec	141	0.0787	0.102	0.00351	22.1	0.0452	37.4	0.00166	0.000953	0.00000509	0.0066	0.00235	0.0414	0.0247	0.00000536	26.8	0.0000198	0.000971	0.000346	0.00134

Appendix D.2-7: A6

Constituents	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0378	0.000009	0.797	1.08	0.00912	0.0000998	2.34	0.0009	0.0409	0.0000183	0.0000193	0.000038	0.0449	0.0000018	0.0000462	0.000178	0.00105	0
Operation (2026-2036): Mean	0.0513	0.0000101	1.17	1.92	0.0187	0.000457	4.25	0.00107	0.0545	0.000104	0.0000738	0.0000485	0.0782	0.00000202	0.0000778	0.000328	0.00134	0
Operation (2026-2036): Max	0.098	0.0000128	1.86	3.79	0.082	0.000601	6.52	0.00172	0.0662	0.000691	0.000233	0.000107	0.149	0.00000257	0.0000923	0.00106	0.00218	0
Active Closure (2037-2043): Min	0.0397	0.00000816	0.954	1.53	0.00913	0.000145	3.27	0.00085	0.0408	0.0000231	0.0000231	0.0000348	0.0629	0.00000163	0.0000502	0.000177	0.000956	1.7E-15
Active Closure (2037-2043): Mean	0.0653	0.00000899	1.29	2.45	0.0467	0.00022	4.53	0.0012	0.0468	0.000383	0.000157	0.0000702	0.0964	0.0000018	0.0000607	0.000652	0.00154	2.05E-15
Active Closure (2037-2043): Max	0.0924	0.00000964	1.74	3.64	0.0794	0.000471	6.22	0.00152	0.054	0.000673	0.000183	0.000101	0.142	0.00000193	0.000072	0.000978	0.00169	2.19E-15
Post Closure (2044-2119): Min	0.04	0.00000697	1.1	1.81	0.0214	0.000197	4.72	0.00129	0.034	0.000151	0.000145	0.0000584	0.0708	0.00000185	0.0000608	0.000393	0.00134	2.02E-15
Post Closure (2044-2119): Mean	0.0572	0.00000862	1.9	3.43	0.0465	0.000455	9.24	0.0024	0.0397	0.000328	0.000202	0.00011	0.124	0.0000021	0.000169	0.000604	0.00154	0.0000554
Post Closure (2044-2119): Max	0.0733	0.0000108	3.08	5.77	0.0745	0.00088	11.2	0.00429	0.046	0.000486	0.000299	0.000189	0.194	0.0000024	0.000368	0.000827	0.00177	0.0000821
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0.0624	0.00000928	1.25	2.3	0.0402	0.000266	4.38	0.00116	0.0484	0.00032	0.000142	0.000065	0.0916	0.00000186	0.0000638	0.000583	0.00152	0
2026 Feb	0.0624	0.00000928	1.25	2.3	0.0403	0.000266	4.38	0.00116	0.0484	0.00032	0.000142	0.000065	0.0917	0.00000186	0.0000639	0.000584	0.00152	0
2026 Mar	0.0625	0.00000929	1.26	2.3	0.0404	0.000266	4.39	0.00116	0.0485	0.000321	0.000142	0.0000651	0.0918	0.00000186	0.0000639	0.000585	0.00152	0
2026 Apr	0.0627	0.00000931	1.26	2.31	0.0405	0.000267	4.4	0.00117	0.0486	0.000322	0.000142	0.0000653	0.0921	0.00000186	0.0000641	0.000587	0.00153	0
2026 May	0.0634	0.00000941	1.27	2.34	0.041	0.00027	4.45	0.00118	0.0491	0.000325	0.000144	0.000066	0.0932	0.00000188	0.0000648	0.000593	0.00154	0
2026 Jun	0.0573	0.00000938	1.16	2.03	0.0344	0.000225	3.93	0.00112	0.0473	0.00027	0.000162	0.0000596	0.0813	0.00000188	0.0000602	0.000563	0.00165	0
2026 Jul	0.058	0.0000097	1.18	2.04	0.0342	0.000225	3.96	0.00114	0.0486	0.000267	0.000169	0.0000604	0.0817	0.00000194	0.0000613	0.000572	0.00172	0
2026 Aug	0.0579	0.0000102	1.22	2.05	0.0322	0.000263	4.13	0.00118	0.0501	0.000246	0.000157	0.0000621	0.0833	0.00000204	0.000064	0.000527	0.00171	0
2026 Sep	0.0513	0.0000105	1.2	1.93	0.02	0.000437	4.31	0.00111	0.0533	0.00012	0.0000817	0.0000541	0.0797	0.00000209	0.0000749	0.000325	0.00142	0
2026 Oct	0.0475	0.00000999	1.13	1.82	0.012	0.000539	4.26	0.00102	0.0557	0.000044	0.0000352	0.000043	0.0748	0.000002	0.0000829	0.000227	0.00117	0
2026 Nov	0.0478	0.0000101	1.14	1.84	0.0118	0.000548	4.3	0.00102	0.0564	0.0000417	0.0000338	0.0000431	0.0754	0.00000202	0.0000841	0.000225	0.00117	0
2026 Dec	0.0479	0.0000101	1.14	1.84	0.0118	0.00055	4.3	0.00102	0.0565	0.0000413	0.0000336	0.0000431	0.0755	0.00000202	0.0000842	0.000225	0.00117	0
2027 Jan	0.0484	0.0000101	1.15	1.86	0.0125	0.000549	4.33	0.00103	0.0566	0.0000445	0.0000343	0.0000434	0.0763	0.00000202	0.0000843	0.000232	0.00117	0
2027 Feb	0.0492	0.0000101	1.16	1.9	0.0136	0.000547	4.38	0.00104	0.0566	0.0000495	0.0000353	0.0000438	0.0776	0.00000202	0.0000844	0.000242	0.00118	0
2027 Mar	0.0498	0.0000101	1.17	1.92	0.0143	0.000547	4.42	0.00105	0.0568	0.000053	0.0000361	0.0000442	0.0786	0.00000202	0.0000846	0.000249	0.00118	0
2027 Apr	0.0508	0.0000102	1.2	1.97	0.015	0.000553	4.49	0.00106	0.0575	0.0000562	0.0000371	0.000045	0.0802	0.00000204	0.0000856	0.000258	0.00119	0
2027 May	0.0535	0.0000106	1.25	2.07	0.0167	0.000571	4.71	0.00111	0.0598	0.0000673	0.0000405	0.0000476	0.0845	0.00000212	0.0000889	0.000279	0.00125	0
2027 Jun	0.0446	0.00000979	0.967	1.44	0.0168	0.000226	3.11	0.00101	0.0476	0.000106	0.00017	0.0000443	0.059	0.00000196	0.0000592	0.000437	0.00178	0
2027 Jul	0.0426	0.00001	0.902	1.25	0.0156	0.000134	2.69	0.00101	0.0459	0.000105	0.000213	0.0000436	0.0515	0.000002	0.0000526	0.00048	0.00202	0
2027 Aug	0.0432	0.0000107	1.04	1.44	0.0144	0.000264	3.35	0.00108	0.048	0.0000798	0.000155	0.0000505	0.0612	0.00000215	0.0000597	0.000356	0.00181	0
2027 Sep	0.0443	0.0000101	1.12	1.72	0.0101	0.000527	4.14	0.00101	0.0535	0.0000243	0.0000335	0.000044	0.0718	0.00000202	0.0000792	0.000187	0.00118	0
2027 Oct	0.0465	0.00000994	1.12	1.8	0.00947	0.000574	4.27	0.000994	0.0568	0.0000193	0.0000209	0.00004	0.0737	0.00000199	0.0000858	0.000195	0.0011	0
2027 Nov	0.0467	0.00000996	1.12	1.81	0.00948	0.000577	4.28	0.000996	0.0571	0.0000192	0.0000205	0.00004	0.074	0.00000199	0.0000863	0.000196	0.0011	0
2027 Dec	0.0467	0.00000995	1.12	1.81	0.00948	0.000577	4.28	0.000995	0.057	0.0000191	0.0000205	0.00004	0.0739	0.00000199	0.0000862	0.000196	0.0011	0
2028 Jan	0.0483	0.00000996	1.15	1.88	0.0117	0.000574	4.38	0.00101	0.0572	0.0000299	0.0000229	0.000041	0.0767	0.00000199	0.0000864	0.000218	0.00111	0
2028 Feb	0.0507	0.00000996	1.19	1.99	0.015	0.00057	4.52	0.00104	0.0574	0.0000457	0.0000264	0.0000425	0.0807	0.00000199	0.0000867	0.00025	0.00112	0
2028 Mar	0.0523	0.00000996	1.21	2.06	0.0172	0.000567	4.61	0.00106	0.0576	0.000056	0.0000287	0.0000435	0.0833	0.00000199	0.0000869	0.000271	0.00112	0
2028 Apr	0.054	0.0000101	1.24	2.13	0.0189	0.00057	4.72	0.00108	0.0583	0.0000641	0.0000307	0.0000447	0.0861	0.00000201	0.0000879	0.000289	0.00114	0
2028 May	0.0571	0.0000105	1.31	2.25	0.0208	0.000592	4.97	0.00114	0.0608	0.0000738	0.0000336	0.0000473	0.0909	0.0000021	0.0000916	0.000312	0.00119	0
2028 Jun	0.0449	0.00000993	0.969	1.43	0.0168	0.000219	3.09	0.00102	0.0481	0.000099	0.000178	0.0000437	0.0587	0.00000199	0.0000593	0.000449	0.00184	0
2028 Jul	0.0447	0.0000107	0.938	1.27	0.0159	0.000117	2.75	0.00106	0.0481	0.00011	0.000233	0.0000459	0.0525	0.00000213	0.0000537	0.000506	0.00217	0
2028 Aug	0.0481	0.0000118	1.1	1.51	0.0158	0.000233	3.47	0.00117	0.0526	0.0000977	0.000192	0.0000539	0.0637	0.00000236	0.0000626	0.000422	0.00209	0
2028 Sep	0.0463	0.0000108	1.13	1.67	0.0121	0.000434	3.97	0.00108	0.0541	0.0000497	0.0000882	0.0000477	0.0699	0.00000216	0.0000748	0.000271	0.0015	0
2028 Oct	0.0461	0.00000987	1.11	1.77	0.00952	0.00056	4.2	0.000987	0.0562	0.000021	0.0000248	0.0000398	0.0727	0.00000197	0.0000844	0.000199	0.00111	0
2028 Nov	0.0465	0.00000996	1.12	1.79	0.00958	0.000567	4.25	0.000996	0.0567	0.0000208	0.0000242	0.0000401	0.0734	0.00000199	0.0000854	0.0002	0.00112	0
2028 Dec	0.0466	0.00000997	1.12	1.8	0.00959	0.000568	4.25	0.000997	0.0568	0.0000208	0.0000242	0.0000402	0.0735	0.00000199	0.0000855	0.0002	0.00112	0
2029 Jan	0.047	0.00000997	1.13	1.82	0.0102	0.000568	4.28	0.001	0.0569	0.0000238	0.0000248	0.0000405	0.0743	0.00000199	0.0000856	0.000206	0.00112	0
2029 Feb	0.0477	0.00000997	1.14	1.85	0.0111	0.000566	4.32	0.00101	0.0569	0.000028	0.0000258	0.0000409	0.0754	0.00000199	0.0000857	0.000215	0.00112	0
2029 Mar	0.0482	0.00000998	1.15	1.86	0.0117	0.000566	4.35	0.00101	0.057	0.0000309	0.0000264	0.0000412	0.0761	0.000002	0.0000857	0.000221	0.00113	0
2029 Apr	0.0486	0.00001	1.15	1.88	0.0122	0.000567	4.38	0.00102	0.0572	0.0000331	0.0000269	0.0000415	0.0769	0.000002	0.000086	0.000225	0.00113	0
2029 May	0.0498	0.0000102	1.18	1.93	0.0127	0.000578	4.48	0.00104	0.0584	0.0000355	0.0000279	0.0000425	0.0788	0.00000204	0.0000878	0.000233	0.00116	0
2029 Jun	0.0484	0.0000104	1.1	1.7	0.0146	0.000404	3.85	0.00106	0.0548	0.0000689	0.000109	0.0000444	0.0697	0.00000208	0.0000754	0.000351	0.00156	0
2029 Jul	0.0393	0.00000943	0.826	1.11	0.0141	0.0000998	2.4	0.000941	0.0425	0.0000972	0.000211	0.0000405	0.0461	0.00000189	0.0000474	0.000459	0.00195	0
2029 Aug	0.0417	0.0000102	0.924	1.25	0.0144	0.000161	2.8	0.00101	0.0455	0.0000923	0.000194	0.0000453	0.0525	0.00000203	0.0000527	0.000425	0.00194	0
2029 Sep	0.0448	0.0000104	1.08	1.61	0.0119	0.000412	3.78	0.00104	0.0524	0.0000494	0.0000927	0.0000455	0.067	0.00000208	0.0000723	0.00028	0.00149	0
2029 Oct	0.0459	0.00001	1.1	1.74	0.0101	0.000524	4.1	0.001	0.0554	0.0000282	0.0000424	0.0000413	0.0714	0.00000201	0.0000816	0.000221	0.00121	0
2029 Nov	0.0455	0.00000974	1.09	1.75	0.00938	0.000555	4.15	0.000974	0.0555	0.0000204	0.0000242	0.0000392	0.0718	0.00000195	0.0000836	0.000197	0.0011	0
2029 Dec	0.0456	0.00000977	1.1	1.76	0.0094	0.000557	4.17	0.000976	0.0557	0.0000204	0.000024	0.0000393	0.072	0.00000195	0.0000838	0.000197	0.0011	0
2030 Jan	0.0465	0.00000977	1.11	1.8	0.0105	0.000556	4.21	0.000986	0.0558	0.0000255	0.0000251	0.0000398	0.0734	0.00000195	0.000084	0.000208	0.0011	0
2030 Feb	0.0476	0.00000977	1.13	1.84	0.012	0.000554	4.28	0.000999	0.0559	0.0000328	0.0000267	0.0000405	0.0752	0.00000195	0.0000841	0.000222	0.00111	0
2030 Mar	0.0484	0.00000979	1.14	1.88	0.013	0.000553	4.33	0.00101	0.0561	0.0000375	0.0000278	0.000041	0.0765	0.00000196	0.0000843	0.000232	0.00111	0
2030 Apr	0.0491	0.00000983	1.15	1.91	0.0137	0.000554	4.37	0.00102	0.0563	0.000041	0.0000286	0.0000415	0.0777	0.00000197	0.0000847	0.00024	0.00112	0
2030 May	0.0512	0.0000102	1.2	1.99	0.0146	0.000574	4.55	0.00106	0.0584	0.0000449	0.0000302	0.0000433	0.081	0.00000204	0.0000878	0.000253	0.00116	0
2030 Jun	0.0444	0.00001	0.973	1.43	0.015	0.000249	3.15	0.00101	0.0491	0.0000849	0.000166	0.000043	0.0586	0.000002	0.0000617	0.00042	0.00179	0
2030 Jul	0.0424	0.0000101	0.887	1.2	0.0149	0.000113	2.61	0.001	0.0455	0.000104	0.000217	0.0000434	0.0497	0.00000202	0.0000508	0.000471	0.00204	0
2030 Aug	0.0458	0.0000111	1.02	1.4	0.0148	0.000201	3.21	0.0011	0.0494	0.0000973	0.000183	0.0000497	0.0587	0.00000222	0.0000579	0.000397	0.00196	0
2030 Sep	0.0477	0.0000116	1.15	1.63	0.0139	0.000355	3.87	0.00115	0.0538	0.0000711	0.000129	0.000053	0.069	0.00000231	0.0000697	0.000316	0.00176	0
2030 Oct	0.047	0.0000106	1.13	1.72	0.0113	0.000479	4.09	0.00106	0.0554	0.0000416	0.0000673	0.0000454	0.0715	0.00000212	0.0000788	0.000248	0.00138	0
2030 Nov	0.0463	0.0000101	1.11	1.75	0.0102	0.000527	4.15	0.00101	0.0558	0.0000292	0.0000416	0.0000419	0.0721	0.00000203	0.000082	0.000218	0.00122	0
2030 Dec	0.0464	0.0000101	1.12	1.76	0.0102	0.00053	4.16	0.00101	0.0559	0.0000286	0.0000404	0.0000419	0.0723	0.00000203	0.0000824	0.000217	0.00121	0
2031 Jan	0.0475	0.0000101	1.13	1.8	0.0116	0.000529	4.22	0.00102	0.056	0.0000351	0.0000415	0.0000425	0.074	0.00000203	0.0000826	0.00023	0.00121	0

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.0489	0.0000101	1.15	1.87	0.0135	0.000527	4.31	0.00104	0.0562	0.0000444	0.0000434	0.0000434	0.0764	0.00000203	0.0000828	0.000249	0.00122	0
2031 Mar	0.0499	0.0000101	1.17	1.91	0.0148	0.000526	4.37	0.00105	0.0563	0.0000506	0.0000447	0.000044	0.078	0.00000203	0.0000829	0.000261	0.00122	0
2031 Apr	0.0512	0.0000103	1.2	1.96	0.016	0.000531	4.46	0.00107	0.0571	0.0000557	0.0000461	0.0000449	0.0801	0.00000205	0.000084	0.000274	0.00124	0
2031 May	0.06	0.0000106	1.34	2.32	0.0265	0.000518	4.96	0.00119	0.0594	0.000151	0.000067	0.0000555	0.0938	0.00000213	0.0000864	0.000392	0.00135	0
2031 Jun	0.098	0.000011	1.86	3.79	0.082	0.000249	6.52	0.00165	0.0597	0.000691	0.00022	0.000107	0.149	0.00000219	0.0000775	0.00106	0.00196	0
2031 Jul	0.0972	0.0000128	1.86	3.57	0.0711	0.000267	6.48	0.00172	0.0662	0.000601	0.000226	0.000104	0.141	0.00000257	0.0000825	0.00095	0.00218	0
2031 Aug	0.0609	0.0000114	1.34	2.19	0.0298	0.000334	4.73	0.00126	0.0531	0.000232	0.0001	0.0000689	0.0901	0.00000229	0.0000676	0.000359	0.00153	0
2031 Sep	0.0457	0.0000101	1.14	1.78	0.0123	0.000512	4.23	0.00103	0.0527	0.0000478	0.0000311	0.0000471	0.0742	0.00000202	0.0000772	0.000187	0.00115	0
2031 Oct	0.0455	0.00000971	1.1	1.76	0.00935	0.000562	4.18	0.000972	0.0556	0.0000198	0.0000199	0.0000391	0.0722	0.00000194	0.000084	0.000191	0.00107	0
2031 Nov	0.0461	0.00000982	1.11	1.78	0.00942	0.000569	4.23	0.000982	0.0562	0.0000197	0.00002	0.0000395	0.073	0.00000196	0.000085	0.000193	0.00109	0
2031 Dec	0.0461	0.00000983	1.11	1.79	0.00943	0.00057	4.23	0.000983	0.0563	0.0000197	0.00002	0.0000395	0.0731	0.00000197	0.0000851	0.000193	0.00109	0
2032 Jan	0.0467	0.00000983	1.12	1.81	0.0102	0.000569	4.26	0.000989	0.0564	0.0000232	0.0000208	0.0000399	0.074	0.00000197	0.0000852	0.0002	0.00109	0
2032 Feb	0.0475	0.00000983	1.13	1.84	0.0112	0.000567	4.31	0.000998	0.0565	0.0000283	0.000022	0.0000404	0.0753	0.00000197	0.0000853	0.000211	0.00109	0
2032 Mar	0.048	0.00000984	1.14	1.87	0.012	0.000567	4.34	0.00101	0.0565	0.0000317	0.0000228	0.0000407	0.0762	0.00000197	0.0000854	0.000218	0.00109	0
2032 Apr	0.0487	0.00000991	1.15	1.9	0.0126	0.00057	4.39	0.00102	0.057	0.0000344	0.0000235	0.0000413	0.0774	0.00000198	0.000086	0.000224	0.0011	0
2032 May	0.0508	0.0000102	1.2	1.98	0.0136	0.000588	4.57	0.00106	0.0589	0.0000405	0.0000254	0.0000431	0.0807	0.00000205	0.0000889	0.000239	0.00114	0
2032 Jun	0.0437	0.00000979	0.953	1.4	0.0152	0.000235	3.07	0.000995	0.0478	0.0000913	0.000166	0.0000427	0.0575	0.00000196	0.0000598	0.00042	0.00177	0
2032 Jul	0.0378	0.000009	0.797	1.08	0.0136	0.000108	2.34	0.0009	0.0409	0.000092	0.000197	0.0000388	0.0449	0.0000018	0.0000462	0.000433	0.00184	0
2032 Aug	0.0392	0.0000098	0.94	1.29	0.0128	0.000233	3.01	0.000978	0.0435	0.0000714	0.000143	0.0000458	0.0549	0.00000196	0.0000537	0.000322	0.00166	0
2032 Sep	0.042	0.0000105	1.12	1.62	0.0111	0.000452	3.97	0.00105	0.0497	0.0000345	0.0000593	0.0000501	0.0694	0.0000021	0.0000702	0.00019	0.00134	0
2032 Oct	0.0447	0.0000104	1.14	1.73	0.0106	0.000514	4.17	0.00104	0.0537	0.0000285	0.0000436	0.0000466	0.0725	0.00000209	0.0000783	0.000196	0.00126	0
2032 Nov	0.0457	0.0000103	1.14	1.77	0.0102	0.000541	4.23	0.00103	0.0552	0.0000248	0.0000345	0.0000441	0.0733	0.00000205	0.0000818	0.000196	0.0012	0
2032 Dec	0.0459	0.0000101	1.12	1.77	0.00977	0.000555	4.23	0.00101	0.0558	0.0000219	0.0000274	0.0000418	0.0732	0.00000201	0.0000835	0.000195	0.00115	0
2033 Jan	0.0481	0.0000101	1.16	1.87	0.0127	0.000553	4.36	0.00103	0.0561	0.0000358	0.0000302	0.000043	0.0768	0.00000201	0.0000838	0.000224	0.00115	0
2033 Feb	0.0508	0.0000101	1.2	1.99	0.0164	0.000548	4.52	0.00106	0.0564	0.0000536	0.0000341	0.0000447	0.0813	0.00000201	0.0000842	0.00026	0.00116	0
2033 Mar	0.0525	0.0000101	1.23	2.07	0.0186	0.000547	4.62	0.00108	0.0567	0.0000638	0.0000363	0.0000458	0.0841	0.00000202	0.0000846	0.000281	0.00117	0
2033 Apr	0.0543	0.0000102	1.26	2.14	0.0202	0.000553	4.75	0.00111	0.0576	0.0000713	0.0000383	0.0000471	0.0871	0.00000205	0.000086	0.000299	0.00119	0
2033 May	0.0798	0.0000103	1.62	3.17	0.0564	0.000422	5.94	0.0014	0.0586	0.000424	0.000115	0.0000808	0.126	0.00000206	0.0000832	0.000703	0.00146	0
2033 Jun	0.0856	0.00000933	1.61	3.32	0.073	0.000202	5.66	0.00143	0.0509	0.000616	0.000193	0.0000939	0.13	0.00000187	0.0000658	0.000935	0.00169	0
2033 Jul	0.0869	0.00000998	1.64	3.32	0.0718	0.000208	5.74	0.00148	0.0535	0.000605	0.000203	0.0000948	0.13	0.000002	0.0000684	0.000937	0.0018	0
2033 Aug	0.0886	0.0000115	1.75	3.39	0.0681	0.000281	6.13	0.00158	0.0591	0.000564	0.000193	0.0000987	0.134	0.00000229	0.0000762	0.000877	0.00191	0
2033 Sep	0.0489	0.00000997	1.17	1.9	0.0147	0.000533	4.37	0.00104	0.0552	0.0000678	0.0000354	0.0000461	0.078	0.00000199	0.000082	0.000243	0.00116	0
2033 Oct	0.0445	0.00000946	1.07	1.72	0.00912	0.00055	4.08	0.000947	0.0543	0.0000192	0.0000193	0.000038	0.0705	0.00000189	0.0000822	0.000187	0.00105	0
2033 Nov	0.0449	0.00000954	1.08	1.74	0.00917	0.000555	4.11	0.000955	0.0548	0.0000191	0.0000194	0.0000383	0.0711	0.00000191	0.0000829	0.000189	0.00106	0
2033 Dec	0.0449	0.00000955	1.08	1.74	0.00918	0.000556	4.12	0.000956	0.0549	0.0000191	0.0000194	0.0000383	0.0712	0.00000191	0.000083	0.000189	0.00106	0
2034 Jan	0.0452	0.00000956	1.08	1.75	0.00947	0.000555	4.13	0.000959	0.0549	0.0000205	0.0000197	0.0000385	0.0715	0.00000191	0.0000831	0.000192	0.00106	0
2034 Feb	0.0455	0.00000956	1.09	1.76	0.00988	0.000555	4.15	0.000962	0.055	0.0000225	0.0000202	0.0000387	0.072	0.00000191	0.0000831	0.000196	0.00106	0
2034 Mar	0.0457	0.00000957	1.09	1.77	0.0102	0.000555	4.17	0.000965	0.055	0.0000238	0.0000205	0.0000388	0.0724	0.00000191	0.0000832	0.000199	0.00106	0
2034 Apr	0.0463	0.00000966	1.11	1.8	0.0105	0.00056	4.21	0.000976	0.0556	0.000025	0.0000209	0.0000393	0.0734	0.00000193	0.000084	0.000203	0.00107	0
2034 May	0.0541	0.00000999	1.23	2.11	0.0199	0.000545	4.65	0.00108	0.0575	0.00011	0.0000405	0.0000488	0.0854	0.000002	0.0000858	0.000309	0.00117	0
2034 Jun	0.0854	0.00000968	1.65	3.36	0.0684	0.00031	5.95	0.00144	0.0549	0.00057	0.000155	0.0000914	0.132	0.00000194	0.000075	0.000854	0.00155	0
2034 Jul	0.0824	0.00001	1.6	3.18	0.0626	0.000299	5.73	0.00141	0.0551	0.000522	0.000154	0.0000874	0.125	0.000002	0.0000737	0.000792	0.00158	0
2034 Aug	0.0823	0.0000115	1.69	3.19	0.0577	0.000378	6.06	0.00151	0.0599	0.000466	0.000142	0.0000909	0.128	0.00000229	0.0000809	0.000716	0.00169	0
2034 Sep	0.0512	0.0000101	1.2	1.99	0.0165	0.000542	4.52	0.00107	0.0566	0.0000846	0.0000378	0.000048	0.0814	0.00000203	0.0000841	0.000265	0.00118	0
2034 Oct	0.0465	0.00000989	1.12	1.8	0.00946	0.000576	4.26	0.000989	0.0568	0.0000194	0.0000199	0.0000396	0.0736	0.00000198	0.000086	0.000195	0.00109	0
2034 Nov	0.0473	0.0000101	1.14	1.83	0.00961	0.000586	4.34	0.00101	0.0579	0.0000196	0.0000203	0.0000403	0.0749	0.00000201	0.0000875	0.000199	0.00111	0
2034 Dec	0.0474	0.0000101	1.14	1.83	0.00962	0.000587	4.34	0.00101	0.0579	0.0000196	0.0000203	0.0000403	0.075	0.00000201	0.0000876	0.000199	0.00111	0
2035 Jan	0.048	0.0000101	1.15	1.86	0.0104	0.000585	4.38	0.00101	0.058	0.0000234	0.0000211	0.0000407	0.076	0.00000201	0.0000877	0.000207	0.00112	0
2035 Feb	0.0488	0.0000101	1.16	1.9	0.0116	0.000584	4.43	0.00102	0.058	0.0000289	0.0000224	0.0000412	0.0774	0.00000202	0.0000878	0.000218	0.00112	0
2035 Mar	0.0494	0.0000101	1.17	1.92	0.0123	0.000583	4.46	0.00103	0.0581	0.0000326	0.0000232	0.0000416	0.0783	0.00000202	0.0000879	0.000225	0.00112	0
2035 Apr	0.0503	0.0000102	1.19	1.96	0.013	0.000588	4.53	0.00105	0.0587	0.0000356	0.000024	0.0000423	0.0798	0.00000204	0.0000888	0.000233	0.00113	0
2035 May	0.055	0.0000106	1.28	2.15	0.0172	0.000601	4.85	0.00112	0.0614	0.0000705	0.0000326	0.0000474	0.0872	0.00000213	0.0000923	0.000283	0.00121	0
2035 Jun	0.0617	0.00000945	1.22	2.2	0.0415	0.000183	4.07	0.00118	0.0477	0.000335	0.000191	0.0000656	0.0875	0.00000189	0.0000592	0.00067	0.00178	0
2035 Jul	0.0604	0.00000997	1.2	2.09	0.0379	0.000176	3.95	0.00119	0.0493	0.000304	0.000204	0.0000639	0.0837	0.00000199	0.0000599	0.000658	0.0019	0
2035 Aug	0.0511	0.0000108	1.23	1.9	0.0241	0.000344	4.21	0.00117	0.0493	0.000161	0.000113	0.0000624	0.08	0.00000216	0.000065	0.000359	0.00158	0
2035 Sep	0.0449	0.0000099	1.11	1.76	0.00958	0.000556	4.2	0.000991	0.0546	0.0000197	0.0000208	0.0000418	0.0727	0.00000198	0.0000821	0.000178	0.0011	0
2035 Oct	0.0459	0.00000978	1.11	1.78	0.0093	0.000569	4.21	0.000978	0.0562	0.0000186	0.0000196	0.0000392	0.0728	0.00000196	0.000085	0.000192	0.00108	0
2035 Nov	0.0452	0.00000962	1.09	1.75	0.00914	0.00056	4.15	0.000962	0.0553	0.0000183	0.0000193	0.0000385	0.0716	0.00000192	0.0000837	0.000189	0.00106	0
2035 Dec	0.0454	0.00000967	1.09	1.76	0.00919	0.000563	4.17	0.000967	0.0556	0.0000184	0.0000193	0.0000387	0.0719	0.00000193	0.0000841	0.00019	0.00107	0
2036 Jan	0.0464	0.00000967	1.11	1.8	0.0104	0.000561	4.22	0.000978	0.0557	0.0000244	0.0000207	0.0000393	0.0735	0.00000193	0.0000842	0.000203	0.00107	0
2036 Feb	0.0477	0.00000968	1.13	1.86	0.0122	0.000559	4.3	0.000992	0.0558	0.0000329	0.0000226	0.0000401	0.0756	0.00000194	0.0000843	0.00022	0.00108	0
2036 Mar	0.0485	0.00000968	1.14	1.89	0.0133	0.000558	4.35	0.001	0.0559	0.0000383	0.0000238	0.0000406	0.077	0.00000194	0.0000844	0.000231	0.00108	0
2036 Apr	0.0503	0.00000983	1.17	1.97	0.0149	0.000564	4.47	0.00103	0.0569	0.0000453	0.0000256	0.0000419	0.0799	0.00000197	0.0000859	0.000248	0.0011	0
2036 May	0.055	0.0000105	1.27	2.16	0.0178	0.000598	4.85	0.00111	0.0607	0.0000598	0.0000299	0.0000458	0.0875	0.0000021	0.0000916	0.000284	0.00118	0
2036 Jun	0.0453	0.00000987	0.972	1.45	0.0176	0.000215	3.1	0.00102	0.0478	0.00011	0.000178	0.0000446	0.0593	0.00000197	0.000059	0.000456	0.00183	0
2036 Jul	0.0444	0.0000103	0.929	1.29	0.0156	0.000139	2.81	0.00103	0.0471	0.000108	0.000207	0.0000448	0.0532	0.00000206	0.0000536	0.00046	0.00201	0
2036 Aug	0.0486	0.0000116	1.09	1.51	0.016	0.00023	3.46	0.00115	0.0523	0.000103	0.000184	0.0000526	0.0634	0.00000232	0.0000622	0.00041	0.00202	0
2036 Sep	0.0441	0.0000104	1.1	1.64	0.0113	0.000449	3.94	0.00104	0.0518	0.0000411	0.0000653	0.0000469	0.0691	0.00000208	0.0000729	0.000221	0.00135	0
2036 Oct	0.0451	0.00000981	1.09	1.73	0.00963	0.000538	4.12	0.000981	0.0547	0.0000232	0.0000291	0.0000404	0.0713	0.00000196	0.0000817	0.000197	0.00113	0
2036 Nov	0.0451	0.00000975	1.09	1.73	0.00949	0.000543	4.12	0.000975	0.0548	0.000022	0.0000267	0.0000399	0.0712	0.00000195	0.000082	0.000195	0.00111	0
2036 Dec	0.0451	0.00000974	1.09	1.74	0.00945	0.000546	4.12	0.000973	0.0549	0.0000214	0.0000256	0.0000397	0.0713	0.00000195	0.0000823	0.000194	0.0011	0
2037 Jan	0.0397	0.00000842	0.954	1.53	0.00913	0.000471	3.61	0.00085	0.0476	0.0000231	0.0000231	0.0000348	0.0629	0.00000168	0.0000713	0.000177	0.000957	0
2037 Feb	0.0405	0.00000839	0.965	1.57	0.0104	0.000467	3.65	0.000857	0.0475	0.0000292	0.0000243	0.0000352	0.0642	0.00000168	0.0000711	0.000189	0.000956	0
2037 Mar	0.0412	0.00000841	0.977	1.6	0.0112	0.000468	3.69	0.000866	0.0476	0.0000329	0.0000252	0.0000357	0.0653	0.00000168	0.0000714	0.000197	0.00096	0
2037 Apr	0.0419	0.00000847	0.989	1.63	0.0118	0.00047	3.74	0.000876	0.048	0.0000356	0.0000259	0.0000361	0.0664	0.00000169	0.0000719	0.000203	0.000968	0
2037 May	0.0605	0.00000873	1.27	2.38	0.0373	0.000391	4.67	0.0011	0.0497	0.000275	0.0000787	0.00006	0.0949	0.00000175	0.0000716	0.000486	0.00117	0
2037 Jun	0.0745	0.00000816	1.42	2.93	0.0619	0.000232	5.1	0.00124	0.0458	0.000518	0.000144	0.0000806	0.115	0.00000163	0.0000615	0.000771	0.00136	0

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0759	0.00000852	1.45	2.97	0.0623	0.000236	5.18	0.00128	0.0474	0.00052	0.000151	0.000082	0.116	0.0000017	0.0000633	0.000785	0.00143	0
2037 Aug	0.0786	0.00000888	1.51	3.07	0.0641	0.000247	5.37	0.00132	0.0493	0.000536	0.000156	0.0000849	0.12	0.00000178	0.0000657	0.000807	0.00148	0
2037 Sep	0.0794	0.00000905	1.53	3.1	0.0643	0.000256	5.45	0.00134	0.0502	0.000537	0.000156	0.0000858	0.122	0.00000181	0.000067	0.000811	0.0015	0
2037 Oct	0.0754	0.00000882	1.46	2.94	0.0597	0.000264	5.23	0.00128	0.049	0.000495	0.000145	0.0000809	0.116	0.00000176	0.000066	0.000756	0.00144	0
2037 Nov	0.0747	0.00000883	1.45	2.92	0.0586	0.00027	5.2	0.00128	0.0491	0.000485	0.000142	0.00008	0.115	0.00000177	0.0000663	0.000744	0.00143	0
2037 Dec	0.0747	0.00000884	1.45	2.92	0.0585	0.000271	5.2	0.00128	0.0492	0.000484	0.000142	0.0000799	0.115	0.00000177	0.0000664	0.000743	0.00143	0
2038 Jan	0.0747	0.00000884	1.45	2.92	0.0586	0.000271	5.2	0.00128	0.0492	0.000484	0.000142	0.0000799	0.115	0.00000177	0.0000664	0.000743	0.00143	0
2038 Feb	0.0748	0.00000884	1.45	2.92	0.0586	0.000271	5.21	0.00128	0.0492	0.000484	0.000142	0.00008	0.115	0.00000177	0.0000664	0.000744	0.00143	0
2038 Mar	0.0748	0.00000885	1.45	2.92	0.0587	0.000271	5.21	0.00128	0.0492	0.000484	0.000142	0.00008	0.115	0.00000177	0.0000665	0.000745	0.00143	0
2038 Apr	0.0751	0.00000888	1.46	2.93	0.059	0.000272	5.23	0.00128	0.0494	0.000486	0.000143	0.0000803	0.115	0.00000178	0.0000667	0.000748	0.00143	0
2038 May	0.0785	0.00000904	1.52	3.07	0.0628	0.00027	5.43	0.00133	0.0504	0.000521	0.00015	0.0000843	0.121	0.00000181	0.0000679	0.000791	0.00147	0
2038 Jun	0.0843	0.00000875	1.59	3.32	0.0727	0.000226	5.68	0.00138	0.0491	0.000616	0.000167	0.0000923	0.13	0.00000175	0.0000652	0.000893	0.0015	0
2038 Jul	0.0887	0.00000924	1.67	3.49	0.0764	0.000238	5.97	0.00146	0.0518	0.000647	0.000176	0.0000971	0.137	0.00000185	0.0000688	0.00094	0.00158	0
2038 Aug	0.0924	0.00000964	1.74	3.64	0.0794	0.000248	6.22	0.00152	0.054	0.000673	0.000183	0.000101	0.142	0.00000193	0.0000716	0.000978	0.00165	0
2038 Sep	0.0911	0.00000957	1.72	3.59	0.078	0.00025	6.15	0.0015	0.0536	0.00066	0.00018	0.0000997	0.14	0.00000191	0.0000713	0.000961	0.00163	0
2038 Oct	0.0887	0.00000944	1.68	3.49	0.0752	0.000255	6.02	0.00147	0.053	0.000635	0.000173	0.0000967	0.137	0.00000189	0.0000707	0.000928	0.00159	0
2038 Nov	0.0887	0.00000946	1.68	3.49	0.075	0.000256	6.02	0.00147	0.0531	0.000633	0.000173	0.0000966	0.137	0.00000189	0.0000708	0.000926	0.00159	0
2038 Dec	0.0886	0.00000946	1.68	3.49	0.075	0.000257	6.02	0.00147	0.0531	0.000632	0.000173	0.0000966	0.137	0.00000189	0.0000708	0.000926	0.00159	0
2039 Jan	0.0887	0.00000946	1.68	3.49	0.075	0.000257	6.02	0.00147	0.0531	0.000632	0.000173	0.0000966	0.137	0.00000189	0.0000709	0.000926	0.00159	0
2039 Feb	0.0887	0.00000946	1.68	3.49	0.075	0.000257	6.02	0.00147	0.0531	0.000632	0.000173	0.0000966	0.137	0.00000189	0.0000709	0.000926	0.00159	0
2039 Mar	0.0888	0.00000947	1.68	3.49	0.0751	0.000257	6.03	0.00147	0.0531	0.000633	0.000173	0.0000967	0.137	0.00000189	0.0000709	0.000927	0.00159	0
2039 Apr	0.089	0.00000949	1.69	3.5	0.0753	0.000258	6.04	0.00147	0.0533	0.000635	0.000173	0.0000969	0.137	0.0000019	0.0000711	0.00093	0.0016	0
2039 May	0.0901	0.00000961	1.71	3.55	0.0763	0.000261	6.12	0.00149	0.0539	0.000643	0.000175	0.0000981	0.139	0.00000192	0.000072	0.000941	0.00162	0
2039 Jun	0.0741	0.00000918	1.43	2.81	0.0581	0.00021	4.96	0.0013	0.049	0.000484	0.000178	0.0000802	0.111	0.00000184	0.0000631	0.000789	0.00164	0
2039 Jul	0.0647	0.00000884	1.25	2.38	0.047	0.000186	4.31	0.00117	0.0457	0.00039	0.000167	0.0000693	0.0941	0.00000177	0.0000574	0.000669	0.00158	0
2039 Aug	0.0635	0.00000902	1.23	2.3	0.0439	0.000189	4.25	0.00116	0.0459	0.000366	0.000158	0.0000673	0.0911	0.0000018	0.0000571	0.000619	0.00155	0
2039 Sep	0.0641	0.00000912	1.25	2.32	0.0442	0.000193	4.3	0.00117	0.0465	0.000368	0.000159	0.000068	0.092	0.00000182	0.0000579	0.000624	0.00157	0
2039 Oct	0.0636	0.00000907	1.24	2.3	0.0437	0.000194	4.27	0.00116	0.0463	0.000363	0.000157	0.0000673	0.0913	0.00000181	0.0000577	0.000617	0.00155	0
2039 Nov	0.0636	0.00000909	1.24	2.31	0.0437	0.000196	4.28	0.00116	0.0464	0.000363	0.000157	0.0000674	0.0914	0.00000182	0.0000579	0.000617	0.00155	0
2039 Dec	0.0637	0.00000909	1.24	2.31	0.0437	0.000196	4.28	0.00116	0.0464	0.000363	0.000157	0.0000674	0.0915	0.00000182	0.0000579	0.000617	0.00155	0
2040 Jan	0.0637	0.0000091	1.24	2.31	0.0437	0.000196	4.28	0.00116	0.0464	0.000363	0.000157	0.0000674	0.0915	0.00000182	0.000058	0.000617	0.00155	0
2040 Feb	0.0637	0.0000091	1.24	2.31	0.0437	0.000196	4.28	0.00116	0.0464	0.000363	0.000157	0.0000674	0.0915	0.00000182	0.000058	0.000618	0.00155	0
2040 Mar	0.0638	0.0000091	1.24	2.31	0.0438	0.000196	4.29	0.00116	0.0465	0.000364	0.000157	0.0000675	0.0916	0.00000182	0.000058	0.000618	0.00156	0
2040 Apr	0.0639	0.00000912	1.24	2.32	0.0439	0.000197	4.3	0.00117	0.0466	0.000365	0.000158	0.0000676	0.0918	0.00000182	0.0000581	0.00062	0.00156	0
2040 May	0.0651	0.00000922	1.27	2.36	0.045	0.000198	4.37	0.00119	0.0471	0.000375	0.00016	0.000069	0.0937	0.00000184	0.0000589	0.000633	0.00158	0
2040 Jun	0.0671	0.00000889	1.29	2.47	0.0497	0.000181	4.46	0.0012	0.0459	0.000417	0.000166	0.000072	0.0977	0.00000178	0.0000574	0.000683	0.00156	0
2040 Jul	0.0678	0.00000905	1.3	2.49	0.0499	0.000183	4.5	0.00121	0.0467	0.000419	0.00017	0.0000728	0.0985	0.00000181	0.0000582	0.000691	0.0016	0
2040 Aug	0.0691	0.00000924	1.33	2.54	0.0508	0.000187	4.59	0.00124	0.0476	0.000427	0.000173	0.0000741	0.1	0.00000185	0.0000594	0.000703	0.00163	0
2040 Sep	0.0688	0.00000925	1.33	2.53	0.0504	0.00019	4.58	0.00123	0.0476	0.000423	0.000171	0.0000739	0.1	0.00000185	0.0000595	0.000698	0.00162	0
2040 Oct	0.0689	0.00000927	1.33	2.54	0.0504	0.000192	4.59	0.00124	0.0478	0.000423	0.000171	0.000074	0.1	0.00000185	0.0000598	0.000698	0.00162	0
2040 Nov	0.0691	0.0000093	1.33	2.54	0.0505	0.000193	4.6	0.00124	0.0479	0.000423	0.000171	0.0000741	0.1	0.00000186	0.00006	0.000699	0.00163	0
2040 Dec	0.0691	0.0000093	1.33	2.54	0.0505	0.000193	4.61	0.00124	0.0479	0.000423	0.000171	0.0000741	0.1	0.00000186	0.00006	0.000699	0.00163	0
2041 Jan	0.0691	0.0000093	1.33	2.54	0.0505	0.000193	4.61	0.00124	0.0479	0.000423	0.000171	0.0000741	0.101	0.00000186	0.00006	0.000699	0.00163	0
2041 Feb	0.0691	0.0000093	1.33	2.54	0.0505	0.000193	4.61	0.00124	0.0479	0.000423	0.000171	0.0000741	0.101	0.00000186	0.00006	0.000699	0.00163	0
2041 Mar	0.0692	0.0000093	1.33	2.54	0.0506	0.000194	4.61	0.00124	0.048	0.000423	0.000171	0.0000742	0.101	0.00000186	0.00006	0.0007	0.00163	0
2041 Apr	0.0693	0.00000932	1.34	2.55	0.0507	0.000194	4.62	0.00124	0.048	0.000424	0.000172	0.0000743	0.101	0.00000186	0.0000602	0.000701	0.00163	0
2041 May	0.0698	0.00000939	1.35	2.57	0.0511	0.000195	4.66	0.00125	0.0484	0.000428	0.000173	0.0000749	0.102	0.00000188	0.0000606	0.000707	0.00164	0
2041 Jun	0.0622	0.00000912	1.21	2.23	0.0429	0.000171	4.1	0.00116	0.0459	0.000355	0.000176	0.0000665	0.0885	0.00000182	0.0000564	0.000644	0.00166	0
2041 Jul	0.056	0.0000087	1.1	1.97	0.037	0.000152	3.67	0.00107	0.0431	0.000303	0.000172	0.0000597	0.0784	0.00000174	0.0000523	0.000587	0.00161	0
2041 Aug	0.0578	0.00000899	1.14	2.03	0.0381	0.000158	3.79	0.00111	0.0445	0.000312	0.000177	0.0000616	0.0809	0.0000018	0.000054	0.000606	0.00167	0
2041 Sep	0.058	0.00000903	1.14	2.04	0.0382	0.00016	3.8	0.00111	0.0447	0.000313	0.000178	0.0000618	0.0812	0.00000181	0.0000543	0.000606	0.00167	0
2041 Oct	0.0576	0.00000898	1.13	2.02	0.0377	0.000162	3.79	0.0011	0.0446	0.000309	0.000175	0.0000613	0.0807	0.0000018	0.0000543	0.0006	0.00166	0
2041 Nov	0.0577	0.00000901	1.14	2.03	0.0378	0.000163	3.8	0.00111	0.0447	0.000309	0.000176	0.0000614	0.0809	0.0000018	0.0000545	0.0006	0.00166	0
2041 Dec	0.0577	0.00000901	1.14	2.03	0.0378	0.000164	3.8	0.00111	0.0447	0.000309	0.000176	0.0000614	0.0809	0.0000018	0.0000545	0.0006	0.00166	0
2042 Jan	0.0577	0.00000901	1.14	2.03	0.0378	0.000164	3.8	0.00111	0.0447	0.000309	0.000176	0.0000614	0.0809	0.0000018	0.0000545	0.000601	0.00166	0
2042 Feb	0.0578	0.00000901	1.14	2.03	0.0378	0.000164	3.8	0.00111	0.0447	0.000309	0.000176	0.0000614	0.081	0.0000018	0.0000545	0.000601	0.00166	0
2042 Mar	0.0578	0.00000902	1.14	2.03	0.0379	0.000164	3.8	0.00111	0.0448	0.000309	0.000176	0.0000615	0.081	0.0000018	0.0000545	0.000601	0.00166	0
2042 Apr	0.0581	0.00000906	1.14	2.04	0.038	0.000165	3.82	0.00111	0.045	0.000311	0.000176	0.0000617	0.0814	0.00000181	0.0000548	0.000604	0.00167	0
2042 May	0.0589	0.00000919	1.16	2.07	0.0386	0.000167	3.88	0.00113	0.0456	0.000315	0.000179	0.0000627	0.0826	0.00000184	0.0000556	0.000613	0.00169	0
2042 Jun	0.0547	0.00000899	1.08	1.88	0.0342	0.000152	3.57	0.00107	0.044	0.000277	0.00018	0.000058	0.0754	0.0000018	0.000053	0.000578	0.00169	0
2042 Jul	0.052	0.00000884	1.03	1.77	0.0313	0.000145	3.38	0.00104	0.0429	0.000252	0.000177	0.0000549	0.0708	0.00000177	0.0000512	0.000548	0.00167	0
2042 Aug	0.05	0.00000871	1.01	1.71	0.0293	0.000155	3.32	0.00101	0.042	0.000234	0.000164	0.0000534	0.0687	0.00000174	0.0000505	0.000506	0.0016	0
2042 Sep	0.049	0.00000864	1	1.68	0.0283	0.000163	3.3	0.000995	0.0415	0.000224	0.000157	0.0000526	0.0678	0.00000173	0.0000503	0.000486	0.00156	0
2042 Oct	0.0483	0.00000855	0.99	1.66	0.0277	0.000167	3.27	0.000983	0.0412	0.000218	0.000153	0.0000518	0.067	0.00000171	0.0000502	0.000476	0.00153	0
2042 Nov	0.0484	0.00000858	0.993	1.66	0.0277	0.00017	3.29	0.000985	0.0414	0.000218	0.000153	0.0000519	0.0672	0.00000172	0.0000504	0.000476	0.00154	0
2042 Dec	0.0484	0.00000858	0.993	1.67	0.0276	0.00017	3.29	0.000986	0.0414	0.000218	0.000153	0.0000519	0.0672	0.00000172	0.0000505	0.000476	0.00154	0
2043 Jan	0.0485	0.00000858	0.993	1.67	0.0277	0.00017	3.29	0.000986	0.0414	0.000218	0.000153	0.0000519	0.0673	0.00000172	0.0000505	0.000476	0.00154	0
2043 Feb	0.0485	0.00000858	0.994	1.67	0.0277	0.00017	3.29	0.000986	0.0414	0.000218	0.000153	0.0000519	0.0673	0.00000172	0.0000505	0.000476	0.00154	0
2043 Mar	0.0485	0.00000858	0.994	1.67	0.0277	0.00017	3.29	0.000987	0.0414	0.000218	0.000153	0.0000519	0.0674	0.00000172	0.0000505	0.000477	0.00154	0
2043 Apr	0.0487	0.00000862	0.998	1.68	0.0279	0.000171	3.31	0.000991	0.0416	0.000219	0.000154	0.0000521	0.0677	0.00000172	0.0000507	0.000479	0.00154	0
2043 May	0.05	0.00000875	1.02	1.72	0.0289	0.000173	3.39	0.00101	0.0423	0.000228	0.000157	0.0000535	0.0695	0.00000175	0.0000517	0.000492	0.00157	0
2043 Jun	0.0533	0.00000842	1.11	2.14	0.0357	0.000189	4.39	0.00122	0.0408	0.000285	0.000167	0.0000633	0.0786	0.00000175	0.0000572	0.000553	0.00155	1.7E-15
2043 Jul	0.0544	0.00000866	1.15	2.24	0.0362	0.0002	4.68	0.0013	0.0418	0.000288	0.000172	0.0000658	0.0807	0.00000181	0.0000601	0.000562	0.0016	2.15E-15
2043 Aug	0.0559	0.00000894	1.18	2.3	0.0371	0.000208	4.81	0.00133	0.0431	0.000295	0.000176	0.0000676	0.083	0.00000187	0.0000619	0.000574	0.00164	2.19E-15
2043 Sep	0.0558	0.00000895	1.18	2.3	0.0368	0.00021	4.81	0.00133	0.0431	0.000293	0.000175	0.0000675	0.0829	0.00000187	0.000062	0.00057	0.00164	2.17E-15
2043 Oct	0.0551	0.00000891	1.17	2.27	0.0358	0.000219	4.76	0.00131	0.0432	0.000283	0.000169	0.0000662	0.082	0.00000186	0.0000622	0.000556	0.00161	2.1E-15
2043 Nov	0.0546	0.00000888	1.16	2.24	0.0348	0.000228	4.71	0.00129	0.0433	0.000273	0.000164	0.0000651	0.0813	0.00000185	0.0000625	0.000542	0.00158	2.02E-15

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0546	0.00000889	1.16	2.24	0.0348	0.000229	4.71	0.00129	0.0433	0.000273	0.000164	0.000065	0.0813	0.00000186	0.0000626	0.000541	0.00158	2.02E-15
2044 Jan	0.0546	0.00000889	1.16	2.24	0.0348	0.000229	4.72	0.00129	0.0434	0.000273	0.000164	0.000065	0.0813	0.00000186	0.0000626	0.000542	0.00158	2.02E-15
2044 Feb	0.0546	0.00000889	1.16	2.24	0.0349	0.000229	4.72	0.00129	0.0434	0.000273	0.000164	0.0000651	0.0814	0.00000186	0.0000626	0.000542	0.00158	2.02E-15
2044 Mar	0.0547	0.0000089	1.16	2.25	0.0349	0.000229	4.72	0.00129	0.0434	0.000274	0.000164	0.0000651	0.0815	0.00000186	0.0000627	0.000543	0.00159	2.02E-15
2044 Apr	0.0548	0.00000891	1.17	2.25	0.035	0.000229	4.73	0.0013	0.0435	0.000274	0.000164	0.0000653	0.0817	0.00000186	0.0000628	0.000544	0.00159	2.02E-15
2044 May	0.0555	0.00000902	1.18	2.28	0.0355	0.000232	4.79	0.00131	0.044	0.000278	0.000166	0.0000661	0.0827	0.00000188	0.0000636	0.000551	0.00161	2.05E-15
2044 Jun	0.0476	0.00000826	1.11	2.42	0.0302	0.000249	5.74	0.00154	0.0383	0.000224	0.000175	0.0000678	0.0753	0.00000185	0.0000687	0.000495	0.00157	0.000000396
2044 Jul	0.0468	0.00000829	1.15	2.62	0.03	0.000272	6.49	0.00172	0.0376	0.000218	0.000184	0.0000724	0.0768	0.00000192	0.0000745	0.000494	0.0016	0.000000765
2044 Aug	0.049	0.00000869	1.2	2.74	0.0313	0.000286	6.79	0.0018	0.0394	0.000227	0.000192	0.0000757	0.0803	0.00000201	0.000078	0.000516	0.00167	0.000000798
2044 Sep	0.0475	0.00000854	1.17	2.64	0.0298	0.000286	6.54	0.00173	0.0387	0.000215	0.000182	0.0000731	0.0781	0.00000197	0.0000759	0.000489	0.00162	0.000000752
2044 Oct	0.047	0.00000847	1.16	2.6	0.0293	0.000287	6.44	0.0017	0.0386	0.00021	0.000178	0.000072	0.0773	0.00000195	0.0000753	0.000481	0.00159	0.000000735
2044 Nov	0.0471	0.00000848	1.16	2.6	0.0292	0.000289	6.43	0.0017	0.0387	0.000209	0.000177	0.0000718	0.0773	0.00000195	0.0000753	0.00048	0.00159	0.000000732
2044 Dec	0.0471	0.00000848	1.16	2.6	0.0292	0.000289	6.43	0.0017	0.0387	0.000209	0.000177	0.0000718	0.0773	0.00000195	0.0000754	0.000479	0.00159	0.000000731
2045 Jan	0.0471	0.00000848	1.16	2.6	0.0292	0.000289	6.43	0.0017	0.0387	0.000209	0.000177	0.0000718	0.0773	0.00000195	0.0000754	0.00048	0.00159	0.000000731
2045 Feb	0.0471	0.00000848	1.16	2.6	0.0292	0.000289	6.44	0.0017	0.0387	0.000209	0.000177	0.0000718	0.0774	0.00000195	0.0000754	0.00048	0.00159	0.000000731
2045 Mar	0.0472	0.00000849	1.16	2.6	0.0293	0.000289	6.44	0.0017	0.0388	0.000209	0.000177	0.0000719	0.0775	0.00000195	0.0000754	0.00048	0.00159	0.000000731
2045 Apr	0.0473	0.0000085	1.16	2.61	0.0293	0.00029	6.45	0.0017	0.0388	0.00021	0.000177	0.000072	0.0776	0.00000195	0.0000755	0.000481	0.00159	0.000000732
2045 May	0.0478	0.0000086	1.17	2.64	0.0297	0.000293	6.53	0.00172	0.0393	0.000212	0.000179	0.0000728	0.0785	0.00000197	0.0000764	0.000487	0.00161	0.00000074
2045 Jun	0.0454	0.00000844	1.12	2.49	0.0275	0.000271	6.3	0.00167	0.0382	0.000195	0.000183	0.0000697	0.074	0.00000194	0.0000736	0.000476	0.00162	0.00000237
2045 Jul	0.0455	0.00000854	1.14	2.54	0.0274	0.000273	6.53	0.00173	0.0383	0.000193	0.00019	0.000071	0.0744	0.00000198	0.000075	0.000482	0.00167	0.00000397
2045 Aug	0.0467	0.00000877	1.17	2.6	0.0281	0.00028	6.7	0.00177	0.0394	0.000198	0.000195	0.0000729	0.0764	0.00000203	0.000077	0.000495	0.00171	0.00000407
2045 Sep	0.0465	0.00000875	1.16	2.59	0.0279	0.000281	6.66	0.00176	0.0393	0.000196	0.000193	0.0000724	0.0761	0.00000203	0.0000768	0.000491	0.0017	0.00000403
2045 Oct	0.0467	0.00000879	1.17	2.6	0.0279	0.000283	6.68	0.00177	0.0395	0.000196	0.000194	0.0000726	0.0764	0.00000203	0.0000771	0.000492	0.00171	0.00000403
2045 Nov	0.0468	0.00000881	1.17	2.6	0.0279	0.000284	6.69	0.00177	0.0396	0.000196	0.000194	0.0000727	0.0766	0.00000204	0.0000773	0.000493	0.00171	0.00000404
2045 Dec	0.0468	0.00000881	1.17	2.6	0.0279	0.000284	6.69	0.00177	0.0397	0.000196	0.000194	0.0000727	0.0766	0.00000204	0.0000773	0.000493	0.00171	0.00000404
2046 Jan	0.0468	0.00000881	1.17	2.6	0.028	0.000284	6.69	0.00177	0.0397	0.000196	0.000194	0.0000727	0.0766	0.00000204	0.0000773	0.000493	0.00171	0.00000404
2046 Feb	0.0469	0.00000881	1.17	2.6	0.028	0.000284	6.69	0.00177	0.0397	0.000197	0.000194	0.0000727	0.0767	0.00000204	0.0000773	0.000493	0.00171	0.00000404
2046 Mar	0.0469	0.00000882	1.17	2.61	0.028	0.000285	6.7	0.00177	0.0397	0.000197	0.000194	0.0000728	0.0768	0.00000204	0.0000774	0.000494	0.00171	0.00000404
2046 Apr	0.0471	0.00000886	1.18	2.62	0.0282	0.000286	6.73	0.00178	0.0399	0.000198	0.000195	0.0000731	0.0771	0.00000205	0.0000777	0.000496	0.00172	0.00000405
2046 May	0.0477	0.00000896	1.19	2.65	0.0285	0.000289	6.81	0.0018	0.0404	0.0002	0.000197	0.000074	0.078	0.00000207	0.0000787	0.000502	0.00174	0.0000041
2046 Jun	0.045	0.00000867	1.12	2.39	0.026	0.000256	6.32	0.00166	0.039	0.000183	0.000194	0.0000683	0.0724	0.00000199	0.0000725	0.000484	0.00171	0.00000816
2046 Jul	0.0439	0.00000844	1.11	2.32	0.0254	0.000246	6.45	0.00163	0.0379	0.000179	0.000192	0.000067	0.0716	0.00000197	0.0000706	0.000474	0.00169	0.0000143
2046 Aug	0.0451	0.00000867	1.14	2.38	0.026	0.000253	6.62	0.00168	0.0389	0.000184	0.000196	0.0000688	0.0735	0.00000202	0.0000725	0.000486	0.00173	0.0000146
2046 Sep	0.0441	0.00000852	1.12	2.32	0.0252	0.000253	6.43	0.00163	0.0383	0.000176	0.000189	0.0000669	0.0719	0.00000198	0.0000711	0.000469	0.00168	0.000014
2046 Oct	0.0435	0.00000842	1.1	2.27	0.0244	0.000257	6.28	0.00159	0.0382	0.00017	0.000182	0.0000653	0.0708	0.00000195	0.0000703	0.000456	0.00164	0.0000135
2046 Nov	0.0435	0.00000842	1.1	2.27	0.0243	0.000258	6.26	0.00158	0.0383	0.000169	0.000181	0.0000651	0.0708	0.00000195	0.0000703	0.000454	0.00164	0.0000134
2046 Dec	0.0435	0.00000843	1.1	2.27	0.0243	0.000259	6.26	0.00158	0.0383	0.000169	0.000181	0.0000651	0.0708	0.00000195	0.0000704	0.000453	0.00164	0.0000134
2047 Jan	0.0435	0.00000843	1.1	2.27	0.0243	0.000259	6.26	0.00158	0.0383	0.000169	0.000181	0.0000651	0.0709	0.00000195	0.0000704	0.000454	0.00164	0.0000134
2047 Feb	0.0435	0.00000843	1.1	2.27	0.0244	0.000259	6.27	0.00158	0.0383	0.000169	0.000181	0.0000651	0.0709	0.00000195	0.0000704	0.000454	0.00164	0.0000134
2047 Mar	0.0436	0.00000844	1.1	2.28	0.0244	0.000259	6.28	0.00159	0.0384	0.00017	0.000181	0.0000652	0.0711	0.00000195	0.0000705	0.000455	0.00164	0.0000134
2047 Apr	0.0437	0.00000846	1.1	2.28	0.0245	0.00026	6.29	0.00159	0.0385	0.00017	0.000182	0.0000653	0.0713	0.00000195	0.0000707	0.000456	0.00164	0.0000134
2047 May	0.0458	0.00000853	1.14	2.36	0.0269	0.00026	6.42	0.00161	0.0391	0.000192	0.000184	0.0000676	0.0747	0.00000197	0.0000713	0.00048	0.00166	0.0000142
2047 Jun	0.0547	0.00000842	1.29	2.67	0.0386	0.000247	7.15	0.00166	0.0401	0.0003	0.000187	0.0000769	0.0906	0.00000196	0.000071	0.000587	0.00164	0.0000242
2047 Jul	0.0568	0.00000875	1.34	2.76	0.0399	0.000257	7.42	0.00172	0.0417	0.000311	0.000195	0.0000797	0.094	0.00000204	0.0000736	0.000609	0.00171	0.0000252
2047 Aug	0.0587	0.00000906	1.39	2.86	0.0412	0.000266	7.67	0.00178	0.0431	0.000321	0.000201	0.0000824	0.0971	0.00000211	0.0000762	0.000629	0.00177	0.000026
2047 Sep	0.0578	0.00000896	1.37	2.81	0.0404	0.000265	7.54	0.00175	0.0427	0.000314	0.000197	0.0000811	0.0957	0.00000208	0.0000752	0.000616	0.00174	0.0000254
2047 Oct	0.0567	0.00000883	1.34	2.75	0.0392	0.000266	7.36	0.00171	0.0422	0.000304	0.00019	0.000079	0.0937	0.00000205	0.0000742	0.000599	0.0017	0.0000245
2047 Nov	0.0564	0.00000882	1.33	2.73	0.0387	0.00027	7.3	0.00169	0.0423	0.000299	0.000188	0.0000782	0.0932	0.00000204	0.0000742	0.000592	0.00168	0.0000241
2047 Dec	0.0564	0.00000882	1.33	2.73	0.0387	0.00027	7.3	0.00169	0.0424	0.000299	0.000187	0.0000782	0.0932	0.00000204	0.0000742	0.000591	0.00168	0.0000241
2048 Jan	0.0564	0.00000882	1.33	2.73	0.0387	0.00027	7.3	0.00169	0.0424	0.000299	0.000187	0.0000782	0.0933	0.00000204	0.0000742	0.000591	0.00168	0.0000241
2048 Feb	0.0565	0.00000883	1.34	2.73	0.0388	0.00027	7.3	0.00169	0.0424	0.000299	0.000187	0.0000782	0.0934	0.00000204	0.0000742	0.000592	0.00168	0.0000241
2048 Mar	0.0565	0.00000883	1.34	2.73	0.0388	0.000271	7.3	0.00169	0.0424	0.000299	0.000187	0.0000783	0.0934	0.00000204	0.0000743	0.000592	0.00168	0.0000241
2048 Apr	0.0567	0.00000885	1.34	2.74	0.0389	0.000271	7.32	0.0017	0.0425	0.0003	0.000188	0.0000785	0.0937	0.00000205	0.0000745	0.000594	0.00169	0.0000242
2048 May	0.0574	0.00000897	1.36	2.77	0.0394	0.000275	7.42	0.00172	0.0431	0.000304	0.00019	0.0000795	0.095	0.00000207	0.0000754	0.000602	0.00171	0.0000245
2048 Jun	0.0511	0.00000859	1.24	2.4	0.0327	0.00024	6.99	0.00158	0.0405	0.000248	0.000188	0.000071	0.0842	0.00000201	0.000069	0.000544	0.00169	0.0000315
2048 Jul	0.0475	0.00000838	1.2	2.2	0.0288	0.000225	7.13	0.00154	0.039	0.000215	0.000187	0.0000672	0.0794	0.000002	0.0000663	0.00051	0.00169	0.0000416
2048 Aug	0.0477	0.0000085	1.21	2.21	0.0287	0.000231	7.14	0.00154	0.0395	0.000214	0.000186	0.0000676	0.0799	0.00000202	0.0000669	0.000506	0.0017	0.0000412
2048 Sep	0.0472	0.00000844	1.2	2.18	0.0282	0.000233	7.03	0.00152	0.0392	0.000209	0.000182	0.0000667	0.0791	0.000002	0.0000663	0.000496	0.00167	0.0000402
2048 Oct	0.0466	0.00000837	1.19	2.15	0.0277	0.000234	6.92	0.0015	0.039	0.000205	0.000178	0.0000657	0.0781	0.00000198	0.0000658	0.000487	0.00165	0.0000394
2048 Nov	0.0466	0.00000837	1.19	2.15	0.0276	0.000236	6.91	0.0015	0.0391	0.000204	0.000177	0.0000655	0.0781	0.00000198	0.0000659	0.000485	0.00164	0.0000391
2048 Dec	0.0466	0.00000838	1.19	2.15	0.0276	0.000236	6.91	0.0015	0.0391	0.000203	0.000177	0.0000655	0.0781	0.00000198	0.0000659	0.000485	0.00164	0.0000391
2049 Jan	0.0467	0.00000838	1.19	2.15	0.0276	0.000236	6.91	0.0015	0.0391	0.000204	0.000177	0.0000655	0.0782	0.00000198	0.0000659	0.000485	0.00164	0.0000391
2049 Feb	0.0467	0.00000838	1.19	2.16	0.0276	0.000236	6.91	0.0015	0.0391	0.000204	0.000177	0.0000656	0.0782	0.00000198	0.000066	0.000486	0.00164	0.0000391
2049 Mar	0.0468	0.00000838	1.19	2.16	0.0277	0.000237	6.91	0.0015	0.0392	0.000204	0.000177	0.0000656	0.0783	0.00000198	0.000066	0.000486	0.00165	0.0000391
2049 Apr	0.0469	0.00000841	1.19	2.16	0.0278	0.000237	6.94	0.0015	0.0393	0.000205	0.000178	0.0000658	0.0786	0.00000199	0.0000662	0.000488	0.00165	0.0000392
2049 May	0.0475	0.00000852	1.21	2.19	0.0281	0.00024	7.02	0.00152	0.0398	0.000207	0.00018	0.0000667	0.0796	0.00000201	0.000067	0.000494	0.00167	0.0000397
2049 Jun	0.0439	0.00000816	1.14	1.97	0.0249	0.000212	6.85	0.00144	0.0378	0.000182	0.00018	0.0000618	0.0737	0.00000195	0.0000626	0.000469	0.00165	0.000046
2049 Jul	0.0428	0.00000798	1.15	1.93	0.0241	0.000208	7.23	0.00145	0.0368	0.000176	0.000179	0.0000616	0.0736	0.00000196	0.0000623	0.000459	0.00164	0.0000544
2049 Aug	0.0447	0.00000833	1.2	2.02	0.0251	0.000217	7.53	0.00151	0.0384	0.000183	0.000186	0.0000642	0.0767	0.00000204	0.0000649	0.000477	0.00171	0.0000567
2049 Sep	0.0442	0.00000826	1.18	1.99	0.0246	0.00022	7.4	0.00148	0.0382	0.000179	0.000182	0.0000632	0.0758	0.00000202	0.0000645	0.000468	0.00168	0.0000552
2049 Oct	0.0436	0.00000818	1.16	1.96	0.0239	0.000223	7.24	0.00145	0.038	0.000173	0.000176	0.0000619	0.0747	0.00000199	0.000064	0.000456	0.00165	0.0000534
2049 Nov	0.0436	0.00000819	1.16	1.96	0.0238	0.000227	7.2	0.00145	0.0382	0.000171	0.000175	0.0000616	0.0747	0.00000199	0.0000642	0.000453	0.00164	0.0000528
2049 Dec	0.0436	0.0000082	1.16	1.96	0.0238	0.000228	7.2	0.00145	0.0383	0.000171	0.000174	0.0000616	0.0747	0.00000199	0.0000643	0.000453	0.00164	0.0000527
2050 Jan	0.0437	0.0000082	1.16	1.96	0.0238	0.000228	7.2	0.00145	0.0383	0.000171	0.000174	0.0000616	0.0748	0.00000199	0.0000643	0.000453	0.00164	0.0000527
2050 Feb	0.0437	0.0000082	1.16	1.96	0.0239	0.000228	7.2	0.00145	0.0383	0.000172	0.000174	0.0000616	0.0749	0.00000199	0.0000643	0.000454	0.00164	0.0000527
2050 Mar	0.0438	0.0000082	1.17	1.96	0.0239	0.000228	7.2	0.00145	0.0383	0.000172	0.000174	0.0000616	0.0749	0.00000199	0.0000643	0.000454	0.00164	0.0000527
2050 Apr	0.0439	0.00000822	1.17	1.97	0.024	0.000228	7.22	0.00145	0.0384	0.000172	0.000175	0.0000618	0.0751	0.000002	0.0000645	0.000455	0.00165	0.0000528

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.0444	0.00000831	1.18	1.99	0.0243	0.000231	7.3	0.00147	0.0388	0.000174	0.000177	0.0000624	0.0759	0.00000202	0.0000651	0.00046	0.00166	0.0000533
2050 Jun	0.0425	0.00000809	1.14	1.87	0.023	0.000211	7.02	0.00141	0.0375	0.000165	0.000177	0.0000598	0.0724	0.00000196	0.0000621	0.000451	0.00165	0.0000534
2050 Jul	0.0408	0.00000781	1.12	1.81	0.0219	0.000203	7.19	0.0014	0.036	0.000157	0.000174	0.0000587	0.0708	0.00000193	0.0000608	0.000433	0.00161	0.0000587
2050 Aug	0.0418	0.000008	1.14	1.85	0.0223	0.000208	7.32	0.00143	0.0369	0.00016	0.000177	0.0000599	0.0724	0.00000198	0.0000622	0.000441	0.00164	0.0000596
2050 Sep	0.0417	0.000008	1.14	1.85	0.0221	0.00021	7.28	0.00142	0.0369	0.000159	0.000175	0.0000597	0.0722	0.00000197	0.0000622	0.000438	0.00164	0.000059
2050 Oct	0.042	0.00000805	1.15	1.86	0.0222	0.000213	7.31	0.00143	0.0372	0.000159	0.000175	0.0000599	0.0726	0.00000199	0.0000626	0.000439	0.00164	0.0000591
2050 Nov	0.0421	0.00000808	1.15	1.86	0.0222	0.000214	7.33	0.00143	0.0373	0.000159	0.000176	0.00006	0.0728	0.00000199	0.0000628	0.00044	0.00165	0.0000592
2050 Dec	0.0421	0.00000808	1.15	1.86	0.0222	0.000214	7.33	0.00143	0.0374	0.000159	0.000176	0.0000601	0.0728	0.00000199	0.0000628	0.00044	0.00165	0.0000592
2051 Jan	0.0421	0.00000808	1.15	1.86	0.0223	0.000214	7.33	0.00143	0.0374	0.000159	0.000176	0.0000601	0.0729	0.00000199	0.0000628	0.00044	0.00165	0.0000591
2051 Feb	0.0422	0.00000808	1.15	1.86	0.0223	0.000214	7.33	0.00143	0.0374	0.00016	0.000176	0.0000601	0.0729	0.00000199	0.0000628	0.000441	0.00165	0.0000591
2051 Mar	0.0422	0.00000809	1.15	1.86	0.0223	0.000215	7.33	0.00143	0.0374	0.00016	0.000176	0.0000601	0.073	0.00000199	0.0000629	0.000441	0.00165	0.0000592
2051 Apr	0.0423	0.00000811	1.16	1.87	0.0224	0.000215	7.36	0.00144	0.0375	0.00016	0.000176	0.0000603	0.0732	0.000002	0.0000631	0.000442	0.00165	0.0000593
2051 May	0.0434	0.00000822	1.18	1.91	0.0233	0.000218	7.44	0.00145	0.0381	0.000168	0.000179	0.0000615	0.0749	0.00000202	0.0000639	0.000454	0.00167	0.0000596
2051 Jun	0.0439	0.0000077	1.18	1.93	0.0263	0.000197	7.51	0.00142	0.036	0.000198	0.000176	0.0000624	0.0768	0.00000193	0.0000612	0.000474	0.0016	0.0000628
2051 Jul	0.0424	0.00000758	1.19	1.92	0.0248	0.000202	8.07	0.00147	0.0352	0.000184	0.000176	0.0000627	0.0768	0.00000196	0.0000626	0.000457	0.0016	0.0000725
2051 Aug	0.0424	0.00000766	1.19	1.91	0.0245	0.000208	8	0.00146	0.0354	0.000181	0.000173	0.0000627	0.0768	0.00000197	0.0000627	0.00045	0.0016	0.0000711
2051 Sep	0.0417	0.0000076	1.17	1.88	0.0236	0.000217	7.82	0.00143	0.0354	0.000172	0.000165	0.0000612	0.0756	0.00000194	0.0000625	0.000433	0.00155	0.0000688
2051 Oct	0.04	0.00000737	1.15	1.83	0.0215	0.000239	7.74	0.00139	0.035	0.000152	0.000148	0.0000584	0.0738	0.00000189	0.0000632	0.000395	0.00146	0.0000684
2051 Nov	0.04	0.00000737	1.15	1.83	0.0214	0.000242	7.76	0.00139	0.0351	0.000151	0.000148	0.0000584	0.0739	0.00000189	0.0000635	0.000393	0.00145	0.0000686
2051 Dec	0.04	0.00000738	1.15	1.83	0.0214	0.000242	7.76	0.00139	0.0351	0.000151	0.000147	0.0000584	0.0739	0.00000189	0.0000635	0.000393	0.00145	0.0000686
2052 Jan	0.0401	0.00000738	1.15	1.83	0.0214	0.000243	7.76	0.00139	0.0352	0.000151	0.000147	0.0000584	0.074	0.00000189	0.0000635	0.000393	0.00145	0.0000685
2052 Feb	0.0401	0.00000738	1.15	1.83	0.0214	0.000243	7.76	0.00139	0.0352	0.000151	0.000147	0.0000584	0.0741	0.0000019	0.0000636	0.000394	0.00145	0.0000685
2052 Mar	0.0402	0.00000739	1.15	1.84	0.0215	0.000243	7.77	0.00139	0.0352	0.000152	0.000148	0.0000585	0.0742	0.0000019	0.0000636	0.000394	0.00145	0.0000686
2052 Apr	0.0403	0.0000074	1.16	1.84	0.0216	0.000243	7.78	0.00139	0.0353	0.000152	0.000148	0.0000586	0.0743	0.0000019	0.0000637	0.000395	0.00146	0.0000687
2052 May	0.0411	0.00000746	1.17	1.87	0.0223	0.000244	7.83	0.0014	0.0356	0.000159	0.000149	0.0000594	0.0755	0.00000191	0.0000642	0.000404	0.00147	0.0000686
2052 Jun	0.0425	0.00000744	1.19	1.93	0.0246	0.000232	7.95	0.00142	0.0355	0.00018	0.000156	0.0000615	0.0778	0.00000192	0.000064	0.000432	0.00149	0.0000699
2052 Jul	0.0427	0.00000759	1.19	1.91	0.0241	0.000231	7.91	0.00142	0.036	0.000177	0.000156	0.0000614	0.0774	0.00000194	0.0000641	0.000424	0.0015	0.0000691
2052 Aug	0.0433	0.00000771	1.21	1.93	0.0242	0.000235	7.96	0.00144	0.0366	0.000178	0.000157	0.000062	0.0782	0.00000197	0.0000648	0.000425	0.00152	0.0000692
2052 Sep	0.043	0.00000769	1.2	1.92	0.0239	0.000236	7.87	0.00142	0.0365	0.000175	0.000154	0.0000615	0.0777	0.00000195	0.0000645	0.00042	0.00151	0.0000681
2052 Oct	0.0429	0.00000769	1.19	1.91	0.0237	0.000238	7.83	0.00142	0.0365	0.000174	0.000153	0.0000612	0.0775	0.00000195	0.0000646	0.000417	0.0015	0.0000674
2052 Nov	0.043	0.00000772	1.2	1.92	0.0238	0.000239	7.84	0.00142	0.0367	0.000174	0.000153	0.0000613	0.0777	0.00000196	0.0000647	0.000418	0.0015	0.0000675
2052 Dec	0.043	0.00000772	1.2	1.92	0.0238	0.00024	7.84	0.00142	0.0367	0.000174	0.000153	0.0000613	0.0777	0.00000196	0.0000648	0.000418	0.0015	0.0000675
2053 Jan	0.0431	0.00000772	1.2	1.92	0.0238	0.00024	7.84	0.00142	0.0367	0.000174	0.000153	0.0000613	0.0777	0.00000196	0.0000648	0.000418	0.0015	0.0000675
2053 Feb	0.0431	0.00000772	1.2	1.92	0.0238	0.00024	7.85	0.00142	0.0367	0.000174	0.000153	0.0000614	0.0778	0.00000196	0.0000648	0.000418	0.0015	0.0000675
2053 Mar	0.0432	0.00000773	1.2	1.92	0.0239	0.00024	7.86	0.00142	0.0368	0.000174	0.000153	0.0000615	0.0779	0.00000196	0.0000649	0.000419	0.00151	0.0000675
2053 Apr	0.0433	0.00000776	1.2	1.93	0.024	0.000241	7.88	0.00143	0.0369	0.000175	0.000154	0.0000617	0.0782	0.00000197	0.0000651	0.000421	0.00151	0.0000678
2053 May	0.0468	0.00000785	1.25	2.07	0.0283	0.000239	7.96	0.00146	0.0378	0.000214	0.000158	0.0000653	0.0835	0.00000197	0.0000659	0.000464	0.00153	0.0000659
2053 Jun	0.0477	0.00000733	1.28	2.16	0.0321	0.000222	8.38	0.00149	0.0355	0.00025	0.00016	0.0000684	0.0872	0.0000019	0.0000651	0.000497	0.00148	0.0000718
2053 Jul	0.0477	0.00000743	1.31	2.19	0.0316	0.000228	8.77	0.00153	0.0357	0.000244	0.000164	0.0000696	0.0883	0.00000196	0.0000671	0.000496	0.00151	0.0000774
2053 Aug	0.0493	0.00000769	1.35	2.26	0.0326	0.000236	9.06	0.00159	0.037	0.000252	0.00017	0.000072	0.0913	0.00000203	0.0000693	0.000512	0.00156	0.0000799
2053 Sep	0.0504	0.00000787	1.38	2.31	0.0333	0.000242	9.27	0.00162	0.0378	0.000258	0.000173	0.0000736	0.0934	0.00000207	0.0000709	0.000523	0.0016	0.0000816
2053 Oct	0.0506	0.0000079	1.39	2.32	0.0335	0.000243	9.3	0.00163	0.038	0.000259	0.000174	0.0000739	0.0937	0.00000208	0.0000712	0.000525	0.00161	0.0000819
2053 Nov	0.0505	0.00000789	1.39	2.32	0.0334	0.000243	9.29	0.00163	0.038	0.000258	0.000174	0.0000738	0.0936	0.00000208	0.0000711	0.000524	0.0016	0.0000818
2053 Dec	0.0505	0.00000789	1.39	2.32	0.0334	0.000243	9.29	0.00163	0.038	0.000258	0.000174	0.0000738	0.0936	0.00000208	0.0000712	0.000524	0.0016	0.0000818
2054 Jan	0.0506	0.00000789	1.39	2.32	0.0334	0.000243	9.29	0.00163	0.038	0.000258	0.000174	0.0000738	0.0936	0.00000208	0.0000712	0.000524	0.0016	0.0000818
2054 Feb	0.0506	0.0000079	1.39	2.32	0.0335	0.000243	9.29	0.00163	0.038	0.000259	0.000174	0.0000738	0.0937	0.00000208	0.0000712	0.000525	0.0016	0.0000818
2054 Mar	0.0506	0.0000079	1.39	2.32	0.0335	0.000243	9.29	0.00163	0.038	0.000259	0.000174	0.0000738	0.0937	0.00000208	0.0000712	0.000525	0.0016	0.0000818
2054 Apr	0.0508	0.00000792	1.39	2.33	0.0336	0.000244	9.32	0.00163	0.0381	0.00026	0.000174	0.0000741	0.094	0.00000209	0.0000714	0.000527	0.00161	0.000082
2054 May	0.0517	0.00000801	1.41	2.37	0.0345	0.000245	9.39	0.00165	0.0386	0.000267	0.000176	0.0000752	0.0955	0.0000021	0.0000721	0.000537	0.00163	0.0000821
2054 Jun	0.0535	0.00000779	1.36	2.36	0.0379	0.000218	8.37	0.00154	0.0381	0.000301	0.000174	0.0000738	0.0946	0.00000197	0.0000671	0.00057	0.00158	0.0000669
2054 Jul	0.0512	0.00000768	1.32	2.26	0.0354	0.000215	8.28	0.00151	0.0373	0.00028	0.000171	0.0000715	0.0911	0.00000195	0.0000662	0.000542	0.00156	0.0000676
2054 Aug	0.0512	0.00000773	1.33	2.26	0.0352	0.000217	8.25	0.00151	0.0375	0.000278	0.00017	0.0000715	0.091	0.00000196	0.0000663	0.000538	0.00156	0.000067
2054 Sep	0.051	0.00000776	1.32	2.25	0.0348	0.000221	8.18	0.0015	0.0375	0.000274	0.000168	0.0000711	0.0906	0.00000196	0.0000662	0.000531	0.00155	0.000066
2054 Oct	0.0504	0.00000769	1.31	2.22	0.0341	0.000222	8.09	0.00148	0.0373	0.000268	0.000165	0.0000702	0.0896	0.00000194	0.0000658	0.000522	0.00153	0.0000652
2054 Nov	0.0501	0.00000768	1.3	2.21	0.0338	0.000225	8.06	0.00148	0.0373	0.000265	0.000163	0.0000697	0.0892	0.00000193	0.0000659	0.000517	0.00152	0.0000649
2054 Dec	0.0501	0.00000769	1.3	2.21	0.0337	0.000226	8.06	0.00148	0.0374	0.000264	0.000163	0.0000697	0.0892	0.00000194	0.000066	0.000516	0.00152	0.0000648
2055 Jan	0.0502	0.00000769	1.3	2.21	0.0337	0.000226	8.06	0.00148	0.0374	0.000264	0.000163	0.0000697	0.0893	0.00000194	0.000066	0.000517	0.00152	0.0000648
2055 Feb	0.0502	0.00000769	1.3	2.22	0.0338	0.000226	8.07	0.00148	0.0374	0.000264	0.000163	0.0000697	0.0894	0.00000194	0.0000661	0.000517	0.00152	0.0000648
2055 Mar	0.0503	0.0000077	1.3	2.22	0.0339	0.000226	8.07	0.00148	0.0374	0.000265	0.000163	0.0000698	0.0895	0.00000194	0.0000661	0.000518	0.00152	0.0000648
2055 Apr	0.0504	0.00000772	1.31	2.23	0.034	0.000227	8.09	0.00148	0.0375	0.000265	0.000163	0.0000699	0.0897	0.00000194	0.0000663	0.00052	0.00152	0.000065
2055 May	0.051	0.0000078	1.32	2.25	0.0344	0.000229	8.18	0.0015	0.0379	0.000268	0.000165	0.0000707	0.0907	0.00000196	0.000067	0.000525	0.00154	0.0000657
2055 Jun	0.0446	0.00000747	1.24	2	0.0278	0.000212	8.13	0.00146	0.0353	0.000211	0.000168	0.0000651	0.0813	0.00000194	0.0000654	0.000471	0.00154	0.0000713
2055 Jul	0.0431	0.00000738	1.25	1.99	0.0264	0.000217	8.65	0.00151	0.0345	0.000197	0.000169	0.0000657	0.0812	0.00000197	0.0000674	0.000457	0.00155	0.0000797
2055 Aug	0.0442	0.00000757	1.28	2.04	0.027	0.000223	8.86	0.00155	0.0354	0.000202	0.000173	0.0000673	0.0832	0.00000202	0.0000691	0.000468	0.00159	0.0000816
2055 Sep	0.044	0.00000757	1.28	2.03	0.0268	0.000224	8.78	0.00154	0.0354	0.000199	0.000171	0.0000669	0.0828	0.00000201	0.0000689	0.000463	0.00158	0.0000805
2055 Oct	0.0441	0.00000759	1.28	2.03	0.0268	0.000226	8.79	0.00154	0.0355	0.000199	0.000171	0.000067	0.083	0.00000202	0.0000691	0.000463	0.00158	0.0000805
2055 Nov	0.0442	0.0000076	1.28	2.04	0.0268	0.000226	8.79	0.00154	0.0356	0.000199	0.000171	0.000067	0.083	0.00000202	0.0000692	0.000463	0.00158	0.0000805
2055 Dec	0.0442	0.0000076	1.28	2.04	0.0268	0.000227	8.79	0.00154	0.0356	0.000199	0.000171	0.000067	0.083	0.00000202	0.0000692	0.000463	0.00158	0.0000804
2056 Jan	0.0442	0.00000761	1.28	2.04	0.0268	0.000227	8.79	0.00154	0.0356	0.000199	0.000171	0.000067	0.0831	0.00000202	0.0000692	0.000463	0.00158	0.0000804
2056 Feb	0.0443	0.00000761	1.28	2.04	0.0269	0.000227	8.79	0.00154	0.0356	0.0002	0.000171	0.000067	0.0832	0.00000202	0.0000693	0.000464	0.00158	0.0000804
2056 Mar	0.0443	0.00000761	1.28	2.04	0.0269	0.000227	8.8	0.00154	0.0357	0.0002	0.000171	0.0000671	0.0833	0.00000202	0.0000693	0.000465	0.00158	0.0000804
2056 Apr	0.0445	0.00000763	1.29	2.05	0.027	0.000228	8.82	0.00155	0.0358	0.000201	0.000172	0.0000673	0.0836	0.00000203	0.0000695	0.000466	0.00159	0.0000806
2056 May	0.0474	0.00000775	1.33	2.16	0.0303	0.000228	8.85	0.00157	0.0367	0.00023	0.000175	0.0000701	0.0877	0.00000204	0.0000702	0.0005	0.0016	0.0000784
2056 Jun	0.0538	0.00000749	1.39	2.43	0.0397	0.000219	8.76	0.00157	0.0368	0.000318	0.000173	0.0000763	0.0975	0.00000194	0.0000693	0.000578	0.00153	0.0000713
2056 Jul	0.0548	0.00000771	1.43	2.48	0.0402	0.000226	9.08	0.00162	0.0377	0.000321	0.000177	0.0000782	0.0998	0.00000201	0.0000716	0.000587	0.00158	0.0000747
2056 Aug	0.0553	0.00000783	1.44	2.5	0.0403	0.000231	9.12	0.00163	0.0382	0.000321	0.000177	0.0000788	0.101	0.00000203	0.0000723	0.000587	0.00159	0.0000746
2056 Sep	0.0561	0.00000796	1.46	2.53	0.0408	0.000236	9.24	0.00166	0.0389	0.000325	0.000179	0.0000799	0.102	0.00000206	0.0000734	0.000594	0.00161	0.0000754

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0552	0.00000787	1.44	2.49	0.04	0.000235	9.07	0.00163	0.0385	0.000318	0.000176	0.0000785	0.1	0.00000203	0.0000725	0.000583	0.00159	0.0000738
2056 Nov	0.0551	0.00000787	1.44	2.48	0.0397	0.000237	9.02	0.00162	0.0385	0.000315	0.000174	0.0000781	0.0999	0.00000203	0.0000725	0.000579	0.00158	0.0000732
2056 Dec	0.0551	0.00000787	1.44	2.48	0.0397	0.000237	9.02	0.00162	0.0386	0.000315	0.000174	0.0000781	0.0999	0.00000203	0.0000725	0.000579	0.00158	0.0000731
2057 Jan	0.0551	0.00000787	1.44	2.48	0.0397	0.000237	9.02	0.00162	0.0386	0.000315	0.000174	0.0000781	0.1	0.00000203	0.0000725	0.000579	0.00158	0.0000731
2057 Feb	0.0551	0.00000787	1.44	2.49	0.0397	0.000238	9.02	0.00162	0.0386	0.000315	0.000174	0.0000781	0.1	0.00000203	0.0000725	0.00058	0.00158	0.0000731
2057 Mar	0.0552	0.00000788	1.44	2.49	0.0398	0.000238	9.03	0.00162	0.0386	0.000316	0.000174	0.0000782	0.1	0.00000203	0.0000726	0.000581	0.00158	0.0000731
2057 Apr	0.0554	0.00000791	1.44	2.5	0.04	0.000238	9.06	0.00163	0.0387	0.000317	0.000175	0.0000784	0.1	0.00000204	0.0000728	0.000582	0.00159	0.0000733
2057 May	0.0563	0.00000801	1.46	2.53	0.0406	0.000241	9.17	0.00165	0.0393	0.000322	0.000177	0.0000795	0.102	0.00000207	0.0000737	0.000592	0.00161	0.0000741
2057 Jun	0.0524	0.0000077	1.36	2.33	0.0372	0.000217	8.45	0.00155	0.0374	0.000294	0.000176	0.000074	0.0939	0.00000197	0.0000695	0.000562	0.00157	0.000068
2057 Jul	0.0518	0.00000775	1.38	2.33	0.0363	0.000222	8.72	0.00158	0.0374	0.000285	0.000178	0.0000745	0.094	0.000002	0.000071	0.000556	0.00159	0.0000721
2057 Aug	0.0545	0.00000815	1.45	2.45	0.0381	0.000233	9.16	0.00166	0.0393	0.0003	0.000187	0.0000783	0.0987	0.00000211	0.0000747	0.000584	0.00167	0.0000757
2057 Sep	0.0551	0.00000825	1.46	2.48	0.0385	0.000236	9.26	0.00168	0.0398	0.000303	0.000189	0.0000791	0.0998	0.00000213	0.0000755	0.00059	0.00169	0.0000764
2057 Oct	0.0547	0.00000821	1.45	2.46	0.0381	0.000236	9.18	0.00167	0.0396	0.0003	0.000187	0.0000784	0.0991	0.00000212	0.0000751	0.000584	0.00168	0.0000756
2057 Nov	0.0547	0.00000822	1.45	2.46	0.038	0.000239	9.16	0.00166	0.0397	0.000298	0.000186	0.0000783	0.099	0.00000212	0.0000752	0.000583	0.00168	0.0000752
2057 Dec	0.0547	0.00000823	1.45	2.46	0.038	0.000239	9.16	0.00166	0.0398	0.000298	0.000186	0.0000783	0.099	0.00000212	0.0000753	0.000582	0.00168	0.0000752
2058 Jan	0.0547	0.00000823	1.45	2.46	0.038	0.000239	9.16	0.00166	0.0398	0.000298	0.000186	0.0000783	0.0991	0.00000212	0.0000753	0.000582	0.00168	0.0000751
2058 Feb	0.0548	0.00000823	1.45	2.46	0.0381	0.000239	9.16	0.00166	0.0398	0.000298	0.000186	0.0000783	0.0991	0.00000212	0.0000753	0.000583	0.00168	0.0000751
2058 Mar	0.0548	0.00000823	1.45	2.46	0.0381	0.000239	9.16	0.00166	0.0398	0.000298	0.000186	0.0000783	0.0992	0.00000212	0.0000753	0.000583	0.00168	0.0000751
2058 Apr	0.0549	0.00000825	1.46	2.47	0.0382	0.00024	9.18	0.00167	0.0399	0.000299	0.000186	0.0000785	0.0994	0.00000212	0.0000755	0.000585	0.00168	0.0000753
2058 May	0.0583	0.00000834	1.5	2.6	0.0422	0.000239	9.18	0.00169	0.0408	0.000335	0.000189	0.0000817	0.104	0.00000212	0.0000759	0.000624	0.00169	0.0000723
2058 Jun	0.0602	0.00000762	1.5	2.72	0.0478	0.000224	9.11	0.00165	0.0382	0.000389	0.000179	0.0000842	0.108	0.00000197	0.0000736	0.000654	0.00155	0.0000693
2058 Jul	0.0598	0.00000769	1.53	2.74	0.047	0.000233	9.55	0.00171	0.0383	0.000381	0.000182	0.0000854	0.109	0.00000202	0.0000762	0.000649	0.00157	0.0000754
2058 Aug	0.0615	0.00000791	1.57	2.82	0.0483	0.00024	9.81	0.00175	0.0394	0.000391	0.000187	0.0000878	0.112	0.00000208	0.0000783	0.000666	0.00162	0.0000775
2058 Sep	0.0611	0.00000789	1.56	2.8	0.0478	0.000241	9.74	0.00174	0.0393	0.000387	0.000185	0.0000871	0.112	0.00000207	0.000078	0.00066	0.00161	0.0000767
2058 Oct	0.0607	0.00000787	1.55	2.78	0.0473	0.000242	9.64	0.00173	0.0393	0.000382	0.000182	0.0000863	0.111	0.00000206	0.0000777	0.000653	0.0016	0.0000756
2058 Nov	0.0607	0.00000788	1.55	2.78	0.0473	0.000243	9.64	0.00173	0.0394	0.000382	0.000182	0.0000863	0.111	0.00000206	0.0000778	0.000653	0.0016	0.0000756
2058 Dec	0.0607	0.00000788	1.55	2.78	0.0472	0.000244	9.64	0.00173	0.0394	0.000382	0.000182	0.0000863	0.111	0.00000206	0.0000778	0.000653	0.0016	0.0000755
2059 Jan	0.0608	0.00000788	1.55	2.78	0.0473	0.000244	9.64	0.00173	0.0394	0.000382	0.000182	0.0000863	0.111	0.00000206	0.0000778	0.000653	0.0016	0.0000755
2059 Feb	0.0608	0.00000789	1.55	2.78	0.0473	0.000244	9.64	0.00173	0.0394	0.000382	0.000182	0.0000863	0.111	0.00000206	0.0000778	0.000653	0.0016	0.0000755
2059 Mar	0.0608	0.00000789	1.56	2.78	0.0473	0.000244	9.64	0.00173	0.0394	0.000382	0.000182	0.0000863	0.111	0.00000206	0.0000778	0.000654	0.0016	0.0000755
2059 Apr	0.061	0.0000079	1.56	2.79	0.0474	0.000244	9.67	0.00173	0.0395	0.000383	0.000183	0.0000865	0.111	0.00000206	0.000078	0.000655	0.0016	0.0000756
2059 May	0.0626	0.00000801	1.58	2.85	0.0492	0.000245	9.69	0.00175	0.0402	0.000399	0.000185	0.0000881	0.114	0.00000208	0.0000785	0.000675	0.00162	0.0000745
2059 Jun	0.0666	0.00000805	1.6	2.97	0.0542	0.000234	9.29	0.00172	0.041	0.000446	0.000187	0.0000906	0.118	0.00000203	0.0000767	0.000724	0.00161	0.0000657
2059 Jul	0.0697	0.00000845	1.68	3.1	0.0566	0.000246	9.73	0.0018	0.043	0.000465	0.000196	0.0000948	0.123	0.00000213	0.0000805	0.000757	0.00169	0.0000689
2059 Aug	0.0724	0.00000878	1.74	3.22	0.0588	0.000255	10.1	0.00187	0.0447	0.000484	0.000203	0.0000985	0.128	0.00000221	0.0000836	0.000787	0.00176	0.0000716
2059 Sep	0.0723	0.00000881	1.74	3.22	0.0585	0.000259	10.1	0.00187	0.0449	0.00048	0.000202	0.0000981	0.128	0.00000222	0.0000838	0.000782	0.00175	0.000071
2059 Oct	0.0677	0.0000085	1.63	3	0.0531	0.000267	9.3	0.00173	0.0437	0.000432	0.000183	0.0000905	0.119	0.00000211	0.0000804	0.000714	0.00164	0.0000638
2059 Nov	0.0672	0.00000849	1.62	2.97	0.0523	0.00027	9.2	0.00172	0.0438	0.000425	0.00018	0.0000895	0.118	0.0000021	0.0000802	0.000705	0.00163	0.0000627
2059 Dec	0.0672	0.0000085	1.62	2.97	0.0523	0.000271	9.19	0.00172	0.0438	0.000425	0.00018	0.0000895	0.118	0.0000021	0.0000802	0.000704	0.00163	0.0000626
2060 Jan	0.0672	0.0000085	1.62	2.97	0.0523	0.000271	9.19	0.00172	0.0438	0.000425	0.00018	0.0000895	0.118	0.0000021	0.0000803	0.000705	0.00163	0.0000626
2060 Feb	0.0673	0.0000085	1.62	2.97	0.0523	0.000271	9.2	0.00172	0.0439	0.000425	0.00018	0.0000895	0.118	0.0000021	0.0000803	0.000705	0.00163	0.0000626
2060 Mar	0.0673	0.0000085	1.62	2.97	0.0524	0.000271	9.2	0.00172	0.0439	0.000425	0.00018	0.0000895	0.118	0.0000021	0.0000803	0.000706	0.00163	0.0000626
2060 Apr	0.0675	0.00000853	1.63	2.98	0.0526	0.000272	9.23	0.00173	0.044	0.000427	0.00018	0.0000898	0.119	0.00000211	0.0000806	0.000708	0.00163	0.0000628
2060 May	0.0697	0.00000858	1.65	3.06	0.0553	0.000268	9.19	0.00173	0.0445	0.000452	0.000183	0.0000918	0.122	0.0000021	0.0000804	0.000736	0.00164	0.0000604
2060 Jun	0.0674	0.00000814	1.61	3	0.0545	0.000249	9.14	0.00171	0.042	0.000447	0.000182	0.0000905	0.119	0.00000203	0.0000783	0.000723	0.00159	0.000062
2060 Jul	0.0696	0.00000847	1.68	3.11	0.0561	0.00026	9.65	0.00179	0.0435	0.000459	0.00019	0.0000942	0.123	0.00000213	0.0000822	0.000747	0.00166	0.0000667
2060 Aug	0.0697	0.00000858	1.68	3.11	0.0558	0.000266	9.64	0.0018	0.0439	0.000456	0.000189	0.0000944	0.123	0.00000214	0.0000826	0.000742	0.00167	0.0000663
2060 Sep	0.0648	0.00000836	1.58	2.89	0.0505	0.000271	8.89	0.00168	0.0423	0.000408	0.000171	0.000088	0.115	0.00000205	0.0000784	0.000669	0.00157	0.0000593
2060 Oct	0.0639	0.00000829	1.56	2.85	0.0495	0.000272	8.82	0.00166	0.042	0.000399	0.000168	0.0000868	0.114	0.00000204	0.000078	0.000657	0.00155	0.000059
2060 Nov	0.0635	0.00000826	1.56	2.83	0.049	0.000273	8.79	0.00165	0.0419	0.000395	0.000166	0.0000862	0.113	0.00000203	0.0000779	0.000651	0.00154	0.0000588
2060 Dec	0.0635	0.00000826	1.56	2.83	0.049	0.000274	8.79	0.00165	0.0419	0.000394	0.000166	0.0000862	0.113	0.00000203	0.0000779	0.000651	0.00154	0.0000588
2061 Jan	0.0635	0.00000826	1.56	2.83	0.049	0.000274	8.79	0.00165	0.0419	0.000394	0.000166	0.0000862	0.113	0.00000203	0.0000779	0.000651	0.00154	0.0000588
2061 Feb	0.0635	0.00000826	1.56	2.84	0.0491	0.000274	8.79	0.00165	0.0419	0.000395	0.000166	0.0000862	0.113	0.00000203	0.000078	0.000651	0.00154	0.0000588
2061 Mar	0.0636	0.00000827	1.56	2.84	0.0491	0.000274	8.79	0.00165	0.0419	0.000395	0.000166	0.0000862	0.113	0.00000203	0.000078	0.000652	0.00154	0.0000588
2061 Apr	0.0638	0.00000829	1.56	2.85	0.0493	0.000275	8.82	0.00166	0.0421	0.000396	0.000167	0.0000865	0.113	0.00000204	0.0000782	0.000654	0.00155	0.000059
2061 May	0.0668	0.00000834	1.61	2.98	0.0531	0.000271	9.05	0.0017	0.0426	0.00043	0.000173	0.0000902	0.118	0.00000205	0.0000795	0.000695	0.00157	0.0000596
2061 Jun	0.0645	0.0000078	1.61	2.97	0.0527	0.000256	9.54	0.00174	0.0397	0.000429	0.000176	0.0000907	0.117	0.00000201	0.0000806	0.000689	0.00153	0.0000684
2061 Jul	0.0666	0.00000812	1.67	3.07	0.0542	0.000267	9.99	0.00182	0.0412	0.000441	0.000183	0.0000942	0.122	0.0000021	0.0000843	0.000711	0.0016	0.0000724
2061 Aug	0.0691	0.00000843	1.73	3.19	0.0562	0.000277	10.4	0.00188	0.0428	0.000457	0.00019	0.0000977	0.126	0.00000218	0.0000875	0.000738	0.00166	0.000075
2061 Sep	0.0695	0.00000848	1.74	3.2	0.0565	0.000279	10.4	0.00189	0.043	0.000459	0.000191	0.0000982	0.127	0.00000219	0.000088	0.000741	0.00167	0.0000754
2061 Oct	0.0666	0.00000828	1.67	3.06	0.0531	0.000282	9.89	0.00181	0.0423	0.00043	0.000179	0.0000932	0.121	0.00000212	0.0000854	0.0007	0.0016	0.0000705
2061 Nov	0.0656	0.00000827	1.64	3	0.0516	0.000288	9.67	0.00177	0.0424	0.000416	0.000174	0.0000912	0.119	0.0000021	0.0000848	0.000682	0.00157	0.0000681
2061 Dec	0.0656	0.00000827	1.64	3	0.0516	0.000288	9.67	0.00177	0.0424	0.000415	0.000174	0.0000911	0.119	0.0000021	0.0000848	0.000681	0.00157	0.0000681
2062 Jan	0.0656	0.00000827	1.64	3	0.0516	0.000288	9.66	0.00177	0.0424	0.000415	0.000174	0.0000911	0.119	0.0000021	0.0000848	0.000681	0.00157	0.000068
2062 Feb	0.0657	0.00000827	1.64	3.01	0.0516	0.000288	9.67	0.00177	0.0424	0.000416	0.000174	0.0000911	0.119	0.0000021	0.0000848	0.000682	0.00157	0.000068
2062 Mar	0.0658	0.00000828	1.65	3.01	0.0517	0.000288	9.68	0.00177	0.0425	0.000416	0.000174	0.0000912	0.119	0.0000021	0.0000849	0.000683	0.00158	0.0000681
2062 Apr	0.066	0.00000831	1.65	3.02	0.0519	0.000289	9.71	0.00178	0.0426	0.000418	0.000174	0.0000915	0.12	0.00000211	0.0000852	0.000685	0.00158	0.0000683
2062 May	0.0666	0.00000838	1.67	3.05	0.0524	0.000292	9.8	0.0018	0.043	0.000422	0.000176	0.0000923	0.121	0.00000213	0.000086	0.000692	0.0016	0.0000689
2062 Jun	0.0594	0.00000815	1.52	2.69	0.0445	0.000259	8.96	0.00168	0.0406	0.000354	0.000179	0.0000834	0.107	0.00000206	0.0000807	0.000629	0.0016	0.0000647
2062 Jul	0.0568	0.00000805	1.49	2.6	0.0418	0.000253	9.05	0.00168	0.0395	0.00033	0.000181	0.0000818	0.103	0.00000206	0.0000813	0.000606	0.00161	0.0000681
2062 Aug	0.0567	0.00000812	1.49	2.59	0.0414	0.000257	8.99	0.00167	0.0397	0.000325	0.000179	0.0000816	0.103	0.00000207	0.0000812	0.000599	0.00161	0.000067
2062 Sep	0.0553	0.000008	1.46	2.53	0.0399	0.000259	8.74	0.00163	0.0393	0.000312	0.000172	0.0000793	0.101	0.00000203	0.0000798	0.000578	0.00157	0.0000646
2062 Oct	0.052	0.00000765	1.43	2.46	0.0361	0.000295	8.89	0.00161	0.0382	0.000276	0.000151	0.0000761	0.098	0.00000198	0.0000831	0.000516	0.00144	0.0000675
2062 Nov	0.052	0.00000767	1.43	2.46	0.0359	0.000299	8.91	0.00161	0.0384	0.000274	0.00015	0.000076	0.098	0.00000199	0.0000835	0.000513	0.00144	0.0000676
2062 Dec	0.052	0.00000767	1.43	2.46	0.0359	0.000299	8.9	0.00161	0.0384	0.000274	0.00015	0.000076	0.098	0.00000199	0.0000835	0.000513	0.00144	0.0000675
2063 Jan	0.052	0.00000767	1.43	2.46	0.0359	0.000299	8.9	0.00161	0.0384	0.000274	0.00015	0.000076	0.0981	0.00000199	0.0000835	0.000513	0.00144	0.0000675
2063 Feb	0.052	0.00000768	1.43	2.46	0.0359	0.000299	8.91	0.00161	0.0384	0.000274	0.00015	0.000076	0.0981	0.00000199	0.0000835	0.000514	0.00144	0.0000675

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0521	0.00000768	1.43	2.46	0.036	0.000299	8.91	0.00161	0.0384	0.000274	0.00015	0.0000761	0.0982	0.00000199	0.0000835	0.000514	0.00144	0.0000675
2063 Apr	0.0522	0.00000769	1.44	2.47	0.0361	0.0003	8.93	0.00162	0.0385	0.000275	0.00015	0.0000762	0.0984	0.00000199	0.0000837	0.000515	0.00144	0.0000676
2063 May	0.0542	0.00000777	1.47	2.55	0.0385	0.000299	9.03	0.00164	0.0391	0.000296	0.000154	0.0000786	0.102	0.00000201	0.0000844	0.000541	0.00146	0.0000673
2063 Jun	0.0524	0.00000715	1.46	2.54	0.0398	0.000262	9.21	0.00166	0.0353	0.000312	0.000163	0.0000801	0.101	0.00000192	0.0000846	0.000554	0.00143	0.0000713
2063 Jul	0.051	0.00000706	1.47	2.53	0.0385	0.000269	9.57	0.0017	0.0345	0.000299	0.000163	0.0000806	0.1	0.00000194	0.0000875	0.000538	0.00143	0.0000767
2063 Aug	0.0529	0.00000735	1.52	2.62	0.0399	0.00028	9.91	0.00176	0.0359	0.000309	0.000169	0.0000835	0.104	0.00000202	0.0000907	0.000557	0.00148	0.0000793
2063 Sep	0.0526	0.00000741	1.52	2.6	0.0392	0.000284	9.79	0.00174	0.0361	0.000303	0.000165	0.0000829	0.103	0.00000202	0.0000902	0.000547	0.00147	0.0000776
2063 Oct	0.0517	0.00000733	1.49	2.55	0.0383	0.000284	9.58	0.00171	0.0358	0.000295	0.000161	0.0000811	0.101	0.00000199	0.0000889	0.000535	0.00145	0.0000755
2063 Nov	0.0516	0.00000735	1.48	2.54	0.038	0.000286	9.52	0.0017	0.036	0.000292	0.00016	0.0000806	0.101	0.00000199	0.0000888	0.000531	0.00144	0.0000747
2063 Dec	0.0516	0.00000735	1.48	2.54	0.0379	0.000287	9.51	0.0017	0.036	0.000292	0.00016	0.0000806	0.101	0.00000199	0.0000888	0.000531	0.00144	0.0000747
2064 Jan	0.0517	0.00000736	1.48	2.54	0.038	0.000287	9.51	0.0017	0.0361	0.000292	0.00016	0.0000806	0.101	0.00000199	0.0000888	0.000531	0.00144	0.0000746
2064 Feb	0.0517	0.00000736	1.49	2.54	0.038	0.000287	9.52	0.0017	0.0361	0.000292	0.00016	0.0000807	0.101	0.00000199	0.0000888	0.000532	0.00144	0.0000746
2064 Mar	0.0518	0.00000737	1.49	2.55	0.0381	0.000287	9.53	0.0017	0.0361	0.000292	0.00016	0.0000807	0.101	0.00000199	0.0000889	0.000533	0.00144	0.0000747
2064 Apr	0.0519	0.00000738	1.49	2.55	0.0382	0.000288	9.55	0.00171	0.0362	0.000293	0.00016	0.0000809	0.101	0.00000199	0.0000891	0.000534	0.00145	0.0000748
2064 May	0.0551	0.00000745	1.53	2.68	0.0421	0.000285	9.58	0.00173	0.037	0.000329	0.000164	0.0000841	0.106	0.000002	0.0000894	0.000574	0.00146	0.0000727
2064 Jun	0.0571	0.00000697	1.57	2.83	0.0472	0.000273	9.85	0.00177	0.035	0.000376	0.000165	0.0000885	0.111	0.00000191	0.0000913	0.000611	0.00139	0.0000737
2064 Jul	0.0583	0.00000715	1.61	2.89	0.048	0.000281	10.1	0.00182	0.0358	0.000382	0.000169	0.0000907	0.114	0.00000197	0.0000939	0.000623	0.00143	0.0000762
2064 Aug	0.0586	0.00000724	1.62	2.9	0.0481	0.000284	10.2	0.00183	0.0362	0.000382	0.000169	0.0000911	0.114	0.00000198	0.0000944	0.000623	0.00144	0.0000761
2064 Sep	0.0568	0.00000721	1.57	2.8	0.0458	0.000286	9.74	0.00176	0.0359	0.000362	0.00016	0.000088	0.111	0.00000195	0.0000917	0.000593	0.0014	0.0000719
2064 Oct	0.0569	0.00000723	1.57	2.8	0.0457	0.000288	9.73	0.00176	0.036	0.000361	0.00016	0.0000879	0.111	0.00000195	0.0000918	0.000592	0.0014	0.0000717
2064 Nov	0.057	0.00000726	1.58	2.81	0.0458	0.000289	9.76	0.00177	0.0361	0.000362	0.00016	0.0000881	0.111	0.00000196	0.000092	0.000593	0.0014	0.0000719
2064 Dec	0.057	0.00000726	1.58	2.81	0.0458	0.000289	9.76	0.00177	0.0362	0.000362	0.00016	0.0000881	0.111	0.00000196	0.0000921	0.000593	0.0014	0.0000718
2065 Jan	0.057	0.00000726	1.58	2.81	0.0458	0.000289	9.76	0.00177	0.0362	0.000362	0.00016	0.0000881	0.111	0.00000196	0.0000921	0.000593	0.0014	0.0000718
2065 Feb	0.0571	0.00000726	1.58	2.81	0.0458	0.000289	9.76	0.00177	0.0362	0.000362	0.00016	0.0000881	0.111	0.00000196	0.0000921	0.000593	0.0014	0.0000718
2065 Mar	0.0571	0.00000727	1.58	2.82	0.0459	0.00029	9.77	0.00177	0.0362	0.000362	0.00016	0.0000882	0.111	0.00000196	0.0000922	0.000594	0.00141	0.0000719
2065 Apr	0.0574	0.0000073	1.59	2.83	0.0461	0.000291	9.8	0.00177	0.0364	0.000364	0.000161	0.0000885	0.112	0.00000197	0.0000925	0.000596	0.00141	0.0000721
2065 May	0.0592	0.0000074	1.61	2.89	0.0481	0.00029	9.8	0.00178	0.0371	0.000382	0.000164	0.0000901	0.114	0.00000198	0.0000925	0.000619	0.00143	0.0000706
2065 Jun	0.0559	0.0000071	1.55	2.76	0.0453	0.000272	9.53	0.00175	0.0352	0.000359	0.000165	0.0000869	0.108	0.00000192	0.0000914	0.000596	0.00141	0.0000699
2065 Jul	0.0571	0.00000736	1.61	2.85	0.046	0.000287	10.1	0.00184	0.0362	0.000362	0.000173	0.0000904	0.112	0.00000201	0.0000969	0.000609	0.00147	0.0000756
2065 Aug	0.0589	0.00000762	1.66	2.94	0.0474	0.000297	10.4	0.0019	0.0375	0.000373	0.000178	0.0000933	0.116	0.00000208	0.0001	0.000628	0.00152	0.0000779
2065 Sep	0.0567	0.00000749	1.6	2.81	0.0446	0.000298	9.88	0.00181	0.037	0.000349	0.000167	0.0000887	0.111	0.00000201	0.0000965	0.000593	0.00146	0.0000728
2065 Oct	0.0525	0.00000726	1.49	2.61	0.0391	0.000313	9.18	0.00169	0.0364	0.0003	0.000147	0.000081	0.103	0.00000192	0.0000932	0.000524	0.00135	0.0000664
2065 Nov	0.052	0.00000725	1.49	2.59	0.0385	0.000317	9.19	0.00169	0.0364	0.000294	0.000145	0.0000806	0.102	0.00000192	0.0000937	0.000517	0.00134	0.0000667
2065 Dec	0.052	0.00000725	1.49	2.59	0.0385	0.000317	9.18	0.00169	0.0364	0.000293	0.000145	0.0000806	0.102	0.00000192	0.0000937	0.000516	0.00134	0.0000666
2066 Jan	0.0521	0.00000725	1.49	2.6	0.0385	0.000317	9.18	0.00169	0.0364	0.000294	0.000145	0.0000806	0.102	0.00000192	0.0000937	0.000517	0.00134	0.0000666
2066 Feb	0.0521	0.00000726	1.49	2.6	0.0386	0.000317	9.19	0.00169	0.0364	0.000294	0.000145	0.0000806	0.102	0.00000192	0.0000937	0.000517	0.00134	0.0000666
2066 Mar	0.0523	0.00000727	1.49	2.6	0.0387	0.000318	9.21	0.00169	0.0365	0.000294	0.000146	0.0000808	0.102	0.00000193	0.0000939	0.000518	0.00135	0.0000667
2066 Apr	0.0524	0.00000729	1.5	2.61	0.0388	0.000319	9.23	0.00169	0.0366	0.000295	0.000146	0.000081	0.103	0.00000193	0.0000941	0.00052	0.00135	0.0000669
2066 May	0.053	0.00000736	1.51	2.64	0.0393	0.000321	9.31	0.00171	0.037	0.0003	0.000147	0.0000818	0.104	0.00000195	0.0000949	0.000526	0.00136	0.0000673
2066 Jun	0.0484	0.00000705	1.45	2.48	0.0359	0.000286	9.24	0.00172	0.034	0.000271	0.000162	0.0000798	0.0971	0.00000192	0.0000954	0.000509	0.0014	0.0000706
2066 Jul	0.0497	0.00000733	1.53	2.59	0.0368	0.000302	9.89	0.00183	0.035	0.000275	0.00017	0.000084	0.101	0.00000202	0.000102	0.000523	0.00147	0.0000771
2066 Aug	0.0514	0.00000759	1.58	2.67	0.0379	0.000313	10.2	0.00188	0.0362	0.000284	0.000176	0.0000867	0.105	0.00000209	0.000105	0.000539	0.00152	0.0000794
2066 Sep	0.0512	0.0000076	1.57	2.65	0.0374	0.000315	10.1	0.00187	0.0364	0.000279	0.000173	0.0000858	0.104	0.00000208	0.000105	0.000533	0.00151	0.0000781
2066 Oct	0.0501	0.00000751	1.53	2.58	0.036	0.000316	9.74	0.00181	0.0362	0.000267	0.000166	0.000083	0.101	0.00000204	0.000102	0.000514	0.00147	0.0000746
2066 Nov	0.0499	0.00000751	1.52	2.56	0.0356	0.000317	9.66	0.00179	0.0363	0.000264	0.000164	0.0000823	0.101	0.00000203	0.000102	0.000509	0.00146	0.0000736
2066 Dec	0.0499	0.00000752	1.52	2.56	0.0356	0.000318	9.65	0.00179	0.0364	0.000264	0.000164	0.0000822	0.101	0.00000203	0.000102	0.000509	0.00146	0.0000735
2067 Jan	0.0499	0.00000752	1.52	2.57	0.0356	0.000318	9.65	0.00179	0.0364	0.000264	0.000164	0.0000823	0.101	0.00000203	0.000102	0.000509	0.00146	0.0000735
2067 Feb	0.05	0.00000752	1.52	2.57	0.0357	0.000318	9.66	0.0018	0.0364	0.000264	0.000164	0.0000823	0.101	0.00000203	0.000102	0.00051	0.00146	0.0000735
2067 Mar	0.0501	0.00000753	1.52	2.57	0.0357	0.000318	9.67	0.0018	0.0364	0.000265	0.000164	0.0000824	0.101	0.00000204	0.000102	0.00051	0.00146	0.0000735
2067 Apr	0.0502	0.00000755	1.52	2.58	0.0358	0.000319	9.68	0.0018	0.0365	0.000265	0.000164	0.0000825	0.101	0.00000204	0.000102	0.000512	0.00146	0.0000737
2067 May	0.0521	0.00000766	1.55	2.64	0.0378	0.000319	9.72	0.00182	0.0373	0.000283	0.000167	0.0000843	0.104	0.00000206	0.000102	0.000534	0.00148	0.0000726
2067 Jun	0.0544	0.00000752	1.52	2.67	0.0415	0.00029	9.11	0.00174	0.037	0.000321	0.000169	0.0000842	0.104	0.00000197	0.0000962	0.000572	0.00147	0.000064
2067 Jul	0.0566	0.00000786	1.59	2.78	0.043	0.000302	9.51	0.00182	0.0386	0.000332	0.000176	0.0000878	0.109	0.00000205	0.0001	0.000594	0.00153	0.0000669
2067 Aug	0.057	0.00000803	1.59	2.78	0.0427	0.000305	9.47	0.00182	0.0393	0.00033	0.000175	0.0000878	0.109	0.00000208	0.000101	0.000589	0.00154	0.000066
2067 Sep	0.0571	0.00000808	1.59	2.78	0.0425	0.000309	9.45	0.00182	0.0395	0.000328	0.000174	0.0000877	0.109	0.00000209	0.000101	0.000586	0.00154	0.0000656
2067 Oct	0.0553	0.00000793	1.54	2.67	0.0403	0.00031	9.04	0.00174	0.0391	0.000309	0.000165	0.0000839	0.105	0.00000203	0.0000976	0.000558	0.00149	0.0000617
2067 Nov	0.055	0.00000794	1.53	2.65	0.0397	0.000313	8.94	0.00173	0.0393	0.000304	0.000162	0.0000829	0.104	0.00000202	0.0000971	0.000551	0.00148	0.0000605
2067 Dec	0.055	0.00000795	1.53	2.65	0.0397	0.000314	8.93	0.00173	0.0394	0.000303	0.000162	0.0000829	0.104	0.00000203	0.0000972	0.00055	0.00148	0.0000604
2068 Jan	0.055	0.00000795	1.53	2.65	0.0397	0.000314	8.93	0.00173	0.0394	0.000303	0.000162	0.0000829	0.104	0.00000203	0.0000972	0.000551	0.00148	0.0000604
2068 Feb	0.0551	0.00000796	1.53	2.66	0.0398	0.000314	8.93	0.00173	0.0394	0.000304	0.000162	0.0000829	0.104	0.00000203	0.0000972	0.000552	0.00148	0.0000604
2068 Mar	0.0552	0.00000797	1.53	2.66	0.0399	0.000315	8.95	0.00173	0.0395	0.000304	0.000162	0.0000831	0.104	0.00000203	0.0000974	0.000553	0.00148	0.0000605
2068 Apr	0.0556	0.00000802	1.54	2.68	0.0402	0.000317	9.01	0.00174	0.0397	0.000306	0.000163	0.0000836	0.105	0.00000204	0.000098	0.000557	0.00149	0.0000608
2068 May	0.0579	0.00000809	1.57	2.77	0.043	0.000315	9.08	0.00176	0.0403	0.000332	0.000167	0.0000861	0.109	0.00000205	0.0000983	0.000587	0.00151	0.00006
2068 Jun	0.0561	0.00000727	1.59	2.84	0.0453	0.000297	9.54	0.00182	0.0359	0.000354	0.000169	0.0000894	0.11	0.00000194	0.000102	0.000596	0.00142	0.0000665
2068 Jul	0.0561	0.00000739	1.6	2.85	0.0448	0.000302	9.69	0.00185	0.0363	0.000348	0.000171	0.0000901	0.11	0.00000197	0.000104	0.000591	0.00144	0.0000681
2068 Aug	0.0584	0.00000772	1.66	2.96	0.0464	0.000314	10	0.00192	0.0378	0.000361	0.000177	0.0000935	0.115	0.00000206	0.000108	0.000612	0.0015	0.0000705
2068 Sep	0.0578	0.00000771	1.65	2.92	0.0456	0.000317	9.9	0.0019	0.0379	0.000354	0.000174	0.0000921	0.113	0.00000204	0.000107	0.000602	0.00148	0.000069
2068 Oct	0.0577	0.00000774	1.64	2.91	0.0452	0.000319	9.84	0.00189	0.0381	0.00035	0.000172	0.0000916	0.113	0.00000204	0.000107	0.000598	0.00148	0.0000683
2068 Nov	0.0579	0.00000776	1.64	2.92	0.0453	0.000321	9.86	0.00189	0.0382	0.000351	0.000172	0.0000918	0.113	0.00000205	0.000107	0.000599	0.00148	0.0000684
2068 Dec	0.0579	0.00000776	1.65	2.92	0.0453	0.000321	9.87	0.00189	0.0383	0.000351	0.000172	0.0000918	0.113	0.00000205	0.000107	0.000599	0.00148	0.0000684
2069 Jan	0.0579	0.00000777	1.65	2.92	0.0453	0.000321	9.87	0.00189	0.0383	0.000351	0.000172	0.0000918	0.113	0.00000205	0.000107	0.000599	0.00148	0.0000684
2069 Feb	0.0579	0.00000777	1.65	2.92	0.0453	0.000321	9.87	0.00189	0.0383	0.000351	0.000172	0.0000918	0.113	0.00000205	0.000107	0.000599	0.00148	0.0000684
2069 Mar	0.058	0.00000777	1.65	2.92	0.0453	0.000321	9.87	0.00189	0.0383	0.000351	0.000172	0.0000918	0.113	0.00000205	0.000107	0.0006	0.00148	0.0000684
2069 Apr	0.0581	0.00000778	1.65	2.93	0.0454	0.000322	9.89	0.0019	0.0383	0.000352	0.000173	0.000092	0.113	0.00000205	0.000107	0.000601	0.00148	0.0000685
2069 May	0.059	0.0000079	1.67	2.97	0.0462	0.000326	10	0.00192	0.0389	0.000358	0.000175	0.0000934	0.115	0.00000209	0.000109	0.000611	0.00151	0.0000694
2069 Jun	0.0539	0.00000777	1.53	2.66	0.0405	0.000289	8.97	0.00178	0.0375	0.00031	0.000178	0.0000849	0.103	0.000002	0.0001	0.000572	0.00152	0.0000613
2069 Jul	0.0545	0.00000797	1.57	2.72	0.0407	0.000299	9.33	0.00185	0.0382	0.00031	0.000184	0.0000872	0.105	0.00000207	0.000105	0.00058	0.00157	0.0000649

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0556	0.00000813	1.6	2.77	0.0414	0.000306	9.5	0.00188	0.039	0.000315	0.000187	0.0000889	0.107	0.00000211	0.000107	0.00059	0.0016	0.0000661
2069 Sep	0.0536	0.00000796	1.54	2.66	0.039	0.000309	9.1	0.0018	0.0385	0.000295	0.000176	0.0000848	0.103	0.00000205	0.000104	0.000557	0.00154	0.0000624
2069 Oct	0.0506	0.00000773	1.48	2.54	0.0353	0.000328	8.75	0.00173	0.0379	0.000261	0.000158	0.0000799	0.0986	0.00000198	0.000102	0.000505	0.00143	0.0000595
2069 Nov	0.0505	0.00000772	1.48	2.54	0.0351	0.000331	8.77	0.00173	0.0379	0.000259	0.000156	0.0000798	0.0986	0.00000198	0.000103	0.000501	0.00143	0.0000597
2069 Dec	0.0505	0.00000772	1.48	2.54	0.0351	0.000332	8.76	0.00173	0.0379	0.000258	0.000156	0.0000798	0.0986	0.00000198	0.000103	0.0005	0.00143	0.0000596
2070 Jan	0.0505	0.00000773	1.48	2.54	0.0351	0.000332	8.77	0.00173	0.0379	0.000258	0.000156	0.0000798	0.0986	0.00000198	0.000103	0.000501	0.00143	0.0000596
2070 Feb	0.0506	0.00000773	1.48	2.54	0.0352	0.000332	8.77	0.00173	0.038	0.000259	0.000156	0.0000799	0.0987	0.00000198	0.000103	0.000501	0.00143	0.0000596
2070 Mar	0.0506	0.00000773	1.49	2.55	0.0353	0.000332	8.78	0.00173	0.038	0.000259	0.000156	0.0000799	0.0989	0.00000198	0.000103	0.000502	0.00143	0.0000597
2070 Apr	0.0508	0.00000776	1.49	2.56	0.0354	0.000333	8.81	0.00174	0.0381	0.00026	0.000157	0.0000802	0.0992	0.00000199	0.000103	0.000504	0.00143	0.0000598
2070 May	0.0532	0.00000786	1.53	2.66	0.0381	0.000333	8.96	0.00177	0.0388	0.000284	0.000161	0.0000831	0.103	0.00000201	0.000105	0.000533	0.00145	0.0000599
2070 Jun	0.058	0.00000768	1.63	2.92	0.0459	0.000321	9.44	0.00186	0.0382	0.000355	0.000171	0.0000911	0.113	0.00000199	0.000108	0.000607	0.00146	0.000062
2070 Jul	0.0597	0.00000794	1.68	3	0.0471	0.000331	9.73	0.00192	0.0394	0.000365	0.000177	0.0000939	0.116	0.00000206	0.000111	0.000624	0.00151	0.000064
2070 Aug	0.0608	0.00000813	1.71	3.06	0.0478	0.000338	9.89	0.00195	0.0403	0.00037	0.00018	0.0000955	0.118	0.0000021	0.000113	0.000633	0.00154	0.0000649
2070 Sep	0.0591	0.00000805	1.65	2.95	0.0455	0.00034	9.5	0.00188	0.0401	0.00035	0.000171	0.0000917	0.114	0.00000206	0.00011	0.000605	0.00149	0.0000613
2070 Oct	0.0572	0.00000792	1.6	2.84	0.043	0.000343	9.13	0.00181	0.0398	0.000328	0.000161	0.0000878	0.11	0.00000201	0.000107	0.000574	0.00144	0.0000581
2070 Nov	0.0569	0.00000793	1.59	2.83	0.0426	0.000345	9.09	0.0018	0.0399	0.000324	0.00016	0.0000872	0.109	0.00000201	0.000107	0.000569	0.00144	0.0000577
2070 Dec	0.0569	0.00000794	1.59	2.83	0.0425	0.000346	9.08	0.0018	0.0399	0.000324	0.000159	0.0000872	0.109	0.00000201	0.000107	0.000569	0.00144	0.0000577
2071 Jan	0.057	0.00000794	1.59	2.83	0.0426	0.000346	9.08	0.0018	0.0399	0.000324	0.000159	0.0000872	0.109	0.00000201	0.000107	0.000569	0.00144	0.0000576
2071 Feb	0.057	0.00000794	1.59	2.83	0.0426	0.000346	9.09	0.0018	0.0399	0.000324	0.000159	0.0000872	0.11	0.00000201	0.000107	0.000569	0.00144	0.0000576
2071 Mar	0.057	0.00000794	1.59	2.83	0.0426	0.000346	9.09	0.0018	0.0399	0.000324	0.000159	0.0000872	0.11	0.00000201	0.000107	0.00057	0.00144	0.0000576
2071 Apr	0.0571	0.00000795	1.6	2.84	0.0427	0.000346	9.1	0.00181	0.04	0.000325	0.00016	0.0000874	0.11	0.00000201	0.000107	0.000571	0.00144	0.0000577
2071 May	0.0583	0.00000796	1.61	2.89	0.0444	0.000343	9.15	0.00182	0.0401	0.00034	0.000162	0.0000888	0.112	0.00000201	0.000107	0.000588	0.00145	0.0000574
2071 Jun	0.0566	0.00000761	1.62	2.89	0.0447	0.000326	9.36	0.00186	0.0376	0.000343	0.00017	0.0000905	0.111	0.00000198	0.00011	0.000592	0.00144	0.0000613
2071 Jul	0.0566	0.00000775	1.65	2.93	0.0444	0.000335	9.67	0.00192	0.038	0.000339	0.000175	0.0000923	0.112	0.00000203	0.000114	0.000593	0.00148	0.0000647
2071 Aug	0.0582	0.00000797	1.7	3.01	0.0456	0.000345	9.93	0.00198	0.0391	0.000347	0.00018	0.0000948	0.115	0.00000209	0.000118	0.000608	0.00152	0.0000663
2071 Sep	0.0566	0.00000785	1.64	2.91	0.0437	0.000342	9.57	0.00191	0.0386	0.000332	0.000172	0.0000915	0.112	0.00000204	0.000114	0.000584	0.00147	0.0000632
2071 Oct	0.0556	0.00000777	1.61	2.85	0.0425	0.000341	9.34	0.00186	0.0383	0.000322	0.000167	0.0000892	0.109	0.00000201	0.000112	0.000569	0.00145	0.0000613
2071 Nov	0.0553	0.00000777	1.6	2.83	0.042	0.000343	9.25	0.00185	0.0384	0.000317	0.000164	0.0000884	0.109	0.000002	0.000111	0.000563	0.00144	0.0000604
2071 Dec	0.0553	0.00000777	1.6	2.82	0.0419	0.000343	9.24	0.00185	0.0384	0.000316	0.000164	0.0000882	0.109	0.000002	0.000111	0.000562	0.00144	0.0000602
2072 Jan	0.0553	0.00000777	1.6	2.82	0.0419	0.000343	9.24	0.00185	0.0385	0.000316	0.000164	0.0000882	0.109	0.000002	0.000111	0.000562	0.00144	0.0000601
2072 Feb	0.0554	0.00000778	1.6	2.83	0.042	0.000343	9.24	0.00185	0.0385	0.000316	0.000164	0.0000883	0.109	0.000002	0.000111	0.000563	0.00144	0.0000601
2072 Mar	0.0554	0.00000778	1.6	2.83	0.042	0.000343	9.24	0.00185	0.0385	0.000317	0.000164	0.0000883	0.109	0.000002	0.000111	0.000563	0.00144	0.0000601
2072 Apr	0.0556	0.0000078	1.61	2.84	0.0421	0.000344	9.27	0.00185	0.0386	0.000318	0.000164	0.0000885	0.109	0.00000201	0.000111	0.000565	0.00144	0.0000602
2072 May	0.0563	0.0000079	1.63	2.88	0.0427	0.000349	9.39	0.00188	0.0391	0.000322	0.000167	0.0000897	0.111	0.00000203	0.000113	0.000573	0.00146	0.000061
2072 Jun	0.0525	0.00000789	1.54	2.66	0.0383	0.000324	8.86	0.00181	0.0381	0.000285	0.000173	0.0000847	0.102	0.00000201	0.000109	0.000546	0.0015	0.0000584
2072 Jul	0.0524	0.00000803	1.55	2.66	0.0376	0.000324	8.92	0.00183	0.0385	0.000278	0.000176	0.000085	0.102	0.00000204	0.000111	0.000542	0.00153	0.000059
2072 Aug	0.0506	0.00000808	1.53	2.59	0.0354	0.000339	8.75	0.0018	0.0382	0.000257	0.000164	0.0000836	0.1	0.00000204	0.000109	0.000501	0.00148	0.0000572
2072 Sep	0.0492	0.00000799	1.51	2.55	0.034	0.000348	8.68	0.00178	0.0376	0.000243	0.000157	0.0000824	0.0986	0.00000202	0.000109	0.000475	0.00144	0.0000567
2072 Oct	0.0477	0.00000776	1.51	2.54	0.0328	0.00036	8.82	0.00179	0.0368	0.000231	0.000151	0.0000818	0.0979	0.00000199	0.000112	0.000457	0.00139	0.0000589
2072 Nov	0.0476	0.00000775	1.51	2.54	0.0326	0.000363	8.84	0.00179	0.0368	0.000229	0.00015	0.0000817	0.0978	0.00000199	0.000113	0.000454	0.00138	0.0000591
2072 Dec	0.0476	0.00000776	1.51	2.54	0.0326	0.000364	8.83	0.00179	0.0368	0.000229	0.00015	0.0000816	0.0978	0.00000199	0.000113	0.000453	0.00138	0.0000591
2073 Jan	0.0476	0.00000776	1.51	2.54	0.0326	0.000364	8.84	0.00179	0.0368	0.000229	0.00015	0.0000816	0.0979	0.00000199	0.000113	0.000454	0.00138	0.0000591
2073 Feb	0.0477	0.00000776	1.51	2.55	0.0327	0.000364	8.84	0.00179	0.0368	0.000229	0.00015	0.0000817	0.098	0.00000199	0.000113	0.000454	0.00138	0.0000591
2073 Mar	0.0477	0.00000776	1.51	2.55	0.0327	0.000364	8.84	0.0018	0.0369	0.000229	0.00015	0.0000817	0.098	0.00000199	0.000113	0.000455	0.00138	0.0000591
2073 Apr	0.048	0.00000781	1.52	2.56	0.0329	0.000366	8.89	0.00181	0.0371	0.000231	0.000151	0.0000822	0.0986	0.000002	0.000114	0.000458	0.00139	0.0000594
2073 May	0.0525	0.00000791	1.59	2.75	0.0385	0.000361	9.11	0.00186	0.0381	0.000282	0.000159	0.0000874	0.106	0.00000202	0.000115	0.000517	0.00142	0.0000589
2073 Jun	0.0566	0.00000772	1.67	2.97	0.0452	0.000348	9.5	0.00194	0.0375	0.000343	0.00017	0.000094	0.114	0.000002	0.000119	0.000586	0.00143	0.0000606
2073 Jul	0.0568	0.00000784	1.71	3.02	0.0452	0.000359	9.82	0.002	0.0378	0.00034	0.000174	0.0000961	0.115	0.00000205	0.000123	0.000587	0.00146	0.0000639
2073 Aug	0.058	0.00000802	1.74	3.08	0.046	0.000367	10	0.00204	0.0387	0.000346	0.000177	0.0000979	0.118	0.00000209	0.000126	0.000597	0.00149	0.0000649
2073 Sep	0.0572	0.00000796	1.72	3.04	0.0451	0.000365	9.84	0.00201	0.0385	0.000339	0.000174	0.0000964	0.116	0.00000207	0.000124	0.000587	0.00147	0.0000636
2073 Oct	0.0555	0.00000783	1.65	2.92	0.0429	0.000363	9.43	0.00193	0.0381	0.000321	0.000165	0.0000922	0.112	0.00000202	0.00012	0.00056	0.00142	0.00006
2073 Nov	0.0551	0.00000783	1.64	2.89	0.0422	0.000365	9.3	0.00191	0.0383	0.000315	0.000162	0.000091	0.111	0.00000201	0.000119	0.000552	0.00141	0.0000588
2073 Dec	0.0551	0.00000784	1.64	2.89	0.0421	0.000365	9.3	0.0019	0.0383	0.000314	0.000162	0.0000909	0.111	0.00000201	0.000119	0.000551	0.00141	0.0000587
2074 Jan	0.0552	0.00000784	1.64	2.89	0.0422	0.000365	9.3	0.0019	0.0383	0.000314	0.000162	0.0000909	0.111	0.00000201	0.000119	0.000552	0.00141	0.0000587
2074 Feb	0.0552	0.00000784	1.64	2.89	0.0422	0.000365	9.3	0.0019	0.0383	0.000315	0.000162	0.000091	0.111	0.00000201	0.000119	0.000552	0.00141	0.0000587
2074 Mar	0.0552	0.00000784	1.64	2.9	0.0423	0.000365	9.3	0.00191	0.0383	0.000315	0.000162	0.000091	0.111	0.00000201	0.000119	0.000553	0.00141	0.0000587
2074 Apr	0.0555	0.00000788	1.65	2.91	0.0425	0.000367	9.35	0.00192	0.0385	0.000316	0.000163	0.0000914	0.111	0.00000202	0.000119	0.000555	0.00142	0.000059
2074 May	0.0598	0.00000797	1.72	3.1	0.048	0.000362	9.58	0.00197	0.0393	0.000366	0.000171	0.0000968	0.118	0.00000203	0.000121	0.000613	0.00145	0.0000586
2074 Jun	0.0596	0.0000075	1.77	3.21	0.0508	0.000357	10	0.00206	0.0367	0.000391	0.000177	0.000101	0.122	0.00000198	0.000128	0.000633	0.00141	0.0000631
2074 Jul	0.0612	0.00000776	1.83	3.33	0.0521	0.000373	10.4	0.00215	0.0378	0.000399	0.000183	0.000105	0.126	0.00000205	0.000134	0.000649	0.00146	0.0000666
2074 Aug	0.0638	0.00000809	1.91	3.46	0.0542	0.000389	10.9	0.00224	0.0394	0.000415	0.000191	0.00011	0.131	0.00000214	0.00014	0.000676	0.00152	0.0000693
2074 Sep	0.062	0.00000798	1.85	3.35	0.0519	0.000386	10.5	0.00216	0.0391	0.000396	0.000182	0.000106	0.127	0.00000209	0.000135	0.000649	0.00148	0.000066
2074 Oct	0.0606	0.0000079	1.8	3.25	0.0499	0.000385	10.1	0.00209	0.0389	0.00038	0.000175	0.000102	0.123	0.00000206	0.000132	0.000626	0.00144	0.0000632
2074 Nov	0.0603	0.00000788	1.79	3.24	0.0496	0.000384	10.1	0.00208	0.0388	0.000377	0.000174	0.000101	0.123	0.00000205	0.000131	0.000622	0.00144	0.0000627
2074 Dec	0.0603	0.00000789	1.79	3.23	0.0495	0.000385	10.1	0.00208	0.0389	0.000376	0.000173	0.000101	0.123	0.00000205	0.000131	0.000621	0.00143	0.0000626
2075 Jan	0.0603	0.00000789	1.79	3.23	0.0495	0.000385	10.1	0.00208	0.0389	0.000376	0.000173	0.000101	0.123	0.00000205	0.000131	0.000622	0.00143	0.0000626
2075 Feb	0.0604	0.00000789	1.79	3.24	0.0496	0.000385	10.1	0.00208	0.0389	0.000376	0.000173	0.000101	0.123	0.00000205	0.000131	0.000622	0.00143	0.0000625
2075 Mar	0.0604	0.0000079	1.79	3.24	0.0496	0.000385	10.1	0.00208	0.0389	0.000377	0.000174	0.000101	0.123	0.00000205	0.000131	0.000623	0.00144	0.0000626
2075 Apr	0.0607	0.00000793	1.8	3.25	0.0499	0.000387	10.1	0.00209	0.0391	0.000378	0.000174	0.000102	0.123	0.00000206	0.000132	0.000626	0.00144	0.0000628
2075 May	0.0615	0.00000802	1.82	3.29	0.0506	0.00039	10.2	0.00211	0.0396	0.000384	0.000176	0.000103	0.125	0.00000208	0.000133	0.000635	0.00146	0.0000633
2075 Jun	0.0537	0.00000782	1.66	2.9	0.0419	0.000352	9.32	0.00199	0.0371	0.00031	0.000181	0.0000932	0.11	0.00000201	0.000127	0.000568	0.00148	0.0000596
2075 Jul	0.0523	0.00000789	1.67	2.89	0.0403	0.000359	9.56	0.00205	0.0368	0.000293	0.000187	0.0000942	0.109	0.00000205	0.000132	0.000558	0.00152	0.0000631
2075 Aug	0.0533	0.00000805	1.71	2.95	0.0411	0.000366	9.74	0.00208	0.0375	0.000298	0.000191	0.000096	0.111	0.0000021	0.000134	0.000568	0.00155	0.0000642
2075 Sep	0.0536	0.0000081	1.71	2.96	0.0412	0.000368	9.78	0.00209	0.0378	0.000299	0.000191	0.0000964	0.112	0.00000211	0.000135	0.00057	0.00155	0.0000644
2075 Oct	0.0531	0.00000804	1.69	2.92	0.0406	0.000367	9.65	0.00207	0.0376	0.000295	0.000188	0.0000951	0.11	0.00000209	0.000133	0.000562	0.00154	0.0000633
2075 Nov	0.053	0.00000807	1.69	2.91	0.0403	0.000369	9.59	0.00206	0.0378	0.000292	0.000187	0.0000946	0.11	0.00000209	0.000133	0.000559	0.00153	0.0000626
2075 Dec	0.053	0.00000807	1.69	2.91	0.0402	0.00037	9.58	0.00205	0.0379	0.000291	0.000186	0.0000944	0.11	0.00000209	0.000133	0.000557	0.00153	0.0000624

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0531	0.00000808	1.69	2.91	0.0402	0.00037	9.58	0.00205	0.0379	0.000291	0.000186	0.0000944	0.11	0.00000209	0.000133	0.000558	0.00153	0.0000624
2076 Feb	0.0531	0.00000808	1.69	2.91	0.0403	0.00037	9.58	0.00205	0.038	0.000291	0.000186	0.0000944	0.11	0.00000209	0.000133	0.000558	0.00153	0.0000624
2076 Mar	0.0532	0.00000809	1.69	2.92	0.0404	0.00037	9.59	0.00205	0.038	0.000292	0.000186	0.0000945	0.11	0.00000209	0.000133	0.000559	0.00153	0.0000624
2076 Apr	0.0534	0.00000811	1.7	2.93	0.0405	0.000371	9.61	0.00206	0.0381	0.000292	0.000187	0.0000947	0.111	0.00000209	0.000133	0.000561	0.00154	0.0000625
2076 May	0.0558	0.00000822	1.72	3	0.0431	0.000368	9.61	0.00207	0.039	0.000316	0.000189	0.0000965	0.114	0.0000021	0.000132	0.000589	0.00156	0.0000609
2076 Jun	0.0557	0.00000783	1.67	2.97	0.0448	0.000342	9.2	0.002	0.0373	0.000336	0.000187	0.0000953	0.112	0.000002	0.000127	0.000601	0.0015	0.0000567
2076 Jul	0.0558	0.00000795	1.72	3.04	0.0447	0.000357	9.6	0.00208	0.0375	0.000332	0.000192	0.000098	0.114	0.00000205	0.000133	0.000602	0.00153	0.0000607
2076 Aug	0.0577	0.00000824	1.78	3.14	0.0463	0.000369	9.93	0.00215	0.0389	0.000344	0.000198	0.000101	0.118	0.00000212	0.000138	0.000622	0.00158	0.0000627
2076 Sep	0.0581	0.00000831	1.79	3.16	0.0465	0.000373	9.98	0.00216	0.0392	0.000345	0.000199	0.000102	0.119	0.00000214	0.000139	0.000625	0.00159	0.000063
2076 Oct	0.0564	0.00000816	1.73	3.05	0.0443	0.00037	9.59	0.00208	0.0388	0.000328	0.000189	0.0000978	0.115	0.00000208	0.000134	0.000598	0.00154	0.0000597
2076 Nov	0.0561	0.00000816	1.72	3.02	0.0436	0.000372	9.47	0.00205	0.0389	0.000322	0.000186	0.0000965	0.114	0.00000207	0.000133	0.00059	0.00153	0.0000586
2076 Dec	0.0561	0.00000816	1.72	3.02	0.0436	0.000372	9.46	0.00205	0.039	0.000321	0.000186	0.0000965	0.114	0.00000208	0.000133	0.000589	0.00153	0.0000585
2077 Jan	0.0561	0.00000816	1.72	3.02	0.0436	0.000372	9.46	0.00205	0.039	0.000321	0.000186	0.0000965	0.114	0.00000208	0.000133	0.00059	0.00153	0.0000585
2077 Feb	0.0562	0.00000816	1.72	3.02	0.0437	0.000372	9.46	0.00205	0.039	0.000322	0.000186	0.0000965	0.114	0.00000208	0.000133	0.00059	0.00153	0.0000585
2077 Mar	0.0562	0.00000817	1.72	3.02	0.0437	0.000372	9.47	0.00205	0.039	0.000322	0.000186	0.0000965	0.114	0.00000208	0.000133	0.000591	0.00153	0.0000585
2077 Apr	0.0564	0.00000819	1.72	3.03	0.0439	0.000373	9.5	0.00206	0.0392	0.000323	0.000186	0.0000968	0.114	0.00000208	0.000133	0.000593	0.00153	0.0000586
2077 May	0.0585	0.00000826	1.75	3.11	0.0464	0.000371	9.53	0.00207	0.0398	0.000346	0.000189	0.0000988	0.117	0.00000209	0.000132	0.000619	0.00155	0.0000576
2077 Jun	0.06	0.00000789	1.76	3.2	0.0504	0.000353	9.5	0.00207	0.0381	0.000384	0.00019	0.000101	0.12	0.000002	0.000131	0.00065	0.0015	0.0000563
2077 Jul	0.0618	0.00000818	1.81	3.29	0.0516	0.000363	9.76	0.00214	0.0395	0.000393	0.000197	0.000104	0.124	0.00000207	0.000135	0.000669	0.00155	0.0000578
2077 Aug	0.0638	0.00000845	1.87	3.39	0.0532	0.000375	10.1	0.0022	0.0408	0.000406	0.000203	0.000107	0.128	0.00000214	0.00014	0.00069	0.0016	0.0000596
2077 Sep	0.0606	0.00000821	1.77	3.2	0.0494	0.000369	9.45	0.00207	0.0398	0.000374	0.000188	0.000101	0.121	0.00000206	0.000132	0.000642	0.00152	0.0000549
2077 Oct	0.0597	0.00000818	1.74	3.13	0.0479	0.000371	9.25	0.00203	0.0399	0.000362	0.000182	0.0000985	0.118	0.00000204	0.00013	0.000625	0.0015	0.0000531
2077 Nov	0.0597	0.00000821	1.74	3.13	0.0477	0.000374	9.22	0.00202	0.0401	0.000359	0.000181	0.0000981	0.118	0.00000204	0.00013	0.000622	0.0015	0.0000528
2077 Dec	0.0597	0.00000822	1.74	3.13	0.0476	0.000374	9.22	0.00202	0.0402	0.000359	0.000181	0.0000981	0.118	0.00000204	0.00013	0.000622	0.0015	0.0000527
2078 Jan	0.0597	0.00000822	1.74	3.13	0.0477	0.000374	9.22	0.00202	0.0402	0.000359	0.000181	0.0000981	0.118	0.00000204	0.00013	0.000622	0.0015	0.0000527
2078 Feb	0.0598	0.00000822	1.74	3.13	0.0477	0.000374	9.22	0.00202	0.0402	0.000359	0.000181	0.0000981	0.118	0.00000204	0.00013	0.000623	0.0015	0.0000527
2078 Mar	0.0598	0.00000822	1.74	3.13	0.0478	0.000374	9.23	0.00202	0.0402	0.00036	0.000181	0.0000982	0.118	0.00000204	0.00013	0.000623	0.0015	0.0000527
2078 Apr	0.0602	0.00000827	1.75	3.15	0.048	0.000376	9.28	0.00204	0.0404	0.000362	0.000182	0.0000987	0.119	0.00000205	0.00013	0.000627	0.00151	0.000053
2078 May	0.0639	0.00000827	1.81	3.33	0.0533	0.00037	9.5	0.00209	0.0408	0.000409	0.000189	0.000104	0.125	0.00000206	0.000132	0.000679	0.00152	0.0000529
2078 Jun	0.0624	0.00000785	1.85	3.41	0.0542	0.000374	9.96	0.00218	0.0381	0.000415	0.000192	0.000107	0.127	0.00000201	0.000141	0.000677	0.00147	0.0000586
2078 Jul	0.0647	0.00000816	1.92	3.54	0.0561	0.00039	10.4	0.00228	0.0396	0.000429	0.0002	0.000112	0.132	0.0000021	0.000147	0.000702	0.00153	0.0000612
2078 Aug	0.0655	0.00000829	1.95	3.58	0.0566	0.000396	10.5	0.0023	0.0402	0.000433	0.000202	0.000113	0.134	0.00000213	0.000148	0.000708	0.00155	0.0000618
2078 Sep	0.0656	0.00000833	1.95	3.58	0.0565	0.000398	10.5	0.0023	0.0404	0.000432	0.000201	0.000113	0.134	0.00000213	0.000148	0.000707	0.00156	0.0000616
2078 Oct	0.0644	0.00000825	1.91	3.5	0.0551	0.000396	10.2	0.00225	0.0401	0.00042	0.000196	0.00011	0.131	0.0000021	0.000146	0.00069	0.00153	0.0000599
2078 Nov	0.0641	0.00000825	1.9	3.48	0.0545	0.000397	10.2	0.00223	0.0402	0.000415	0.000194	0.000109	0.13	0.0000021	0.000145	0.000683	0.00152	0.0000591
2078 Dec	0.0641	0.00000826	1.9	3.48	0.0544	0.000397	10.2	0.00223	0.0403	0.000415	0.000194	0.000109	0.13	0.0000021	0.000145	0.000683	0.00152	0.0000591
2079 Jan	0.0641	0.00000826	1.9	3.48	0.0544	0.000397	10.2	0.00223	0.0403	0.000414	0.000194	0.000109	0.13	0.0000021	0.000145	0.000683	0.00152	0.000059
2079 Feb	0.0642	0.00000826	1.9	3.48	0.0545	0.000397	10.2	0.00223	0.0403	0.000415	0.000194	0.000109	0.13	0.0000021	0.000145	0.000684	0.00152	0.000059
2079 Mar	0.0642	0.00000826	1.9	3.48	0.0545	0.000397	10.2	0.00223	0.0403	0.000415	0.000194	0.000109	0.13	0.0000021	0.000145	0.000684	0.00152	0.000059
2079 Apr	0.0644	0.00000829	1.91	3.49	0.0547	0.000399	10.2	0.00224	0.0404	0.000416	0.000194	0.00011	0.131	0.00000211	0.000145	0.000686	0.00153	0.0000592
2079 May	0.0654	0.0000084	1.93	3.54	0.0555	0.000403	10.3	0.00227	0.041	0.000423	0.000197	0.000111	0.133	0.00000213	0.000147	0.000696	0.00155	0.0000598
2079 Jun	0.0573	0.00000806	1.74	3.11	0.0468	0.000358	9.23	0.00209	0.0381	0.00035	0.000197	0.0000998	0.116	0.00000202	0.000136	0.000626	0.00154	0.0000545
2079 Jul	0.0562	0.00000806	1.76	3.12	0.0457	0.000368	9.48	0.00215	0.0377	0.000338	0.000199	0.000101	0.116	0.00000205	0.000142	0.000615	0.00155	0.0000577
2079 Aug	0.0577	0.00000831	1.8	3.2	0.0468	0.000378	9.7	0.0022	0.0388	0.000345	0.000204	0.000103	0.119	0.00000211	0.000145	0.000628	0.00159	0.0000589
2079 Sep	0.0564	0.0000082	1.75	3.1	0.0449	0.000376	9.38	0.00213	0.0385	0.000331	0.000196	0.0000999	0.116	0.00000207	0.000141	0.000605	0.00155	0.0000563
2079 Oct	0.0553	0.00000811	1.72	3.03	0.0436	0.000374	9.15	0.00208	0.0383	0.00032	0.000189	0.0000973	0.113	0.00000203	0.000138	0.000589	0.00152	0.0000544
2079 Nov	0.0549	0.0000081	1.7	3	0.0428	0.000377	9.05	0.00205	0.0384	0.000313	0.000186	0.000096	0.112	0.00000202	0.000137	0.000579	0.0015	0.0000535
2079 Dec	0.0546	0.00000809	1.7	2.99	0.0423	0.000382	9.03	0.00205	0.0385	0.000308	0.000183	0.0000955	0.112	0.00000202	0.000137	0.000571	0.00149	0.0000533
2080 Jan	0.0546	0.0000081	1.7	2.99	0.0423	0.000382	9.03	0.00205	0.0385	0.000308	0.000183	0.0000955	0.112	0.00000202	0.000137	0.000572	0.00149	0.0000533
2080 Feb	0.0547	0.0000081	1.7	3	0.0425	0.000382	9.04	0.00205	0.0386	0.000308	0.000183	0.0000956	0.112	0.00000202	0.000137	0.000573	0.00149	0.0000533
2080 Mar	0.0548	0.0000081	1.7	3	0.0426	0.000382	9.04	0.00205	0.0386	0.000309	0.000183	0.0000956	0.112	0.00000202	0.000137	0.000574	0.00149	0.0000533
2080 Apr	0.055	0.00000812	1.7	3.01	0.0427	0.000383	9.06	0.00206	0.0387	0.000309	0.000184	0.0000958	0.112	0.00000203	0.000138	0.000575	0.00149	0.0000534
2080 May	0.0557	0.00000823	1.73	3.05	0.0433	0.000389	9.19	0.00208	0.0392	0.000314	0.000186	0.0000971	0.114	0.00000206	0.000139	0.000584	0.00151	0.0000541
2080 Jun	0.0526	0.00000812	1.68	2.92	0.0402	0.000373	8.97	0.00207	0.0378	0.000287	0.000192	0.0000946	0.109	0.00000204	0.000139	0.000563	0.00153	0.0000543
2080 Jul	0.0517	0.00000814	1.7	2.93	0.0395	0.000377	9.14	0.00211	0.0374	0.00028	0.000196	0.0000958	0.109	0.00000206	0.000143	0.000557	0.00155	0.0000566
2080 Aug	0.0523	0.00000827	1.71	2.95	0.0397	0.00038	9.19	0.00213	0.038	0.000281	0.000197	0.0000964	0.109	0.00000208	0.000144	0.000558	0.00156	0.0000566
2080 Sep	0.0515	0.00000821	1.68	2.89	0.0386	0.000379	8.98	0.00208	0.0378	0.000272	0.000191	0.0000943	0.107	0.00000206	0.000141	0.000543	0.00154	0.0000548
2080 Oct	0.051	0.00000816	1.65	2.85	0.0378	0.000378	8.82	0.00205	0.0378	0.000266	0.000187	0.0000926	0.106	0.00000204	0.000139	0.000533	0.00152	0.0000535
2080 Nov	0.0506	0.00000812	1.64	2.83	0.0374	0.000379	8.78	0.00203	0.0376	0.000263	0.000184	0.000092	0.105	0.00000203	0.000139	0.000527	0.0015	0.0000532
2080 Dec	0.0506	0.00000812	1.64	2.83	0.0374	0.000381	8.78	0.00203	0.0377	0.000262	0.000184	0.000092	0.105	0.00000203	0.000139	0.000526	0.0015	0.0000532
2081 Jan	0.0506	0.00000812	1.65	2.83	0.0374	0.000381	8.79	0.00203	0.0377	0.000262	0.000184	0.000092	0.105	0.00000203	0.000139	0.000526	0.0015	0.0000531
2081 Feb	0.0507	0.00000812	1.65	2.84	0.0375	0.000381	8.79	0.00204	0.0377	0.000263	0.000184	0.000092	0.106	0.00000203	0.000139	0.000527	0.0015	0.0000531
2081 Mar	0.0507	0.00000813	1.65	2.84	0.0376	0.000381	8.79	0.00204	0.0377	0.000263	0.000184	0.0000921	0.106	0.00000203	0.000139	0.000528	0.0015	0.0000531
2081 Apr	0.0509	0.00000815	1.65	2.85	0.0377	0.000382	8.82	0.00204	0.0378	0.000264	0.000185	0.0000924	0.106	0.00000203	0.000139	0.00053	0.00151	0.0000533
2081 May	0.0554	0.00000826	1.72	3.04	0.0433	0.00038	9.05	0.00209	0.0389	0.000314	0.000191	0.0000976	0.113	0.00000205	0.00014	0.000586	0.00153	0.0000527
2081 Jun	0.0568	0.00000807	1.79	3.2	0.0467	0.000385	9.44	0.00219	0.0378	0.000343	0.000196	0.000103	0.118	0.00000204	0.000147	0.000615	0.00152	0.0000557
2081 Jul	0.0591	0.00000845	1.87	3.34	0.0485	0.000404	9.91	0.0023	0.0395	0.000355	0.000206	0.000108	0.124	0.00000213	0.000155	0.00064	0.00159	0.0000588
2081 Aug	0.0616	0.0000088	1.95	3.48	0.0505	0.000421	10.3	0.00239	0.0412	0.00037	0.000215	0.000112	0.129	0.00000222	0.000161	0.000666	0.00165	0.0000612
2081 Sep	0.0611	0.00000877	1.93	3.44	0.0497	0.000421	10.2	0.00236	0.0411	0.000364	0.000211	0.000111	0.127	0.00000221	0.000159	0.000656	0.00164	0.0000601
2081 Oct	0.0607	0.00000875	1.92	3.42	0.0493	0.00042	10.1	0.00234	0.0411	0.00036	0.000209	0.00011	0.127	0.0000022	0.000158	0.000651	0.00163	0.0000596
2081 Nov	0.0598	0.00000865	1.88	3.35	0.048	0.000417	9.89	0.00229	0.0408	0.00035	0.000204	0.000107	0.124	0.00000217	0.000155	0.000636	0.0016	0.0000579
2081 Dec	0.0596	0.00000865	1.87	3.33	0.0477	0.000418	9.84	0.00228	0.0408	0.000348	0.000202	0.000107	0.124	0.00000216	0.000155	0.000632	0.00159	0.0000574
2082 Jan	0.0596	0.00000865	1.87	3.33	0.0477	0.000418	9.84	0.00228	0.0409	0.000348	0.000202	0.000107	0.124	0.00000216	0.000155	0.000632	0.00159	0.0000573
2082 Feb	0.0597	0.00000865	1.87	3.34	0.0478	0.000418	9.84	0.00228	0.0409	0.000348	0.000202	0.000107	0.124	0.00000216	0.000154	0.000633	0.00159	0.0000573
2082 Mar	0.0598	0.00000866	1.88	3.34	0.0479	0.000418	9.85	0.00228	0.0409	0.000348	0.000202	0.000107	0.124	0.00000216	0.000155	0.000634	0.00159	0.0000573
2082 Apr	0.06	0.00000868	1.88	3.35	0.0481	0.000419	9.87	0.00229	0.041	0.000349	0.000202	0.000107	0.124	0.00000217	0.000155	0.000636	0.0016	0.0000574
2082 May	0.0607	0.00000879	1.9	3.39	0.0487	0.000424	9.99	0.00231	0.0415	0.000354	0.000205	0.000108	0.126	0.0000022	0.000157	0.000644	0.00162	0.0000581

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.0528	0.0000084	1.72	2.97	0.0403	0.00038	8.98	0.00214	0.0385	0.000284	0.000204	0.0000972	0.11	0.00000209	0.000146	0.000574	0.0016	0.0000536
2082 Jul	0.0497	0.00000825	1.72	2.94	0.0378	0.000388	9.18	0.00221	0.0369	0.000259	0.000208	0.0000978	0.108	0.00000209	0.000154	0.000548	0.0016	0.0000576
2082 Aug	0.051	0.00000848	1.76	3.01	0.0387	0.000399	9.41	0.00226	0.0379	0.000265	0.000212	0.0001	0.111	0.00000214	0.000158	0.000561	0.00164	0.0000589
2082 Sep	0.0511	0.00000853	1.77	3.01	0.0386	0.000401	9.41	0.00226	0.0381	0.000264	0.000212	0.0001	0.111	0.00000215	0.000158	0.00056	0.00164	0.0000588
2082 Oct	0.0493	0.00000833	1.68	2.86	0.0359	0.000397	8.84	0.00213	0.0379	0.000243	0.000195	0.0000939	0.105	0.00000207	0.000149	0.000523	0.00156	0.0000538
2082 Nov	0.0493	0.00000836	1.67	2.84	0.0355	0.0004	8.78	0.00211	0.0382	0.00024	0.000193	0.0000932	0.105	0.00000207	0.000148	0.000519	0.00155	0.0000531
2082 Dec	0.0493	0.00000836	1.67	2.84	0.0355	0.000401	8.78	0.00211	0.0383	0.000239	0.000193	0.0000931	0.105	0.00000207	0.000148	0.000518	0.00155	0.000053
2083 Jan	0.0493	0.00000836	1.67	2.84	0.0355	0.000401	8.78	0.00211	0.0383	0.00024	0.000193	0.0000931	0.105	0.00000207	0.000148	0.000519	0.00155	0.000053
2083 Feb	0.0494	0.00000837	1.67	2.85	0.0356	0.000401	8.78	0.00211	0.0383	0.00024	0.000193	0.0000932	0.105	0.00000207	0.000148	0.000519	0.00155	0.000053
2083 Mar	0.0495	0.00000837	1.67	2.85	0.0356	0.000401	8.79	0.00211	0.0383	0.00024	0.000193	0.0000932	0.105	0.00000207	0.000148	0.00052	0.00155	0.000053
2083 Apr	0.0497	0.0000084	1.68	2.86	0.0358	0.000403	8.82	0.00212	0.0385	0.000241	0.000193	0.0000936	0.106	0.00000208	0.000149	0.000522	0.00156	0.0000532
2083 May	0.0535	0.00000851	1.73	3	0.0403	0.000398	8.94	0.00215	0.0395	0.000283	0.000198	0.0000973	0.111	0.00000209	0.000148	0.000569	0.00158	0.000052
2083 Jun	0.0555	0.00000814	1.8	3.19	0.0455	0.000393	9.27	0.00223	0.0377	0.000329	0.000203	0.000103	0.117	0.00000204	0.000154	0.000608	0.00154	0.0000541
2083 Jul	0.0555	0.0000083	1.83	3.24	0.0451	0.000407	9.54	0.0023	0.038	0.000323	0.000207	0.000106	0.119	0.00000209	0.00016	0.000606	0.00157	0.0000568
2083 Aug	0.0557	0.00000844	1.82	3.21	0.0443	0.000405	9.42	0.00228	0.0386	0.000318	0.000204	0.000104	0.118	0.0000021	0.000158	0.000594	0.00157	0.0000554
2083 Sep	0.0547	0.00000835	1.78	3.13	0.0429	0.000404	9.2	0.00222	0.0385	0.000307	0.000197	0.000102	0.115	0.00000207	0.000154	0.000577	0.00154	0.0000536
2083 Oct	0.0523	0.00000816	1.74	3.05	0.0404	0.000413	9.05	0.00218	0.0377	0.000283	0.000188	0.0000988	0.112	0.00000203	0.000154	0.000543	0.00148	0.0000532
2083 Nov	0.0516	0.00000812	1.74	3.04	0.0397	0.000418	9.07	0.00219	0.0375	0.000276	0.000187	0.0000986	0.112	0.00000203	0.000155	0.000534	0.00147	0.0000537
2083 Dec	0.0516	0.00000813	1.74	3.04	0.0397	0.000419	9.07	0.00219	0.0375	0.000276	0.000186	0.0000985	0.111	0.00000203	0.000155	0.000534	0.00147	0.0000537
2084 Jan	0.0517	0.00000813	1.74	3.04	0.0397	0.000419	9.07	0.00219	0.0375	0.000276	0.000186	0.0000986	0.112	0.00000203	0.000155	0.000534	0.00147	0.0000537
2084 Feb	0.0517	0.00000813	1.74	3.04	0.0398	0.000419	9.08	0.00219	0.0375	0.000276	0.000186	0.0000986	0.112	0.00000203	0.000155	0.000535	0.00147	0.0000537
2084 Mar	0.0518	0.00000814	1.75	3.05	0.0398	0.00042	9.08	0.00219	0.0376	0.000276	0.000186	0.0000987	0.112	0.00000203	0.000156	0.000536	0.00147	0.0000537
2084 Apr	0.0521	0.00000818	1.76	3.06	0.0401	0.000422	9.13	0.0022	0.0378	0.000278	0.000187	0.0000992	0.112	0.00000204	0.000156	0.000539	0.00147	0.000054
2084 May	0.0561	0.0000083	1.81	3.22	0.045	0.000417	9.28	0.00224	0.0388	0.000323	0.000194	0.000103	0.118	0.00000206	0.000157	0.000591	0.0015	0.0000529
2084 Jun	0.0566	0.00000797	1.87	3.37	0.0482	0.000418	9.63	0.00234	0.0368	0.00035	0.0002	0.000109	0.123	0.00000201	0.000165	0.000616	0.00147	0.0000562
2084 Jul	0.0577	0.00000819	1.93	3.46	0.049	0.000434	9.95	0.00242	0.0377	0.000353	0.000207	0.000112	0.126	0.00000208	0.000171	0.000628	0.00152	0.0000587
2084 Aug	0.0589	0.00000838	1.97	3.53	0.05	0.000444	10.2	0.00247	0.0385	0.00036	0.000211	0.000114	0.129	0.00000212	0.000175	0.00064	0.00155	0.0000598
2084 Sep	0.0582	0.00000832	1.94	3.48	0.0491	0.00044	10	0.00243	0.0383	0.000354	0.000207	0.000113	0.127	0.0000021	0.000172	0.000629	0.00153	0.0000587
2084 Oct	0.0568	0.0000082	1.89	3.37	0.0472	0.000435	9.67	0.00235	0.038	0.000338	0.000199	0.000109	0.123	0.00000206	0.000167	0.000606	0.00149	0.0000561
2084 Nov	0.0563	0.00000818	1.86	3.33	0.0463	0.000435	9.53	0.00232	0.0381	0.000331	0.000195	0.000107	0.122	0.00000205	0.000165	0.000596	0.00148	0.0000549
2084 Dec	0.0563	0.00000819	1.86	3.33	0.0463	0.000436	9.52	0.00231	0.0382	0.000331	0.000194	0.000107	0.122	0.00000205	0.000165	0.000596	0.00148	0.0000548
2085 Jan	0.0563	0.00000819	1.86	3.33	0.0463	0.000436	9.52	0.00231	0.0382	0.000331	0.000194	0.000107	0.122	0.00000205	0.000164	0.000596	0.00148	0.0000548
2085 Feb	0.0564	0.00000819	1.86	3.33	0.0463	0.000436	9.53	0.00231	0.0382	0.000331	0.000194	0.000107	0.122	0.00000205	0.000164	0.000596	0.00148	0.0000548
2085 Mar	0.0564	0.00000819	1.86	3.33	0.0464	0.000436	9.53	0.00232	0.0382	0.000332	0.000194	0.000107	0.122	0.00000205	0.000164	0.000597	0.00148	0.0000548
2085 Apr	0.0566	0.00000822	1.87	3.34	0.0465	0.000437	9.56	0.00232	0.0383	0.000333	0.000195	0.000107	0.122	0.00000206	0.000165	0.000599	0.00148	0.0000549
2085 May	0.0591	0.00000829	1.89	3.42	0.0494	0.00043	9.55	0.00232	0.0391	0.00036	0.000198	0.000109	0.125	0.00000206	0.000163	0.00063	0.0015	0.0000534
2085 Jun	0.0604	0.00000821	1.92	3.5	0.0519	0.000427	9.68	0.00236	0.0386	0.000381	0.000202	0.000112	0.128	0.00000205	0.000165	0.000653	0.0015	0.0000539
2085 Jul	0.0622	0.00000849	1.98	3.61	0.0534	0.00044	9.97	0.00243	0.0399	0.000393	0.000209	0.000115	0.132	0.00000211	0.00017	0.000673	0.00155	0.0000555
2085 Aug	0.0621	0.0000085	1.98	3.59	0.0531	0.000439	9.93	0.00242	0.0399	0.00039	0.000207	0.000115	0.132	0.00000211	0.00017	0.000669	0.00154	0.0000551
2085 Sep	0.0601	0.00000835	1.9	3.45	0.0504	0.000433	9.52	0.00232	0.0395	0.000369	0.000196	0.00011	0.127	0.00000206	0.000163	0.000637	0.0015	0.0000521
2085 Oct	0.0582	0.00000822	1.87	3.38	0.0484	0.000437	9.4	0.0023	0.0388	0.00035	0.000191	0.000108	0.124	0.00000203	0.000162	0.000612	0.00146	0.0000519
2085 Nov	0.0569	0.00000817	1.86	3.35	0.0469	0.000445	9.41	0.0023	0.0385	0.000336	0.000188	0.000107	0.123	0.00000203	0.000164	0.000594	0.00144	0.0000526
2085 Dec	0.0568	0.00000817	1.86	3.35	0.0468	0.000446	9.41	0.0023	0.0385	0.000335	0.000188	0.000107	0.123	0.00000203	0.000164	0.000593	0.00144	0.0000526
2086 Jan	0.0569	0.00000817	1.86	3.35	0.0468	0.000446	9.41	0.0023	0.0385	0.000335	0.000188	0.000107	0.123	0.00000203	0.000164	0.000593	0.00144	0.0000526
2086 Feb	0.0569	0.00000817	1.86	3.35	0.0469	0.000446	9.41	0.0023	0.0385	0.000335	0.000188	0.000107	0.123	0.00000203	0.000164	0.000594	0.00144	0.0000526
2086 Mar	0.057	0.00000818	1.86	3.36	0.0469	0.000446	9.42	0.0023	0.0386	0.000335	0.000188	0.000107	0.123	0.00000203	0.000165	0.000595	0.00144	0.0000526
2086 Apr	0.0572	0.00000821	1.87	3.37	0.0471	0.000448	9.45	0.00231	0.0387	0.000337	0.000189	0.000107	0.123	0.00000204	0.000165	0.000597	0.00145	0.0000528
2086 May	0.0587	0.00000832	1.9	3.43	0.0486	0.000449	9.54	0.00233	0.0394	0.00035	0.000192	0.000109	0.126	0.00000206	0.000166	0.000614	0.00147	0.0000528
2086 Jun	0.0562	0.00000812	1.9	3.4	0.0476	0.000437	9.56	0.00239	0.0372	0.00034	0.000204	0.00011	0.124	0.00000203	0.000172	0.000612	0.00149	0.000055
2086 Jul	0.0558	0.00000834	1.96	3.49	0.0471	0.00046	9.99	0.00252	0.0376	0.000329	0.000213	0.000114	0.126	0.00000211	0.000183	0.00061	0.00154	0.0000594
2086 Aug	0.0562	0.00000848	1.97	3.49	0.0469	0.000463	9.99	0.00252	0.0382	0.000328	0.000212	0.000114	0.126	0.00000213	0.000183	0.000607	0.00155	0.0000589
2086 Sep	0.0548	0.0000084	1.91	3.37	0.045	0.000457	9.64	0.00243	0.0378	0.000313	0.000203	0.00011	0.122	0.00000209	0.000176	0.000581	0.00151	0.0000561
2086 Oct	0.0544	0.00000837	1.9	3.35	0.0444	0.000456	9.55	0.00241	0.0378	0.000309	0.0002	0.000109	0.121	0.00000208	0.000175	0.000575	0.0015	0.0000553
2086 Nov	0.0545	0.00000839	1.9	3.35	0.0445	0.000457	9.56	0.00241	0.038	0.000309	0.0002	0.000109	0.122	0.00000209	0.000175	0.000576	0.0015	0.0000553
2086 Dec	0.0546	0.0000084	1.9	3.35	0.0445	0.000457	9.56	0.00241	0.038	0.000309	0.0002	0.000109	0.122	0.00000209	0.000175	0.000575	0.0015	0.0000553
2087 Jan	0.0546	0.0000084	1.9	3.35	0.0445	0.000457	9.56	0.00241	0.038	0.000309	0.0002	0.000109	0.122	0.00000209	0.000175	0.000576	0.0015	0.0000553
2087 Feb	0.0546	0.0000084	1.9	3.35	0.0445	0.000457	9.56	0.00241	0.038	0.000309	0.0002	0.000109	0.122	0.00000209	0.000175	0.000576	0.0015	0.0000553
2087 Mar	0.0547	0.00000841	1.9	3.36	0.0446	0.000457	9.57	0.00241	0.038	0.000309	0.000201	0.00011	0.122	0.00000209	0.000175	0.000577	0.00151	0.0000553
2087 Apr	0.0548	0.00000842	1.9	3.36	0.0447	0.000458	9.59	0.00242	0.0381	0.00031	0.000201	0.00011	0.122	0.0000021	0.000175	0.000578	0.00151	0.0000554
2087 May	0.0572	0.00000847	1.93	3.45	0.0475	0.000454	9.64	0.00243	0.0387	0.000336	0.000204	0.000112	0.125	0.0000021	0.000175	0.000608	0.00152	0.0000546
2087 Jun	0.0615	0.0000083	2	3.67	0.0543	0.000447	9.87	0.00249	0.0385	0.000398	0.00021	0.000118	0.133	0.00000206	0.000177	0.000672	0.00151	0.0000543
2087 Jul	0.0627	0.00000849	2.04	3.74	0.0552	0.000456	10.1	0.00254	0.0393	0.000405	0.000214	0.00012	0.136	0.0000021	0.000181	0.000683	0.00154	0.0000553
2087 Aug	0.0646	0.00000875	2.1	3.85	0.0568	0.000469	10.3	0.00261	0.0405	0.000416	0.00022	0.000124	0.14	0.00000217	0.000186	0.000702	0.00158	0.0000568
2087 Sep	0.0651	0.00000883	2.12	3.87	0.0571	0.000474	10.4	0.00263	0.0409	0.000419	0.000221	0.000124	0.141	0.00000219	0.000187	0.000707	0.0016	0.0000572
2087 Oct	0.0644	0.00000877	2.09	3.83	0.0563	0.000471	10.3	0.0026	0.0407	0.000412	0.000218	0.000123	0.139	0.00000217	0.000185	0.000697	0.00158	0.0000563
2087 Nov	0.0641	0.00000874	2.08	3.8	0.0558	0.00047	10.2	0.00258	0.0407	0.000408	0.000216	0.000122	0.138	0.00000216	0.000183	0.000692	0.00157	0.0000557
2087 Dec	0.0641	0.00000875	2.08	3.8	0.0557	0.00047	10.2	0.00258	0.0407	0.000408	0.000216	0.000122	0.138	0.00000216	0.000183	0.000691	0.00157	0.0000556
2088 Jan	0.0641	0.00000875	2.08	3.8	0.0558	0.00047	10.2	0.00258	0.0407	0.000408	0.000216	0.000122	0.138	0.00000216	0.000183	0.000691	0.00157	0.0000556
2088 Feb	0.0641	0.00000875	2.08	3.8	0.0558	0.00047	10.2	0.00258	0.0407	0.000408	0.000216	0.000122	0.138	0.00000216	0.000183	0.000692	0.00157	0.0000556
2088 Mar	0.0642	0.00000876	2.08	3.8	0.0559	0.00047	10.2	0.00258	0.0408	0.000408	0.000216	0.000122	0.138	0.00000216	0.000184	0.000693	0.00157	0.0000556
2088 Apr	0.0647	0.00000882	2.1	3.83	0.0563	0.000474	10.3	0.0026	0.0411	0.000412	0.000217	0.000123	0.139	0.00000218	0.000185	0.000698	0.00158	0.000056
2088 May	0.0657	0.00000897	2.13	3.9	0.0572	0.000482	10.5	0.00264	0.0417	0.000418	0.000221	0.000125	0.142	0.00000221	0.000188	0.000709	0.00161	0.0000569
2088 Jun	0.0597	0.00000879	1.91	3.42	0.0493	0.000423	9.2	0.00237	0.0404	0.000356	0.000217	0.000111	0.125	0.00000212	0.000167	0.000652	0.00162	0.0000492
2088 Jul	0.0602	0.00000905	1.93	3.44	0.0491	0.000427	9.27	0.00241	0.0415	0.000353	0.000223	0.000112	0.126	0.00000218	0.00017	0.00066	0.00168	0.0000497
2088 Aug	0.0631	0.00000949	2.02	3.61	0.0514	0.000447	9.71	0.00252	0.0435	0.00037	0.000234	0.000117	0.132	0.00000228	0.000178	0.000691	0.00176	0.000052
2088 Sep	0.0636	0.00000957	2.04	3.63	0.0518	0.000451	9.78	0.00254	0.0438	0.000372	0.000235	0.000118	0.133	0.0000023	0.000179	0.000696	0.00177	0.0000523
2088 Oct	0.0608	0.00000926	1.93	3.44	0.0484	0.000441	9.24	0.0024	0.0429	0.000346	0.000219	0.000111	0.126	0.00000221	0.00017	0.000653	0.00169	0.0000485

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.0602	0.00000922	1.91	3.39	0.0473	0.000441	9.09	0.00235	0.0429	0.000338	0.000214	0.000109	0.124	0.00000219	0.000167	0.00064	0.00167	0.0000473
2088 Dec	0.0602	0.00000923	1.91	3.39	0.0473	0.000442	9.09	0.00235	0.043	0.000337	0.000214	0.000109	0.124	0.00000219	0.000167	0.00064	0.00167	0.0000472
2089 Jan	0.0602	0.00000923	1.91	3.39	0.0473	0.000442	9.09	0.00235	0.043	0.000337	0.000214	0.000109	0.124	0.00000219	0.000167	0.00064	0.00167	0.0000472
2089 Feb	0.0602	0.00000923	1.91	3.39	0.0474	0.000442	9.09	0.00235	0.043	0.000338	0.000214	0.000109	0.124	0.00000219	0.000167	0.000641	0.00167	0.0000472
2089 Mar	0.0603	0.00000924	1.91	3.39	0.0474	0.000442	9.1	0.00236	0.043	0.000338	0.000214	0.000109	0.124	0.0000022	0.000167	0.000642	0.00167	0.0000472
2089 Apr	0.0606	0.00000928	1.92	3.41	0.0477	0.000444	9.14	0.00237	0.0432	0.00034	0.000215	0.00011	0.125	0.00000221	0.000168	0.000645	0.00168	0.0000475
2089 May	0.0635	0.0000093	1.95	3.51	0.0513	0.000438	9.2	0.00237	0.0438	0.000373	0.000217	0.000112	0.129	0.0000022	0.000166	0.00068	0.00168	0.0000463
2089 Jun	0.0672	0.00000905	2	3.7	0.0575	0.000428	9.37	0.00241	0.0431	0.000431	0.000219	0.000117	0.136	0.00000215	0.000166	0.000733	0.00164	0.0000458
2089 Jul	0.0686	0.00000928	2.04	3.76	0.0583	0.000435	9.52	0.00245	0.0442	0.000437	0.000222	0.000119	0.138	0.0000022	0.000169	0.000743	0.00168	0.0000463
2089 Aug	0.0698	0.00000954	2.06	3.79	0.0585	0.000441	9.61	0.00247	0.0453	0.00044	0.000224	0.00012	0.139	0.00000225	0.00017	0.000745	0.00171	0.0000463
2089 Sep	0.0694	0.00000953	2.05	3.76	0.0579	0.000441	9.54	0.00245	0.0454	0.000434	0.000221	0.000119	0.138	0.00000224	0.000169	0.000738	0.0017	0.0000457
2089 Oct	0.0656	0.00000922	1.93	3.53	0.0531	0.000436	8.95	0.0023	0.0444	0.000395	0.000203	0.000111	0.13	0.00000215	0.000159	0.000681	0.00161	0.0000421
2089 Nov	0.0652	0.00000922	1.92	3.51	0.0524	0.000439	8.9	0.00228	0.0445	0.000389	0.0002	0.00011	0.129	0.00000215	0.000159	0.000673	0.0016	0.0000417
2089 Dec	0.0652	0.00000923	1.92	3.51	0.0524	0.000439	8.9	0.00228	0.0445	0.000389	0.0002	0.00011	0.129	0.00000215	0.000159	0.000673	0.0016	0.0000417
2090 Jan	0.0653	0.00000923	1.92	3.51	0.0524	0.00044	8.9	0.00228	0.0445	0.000389	0.0002	0.00011	0.129	0.00000215	0.000159	0.000673	0.0016	0.0000417
2090 Feb	0.0653	0.00000923	1.92	3.51	0.0525	0.00044	8.91	0.00228	0.0446	0.000389	0.0002	0.00011	0.13	0.00000215	0.000159	0.000674	0.0016	0.0000417
2090 Mar	0.0654	0.00000924	1.92	3.52	0.0526	0.00044	8.91	0.00228	0.0446	0.000389	0.0002	0.00011	0.13	0.00000215	0.000159	0.000674	0.0016	0.0000417
2090 Apr	0.0656	0.00000926	1.93	3.53	0.0527	0.000441	8.94	0.00229	0.0447	0.00039	0.000201	0.00011	0.13	0.00000216	0.000159	0.000676	0.0016	0.0000418
2090 May	0.0664	0.00000935	1.95	3.57	0.0536	0.000444	9.03	0.00231	0.0452	0.000397	0.000203	0.000111	0.132	0.00000218	0.000161	0.000686	0.00162	0.0000421
2090 Jun	0.0637	0.00000888	2.01	3.69	0.0543	0.000451	9.55	0.00249	0.0414	0.000398	0.000218	0.000118	0.134	0.00000214	0.000177	0.000691	0.0016	0.0000493
2090 Jul	0.0645	0.0000091	2.08	3.79	0.0551	0.000471	9.93	0.0026	0.0421	0.000401	0.000225	0.000122	0.137	0.0000022	0.000186	0.000702	0.00164	0.0000523
2090 Aug	0.0609	0.00000898	1.98	3.57	0.0506	0.000466	9.4	0.00246	0.0411	0.000363	0.000207	0.000115	0.13	0.00000215	0.000176	0.000638	0.00157	0.0000487
2090 Sep	0.059	0.00000889	1.96	3.53	0.0483	0.000481	9.36	0.00245	0.0408	0.000341	0.0002	0.000113	0.128	0.00000213	0.000178	0.000609	0.00153	0.000049
2090 Oct	0.0568	0.00000875	1.96	3.49	0.0458	0.000502	9.4	0.00246	0.0403	0.000316	0.000194	0.000112	0.126	0.00000212	0.000183	0.000578	0.00148	0.0000505
2090 Nov	0.0561	0.00000869	1.96	3.49	0.0452	0.000508	9.44	0.00248	0.0399	0.000309	0.000192	0.000112	0.126	0.00000211	0.000186	0.000569	0.00147	0.0000513
2090 Dec	0.0561	0.00000869	1.96	3.49	0.0451	0.000509	9.44	0.00248	0.04	0.000308	0.000192	0.000112	0.126	0.00000211	0.000186	0.000568	0.00147	0.0000513
2091 Jan	0.0561	0.0000087	1.96	3.49	0.0452	0.000509	9.44	0.00248	0.04	0.000308	0.000192	0.000112	0.126	0.00000211	0.000186	0.000569	0.00147	0.0000513
2091 Feb	0.0562	0.0000087	1.96	3.49	0.0453	0.000509	9.44	0.00248	0.04	0.000309	0.000192	0.000112	0.126	0.00000211	0.000186	0.000569	0.00147	0.0000513
2091 Mar	0.0563	0.00000871	1.96	3.5	0.0454	0.00051	9.46	0.00248	0.0401	0.000309	0.000193	0.000112	0.126	0.00000211	0.000186	0.00057	0.00147	0.0000513
2091 Apr	0.0566	0.00000876	1.97	3.52	0.0456	0.000512	9.51	0.00249	0.0403	0.000311	0.000194	0.000113	0.127	0.00000212	0.000187	0.000574	0.00148	0.0000516
2091 May	0.0587	0.00000888	2.01	3.61	0.0479	0.000513	9.63	0.00252	0.0411	0.000331	0.000198	0.000115	0.13	0.00000215	0.000188	0.0006	0.00151	0.0000515
2091 Jun	0.0624	0.00000878	2.07	3.78	0.054	0.00049	9.76	0.00258	0.0406	0.000387	0.000212	0.000121	0.136	0.00000213	0.00019	0.000668	0.00154	0.0000515
2091 Jul	0.0648	0.00000917	2.16	3.94	0.056	0.000513	10.2	0.00271	0.0423	0.000401	0.000223	0.000127	0.142	0.00000222	0.000199	0.000694	0.00161	0.0000541
2091 Aug	0.0635	0.00000915	2.12	3.84	0.0542	0.000508	9.94	0.00263	0.0421	0.000387	0.000215	0.000123	0.139	0.0000022	0.000194	0.00067	0.00159	0.000052
2091 Sep	0.0619	0.00000909	2.06	3.72	0.052	0.000501	9.62	0.00255	0.0417	0.000369	0.000205	0.00012	0.135	0.00000217	0.000187	0.000641	0.00155	0.0000496
2091 Oct	0.0599	0.00000891	2.02	3.63	0.0499	0.000501	9.44	0.0025	0.041	0.000351	0.000199	0.000117	0.132	0.00000213	0.000185	0.000616	0.00151	0.000049
2091 Nov	0.0581	0.0000088	2	3.59	0.0478	0.000514	9.42	0.0025	0.0405	0.00033	0.000194	0.000115	0.13	0.00000212	0.000188	0.000591	0.00148	0.0000497
2091 Dec	0.058	0.00000881	2	3.58	0.0476	0.000515	9.42	0.0025	0.0405	0.000329	0.000194	0.000115	0.129	0.00000212	0.000188	0.000589	0.00147	0.0000497
2092 Jan	0.0581	0.00000881	2	3.59	0.0477	0.000515	9.42	0.0025	0.0405	0.000329	0.000194	0.000115	0.13	0.00000212	0.000188	0.00059	0.00147	0.0000497
2092 Feb	0.0581	0.00000881	2	3.59	0.0478	0.000515	9.42	0.0025	0.0406	0.00033	0.000194	0.000115	0.13	0.00000212	0.000188	0.00059	0.00148	0.0000497
2092 Mar	0.0583	0.00000882	2	3.6	0.0479	0.000516	9.44	0.00251	0.0406	0.00033	0.000194	0.000115	0.13	0.00000212	0.000188	0.000592	0.00148	0.0000497
2092 Apr	0.0586	0.00000887	2.01	3.61	0.0481	0.000518	9.48	0.00252	0.0408	0.000332	0.000195	0.000116	0.131	0.00000213	0.000189	0.000595	0.00148	0.00005
2092 May	0.0608	0.00000897	2.05	3.71	0.0507	0.000517	9.61	0.00255	0.0415	0.000355	0.0002	0.000119	0.134	0.00000215	0.00019	0.000624	0.00151	0.0000499
2092 Jun	0.0588	0.00000846	2.09	3.78	0.0521	0.000507	9.77	0.00267	0.038	0.000366	0.000214	0.000123	0.135	0.00000207	0.000202	0.000638	0.00149	0.0000538
2092 Jul	0.0576	0.00000851	2.11	3.8	0.0509	0.00052	9.93	0.00273	0.0377	0.000351	0.000217	0.000124	0.135	0.0000021	0.000209	0.000626	0.0015	0.0000561
2092 Aug	0.0594	0.00000879	2.17	3.91	0.0523	0.000536	10.2	0.00281	0.039	0.000361	0.000223	0.000128	0.139	0.00000217	0.000215	0.000643	0.00154	0.0000576
2092 Sep	0.059	0.00000877	2.16	3.88	0.0517	0.000534	10.1	0.00278	0.0389	0.000357	0.000221	0.000127	0.138	0.00000216	0.000213	0.000636	0.00154	0.0000569
2092 Oct	0.0583	0.0000087	2.13	3.82	0.0509	0.00053	9.99	0.00274	0.0387	0.00035	0.000217	0.000125	0.136	0.00000214	0.00021	0.000626	0.00152	0.0000559
2092 Nov	0.0582	0.0000087	2.12	3.81	0.0506	0.000529	9.94	0.00273	0.0388	0.000348	0.000216	0.000124	0.136	0.00000213	0.000209	0.000623	0.00151	0.0000555
2092 Dec	0.0582	0.00000871	2.12	3.8	0.0505	0.00053	9.94	0.00273	0.0388	0.000348	0.000215	0.000124	0.136	0.00000213	0.000209	0.000623	0.00151	0.0000554
2093 Jan	0.0582	0.00000871	2.12	3.81	0.0506	0.00053	9.93	0.00273	0.0389	0.000348	0.000215	0.000124	0.136	0.00000213	0.000209	0.000623	0.00151	0.0000554
2093 Feb	0.0583	0.00000871	2.12	3.81	0.0506	0.00053	9.94	0.00273	0.0389	0.000348	0.000215	0.000124	0.136	0.00000213	0.000209	0.000623	0.00151	0.0000554
2093 Mar	0.0584	0.00000873	2.13	3.82	0.0507	0.000531	9.96	0.00273	0.039	0.000349	0.000216	0.000125	0.136	0.00000214	0.000209	0.000625	0.00152	0.0000555
2093 Apr	0.0587	0.00000877	2.14	3.84	0.051	0.000533	10	0.00275	0.0392	0.00035	0.000217	0.000125	0.137	0.00000215	0.00021	0.000628	0.00153	0.0000558
2093 May	0.0608	0.00000888	2.16	3.9	0.0531	0.00053	10.1	0.00275	0.04	0.00037	0.00022	0.000127	0.139	0.00000217	0.000209	0.000652	0.00155	0.000055
2093 Jun	0.0622	0.0000086	2.14	3.92	0.0561	0.000505	9.84	0.00271	0.039	0.000401	0.000221	0.000127	0.14	0.00000209	0.000204	0.000682	0.00152	0.0000525
2093 Jul	0.0635	0.00000886	2.21	4.05	0.0573	0.000526	10.2	0.00282	0.0399	0.000408	0.000228	0.000131	0.144	0.00000216	0.000213	0.000697	0.00156	0.000055
2093 Aug	0.065	0.00000909	2.27	4.14	0.0586	0.000538	10.4	0.00288	0.041	0.000416	0.000233	0.000134	0.148	0.00000221	0.000217	0.000711	0.0016	0.0000562
2093 Sep	0.0646	0.00000907	2.25	4.1	0.0579	0.000537	10.3	0.00285	0.041	0.000411	0.000231	0.000133	0.147	0.0000022	0.000215	0.000704	0.00159	0.0000554
2093 Oct	0.0608	0.00000876	2.1	3.81	0.0526	0.000522	9.6	0.00264	0.0402	0.000369	0.000209	0.000122	0.137	0.0000021	0.000201	0.000643	0.0015	0.0000504
2093 Nov	0.0593	0.0000087	2.06	3.74	0.0505	0.000527	9.46	0.0026	0.0401	0.000351	0.000202	0.00012	0.134	0.00000209	0.000199	0.000619	0.00147	0.0000496
2093 Dec	0.0593	0.00000871	2.06	3.74	0.0504	0.000527	9.45	0.0026	0.0402	0.00035	0.000202	0.00012	0.134	0.00000209	0.000199	0.000618	0.00147	0.0000495
2094 Jan	0.0593	0.00000871	2.06	3.74	0.0504	0.000528	9.45	0.0026	0.0402	0.00035	0.000202	0.00012	0.134	0.00000209	0.000199	0.000618	0.00147	0.0000495
2094 Feb	0.0594	0.00000871	2.06	3.74	0.0505	0.000528	9.46	0.0026	0.0402	0.00035	0.000202	0.00012	0.134	0.00000209	0.000199	0.000619	0.00147	0.0000495
2094 Mar	0.0595	0.00000872	2.07	3.74	0.0506	0.000528	9.47	0.00261	0.0403	0.000351	0.000202	0.00012	0.134	0.00000209	0.000199	0.00062	0.00147	0.0000496
2094 Apr	0.0597	0.00000875	2.07	3.76	0.0508	0.00053	9.5	0.00262	0.0404	0.000352	0.000203	0.00012	0.135	0.0000021	0.0002	0.000623	0.00147	0.0000497
2094 May	0.0616	0.00000877	2.12	3.86	0.0536	0.000529	9.66	0.00266	0.0405	0.000377	0.000208	0.000123	0.138	0.0000021	0.000202	0.000651	0.00149	0.0000502
2094 Jun	0.0648	0.00000878	2.23	4.12	0.059	0.000539	10.2	0.00282	0.0403	0.000421	0.000222	0.000132	0.147	0.00000213	0.000214	0.000704	0.00152	0.0000533
2094 Jul	0.068	0.00000923	2.34	4.32	0.0618	0.000565	10.6	0.00296	0.0423	0.000442	0.000233	0.000139	0.154	0.00000223	0.000224	0.000739	0.00159	0.0000559
2094 Aug	0.0715	0.00000971	2.46	4.54	0.065	0.000594	11.2	0.00311	0.0445	0.000464	0.000245	0.000146	0.162	0.00000235	0.000236	0.000776	0.00168	0.0000587
2094 Sep	0.0707	0.00000965	2.43	4.48	0.0639	0.00059	11	0.00307	0.0444	0.000456	0.000241	0.000144	0.16	0.00000233	0.000232	0.000765	0.00166	0.0000576
2094 Oct	0.0677	0.00000938	2.3	4.24	0.0599	0.000572	10.4	0.00289	0.0436	0.000425	0.000225	0.000135	0.152	0.00000225	0.00022	0.000719	0.00159	0.0000536
2094 Nov	0.0649	0.00000915	2.19	4.01	0.0559	0.000557	9.87	0.00273	0.043	0.000395	0.000209	0.000127	0.144	0.00000217	0.000207	0.000675	0.00152	0.0000497
2094 Dec	0.0646	0.00000914	2.17	3.98	0.0554	0.000556	9.8	0.0027	0.043	0.000391	0.000207	0.000126	0.143	0.00000217	0.000206	0.00067	0.00151	0.0000491
2095 Jan	0.0646	0.00000914	2.17	3.99	0.0554	0.000556	9.8	0.0027	0.0431	0.000391	0.000207	0.000126	0.143	0.00000217	0.000206	0.00067	0.00151	0.0000491
2095 Feb	0.0647	0.00000914	2.17	3.99	0.0555	0.000556	9.8	0.0027	0.0431	0.000391	0.000207	0.000126	0.143	0.00000217	0.000206	0.000671	0.00151	0.000049
2095 Mar	0.0648	0.00000915	2.17	3.99	0.0556	0.000556	9.81	0.00271	0.0431	0.000391	0.000207	0.000126	0.143	0.00000217	0.000206	0.000672	0.00152	0.0000491

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0651	0.00000918	2.18	4.01	0.0558	0.000558	9.85	0.00272	0.0433	0.000393	0.000208	0.000127	0.144	0.00000218	0.000207	0.000675	0.00152	0.0000493
2095 May	0.0665	0.00000918	2.19	4.04	0.0576	0.000548	9.82	0.0027	0.0435	0.000411	0.00021	0.000127	0.145	0.00000217	0.000204	0.000694	0.00153	0.0000483
2095 Jun	0.0691	0.00000922	2.22	4.14	0.0611	0.000538	9.9	0.00273	0.0439	0.000444	0.000216	0.00013	0.149	0.00000217	0.000203	0.000733	0.00155	0.0000477
2095 Jul	0.0724	0.00000966	2.32	4.33	0.0639	0.000562	10.4	0.00285	0.046	0.000464	0.000226	0.000136	0.156	0.00000228	0.000213	0.000767	0.00163	0.0000498
2095 Aug	0.0715	0.00000959	2.3	4.27	0.063	0.000557	10.2	0.00281	0.0456	0.000457	0.000223	0.000134	0.154	0.00000226	0.00021	0.000756	0.00161	0.000049
2095 Sep	0.0709	0.00000957	2.27	4.22	0.062	0.000554	10.1	0.00278	0.0454	0.000449	0.000219	0.000133	0.152	0.00000225	0.000207	0.000744	0.0016	0.0000482
2095 Oct	0.0706	0.00000954	2.26	4.21	0.0617	0.000553	10.1	0.00277	0.0454	0.000447	0.000218	0.000132	0.152	0.00000224	0.000206	0.000741	0.00159	0.0000479
2095 Nov	0.0695	0.00000944	2.22	4.13	0.0603	0.000547	9.87	0.00271	0.045	0.000436	0.000213	0.00013	0.149	0.00000221	0.000202	0.000725	0.00157	0.0000468
2095 Dec	0.0692	0.00000944	2.21	4.1	0.0598	0.000547	9.81	0.0027	0.0451	0.000432	0.000211	0.000129	0.148	0.00000221	0.000201	0.000719	0.00156	0.0000463
2096 Jan	0.0692	0.00000944	2.21	4.1	0.0598	0.000547	9.81	0.00269	0.0451	0.000432	0.000211	0.000128	0.148	0.00000221	0.000201	0.00072	0.00156	0.0000462
2096 Feb	0.0693	0.00000944	2.21	4.11	0.0599	0.000547	9.81	0.00269	0.0451	0.000432	0.000211	0.000129	0.148	0.00000221	0.000201	0.000721	0.00156	0.0000462
2096 Mar	0.0694	0.00000945	2.21	4.11	0.06	0.000547	9.82	0.0027	0.0452	0.000433	0.000211	0.000129	0.149	0.00000221	0.000201	0.000722	0.00157	0.0000462
2096 Apr	0.0697	0.00000949	2.22	4.13	0.0603	0.000549	9.86	0.00271	0.0454	0.000435	0.000212	0.000129	0.149	0.00000222	0.000202	0.000725	0.00157	0.0000464
2096 May	0.0712	0.00000955	2.23	4.17	0.0618	0.000545	9.87	0.00271	0.0459	0.000449	0.000214	0.00013	0.151	0.00000223	0.0002	0.000742	0.00159	0.0000457
2096 Jun	0.0613	0.00000895	2.14	3.89	0.0536	0.000525	9.54	0.00274	0.0405	0.000374	0.000224	0.000126	0.138	0.00000213	0.000208	0.000668	0.00156	0.0000496
2096 Jul	0.0614	0.00000918	2.24	4.06	0.0541	0.000561	10.1	0.00292	0.0408	0.00037	0.000236	0.000132	0.143	0.00000221	0.000225	0.000673	0.00161	0.0000546
2096 Aug	0.0638	0.00000956	2.33	4.22	0.0562	0.000583	10.5	0.00304	0.0425	0.000384	0.000245	0.000137	0.149	0.0000023	0.000234	0.0007	0.00167	0.0000568
2096 Sep	0.0624	0.00000943	2.26	4.09	0.0541	0.000574	10.2	0.00294	0.0423	0.000369	0.000236	0.000133	0.145	0.00000226	0.000227	0.000676	0.00163	0.0000545
2096 Oct	0.0592	0.00000912	2.11	3.81	0.0495	0.000554	9.45	0.00272	0.0416	0.000335	0.000214	0.000122	0.135	0.00000216	0.00021	0.000623	0.00154	0.0000492
2096 Nov	0.059	0.0000091	2.1	3.78	0.049	0.000553	9.38	0.00269	0.0417	0.000331	0.000212	0.000121	0.134	0.00000215	0.000209	0.000618	0.00154	0.0000487
2096 Dec	0.059	0.00000911	2.1	3.78	0.049	0.000553	9.38	0.00269	0.0417	0.000331	0.000212	0.000121	0.134	0.00000215	0.000209	0.000617	0.00154	0.0000486
2097 Jan	0.059	0.00000911	2.1	3.78	0.049	0.000553	9.37	0.00269	0.0417	0.000331	0.000212	0.000121	0.134	0.00000215	0.000209	0.000617	0.00153	0.0000486
2097 Feb	0.059	0.00000911	2.1	3.78	0.049	0.000553	9.38	0.00269	0.0417	0.000331	0.000212	0.000121	0.134	0.00000215	0.000209	0.000618	0.00153	0.0000486
2097 Mar	0.0591	0.00000911	2.1	3.78	0.0491	0.000553	9.38	0.00269	0.0417	0.000331	0.000212	0.000121	0.135	0.00000215	0.000209	0.000619	0.00154	0.0000486
2097 Apr	0.0594	0.00000916	2.11	3.8	0.0494	0.000556	9.43	0.00271	0.042	0.000333	0.000213	0.000122	0.135	0.00000216	0.00021	0.000622	0.00154	0.0000488
2097 May	0.061	0.00000928	2.14	3.87	0.051	0.000558	9.53	0.00273	0.0427	0.000347	0.000216	0.000124	0.138	0.00000219	0.000211	0.00064	0.00157	0.0000488
2097 Jun	0.0644	0.0000092	2.18	4.01	0.0562	0.000541	9.64	0.00276	0.0424	0.000396	0.000224	0.000128	0.143	0.00000217	0.00021	0.000694	0.00158	0.0000483
2097 Jul	0.0671	0.00000962	2.29	4.2	0.0585	0.000566	10.1	0.0029	0.0443	0.000412	0.000234	0.000134	0.149	0.00000227	0.00022	0.000723	0.00165	0.0000508
2097 Aug	0.0687	0.00000985	2.34	4.29	0.0599	0.00058	10.3	0.00296	0.0454	0.000421	0.00024	0.000137	0.153	0.00000232	0.000226	0.000739	0.00169	0.0000519
2097 Sep	0.0692	0.00000994	2.36	4.33	0.0603	0.000585	10.4	0.00299	0.0458	0.000424	0.000241	0.000138	0.154	0.00000234	0.000227	0.000745	0.0017	0.0000523
2097 Oct	0.0683	0.00000983	2.32	4.26	0.0592	0.000578	10.2	0.00294	0.0454	0.000416	0.000237	0.000136	0.152	0.00000231	0.000224	0.000732	0.00168	0.0000513
2097 Nov	0.0674	0.00000975	2.29	4.19	0.0581	0.000573	10.1	0.00289	0.0451	0.000407	0.000232	0.000134	0.149	0.00000229	0.00022	0.000719	0.00166	0.0000502
2097 Dec	0.0671	0.00000973	2.27	4.16	0.0576	0.000572	10	0.00287	0.0451	0.000404	0.00023	0.000133	0.149	0.00000228	0.000218	0.000714	0.00165	0.0000497
2098 Jan	0.0672	0.00000973	2.27	4.16	0.0576	0.000572	10	0.00286	0.0451	0.000404	0.00023	0.000132	0.149	0.00000228	0.000218	0.000714	0.00165	0.0000496
2098 Feb	0.0673	0.00000973	2.27	4.17	0.0577	0.000572	10	0.00286	0.0451	0.000404	0.00023	0.000132	0.149	0.00000228	0.000218	0.000715	0.00165	0.0000496
2098 Mar	0.0673	0.00000973	2.27	4.17	0.0578	0.000572	10	0.00287	0.0452	0.000405	0.00023	0.000133	0.149	0.00000228	0.000218	0.000716	0.00165	0.0000496
2098 Apr	0.0676	0.00000976	2.28	4.18	0.058	0.000573	10	0.00287	0.0453	0.000406	0.000231	0.000133	0.149	0.00000229	0.000219	0.000718	0.00166	0.0000497
2098 May	0.0706	0.00000973	2.28	4.24	0.0618	0.000552	9.95	0.00283	0.0458	0.000444	0.000232	0.000134	0.152	0.00000226	0.000212	0.000758	0.00166	0.0000472
2098 Jun	0.0688	0.00000914	2.3	4.3	0.0632	0.000546	10	0.00289	0.0422	0.000456	0.000234	0.000137	0.153	0.00000216	0.000219	0.000757	0.00158	0.0000497
2098 Jul	0.0717	0.00000959	2.42	4.52	0.0659	0.000578	10.6	0.00306	0.0441	0.000474	0.000246	0.000144	0.16	0.00000227	0.000232	0.00079	0.00166	0.0000529
2098 Aug	0.0715	0.00000963	2.41	4.49	0.0654	0.000578	10.5	0.00304	0.0443	0.000469	0.000244	0.000143	0.16	0.00000227	0.000231	0.000783	0.00166	0.0000524
2098 Sep	0.0676	0.00000931	2.26	4.21	0.0604	0.000558	9.87	0.00284	0.0431	0.000431	0.000225	0.000134	0.15	0.00000218	0.000216	0.000726	0.00157	0.0000482
2098 Oct	0.0641	0.00000911	2.2	4.07	0.0563	0.000565	9.64	0.00278	0.0422	0.000394	0.000214	0.000129	0.145	0.00000214	0.000215	0.000677	0.00151	0.0000478
2098 Nov	0.063	0.00000909	2.2	4.05	0.0549	0.000577	9.67	0.0028	0.042	0.000379	0.000213	0.000129	0.144	0.00000214	0.000218	0.000661	0.0015	0.0000487
2098 Dec	0.0629	0.0000091	2.2	4.05	0.0548	0.000578	9.66	0.0028	0.0421	0.000378	0.000212	0.000129	0.144	0.00000214	0.000218	0.00066	0.0015	0.0000486
2099 Jan	0.063	0.0000091	2.2	4.05	0.0548	0.000578	9.67	0.0028	0.0421	0.000378	0.000212	0.000129	0.144	0.00000214	0.000218	0.00066	0.0015	0.0000486
2099 Feb	0.063	0.0000091	2.2	4.05	0.0549	0.000578	9.67	0.0028	0.0421	0.000379	0.000212	0.000129	0.144	0.00000214	0.000218	0.000661	0.0015	0.0000486
2099 Mar	0.0632	0.00000912	2.21	4.06	0.055	0.000579	9.69	0.00281	0.0422	0.00038	0.000213	0.000129	0.144	0.00000215	0.000218	0.000662	0.0015	0.0000486
2099 Apr	0.0637	0.00000918	2.22	4.09	0.0554	0.000582	9.75	0.00283	0.0425	0.000382	0.000214	0.00013	0.145	0.00000216	0.00022	0.000667	0.00151	0.0000489
2099 May	0.0679	0.00000912	2.29	4.29	0.0617	0.000569	9.95	0.00288	0.0425	0.000431	0.000223	0.000135	0.152	0.00000215	0.000221	0.00073	0.00153	0.0000488
2099 Jun	0.0672	0.00000903	2.34	4.37	0.0623	0.000578	10.2	0.00298	0.0414	0.000436	0.000231	0.000139	0.154	0.00000214	0.00023	0.000735	0.00153	0.0000515
2099 Jul	0.0695	0.00000939	2.42	4.51	0.0642	0.000598	10.5	0.00308	0.043	0.000449	0.000239	0.000143	0.159	0.00000223	0.000238	0.000759	0.00159	0.0000532
2099 Aug	0.0717	0.00000971	2.49	4.64	0.066	0.000617	10.8	0.00317	0.0445	0.000461	0.000246	0.000147	0.164	0.0000023	0.000245	0.000779	0.00164	0.0000546
2099 Sep	0.0696	0.00000952	2.41	4.48	0.0634	0.000602	10.4	0.00306	0.0437	0.000442	0.000236	0.000142	0.159	0.00000225	0.000236	0.00075	0.0016	0.0000523
2099 Oct	0.0675	0.00000933	2.32	4.32	0.0607	0.000589	10.1	0.00294	0.0431	0.000422	0.000225	0.000137	0.153	0.00000219	0.000227	0.00072	0.00155	0.0000499
2099 Nov	0.066	0.00000923	2.26	4.19	0.0584	0.000581	9.77	0.00285	0.0429	0.000405	0.000217	0.000132	0.149	0.00000216	0.000221	0.000695	0.00152	0.0000479
2099 Dec	0.0659	0.00000923	2.26	4.19	0.0583	0.000582	9.76	0.00285	0.043	0.000403	0.000216	0.000132	0.149	0.00000216	0.000221	0.000693	0.00152	0.0000478
2100 Jan	0.066	0.00000923	2.26	4.19	0.0583	0.000582	9.76	0.00285	0.043	0.000403	0.000216	0.000132	0.149	0.00000216	0.000221	0.000693	0.00152	0.0000478
2100 Feb	0.066	0.00000923	2.26	4.19	0.0584	0.000582	9.76	0.00285	0.043	0.000403	0.000216	0.000132	0.149	0.00000216	0.00022	0.000694	0.00152	0.0000477
2100 Mar	0.0661	0.00000924	2.26	4.19	0.0584	0.000582	9.77	0.00285	0.043	0.000404	0.000216	0.000132	0.149	0.00000216	0.000221	0.000695	0.00152	0.0000477
2100 Apr	0.0665	0.00000929	2.27	4.22	0.0588	0.000586	9.82	0.00286	0.0433	0.000406	0.000217	0.000133	0.15	0.00000217	0.000222	0.000699	0.00152	0.000048
2100 May	0.0686	0.00000934	2.29	4.28	0.0613	0.000578	9.86	0.00287	0.0438	0.00043	0.000221	0.000134	0.152	0.00000218	0.00022	0.000727	0.00154	0.0000473
2100 Jun	0.066	0.00000899	2.34	4.36	0.0614	0.000583	10.1	0.00301	0.0407	0.000429	0.000233	0.000139	0.153	0.00000213	0.000235	0.000725	0.00152	0.0000514
2100 Jul	0.0658	0.0000091	2.38	4.42	0.0613	0.000599	10.3	0.00309	0.0409	0.000424	0.000238	0.000142	0.155	0.00000216	0.000242	0.000724	0.00154	0.0000534
2100 Aug	0.0648	0.00000902	2.34	4.34	0.0601	0.000591	10.1	0.00303	0.0405	0.000415	0.000233	0.000139	0.152	0.00000214	0.000238	0.000709	0.00152	0.0000523
2100 Sep	0.0641	0.000009	2.31	4.28	0.0591	0.000587	9.94	0.00299	0.0404	0.000407	0.000229	0.000138	0.15	0.00000213	0.000234	0.000697	0.00151	0.0000513
2100 Oct	0.064	0.00000899	2.31	4.27	0.0589	0.000587	9.91	0.00298	0.0404	0.000406	0.000228	0.000137	0.15	0.00000213	0.000233	0.000695	0.00151	0.0000511
2100 Nov	0.064	0.000009	2.31	4.27	0.0588	0.000587	9.91	0.00298	0.0405	0.000405	0.000228	0.000137	0.15	0.00000213	0.000233	0.000694	0.00151	0.000051
2100 Dec	0.064	0.000009	2.31	4.27	0.0588	0.000587	9.91	0.00298	0.0405	0.000405	0.000228	0.000137	0.15	0.00000213	0.000233	0.000694	0.00151	0.000051
2101 Jan	0.0641	0.00000901	2.31	4.27	0.0588	0.000587	9.91	0.00298	0.0405	0.000405	0.000228	0.000137	0.15	0.00000213	0.000233	0.000695	0.00151	0.000051
2101 Feb	0.0641	0.00000901	2.31	4.27	0.0589	0.000587	9.91	0.00298	0.0405	0.000405	0.000228	0.000137	0.15	0.00000213	0.000233	0.000695	0.00151	0.000051
2101 Mar	0.0641	0.00000901	2.31	4.27	0.0589	0.000587	9.92	0.00298	0.0405	0.000406	0.000228	0.000137	0.15	0.00000213	0.000233	0.000695	0.00151	0.000051
2101 Apr	0.0643	0.00000904	2.32	4.29	0.0591	0.000589	9.95	0.00299	0.0407	0.000407	0.000228	0.000138	0.151	0.00000214	0.000234	0.000698	0.00151	0.0000512
2101 May	0.0675	0.00000914	2.35	4.39	0.0627	0.000581	10	0.003	0.0416	0.000441	0.000233	0.00014	0.155	0.00000215	0.000232	0.000738	0.00154	0.0000501
2101 Jun	0.0664	0.00000901	2.39	4.46	0.063	0.000592	10.2	0.0031	0.0403	0.00044	0.00024	0.000143	0.156	0.00000213	0.000242	0.000739	0.00154	0.0000526
2101 Jul	0.0689	0.00000942	2.5	4.66	0.0653	0.000622	10.7	0.00325	0.042	0.000454	0.000252	0.00015	0.163	0.00000224	0.000255	0.000767	0.00161	0.0000554
2101 Aug	0.0715	0.00000979	2.6	4.83	0.0677	0.000646	11.1	0.00338	0.0436	0.000471	0.000261	0.000156	0.169	0.00000232	0.000265	0.000796	0.00167	0.0000575

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.0702	0.00000971	2.54	4.72	0.0657	0.000638	10.8	0.00329	0.0434	0.000456	0.000253	0.000152	0.165	0.00000229	0.000258	0.000774	0.00164	0.0000556
2101 Oct	0.0695	0.00000964	2.51	4.66	0.0648	0.000633	10.7	0.00325	0.0432	0.000449	0.00025	0.00015	0.163	0.00000227	0.000255	0.000763	0.00163	0.0000548
2101 Nov	0.068	0.00000949	2.44	4.53	0.0626	0.000622	10.4	0.00315	0.0429	0.000433	0.000241	0.000145	0.159	0.00000223	0.000247	0.00074	0.00159	0.0000528
2101 Dec	0.0677	0.00000948	2.43	4.5	0.0622	0.00062	10.3	0.00313	0.0429	0.00043	0.000239	0.000144	0.158	0.00000223	0.000246	0.000735	0.00158	0.0000523
2102 Jan	0.0678	0.00000948	2.43	4.5	0.0622	0.00062	10.3	0.00313	0.0429	0.00043	0.000239	0.000144	0.158	0.00000223	0.000246	0.000735	0.00158	0.0000523
2102 Feb	0.0678	0.00000948	2.43	4.5	0.0623	0.00062	10.3	0.00313	0.0429	0.00043	0.000239	0.000144	0.158	0.00000223	0.000246	0.000736	0.00158	0.0000522
2102 Mar	0.0679	0.00000949	2.43	4.51	0.0624	0.00062	10.3	0.00313	0.043	0.00043	0.000239	0.000144	0.158	0.00000223	0.000246	0.000737	0.00158	0.0000523
2102 Apr	0.0681	0.00000951	2.43	4.52	0.0626	0.000622	10.3	0.00314	0.0431	0.000432	0.00024	0.000144	0.159	0.00000223	0.000246	0.000739	0.00159	0.0000524
2102 May	0.069	0.00000963	2.46	4.57	0.0634	0.000629	10.5	0.00318	0.0436	0.000437	0.000243	0.000146	0.161	0.00000226	0.000249	0.000748	0.00161	0.000053
2102 Jun	0.0601	0.00000926	2.26	4.1	0.0535	0.000579	9.52	0.003	0.0405	0.000356	0.000243	0.000134	0.143	0.00000217	0.000237	0.000669	0.00161	0.0000504
2102 Jul	0.0574	0.00000927	2.3	4.13	0.0514	0.000602	9.71	0.00313	0.0393	0.00033	0.000252	0.000137	0.143	0.00000219	0.000252	0.000649	0.00163	0.0000542
2102 Aug	0.0584	0.00000947	2.34	4.2	0.0522	0.000613	9.87	0.00318	0.0402	0.000335	0.000256	0.000139	0.145	0.00000223	0.000255	0.000659	0.00166	0.0000549
2102 Sep	0.0581	0.00000947	2.32	4.16	0.0516	0.000611	9.79	0.00315	0.0402	0.000331	0.000253	0.000138	0.144	0.00000223	0.000253	0.000651	0.00165	0.0000542
2102 Oct	0.0555	0.00000917	2.19	3.9	0.0476	0.000591	9.18	0.00293	0.0398	0.000303	0.000232	0.000128	0.136	0.00000214	0.000236	0.000604	0.00156	0.0000496
2102 Nov	0.0553	0.00000917	2.17	3.88	0.0471	0.000592	9.13	0.00291	0.0399	0.000298	0.000229	0.000127	0.135	0.00000214	0.000235	0.000597	0.00155	0.0000491
2102 Dec	0.0553	0.00000918	2.17	3.88	0.047	0.000592	9.13	0.00291	0.04	0.000298	0.000229	0.000127	0.135	0.00000214	0.000235	0.000597	0.00155	0.0000491
2103 Jan	0.0554	0.00000918	2.17	3.88	0.0471	0.000593	9.13	0.00291	0.04	0.000298	0.000228	0.000127	0.135	0.00000214	0.000235	0.000597	0.00155	0.0000491
2103 Feb	0.0554	0.00000918	2.18	3.88	0.0471	0.000593	9.14	0.00291	0.04	0.000298	0.000229	0.000127	0.135	0.00000214	0.000235	0.000598	0.00155	0.0000491
2103 Mar	0.0555	0.00000919	2.18	3.89	0.0472	0.000593	9.14	0.00292	0.04	0.000299	0.000229	0.000127	0.135	0.00000214	0.000235	0.000599	0.00155	0.0000491
2103 Apr	0.0557	0.00000922	2.18	3.9	0.0474	0.000595	9.17	0.00293	0.0402	0.0003	0.00023	0.000128	0.136	0.00000215	0.000236	0.000601	0.00156	0.0000493
2103 May	0.0591	0.00000932	2.23	4.04	0.0515	0.000591	9.33	0.00296	0.041	0.000337	0.000234	0.000131	0.141	0.00000217	0.000236	0.000644	0.00158	0.0000488
2103 Jun	0.0609	0.00000907	2.33	4.26	0.0563	0.000597	9.67	0.0031	0.0394	0.000378	0.000245	0.000139	0.148	0.00000213	0.000248	0.000685	0.00156	0.0000516
2103 Jul	0.0609	0.00000927	2.36	4.3	0.0558	0.00061	9.82	0.00317	0.0399	0.000371	0.00025	0.000141	0.149	0.00000218	0.000254	0.00068	0.00159	0.000053
2103 Aug	0.0595	0.00000931	2.3	4.16	0.0529	0.000597	9.54	0.00308	0.0399	0.000351	0.00024	0.000137	0.144	0.00000217	0.000247	0.000641	0.00156	0.0000511
2103 Sep	0.0574	0.00000915	2.26	4.08	0.0505	0.000606	9.4	0.00304	0.0393	0.000328	0.000231	0.000134	0.141	0.00000214	0.000246	0.000611	0.00152	0.0000508
2103 Oct	0.0544	0.00000897	2.26	4.06	0.0477	0.000634	9.42	0.00309	0.0383	0.000298	0.000226	0.000134	0.139	0.00000211	0.000254	0.000574	0.00146	0.0000525
2103 Nov	0.0537	0.00000894	2.27	4.06	0.0472	0.000642	9.45	0.0031	0.0381	0.000292	0.000225	0.000134	0.139	0.00000211	0.000257	0.000567	0.00145	0.0000531
2103 Dec	0.0537	0.00000894	2.27	4.06	0.0471	0.000642	9.44	0.0031	0.0381	0.000291	0.000225	0.000134	0.139	0.00000211	0.000256	0.000566	0.00145	0.000053
2104 Jan	0.0538	0.00000895	2.27	4.06	0.0471	0.000642	9.44	0.0031	0.0381	0.000291	0.000224	0.000134	0.139	0.00000211	0.000256	0.000566	0.00145	0.000053
2104 Feb	0.0538	0.00000895	2.27	4.06	0.0472	0.000642	9.45	0.0031	0.0382	0.000292	0.000225	0.000134	0.139	0.00000211	0.000256	0.000567	0.00145	0.000053
2104 Mar	0.0539	0.00000895	2.27	4.06	0.0473	0.000643	9.45	0.0031	0.0382	0.000292	0.000225	0.000134	0.14	0.00000211	0.000257	0.000568	0.00145	0.000053
2104 Apr	0.0542	0.000009	2.28	4.09	0.0476	0.000646	9.51	0.00312	0.0384	0.000294	0.000226	0.000134	0.14	0.00000212	0.000258	0.000571	0.00146	0.0000533
2104 May	0.0583	0.0000091	2.33	4.22	0.0524	0.000635	9.62	0.00314	0.0394	0.000339	0.000232	0.000138	0.146	0.00000213	0.000256	0.000625	0.00149	0.0000522
2104 Jun	0.0588	0.00000887	2.4	4.38	0.0556	0.000639	9.84	0.00326	0.0377	0.000365	0.000243	0.000144	0.15	0.0000021	0.000267	0.000654	0.00148	0.0000547
2104 Jul	0.0598	0.00000911	2.45	4.48	0.0565	0.000655	10.1	0.00334	0.0385	0.000368	0.00025	0.000148	0.154	0.00000215	0.000274	0.000665	0.00152	0.0000562
2104 Aug	0.0604	0.00000923	2.47	4.5	0.0568	0.000661	10.1	0.00336	0.0391	0.00037	0.000251	0.000148	0.155	0.00000218	0.000275	0.000668	0.00154	0.0000564
2104 Sep	0.0587	0.00000908	2.39	4.35	0.0545	0.000646	9.81	0.00324	0.0386	0.000354	0.000241	0.000143	0.15	0.00000214	0.000266	0.000642	0.0015	0.000054
2104 Oct	0.0565	0.00000894	2.33	4.22	0.0515	0.000645	9.54	0.00316	0.0382	0.000329	0.00023	0.000139	0.145	0.0000021	0.00026	0.000608	0.00145	0.0000526
2104 Nov	0.0559	0.00000894	2.33	4.21	0.0507	0.000652	9.54	0.00316	0.0382	0.000321	0.000228	0.000138	0.144	0.0000021	0.000262	0.000598	0.00145	0.0000528
2104 Dec	0.0559	0.00000894	2.33	4.2	0.0506	0.000652	9.53	0.00316	0.0382	0.00032	0.000228	0.000138	0.144	0.0000021	0.000262	0.000598	0.00145	0.0000527
2105 Jan	0.0559	0.00000894	2.33	4.2	0.0507	0.000652	9.53	0.00316	0.0383	0.00032	0.000228	0.000138	0.144	0.0000021	0.000261	0.000598	0.00145	0.0000527
2105 Feb	0.056	0.00000894	2.33	4.21	0.0507	0.000652	9.54	0.00316	0.0383	0.000321	0.000228	0.000138	0.145	0.0000021	0.000261	0.000598	0.00145	0.0000527
2105 Mar	0.056	0.00000894	2.33	4.21	0.0507	0.000652	9.54	0.00316	0.0383	0.000321	0.000228	0.000138	0.145	0.0000021	0.000262	0.000599	0.00145	0.0000527
2105 Apr	0.0562	0.00000897	2.33	4.22	0.0509	0.000654	9.57	0.00317	0.0384	0.000322	0.000229	0.000139	0.145	0.00000211	0.000262	0.000601	0.00145	0.0000529
2105 May	0.0586	0.00000903	2.36	4.3	0.0538	0.000647	9.64	0.00319	0.039	0.000349	0.000233	0.000141	0.148	0.00000211	0.000261	0.000633	0.00147	0.0000523
2105 Jun	0.0605	0.00000906	2.44	4.47	0.0572	0.000654	9.9	0.00329	0.0388	0.000376	0.000243	0.000146	0.154	0.00000213	0.000269	0.000668	0.00149	0.0000539
2105 Jul	0.0619	0.00000928	2.48	4.55	0.0582	0.000666	10.1	0.00335	0.0398	0.000383	0.000248	0.000149	0.157	0.00000217	0.000274	0.00068	0.00153	0.0000548
2105 Aug	0.0601	0.00000912	2.4	4.39	0.0559	0.000647	9.74	0.00323	0.0391	0.000368	0.000238	0.000144	0.151	0.00000213	0.000264	0.000652	0.00149	0.0000525
2105 Sep	0.0565	0.00000898	2.36	4.28	0.0519	0.000663	9.59	0.00321	0.0382	0.000329	0.000229	0.000141	0.147	0.0000021	0.000266	0.000603	0.00144	0.0000528
2105 Oct	0.0542	0.00000886	2.37	4.27	0.0498	0.000682	9.63	0.00326	0.0372	0.000307	0.000228	0.000141	0.146	0.00000209	0.000273	0.000577	0.00141	0.0000546
2105 Nov	0.0533	0.00000883	2.37	4.27	0.0489	0.000692	9.65	0.00329	0.037	0.000297	0.000227	0.000141	0.145	0.00000208	0.000276	0.000565	0.00139	0.0000552
2105 Dec	0.0533	0.00000884	2.37	4.27	0.0488	0.000692	9.65	0.00328	0.037	0.000296	0.000226	0.000141	0.145	0.00000208	0.000276	0.000565	0.00139	0.0000552
2106 Jan	0.0533	0.00000884	2.37	4.27	0.0489	0.000692	9.65	0.00328	0.037	0.000296	0.000226	0.000141	0.145	0.00000208	0.000276	0.000565	0.00139	0.0000552
2106 Feb	0.0534	0.00000884	2.37	4.27	0.0489	0.000692	9.65	0.00328	0.037	0.000297	0.000226	0.000141	0.145	0.00000208	0.000276	0.000566	0.00139	0.0000552
2106 Mar	0.0534	0.00000884	2.37	4.27	0.049	0.000692	9.66	0.00329	0.0371	0.000297	0.000226	0.000141	0.145	0.00000208	0.000277	0.000566	0.00139	0.0000552
2106 Apr	0.0537	0.00000888	2.38	4.29	0.0492	0.000695	9.7	0.0033	0.0372	0.000298	0.000227	0.000142	0.146	0.00000209	0.000278	0.000569	0.0014	0.0000554
2106 May	0.0553	0.00000899	2.41	4.35	0.0508	0.000695	9.78	0.00332	0.0379	0.000313	0.00023	0.000143	0.148	0.00000211	0.000278	0.000588	0.00142	0.0000553
2106 Jun	0.0548	0.0000089	2.43	4.4	0.0522	0.000681	9.75	0.0034	0.0365	0.000324	0.000247	0.000147	0.149	0.0000021	0.000284	0.000613	0.00147	0.0000565
2106 Jul	0.0548	0.00000919	2.51	4.51	0.052	0.000708	10	0.00355	0.0371	0.000315	0.000258	0.000152	0.152	0.00000217	0.000299	0.000614	0.00152	0.0000595
2106 Aug	0.0536	0.00000914	2.41	4.32	0.0493	0.000682	9.63	0.00339	0.037	0.000299	0.000245	0.000145	0.146	0.00000214	0.000284	0.000581	0.00149	0.0000561
2106 Sep	0.0512	0.00000899	2.35	4.19	0.0467	0.000681	9.39	0.00331	0.0362	0.000277	0.000233	0.000141	0.142	0.0000021	0.000278	0.000544	0.00143	0.0000546
2106 Oct	0.0507	0.00000896	2.36	4.2	0.0462	0.000689	9.42	0.00332	0.0361	0.000271	0.000233	0.000141	0.142	0.0000021	0.000281	0.000537	0.00142	0.0000552
2106 Nov	0.0508	0.00000898	2.36	4.2	0.0462	0.00069	9.43	0.00333	0.0362	0.000271	0.000233	0.000141	0.142	0.0000021	0.000281	0.000538	0.00142	0.0000552
2106 Dec	0.0508	0.00000898	2.36	4.2	0.0462	0.000691	9.42	0.00333	0.0362	0.000271	0.000233	0.000141	0.142	0.0000021	0.000281	0.000538	0.00142	0.0000551
2107 Jan	0.0508	0.00000898	2.36	4.2	0.0463	0.00069	9.42	0.00333	0.0362	0.000271	0.000232	0.000141	0.142	0.0000021	0.000281	0.000538	0.00142	0.0000551
2107 Feb	0.0509	0.00000898	2.36	4.2	0.0463	0.000691	9.43	0.00333	0.0362	0.000271	0.000233	0.000141	0.142	0.0000021	0.000281	0.000538	0.00142	0.0000551
2107 Mar	0.0509	0.00000899	2.37	4.21	0.0464	0.000691	9.44	0.00333	0.0363	0.000272	0.000233	0.000142	0.142	0.0000021	0.000281	0.000539	0.00142	0.0000552
2107 Apr	0.0511	0.00000901	2.37	4.22	0.0465	0.000692	9.46	0.00334	0.0363	0.000272	0.000233	0.000142	0.143	0.00000211	0.000282	0.00054	0.00143	0.0000553
2107 May	0.0535	0.00000906	2.41	4.32	0.0495	0.00069	9.58	0.00337	0.0369	0.0003	0.000238	0.000145	0.147	0.00000212	0.000283	0.000573	0.00145	0.0000551
2107 Jun	0.0585	0.00000907	2.53	4.63	0.057	0.000697	9.98	0.00351	0.0372	0.000364	0.000252	0.000154	0.157	0.00000212	0.000292	0.000651	0.00148	0.0000566
2107 Jul	0.059	0.00000918	2.54	4.64	0.0571	0.000698	10	0.00352	0.0377	0.000365	0.000253	0.000154	0.158	0.00000214	0.000293	0.000652	0.00149	0.0000566
2107 Aug	0.0604	0.00000942	2.6	4.73	0.0582	0.000713	10.2	0.00359	0.0387	0.000373	0.000258	0.000157	0.161	0.0000022	0.000299	0.000665	0.00152	0.0000577
2107 Sep	0.0602	0.00000943	2.58	4.71	0.0578	0.000712	10.2	0.00357	0.0389	0.000369	0.000256	0.000156	0.16	0.0000022	0.000297	0.000661	0.00152	0.0000571
2107 Oct	0.0593	0.00000932	2.53	4.61	0.0564	0.000702	9.96	0.00349	0.0387	0.00036	0.00025	0.000153	0.157	0.00000217	0.00029	0.000646	0.0015	0.0000556
2107 Nov	0.059	0.00000929	2.51	4.57	0.0557	0.000698	9.87	0.00345	0.0387	0.000355	0.000247	0.000151	0.156	0.00000216	0.000287	0.00064	0.00149	0.0000549
2107 Dec	0.059	0.0000093	2.51	4.56	0.0557	0.000698	9.87	0.00345	0.0388	0.000355	0.000246	0.000151	0.156	0.00000216	0.000287	0.000639	0.00149	0.0000548
2108 Jan	0.059	0.0000093	2.51	4.56	0.0557	0.000698	9.86	0.00345	0.0388	0.000355	0.000246	0.000151	0.156	0.00000216	0.000287	0.000639	0.00149	0.0000548

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0591	0.0000093	2.51	4.56	0.0558	0.000698	9.87	0.00345	0.0388	0.000355	0.000246	0.000151	0.156	0.00000216	0.000287	0.00064	0.00149	0.0000548
2108 Mar	0.0591	0.00000931	2.51	4.57	0.0558	0.000698	9.88	0.00345	0.0388	0.000356	0.000247	0.000151	0.156	0.00000216	0.000287	0.000641	0.00149	0.0000548
2108 Apr	0.0596	0.00000938	2.53	4.6	0.0563	0.000703	9.95	0.00348	0.0391	0.000358	0.000248	0.000152	0.157	0.00000218	0.000289	0.000646	0.0015	0.0000552
2108 May	0.0606	0.00000953	2.57	4.68	0.0572	0.000715	10.1	0.00353	0.0398	0.000364	0.000252	0.000155	0.16	0.00000221	0.000294	0.000656	0.00152	0.0000561
2108 Jun	0.0565	0.00000936	2.37	4.26	0.0514	0.000648	9.22	0.00327	0.0389	0.000324	0.00025	0.000142	0.146	0.00000215	0.00027	0.000624	0.00156	0.0000509
2108 Jul	0.058	0.00000973	2.45	4.4	0.0525	0.000671	9.52	0.00339	0.0403	0.000329	0.000261	0.000147	0.15	0.00000223	0.00028	0.000642	0.00163	0.0000529
2108 Aug	0.0604	0.0000101	2.55	4.58	0.0547	0.000699	9.92	0.00353	0.042	0.000342	0.000272	0.000153	0.156	0.00000233	0.000292	0.000669	0.00169	0.000055
2108 Sep	0.0605	0.0000102	2.55	4.58	0.0546	0.0007	9.92	0.00353	0.0421	0.000342	0.000271	0.000153	0.156	0.00000233	0.000292	0.000668	0.00169	0.0000549
2108 Oct	0.0571	0.00000972	2.36	4.22	0.0496	0.000663	9.16	0.00323	0.0413	0.000308	0.000244	0.00014	0.145	0.00000221	0.000267	0.000611	0.00159	0.0000493
2108 Nov	0.0566	0.00000968	2.32	4.15	0.0485	0.000658	9.01	0.00316	0.0414	0.0003	0.000238	0.000137	0.143	0.0000022	0.000262	0.000599	0.00157	0.000048
2108 Dec	0.0566	0.00000968	2.32	4.14	0.0485	0.000658	9.01	0.00316	0.0415	0.0003	0.000238	0.000137	0.143	0.0000022	0.000262	0.000599	0.00157	0.0000479
2109 Jan	0.0566	0.00000969	2.32	4.14	0.0485	0.000658	9.01	0.00316	0.0415	0.0003	0.000238	0.000137	0.143	0.0000022	0.000262	0.000599	0.00157	0.0000479
2109 Feb	0.0567	0.00000969	2.32	4.15	0.0485	0.000658	9.01	0.00316	0.0415	0.0003	0.000238	0.000137	0.143	0.0000022	0.000262	0.0006	0.00157	0.0000479
2109 Mar	0.0568	0.0000097	2.32	4.15	0.0486	0.000659	9.02	0.00316	0.0415	0.0003	0.000238	0.000137	0.143	0.0000022	0.000262	0.000601	0.00157	0.0000479
2109 Apr	0.0571	0.00000975	2.33	4.17	0.0489	0.000662	9.07	0.00318	0.0417	0.000302	0.00024	0.000138	0.144	0.00000221	0.000263	0.000604	0.00158	0.0000482
2109 May	0.0601	0.00000976	2.37	4.29	0.0529	0.000655	9.19	0.0032	0.0422	0.000339	0.000244	0.000141	0.148	0.00000221	0.000262	0.000645	0.00159	0.0000477
2109 Jun	0.0642	0.00000972	2.47	4.54	0.0592	0.000658	9.55	0.00331	0.0421	0.000394	0.000253	0.000148	0.157	0.00000221	0.000269	0.000705	0.0016	0.000049
2109 Jul	0.0646	0.00000986	2.46	4.52	0.0587	0.000654	9.5	0.00329	0.0428	0.000392	0.000252	0.000148	0.156	0.00000223	0.000267	0.000699	0.00161	0.0000483
2109 Aug	0.0651	0.0000101	2.45	4.48	0.0579	0.000649	9.44	0.00326	0.0437	0.000388	0.000249	0.000146	0.155	0.00000226	0.000263	0.000688	0.00163	0.0000473
2109 Sep	0.0636	0.00000993	2.4	4.37	0.0559	0.000644	9.24	0.00319	0.0433	0.000372	0.000241	0.000143	0.152	0.00000223	0.000258	0.000665	0.00159	0.0000461
2109 Oct	0.0588	0.00000961	2.36	4.27	0.051	0.000672	9.12	0.00319	0.0417	0.000324	0.00023	0.000139	0.147	0.00000217	0.000264	0.000604	0.0015	0.0000474
2109 Nov	0.0585	0.00000963	2.36	4.27	0.0507	0.000677	9.14	0.0032	0.0417	0.00032	0.000229	0.000139	0.147	0.00000218	0.000265	0.000601	0.0015	0.0000477
2109 Dec	0.0586	0.00000963	2.36	4.27	0.0507	0.000678	9.14	0.0032	0.0418	0.00032	0.000229	0.000139	0.147	0.00000218	0.000265	0.0006	0.0015	0.0000476
2110 Jan	0.0586	0.00000963	2.36	4.27	0.0507	0.000678	9.14	0.0032	0.0418	0.00032	0.000229	0.000139	0.147	0.00000218	0.000265	0.000601	0.0015	0.0000476
2110 Feb	0.0586	0.00000964	2.36	4.27	0.0508	0.000678	9.14	0.0032	0.0418	0.00032	0.000229	0.000139	0.147	0.00000218	0.000265	0.000601	0.0015	0.0000476
2110 Mar	0.0587	0.00000964	2.36	4.28	0.0508	0.000678	9.15	0.0032	0.0418	0.000321	0.000229	0.00014	0.147	0.00000218	0.000265	0.000602	0.0015	0.0000477
2110 Apr	0.0589	0.00000967	2.37	4.29	0.051	0.00068	9.18	0.00321	0.042	0.000322	0.00023	0.00014	0.147	0.00000219	0.000266	0.000604	0.00151	0.0000478
2110 May	0.0602	0.00000976	2.4	4.36	0.0526	0.000683	9.28	0.00324	0.0424	0.000335	0.000234	0.000142	0.15	0.00000221	0.000268	0.000621	0.00153	0.000048
2110 Jun	0.0636	0.00000958	2.57	4.74	0.0606	0.000697	9.84	0.0035	0.0407	0.000398	0.000258	0.000156	0.162	0.00000219	0.000289	0.000701	0.00155	0.0000526
2110 Jul	0.0643	0.00000979	2.63	4.84	0.0613	0.000716	10.1	0.00359	0.0414	0.000401	0.000264	0.000159	0.165	0.00000224	0.000297	0.000709	0.00158	0.0000543
2110 Aug	0.0579	0.00000962	2.49	4.5	0.0528	0.000705	9.49	0.00344	0.0395	0.00033	0.000241	0.00015	0.153	0.00000219	0.000288	0.000597	0.00149	0.0000525
2110 Sep	0.0545	0.00000944	2.49	4.46	0.0495	0.000738	9.46	0.00348	0.0385	0.000294	0.000236	0.000149	0.151	0.00000216	0.000297	0.000558	0.00143	0.0000541
2110 Oct	0.0521	0.00000932	2.51	4.48	0.0473	0.00077	9.5	0.00354	0.0379	0.000269	0.000234	0.000149	0.15	0.00000215	0.000308	0.000532	0.0014	0.0000559
2110 Nov	0.0515	0.00000928	2.51	4.48	0.0469	0.000775	9.5	0.00355	0.0376	0.000264	0.000233	0.00015	0.15	0.00000214	0.00031	0.000527	0.00139	0.0000564
2110 Dec	0.0515	0.00000929	2.51	4.48	0.0468	0.000775	9.49	0.00355	0.0377	0.000263	0.000233	0.00015	0.15	0.00000214	0.000309	0.000526	0.00139	0.0000563
2111 Jan	0.0516	0.00000929	2.51	4.48	0.0469	0.000775	9.49	0.00355	0.0377	0.000263	0.000233	0.00015	0.15	0.00000214	0.000309	0.000526	0.00139	0.0000563
2111 Feb	0.0516	0.00000929	2.51	4.48	0.0469	0.000775	9.5	0.00355	0.0377	0.000264	0.000233	0.00015	0.15	0.00000214	0.000309	0.000527	0.00139	0.0000563
2111 Mar	0.0518	0.00000931	2.51	4.49	0.047	0.000776	9.51	0.00356	0.0378	0.000264	0.000233	0.00015	0.15	0.00000214	0.00031	0.000528	0.00139	0.0000563
2111 Apr	0.0521	0.00000936	2.53	4.51	0.0473	0.000781	9.57	0.00358	0.038	0.000266	0.000235	0.000151	0.151	0.00000216	0.000312	0.000532	0.0014	0.0000567
2111 May	0.0546	0.00000947	2.56	4.61	0.0503	0.000776	9.68	0.0036	0.0388	0.000293	0.00024	0.000153	0.155	0.00000218	0.000311	0.000565	0.00143	0.0000563
2111 Jun	0.06	0.00000943	2.65	4.84	0.0584	0.000751	9.86	0.00367	0.0388	0.000368	0.000257	0.000161	0.163	0.00000216	0.000312	0.000657	0.00148	0.000056
2111 Jul	0.0625	0.00000985	2.76	5.05	0.0608	0.000783	10.3	0.00383	0.0405	0.000382	0.000268	0.000167	0.17	0.00000226	0.000326	0.000684	0.00154	0.0000584
2111 Aug	0.0598	0.00000968	2.61	4.74	0.0565	0.000747	9.71	0.0036	0.0399	0.000353	0.00025	0.000158	0.161	0.0000022	0.000305	0.000633	0.00149	0.0000541
2111 Sep	0.0579	0.00000961	2.54	4.6	0.0539	0.000739	9.45	0.0035	0.0394	0.000332	0.00024	0.000153	0.156	0.00000218	0.000297	0.0006	0.00146	0.0000524
2111 Oct	0.0551	0.00000941	2.54	4.58	0.0515	0.000757	9.43	0.00355	0.0382	0.000307	0.000238	0.000153	0.154	0.00000215	0.000305	0.000572	0.00142	0.000054
2111 Nov	0.0532	0.00000933	2.55	4.57	0.0496	0.000778	9.45	0.00359	0.0377	0.000286	0.000236	0.000153	0.153	0.00000213	0.000312	0.000549	0.00139	0.0000553
2111 Dec	0.0532	0.00000934	2.55	4.57	0.0495	0.000778	9.44	0.00359	0.0377	0.000286	0.000236	0.000153	0.153	0.00000213	0.000312	0.000549	0.00139	0.0000553
2112 Jan	0.0532	0.00000934	2.55	4.57	0.0496	0.000778	9.45	0.00359	0.0377	0.000286	0.000236	0.000153	0.153	0.00000213	0.000312	0.000549	0.00139	0.0000553
2112 Feb	0.0533	0.00000934	2.55	4.58	0.0497	0.000778	9.45	0.00359	0.0378	0.000286	0.000236	0.000153	0.154	0.00000214	0.000312	0.00055	0.00139	0.0000553
2112 Mar	0.0534	0.00000936	2.56	4.59	0.0498	0.00078	9.47	0.0036	0.0378	0.000287	0.000236	0.000153	0.154	0.00000214	0.000312	0.000551	0.00139	0.0000554
2112 Apr	0.0537	0.00000941	2.57	4.61	0.0501	0.000783	9.52	0.00361	0.038	0.000288	0.000237	0.000154	0.155	0.00000215	0.000314	0.000554	0.0014	0.0000556
2112 May	0.0568	0.0000095	2.61	4.72	0.0537	0.000777	9.64	0.00364	0.0388	0.000322	0.000244	0.000157	0.159	0.00000217	0.000314	0.000596	0.00143	0.0000553
2112 Jun	0.0568	0.00000915	2.7	4.92	0.0576	0.000779	9.8	0.00382	0.0362	0.000351	0.000263	0.000165	0.164	0.0000021	0.00033	0.000637	0.00143	0.0000586
2112 Jul	0.0566	0.00000933	2.73	4.96	0.0571	0.000792	9.9	0.00388	0.0366	0.000344	0.000269	0.000167	0.165	0.00000215	0.000337	0.000636	0.00146	0.0000598
2112 Aug	0.0577	0.00000956	2.78	5.04	0.058	0.000806	10.1	0.00394	0.0375	0.000349	0.000273	0.00017	0.168	0.00000219	0.000341	0.000645	0.0015	0.0000605
2112 Sep	0.057	0.00000951	2.73	4.95	0.0568	0.000795	9.89	0.00387	0.0374	0.000341	0.000267	0.000167	0.165	0.00000218	0.000335	0.000631	0.00148	0.0000591
2112 Oct	0.0564	0.00000942	2.68	4.86	0.0556	0.000785	9.73	0.00379	0.0373	0.000333	0.000261	0.000163	0.162	0.00000215	0.000328	0.000619	0.00146	0.0000578
2112 Nov	0.0563	0.00000942	2.67	4.83	0.0552	0.000783	9.68	0.00377	0.0375	0.00033	0.000259	0.000162	0.162	0.00000215	0.000326	0.000616	0.00146	0.0000573
2112 Dec	0.0563	0.00000943	2.67	4.83	0.0552	0.000783	9.68	0.00377	0.0375	0.00033	0.000259	0.000162	0.162	0.00000215	0.000326	0.000616	0.00146	0.0000573
2113 Jan	0.0563	0.00000943	2.67	4.83	0.0552	0.000783	9.68	0.00377	0.0375	0.00033	0.000259	0.000162	0.162	0.00000215	0.000326	0.000616	0.00146	0.0000572
2113 Feb	0.0563	0.00000943	2.67	4.83	0.0552	0.000783	9.68	0.00377	0.0376	0.000331	0.000259	0.000162	0.162	0.00000215	0.000326	0.000616	0.00146	0.0000572
2113 Mar	0.0565	0.00000946	2.68	4.85	0.0554	0.000785	9.71	0.00378	0.0377	0.000332	0.000259	0.000163	0.162	0.00000216	0.000327	0.000618	0.00146	0.0000574
2113 Apr	0.0568	0.0000095	2.69	4.87	0.0557	0.000789	9.75	0.0038	0.0378	0.000333	0.000261	0.000164	0.163	0.00000217	0.000328	0.000621	0.00147	0.0000576
2113 May	0.0592	0.00000958	2.71	4.93	0.0582	0.00078	9.8	0.00379	0.0386	0.000358	0.000263	0.000165	0.166	0.00000218	0.000325	0.000651	0.00149	0.0000567
2113 Jun	0.0614	0.00000943	2.75	5.06	0.0623	0.000772	9.9	0.00384	0.0381	0.000395	0.00027	0.000169	0.17	0.00000215	0.000328	0.000692	0.00149	0.0000569
2113 Jul	0.063	0.00000972	2.82	5.2	0.0638	0.000794	10.2	0.00394	0.0392	0.000403	0.000278	0.000173	0.175	0.00000221	0.000337	0.000709	0.00153	0.0000585
2113 Aug	0.0641	0.00000991	2.86	5.26	0.0645	0.000805	10.3	0.00399	0.04	0.000408	0.000281	0.000176	0.177	0.00000225	0.000341	0.000717	0.00156	0.0000591
2113 Sep	0.0626	0.00000976	2.77	5.09	0.0621	0.000786	9.98	0.00385	0.0398	0.000392	0.00027	0.000169	0.171	0.00000221	0.000329	0.000691	0.00152	0.0000566
2113 Oct	0.057	0.00000938	2.64	4.8	0.0552	0.000785	9.49	0.0037	0.0383	0.000333	0.00025	0.00016	0.161	0.00000212	0.00032	0.000614	0.00142	0.0000548
2113 Nov	0.0559	0.00000937	2.64	4.79	0.0539	0.000798	9.49	0.00372	0.0382	0.000319	0.000248	0.000159	0.16	0.00000212	0.000324	0.000598	0.00141	0.0000554
2113 Dec	0.0559	0.00000938	2.64	4.79	0.0538	0.000798	9.49	0.00371	0.0383	0.000318	0.000247	0.000159	0.16	0.00000212	0.000323	0.000597	0.00141	0.0000553
2114 Jan	0.0559	0.00000938	2.64	4.79	0.0538	0.000798	9.49	0.00371	0.0383	0.000318	0.000247	0.000159	0.16	0.00000212	0.000323	0.000598	0.00141	0.0000553
2114 Feb	0.056	0.00000938	2.64	4.79	0.0539	0.000798	9.49	0.00371	0.0383	0.000318	0.000247	0.000159	0.16	0.00000212	0.000323	0.000598	0.00141	0.0000553
2114 Mar	0.0561	0.00000939	2.64	4.8	0.054	0.000799	9.51	0.00372	0.0384	0.000319	0.000248	0.000159	0.161	0.00000213	0.000324	0.000599	0.00141	0.0000554
2114 Apr	0.0563	0.00000943	2.65	4.82	0.0542	0.000802	9.54	0.00373	0.0385	0.00032	0.000249	0.00016	0.161	0.00000214	0.000325	0.000602	0.00141	0.0000555
2114 May	0.0591	0.00000948	2.7	4.95	0.058	0.000797	9.69	0.00378	0.0388	0.000354	0.000256	0.000164	0.166	0.00000215	0.000327	0.000643	0.00144	0.0000557
2114 Jun	0.0631	0.00000966	2.82	5.22	0.0638	0.000808	10.1	0.00394	0.0395	0.000402	0.000273	0.000173	0.175	0.00000219	0.000338	0.000706	0.0015	0.0000576

Appendix D.2-7: A6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.066	0.0000101	2.95	5.45	0.0666	0.000843	10.5	0.00411	0.0413	0.00042	0.000285	0.000181	0.183	0.00000229	0.000353	0.000737	0.00157	0.00006
2114 Aug	0.069	0.0000106	3.08	5.69	0.0695	0.00088	11	0.00429	0.0433	0.000438	0.000297	0.000188	0.191	0.00000239	0.000368	0.000769	0.00164	0.0000626
2114 Sep	0.067	0.0000104	2.97	5.47	0.0666	0.000854	10.6	0.00412	0.0427	0.000418	0.000284	0.000181	0.184	0.00000234	0.000353	0.000738	0.00159	0.0000597
2114 Oct	0.064	0.00001	2.79	5.14	0.062	0.000816	9.98	0.00385	0.0421	0.000388	0.000263	0.000169	0.173	0.00000225	0.00033	0.000691	0.00152	0.0000552
2114 Nov	0.0616	0.00000979	2.66	4.87	0.058	0.000789	9.5	0.00364	0.0417	0.00036	0.000247	0.00016	0.165	0.00000219	0.000313	0.000651	0.00147	0.0000516
2114 Dec	0.0614	0.00000979	2.65	4.86	0.0576	0.000789	9.47	0.00363	0.0418	0.000357	0.000245	0.000159	0.164	0.00000218	0.000312	0.000647	0.00146	0.0000514
2115 Jan	0.0614	0.00000979	2.65	4.86	0.0577	0.000789	9.47	0.00363	0.0418	0.000357	0.000245	0.000159	0.164	0.00000219	0.000312	0.000647	0.00146	0.0000514
2115 Feb	0.0615	0.00000979	2.65	4.86	0.0577	0.000789	9.47	0.00363	0.0418	0.000357	0.000245	0.000159	0.165	0.00000219	0.000312	0.000648	0.00146	0.0000514
2115 Mar	0.0616	0.0000098	2.65	4.86	0.0578	0.000789	9.48	0.00363	0.0418	0.000358	0.000245	0.000159	0.165	0.00000219	0.000312	0.000649	0.00146	0.0000514
2115 Apr	0.0619	0.00000985	2.66	4.89	0.0581	0.000793	9.53	0.00365	0.0421	0.00036	0.000247	0.00016	0.165	0.0000022	0.000313	0.000652	0.00147	0.0000516
2115 May	0.0633	0.00000982	2.68	4.95	0.0603	0.000784	9.58	0.00366	0.042	0.00038	0.000251	0.000161	0.168	0.00000219	0.000313	0.000675	0.00148	0.0000515
2115 Jun	0.0664	0.00001	2.79	5.16	0.0644	0.000799	9.92	0.0038	0.0428	0.000412	0.000264	0.000169	0.175	0.00000224	0.000323	0.00072	0.00153	0.0000533
2115 Jul	0.0687	0.0000104	2.88	5.33	0.0665	0.000825	10.2	0.00393	0.0443	0.000426	0.000272	0.000174	0.181	0.00000232	0.000334	0.000744	0.00159	0.000055
2115 Aug	0.0661	0.0000101	2.75	5.09	0.0632	0.000791	9.8	0.00374	0.0432	0.000404	0.000259	0.000166	0.173	0.00000225	0.000317	0.000706	0.00154	0.000052
2115 Sep	0.065	0.0000101	2.69	4.97	0.0614	0.000779	9.6	0.00365	0.043	0.000392	0.000251	0.000162	0.169	0.00000223	0.000309	0.000686	0.00152	0.0000504
2115 Oct	0.0646	0.00001	2.68	4.93	0.061	0.000775	9.54	0.00363	0.0428	0.000389	0.000249	0.000161	0.168	0.00000222	0.000307	0.000681	0.00151	0.00005
2115 Nov	0.0635	0.0000099	2.62	4.82	0.0594	0.000763	9.34	0.00354	0.0425	0.000378	0.000243	0.000157	0.164	0.00000219	0.0003	0.000665	0.00148	0.0000486
2115 Dec	0.0633	0.0000099	2.61	4.81	0.059	0.000763	9.31	0.00353	0.0425	0.000375	0.000241	0.000157	0.164	0.00000219	0.000299	0.000661	0.00148	0.0000484
2116 Jan	0.0633	0.0000099	2.61	4.81	0.059	0.000763	9.31	0.00353	0.0426	0.000374	0.000241	0.000157	0.164	0.00000219	0.000299	0.000661	0.00148	0.0000484
2116 Feb	0.0634	0.0000099	2.61	4.81	0.0591	0.000763	9.31	0.00353	0.0426	0.000375	0.000241	0.000157	0.164	0.00000219	0.000299	0.000662	0.00148	0.0000484
2116 Mar	0.0635	0.00000991	2.62	4.82	0.0592	0.000763	9.32	0.00353	0.0426	0.000375	0.000241	0.000157	0.164	0.00000219	0.000299	0.000663	0.00148	0.0000484
2116 Apr	0.0638	0.00000995	2.63	4.84	0.0595	0.000766	9.36	0.00355	0.0428	0.000377	0.000242	0.000158	0.165	0.0000022	0.0003	0.000666	0.00149	0.0000486
2116 May	0.0658	0.00001	2.66	4.92	0.062	0.000763	9.47	0.00358	0.0432	0.0004	0.000248	0.00016	0.168	0.00000221	0.000301	0.000695	0.00151	0.0000486
2116 Jun	0.0637	0.00000976	2.82	5.23	0.0644	0.000804	9.9	0.00393	0.0398	0.000407	0.000276	0.000173	0.175	0.00000219	0.000337	0.000716	0.00152	0.0000561
2116 Jul	0.0656	0.0000102	2.96	5.47	0.0666	0.000847	10.4	0.00414	0.0412	0.000417	0.00029	0.000182	0.183	0.00000228	0.000356	0.00074	0.00158	0.0000594
2116 Aug	0.0678	0.0000105	3.05	5.64	0.0687	0.000874	10.7	0.00427	0.0426	0.00043	0.000299	0.000187	0.189	0.00000236	0.000367	0.000763	0.00164	0.0000612
2116 Sep	0.0643	0.0000102	2.85	5.24	0.0629	0.000831	9.98	0.00395	0.0421	0.000391	0.000273	0.000173	0.176	0.00000227	0.00034	0.000704	0.00155	0.0000558
2116 Oct	0.0608	0.00000986	2.7	4.95	0.0578	0.000811	9.48	0.00374	0.0414	0.000352	0.000253	0.000163	0.166	0.00000219	0.000324	0.000649	0.00148	0.0000527
2116 Nov	0.0606	0.00000987	2.7	4.95	0.0576	0.000814	9.49	0.00375	0.0415	0.000349	0.000253	0.000163	0.166	0.0000022	0.000325	0.000646	0.00148	0.0000528
2116 Dec	0.0606	0.00000988	2.7	4.95	0.0575	0.000814	9.48	0.00375	0.0415	0.000349	0.000253	0.000163	0.166	0.0000022	0.000324	0.000645	0.00148	0.0000527
2117 Jan	0.0606	0.00000988	2.7	4.95	0.0575	0.000814	9.48	0.00375	0.0415	0.000349	0.000253	0.000163	0.166	0.0000022	0.000324	0.000646	0.00148	0.0000527
2117 Feb	0.0606	0.00000988	2.7	4.95	0.0576	0.000814	9.48	0.00375	0.0415	0.000349	0.000253	0.000163	0.166	0.0000022	0.000324	0.000646	0.00148	0.0000527
2117 Mar	0.0607	0.00000989	2.71	4.96	0.0577	0.000815	9.49	0.00375	0.0415	0.000349	0.000253	0.000163	0.167	0.0000022	0.000325	0.000647	0.00148	0.0000528
2117 Apr	0.0611	0.00000994	2.72	4.99	0.058	0.000819	9.55	0.00377	0.0418	0.000352	0.000254	0.000164	0.168	0.00000221	0.000326	0.000651	0.00149	0.0000531
2117 May	0.063	0.00001	2.75	5.05	0.0601	0.000816	9.63	0.00379	0.0423	0.000371	0.000258	0.000166	0.17	0.00000223	0.000326	0.000675	0.00151	0.0000528
2117 Jun	0.0666	0.0000101	2.84	5.27	0.0654	0.000817	9.91	0.0039	0.0428	0.000416	0.000272	0.000173	0.178	0.00000225	0.000333	0.000732	0.00155	0.0000539
2117 Jul	0.0693	0.0000106	2.95	5.47	0.0679	0.000848	10.3	0.00404	0.0446	0.000432	0.000282	0.000179	0.184	0.00000234	0.000345	0.00076	0.00162	0.0000559
2117 Aug	0.0705	0.0000108	2.99	5.55	0.0689	0.000861	10.5	0.00411	0.0454	0.000439	0.000286	0.000182	0.187	0.00000239	0.000351	0.000771	0.00165	0.0000567
2117 Sep	0.0708	0.0000108	3	5.57	0.069	0.000865	10.5	0.00411	0.0458	0.000439	0.000287	0.000182	0.188	0.0000024	0.000351	0.000772	0.00165	0.0000568
2117 Oct	0.0695	0.0000107	2.93	5.43	0.0671	0.000849	10.3	0.00401	0.0453	0.000427	0.000279	0.000178	0.184	0.00000236	0.000342	0.000753	0.00162	0.0000551
2117 Nov	0.0687	0.0000106	2.89	5.36	0.066	0.00084	10.1	0.00395	0.0452	0.000419	0.000274	0.000175	0.181	0.00000234	0.000337	0.000742	0.00161	0.0000541
2117 Dec	0.0685	0.0000106	2.88	5.33	0.0656	0.000837	10.1	0.00393	0.0452	0.000417	0.000272	0.000174	0.18	0.00000234	0.000335	0.000738	0.0016	0.0000538
2118 Jan	0.0686	0.0000106	2.88	5.33	0.0656	0.000837	10.1	0.00393	0.0452	0.000416	0.000272	0.000174	0.18	0.00000234	0.000335	0.000738	0.0016	0.0000537
2118 Feb	0.0687	0.0000106	2.88	5.33	0.0657	0.000837	10.1	0.00393	0.0452	0.000417	0.000272	0.000174	0.18	0.00000234	0.000335	0.000739	0.0016	0.0000537
2118 Mar	0.0687	0.0000106	2.88	5.33	0.0658	0.000837	10.1	0.00393	0.0452	0.000417	0.000272	0.000174	0.181	0.00000234	0.000335	0.00074	0.0016	0.0000537
2118 Apr	0.069	0.0000106	2.89	5.35	0.0661	0.00084	10.1	0.00394	0.0454	0.000419	0.000273	0.000174	0.181	0.00000235	0.000336	0.000743	0.00161	0.0000538
2118 May	0.0718	0.0000104	2.85	5.34	0.0698	0.000797	9.96	0.00383	0.0453	0.00046	0.000273	0.000173	0.182	0.0000023	0.000322	0.000785	0.00161	0.000051
2118 Jun	0.07	0.0000101	2.93	5.5	0.0711	0.000816	10.1	0.00401	0.0424	0.000465	0.000285	0.00018	0.185	0.00000224	0.000341	0.000789	0.00158	0.0000551
2118 Jul	0.0733	0.0000106	3.07	5.77	0.0745	0.000856	10.6	0.00421	0.0445	0.000486	0.000299	0.000189	0.194	0.00000235	0.000358	0.000827	0.00166	0.0000578
2118 Aug	0.0708	0.0000104	2.95	5.52	0.0709	0.000828	10.2	0.00403	0.0437	0.000462	0.000284	0.000181	0.186	0.0000023	0.000342	0.000786	0.00161	0.0000548
2118 Sep	0.065	0.00001	2.79	5.17	0.0635	0.000814	9.64	0.00382	0.0422	0.000401	0.000262	0.00017	0.174	0.00000222	0.000328	0.000704	0.00151	0.0000522
2118 Oct	0.0621	0.00000997	2.81	5.17	0.0607	0.000845	9.66	0.0039	0.0414	0.00037	0.000261	0.00017	0.173	0.00000221	0.000339	0.00067	0.00148	0.0000544
2118 Nov	0.0614	0.00000997	2.81	5.17	0.0599	0.000854	9.66	0.00392	0.0413	0.000361	0.000261	0.00017	0.173	0.00000221	0.000342	0.00066	0.00147	0.0000549
2118 Dec	0.0614	0.00000998	2.81	5.17	0.0598	0.000854	9.66	0.00392	0.0413	0.00036	0.00026	0.00017	0.173	0.00000221	0.000342	0.000659	0.00147	0.0000548
2119 Jan	0.0614	0.00000998	2.81	5.17	0.0599	0.000854	9.66	0.00392	0.0414	0.00036	0.00026	0.00017	0.173	0.00000221	0.000342	0.00066	0.00147	0.0000548
2119 Feb	0.0615	0.00000998	2.81	5.17	0.0599	0.000854	9.66	0.00392	0.0414	0.000361	0.00026	0.00017	0.173	0.00000221	0.000342	0.00066	0.00147	0.0000548
2119 Mar	0.0616	0.00001	2.82	5.18	0.0601	0.000855	9.68	0.00392	0.0415	0.000361	0.000261	0.000171	0.173	0.00000222	0.000343	0.000662	0.00148	0.0000549
2119 Apr	0.0626	0.0000101	2.84	5.23	0.0611	0.000859	9.76	0.00394	0.0419	0.000366	0.000262	0.000172	0.175	0.00000223	0.000344	0.000673	0.00149	0.000055
2119 May	0.068	0.00000999	2.92	5.46	0.0689	0.000839	9.98	0.004	0.042	0.000418	0.000273	0.000176	0.183	0.00000221	0.000344	0.000752	0.00151	0.0000547
2119 Jun	0.0669	0.00000998	2.95	5.51	0.0686	0.00085	10	0.00408	0.0412	0.000416	0.000281	0.000179	0.184	0.00000221	0.000353	0.00075	0.00152	0.0000566
2119 Jul	0.0694	0.0000104	3.05	5.68	0.0706	0.000876	10.4	0.00422	0.043	0.000429	0.000292	0.000185	0.19	0.00000231	0.000364	0.000777	0.00159	0.0000582
2119 Aug	0.0696	0.0000105	3.05	5.67	0.0704	0.000879	10.4	0.00421	0.0435	0.000427	0.00029	0.000185	0.19	0.00000233	0.000363	0.000773	0.0016	0.0000579
2119 Sep	0.0667	0.0000102	2.9	5.37	0.0663	0.000842	9.86	0.00398	0.0426	0.0004	0.000273	0.000175	0.181	0.00000226	0.000342	0.000729	0.00154	0.0000542
2119 Oct	0.0644	0.0000101	2.83	5.24	0.0634	0.000837	9.64	0.0039	0.0419	0.000378	0.000264	0.000171	0.176	0.00000222	0.000338	0.000697	0.0015	0.0000533
2119 Nov	0.0629	0.00001	2.83	5.22	0.0617	0.000851	9.62	0.00392	0.0417	0.000362	0.000262	0.00017	0.175	0.00000221	0.000342	0.000678	0.00148	0.000054
2119 Dec	0.0629	0.00001	2.83	5.22	0.0616	0.000851	9.61	0.00392	0.0417	0.000361	0.000262	0.00017	0.175	0.00000221	0.000341	0.000677	0.00148	0.0000539

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	33.8	0.00929	0.00504	0.000965	6.26	0.0195	2.22	0.000965	0.000965	0.00000482	0.00593	0.000912	0.00882	0.0118	0.00000482	9.84	0.0000107	0.000152	0.0000974	0.000652
Operation (2026-2036): Mean	46.1	0.062	0.00658	0.00101	10.6	0.0362	3.99	0.00101	0.00101	0.00000507	0.00749	0.00108	0.0108	0.0162	0.00000507	14.3	0.0000155	0.000201	0.00014	0.000864
Operation (2026-2036): Max	64.9	0.104	0.0148	0.00109	15.3	0.0432	5.44	0.00109	0.00109	0.00000544	0.00825	0.00143	0.0115	0.0274	0.00000544	22.7	0.0000218	0.000324	0.000378	0.00104
Active Closure (2037-2043): Min	34.4	0.00939	0.00546	0.00097	6.19	0.0198	2.23	0.00097	0.00097	0.00000485	0.00556	0.000911	0.00888	0.0117	0.00000485	9.89	0.00000832	0.000133	0.000099	0.000654
Active Closure (2037-2043): Mean	48.1	0.0554	0.00762	0.00103	10.9	0.0353	4.06	0.00103	0.00103	0.00000513	0.00726	0.00113	0.0108	0.0175	0.00000513	15.2	0.0000152	0.000215	0.000166	0.000873
Active Closure (2037-2043): Max	67.8	0.0853	0.0151	0.00111	16.1	0.0428	5.77	0.00111	0.00111	0.00000553	0.00815	0.00144	0.012	0.0285	0.00000553	23.7	0.0000227	0.000328	0.000386	0.00107
Post Closure (2044-2119): Min	50.4	0.026	0.00711	0.00104	11.6	0.0278	4.72	0.00095	0.00094	0.00000482	0.00583	0.00108	0.0116	0.0125	0.00000494	14	0.00000994	0.000179	0.000121	0.000839
Post Closure (2044-2119): Mean	109	0.0721	0.0567	0.00196	18	0.0412	21.2	0.00107	0.001	0.00000507	0.00719	0.00128	0.0231	0.0184	0.00000515	19.1	0.0000173	0.000302	0.000208	0.00106
Post Closure (2044-2119): Max	280	0.123	0.403	0.00769	54.3	0.0503	45.6	0.0013	0.00114	0.00000578	0.00813	0.00208	0.0435	0.0338	0.00000588	33.7	0.0000237	0.000689	0.000529	0.00146
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	48.6	0.0741	0.00652	0.00101	11.7	0.0399	4.47	0.00101	0.00101	0.00000505	0.0074	0.00113	0.011	0.0174	0.00000505	15.4	0.0000135	0.000202	0.000151	0.000919
2026 Feb	48.6	0.0741	0.00652	0.00101	11.7	0.0399	4.47	0.00101	0.00101	0.00000505	0.0074	0.00113	0.011	0.0174	0.00000505	15.4	0.0000135	0.000202	0.000151	0.000919
2026 Mar	48.7	0.0741	0.00652	0.00101	11.7	0.04	4.47	0.00101	0.00101	0.00000505	0.0074	0.00113	0.011	0.0174	0.00000505	15.4	0.0000135	0.000203	0.000151	0.000919
2026 Apr	48.9	0.0744	0.00655	0.00101	11.8	0.0401	4.49	0.00101	0.00101	0.00000507	0.00743	0.00113	0.0111	0.0174	0.00000507	15.5	0.0000136	0.000203	0.000151	0.000923
2026 May	50	0.0754	0.0068	0.00103	12	0.0405	4.58	0.00103	0.00103	0.00000514	0.00753	0.00116	0.0112	0.0179	0.00000514	15.9	0.0000138	0.000209	0.000159	0.000939
2026 Jun	39.2	0.0184	0.00771	0.000986	7.08	0.0214	2.46	0.000986	0.000986	0.00000493	0.00729	0.000927	0.00985	0.0132	0.00000493	11.4	0.0000214	0.000211	0.000132	0.000653
2026 Jul	37.8	0.0129	0.00723	0.00103	6.64	0.0233	2.34	0.00103	0.00103	0.00000514	0.00734	0.000942	0.01	0.0125	0.00000514	10.7	0.0000208	0.000199	0.000114	0.000668
2026 Aug	38.9	0.0185	0.00662	0.00104	7.88	0.0317	2.87	0.00104	0.00104	0.0000052	0.00656	0.00103	0.0103	0.0136	0.0000052	11.7	0.0000144	0.000179	0.00011	0.00075
2026 Sep	41.2	0.0304	0.00652	0.00105	8.77	0.0344	3.23	0.00105	0.00105	0.00000524	0.0068	0.00105	0.0108	0.0143	0.00000524	12.5	0.000014	0.000185	0.000113	0.000787
2026 Oct	43.9	0.0547	0.00603	0.00103	9.98	0.0374	3.78	0.00103	0.00103	0.00000514	0.00726	0.00106	0.011	0.0151	0.00000514	13.4	0.0000142	0.000189	0.000118	0.000843
2026 Nov	44.1	0.0551	0.00604	0.00103	10	0.0375	3.8	0.00103	0.00103	0.00000516	0.00729	0.00107	0.011	0.0151	0.00000516	13.5	0.0000142	0.000189	0.000118	0.000847
2026 Dec	44.1	0.0552	0.00605	0.00103	10	0.0376	3.8	0.00103	0.00103	0.00000516	0.0073	0.00107	0.011	0.0152	0.00000516	13.5	0.0000142	0.000189	0.000118	0.000847
2027 Jan	44.1	0.0552	0.00605	0.00103	10	0.0376	3.8	0.00103	0.00103	0.00000516	0.0073	0.00107	0.011	0.0152	0.00000516	13.5	0.0000142	0.000189	0.000118	0.000847
2027 Feb	44.1	0.0552	0.00605	0.00103	10	0.0376	3.8	0.00103	0.00103	0.00000516	0.0073	0.00107	0.011	0.0152	0.00000516	13.5	0.0000142	0.000189	0.000118	0.000847
2027 Mar	44.1	0.0552	0.00605	0.00103	10	0.0376	3.8	0.00103	0.00103	0.00000516	0.0073	0.00107	0.011	0.0152	0.00000516	13.5	0.0000143	0.00019	0.000118	0.000848
2027 Apr	44.4	0.0555	0.00609	0.00104	10.1	0.0378	3.83	0.00104	0.00104	0.00000519	0.00734	0.00108	0.0111	0.0153	0.00000519	13.6	0.0000143	0.000191	0.000119	0.000853
2027 May	46.2	0.0568	0.00658	0.00106	10.5	0.0381	3.97	0.00106	0.00106	0.00000528	0.00746	0.00111	0.0112	0.0161	0.00000528	14.3	0.0000147	0.0002	0.000133	0.000877
2027 Jun	39.2	0.0209	0.00741	0.00099	7.23	0.023	2.54	0.00099	0.00099	0.00000495	0.00727	0.000933	0.00996	0.0131	0.00000495	11.4	0.0000205	0.000206	0.000126	0.000666
2027 Jul	36.7	0.0108	0.00696	0.00103	6.35	0.0235	2.24	0.00103	0.00103	0.00000514	0.00729	0.000928	0.00996	0.012	0.00000514	10.3	0.0000206	0.000192	0.000105	0.000659
2027 Aug	39	0.0155	0.00698	0.00107	7.34	0.0284	2.62	0.00107	0.00107	0.00000534	0.00719	0.001	0.0106	0.0131	0.00000534	11.3	0.0000182	0.000194	0.000108	0.00072
2027 Sep	42.9	0.0441	0.00635	0.00104	9.32	0.0348	3.45	0.00104	0.00104	0.0000052	0.00729	0.00104	0.0113	0.0144	0.0000052	12.9	0.0000154	0.000196	0.000112	0.000793
2027 Oct	45.4	0.067	0.00585	0.00102	10.5	0.038	4	0.00102	0.00102	0.0000051	0.00765	0.00106	0.0113	0.0153	0.0000051	13.8	0.0000152	0.000196	0.000118	0.000855
2027 Nov	46.2	0.0733	0.00573	0.00102	10.8	0.039	4.16	0.00102	0.00102	0.00000509	0.00777	0.00106	0.0114	0.0155	0.00000509	14.1	0.0000152	0.000197	0.000119	0.000873
2027 Dec	46.2	0.0739	0.00572	0.00102	10.9	0.0391	4.17	0.00102	0.00102	0.00000508	0.00778	0.00106	0.0114	0.0155	0.00000508	14.1	0.0000151	0.000197	0.000119	0.000875
2028 Jan	46.2	0.0739	0.00572	0.00102	10.9	0.0391	4.17	0.00102	0.00102	0.00000508	0.00778	0.00106	0.0114	0.0155	0.00000508	14.1	0.0000151	0.000197	0.000119	0.000875
2028 Feb	46.2	0.0739	0.00572	0.00102	10.9	0.0391	4.17	0.00102	0.00102	0.00000508	0.00778	0.00106	0.0114	0.0155	0.00000508	14.1	0.0000151	0.000197	0.000119	0.000875
2028 Mar	46.2	0.0739	0.00572	0.00102	10.9	0.0391	4.17	0.00102	0.00102	0.00000509	0.00778	0.00106	0.0114	0.0155	0.00000509	14.1	0.0000151	0.000197	0.00012	0.000875
2028 Apr	46.4	0.0741	0.00574	0.00102	10.9	0.0392	4.18	0.00102	0.00102	0.0000051	0.0078	0.00107	0.0114	0.0156	0.0000051	14.2	0.0000152	0.000197	0.00012	0.000878
2028 May	47	0.0751	0.00582	0.00103	11.1	0.0397	4.24	0.00103	0.00103	0.00000517	0.0079	0.00108	0.0115	0.0158	0.00000517	14.4	0.0000154	0.0002	0.000122	0.000889
2028 Jun	38.3	0.0271	0.00661	0.000996	7.16	0.025	2.57	0.000996	0.000996	0.00000498	0.00747	0.000912	0.0103	0.0123	0.00000498	10.9	0.0000203	0.000198	0.000105	0.000669
2028 Jul	36.5	0.0116	0.00687	0.00102	6.31	0.0233	2.22	0.00102	0.00102	0.00000511	0.00729	0.000918	0.00996	0.0119	0.00000511	10.2	0.0000206	0.000192	0.000103	0.000652
2028 Aug	39.3	0.0144	0.00718	0.00109	7.1	0.0269	2.53	0.00109	0.00109	0.00000544	0.00755	0.000998	0.0107	0.013	0.00000544	11.2	0.0000202	0.0002	0.000109	0.000714
2028 Sep	42.3	0.0348	0.00681	0.00108	8.48	0.0314	3.12	0.00108	0.00108	0.00000541	0.00777	0.00104	0.0111	0.014	0.00000541	12.3	0.0000189	0.000203	0.000114	0.000779
2028 Oct	46.9	0.0816	0.00558	0.00101	11.1	0.0391	4.29	0.00101	0.00101	0.00000506	0.00807	0.00106	0.0112	0.0157	0.00000506	14.3	0.0000162	0.000197	0.000122	0.000893
2028 Nov	47.7	0.0873	0.00549	0.00101	11.4	0.0402	4.45	0.00101	0.00101	0.00000506	0.00816	0.00107	0.0113	0.016	0.00000506	14.6	0.000016	0.000198	0.000124	0.000912
2028 Dec	47.7	0.0873	0.00549	0.00101	11.5	0.0403	4.46	0.00101	0.00101	0.00000506	0.00817	0.00107	0.0113	0.016	0.00000506	14.6	0.000016	0.000198	0.000124	0.000913
2029 Jan	47.7	0.0873	0.00549	0.00101	11.5	0.0403	4.46	0.00101	0.00101	0.00000506	0.00817	0.00107	0.0113	0.016	0.00000506	14.6	0.000016	0.000198	0.000124	0.000913
2029 Feb	47.7	0.0873	0.00549	0.00101	11.5	0.0403	4.46	0.00101	0.00101	0.00000506	0.00817	0.00107	0.0113	0.016	0.00000506	14.6	0.000016	0.000198	0.000124	0.000913
2029 Mar	47.8	0.0874	0.00549	0.00101	11.5	0.0403	4.46	0.00101	0.00101	0.00000506	0.00817	0.00107	0.0113	0.016	0.00000506	14.6	0.000016	0.000198	0.000124	0.000913
2029 Apr	47.8	0.0874	0.0055	0.00101	11.5	0.0403	4.46	0.00101	0.00101	0.00000507	0.00818	0.00107	0.0114	0.016	0.00000507	14.6	0.000016	0.000199	0.000124	0.000914
2029 May	48.3	0.0882	0.00556	0.00102	11.6	0.0407	4.5	0.00102	0.00102	0.00000511	0.00825	0.00108	0.0115	0.0162	0.00000511	14.8	0.0000162	0.000201	0.000125	0.000922
2029 Jun	45.6	0.0586	0.00685	0.00102	9.9	0.0323	3.71	0.00102	0.00102	0.0000051	0.00795	0.00104	0.0109	0.0155	0.0000051	13.8	0.0000189	0.000212	0.000138	0.000821
2029 Jul	34.4	0.00984	0.00605	0.000987	6.53	0.0281	2.44	0.000987	0.000987	0.00000494	0.00623	0.000957	0.00886	0.0122	0.00000494	10.1	0.0000147	0.000155	0.0000993	0.000707
2029 Aug	36.8	0.0148	0.00599	0.00103	7.67	0.0342	2.89	0.00103	0.00103	0.00000514	0.006	0.00105	0.00944	0.0135	0.00000514	11.3	0.0000113	0.000152	0.000103	0.000782
2029 Sep	40.2	0.032	0.00595	0.00104	8.89	0.0372	3.36	0.00104	0.00104	0.00000519	0.00642	0.00107	0.0103	0.0144	0.00000519	12.4	0.0000114	0.000166	0.000108	0.000823
2029 Oct	43.4	0.0574	0.00562	0.00102	10.2	0.0395	3.91	0.00102	0.00102	0.0000051	0.00705	0.00108	0.0107	0.0152	0.0000051	13.4	0.0000125	0.000176	0.000115	0.000872
2029 Nov	46.2	0.0814	0.00525	0.000995	11.3	0.0413	4.4	0.000995	0.000995	0.00000497	0.00759	0.00108	0.0109	0.0159	0.00000497	14.3	0.0000134	0.000184	0.00012	0.000911
2029 Dec	46.2	0.0814	0.00525	0.000995	11.3	0.0414	4.41	0.000995	0.000995	0.00000498	0.00759	0.00108	0.0109	0.0159	0.00000498	14.3	0.0000134	0.000184	0.00012	0.000912
2030 Jan	46.2	0.0814	0.00525	0.000995	11.3	0.0414	4.41	0.000995	0.000995	0.00000498	0.00759	0.00108	0.0109	0.0159	0.00000498	14.3	0.0000134	0.000184	0.00012	0.000912
2030 Feb	46.2	0.0814	0.00525	0.000996	11.3	0.0414	4.41	0.000996	0.000996	0.00000498	0.0076	0.00108	0.0109	0.0159	0.00000498	14.3	0.0000134	0.000184	0.00012	0.000912
2030 Mar	46.3	0.0815	0.00525	0.000996	11.3	0.0414	4.41	0.000996	0.000996	0.00000498	0.0076	0.00108	0.0109	0.0159	0.00000498	14.4	0.0000134	0.000184	0.00012	0.000912
2030 Apr	46.3	0.0816	0.00526	0.000998	11.3	0.0415	4.42	0.000998	0.000998	0.00000499	0.00761	0.00108	0.011	0.0159	0.00000499	14.4	0.0000135	0.000184	0.00012	0.000914
2030 May	47	0.0828	0.00534	0.00101	11.5	0.0421	4.48	0.00101	0.00101	0.00000506	0.00773	0.0011	0.0111	0.0161	0.00000506	14.6	0.0000137	0.000187	0.000122	0.000928
2030 Jun	38.4	0.0291	0.0065	0.000994	7.27	0.0256	2.63	0.000994	0.000994	0.00000497	0.00745	0.000917	0.0102	0.0124	0.00000497	10.9	0.00002	0.000195	0.000105	0.00068
2030 Jul	35.6	0.0119	0.00657	0.001	6.35	0.0244	2.28	0.001	0.001	0.00000501	0.00695	0.000919	0.00958	0.0119	0.00000501	10.1	0.0000188	0.00018	0.000101	0.000662
2030 Aug	36.9	0.0137	0.00635	0.00104	7.19	0.0304	2.66	0.00104	0.00104	0.00000518	0.00654	0.00101	0.00964	0.013	0.00000518	10.9	0.0000149	0.000167	0.000104	0.000743
2030 Sep	39.1	0.0201	0.00648	0.00107	7.9	0.0328	2.93	0.00107	0.00107	0.00000533	0.00678	0.00105	0.0103	0.0137	0.00000533	11.7	0.0000148	0.000176	0.000108	0.000779
2030 Oct	41.8	0.0421	0.0061	0.00105	9.09	0.0356	3.45	0.00105	0.00105	0.00000523	0.00717	0.00106	0.0105	0.0145	0.00000523	12.6	0.0000148	0.000181	0.000113	0.000826
2030 Nov	43.5	0.0559	0.00585	0.00103	9.82	0.0372	3.76	0.00103	0.00103	0.00000516	0.00739	0.00106	0.0107	0.015	0.00000516	13.2	0.0000148	0.000184	0.000116	0.000854
2030 Dec	43.5	0.0559	0.00585	0.00103	9.82	0.0373	3.77	0.00103	0.00103	0.00000516	0.0074	0.00106	0.0107	0.015	0.00000516	13.2	0.0000148	0.000184	0.000116	0.000855
2031 Jan	43.5	0.0559	0.00585	0.00103	9.82	0.0373	3.77	0.00103	0.00103	0.00000516	0.0074	0.00106	0.0107	0.015	0.00000516	13.2	0.0000148	0.000184	0.000116	0.000855

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	43.5	0.0559	0.00585	0.00103	9.82	0.0373	3.77	0.00103	0.00103	0.00000516	0.0074	0.00106	0.0107	0.015	0.00000516	13.2	0.0000148	0.000184	0.000116	0.000855
2031 Mar	43.5	0.0559	0.00586	0.00103	9.82	0.0373	3.77	0.00103	0.00103	0.00000516	0.0074	0.00106	0.0107	0.015	0.00000516	13.2	0.0000148	0.000184	0.000116	0.000855
2031 Apr	43.7	0.0562	0.00588	0.00104	9.87	0.0375	3.79	0.00104	0.00104	0.00000518	0.00744	0.00107	0.0108	0.015	0.00000518	13.3	0.0000149	0.000185	0.000116	0.000859
2031 May	51.8	0.059	0.00868	0.00105	11.8	0.0352	4.4	0.00105	0.00105	0.00000523	0.00742	0.00121	0.0106	0.0196	0.00000523	16.8	0.0000161	0.00023	0.000204	0.000935
2031 Jun	63.7	0.0436	0.0148	0.001	13.9	0.0215	4.79	0.001	0.001	0.00000501	0.00706	0.00137	0.00928	0.0269	0.00000501	22.1	0.0000212	0.000324	0.000378	0.000949
2031 Jul	60.1	0.0372	0.0136	0.00107	12.8	0.0237	4.42	0.00107	0.00107	0.00000533	0.00745	0.00134	0.00992	0.0246	0.00000533	20.3	0.0000218	0.000306	0.000328	0.000933
2031 Aug	56.7	0.0352	0.012	0.00109	12.3	0.0289	4.32	0.00109	0.00109	0.00000543	0.00713	0.00132	0.0103	0.0229	0.00000543	18.9	0.0000183	0.000275	0.000282	0.000938
2031 Sep	53.3	0.0581	0.00922	0.00105	12.3	0.0351	4.48	0.00105	0.00105	0.00000523	0.00729	0.00122	0.011	0.0202	0.00000523	17.4	0.0000156	0.000243	0.000215	0.000926
2031 Oct	51	0.0901	0.00649	0.000999	12.5	0.0405	4.8	0.000999	0.000999	0.00000499	0.00789	0.00113	0.0112	0.018	0.00000499	16.2	0.000015	0.000212	0.000159	0.000948
2031 Nov	51	0.0923	0.00635	0.001	12.6	0.0409	4.84	0.001	0.001	0.000005	0.00796	0.00113	0.0112	0.0179	0.000005	16.2	0.000015	0.000211	0.000157	0.000953
2031 Dec	51.1	0.0923	0.00635	0.001	12.6	0.041	4.84	0.001	0.001	0.000005	0.00796	0.00113	0.0112	0.0179	0.000005	16.2	0.000015	0.000211	0.000157	0.000953
2032 Jan	51.1	0.0923	0.00635	0.001	12.6	0.041	4.84	0.001	0.001	0.000005	0.00796	0.00113	0.0112	0.0179	0.000005	16.2	0.000015	0.000211	0.000157	0.000953
2032 Feb	51.1	0.0923	0.00635	0.001	12.6	0.041	4.84	0.001	0.001	0.000005	0.00796	0.00113	0.0112	0.0179	0.000005	16.2	0.000015	0.000211	0.000157	0.000953
2032 Mar	51.1	0.0924	0.00635	0.001	12.6	0.041	4.84	0.001	0.001	0.000005	0.00796	0.00113	0.0112	0.018	0.000005	16.2	0.000015	0.000212	0.000157	0.000953
2032 Apr	51.2	0.0926	0.00637	0.001	12.6	0.0411	4.85	0.001	0.001	0.00000502	0.00799	0.00113	0.0113	0.018	0.00000502	16.2	0.000015	0.000212	0.000157	0.000956
2032 May	52.4	0.0937	0.00663	0.00102	12.9	0.0415	4.95	0.00102	0.00102	0.00000509	0.00809	0.00116	0.0114	0.0185	0.00000509	16.6	0.0000153	0.000218	0.000165	0.000973
2032 Jun	40.5	0.026	0.00764	0.000984	7.65	0.023	2.7	0.000984	0.000984	0.00000492	0.00737	0.000946	0.00995	0.0137	0.00000492	11.9	0.0000209	0.000212	0.000137	0.000681
2032 Jul	33.8	0.00929	0.00607	0.000966	6.26	0.0261	2.3	0.000966	0.000966	0.00000483	0.00626	0.00092	0.00882	0.0118	0.00000483	9.84	0.0000155	0.000158	0.0000974	0.000673
2032 Aug	37.1	0.0184	0.00595	0.001	7.87	0.0338	2.92	0.001	0.001	0.000005	0.00593	0.00101	0.00981	0.0133	0.000005	11.3	0.000011	0.000159	0.000101	0.000751
2032 Sep	40.1	0.0304	0.00602	0.00102	8.93	0.0368	3.31	0.00102	0.00102	0.00000511	0.00622	0.00105	0.0107	0.0141	0.00000511	12.4	0.0000107	0.000171	0.000105	0.000788
2032 Oct	41.9	0.0422	0.0059	0.00102	9.55	0.0382	3.58	0.00102	0.00102	0.00000512	0.00658	0.00106	0.0109	0.0146	0.00000512	12.9	0.0000113	0.000176	0.000109	0.000821
2032 Nov	42.6	0.0476	0.00584	0.00102	9.82	0.0387	3.71	0.00102	0.00102	0.00000511	0.00673	0.00107	0.0109	0.0148	0.00000511	13.2	0.0000116	0.000178	0.000111	0.000834
2032 Dec	43.2	0.053	0.00574	0.00102	10.1	0.0391	3.82	0.00102	0.00102	0.00000508	0.00685	0.00107	0.0109	0.015	0.00000508	13.4	0.0000119	0.000179	0.000112	0.000844
2033 Jan	43.2	0.053	0.00574	0.00102	10.1	0.0391	3.82	0.00102	0.00102	0.00000508	0.00686	0.00107	0.0109	0.015	0.00000508	13.4	0.0000119	0.000179	0.000112	0.000844
2033 Feb	43.2	0.0531	0.00574	0.00102	10.1	0.0391	3.82	0.00102	0.00102	0.00000508	0.00686	0.00107	0.0109	0.015	0.00000508	13.4	0.0000119	0.000179	0.000112	0.000844
2033 Mar	43.2	0.0531	0.00575	0.00102	10.1	0.0392	3.82	0.00102	0.00102	0.00000509	0.00686	0.00107	0.011	0.015	0.00000509	13.4	0.0000119	0.00018	0.000112	0.000845
2033 Apr	43.5	0.0535	0.00579	0.00102	10.1	0.0394	3.85	0.00102	0.00102	0.00000512	0.00691	0.00108	0.011	0.0151	0.00000512	13.5	0.000012	0.000181	0.000113	0.000851
2033 May	64.9	0.0609	0.0135	0.00102	15.3	0.0308	5.42	0.00102	0.00102	0.0000051	0.00685	0.00143	0.00993	0.0274	0.0000051	22.7	0.0000163	0.000305	0.000358	0.00104
2033 Jun	56.3	0.0339	0.0131	0.000965	11.9	0.0195	4.06	0.000965	0.000965	0.00000482	0.00687	0.00122	0.00903	0.0232	0.00000482	19	0.0000211	0.000293	0.000317	0.000843
2033 Jul	49	0.0245	0.0106	0.00101	9.94	0.0232	3.47	0.00101	0.00101	0.00000506	0.00694	0.00115	0.00938	0.0192	0.00000506	15.9	0.0000197	0.000248	0.000235	0.000806
2033 Aug	49.4	0.0247	0.0102	0.00106	10.2	0.0275	3.62	0.00106	0.00106	0.00000532	0.00698	0.0012	0.00982	0.0194	0.00000532	16	0.0000182	0.00024	0.000224	0.000855
2033 Sep	49.1	0.0591	0.00778	0.00102	11.3	0.0354	4.18	0.00102	0.00102	0.00000512	0.00734	0.00114	0.0108	0.0179	0.00000512	15.6	0.0000155	0.000219	0.000174	0.000888
2033 Oct	49.4	0.0991	0.00542	0.00098	12.3	0.042	4.82	0.00098	0.00098	0.0000049	0.00806	0.00109	0.0112	0.0169	0.0000049	15.4	0.0000147	0.000199	0.000136	0.000945
2033 Nov	49.8	0.103	0.0053	0.000985	12.5	0.0428	4.91	0.000985	0.000985	0.00000492	0.00817	0.00109	0.0113	0.017	0.00000492	15.6	0.0000148	0.000199	0.000134	0.000957
2033 Dec	49.9	0.103	0.00531	0.000985	12.5	0.0428	4.91	0.000985	0.000985	0.00000493	0.00818	0.00109	0.0113	0.017	0.00000493	15.6	0.0000148	0.000199	0.000134	0.000957
2034 Jan	49.9	0.103	0.00531	0.000985	12.5	0.0428	4.91	0.000985	0.000985	0.00000493	0.00818	0.00109	0.0113	0.017	0.00000493	15.6	0.0000148	0.000199	0.000134	0.000957
2034 Feb	49.9	0.103	0.00531	0.000985	12.5	0.0428	4.91	0.000985	0.000985	0.00000493	0.00818	0.00109	0.0113	0.017	0.00000493	15.6	0.0000148	0.000199	0.000134	0.000957
2034 Mar	49.9	0.103	0.00531	0.000986	12.5	0.0428	4.91	0.000986	0.000986	0.00000493	0.00818	0.00109	0.0113	0.017	0.00000493	15.6	0.0000148	0.000199	0.000134	0.000958
2034 Apr	50.1	0.103	0.00534	0.000991	12.6	0.043	4.94	0.000991	0.000991	0.00000495	0.00822	0.0011	0.0114	0.0171	0.00000495	15.7	0.0000149	0.0002	0.000135	0.000963
2034 May	58.2	0.0987	0.0086	0.00101	14.4	0.0395	5.44	0.00101	0.00101	0.00000504	0.00807	0.00125	0.011	0.0219	0.00000504	19.2	0.0000163	0.000249	0.000231	0.00103
2034 Jun	62.2	0.0424	0.0145	0.000982	13.5	0.0206	4.65	0.000982	0.000982	0.00000491	0.00697	0.00133	0.00913	0.0262	0.00000491	21.5	0.0000212	0.000319	0.000368	0.000922
2034 Jul	46.7	0.0232	0.00963	0.00101	9.72	0.0268	3.48	0.00101	0.00101	0.00000505	0.00651	0.00115	0.00902	0.0186	0.00000505	15.2	0.0000166	0.000221	0.000215	0.000831
2034 Aug	48.7	0.0251	0.00967	0.00108	10.3	0.0307	3.71	0.00108	0.00108	0.00000538	0.00676	0.00122	0.00979	0.0192	0.00000538	15.8	0.000016	0.000224	0.000212	0.000885
2034 Sep	49.2	0.0638	0.00743	0.00103	11.4	0.0372	4.32	0.00103	0.00103	0.00000516	0.00743	0.00116	0.0106	0.018	0.00000516	15.7	0.0000151	0.000211	0.000171	0.00092
2034 Oct	49.5	0.0976	0.00551	0.000986	12.3	0.042	4.82	0.000986	0.000986	0.00000493	0.00804	0.0011	0.0111	0.017	0.00000493	15.5	0.0000147	0.000198	0.000138	0.00095
2034 Nov	49.8	0.0993	0.00548	0.000991	12.4	0.0424	4.86	0.000991	0.000991	0.00000495	0.00811	0.0011	0.0112	0.0171	0.00000495	15.6	0.0000148	0.000199	0.000137	0.000957
2034 Dec	49.8	0.0993	0.00548	0.000991	12.4	0.0424	4.86	0.000991	0.000991	0.00000495	0.00811	0.0011	0.0112	0.0171	0.00000495	15.6	0.0000148	0.000199	0.000137	0.000957
2035 Jan	49.8	0.0993	0.00548	0.000991	12.4	0.0424	4.86	0.000991	0.000991	0.00000496	0.00811	0.0011	0.0112	0.0171	0.00000496	15.6	0.0000148	0.000199	0.000137	0.000958
2035 Feb	49.8	0.0994	0.00548	0.000991	12.4	0.0424	4.86	0.000991	0.000991	0.00000496	0.00811	0.0011	0.0112	0.0171	0.00000496	15.6	0.0000148	0.000199	0.000137	0.000958
2035 Mar	49.8	0.0994	0.00548	0.000991	12.4	0.0425	4.87	0.000991	0.000991	0.00000496	0.00811	0.0011	0.0112	0.0171	0.00000496	15.6	0.0000148	0.000199	0.000137	0.000958
2035 Apr	50.1	0.0998	0.00551	0.000996	12.5	0.0427	4.89	0.000996	0.000996	0.00000498	0.00815	0.00111	0.0113	0.0172	0.00000498	15.7	0.0000148	0.0002	0.000138	0.000962
2035 May	53.7	0.0998	0.00677	0.00102	13.3	0.042	5.14	0.00102	0.00102	0.00000508	0.00822	0.00118	0.0113	0.0192	0.00000508	17.2	0.0000156	0.000221	0.000175	0.001
2035 Jun	42.2	0.0203	0.00881	0.000969	7.9	0.0201	2.72	0.000969	0.000969	0.00000485	0.00714	0.000973	0.00953	0.0151	0.00000485	12.8	0.0000214	0.000227	0.00017	0.000679
2035 Jul	37.8	0.0124	0.00737	0.00101	6.61	0.0223	2.31	0.00101	0.00101	0.00000507	0.00728	0.000932	0.00987	0.0126	0.00000507	10.8	0.000021	0.000201	0.000118	0.000657
2035 Aug	40.4	0.0212	0.00711	0.00104	8.01	0.0294	2.84	0.00104	0.00104	0.0000052	0.00695	0.001	0.0109	0.0136	0.0000052	12	0.0000167	0.0002	0.000116	0.000716
2035 Sep	46	0.0731	0.00569	0.000993	11	0.0395	4.19	0.000993	0.000993	0.00000496	0.00742	0.00105	0.0115	0.0155	0.00000496	14.2	0.0000135	0.000196	0.000118	0.000856
2035 Oct	48.5	0.0961	0.0052	0.000985	12.1	0.0423	4.71	0.000985	0.000985	0.00000492	0.00798	0.00107	0.0114	0.0163	0.00000492	15.1	0.0000142	0.000196	0.000124	0.000926
2035 Nov	48.7	0.101	0.00504	0.000975	12.2	0.0427	4.8	0.000975	0.000975	0.00000488	0.00805	0.00107	0.0113	0.0164	0.00000488	15.1	0.0000143	0.000194	0.000124	0.000936
2035 Dec	48.8	0.101	0.00505	0.000976	12.3	0.0427	4.8	0.000976	0.000976	0.00000488	0.00806	0.00107	0.0113	0.0164	0.00000488	15.1	0.0000143	0.000195	0.000124	0.000936
2036 Jan	48.8	0.101	0.00505	0.000976	12.3	0.0427	4.8	0.000976	0.000976	0.00000488	0.00806	0.00107	0.0113	0.0164	0.00000488	15.1	0.0000143	0.000195	0.000124	0.000936
2036 Feb	48.8	0.101	0.00505	0.000976	12.3	0.0427	4.8	0.000976	0.000976	0.00000488	0.00806	0.00107	0.0113	0.0164	0.00000488	15.1	0.0000143	0.000195	0.000124	0.000936
2036 Mar	48.8	0.101	0.00505	0.000976	12.3	0.0427	4.8	0.000976	0.000976	0.00000488	0.00806	0.00107	0.0113	0.0164	0.00000488	15.1	0.0000143	0.000195	0.000124	0.000936
2036 Apr	49.6	0.102	0.00526	0.000981	12.5	0.0428	4.87	0.000981	0.000981	0.00000491	0.00809	0.00109	0.0114	0.0168	0.00000491	15.5	0.0000144	0.000199	0.000131	0.000947
2036 May	52.4	0.104	0.00603	0.001	13.2	0.0432	5.11	0.001	0.001	0.00000502	0.00822	0.00114	0.0115	0.0182	0.00000502	16.6	0.0000149	0.000213	0.000154	0.000985
2036 Jun	41.7	0.0276	0.00797	0.000986	7.98	0.023	2.81	0.000986	0.000986	0.00000493	0.00739	0.000966	0.00995	0.0144	0.00000493	12.4	0.000021	0.000218	0.000149	0.000695
2036 Jul	36.5	0.0119	0.00675	0.00101	6.61	0.0253	2.38	0.00101	0.00101	0.00000507	0.00692	0.000949	0.00957	0.0124	0.00000507	10.5	0.0000184	0.000181	0.000108	0.000685
2036 Aug	38.7	0.0145	0.00691	0.00107	7.35	0.0292	2.68	0.00107	0.00107	0.00000534	0.00702	0.00102	0.0101	0.0134	0.00000534	11.3	0.0000173	0.000185	0.000112	0.000744
2036 Sep	41.8	0.0366	0.00646	0.00105	8.89	0.034	3.3	0.00105	0.00105	0.00000524	0.00714	0.00105	0.0108	0.0143	0.00000524	12.6	0.0000154	0.00019	0.000114	0.000793
2036 Oct	46	0.0742	0.00565	0.00101	10.8	0.0391	4.18	0.00101	0.00101	0.00000506	0.00773	0.00107	0.0111	0.0156	0.00000506	14.1	0.000015	0.000193	0.000121	0.000882
2036 Nov	46.5	0.0797	0.00552	0.001	11.1	0.0398	4.31	0.001	0.001	0.00000502	0.00782	0.00107	0.0111	0.0158	0.00000502	14.3	0.0000149	0.000193	0.000122	0.000895
2036 Dec	46.7	0.0814	0.00548	0.001	11.2	0.04	4.35	0.001	0.001	0.00000501	0.00784	0.00107	0.0111	0.0158	0.00000501	14.4	0.0000149	0.000193	0.000122	0.000898
2037 Jan	46.7	0.0814	0.00548	0.001	11.2	0.04	4.35	0.001	0.001	0.00000501	0.00784	0.00107	0.0111	0.0158	0.00000501	14.4	0.0000149	0.000193	0.000122	0.000898
2037 Feb	46.7	0.0814	0.00548	0.001	11.2	0.04	4.35	0.001	0.001	0.00000501	0.00784	0.00107	0.0111	0.0158	0.00000501	14.4	0.0000149	0.000193	0.000122	0.000898
2037 Mar	46.7	0.0815	0.00549	0.001	11.2	0.0401	4.35	0.001	0.001	0.00000502	0.00785	0.00107	0.0112	0.0158	0.00000502	14.4	0.0000149	0.000193	0.000122	0.000899
2037 Apr	46.9	0.0818	0.00551	0.00101	11.3	0.0402	4.37	0.00101	0.00101	0.00000504	0.00787	0.00107	0.0112	0.0159	0.00000504	14.4	0.000015	0.000194	0.000122	0.000902
2037 May	67.8	0.0758	0.0139	0.00101	16.1	0.0305	5.77	0.00101	0.00101	0.00000503	0.00731	0.00144	0.00989	0.0285	0.00000503	23.7	0.000018	0.000318	0.000378	0.00107
2037 Jun	61.2	0.0397	0.0144	0.00097	13.2	0.0198	4.53	0.00097	0.00097	0.00000485	0.00686	0.00131	0.00897	0.0258	0.00000485	21.1	0.0000211	0.000315	0.000364	0.000903

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	53.2	0.0291	0.0118	0.00102	11	0.0232	3.84	0.00102	0.00102	0.00000512	0.00705	0.00122	0.00946	0.0214	0.00000512	17.6	0.0000203	0.000269	0.000273	0.000853
2037 Aug	53.1	0.0301	0.0112	0.00106	11.2	0.0272	3.94	0.00106	0.00106	0.00000532	0.00705	0.00125	0.01	0.0211	0.00000532	17.5	0.0000186	0.000261	0.000256	0.000884
2037 Sep	53.5	0.0417	0.0104	0.00108	11.7	0.0311	4.18	0.00108	0.00108	0.00000538	0.00728	0.00125	0.0107	0.0207	0.00000538	17.5	0.0000176	0.000255	0.000236	0.000908
2037 Oct	51.9	0.0721	0.00792	0.00103	12.1	0.0368	4.55	0.00103	0.00103	0.00000515	0.00773	0.00117	0.011	0.019	0.00000515	16.6	0.0000163	0.000228	0.000187	0.000934
2037 Nov	51.8	0.0767	0.0076	0.00103	12.2	0.0378	4.62	0.00103	0.00103	0.00000514	0.00783	0.00117	0.0111	0.0188	0.00000514	16.5	0.0000162	0.000225	0.000181	0.000941
2037 Dec	51.9	0.0767	0.00761	0.00103	12.2	0.0378	4.62	0.00103	0.00103	0.00000515	0.00783	0.00117	0.0111	0.0188	0.00000515	16.5	0.0000162	0.000225	0.000181	0.000942
2038 Jan	51.9	0.0767	0.00761	0.00103	12.2	0.0378	4.62	0.00103	0.00103	0.00000515	0.00783	0.00117	0.0111	0.0188	0.00000515	16.5	0.0000162	0.000225	0.000181	0.000942
2038 Feb	51.9	0.0767	0.00761	0.00103	12.2	0.0378	4.62	0.00103	0.00103	0.00000515	0.00783	0.00117	0.0111	0.0188	0.00000515	16.5	0.0000162	0.000225	0.000181	0.000942
2038 Mar	51.9	0.0768	0.00761	0.00103	12.3	0.0378	4.63	0.00103	0.00103	0.00000515	0.00783	0.00117	0.0111	0.0188	0.00000515	16.5	0.0000162	0.000225	0.000181	0.000942
2038 Apr	52	0.077	0.00763	0.00103	12.3	0.0379	4.64	0.00103	0.00103	0.00000516	0.00786	0.00117	0.0111	0.0188	0.00000516	16.6	0.0000162	0.000226	0.000182	0.000945
2038 May	60.4	0.0763	0.0108	0.00104	14.3	0.0348	5.23	0.00104	0.00104	0.00000519	0.00771	0.00132	0.0107	0.0237	0.00000519	20.3	0.0000174	0.000274	0.000279	0.00102
2038 Jun	64	0.043	0.0151	0.000992	14	0.0205	4.79	0.000992	0.000992	0.00000496	0.007	0.00137	0.00916	0.0272	0.00000496	22.2	0.0000214	0.000328	0.000386	0.000943
2038 Jul	60.2	0.0363	0.0137	0.00107	12.6	0.0225	4.35	0.00107	0.00107	0.00000533	0.00755	0.00133	0.00998	0.0245	0.00000533	20.2	0.0000227	0.00031	0.000329	0.000919
2038 Aug	59.4	0.0391	0.0126	0.00111	12.8	0.0283	4.45	0.00111	0.00111	0.00000553	0.00748	0.00134	0.011	0.0236	0.00000553	19.8	0.0000198	0.000297	0.000294	0.000936
2038 Sep	56.3	0.0584	0.0102	0.00107	12.8	0.0338	4.6	0.00107	0.00107	0.00000537	0.00762	0.00126	0.0114	0.0214	0.00000537	18.4	0.0000175	0.000266	0.000239	0.000939
2038 Oct	53.8	0.0812	0.00795	0.00104	12.8	0.0384	4.81	0.00104	0.00104	0.00000518	0.00796	0.00119	0.0114	0.0195	0.00000518	17.2	0.0000164	0.000236	0.000191	0.000956
2038 Nov	53.8	0.0826	0.00786	0.00104	12.9	0.0387	4.83	0.00104	0.00104	0.00000519	0.008	0.00119	0.0115	0.0195	0.00000519	17.2	0.0000164	0.000236	0.000189	0.00096
2038 Dec	53.9	0.0826	0.00786	0.00104	12.9	0.0388	4.83	0.00104	0.00104	0.00000519	0.008	0.00119	0.0115	0.0195	0.00000519	17.2	0.0000164	0.000236	0.000189	0.00096
2039 Jan	53.9	0.0826	0.00786	0.00104	12.9	0.0388	4.83	0.00104	0.00104	0.00000519	0.008	0.00119	0.0115	0.0195	0.00000519	17.2	0.0000164	0.000236	0.000189	0.00096
2039 Feb	53.9	0.0826	0.00786	0.00104	12.9	0.0388	4.83	0.00104	0.00104	0.00000519	0.008	0.00119	0.0115	0.0195	0.00000519	17.2	0.0000164	0.000236	0.000189	0.00096
2039 Mar	53.9	0.0827	0.00786	0.00104	12.9	0.0388	4.84	0.00104	0.00104	0.0000052	0.00801	0.00119	0.0115	0.0195	0.0000052	17.3	0.0000164	0.000236	0.000189	0.000961
2039 Apr	54.1	0.083	0.00789	0.00104	12.9	0.0389	4.85	0.00104	0.00104	0.00000521	0.00803	0.0012	0.0115	0.0195	0.00000521	17.3	0.0000164	0.000237	0.00019	0.000964
2039 May	55.3	0.0841	0.00818	0.00106	13.2	0.0393	4.96	0.00106	0.00106	0.00000529	0.00815	0.00122	0.0117	0.0201	0.00000529	17.8	0.0000167	0.000243	0.000198	0.000983
2039 Jun	38.6	0.0222	0.00718	0.000987	7.04	0.0226	2.48	0.000987	0.000987	0.00000493	0.00739	0.000912	0.01	0.0127	0.00000493	11	0.0000211	0.000205	0.000119	0.000654
2039 Jul	34.4	0.00939	0.00609	0.000987	6.48	0.0277	2.41	0.000987	0.000987	0.00000494	0.00626	0.000953	0.00888	0.0122	0.00000494	10.1	0.0000149	0.000156	0.0000993	0.000702
2039 Aug	36.1	0.013	0.00566	0.00103	7.83	0.0372	3.03	0.00103	0.00103	0.00000516	0.00556	0.00109	0.00892	0.0139	0.00000516	11.3	0.00000848	0.000133	0.000103	0.000829
2039 Sep	39.9	0.0322	0.00568	0.00104	9.05	0.0396	3.5	0.00104	0.00104	0.00000522	0.00617	0.00111	0.0098	0.0148	0.00000522	12.5	0.00000954	0.000151	0.00011	0.000869
2039 Oct	42.7	0.0531	0.00548	0.00103	10.1	0.0409	3.92	0.00103	0.00103	0.00000515	0.00676	0.00111	0.0103	0.0154	0.00000515	13.4	0.0000109	0.000163	0.000115	0.000898
2039 Nov	42.9	0.0538	0.00549	0.00103	10.1	0.0411	3.94	0.00103	0.00103	0.00000516	0.0068	0.00111	0.0103	0.0154	0.00000516	13.4	0.000011	0.000164	0.000115	0.000902
2039 Dec	42.9	0.0538	0.0055	0.00103	10.1	0.0411	3.95	0.00103	0.00103	0.00000517	0.0068	0.00111	0.0103	0.0155	0.00000517	13.4	0.000011	0.000164	0.000115	0.000902
2040 Jan	42.9	0.0538	0.0055	0.00103	10.1	0.0411	3.95	0.00103	0.00103	0.00000517	0.0068	0.00111	0.0103	0.0155	0.00000517	13.4	0.000011	0.000164	0.000115	0.000902
2040 Feb	42.9	0.0538	0.0055	0.00103	10.1	0.0411	3.95	0.00103	0.00103	0.00000517	0.0068	0.00111	0.0103	0.0155	0.00000517	13.4	0.000011	0.000164	0.000115	0.000902
2040 Mar	42.9	0.0539	0.0055	0.00103	10.1	0.0411	3.95	0.00103	0.00103	0.00000517	0.00681	0.00111	0.0103	0.0155	0.00000517	13.4	0.000011	0.000164	0.000115	0.000903
2040 Apr	43.1	0.054	0.00552	0.00104	10.2	0.0413	3.96	0.00104	0.00104	0.00000519	0.00683	0.00112	0.0104	0.0155	0.00000519	13.5	0.0000111	0.000165	0.000116	0.000906
2040 May	50.2	0.0568	0.00799	0.00105	11.8	0.0389	4.47	0.00105	0.00105	0.00000523	0.0069	0.00123	0.0102	0.0194	0.00000523	16.5	0.0000126	0.000207	0.000192	0.000966
2040 Jun	52.6	0.03	0.0119	0.000975	10.8	0.02	3.7	0.000975	0.000975	0.00000487	0.00699	0.00116	0.00924	0.021	0.00000487	17.4	0.0000212	0.000275	0.000277	0.000803
2040 Jul	46.3	0.0214	0.00984	0.00102	8.96	0.0222	3.11	0.00102	0.00102	0.0000051	0.00724	0.00108	0.00974	0.0173	0.0000051	14.4	0.0000212	0.000241	0.000203	0.000755
2040 Aug	45.5	0.0225	0.00898	0.00105	9.24	0.0279	3.28	0.00105	0.00105	0.00000525	0.00692	0.00112	0.0101	0.0171	0.00000525	14.3	0.0000176	0.000222	0.000182	0.000799
2040 Sep	46.4	0.0381	0.00795	0.00104	10.2	0.0336	3.67	0.00104	0.00104	0.0000052	0.00687	0.00112	0.011	0.0168	0.0000052	14.6	0.0000146	0.000216	0.000159	0.000819
2040 Oct	47.5	0.0525	0.00744	0.00104	10.8	0.036	3.97	0.00104	0.00104	0.00000519	0.00722	0.00112	0.0112	0.0169	0.00000519	14.9	0.0000148	0.000214	0.000155	0.000857
2040 Nov	47.8	0.0536	0.00743	0.00104	10.9	0.0362	4	0.00104	0.00104	0.00000521	0.00727	0.00112	0.0113	0.017	0.00000521	15	0.0000148	0.000215	0.000155	0.000862
2040 Dec	47.8	0.0537	0.00743	0.00104	10.9	0.0362	4.01	0.00104	0.00104	0.00000521	0.00727	0.00112	0.0113	0.017	0.00000521	15	0.0000148	0.000215	0.000155	0.000862
2041 Jan	47.8	0.0537	0.00743	0.00104	10.9	0.0362	4.01	0.00104	0.00104	0.00000521	0.00727	0.00113	0.0113	0.017	0.00000521	15	0.0000148	0.000215	0.000155	0.000862
2041 Feb	47.8	0.0537	0.00743	0.00104	10.9	0.0363	4.01	0.00104	0.00104	0.00000521	0.00727	0.00113	0.0113	0.017	0.00000521	15	0.0000148	0.000215	0.000155	0.000862
2041 Mar	47.8	0.0537	0.00744	0.00104	10.9	0.0363	4.01	0.00104	0.00104	0.00000522	0.00728	0.00113	0.0113	0.017	0.00000522	15	0.0000148	0.000215	0.000155	0.000863
2041 Apr	47.9	0.0538	0.00745	0.00105	10.9	0.0364	4.02	0.00105	0.00105	0.00000523	0.0073	0.00113	0.0113	0.0171	0.00000523	15.1	0.0000149	0.000216	0.000155	0.000865
2041 May	50.3	0.0551	0.00822	0.00106	11.5	0.036	4.21	0.00106	0.00106	0.00000528	0.00735	0.00117	0.0113	0.0184	0.00000528	16.1	0.0000153	0.000229	0.000179	0.000892
2041 Jun	38.8	0.02	0.00736	0.00099	7.12	0.0229	2.49	0.00099	0.00099	0.00000495	0.00726	0.000925	0.01	0.0129	0.00000495	11.2	0.0000205	0.000206	0.000123	0.000657
2041 Jul	34.6	0.0096	0.0064	0.000984	6.19	0.0245	2.23	0.000984	0.000984	0.00000492	0.00667	0.000911	0.00925	0.0117	0.00000492	9.89	0.0000178	0.000172	0.000099	0.000656
2041 Aug	37.5	0.0147	0.0065	0.00103	7.28	0.0298	2.65	0.00103	0.00103	0.00000517	0.00665	0.000996	0.01	0.0129	0.00000517	11	0.0000155	0.000176	0.000104	0.000725
2041 Sep	40.6	0.0305	0.00635	0.00104	8.63	0.0341	3.17	0.00104	0.00104	0.00000519	0.00677	0.00103	0.0109	0.0139	0.00000519	12.2	0.0000139	0.000184	0.000107	0.000769
2041 Oct	43.7	0.0552	0.00593	0.00102	9.94	0.0373	3.76	0.00102	0.00102	0.00000512	0.00728	0.00105	0.0111	0.0149	0.00000512	13.3	0.0000142	0.000189	0.000114	0.000835
2041 Nov	44.2	0.0578	0.00592	0.00103	10.1	0.0378	3.83	0.00103	0.00103	0.00000514	0.00736	0.00106	0.0111	0.015	0.00000514	13.5	0.0000143	0.00019	0.000115	0.000844
2041 Dec	44.2	0.0578	0.00592	0.00103	10.1	0.0378	3.83	0.00103	0.00103	0.00000514	0.00736	0.00106	0.0112	0.015	0.00000514	13.5	0.0000143	0.00019	0.000115	0.000845
2042 Jan	44.2	0.0578	0.00592	0.00103	10.1	0.0378	3.83	0.00103	0.00103	0.00000514	0.00736	0.00106	0.0112	0.015	0.00000514	13.5	0.0000143	0.00019	0.000115	0.000845
2042 Feb	44.2	0.0578	0.00592	0.00103	10.1	0.0378	3.83	0.00103	0.00103	0.00000514	0.00737	0.00106	0.0112	0.015	0.00000514	13.5	0.0000143	0.00019	0.000115	0.000845
2042 Mar	44.2	0.0578	0.00593	0.00103	10.1	0.0378	3.84	0.00103	0.00103	0.00000515	0.00737	0.00106	0.0112	0.015	0.00000515	13.5	0.0000143	0.00019	0.000115	0.000845
2042 Apr	44.5	0.0582	0.00596	0.00104	10.2	0.0381	3.86	0.00104	0.00104	0.00000518	0.00741	0.00107	0.0112	0.0151	0.00000518	13.6	0.0000144	0.000191	0.000116	0.000851
2042 May	49.9	0.0605	0.00775	0.00105	11.5	0.0371	4.27	0.00105	0.00105	0.00000527	0.00749	0.00117	0.0112	0.0181	0.00000527	15.8	0.0000154	0.000221	0.000171	0.000908
2042 Jun	40.9	0.0246	0.00774	0.000996	7.78	0.0238	2.74	0.000996	0.000996	0.00000498	0.0073	0.000965	0.0101	0.014	0.00000498	12.1	0.0000203	0.000212	0.000139	0.000692
2042 Jul	35.2	0.0103	0.00633	0.000999	6.56	0.0271	2.42	0.000999	0.000999	0.000005	0.00649	0.000956	0.00914	0.0123	0.000005	10.3	0.0000161	0.000165	0.000103	0.000699
2042 Aug	39.7	0.0287	0.00595	0.000995	9.07	0.0374	3.3	0.000995	0.000995	0.00000497	0.00579	0.00103	0.011	0.0139	0.00000497	12.4	0.00000865	0.000172	0.0001	0.000757
2042 Sep	43.8	0.0513	0.0058	0.000995	10.6	0.0413	3.9	0.000995	0.000995	0.00000497	0.00623	0.00106	0.012	0.0149	0.00000497	13.8	0.00000832	0.000188	0.000105	0.000802
2042 Oct	46.1	0.0734	0.00546	0.000989	11.4	0.0423	4.33	0.000989	0.000989	0.00000494	0.00702	0.00107	0.0118	0.0157	0.00000494	14.4	0.0000107	0.000191	0.000114	0.000865
2042 Nov	46.4	0.0743	0.00548	0.000993	11.5	0.0425	4.36	0.000993	0.000993	0.00000497	0.00706	0.00107	0.0118	0.0157	0.00000497	14.5	0.0000108	0.000192	0.000114	0.00087
2042 Dec	46.4	0.0743	0.00548	0.000993	11.5	0.0426	4.36	0.000993	0.000993	0.00000497	0.00707	0.00107	0.0118	0.0157	0.00000497	14.5	0.0000108	0.000192	0.000114	0.00087
2043 Jan	46.4	0.0743	0.00548	0.000994	11.5	0.0426	4.36	0.000994	0.000994	0.00000497	0.00707	0.00107	0.0118	0.0157	0.00000497	14.5	0.0000108	0.000192	0.000114	0.000871
2043 Feb	46.4	0.0743	0.00548	0.000994	11.5	0.0426	4.36	0.000994	0.000994	0.00000497	0.00707	0.00107	0.0118	0.0157	0.00000497	14.5	0.0000108	0.000192	0.000114	0.000871
2043 Mar	46.4	0.0743	0.00548	0.000994	11.5	0.0426	4.36	0.000994	0.000994	0.00000497	0.00707	0.00107	0.0118	0.0157	0.00000497	14.5	0.0000108	0.000192	0.000114	0.000871
2043 Apr	46.7	0.0748	0.00551	0.001	11.6	0.0428	4.38	0.001	0.001	0.000005	0.00711	0.00108	0.0119	0.0158	0.000005	14.6	0.0000109	0.000193	0.000115	0.000876
2043 May	52.7	0.0756	0.00765	0.00102	12.9	0.041	4.81	0.00102	0.00102	0.0000051	0.0072	0.00119	0.0117	0.0192	0.0000051	17.1	0.0000123	0.000227	0.00018	0.000938
2043 Jun	54.2	0.0326	0.0122	0.000985	11.2	0.0206	3.86	0.000985	0.000985	0.00000492	0.00706	0.00119	0.00939	0.0217	0.00000492	18	0.0000213	0.000282	0.000287	0.000824
2043 Jul	47.7	0.0231	0.01	0.00104	9.48	0.0244	3.32	0.00104	0.00104	0.00000522	0.00721	0.00113	0.00981	0.0182	0.00000522	15.1	0.0000203	0.000242	0.000212	0.0008
2043 Aug	48.4	0.0281	0.00936	0.00108	10.1	0.0303	3.59	0.00108	0.00108	0.00000539	0.00708	0.00117	0.0108	0.0181	0.00000539	15.4	0.0000171	0.000235	0.000192	0.000832
2043 Sep	48.3	0.0402	0.0083	0.00106	10.7	0.0349	3.85	0.00106	0.00106	0.00000531	0.00695	0.00115	0.0115	0.0175	0.00000531	15.3	0.0000143	0.000226	0.000167	0.000839
2043 Oct	49.3	0.0677	0.00703	0.00104	11.6	0.0387	4.33	0.00104	0.00104	0.00000518	0.00753	0.00113	0.0116	0.0173	0.00000518	15.5	0.0000146	0.000216	0.000153	0.000895
2043 Nov	49.9	0.0853	0.00621	0.00102	12.1	0.0411	4.64	0.00102	0.00102	0.0000051	0.00789	0.00112	0.0116	0.0172	0.0000051	15.6	0.0000147	0.000209	0.000143	0.00093

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	49.9	0.0853	0.00621	0.00102	12.1	0.0411	4.64	0.00102	0.00102	0.0000051	0.0079	0.00112	0.0116	0.0172	0.0000051	15.6	0.0000147	0.000209	0.000143	0.000931
2044 Jan	50.4	0.0855	0.00711	0.00104	12.2	0.0411	4.72	0.00102	0.00102	0.0000051	0.00789	0.00112	0.0116	0.0172	0.0000051	15.6	0.0000147	0.000209	0.000143	0.000931
2044 Feb	50.9	0.0856	0.00785	0.00105	12.3	0.0412	4.78	0.00102	0.00102	0.0000051	0.00789	0.00112	0.0117	0.0172	0.0000051	15.6	0.0000147	0.000209	0.000144	0.000932
2044 Mar	50.9	0.0857	0.00786	0.00105	12.3	0.0412	4.78	0.00102	0.00102	0.00000511	0.0079	0.00112	0.0117	0.0173	0.00000511	15.7	0.0000147	0.000209	0.000144	0.000933
2044 Apr	51	0.0859	0.00788	0.00105	12.4	0.0413	4.79	0.00102	0.00102	0.00000512	0.00792	0.00113	0.0117	0.0173	0.00000512	15.7	0.0000148	0.00021	0.000144	0.000936
2044 May	52.6	0.0873	0.00825	0.00107	12.7	0.0417	4.92	0.00104	0.00104	0.00000521	0.00805	0.00116	0.0119	0.018	0.00000521	16.3	0.0000151	0.000217	0.000154	0.000957
2044 Jun	280	0.123	0.403	0.00769	54.3	0.0374	35.6	0.000951	0.000951	0.00000486	0.00583	0.00125	0.0316	0.0127	0.00000502	15.8	0.0000191	0.000223	0.000172	0.00103
2044 Jul	245	0.104	0.346	0.00678	47.2	0.0367	30.8	0.00102	0.00102	0.0000052	0.00637	0.00123	0.0289	0.0125	0.00000534	14.9	0.0000202	0.00022	0.000154	0.000994
2044 Aug	232	0.101	0.32	0.0064	45	0.0399	29	0.00109	0.00109	0.00000551	0.00666	0.00129	0.0284	0.0136	0.00000564	15.6	0.0000193	0.000228	0.000157	0.00103
2044 Sep	125	0.0864	0.138	0.00327	25.9	0.0421	14.8	0.00103	0.00103	0.00000516	0.00678	0.00116	0.0191	0.0149	0.00000522	15.1	0.0000136	0.00021	0.000131	0.00093
2044 Oct	95.5	0.0961	0.0853	0.00236	20.7	0.043	10.9	0.00101	0.00101	0.00000507	0.00741	0.00113	0.0161	0.0157	0.0000051	15.3	0.0000141	0.000205	0.00013	0.000948
2044 Nov	90.7	0.0981	0.0765	0.00222	19.9	0.0433	10.3	0.00101	0.00101	0.00000507	0.00754	0.00113	0.0156	0.0159	0.0000051	15.4	0.0000142	0.000204	0.00013	0.000954
2044 Dec	90.7	0.0981	0.0765	0.00222	19.9	0.0433	10.3	0.00101	0.00101	0.00000507	0.00755	0.00113	0.0156	0.0159	0.0000051	15.4	0.0000142	0.000204	0.00013	0.000954
2045 Jan	90.7	0.0981	0.0765	0.00222	19.9	0.0433	10.3	0.00101	0.00101	0.00000507	0.00755	0.00113	0.0156	0.0159	0.0000051	15.4	0.0000142	0.000204	0.00013	0.000954
2045 Feb	90.7	0.0981	0.0765	0.00222	19.9	0.0433	10.3	0.00101	0.00101	0.00000507	0.00755	0.00113	0.0156	0.0159	0.0000051	15.4	0.0000142	0.000204	0.00013	0.000954
2045 Mar	90.8	0.0982	0.0766	0.00222	19.9	0.0433	10.3	0.00101	0.00101	0.00000507	0.00755	0.00113	0.0156	0.0159	0.0000051	15.4	0.0000142	0.000205	0.00013	0.000955
2045 Apr	91	0.0985	0.0768	0.00222	19.9	0.0434	10.3	0.00101	0.00101	0.00000509	0.00757	0.00114	0.0157	0.0159	0.00000512	15.5	0.0000143	0.000205	0.00013	0.000957
2045 May	92.6	0.1	0.0781	0.00226	20.3	0.0442	10.5	0.00103	0.00103	0.00000518	0.0077	0.00116	0.0159	0.0162	0.0000052	15.8	0.0000145	0.000209	0.000133	0.000974
2045 Jun	231	0.11	0.316	0.00622	45	0.0383	30.4	0.000971	0.000971	0.00000494	0.00636	0.00119	0.0285	0.0128	0.00000507	15.3	0.0000188	0.000218	0.000152	0.000993
2045 Jul	220	0.0907	0.3	0.00598	42.3	0.0362	28.8	0.00101	0.00101	0.00000515	0.00636	0.00119	0.0273	0.0125	0.00000527	14.7	0.0000195	0.000214	0.00015	0.000972
2045 Aug	192	0.083	0.251	0.00519	37.3	0.039	24.7	0.00105	0.00105	0.00000532	0.00643	0.00122	0.0252	0.0135	0.00000543	15	0.0000173	0.000214	0.000146	0.000975
2045 Sep	143	0.0814	0.168	0.00378	28.9	0.041	17.9	0.00104	0.00104	0.00000523	0.00664	0.00118	0.021	0.0144	0.0000053	15.1	0.0000147	0.00021	0.000135	0.000942
2045 Oct	135	0.0852	0.153	0.00353	27.5	0.0417	16.8	0.00104	0.00104	0.00000525	0.00688	0.00118	0.0202	0.0148	0.00000531	15.3	0.0000149	0.00021	0.000136	0.000955
2045 Nov	136	0.0855	0.153	0.00354	27.6	0.0418	16.8	0.00104	0.00104	0.00000526	0.0069	0.00118	0.0202	0.0149	0.00000533	15.3	0.0000149	0.000211	0.000136	0.000958
2045 Dec	136	0.0855	0.153	0.00354	27.6	0.0419	16.8	0.00105	0.00105	0.00000527	0.00691	0.00118	0.0203	0.0149	0.00000533	15.3	0.0000149	0.000211	0.000136	0.000958
2046 Jan	136	0.0855	0.153	0.00354	27.6	0.0419	16.8	0.00105	0.00105	0.00000527	0.00691	0.00118	0.0203	0.0149	0.00000533	15.3	0.0000149	0.000211	0.000136	0.000958
2046 Feb	136	0.0855	0.153	0.00354	27.6	0.0419	16.8	0.00105	0.00105	0.00000527	0.00691	0.00118	0.0203	0.0149	0.00000533	15.3	0.0000149	0.000211	0.000136	0.000959
2046 Mar	136	0.0856	0.154	0.00355	27.6	0.0419	16.9	0.00105	0.00105	0.00000527	0.00692	0.00119	0.0203	0.0149	0.00000534	15.3	0.000015	0.000212	0.000137	0.00096
2046 Apr	137	0.0861	0.155	0.00357	27.8	0.0422	17	0.00105	0.00105	0.0000053	0.00696	0.00119	0.0204	0.015	0.00000537	15.4	0.0000151	0.000213	0.000137	0.000965
2046 May	137	0.0871	0.153	0.00354	28	0.0421	16.9	0.00107	0.00107	0.00000539	0.00707	0.00124	0.0204	0.0162	0.00000545	16.3	0.0000155	0.000225	0.000158	0.000992
2046 Jun	235	0.104	0.313	0.00618	45.3	0.0373	31.6	0.000977	0.000977	0.00000497	0.00624	0.00122	0.0289	0.0138	0.00000511	16.3	0.0000191	0.00023	0.000176	0.00101
2046 Jul	202	0.0809	0.264	0.00538	38.6	0.0373	27.1	0.000995	0.000995	0.00000505	0.00598	0.00118	0.0254	0.0127	0.00000516	14.4	0.000017	0.000196	0.000146	0.000972
2046 Aug	170	0.0722	0.211	0.00451	33	0.0399	22.3	0.00104	0.00104	0.00000523	0.00606	0.0012	0.0229	0.0137	0.00000532	14.6	0.0000147	0.000196	0.000141	0.000968
2046 Sep	106	0.0764	0.104	0.00267	22.1	0.042	13.1	0.00101	0.00101	0.00000505	0.00654	0.00113	0.0174	0.0148	0.0000051	14.8	0.0000121	0.000196	0.000126	0.000915
2046 Oct	126	0.103	0.132	0.00313	26.2	0.0437	16.3	0.000984	0.000983	0.00000495	0.00707	0.00115	0.0191	0.0153	0.00000501	15.8	0.0000141	0.000202	0.000137	0.000987
2046 Nov	138	0.109	0.149	0.00342	28.4	0.0441	18.1	0.000982	0.000982	0.00000495	0.00709	0.00116	0.0202	0.0154	0.00000502	16	0.0000145	0.000204	0.000141	0.00101
2046 Dec	139	0.109	0.151	0.00346	28.7	0.0441	18.3	0.000982	0.000982	0.00000495	0.00708	0.00117	0.0203	0.0153	0.00000502	16.1	0.0000145	0.000205	0.000141	0.00101
2047 Jan	140	0.109	0.153	0.00348	28.8	0.0442	18.4	0.000982	0.000982	0.00000495	0.00708	0.00117	0.0204	0.0153	0.00000502	16.1	0.0000145	0.000205	0.000141	0.00101
2047 Feb	140	0.109	0.153	0.00349	28.9	0.0442	18.5	0.000982	0.000982	0.00000495	0.00708	0.00117	0.0204	0.0153	0.00000502	16.1	0.0000145	0.000205	0.000141	0.00101
2047 Mar	141	0.109	0.154	0.0035	28.9	0.0443	18.5	0.000985	0.000985	0.00000496	0.00709	0.00117	0.0205	0.0154	0.00000503	16.1	0.0000146	0.000205	0.000142	0.00101
2047 Apr	141	0.11	0.154	0.00351	29	0.0444	18.6	0.000987	0.000987	0.00000498	0.00711	0.00117	0.0206	0.0154	0.00000505	16.2	0.0000146	0.000206	0.000142	0.00102
2047 May	170	0.115	0.194	0.00417	34.4	0.0435	22.7	0.000992	0.000992	0.00000501	0.00694	0.00126	0.0229	0.0172	0.0000051	18	0.0000157	0.00023	0.000188	0.00107
2047 Jun	219	0.0901	0.279	0.00559	41.5	0.0335	30.2	0.000975	0.000975	0.00000495	0.0064	0.0012	0.0276	0.0146	0.00000508	16.6	0.0000209	0.000242	0.000196	0.000984
2047 Jul	163	0.0651	0.194	0.0042	30.7	0.0319	21.5	0.00104	0.00104	0.00000526	0.00697	0.00116	0.0225	0.0143	0.00000535	15	0.0000214	0.000232	0.00017	0.000916
2047 Aug	151	0.0639	0.172	0.00388	28.9	0.0353	19.7	0.00109	0.00109	0.00000547	0.00707	0.00121	0.0218	0.0151	0.00000555	15.5	0.0000197	0.000234	0.000167	0.00094
2047 Sep	107	0.0714	0.101	0.00264	21.6	0.039	13.2	0.00104	0.00104	0.00000525	0.00709	0.00115	0.0177	0.0155	0.00000529	15.3	0.0000157	0.000219	0.000144	0.000914
2047 Oct	81.8	0.0881	0.0586	0.00191	17.7	0.0411	9.59	0.00101	0.00101	0.00000508	0.00761	0.00112	0.0149	0.016	0.0000051	15.4	0.0000152	0.000208	0.000137	0.000935
2047 Nov	77.3	0.0914	0.0509	0.00178	17	0.0416	8.94	0.00101	0.00101	0.00000506	0.00772	0.00112	0.0144	0.0162	0.00000508	15.4	0.0000151	0.000207	0.000135	0.000942
2047 Dec	77.3	0.0915	0.0509	0.00178	17	0.0416	8.94	0.00101	0.00101	0.00000506	0.00773	0.00112	0.0144	0.0162	0.00000508	15.4	0.0000151	0.000207	0.000136	0.000942
2048 Jan	77.4	0.0915	0.0509	0.00178	17	0.0416	8.95	0.00101	0.00101	0.00000506	0.00773	0.00112	0.0145	0.0162	0.00000509	15.4	0.0000151	0.000207	0.000136	0.000942
2048 Feb	77.4	0.0915	0.051	0.00178	17	0.0417	8.95	0.00101	0.00101	0.00000507	0.00773	0.00112	0.0145	0.0162	0.00000509	15.4	0.0000152	0.000207	0.000136	0.000943
2048 Mar	77.4	0.0915	0.051	0.00178	17	0.0417	8.95	0.00101	0.00101	0.00000507	0.00773	0.00112	0.0145	0.0162	0.00000509	15.4	0.0000152	0.000207	0.000136	0.000943
2048 Apr	77.9	0.092	0.0512	0.00178	17.1	0.0418	9	0.00102	0.00102	0.00000509	0.00776	0.00113	0.0145	0.0164	0.00000511	15.6	0.0000152	0.000209	0.000138	0.000949
2048 May	79.5	0.0938	0.0522	0.00182	17.5	0.0426	9.18	0.00104	0.00104	0.00000519	0.00791	0.00115	0.0148	0.0168	0.00000521	15.9	0.0000155	0.000213	0.000142	0.000968
2048 Jun	192	0.0919	0.231	0.0048	36.3	0.0369	26.9	0.000982	0.000982	0.00000497	0.00673	0.00115	0.0257	0.0138	0.00000508	15.8	0.0000194	0.000224	0.000161	0.000973
2048 Jul	159	0.0604	0.185	0.00406	29.6	0.0344	21.8	0.00102	0.00102	0.00000514	0.00645	0.00113	0.0221	0.0132	0.00000523	14.1	0.0000183	0.000202	0.000145	0.000917
2048 Aug	109	0.0506	0.108	0.00275	21.4	0.0387	14	0.00103	0.00103	0.00000517	0.00611	0.00113	0.0178	0.0141	0.00000522	14	0.0000126	0.000192	0.000127	0.000879
2048 Sep	81.7	0.0615	0.0623	0.00197	17.2	0.0413	9.79	0.00102	0.00102	0.0000051	0.00646	0.00111	0.0155	0.0149	0.00000512	14.4	0.0000111	0.000196	0.000121	0.000872
2048 Oct	95.2	0.0843	0.0789	0.00224	20	0.0426	12.1	0.000998	0.000998	0.00000501	0.00699	0.00112	0.0166	0.0155	0.00000505	15.3	0.000013	0.0002	0.000131	0.000935
2048 Nov	99.7	0.0915	0.0843	0.00234	21	0.0432	12.9	0.000997	0.000997	0.00000501	0.00718	0.00113	0.017	0.0157	0.00000505	15.6	0.0000136	0.000202	0.000134	0.000958
2048 Dec	101	0.0917	0.0861	0.00237	21.2	0.0432	13.1	0.000997	0.000997	0.00000501	0.00718	0.00113	0.0171	0.0157	0.00000505	15.6	0.0000136	0.000203	0.000135	0.00096
2049 Jan	102	0.0919	0.0871	0.00238	21.3	0.0432	13.2	0.000997	0.000997	0.00000501	0.00717	0.00113	0.0172	0.0157	0.00000505	15.6	0.0000136	0.000203	0.000135	0.000961
2049 Feb	102	0.092	0.0876	0.00239	21.4	0.0432	13.2	0.000997	0.000997	0.00000501	0.00717	0.00113	0.0172	0.0157	0.00000505	15.7	0.0000137	0.000203	0.000135	0.000961
2049 Mar	102	0.0921	0.0879	0.0024	21.4	0.0433	13.3	0.000998	0.000998	0.00000501	0.00718	0.00114	0.0172	0.0157	0.00000506	15.7	0.0000137	0.000203	0.000135	0.000962
2049 Apr	103	0.0925	0.0883	0.00241	21.5	0.0435	13.3	0.001	0.001	0.00000504	0.00721	0.00114	0.0173	0.0158	0.00000508	15.7	0.0000137	0.000204	0.000136	0.000966
2049 May	104	0.0936	0.0884	0.00242	21.9	0.0437	13.4	0.00102	0.00102	0.00000513	0.00733	0.00118	0.0174	0.0167	0.00000517	16.5	0.0000142	0.000214	0.000151	0.000991
2049 Jun	219	0.0916	0.265	0.00535	40.6	0.0362	32	0.000962	0.000961	0.00000488	0.00636	0.00116	0.0287	0.0138	0.00000502	16.4	0.0000198	0.00023	0.000177	0.000996
2049 Jul	173	0.0653	0.201	0.00431	31.9	0.0351	24.7	0.001	0.001	0.00000507	0.00634	0.00113	0.0238	0.0132	0.00000517	14.6	0.0000184	0.000206	0.000151	0.000938
2049 Aug	163	0.0635	0.182	0.00405	30.3	0.0383	22.9	0.00107	0.00106	0.00000538	0.00656	0.0012	0.0232	0.0142	0.00000547	15.2	0.0000174	0.00021	0.000153	0.000978
2049 Sep	112	0.0754	0.104	0.00269	22.4	0.041	14.8	0.00103	0.00103	0.00000519	0.00699	0.00115	0.0183	0.0152	0.00000524	15.2	0.0000148	0.000205	0.000138	0.000948
2049 Oct	85.6	0.0902	0.0614	0.00196	18.2	0.0423	10.6	0.00101	0.00101	0.00000506	0.00755	0.00112	0.0153	0.0159	0.00000509	15.4	0.0000148	0.000201	0.000133	0.000957
2049 Nov	84	0.0927	0.0584	0.00191	18	0.0426	10.4	0.00101	0.00101	0.00000506	0.00764	0.00112	0.0152	0.016	0.00000509	15.5	0.0000148	0.000201	0.000134	0.000963
2049 Dec	86.6	0.0932	0.0622	0.00197	18.5	0.0427	10.8	0.00101	0.00101	0.00000506	0.00763	0.00113	0.0155	0.016	0.00000509	15.5	0.0000149	0.000202	0.000134	0.000966
2050 Jan	87.5	0.0933	0.0634	0.002	18.6	0.0427	11	0.00101	0.00101	0.00000506	0.00762	0.00113	0.0156	0.016	0.00000509	15.5	0.0000149	0.000202	0.000135	0.000967
2050 Feb	88	0.0934	0.0642	0.00201	18.7	0.0427	11.1	0.00101	0.00101	0.00000506	0.00762	0.00113	0.0156	0.016	0.00000509	15.5	0.0000149	0.000202	0.000135	0.000967
2050 Mar	88.3	0.0935	0.0646	0.00202	18.8	0.0427	11.1	0.00101	0.00101	0.00000506	0.00762	0.00113	0.0156	0.016	0.00000509	15.6	0.0000149	0.000202	0.000135	0.000968
2050 Apr	88.7	0.0938	0.065	0.00202	18.9	0.0428	11.2	0.00101	0.00101	0.00000508	0.00764	0.00113	0.0157	0.0161	0.00000511	15.6	0.000015	0.000203	0.000135	0.000971

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	90.1	0.0949	0.0653	0.00204	19.2	0.0432	11.3	0.00103	0.00103	0.00000516	0.00775	0.00116	0.0158	0.0167	0.00000519	16.1	0.0000153	0.00021	0.000145	0.00099
2050 Jun	186	0.0805	0.207	0.00437	34.4	0.0338	27	0.000971	0.00097	0.00000491	0.00659	0.00118	0.0252	0.0156	0.00000502	17.1	0.0000202	0.000243	0.000203	0.000979
2050 Jul	156	0.0576	0.173	0.00383	28.7	0.0356	22.7	0.000988	0.000987	0.00000499	0.00605	0.00112	0.0222	0.0132	0.00000508	14.2	0.0000165	0.000191	0.000146	0.000929
2050 Aug	130	0.0486	0.134	0.00321	24.3	0.0382	18.3	0.00103	0.00103	0.00000519	0.006	0.00116	0.0194	0.0139	0.00000526	14	0.000014	0.000179	0.000139	0.000942
2050 Sep	103	0.0598	0.0922	0.00249	20.4	0.0405	13.9	0.00102	0.00102	0.00000515	0.00642	0.00114	0.0172	0.0148	0.00000519	14.5	0.0000129	0.000187	0.000132	0.000928
2050 Oct	99.2	0.0656	0.0846	0.00237	19.9	0.0413	13.1	0.00103	0.00103	0.00000519	0.00669	0.00115	0.0168	0.0151	0.00000523	14.7	0.0000132	0.00019	0.000133	0.000943
2050 Nov	99.6	0.0659	0.0849	0.00238	20	0.0415	13.2	0.00104	0.00104	0.00000521	0.00671	0.00115	0.0169	0.0152	0.00000525	14.8	0.0000132	0.000191	0.000134	0.000947
2050 Dec	99.7	0.0659	0.0849	0.00238	20	0.0415	13.2	0.00104	0.00104	0.00000521	0.00672	0.00115	0.0169	0.0152	0.00000525	14.8	0.0000133	0.000191	0.000134	0.000947
2051 Jan	99.7	0.0659	0.0849	0.00238	20	0.0415	13.2	0.00104	0.00104	0.00000521	0.00672	0.00115	0.0169	0.0152	0.00000525	14.8	0.0000133	0.000191	0.000134	0.000948
2051 Feb	99.7	0.0659	0.085	0.00238	20	0.0415	13.2	0.00104	0.00104	0.00000521	0.00672	0.00115	0.0169	0.0152	0.00000525	14.8	0.0000133	0.000191	0.000134	0.000948
2051 Mar	99.8	0.066	0.085	0.00239	20	0.0415	13.2	0.00104	0.00104	0.00000521	0.00672	0.00115	0.0169	0.0152	0.00000526	14.8	0.0000133	0.000191	0.000134	0.000948
2051 Apr	100	0.0663	0.0854	0.0024	20.1	0.0417	13.3	0.00104	0.00104	0.00000524	0.00676	0.00116	0.017	0.0153	0.00000528	14.9	0.0000133	0.000192	0.000134	0.000953
2051 May	106	0.0689	0.0898	0.00246	21.4	0.041	14	0.00106	0.00105	0.0000053	0.00684	0.00123	0.0173	0.0173	0.00000534	16.5	0.0000142	0.000214	0.000173	0.000994
2051 Jun	224	0.0849	0.255	0.00518	40.4	0.0355	35.3	0.000954	0.000952	0.00000485	0.00631	0.00116	0.0308	0.0142	0.00000499	17.4	0.0000208	0.000241	0.000196	0.00102
2051 Jul	188	0.0688	0.206	0.00442	33.8	0.0357	29	0.00102	0.00102	0.00000515	0.00665	0.00115	0.0271	0.0136	0.00000526	15.8	0.0000204	0.000225	0.000166	0.000978
2051 Aug	116	0.0534	0.107	0.00274	22.2	0.0397	16.5	0.00102	0.00102	0.00000514	0.00613	0.00113	0.0196	0.0143	0.00000519	14.8	0.0000128	0.000201	0.000135	0.000897
2051 Sep	127	0.0768	0.117	0.0029	24.7	0.042	18.6	0.000998	0.000997	0.00000502	0.00654	0.00114	0.0209	0.015	0.00000509	15.9	0.0000136	0.000209	0.000143	0.000953
2051 Oct	188	0.112	0.195	0.00419	35.3	0.0437	29.7	0.000963	0.00096	0.00000487	0.00701	0.00118	0.0273	0.0154	0.00000498	17.9	0.0000176	0.000225	0.000173	0.00109
2051 Nov	184	0.112	0.189	0.00409	34.7	0.0439	29	0.000967	0.000965	0.00000489	0.0071	0.00118	0.0269	0.0155	0.000005	17.9	0.0000176	0.000225	0.000172	0.00109
2051 Dec	185	0.113	0.19	0.00411	34.8	0.0439	29.2	0.000967	0.000965	0.0000049	0.00709	0.00118	0.027	0.0155	0.000005	17.9	0.0000177	0.000225	0.000172	0.00109
2052 Jan	186	0.113	0.191	0.00413	34.9	0.0439	29.3	0.000967	0.000965	0.0000049	0.00709	0.00118	0.0271	0.0155	0.000005	18	0.0000177	0.000225	0.000172	0.00109
2052 Feb	186	0.113	0.191	0.00413	35	0.0439	29.3	0.000967	0.000965	0.0000049	0.00709	0.00118	0.0271	0.0155	0.000005	18	0.0000177	0.000225	0.000173	0.00109
2052 Mar	186	0.113	0.191	0.00414	35	0.044	29.4	0.000969	0.000966	0.0000049	0.0071	0.00118	0.0271	0.0155	0.00000501	18	0.0000177	0.000225	0.000173	0.00109
2052 Apr	187	0.113	0.192	0.00415	35.1	0.0441	29.4	0.000971	0.000969	0.00000492	0.00712	0.00119	0.0272	0.0156	0.00000502	18	0.0000178	0.000226	0.000173	0.00109
2052 May	165	0.103	0.153	0.00342	32.1	0.0383	24.4	0.000986	0.000984	0.00000498	0.00704	0.00136	0.0229	0.0223	0.00000506	22.2	0.0000188	0.000285	0.000296	0.00114
2052 Jun	196	0.0772	0.204	0.00432	35.4	0.0335	30.4	0.000977	0.000974	0.00000495	0.00655	0.00122	0.0274	0.0171	0.00000506	18.8	0.0000212	0.000263	0.000238	0.00103
2052 Jul	130	0.0467	0.125	0.00304	23.8	0.0366	19.5	0.00101	0.001	0.00000507	0.00596	0.00114	0.0198	0.0144	0.00000513	14.6	0.0000148	0.000186	0.000156	0.000947
2052 Aug	105	0.0426	0.0911	0.00248	19.9	0.0395	15	0.00103	0.00103	0.00000516	0.00585	0.00115	0.0175	0.0148	0.00000521	14.4	0.0000118	0.000179	0.000141	0.00093
2052 Sep	88.1	0.0598	0.0645	0.00202	17.8	0.0416	11.9	0.00102	0.00102	0.0000051	0.00639	0.00113	0.0161	0.0154	0.00000513	14.8	0.0000115	0.000189	0.000134	0.000922
2052 Oct	93.2	0.0757	0.0683	0.00208	19	0.0426	12.9	0.00101	0.00101	0.00000507	0.00688	0.00114	0.0167	0.0158	0.00000511	15.5	0.0000129	0.000196	0.000138	0.000958
2052 Nov	93.6	0.0761	0.0686	0.00209	19.1	0.0428	12.9	0.00101	0.00101	0.00000509	0.00691	0.00114	0.0168	0.0158	0.00000513	15.5	0.000013	0.000197	0.000139	0.000962
2052 Dec	93.7	0.0762	0.0687	0.00209	19.1	0.0428	12.9	0.00101	0.00101	0.00000509	0.00691	0.00114	0.0168	0.0158	0.00000513	15.5	0.000013	0.000197	0.000139	0.000962
2053 Jan	93.7	0.0762	0.0687	0.00209	19.1	0.0428	12.9	0.00101	0.00101	0.00000509	0.00691	0.00114	0.0168	0.0158	0.00000513	15.5	0.000013	0.000197	0.000139	0.000962
2053 Feb	93.7	0.0762	0.0687	0.00209	19.1	0.0428	13	0.00102	0.00101	0.0000051	0.00691	0.00114	0.0168	0.0158	0.00000513	15.6	0.000013	0.000197	0.000139	0.000963
2053 Mar	93.9	0.0763	0.0688	0.00209	19.1	0.0429	13	0.00102	0.00102	0.0000051	0.00693	0.00115	0.0168	0.0159	0.00000514	15.6	0.000013	0.000197	0.000139	0.000964
2053 Apr	94.4	0.0767	0.0692	0.0021	19.2	0.0431	13	0.00102	0.00102	0.00000513	0.00696	0.00115	0.0169	0.0159	0.00000517	15.7	0.0000131	0.000198	0.00014	0.00097
2053 May	138	0.0823	0.113	0.00275	27.1	0.037	20	0.00101	0.001	0.00000507	0.00673	0.00138	0.0201	0.0233	0.00000513	22.1	0.0000172	0.000285	0.000306	0.00111
2053 Jun	216	0.0799	0.226	0.00467	38	0.0358	36.3	0.00095	0.000946	0.00000482	0.00633	0.00117	0.0315	0.0152	0.00000496	18.5	0.0000209	0.00025	0.000214	0.00104
2053 Jul	185	0.0662	0.188	0.00411	32.4	0.0355	30.5	0.00102	0.00101	0.00000514	0.00681	0.00114	0.0284	0.014	0.00000525	16.6	0.0000215	0.000237	0.000177	0.000991
2053 Aug	167	0.0638	0.163	0.00372	29.8	0.0386	26.9	0.00106	0.00106	0.00000537	0.00689	0.00119	0.0266	0.0149	0.00000547	16.8	0.0000194	0.000236	0.000172	0.001
2053 Sep	163	0.0659	0.155	0.00362	29.3	0.0405	25.9	0.0011	0.00109	0.00000554	0.00709	0.00122	0.0264	0.0155	0.00000563	17.3	0.000019	0.000242	0.000172	0.00102
2053 Oct	156	0.0699	0.145	0.00345	28.3	0.0412	24.6	0.0011	0.0011	0.00000554	0.00725	0.00122	0.0255	0.0157	0.00000562	17.3	0.0000189	0.000241	0.00017	0.00103
2053 Nov	148	0.0729	0.135	0.00328	27.2	0.0414	23.2	0.00109	0.00109	0.0000055	0.00734	0.00121	0.0245	0.0158	0.00000558	17.2	0.0000186	0.000238	0.000167	0.00103
2053 Dec	148	0.0729	0.135	0.00328	27.2	0.0414	23.2	0.00109	0.00109	0.0000055	0.00734	0.00121	0.0245	0.0158	0.00000558	17.2	0.0000186	0.000238	0.000167	0.00103
2054 Jan	148	0.0729	0.135	0.00328	27.2	0.0414	23.2	0.00109	0.00109	0.0000055	0.00734	0.00121	0.0245	0.0158	0.00000558	17.2	0.0000186	0.000238	0.000167	0.00103
2054 Feb	148	0.073	0.135	0.00328	27.2	0.0415	23.2	0.00109	0.00109	0.0000055	0.00734	0.00121	0.0245	0.0158	0.00000558	17.2	0.0000186	0.000238	0.000167	0.00103
2054 Mar	148	0.073	0.135	0.00328	27.2	0.0415	23.2	0.00109	0.00109	0.0000055	0.00734	0.00121	0.0245	0.0158	0.00000558	17.2	0.0000186	0.000238	0.000168	0.00103
2054 Apr	149	0.0733	0.136	0.0033	27.3	0.0416	23.3	0.0011	0.00109	0.00000553	0.00738	0.00122	0.0246	0.0159	0.00000561	17.3	0.0000187	0.000239	0.000168	0.00103
2054 May	141	0.0735	0.119	0.00296	26.7	0.0385	20.9	0.00109	0.00109	0.00000551	0.00735	0.00134	0.0223	0.0205	0.00000557	20.2	0.0000194	0.000277	0.000251	0.00108
2054 Jun	162	0.0614	0.152	0.00341	28.5	0.0312	26.5	0.000962	0.000959	0.00000486	0.00661	0.00115	0.0251	0.0164	0.00000495	17.8	0.0000213	0.000255	0.000223	0.00096
2054 Jul	129	0.0443	0.118	0.0029	22.7	0.0344	21	0.000995	0.000993	0.00000501	0.00631	0.00109	0.0215	0.0136	0.00000509	14.5	0.0000174	0.000199	0.000151	0.000912
2054 Aug	102	0.0452	0.0807	0.00228	19.1	0.0387	15.5	0.00101	0.001	0.00000506	0.00605	0.0011	0.0187	0.0143	0.00000511	14.6	0.0000127	0.000196	0.000135	0.000884
2054 Sep	92.2	0.0566	0.0656	0.00202	18.2	0.0416	13.5	0.00101	0.00101	0.00000507	0.00625	0.00111	0.0181	0.015	0.00000511	15.2	0.0000113	0.000203	0.000131	0.00089
2054 Oct	105	0.0779	0.0788	0.00224	20.7	0.0427	16.2	0.000992	0.000991	0.00000499	0.00682	0.00112	0.0194	0.0155	0.00000504	16.1	0.0000135	0.000208	0.000142	0.000956
2054 Nov	123	0.0858	0.0991	0.00258	23.5	0.0432	19.7	0.000986	0.000983	0.00000496	0.00693	0.00114	0.0216	0.0156	0.00000502	16.8	0.0000147	0.000214	0.000152	0.000995
2054 Dec	127	0.0862	0.104	0.00266	24.1	0.0433	20.5	0.000985	0.000983	0.00000496	0.00692	0.00114	0.0221	0.0156	0.00000503	16.9	0.0000148	0.000215	0.000154	0.001
2055 Jan	128	0.0864	0.106	0.0027	24.4	0.0433	20.9	0.000985	0.000983	0.00000496	0.00691	0.00114	0.0223	0.0156	0.00000503	16.9	0.0000149	0.000216	0.000154	0.001
2055 Feb	129	0.0865	0.107	0.00271	24.5	0.0433	21	0.000985	0.000983	0.00000496	0.00691	0.00114	0.0224	0.0156	0.00000503	16.9	0.0000149	0.000216	0.000155	0.001
2055 Mar	129	0.0866	0.107	0.00272	24.5	0.0433	21.1	0.000985	0.000983	0.00000496	0.00691	0.00114	0.0224	0.0156	0.00000503	17	0.0000149	0.000216	0.000155	0.00101
2055 Apr	130	0.0869	0.108	0.00273	24.6	0.0435	21.2	0.000989	0.000987	0.00000498	0.00694	0.00115	0.0225	0.0157	0.00000505	17	0.000015	0.000217	0.000156	0.00101
2055 May	132	0.0883	0.109	0.00277	25	0.0442	21.5	0.001	0.001	0.00000506	0.00705	0.00116	0.0229	0.016	0.00000513	17.3	0.0000152	0.000221	0.000158	0.00103
2055 Jun	185	0.0686	0.177	0.00389	31.7	0.0357	32.4	0.000962	0.000957	0.00000487	0.00657	0.0011	0.0295	0.0138	0.00000499	17	0.0000207	0.000235	0.000178	0.000986
2055 Jul	155	0.053	0.142	0.00333	26.6	0.035	26.3	0.00101	0.00101	0.00000511	0.00666	0.00111	0.0254	0.0139	0.0000052	15.8	0.0000199	0.000222	0.000167	0.000957
2055 Aug	132	0.0478	0.114	0.00289	23.3	0.0378	21.7	0.00105	0.00105	0.00000528	0.00655	0.00115	0.0226	0.0146	0.00000535	15.5	0.000017	0.00021	0.000157	0.000962
2055 Sep	101	0.0568	0.0733	0.00218	19.1	0.0404	15.2	0.00103	0.00103	0.00000519	0.00663	0.00113	0.0189	0.0151	0.00000524	15.4	0.0000139	0.000207	0.00014	0.000923
2055 Oct	95	0.0641	0.0652	0.00205	18.4	0.0412	14	0.00104	0.00103	0.0000052	0.00691	0.00113	0.0181	0.0155	0.00000524	15.5	0.0000141	0.000207	0.000139	0.000936
2055 Nov	93.8	0.0659	0.0633	0.00202	18.3	0.0414	13.8	0.00104	0.00104	0.00000521	0.00698	0.00113	0.0179	0.0155	0.00000524	15.6	0.0000142	0.000208	0.000139	0.000941
2055 Dec	93.7	0.066	0.0632	0.00202	18.3	0.0415	13.8	0.00104	0.00104	0.00000521	0.00698	0.00113	0.0179	0.0156	0.00000524	15.6	0.0000142	0.000208	0.00014	0.000941
2056 Jan	93.8	0.066	0.0632	0.00202	18.3	0.0415	13.8	0.00104	0.00104	0.00000521	0.00698	0.00113	0.0179	0.0156	0.00000525	15.6	0.0000142	0.000208	0.00014	0.000941
2056 Feb	93.8	0.066	0.0632	0.00202	18.3	0.0415	13.8	0.00104	0.00104	0.00000521	0.00699	0.00113	0.0179	0.0156	0.00000525	15.6	0.0000142	0.000208	0.00014	0.000941
2056 Mar	93.8	0.0661	0.0633	0.00202	18.3	0.0415	13.8	0.00104	0.00104	0.00000521	0.00699	0.00114	0.018	0.0156	0.00000525	15.6	0.0000142	0.000208	0.00014	0.000942
2056 Apr	94.2	0.0663	0.0636	0.00203	18.4	0.0417	13.8	0.00104	0.00104	0.00000523	0.00702	0.00114	0.018	0.0156	0.00000527	15.6	0.0000143	0.000209	0.00014	0.000946
2056 May	112	0.0704	0.0764	0.00218	21.9	0.0377	16.3	0.00103	0.00103	0.0000052	0.00692	0.0013	0.0185	0.0211	0.00000524	20	0.0000165	0.000266	0.000255	0.00104
2056 Jun	175	0.0639	0.157	0.00352	30	0.0328	29.8	0.000968	0.000962	0.00000489	0.00658	0.00116	0.0272	0.0166	0.00000499	18.5	0.0000214	0.000259	0.000229	0.001
2056 Jul	142	0.0493	0.121	0.00299	24.4	0.0341	23.4	0.00103	0.00102	0.00000518	0.00675	0.00114	0.0234	0.0152	0.00000526	16.3	0.0000199	0.00023	0.000184	0.000959
2056 Aug	103	0.0426	0.0767	0.00224	18.9	0.0381	15.8	0.00104	0.00104	0.00000523	0.00631	0.00114	0.0188	0.0153	0.00000528	15.2	0.0000142	0.000205	0.000154	0.00092
2056 Sep	96.2	0.0511	0.0659	0.00208	18.2	0.0402	14.2	0.00106	0.00106	0.00000532	0.00665	0.00116	0.0181	0.0158	0.00000536	15.6	0.0000139	0.000209	0.000151	0.000939

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	80.4	0.0707	0.0452	0.0017	16.3	0.0414	11.1	0.00103	0.00103	0.00000516	0.00718	0.00113	0.0158	0.0161	0.00000519	15.5	0.0000141	0.000204	0.000143	0.000946
2056 Nov	77.2	0.0751	0.0409	0.00163	15.9	0.0417	10.4	0.00103	0.00102	0.00000514	0.00732	0.00113	0.0153	0.0162	0.00000516	15.6	0.0000142	0.000203	0.000141	0.00095
2056 Dec	77.3	0.0752	0.0409	0.00163	15.9	0.0417	10.4	0.00103	0.00102	0.00000514	0.00732	0.00113	0.0154	0.0162	0.00000517	15.6	0.0000142	0.000203	0.000141	0.000951
2057 Jan	77.3	0.0752	0.0409	0.00163	15.9	0.0417	10.5	0.00103	0.00102	0.00000514	0.00733	0.00113	0.0154	0.0162	0.00000517	15.6	0.0000142	0.000204	0.000141	0.000951
2057 Feb	77.3	0.0752	0.0409	0.00163	15.9	0.0418	10.5	0.00103	0.00102	0.00000514	0.00733	0.00113	0.0154	0.0162	0.00000517	15.6	0.0000142	0.000204	0.000141	0.000951
2057 Mar	77.4	0.0753	0.041	0.00163	16	0.0418	10.5	0.00103	0.00103	0.00000515	0.00734	0.00113	0.0154	0.0163	0.00000517	15.6	0.0000143	0.000204	0.000141	0.000952
2057 Apr	77.7	0.0756	0.0411	0.00164	16	0.042	10.5	0.00103	0.00103	0.00000517	0.00737	0.00114	0.0154	0.0163	0.0000052	15.7	0.0000143	0.000205	0.000142	0.000956
2057 May	80.5	0.0761	0.0396	0.00159	16.9	0.04	10.3	0.00105	0.00104	0.00000524	0.00741	0.00124	0.0149	0.0197	0.00000526	18.1	0.0000154	0.000238	0.000206	0.00101
2057 Jun	169	0.0588	0.149	0.00341	28.3	0.0329	29.6	0.000966	0.00096	0.00000489	0.00662	0.0011	0.0275	0.0147	0.00000498	17.1	0.0000214	0.000244	0.000195	0.000961
2057 Jul	131	0.0434	0.107	0.00275	21.9	0.0325	21.7	0.00102	0.00102	0.00000514	0.00684	0.00108	0.0225	0.0139	0.0000052	15.1	0.0000204	0.000221	0.000161	0.000905
2057 Aug	129	0.0444	0.102	0.00273	21.9	0.0362	20.9	0.00109	0.00109	0.00000551	0.00714	0.00116	0.0226	0.015	0.00000557	15.8	0.0000199	0.000228	0.000165	0.000962
2057 Sep	118	0.0507	0.0882	0.0025	20.7	0.0383	18.6	0.0011	0.0011	0.00000553	0.00725	0.00117	0.0214	0.0155	0.00000559	16	0.0000186	0.000228	0.00016	0.000966
2057 Oct	104	0.0627	0.0717	0.0022	19.2	0.0395	16	0.00108	0.00108	0.00000542	0.00748	0.00116	0.0194	0.0158	0.00000546	16	0.0000178	0.000222	0.000154	0.000969
2057 Nov	103	0.0645	0.0696	0.00216	19	0.0398	15.6	0.00108	0.00108	0.00000542	0.00753	0.00116	0.0192	0.0159	0.00000546	16	0.0000178	0.000222	0.000153	0.000972
2057 Dec	103	0.0645	0.0696	0.00216	19	0.0398	15.6	0.00108	0.00108	0.00000542	0.00754	0.00116	0.0192	0.0159	0.00000546	16	0.0000178	0.000222	0.000153	0.000972
2058 Jan	103	0.0645	0.0696	0.00216	19	0.0398	15.6	0.00108	0.00108	0.00000542	0.00754	0.00116	0.0192	0.0159	0.00000546	16	0.0000178	0.000222	0.000153	0.000972
2058 Feb	103	0.0645	0.0696	0.00216	19	0.0398	15.6	0.00108	0.00108	0.00000542	0.00754	0.00116	0.0192	0.0159	0.00000546	16	0.0000178	0.000222	0.000153	0.000972
2058 Mar	103	0.0645	0.0697	0.00217	19	0.0398	15.6	0.00108	0.00108	0.00000542	0.00754	0.00116	0.0192	0.0159	0.00000546	16	0.0000178	0.000222	0.000153	0.000973
2058 Apr	103	0.0647	0.0699	0.00217	19.1	0.0399	15.7	0.00108	0.00108	0.00000544	0.00756	0.00116	0.0193	0.0159	0.00000548	16.1	0.0000178	0.000223	0.000154	0.000975
2058 May	123	0.0693	0.0846	0.00236	22.7	0.0377	19.3	0.00107	0.00106	0.00000535	0.00734	0.0013	0.0208	0.0204	0.00000541	19.9	0.0000191	0.000269	0.000249	0.00107
2058 Jun	188	0.065	0.158	0.00355	30.9	0.0353	35.7	0.000957	0.000949	0.00000484	0.00649	0.00117	0.0314	0.0165	0.00000496	19.7	0.0000216	0.000265	0.000236	0.00106
2058 Jul	168	0.0556	0.138	0.00327	27.4	0.0359	31.2	0.00102	0.00101	0.00000515	0.00685	0.00115	0.0291	0.0153	0.00000525	17.9	0.0000216	0.000249	0.0002	0.00102
2058 Aug	149	0.0516	0.117	0.00295	24.8	0.0385	26.9	0.00106	0.00105	0.00000534	0.0068	0.00119	0.0264	0.0158	0.00000543	17.6	0.0000191	0.000238	0.000188	0.00103
2058 Sep	115	0.0675	0.079	0.00229	20.7	0.0407	19.4	0.00104	0.00104	0.00000523	0.00718	0.00116	0.0215	0.0161	0.00000529	16.9	0.000017	0.000225	0.000166	0.000999
2058 Oct	96.1	0.0806	0.057	0.00191	18.4	0.0419	15.2	0.00103	0.00102	0.00000516	0.00756	0.00114	0.0186	0.0164	0.0000052	16.6	0.0000164	0.000217	0.000155	0.000995
2058 Nov	94.6	0.0821	0.0551	0.00188	18.2	0.0422	14.8	0.00103	0.00103	0.00000516	0.00762	0.00115	0.0184	0.0165	0.0000052	16.6	0.0000164	0.000217	0.000155	0.000997
2058 Dec	94.6	0.0822	0.0551	0.00188	18.2	0.0422	14.8	0.00103	0.00103	0.00000517	0.00762	0.00115	0.0184	0.0165	0.0000052	16.6	0.0000164	0.000217	0.000155	0.000997
2059 Jan	94.6	0.0822	0.0551	0.00188	18.2	0.0422	14.8	0.00103	0.00103	0.00000517	0.00762	0.00115	0.0184	0.0165	0.0000052	16.6	0.0000164	0.000217	0.000155	0.000997
2059 Feb	94.6	0.0822	0.0551	0.00188	18.2	0.0422	14.8	0.00103	0.00103	0.00000517	0.00762	0.00115	0.0184	0.0165	0.0000052	16.6	0.0000164	0.000217	0.000155	0.000998
2059 Mar	94.6	0.0822	0.0551	0.00188	18.2	0.0422	14.8	0.00103	0.00103	0.00000517	0.00762	0.00115	0.0184	0.0165	0.00000521	16.6	0.0000164	0.000217	0.000155	0.000998
2059 Apr	95	0.0824	0.0553	0.00188	18.3	0.0423	14.9	0.00103	0.00103	0.00000518	0.00765	0.00115	0.0184	0.0166	0.00000522	16.7	0.0000164	0.000218	0.000155	0.001
2059 May	103	0.0811	0.0583	0.00188	20.2	0.0388	15.5	0.00103	0.00103	0.00000519	0.00748	0.00129	0.018	0.0214	0.00000523	20.3	0.0000178	0.000267	0.000253	0.00107
2059 Jun	152	0.0592	0.112	0.00273	25.8	0.0316	27	0.000991	0.000984	0.00000499	0.00681	0.00127	0.0253	0.0207	0.00000508	21.4	0.0000221	0.000296	0.000297	0.00106
2059 Jul	141	0.0533	0.101	0.00263	23.9	0.0326	24.5	0.00107	0.00106	0.00000537	0.00736	0.00128	0.0244	0.02	0.00000545	20.4	0.0000232	0.000291	0.000271	0.00105
2059 Aug	140	0.0539	0.0975	0.00262	23.9	0.0353	23.9	0.00112	0.00112	0.00000564	0.00758	0.00134	0.0245	0.0206	0.00000572	20.8	0.0000228	0.000295	0.000271	0.00109
2059 Sep	116	0.0665	0.073	0.0022	21	0.0383	18.9	0.0011	0.0011	0.00000552	0.00773	0.00128	0.0213	0.0197	0.00000558	19.6	0.0000202	0.000272	0.000233	0.00106
2059 Oct	76	0.0966	0.032	0.00145	16	0.0422	10.7	0.001	0.001	0.00000502	0.00801	0.00114	0.0153	0.0175	0.00000504	16.8	0.0000163	0.000218	0.00016	0.000997
2059 Nov	83.7	0.0988	0.0397	0.00158	17.1	0.0428	12.6	0.000998	0.000996	0.000005	0.00798	0.00114	0.0166	0.0174	0.00000503	17.1	0.0000165	0.000219	0.000162	0.00101
2059 Dec	85.4	0.0987	0.0414	0.00161	17.3	0.0429	13	0.000998	0.000996	0.000005	0.00797	0.00114	0.0168	0.0174	0.00000503	17.2	0.0000165	0.00022	0.000163	0.00102
2060 Jan	85.9	0.0987	0.0419	0.00162	17.4	0.0429	13.2	0.000998	0.000996	0.000005	0.00797	0.00114	0.0169	0.0174	0.00000504	17.2	0.0000165	0.00022	0.000163	0.00102
2060 Feb	86.2	0.0987	0.0422	0.00162	17.5	0.0429	13.2	0.000998	0.000996	0.000005	0.00797	0.00114	0.017	0.0174	0.00000504	17.2	0.0000166	0.00022	0.000163	0.00102
2060 Mar	86.3	0.0987	0.0423	0.00163	17.5	0.0429	13.2	0.000999	0.000996	0.00000501	0.00797	0.00114	0.017	0.0174	0.00000504	17.2	0.0000166	0.000221	0.000163	0.00102
2060 Apr	86.7	0.0992	0.0425	0.00163	17.6	0.0431	13.3	0.001	0.001	0.00000503	0.00801	0.00115	0.0171	0.0175	0.00000506	17.3	0.0000166	0.000222	0.000164	0.00102
2060 May	121	0.087	0.0691	0.00198	23.3	0.0357	19.1	0.001	0.000996	0.00000502	0.00728	0.00142	0.0194	0.026	0.00000507	24.3	0.0000194	0.000315	0.000354	0.00116
2060 Jun	184	0.0638	0.143	0.0033	29.7	0.0356	36.1	0.000975	0.000966	0.00000493	0.00665	0.00122	0.0318	0.0182	0.00000505	21.1	0.0000222	0.000283	0.000264	0.0011
2060 Jul	172	0.0573	0.132	0.00319	27.5	0.0368	33.3	0.00105	0.00104	0.00000531	0.00719	0.00122	0.0307	0.0171	0.00000542	19.8	0.0000231	0.000274	0.000232	0.00108
2060 Aug	132	0.0524	0.0918	0.00251	22.3	0.0397	24	0.00105	0.00105	0.0000053	0.00674	0.0012	0.0251	0.0167	0.00000538	18.1	0.0000173	0.000247	0.000191	0.00101
2060 Sep	103	0.0718	0.0607	0.00194	19.2	0.0433	17.6	0.000994	0.00099	0.00000499	0.00667	0.00114	0.0209	0.0163	0.00000504	17.2	0.0000129	0.000225	0.000157	0.000961
2060 Oct	113	0.0878	0.0688	0.00207	20.8	0.044	20.1	0.000986	0.000981	0.00000495	0.00721	0.00115	0.022	0.0168	0.00000501	18	0.0000153	0.000228	0.000169	0.00103
2060 Nov	121	0.0912	0.0755	0.00219	21.8	0.0442	21.9	0.000983	0.000978	0.00000494	0.00729	0.00116	0.023	0.017	0.00000501	18.4	0.000016	0.000231	0.000176	0.00105
2060 Dec	123	0.0912	0.0774	0.00222	22.1	0.0442	22.4	0.000983	0.000978	0.00000494	0.00728	0.00116	0.0234	0.017	0.00000501	18.5	0.0000161	0.000232	0.000178	0.00105
2061 Jan	124	0.0912	0.0784	0.00224	22.2	0.0442	22.6	0.000983	0.000978	0.00000494	0.00728	0.00116	0.0235	0.017	0.00000501	18.5	0.0000162	0.000233	0.000178	0.00106
2061 Feb	124	0.0912	0.0789	0.00224	22.3	0.0442	22.7	0.000983	0.000978	0.00000494	0.00728	0.00116	0.0236	0.017	0.00000501	18.5	0.0000162	0.000233	0.000179	0.00106
2061 Mar	124	0.0912	0.0791	0.00225	22.3	0.0443	22.8	0.000984	0.000978	0.00000494	0.00728	0.00116	0.0236	0.017	0.00000501	18.5	0.0000162	0.000233	0.000179	0.00106
2061 Apr	125	0.0916	0.0796	0.00226	22.4	0.0445	22.9	0.000988	0.000983	0.00000497	0.00731	0.00117	0.0238	0.0171	0.00000504	18.6	0.0000163	0.000235	0.00018	0.00106
2061 May	151	0.0858	0.0988	0.00253	26.5	0.0398	27.8	0.000992	0.000985	0.00000499	0.007	0.00135	0.026	0.0227	0.00000508	23.4	0.0000189	0.000297	0.000305	0.00117
2061 Jun	180	0.0601	0.133	0.00315	28.1	0.0359	36.2	0.000977	0.000966	0.00000493	0.00669	0.00119	0.0321	0.0173	0.00000505	20.5	0.0000222	0.000277	0.000247	0.00108
2061 Jul	153	0.0498	0.108	0.0028	24.2	0.0366	29.7	0.00105	0.00104	0.0000053	0.00704	0.0012	0.0282	0.0167	0.0000054	18.8	0.0000217	0.000259	0.000216	0.00105
2061 Aug	145	0.0485	0.0996	0.0027	23.3	0.0392	27.6	0.0011	0.0011	0.00000555	0.00716	0.00125	0.0271	0.0173	0.00000564	18.9	0.0000205	0.000255	0.000212	0.00108
2061 Sep	128	0.0547	0.0826	0.0024	21.4	0.0408	23.5	0.0011	0.00109	0.00000552	0.00722	0.00124	0.0246	0.0172	0.00000559	18.4	0.0000186	0.000248	0.000195	0.00105
2061 Oct	88.3	0.0816	0.0434	0.00168	16.9	0.042	14.1	0.00103	0.00103	0.00000516	0.00769	0.00115	0.0179	0.0169	0.00000519	16.8	0.0000165	0.00022	0.00016	0.001
2061 Nov	79.5	0.0882	0.0346	0.00151	15.9	0.0424	12	0.00102	0.00101	0.00000509	0.00783	0.00113	0.0164	0.0168	0.00000511	16.5	0.0000161	0.000214	0.000152	0.000992
2061 Dec	81.1	0.0882	0.036	0.00154	16.2	0.0425	12.4	0.00102	0.00101	0.00000509	0.00782	0.00114	0.0166	0.0169	0.00000512	16.6	0.0000161	0.000215	0.000154	0.000996
2062 Jan	81.9	0.0882	0.0367	0.00155	16.3	0.0425	12.6	0.00102	0.00101	0.00000509	0.00781	0.00114	0.0168	0.0169	0.00000512	16.6	0.0000162	0.000215	0.000154	0.000997
2062 Feb	82.1	0.0882	0.0369	0.00155	16.3	0.0425	12.7	0.00102	0.00101	0.00000509	0.00781	0.00114	0.0168	0.0169	0.00000512	16.6	0.0000162	0.000216	0.000154	0.000998
2062 Mar	82.3	0.0883	0.0371	0.00156	16.3	0.0426	12.7	0.00102	0.00101	0.0000051	0.00782	0.00114	0.0168	0.0169	0.00000512	16.7	0.0000162	0.000216	0.000155	0.001
2062 Apr	82.7	0.0888	0.0373	0.00157	16.4	0.0428	12.8	0.00102	0.00102	0.00000512	0.00786	0.00114	0.0169	0.017	0.00000515	16.8	0.0000163	0.000217	0.000156	0.001
2062 May	83.9	0.09	0.0378	0.00159	16.6	0.0434	13	0.00104	0.00103	0.00000519	0.00797	0.00116	0.0172	0.0172	0.00000522	17	0.0000165	0.00022	0.000158	0.00102
2062 Jun	145	0.0597	0.0974	0.00256	23	0.036	28.4	0.000989	0.000979	0.00000497	0.00701	0.00113	0.0272	0.0161	0.00000506	18.4	0.000021	0.000253	0.000205	0.00101
2062 Jul	130	0.0412	0.0853	0.00238	20.3	0.0346	24.8	0.00102	0.00101	0.00000513	0.00676	0.00113	0.0246	0.0155	0.00000521	17	0.00002	0.000236	0.000191	0.000973
2062 Aug	88.4	0.0385	0.0478	0.00174	15.6	0.0388	14.9	0.00102	0.00102	0.00000513	0.00619	0.00112	0.0185	0.0153	0.00000518	15.3	0.000013	0.000206	0.000149	0.000902
2062 Sep	94.3	0.0672	0.0489	0.00175	17.3	0.0418	16.2	0.000998	0.000994	0.00000501	0.00679	0.00113	0.0194	0.0163	0.00000505	16.7	0.0000138	0.000217	0.000158	0.000962
2062 Oct	163	0.0916	0.105	0.0027	26.5	0.044	32.9	0.000979	0.000967	0.00000492	0.00721	0.00121	0.0299	0.0182	0.00000502	21	0.0000191	0.000261	0.000227	0.00116
2062 Nov	157	0.0931	0.0994	0.00261	25.9	0.0442	31.4	0.000984	0.000972	0.00000495	0.0073	0.00121	0.029	0.0182	0.00000504	20.8	0.0000189	0.000259	0.000222	0.00115
2062 Dec	158	0.093	0.1	0.00262	26	0.0442	31.6	0.000984	0.000972	0.00000495	0.0073	0.00121	0.0291	0.0182	0.00000504	20.8	0.000019	0.000259	0.000223	0.00116
2063 Jan	158	0.0929	0.1	0.00263	26	0.0442	31.7	0.000984	0.000972	0.00000495	0.0073	0.00121	0.0292	0.0182	0.00000504	20.9	0.000019	0.00026	0.000223	0.00116
2063 Feb	158	0.0929	0.1	0.00263	26	0.0442	31.7	0.000984	0.000973	0.00000495	0.0073	0.00121	0.0292	0.0182	0.00000505	20.9	0.000019	0.00026	0.000224	0.00116

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	158	0.093	0.101	0.00263	26	0.0442	31.8	0.000985	0.000973	0.00000495	0.0073	0.00122	0.0292	0.0182	0.00000505	20.9	0.000019	0.00026	0.000224	0.00116
2063 Apr	159	0.0932	0.101	0.00264	26.1	0.0443	31.8	0.000987	0.000975	0.00000496	0.00732	0.00122	0.0293	0.0182	0.00000506	20.9	0.0000191	0.00026	0.000224	0.00116
2063 May	159	0.0886	0.0984	0.00256	26.8	0.041	30.8	0.000996	0.000985	0.00000501	0.00718	0.00133	0.028	0.022	0.0000051	23.4	0.0000199	0.000296	0.000298	0.0012
2063 Jun	162	0.0549	0.106	0.0027	24.8	0.0339	31.8	0.000969	0.000951	0.00000486	0.00655	0.00115	0.0288	0.0173	0.00000495	19.7	0.0000213	0.000272	0.000244	0.00103
2063 Jul	130	0.0427	0.08	0.0023	20.1	0.0329	24.2	0.00102	0.00101	0.00000511	0.00686	0.00112	0.0241	0.0159	0.00000517	17.2	0.0000209	0.000249	0.000202	0.000961
2063 Aug	123	0.0427	0.0731	0.00223	19.6	0.036	22.4	0.00107	0.00106	0.00000538	0.007	0.00118	0.0234	0.0166	0.00000544	17.5	0.0000197	0.000247	0.000197	0.000992
2063 Sep	96.8	0.0525	0.0493	0.00181	17	0.0393	16.1	0.00106	0.00105	0.00000529	0.00692	0.00115	0.0197	0.0164	0.00000533	16.7	0.0000157	0.000232	0.000167	0.000946
2063 Oct	79.9	0.0727	0.0334	0.00151	15.4	0.0408	12.1	0.00102	0.00102	0.00000513	0.00739	0.00113	0.0167	0.0165	0.00000515	16.2	0.0000153	0.000219	0.000153	0.000951
2063 Nov	77.6	0.0758	0.0312	0.00147	15.2	0.0412	11.5	0.00102	0.00102	0.00000512	0.00748	0.00112	0.0163	0.0166	0.00000514	16.2	0.0000153	0.000217	0.000151	0.000954
2063 Dec	77.7	0.0759	0.0312	0.00147	15.2	0.0412	11.6	0.00102	0.00102	0.00000512	0.00748	0.00113	0.0163	0.0166	0.00000515	16.2	0.0000153	0.000217	0.000151	0.000955
2064 Jan	77.7	0.0759	0.0312	0.00147	15.2	0.0412	11.6	0.00102	0.00102	0.00000512	0.00748	0.00113	0.0163	0.0166	0.00000515	16.2	0.0000153	0.000217	0.000151	0.000955
2064 Feb	77.7	0.0759	0.0312	0.00147	15.2	0.0412	11.6	0.00102	0.00102	0.00000512	0.00748	0.00113	0.0163	0.0166	0.00000515	16.2	0.0000153	0.000217	0.000151	0.000955
2064 Mar	77.8	0.076	0.0313	0.00147	15.3	0.0413	11.6	0.00103	0.00102	0.00000513	0.0075	0.00113	0.0164	0.0166	0.00000516	16.2	0.0000153	0.000218	0.000151	0.000957
2064 Apr	78	0.0763	0.0314	0.00148	15.3	0.0414	11.6	0.00103	0.00102	0.00000515	0.00752	0.00113	0.0164	0.0167	0.00000517	16.3	0.0000154	0.000218	0.000152	0.000959
2064 May	108	0.0752	0.0526	0.0018	19.6	0.0388	18.1	0.00102	0.00101	0.00000511	0.00722	0.00126	0.0199	0.0208	0.00000515	20.4	0.0000174	0.000269	0.00025	0.00106
2064 Jun	143	0.0498	0.0848	0.00235	22	0.0321	27.6	0.000989	0.000971	0.00000494	0.00674	0.00117	0.0261	0.0181	0.00000502	19.6	0.0000217	0.000279	0.000253	0.00101
2064 Jul	107	0.0355	0.0583	0.00193	16.9	0.0324	19.2	0.00103	0.00102	0.00000517	0.00679	0.00113	0.0206	0.0163	0.00000522	16.5	0.0000196	0.000238	0.000197	0.000937
2064 Aug	82.2	0.031	0.0389	0.00161	14.1	0.0364	13.4	0.00104	0.00104	0.00000521	0.00629	0.00114	0.0168	0.0159	0.00000525	15.1	0.0000143	0.000203	0.000163	0.000915
2064 Sep	72.5	0.0586	0.0276	0.00139	14.2	0.0409	10.9	0.00101	0.001	0.00000504	0.00662	0.00112	0.0159	0.0161	0.00000506	15.6	0.0000121	0.000208	0.000145	0.000908
2064 Oct	77.4	0.0711	0.0299	0.00143	15.1	0.042	12	0.00101	0.001	0.00000505	0.00703	0.00113	0.0166	0.0167	0.00000508	16.3	0.0000134	0.000214	0.000153	0.000952
2064 Nov	77.9	0.0714	0.0301	0.00144	15.2	0.0422	12.1	0.00101	0.00101	0.00000507	0.00706	0.00114	0.0167	0.0167	0.0000051	16.4	0.0000134	0.000215	0.000154	0.000957
2064 Dec	78.1	0.0714	0.0302	0.00144	15.2	0.0423	12.1	0.00102	0.00101	0.00000508	0.00706	0.00114	0.0167	0.0168	0.0000051	16.4	0.0000134	0.000215	0.000154	0.000957
2065 Jan	78.3	0.0714	0.0304	0.00145	15.2	0.0423	12.2	0.00102	0.00101	0.00000508	0.00706	0.00114	0.0167	0.0168	0.0000051	16.4	0.0000134	0.000215	0.000154	0.000958
2065 Feb	78.4	0.0715	0.0304	0.00145	15.2	0.0423	12.2	0.00102	0.00101	0.00000508	0.00706	0.00114	0.0168	0.0168	0.0000051	16.5	0.0000135	0.000215	0.000154	0.000958
2065 Mar	78.5	0.0716	0.0305	0.00145	15.3	0.0423	12.2	0.00102	0.00101	0.00000509	0.00708	0.00114	0.0168	0.0168	0.00000511	16.5	0.0000135	0.000216	0.000154	0.00096
2065 Apr	78.9	0.0719	0.0306	0.00146	15.4	0.0426	12.3	0.00102	0.00102	0.00000511	0.00711	0.00115	0.0169	0.0169	0.00000514	16.6	0.0000135	0.000217	0.000155	0.000965
2065 May	97	0.0714	0.0383	0.00148	19.2	0.0347	14.1	0.00102	0.00101	0.00000508	0.00693	0.00142	0.0162	0.0263	0.00000511	23.7	0.0000172	0.000312	0.00035	0.0011
2065 Jun	159	0.0543	0.0928	0.00248	23.8	0.0344	32.9	0.00098	0.000957	0.00000489	0.0066	0.00121	0.0296	0.0189	0.00000498	21.2	0.0000216	0.000292	0.000273	0.00108
2065 Jul	146	0.0473	0.0832	0.00241	21.8	0.0359	29.5	0.00106	0.00104	0.0000053	0.00712	0.00121	0.0282	0.0177	0.00000539	19.6	0.0000222	0.000278	0.000236	0.00106
2065 Aug	133	0.0472	0.0724	0.00225	20.6	0.0389	26	0.0011	0.00108	0.0000055	0.00714	0.00124	0.0263	0.0179	0.00000558	19.4	0.00002	0.00027	0.000221	0.00106
2065 Sep	96	0.0725	0.0425	0.00167	17.1	0.0414	16.8	0.00103	0.00102	0.00000515	0.00735	0.00116	0.0199	0.0172	0.00000519	17.6	0.0000164	0.000235	0.000176	0.001
2065 Oct	134	0.0892	0.0684	0.00209	21.9	0.0432	27.3	0.000978	0.00096	0.00000488	0.00728	0.00119	0.0262	0.0183	0.00000496	20.3	0.000018	0.000257	0.000218	0.00112
2065 Nov	136	0.0904	0.0695	0.00211	22.1	0.0435	27.8	0.000981	0.000963	0.0000049	0.00732	0.0012	0.0266	0.0184	0.00000497	20.5	0.0000182	0.000259	0.00022	0.00113
2065 Dec	137	0.0902	0.0703	0.00212	22.3	0.0435	28.1	0.000982	0.000963	0.0000049	0.00731	0.0012	0.0268	0.0185	0.00000498	20.5	0.0000183	0.00026	0.000221	0.00113
2066 Jan	138	0.0901	0.0707	0.00213	22.3	0.0435	28.2	0.000982	0.000963	0.0000049	0.00731	0.0012	0.0269	0.0185	0.00000498	20.6	0.0000183	0.00026	0.000222	0.00113
2066 Feb	138	0.0901	0.0708	0.00213	22.3	0.0436	28.3	0.000982	0.000964	0.0000049	0.00731	0.0012	0.0269	0.0185	0.00000498	20.6	0.0000183	0.00026	0.000222	0.00113
2066 Mar	138	0.0904	0.0709	0.00214	22.4	0.0437	28.4	0.000985	0.000966	0.00000491	0.00733	0.00121	0.027	0.0185	0.00000499	20.6	0.0000183	0.000261	0.000223	0.00114
2066 Apr	139	0.0907	0.0712	0.00215	22.5	0.0438	28.5	0.000988	0.00097	0.00000493	0.00735	0.00121	0.027	0.0186	0.00000501	20.7	0.0000184	0.000262	0.000224	0.00114
2066 May	138	0.0905	0.07	0.00212	22.8	0.0431	27.9	0.001	0.000983	0.00000499	0.0074	0.00126	0.0265	0.0201	0.00000507	21.7	0.0000188	0.000276	0.00025	0.00116
2066 Jun	145	0.0478	0.0802	0.00229	21.2	0.0332	29.8	0.000984	0.000959	0.00000489	0.00668	0.00114	0.0279	0.017	0.00000498	19.2	0.0000216	0.000276	0.000236	0.00101
2066 Jul	114	0.0363	0.0581	0.00198	17.1	0.0332	21.5	0.00107	0.00106	0.00000535	0.00721	0.00115	0.0229	0.0162	0.0000054	17	0.0000215	0.000254	0.000197	0.000962
2066 Aug	103	0.0357	0.0497	0.00187	16.2	0.0366	18.7	0.00111	0.0011	0.00000554	0.00713	0.00119	0.0213	0.0166	0.00000559	16.9	0.000019	0.000243	0.000186	0.00098
2066 Sep	87.4	0.055	0.0363	0.00161	15.2	0.0393	14.6	0.00108	0.00107	0.0000054	0.0074	0.00117	0.0186	0.0167	0.00000544	16.6	0.0000172	0.000231	0.000168	0.000973
2066 Oct	68.3	0.083	0.0203	0.00129	13.9	0.0417	9.7	0.00103	0.00102	0.00000514	0.00786	0.00113	0.0149	0.0168	0.00000516	16	0.0000159	0.000213	0.000147	0.00097
2066 Nov	65.6	0.0871	0.018	0.00124	13.8	0.0421	9.02	0.00102	0.00102	0.00000511	0.00794	0.00112	0.0144	0.0168	0.00000512	16	0.0000157	0.000211	0.000144	0.000971
2066 Dec	65.7	0.0872	0.018	0.00125	13.8	0.0421	9.03	0.00102	0.00102	0.00000511	0.00794	0.00112	0.0144	0.0168	0.00000513	16	0.0000158	0.000211	0.000144	0.000972
2067 Jan	65.7	0.0872	0.0181	0.00125	13.8	0.0421	9.03	0.00102	0.00102	0.00000511	0.00795	0.00112	0.0144	0.0168	0.00000513	16	0.0000158	0.000211	0.000144	0.000972
2067 Feb	65.7	0.0872	0.0181	0.00125	13.8	0.0421	9.03	0.00102	0.00102	0.00000512	0.00795	0.00112	0.0144	0.0168	0.00000513	16	0.0000158	0.000211	0.000144	0.000973
2067 Mar	65.8	0.0873	0.0181	0.00125	13.8	0.0422	9.05	0.00103	0.00102	0.00000512	0.00796	0.00113	0.0144	0.0168	0.00000514	16	0.0000158	0.000211	0.000145	0.000974
2067 Apr	66	0.0876	0.0181	0.00125	13.8	0.0423	9.07	0.00103	0.00102	0.00000514	0.00798	0.00113	0.0145	0.0169	0.00000515	16.1	0.0000158	0.000212	0.000145	0.000977
2067 May	78.5	0.0815	0.0223	0.00122	17	0.0349	9.43	0.00103	0.00102	0.00000513	0.00756	0.00139	0.0131	0.0259	0.00000515	22.6	0.000018	0.000301	0.000329	0.00109
2067 Jun	134	0.0473	0.069	0.00207	20	0.0316	26.9	0.000987	0.000964	0.0000049	0.00674	0.00119	0.0256	0.0189	0.00000498	20.1	0.0000217	0.000289	0.000265	0.00102
2067 Jul	114	0.0384	0.056	0.00192	17.3	0.0327	21.9	0.00106	0.00104	0.00000527	0.00712	0.00118	0.0229	0.0175	0.00000533	18.1	0.0000215	0.000266	0.000223	0.000982
2067 Aug	81.7	0.0297	0.0343	0.00155	13.7	0.0371	13.9	0.00106	0.00105	0.0000053	0.00636	0.00118	0.0171	0.0165	0.00000533	15.7	0.0000145	0.000208	0.000173	0.000945
2067 Sep	72.6	0.0443	0.0262	0.00141	13.3	0.0396	11.3	0.00106	0.00105	0.00000527	0.00662	0.00116	0.0159	0.0165	0.00000529	15.7	0.0000133	0.000208	0.000158	0.000934
2067 Oct	79.2	0.0775	0.0277	0.0014	15	0.0419	13.1	0.00101	0.000997	0.00000502	0.00734	0.00114	0.0169	0.017	0.00000505	16.7	0.0000149	0.000215	0.000161	0.000989
2067 Nov	87.2	0.0842	0.0324	0.00148	16.1	0.0427	15.3	0.001	0.000991	0.00000499	0.00748	0.00115	0.0183	0.0173	0.00000503	17.4	0.0000156	0.000223	0.000169	0.00102
2067 Dec	89	0.0841	0.0336	0.0015	16.2	0.0428	15.8	0.001	0.000991	0.00000499	0.00747	0.00115	0.0187	0.0174	0.00000503	17.5	0.0000157	0.000225	0.000171	0.00102
2068 Jan	89.7	0.0841	0.0341	0.00151	16.3	0.0428	15.9	0.001	0.000991	0.00000499	0.00747	0.00115	0.0188	0.0174	0.00000503	17.6	0.0000157	0.000225	0.000172	0.00103
2068 Feb	89.9	0.0841	0.0343	0.00151	16.4	0.0428	16	0.001	0.000991	0.000005	0.00747	0.00115	0.0188	0.0174	0.00000504	17.6	0.0000157	0.000226	0.000173	0.00103
2068 Mar	90.2	0.0843	0.0344	0.00152	16.4	0.0429	16.1	0.001	0.000994	0.00000501	0.00749	0.00116	0.0189	0.0174	0.00000505	17.6	0.0000158	0.000226	0.000173	0.00103
2068 Apr	91.1	0.0851	0.0347	0.00153	16.6	0.0433	16.2	0.00101	0.001	0.00000506	0.00756	0.00117	0.0191	0.0176	0.0000051	17.8	0.0000159	0.000228	0.000175	0.00104
2068 May	109	0.0811	0.0445	0.00166	19.2	0.0399	19.5	0.00102	0.001	0.00000507	0.00732	0.00131	0.0206	0.0221	0.00000512	21.6	0.0000177	0.00028	0.000273	0.00112
2068 Jun	136	0.0442	0.0695	0.00211	19.4	0.0324	28.5	0.000984	0.000955	0.00000487	0.0067	0.00113	0.027	0.0168	0.00000495	18.8	0.0000216	0.000276	0.00023	0.000989
2068 Jul	84.5	0.026	0.0368	0.00157	13.1	0.0328	15.2	0.00103	0.00101	0.00000511	0.0065	0.00109	0.0178	0.015	0.00000515	14.7	0.0000172	0.000211	0.000164	0.00089
2068 Aug	79.6	0.0273	0.0322	0.00154	13	0.0367	13.5	0.00108	0.00107	0.0000054	0.0066	0.00116	0.0172	0.0158	0.00000544	15.1	0.0000155	0.000208	0.00016	0.000931
2068 Sep	67.8	0.0551	0.0215	0.00133	12.9	0.04	10.1	0.00105	0.00105	0.00000525	0.0071	0.00114	0.0152	0.0162	0.00000527	15.3	0.0000144	0.000205	0.000145	0.000935
2068 Oct	63.8	0.0701	0.0173	0.00125	12.9	0.0415	8.86	0.00104	0.00104	0.00000521	0.00749	0.00114	0.0143	0.0165	0.00000523	15.5	0.0000146	0.000205	0.000142	0.000953
2068 Nov	63.8	0.0712	0.0172	0.00125	13	0.0417	8.83	0.00105	0.00104	0.00000523	0.00754	0.00114	0.0143	0.0166	0.00000524	15.6	0.0000147	0.000206	0.000143	0.000958
2068 Dec	63.9	0.0712	0.0172	0.00125	13	0.0417	8.84	0.00105	0.00104	0.00000523	0.00755	0.00114	0.0144	0.0166	0.00000525	15.6	0.0000147	0.000206	0.000143	0.000959
2069 Jan	63.9	0.0712	0.0172	0.00125	13	0.0417	8.84	0.00105	0.00104	0.00000523	0.00755	0.00114	0.0144	0.0166	0.00000525	15.6	0.0000147	0.000206	0.000143	0.000959
2069 Feb	63.9	0.0713	0.0172	0.00125	13	0.0418	8.85	0.00105	0.00104	0.00000523	0.00755	0.00114	0.0144	0.0166	0.00000525	15.6	0.0000147	0.000206	0.000143	0.000959
2069 Mar	63.9	0.0713	0.0172	0.00125	13	0.0418	8.85	0.00105	0.00104	0.00000524	0.00755	0.00114	0.0144	0.0166	0.00000525	15.6	0.0000147	0.000206	0.000143	0.000959
2069 Apr	64	0.0714	0.0172	0.00126	13.1	0.0419	8.87	0.00105	0.00105	0.00000525	0.00757	0.00114	0.0144	0.0167	0.00000526	15.6	0.0000147	0.000206	0.000143	0.000961
2069 May	66.6	0.0728	0.0179	0.00127	13.7	0.0417	8.98	0.00107	0.00107	0.00000535	0.00769	0.0012	0.0144	0.0182	0.00000536	16.8	0.0000154	0.000222	0.00017	0.000996
2069 Jun	131	0.0446	0.0638	0.00201	18.8	0.0324	27.1	0.000994	0.000966	0.00000492	0.00679	0.00115	0.0261	0.0174	0.000005	19.1	0.0000216	0.00028	0.000238	0.000994
2069 Jul	115	0.0362	0.0543	0.00191	16.6	0.0329	23	0.00105	0.00103	0.00000522	0.00711	0.00114	0.0239	0.0162	0.00000529	17.4	0.0000216	0.000262	0.000203	0.000963

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	95.4	0.0358	0.0407	0.00168	14.9	0.0368	17.6	0.00107	0.00105	0.00000532	0.00677	0.00116	0.0206	0.0162	0.00000536	16.5	0.0000171	0.000238	0.000177	0.000944
2069 Sep	95.4	0.0628	0.038	0.0016	16	0.0403	17.6	0.00102	0.00101	0.00000508	0.00702	0.00115	0.0204	0.0169	0.00000513	17.4	0.0000159	0.000237	0.000177	0.000985
2069 Oct	135	0.0862	0.061	0.00199	21	0.0433	28.5	0.000991	0.000962	0.0000049	0.00726	0.00121	0.0271	0.0187	0.00000498	20.8	0.0000183	0.00027	0.000227	0.00114
2069 Nov	128	0.0891	0.056	0.0019	20.3	0.0435	26.5	0.000992	0.000966	0.00000491	0.00739	0.0012	0.0257	0.0186	0.00000498	20.4	0.0000181	0.000264	0.000219	0.00112
2069 Dec	130	0.0886	0.0574	0.00193	20.5	0.0435	27.1	0.000993	0.000966	0.00000491	0.00736	0.00121	0.0261	0.0186	0.00000498	20.5	0.0000182	0.000266	0.000221	0.00113
2070 Jan	131	0.0884	0.058	0.00194	20.6	0.0435	27.4	0.000993	0.000965	0.00000491	0.00735	0.00121	0.0263	0.0186	0.00000499	20.6	0.0000182	0.000267	0.000222	0.00113
2070 Feb	132	0.0882	0.0583	0.00194	20.6	0.0435	27.5	0.000993	0.000965	0.00000491	0.00734	0.00121	0.0264	0.0187	0.00000499	20.6	0.0000182	0.000267	0.000223	0.00113
2070 Mar	132	0.0882	0.0585	0.00195	20.7	0.0435	27.6	0.000993	0.000966	0.00000491	0.00735	0.00121	0.0265	0.0187	0.00000499	20.6	0.0000182	0.000268	0.000223	0.00113
2070 Apr	133	0.0887	0.0588	0.00196	20.8	0.0437	27.7	0.000999	0.000971	0.00000494	0.00738	0.00122	0.0266	0.0188	0.00000502	20.8	0.0000183	0.000269	0.000225	0.00114
2070 May	139	0.0837	0.0616	0.00197	22.2	0.0406	28.1	0.00101	0.000981	0.00000499	0.00721	0.00134	0.0263	0.0226	0.00000507	23.5	0.0000194	0.000308	0.000303	0.00119
2070 Jun	134	0.047	0.0632	0.00199	19.4	0.0319	27.2	0.000997	0.000966	0.00000492	0.00674	0.00121	0.0258	0.0193	0.000005	20.5	0.0000217	0.000299	0.000272	0.00103
2070 Jul	107	0.036	0.047	0.00176	15.8	0.0314	20.1	0.00105	0.00103	0.0000052	0.00707	0.00117	0.0216	0.0175	0.00000525	17.8	0.0000213	0.000268	0.000222	0.000956
2070 Aug	86	0.0318	0.0341	0.00156	13.9	0.0357	15	0.00107	0.00105	0.00000531	0.00662	0.00118	0.0181	0.0169	0.00000535	16.3	0.0000164	0.00023	0.000187	0.000946
2070 Sep	76.7	0.0667	0.0252	0.00137	14.1	0.0399	12.4	0.00102	0.00101	0.0000051	0.00725	0.00115	0.0165	0.017	0.00000512	16.5	0.0000154	0.000221	0.000166	0.000966
2070 Oct	102	0.0859	0.039	0.0016	17.3	0.0423	19.3	0.000994	0.000974	0.00000492	0.00745	0.00117	0.0209	0.0178	0.00000497	18.5	0.0000167	0.000242	0.000191	0.00105
2070 Nov	111	0.0858	0.0449	0.00171	18.3	0.0426	21.9	0.000995	0.000972	0.00000492	0.0074	0.00118	0.0227	0.0181	0.00000498	19.2	0.0000172	0.000251	0.000202	0.00108
2070 Dec	112	0.0856	0.0457	0.00172	18.4	0.0426	22.3	0.000995	0.000972	0.00000492	0.00738	0.00118	0.0229	0.0182	0.00000498	19.3	0.0000173	0.000252	0.000203	0.00108
2071 Jan	113	0.0855	0.046	0.00173	18.5	0.0426	22.4	0.000995	0.000972	0.00000492	0.00738	0.00119	0.023	0.0182	0.00000498	19.3	0.0000173	0.000253	0.000204	0.00108
2071 Feb	113	0.0854	0.0461	0.00173	18.5	0.0426	22.5	0.000995	0.000972	0.00000492	0.00738	0.00119	0.023	0.0182	0.00000498	19.3	0.0000173	0.000253	0.000204	0.00108
2071 Mar	113	0.0854	0.0462	0.00173	18.5	0.0426	22.5	0.000996	0.000972	0.00000492	0.00738	0.00119	0.023	0.0182	0.00000499	19.3	0.0000173	0.000253	0.000204	0.00108
2071 Apr	114	0.0856	0.0464	0.00174	18.6	0.0427	22.6	0.000998	0.000974	0.00000494	0.00739	0.00119	0.0231	0.0182	0.000005	19.4	0.0000173	0.000254	0.000205	0.00109
2071 May	121	0.0784	0.0489	0.0017	20.7	0.0366	22.3	0.001	0.000977	0.00000495	0.00705	0.00139	0.0217	0.025	0.00000501	24.2	0.000019	0.00032	0.000342	0.00116
2071 Jun	143	0.0488	0.068	0.00209	20.1	0.0332	30.1	0.00099	0.000951	0.00000486	0.00661	0.0012	0.0278	0.0187	0.00000495	20.6	0.0000213	0.000299	0.000266	0.00105
2071 Jul	123	0.0397	0.0564	0.00194	17.3	0.0331	24.8	0.00104	0.00101	0.00000513	0.00697	0.00116	0.0248	0.0168	0.0000052	18.2	0.0000214	0.000274	0.000218	0.000985
2071 Aug	111	0.0406	0.0485	0.00183	16.6	0.0364	21.5	0.00108	0.00105	0.00000531	0.00695	0.00119	0.0232	0.0171	0.00000537	17.9	0.000019	0.000264	0.000203	0.000987
2071 Sep	74.9	0.0675	0.0236	0.00134	14	0.0407	11.8	0.00102	0.00101	0.00000508	0.00718	0.00112	0.0168	0.0166	0.00000511	16.3	0.0000145	0.000225	0.000154	0.000933
2071 Oct	77.5	0.0822	0.024	0.00134	14.7	0.0418	12.5	0.001	0.00099	0.00000498	0.00748	0.00113	0.0168	0.017	0.00000501	16.8	0.0000151	0.000225	0.000158	0.000973
2071 Nov	80.1	0.0892	0.0249	0.00135	15.2	0.0426	13.2	0.001	0.000987	0.00000497	0.00766	0.00114	0.0171	0.0173	0.00000499	17.2	0.0000155	0.000227	0.000163	0.000999
2071 Dec	82.2	0.0892	0.0262	0.00138	15.4	0.0427	13.8	0.001	0.000986	0.00000497	0.00765	0.00114	0.0175	0.0174	0.000005	17.3	0.0000156	0.000229	0.000165	0.00101
2072 Jan	82.8	0.0891	0.0265	0.00138	15.5	0.0427	13.9	0.001	0.000986	0.00000497	0.00764	0.00114	0.0176	0.0174	0.000005	17.3	0.0000157	0.000229	0.000166	0.00101
2072 Feb	83	0.089	0.0267	0.00139	15.5	0.0427	14	0.001	0.000986	0.00000497	0.00764	0.00114	0.0176	0.0174	0.000005	17.4	0.0000157	0.000229	0.000167	0.00101
2072 Mar	83.2	0.089	0.0268	0.00139	15.5	0.0427	14.1	0.001	0.000986	0.00000497	0.00764	0.00114	0.0177	0.0174	0.000005	17.4	0.0000157	0.00023	0.000167	0.00101
2072 Apr	83.6	0.0894	0.027	0.00139	15.6	0.0428	14.1	0.001	0.00099	0.00000499	0.00767	0.00115	0.0178	0.0175	0.00000502	17.4	0.0000158	0.00023	0.000167	0.00101
2072 May	85.3	0.0911	0.0275	0.00142	15.9	0.0437	14.4	0.00102	0.00101	0.00000509	0.00782	0.00117	0.0181	0.0178	0.00000512	17.8	0.0000161	0.000235	0.000172	0.00103
2072 Jun	124	0.0465	0.0563	0.00191	17.5	0.033	25.4	0.001	0.000968	0.00000492	0.00689	0.00113	0.025	0.0167	0.000005	18.3	0.0000211	0.000275	0.000219	0.000976
2072 Jul	100	0.0316	0.0429	0.0017	14.5	0.0335	19.2	0.00103	0.00101	0.0000051	0.00661	0.00113	0.0207	0.0158	0.00000516	16.1	0.0000184	0.000236	0.000186	0.000936
2072 Aug	116	0.0488	0.0499	0.00182	17.7	0.0406	23.3	0.00103	0.000995	0.00000505	0.00622	0.00119	0.0243	0.0174	0.00000511	18.6	0.0000145	0.000259	0.000201	0.001
2072 Sep	115	0.0658	0.0474	0.00177	18.3	0.0429	22.7	0.00101	0.000979	0.00000497	0.00648	0.00119	0.0241	0.0178	0.00000503	19.2	0.000014	0.000262	0.000199	0.00102
2072 Oct	135	0.0824	0.0585	0.00196	20.5	0.0424	28.1	0.000994	0.000955	0.00000487	0.00707	0.00122	0.0266	0.0187	0.00000494	20.7	0.0000179	0.000278	0.00023	0.00112
2072 Nov	138	0.0825	0.0603	0.002	20.8	0.0424	28.9	0.000997	0.000956	0.00000487	0.00708	0.00122	0.0271	0.0188	0.00000495	20.9	0.0000182	0.000281	0.000234	0.00113
2072 Dec	139	0.0823	0.0609	0.00201	20.9	0.0424	29.1	0.000997	0.000956	0.00000487	0.00707	0.00122	0.0273	0.0189	0.00000496	20.9	0.0000182	0.000282	0.000235	0.00113
2073 Jan	140	0.0822	0.0611	0.00201	20.9	0.0424	29.2	0.000997	0.000956	0.00000487	0.00707	0.00123	0.0274	0.0189	0.00000496	21	0.0000182	0.000283	0.000236	0.00113
2073 Feb	140	0.0821	0.0612	0.00201	20.9	0.0424	29.3	0.000997	0.000956	0.00000487	0.00707	0.00123	0.0274	0.0189	0.00000496	21	0.0000183	0.000283	0.000236	0.00113
2073 Mar	140	0.0821	0.0613	0.00202	20.9	0.0424	29.3	0.000998	0.000956	0.00000488	0.00707	0.00123	0.0274	0.0189	0.00000496	21	0.0000183	0.000283	0.000236	0.00113
2073 Apr	141	0.0828	0.0618	0.00203	21.1	0.0428	29.6	0.00101	0.000964	0.00000492	0.00713	0.00124	0.0277	0.0191	0.000005	21.2	0.0000184	0.000285	0.000238	0.00114
2073 May	148	0.0766	0.0644	0.00203	22.5	0.0389	30.1	0.00101	0.00097	0.00000495	0.00689	0.00137	0.0274	0.0233	0.00000503	24.3	0.0000196	0.00033	0.000327	0.0012
2073 Jun	141	0.0517	0.0637	0.00201	20.2	0.0329	29	0.000998	0.000952	0.00000486	0.00656	0.00127	0.0268	0.0208	0.00000494	21.9	0.000021	0.00032	0.000301	0.00108
2073 Jul	135	0.0453	0.0608	0.00203	19	0.0363	28	0.00104	0.000997	0.00000508	0.00657	0.00124	0.0265	0.0186	0.00000516	20	0.0000194	0.000287	0.000249	0.00107
2073 Aug	111	0.0396	0.0467	0.0018	16.6	0.0389	21.8	0.00107	0.00103	0.00000525	0.00637	0.00124	0.0224	0.018	0.00000531	18.4	0.0000159	0.000252	0.000214	0.00104
2073 Sep	86.2	0.0571	0.0306	0.00148	14.9	0.041	15.1	0.00104	0.00102	0.00000513	0.00672	0.00118	0.0184	0.0173	0.00000517	17.1	0.0000139	0.000231	0.000176	0.000981
2073 Oct	80.7	0.0833	0.0252	0.00136	15	0.0423	13.6	0.001	0.000985	0.00000496	0.00741	0.00115	0.0172	0.0173	0.00000499	17.1	0.000015	0.000226	0.000166	0.001
2073 Nov	91.6	0.0853	0.0314	0.00147	16.1	0.0425	16.6	0.000999	0.000978	0.00000493	0.00741	0.00116	0.0191	0.0177	0.00000498	17.9	0.0000157	0.000237	0.00018	0.00103
2073 Dec	92.5	0.0852	0.0319	0.00148	16.2	0.0426	16.8	0.001	0.000978	0.00000494	0.00741	0.00116	0.0193	0.0177	0.00000498	18	0.0000158	0.000238	0.000181	0.00103
2074 Jan	93	0.0851	0.0322	0.00149	16.2	0.0426	17	0.001	0.000978	0.00000494	0.00741	0.00116	0.0194	0.0177	0.00000498	18	0.0000158	0.000239	0.000181	0.00103
2074 Feb	93.3	0.0851	0.0324	0.00149	16.3	0.0426	17	0.001	0.000978	0.00000494	0.00741	0.00116	0.0194	0.0177	0.00000498	18	0.0000158	0.000239	0.000182	0.00104
2074 Mar	93.4	0.0851	0.0324	0.00149	16.3	0.0426	17.1	0.001	0.000979	0.00000494	0.00741	0.00117	0.0195	0.0177	0.00000498	18	0.0000158	0.000239	0.000182	0.00104
2074 Apr	94.1	0.0857	0.0326	0.00151	16.4	0.0429	17.2	0.00101	0.000986	0.00000498	0.00746	0.00117	0.0196	0.0179	0.00000502	18.2	0.0000159	0.000241	0.000183	0.00104
2074 May	121	0.078	0.047	0.00172	19.8	0.0389	23.1	0.00102	0.000984	0.00000499	0.00708	0.00135	0.0228	0.023	0.00000505	22.9	0.0000183	0.00031	0.000303	0.00115
2074 Jun	141	0.0506	0.0631	0.00202	19.8	0.0334	29.6	0.00101	0.000953	0.00000487	0.00657	0.00126	0.0274	0.0201	0.00000496	21.5	0.000021	0.000321	0.000288	0.00107
2074 Jul	124	0.0421	0.0538	0.00192	17.5	0.0344	25.2	0.00107	0.00102	0.00000521	0.00696	0.00123	0.0251	0.0183	0.00000528	19.4	0.000021	0.000295	0.000241	0.00103
2074 Aug	122	0.0432	0.0515	0.00193	17.6	0.0373	24.2	0.00113	0.00108	0.0000055	0.00719	0.00129	0.0249	0.019	0.00000557	19.8	0.0000204	0.000296	0.00024	0.00107
2074 Sep	85.6	0.0686	0.0286	0.00146	15	0.0406	14.6	0.00105	0.00103	0.00000521	0.00742	0.00119	0.0185	0.0177	0.00000524	17.5	0.0000164	0.000247	0.000181	0.000995
2074 Oct	67.8	0.09	0.0167	0.00122	13.9	0.0424	9.83	0.00102	0.00101	0.00000505	0.00788	0.00114	0.0149	0.0173	0.00000506	16.6	0.0000156	0.000221	0.000154	0.000983
2074 Nov	73	0.0906	0.0196	0.00127	14.4	0.0425	11.4	0.00101	0.000999	0.00000502	0.00784	0.00114	0.0159	0.0174	0.00000504	16.9	0.0000158	0.000226	0.00016	0.000998
2074 Dec	74.8	0.0904	0.0206	0.00129	14.6	0.0426	11.9	0.00101	0.000998	0.00000502	0.00782	0.00115	0.0163	0.0175	0.00000504	17.1	0.0000158	0.000228	0.000163	0.001
2075 Jan	75.3	0.0903	0.0209	0.00129	14.6	0.0426	12.1	0.00101	0.000998	0.00000502	0.00782	0.00115	0.0164	0.0175	0.00000504	17.1	0.0000159	0.000229	0.000163	0.001
2075 Feb	75.6	0.0903	0.021	0.0013	14.6	0.0426	12.1	0.00101	0.000998	0.00000502	0.00782	0.00115	0.0164	0.0175	0.00000504	17.1	0.0000159	0.000229	0.000164	0.001
2075 Mar	75.7	0.0904	0.0211	0.0013	14.7	0.0426	12.1	0.00101	0.000999	0.00000502	0.00783	0.00115	0.0164	0.0175	0.00000505	17.2	0.0000159	0.000229	0.000164	0.00101
2075 Apr	76.2	0.0909	0.0212	0.00131	14.7	0.0429	12.2	0.00102	0.00101	0.00000506	0.00787	0.00116	0.0165	0.0176	0.00000508	17.3	0.000016	0.000231	0.000165	0.00101
2075 May	81.8	0.0868	0.0226	0.00127	16.6	0.0381	11.6	0.00103	0.00102	0.00000512	0.00769	0.00134	0.0151	0.0237	0.00000514	21.5	0.0000175	0.000288	0.000284	0.00109
2075 Jun	125	0.0471	0.0529	0.00186	17.2	0.0334	26.6	0.00101	0.000963	0.0000049	0.00683	0.00118	0.026	0.0177	0.00000499	19.3	0.0000211	0.000296	0.000238	0.00101
2075 Jul	108	0.0346	0.0446	0.00175	15	0.033	22.1	0.00106	0.00102	0.00000516	0.00696	0.00116	0.0232	0.0164	0.00000523	17.3	0.0000207	0.000271	0.000203	0.000959
2075 Aug	93.4	0.0351	0.0356	0.00161	14.1	0.0365	17.8	0.00108	0.00105	0.00000528	0.00675	0.00117	0.0207	0.0164	0.00000533	16.7	0.0000172	0.00025	0.000182	0.000949
2075 Sep	85	0.0459	0.0297	0.0015	13.9	0.0387	15.3	0.00107	0.00105	0.00000529	0.00694	0.00117	0.0192	0.0166	0.00000533	16.6	0.000016	0.000243	0.00017	0.000949
2075 Oct	73.5	0.0674	0.0215	0.00133	13.5	0.0405	11.9	0.00104	0.00103	0.00000517	0.00742	0.00114	0.0166	0.0167	0.0000052	16.3	0.0000156	0.000228	0.000156	0.000957
2075 Nov	71.2	0.0725	0.0197	0.00129	13.5	0.0411	11.2	0.00104	0.00103	0.00000516	0.00755	0.00114	0.0161	0.0168	0.00000518	16.3	0.0000155	0.000225	0.000154	0.000963
2075 Dec	71	0.0728	0.0196	0.00129	13.5	0.0412	11.1	0.00104	0.00103	0.00000516	0.00756	0.00114	0.0161	0.0168	0.00000518	16.3	0.0000156	0.000225	0.000154	0.000963

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	71.1	0.0729	0.0196	0.00129	13.5	0.0412	11.1	0.00104	0.00103	0.00000516	0.00756	0.00114	0.0161	0.0168	0.00000518	16.3	0.0000156	0.000225	0.000154	0.000963
2076 Feb	71.1	0.0729	0.0196	0.00129	13.5	0.0412	11.1	0.00104	0.00103	0.00000516	0.00756	0.00114	0.0161	0.0168	0.00000519	16.3	0.0000156	0.000225	0.000154	0.000964
2076 Mar	71.2	0.073	0.0196	0.0013	13.5	0.0412	11.1	0.00104	0.00103	0.00000517	0.00757	0.00115	0.0161	0.0168	0.00000519	16.3	0.0000156	0.000225	0.000154	0.000965
2076 Apr	71.4	0.0732	0.0197	0.0013	13.6	0.0414	11.2	0.00105	0.00103	0.00000519	0.0076	0.00115	0.0162	0.0169	0.00000521	16.4	0.0000156	0.000226	0.000154	0.000969
2076 May	84.7	0.0723	0.0252	0.00132	16.3	0.0365	12.6	0.00104	0.00103	0.00000517	0.00736	0.00134	0.0159	0.0235	0.0000052	21.4	0.0000175	0.000293	0.00029	0.00107
2076 Jun	141	0.05	0.0611	0.00199	19.4	0.0336	30.5	0.00101	0.000947	0.00000484	0.00656	0.00127	0.0281	0.0202	0.00000494	21.8	0.0000211	0.000329	0.000292	0.00108
2076 Jul	129	0.042	0.0551	0.00195	17.5	0.0354	27.6	0.00106	0.00101	0.00000513	0.00682	0.00123	0.0268	0.0179	0.00000522	19.5	0.0000207	0.000298	0.000237	0.00105
2076 Aug	118	0.0423	0.0485	0.00187	16.9	0.0385	24.5	0.0011	0.00106	0.00000537	0.00689	0.00126	0.0251	0.0182	0.00000544	19.2	0.0000187	0.000287	0.000223	0.00105
2076 Sep	107	0.052	0.0408	0.00173	16.3	0.0403	21	0.0011	0.00106	0.00000538	0.00711	0.00125	0.023	0.0181	0.00000544	18.8	0.0000176	0.000275	0.000206	0.00104
2076 Oct	79.2	0.0791	0.0235	0.00136	14.5	0.0418	13.3	0.00104	0.00102	0.00000512	0.00763	0.00116	0.0174	0.0174	0.00000515	17.1	0.0000161	0.000236	0.000167	0.001
2076 Nov	74.6	0.0841	0.0206	0.0013	14.2	0.0422	12	0.00103	0.00101	0.00000508	0.00775	0.00115	0.0164	0.0173	0.00000511	16.9	0.0000159	0.000229	0.000161	0.000996
2076 Dec	74.6	0.0841	0.0206	0.0013	14.2	0.0422	12	0.00103	0.00101	0.00000509	0.00775	0.00115	0.0164	0.0173	0.00000511	16.9	0.0000159	0.000229	0.000161	0.000996
2077 Jan	74.6	0.0841	0.0206	0.0013	14.2	0.0422	12	0.00103	0.00101	0.00000509	0.00775	0.00115	0.0164	0.0173	0.00000511	16.9	0.0000159	0.000229	0.000161	0.000996
2077 Feb	74.7	0.0841	0.0206	0.0013	14.2	0.0422	12	0.00103	0.00101	0.00000509	0.00775	0.00115	0.0164	0.0173	0.00000511	16.9	0.0000159	0.00023	0.000161	0.000997
2077 Mar	74.7	0.0842	0.0206	0.0013	14.2	0.0422	12	0.00103	0.00101	0.00000509	0.00776	0.00115	0.0165	0.0173	0.00000512	16.9	0.0000159	0.00023	0.000161	0.000997
2077 Apr	75	0.0846	0.0207	0.00131	14.3	0.0424	12.1	0.00103	0.00102	0.00000511	0.00779	0.00116	0.0165	0.0174	0.00000514	17	0.000016	0.000231	0.000162	0.001
2077 May	93.5	0.0807	0.0303	0.00145	16.7	0.04	16.2	0.00104	0.00101	0.00000511	0.00753	0.00128	0.0188	0.0211	0.00000515	20.3	0.0000175	0.000279	0.000245	0.00108
2077 Jun	108	0.0368	0.0441	0.00169	15	0.0296	21.8	0.00102	0.000973	0.00000494	0.00691	0.00114	0.0227	0.0171	0.000005	17.9	0.0000218	0.00029	0.000226	0.00093
2077 Jul	80.5	0.0261	0.0293	0.00147	11.6	0.0278	13.9	0.00106	0.00104	0.00000523	0.0074	0.00108	0.018	0.0153	0.00000527	15	0.0000224	0.000258	0.000177	0.000839
2077 Aug	77	0.0291	0.0263	0.00145	11.9	0.0319	12.7	0.0011	0.00108	0.00000544	0.00738	0.00113	0.0176	0.0159	0.00000547	15.4	0.0000202	0.000253	0.000171	0.000871
2077 Sep	69.6	0.0681	0.019	0.00126	13.1	0.0397	10.8	0.00102	0.001	0.00000503	0.00727	0.00111	0.016	0.0164	0.00000505	16	0.0000149	0.000228	0.000151	0.000918
2077 Oct	84.4	0.0833	0.0258	0.00138	15	0.0419	15	0.00101	0.000986	0.00000497	0.00753	0.00116	0.0185	0.0175	0.00000501	17.6	0.000016	0.000243	0.000173	0.001
2077 Nov	90.5	0.0829	0.0292	0.00145	15.6	0.0421	16.7	0.00102	0.000987	0.00000498	0.0075	0.00117	0.0196	0.0177	0.00000503	18.1	0.0000163	0.000251	0.000181	0.00102
2077 Dec	91.4	0.0828	0.0297	0.00146	15.7	0.0422	17	0.00102	0.000987	0.00000498	0.0075	0.00117	0.0198	0.0178	0.00000503	18.1	0.0000164	0.000252	0.000183	0.00103
2078 Jan	91.8	0.0828	0.0299	0.00146	15.7	0.0422	17.1	0.00102	0.000987	0.00000498	0.0075	0.00118	0.0199	0.0178	0.00000503	18.2	0.0000164	0.000253	0.000183	0.00103
2078 Feb	92	0.0828	0.03	0.00146	15.7	0.0422	17.1	0.00102	0.000987	0.00000498	0.0075	0.00118	0.0199	0.0178	0.00000503	18.2	0.0000164	0.000253	0.000183	0.00103
2078 Mar	92.1	0.0828	0.03	0.00147	15.7	0.0422	17.2	0.00102	0.000987	0.00000499	0.0075	0.00118	0.0199	0.0178	0.00000503	18.2	0.0000164	0.000253	0.000184	0.00103
2078 Apr	92.9	0.0835	0.0303	0.00148	15.9	0.0425	17.3	0.00103	0.000995	0.00000503	0.00756	0.00119	0.0201	0.0179	0.00000507	18.3	0.0000165	0.000255	0.000185	0.00104
2078 May	125	0.0737	0.0469	0.0017	20	0.0369	24.3	0.00103	0.000979	0.00000497	0.00696	0.00141	0.0235	0.0249	0.00000504	24.5	0.0000192	0.000344	0.000345	0.00117
2078 Jun	143	0.0506	0.0612	0.00201	19.4	0.0341	31.1	0.00103	0.000957	0.00000489	0.00662	0.0013	0.0286	0.0206	0.00000499	22.2	0.0000214	0.000343	0.000298	0.0011
2078 Jul	127	0.0436	0.0524	0.00191	17.6	0.0354	26.6	0.00108	0.00102	0.00000521	0.00687	0.0013	0.0259	0.0196	0.00000529	20.6	0.0000207	0.000315	0.000264	0.00108
2078 Aug	96.1	0.0362	0.036	0.00161	14.7	0.0383	18.5	0.00108	0.00104	0.00000527	0.00638	0.00125	0.0204	0.0181	0.00000532	17.9	0.0000153	0.000255	0.000209	0.00101
2078 Sep	80.9	0.0479	0.0263	0.00143	13.9	0.0408	14	0.00107	0.00104	0.00000524	0.00655	0.00121	0.0181	0.0176	0.00000528	17.1	0.0000132	0.000239	0.000178	0.000969
2078 Oct	71.2	0.0671	0.0196	0.00129	13.5	0.0417	11.2	0.00104	0.00102	0.00000513	0.00709	0.00117	0.016	0.0173	0.00000515	16.6	0.0000136	0.000226	0.000162	0.000967
2078 Nov	69.1	0.0719	0.0181	0.00126	13.5	0.0421	10.6	0.00103	0.00102	0.00000511	0.00724	0.00116	0.0155	0.0173	0.00000514	16.5	0.0000138	0.000223	0.000159	0.00097
2078 Dec	69.1	0.0719	0.0181	0.00126	13.5	0.0421	10.6	0.00103	0.00102	0.00000512	0.00724	0.00116	0.0155	0.0173	0.00000514	16.5	0.0000138	0.000223	0.000159	0.00097
2079 Jan	69.1	0.0719	0.0181	0.00126	13.5	0.0421	10.6	0.00103	0.00102	0.00000512	0.00724	0.00116	0.0155	0.0173	0.00000514	16.5	0.0000138	0.000223	0.000159	0.00097
2079 Feb	69.1	0.0719	0.0181	0.00126	13.5	0.0421	10.6	0.00103	0.00102	0.00000512	0.00724	0.00116	0.0155	0.0173	0.00000514	16.5	0.0000138	0.000223	0.000159	0.00097
2079 Mar	69.2	0.072	0.0181	0.00126	13.5	0.0421	10.6	0.00104	0.00102	0.00000512	0.00725	0.00117	0.0156	0.0173	0.00000514	16.5	0.0000138	0.000223	0.000159	0.000971
2079 Apr	69.5	0.0723	0.0182	0.00126	13.6	0.0423	10.6	0.00104	0.00102	0.00000514	0.00728	0.00117	0.0156	0.0174	0.00000517	16.6	0.0000139	0.000224	0.00016	0.000976
2079 May	72	0.0734	0.0188	0.00127	14.3	0.0417	10.6	0.00106	0.00104	0.00000523	0.00738	0.00123	0.0155	0.0192	0.00000525	17.9	0.0000145	0.000242	0.000192	0.00101
2079 Jun	128	0.0437	0.0537	0.00188	17.1	0.0325	27.8	0.00102	0.000952	0.00000486	0.00669	0.00121	0.0267	0.0182	0.00000495	19.8	0.0000213	0.000317	0.000252	0.00101
2079 Jul	94.3	0.03	0.0365	0.0016	13.1	0.0316	18.5	0.00105	0.001	0.00000508	0.0068	0.00113	0.0206	0.0158	0.00000514	16.1	0.0000197	0.000261	0.000189	0.000911
2079 Aug	81.5	0.0281	0.0289	0.00149	12.4	0.0356	14.8	0.00108	0.00105	0.00000528	0.00659	0.00117	0.0181	0.016	0.00000533	15.6	0.0000163	0.000233	0.000171	0.000929
2079 Sep	66.7	0.0646	0.0177	0.00125	12.6	0.04	10.2	0.00103	0.00101	0.00000509	0.00723	0.00113	0.0152	0.0164	0.00000511	15.6	0.0000147	0.000217	0.000149	0.000937
2079 Oct	79	0.0822	0.0229	0.00133	14.3	0.0418	13.7	0.00101	0.000987	0.00000497	0.00752	0.00115	0.0173	0.0173	0.00000501	17.1	0.0000156	0.000235	0.000167	0.001
2079 Nov	92.3	0.0855	0.0297	0.00146	15.7	0.0424	17.5	0.00101	0.000978	0.00000494	0.00751	0.00119	0.0199	0.018	0.00000499	18.3	0.0000164	0.000254	0.000187	0.00104
2079 Dec	108	0.0852	0.0382	0.00162	17.1	0.0427	22	0.00102	0.000971	0.00000492	0.00742	0.00122	0.0229	0.0186	0.00000499	19.6	0.0000173	0.000276	0.000209	0.00109
2080 Jan	110	0.0847	0.0394	0.00164	17.3	0.0427	22.7	0.00102	0.00097	0.00000492	0.00739	0.00123	0.0234	0.0187	0.00000499	19.8	0.0000174	0.000279	0.000213	0.00109
2080 Feb	111	0.0845	0.0398	0.00165	17.3	0.0427	22.9	0.00102	0.00097	0.00000492	0.00738	0.00123	0.0235	0.0187	0.00000499	19.8	0.0000174	0.00028	0.000214	0.0011
2080 Mar	111	0.0844	0.04	0.00165	17.4	0.0427	23	0.00102	0.00097	0.00000492	0.00738	0.00123	0.0236	0.0187	0.00000499	19.8	0.0000174	0.000281	0.000214	0.0011
2080 Apr	112	0.0847	0.0402	0.00166	17.4	0.0428	23.1	0.00102	0.000973	0.00000494	0.0074	0.00123	0.0237	0.0188	0.00000501	19.9	0.0000175	0.000282	0.000215	0.0011
2080 May	114	0.0861	0.0408	0.00168	17.8	0.0434	23.3	0.00104	0.000993	0.00000504	0.00754	0.00127	0.0239	0.0195	0.00000511	20.5	0.0000179	0.00029	0.000226	0.00113
2080 Jun	124	0.0487	0.0508	0.00185	16.7	0.0341	26.8	0.00103	0.000965	0.00000492	0.00689	0.0012	0.0262	0.0178	0.00000501	19.4	0.000021	0.000311	0.000236	0.00102
2080 Jul	100	0.0318	0.0393	0.00166	13.9	0.034	20.4	0.00105	0.000998	0.00000506	0.00653	0.00117	0.0216	0.0163	0.00000512	16.8	0.0000182	0.000261	0.000197	0.000956
2080 Aug	78	0.0295	0.0268	0.00144	12.3	0.0377	14.1	0.00106	0.00103	0.00000517	0.00616	0.00117	0.0175	0.016	0.00000521	15.4	0.0000134	0.00022	0.000163	0.000928
2080 Sep	70.9	0.0537	0.0205	0.0013	12.9	0.0411	11.6	0.00103	0.00101	0.00000507	0.00654	0.00114	0.0165	0.0163	0.00000509	15.9	0.0000121	0.000221	0.00015	0.000922
2080 Oct	78.9	0.0752	0.0232	0.00134	14.2	0.0423	13.7	0.00102	0.000991	0.00000499	0.00717	0.00116	0.0176	0.0172	0.00000503	17	0.0000142	0.000235	0.000164	0.000986
2080 Nov	90.4	0.0822	0.0288	0.00145	15.4	0.0427	17	0.00101	0.00098	0.00000495	0.00734	0.00118	0.0197	0.0178	0.000005	18.1	0.0000155	0.000252	0.000182	0.00103
2080 Dec	94.5	0.082	0.031	0.00149	15.8	0.0427	18.1	0.00102	0.000978	0.00000494	0.00732	0.00119	0.0205	0.0179	0.000005	18.4	0.0000158	0.000258	0.000187	0.00104
2081 Jan	95.4	0.0818	0.0315	0.0015	15.9	0.0427	18.4	0.00102	0.000978	0.00000494	0.00732	0.0012	0.0206	0.018	0.000005	18.5	0.0000159	0.000259	0.000189	0.00104
2081 Feb	95.8	0.0817	0.0318	0.0015	15.9	0.0428	18.5	0.00102	0.000978	0.00000495	0.00731	0.0012	0.0207	0.018	0.000005	18.5	0.0000159	0.00026	0.000189	0.00105
2081 Mar	96	0.0817	0.0318	0.0015	15.9	0.0428	18.6	0.00102	0.000978	0.00000495	0.00732	0.0012	0.0208	0.018	0.000005	18.5	0.0000159	0.00026	0.00019	0.00105
2081 Apr	96.6	0.0822	0.032	0.00151	16	0.0429	18.7	0.00102	0.000983	0.00000497	0.00735	0.00121	0.0208	0.0182	0.00000503	18.7	0.000016	0.000262	0.000193	0.00105
2081 May	120	0.074	0.0435	0.00163	19.8	0.0359	22.6	0.00103	0.000982	0.00000498	0.00692	0.00146	0.022	0.0265	0.00000504	25.3	0.000019	0.000358	0.00037	0.00118
2081 Jun	145	0.0517	0.0613	0.00203	19.5	0.0344	31.7	0.00104	0.000959	0.00000491	0.00663	0.00134	0.0291	0.0213	0.00000502	22.8	0.0000215	0.000361	0.00031	0.00112
2081 Jul	143	0.0492	0.0601	0.00208	19.1	0.0363	31.1	0.00112	0.00103	0.00000528	0.00714	0.00137	0.0294	0.0208	0.00000539	22.4	0.0000226	0.000359	0.000291	0.00114
2081 Aug	140	0.0502	0.0575	0.00208	19.2	0.0391	29.9	0.00117	0.00109	0.00000557	0.00737	0.00142	0.0291	0.0213	0.00000567	22.7	0.0000219	0.000358	0.000287	0.00117
2081 Sep	104	0.0618	0.0371	0.00166	16.5	0.0414	19.9	0.00111	0.00106	0.00000537	0.00727	0.00129	0.0226	0.0193	0.00000543	19.7	0.0000172	0.000297	0.00022	0.00106
2081 Oct	92	0.0733	0.0297	0.00151	15.7	0.0422	16.5	0.00108	0.00105	0.00000528	0.00755	0.00125	0.0201	0.0188	0.00000533	18.8	0.0000167	0.000274	0.000199	0.00104
2081 Nov	77.9	0.085	0.0215	0.00133	14.6	0.0426	12.7	0.00104	0.00102	0.00000513	0.00777	0.00119	0.0172	0.0181	0.00000516	17.7	0.000016	0.000248	0.000175	0.00101
2081 Dec	75	0.0878	0.0198	0.00129	14.5	0.0428	11.9	0.00104	0.00102	0.00000511	0.00784	0.00118	0.0166	0.018	0.00000514	17.5	0.0000159	0.000242	0.00017	0.00101
2082 Jan	75	0.0878	0.0198	0.00129	14.5	0.0428	11.9	0.00104	0.00102	0.00000511	0.00784	0.00118	0.0166	0.018	0.00000514	17.5	0.0000159	0.000242	0.00017	0.00101
2082 Feb	75.1	0.0878	0.0198	0.0013	14.5	0.0429	11.9	0.00104	0.00102	0.00000512	0.00784	0.00118	0.0166	0.018	0.00000514	17.5	0.0000159	0.000243	0.00017	0.00101
2082 Mar	75.1	0.0879	0.0198	0.0013	14.5	0.0429	11.9	0.00104	0.00102	0.00000512	0.00785	0.00118	0.0166	0.018	0.00000515	17.5	0.0000159	0.000243	0.00017	0.00101
2082 Apr	75.4	0.0882	0.0199	0.0013	14.5	0.043	12	0.00104	0.00102	0.00000514	0.00787	0.00119	0.0167	0.0181	0.00000517	17.6	0.0000159	0.000244	0.000171	0.00101
2082 May	76.8	0.0898	0.0202	0.00132	14.8	0.0438	12.2	0.00106	0.00104	0.00000523	0.00802	0.00121	0.017	0.0185	0.00000526	17.9	0.0000162	0.000248	0.000175	0.00103

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	119	0.0499	0.0479	0.0018	16.1	0.0347	25.7	0.00104	0.000969	0.00000493	0.00695	0.0012	0.0257	0.0176	0.00000502	19.1	0.0000207	0.000311	0.000227	0.00101
2082 Jul	107	0.0338	0.0427	0.00174	14.4	0.034	22.4	0.00107	0.00101	0.00000513	0.00677	0.0012	0.0233	0.0166	0.00000521	17.4	0.0000197	0.000285	0.000205	0.000976
2082 Aug	94.1	0.0354	0.0347	0.00161	13.8	0.0375	18.4	0.00109	0.00105	0.00000529	0.00668	0.00121	0.0211	0.0168	0.00000535	17	0.0000166	0.000265	0.000186	0.000967
2082 Sep	81.9	0.0486	0.0267	0.00146	13.5	0.04	14.6	0.00108	0.00105	0.00000527	0.00687	0.00119	0.0189	0.0168	0.00000531	16.7	0.0000149	0.00025	0.000167	0.000953
2082 Oct	80	0.0783	0.0236	0.00136	14.2	0.0417	14	0.00102	0.000992	0.000005	0.00742	0.00116	0.0178	0.0172	0.00000503	17.1	0.0000155	0.000242	0.000166	0.000991
2082 Nov	88.4	0.0787	0.0281	0.00144	15	0.042	16.4	0.00103	0.00099	0.000005	0.00741	0.00118	0.0195	0.0175	0.00000505	17.8	0.000016	0.000255	0.000178	0.00102
2082 Dec	89.5	0.0786	0.0287	0.00146	15.1	0.042	16.7	0.00103	0.00099	0.000005	0.0074	0.00119	0.0197	0.0176	0.00000505	17.9	0.0000161	0.000257	0.00018	0.00102
2083 Jan	89.9	0.0785	0.0289	0.00146	15.1	0.042	16.9	0.00103	0.00099	0.000005	0.0074	0.00119	0.0198	0.0176	0.00000505	17.9	0.0000161	0.000258	0.00018	0.00102
2083 Feb	90.1	0.0785	0.029	0.00146	15.1	0.042	16.9	0.00103	0.000991	0.000005	0.0074	0.00119	0.0198	0.0176	0.00000505	17.9	0.0000161	0.000258	0.000181	0.00102
2083 Mar	90.2	0.0786	0.029	0.00147	15.1	0.0421	16.9	0.00103	0.000992	0.00000501	0.00741	0.00119	0.0198	0.0176	0.00000506	17.9	0.0000162	0.000258	0.000181	0.00102
2083 Apr	90.6	0.079	0.0292	0.00147	15.2	0.0423	17	0.00104	0.000997	0.00000504	0.00745	0.0012	0.0199	0.0177	0.00000509	18	0.0000162	0.000259	0.000182	0.00103
2083 May	109	0.0743	0.0378	0.00157	18	0.0378	20.5	0.00104	0.000997	0.00000504	0.00717	0.00139	0.0213	0.0237	0.00000511	22.9	0.0000184	0.00033	0.00031	0.00113
2083 Jun	140	0.0474	0.059	0.002	18.1	0.0342	31.5	0.00104	0.000953	0.00000488	0.00665	0.00129	0.0293	0.0194	0.00000499	21.4	0.0000215	0.000354	0.000278	0.00108
2083 Jul	115	0.0369	0.0466	0.00182	15.2	0.0349	24.7	0.00108	0.00101	0.00000513	0.00678	0.00124	0.025	0.0173	0.00000522	18.5	0.00002	0.000304	0.000221	0.00101
2083 Aug	78	0.0278	0.0269	0.00145	12.2	0.0388	14.6	0.00107	0.00103	0.00000519	0.00599	0.0012	0.0175	0.0162	0.00000523	15.5	0.0000125	0.000218	0.000165	0.000955
2083 Sep	82.9	0.0603	0.0267	0.00143	13.8	0.0413	15.4	0.00104	0.001	0.00000505	0.00681	0.00119	0.0185	0.017	0.0000051	16.9	0.0000141	0.000238	0.000171	0.000997
2083 Oct	119	0.0808	0.0445	0.00175	17.5	0.0426	25.8	0.00103	0.000961	0.00000489	0.00723	0.00126	0.0256	0.0187	0.00000498	20.3	0.0000178	0.000303	0.000222	0.00111
2083 Nov	129	0.0797	0.05	0.00186	18.4	0.0426	28.8	0.00104	0.000956	0.00000488	0.00717	0.00128	0.0277	0.019	0.00000497	21.1	0.0000185	0.00032	0.000236	0.00114
2083 Dec	130	0.0793	0.0508	0.00188	18.5	0.0426	29.3	0.00104	0.000956	0.00000488	0.00715	0.00129	0.028	0.0191	0.00000498	21.2	0.0000186	0.000323	0.000238	0.00114
2084 Jan	131	0.0792	0.0511	0.00188	18.5	0.0426	29.4	0.00104	0.000956	0.00000488	0.00715	0.00129	0.0281	0.0191	0.00000498	21.2	0.0000186	0.000323	0.000238	0.00114
2084 Feb	131	0.0791	0.0512	0.00188	18.5	0.0426	29.5	0.00104	0.000956	0.00000488	0.00715	0.00129	0.0282	0.0191	0.00000498	21.2	0.0000186	0.000324	0.000239	0.00114
2084 Mar	131	0.0792	0.0513	0.00189	18.5	0.0427	29.5	0.00104	0.000957	0.00000488	0.00715	0.00129	0.0282	0.0191	0.00000499	21.2	0.0000186	0.000324	0.000239	0.00114
2084 Apr	132	0.0798	0.0517	0.0019	18.7	0.043	29.8	0.00105	0.000964	0.00000492	0.00721	0.0013	0.0284	0.0193	0.00000503	21.4	0.0000188	0.000327	0.000241	0.00115
2084 May	134	0.0722	0.0515	0.0018	20.5	0.0362	27.5	0.00105	0.000974	0.00000496	0.00689	0.0015	0.0256	0.0264	0.00000505	26.1	0.0000203	0.000388	0.000382	0.00122
2084 Jun	138	0.0474	0.0592	0.00201	17.9	0.0341	31.1	0.00105	0.00095	0.00000487	0.00663	0.0013	0.0291	0.0194	0.00000498	21.3	0.0000214	0.000361	0.000277	0.00107
2084 Jul	117	0.0385	0.0481	0.00185	15.6	0.0348	25.1	0.00109	0.00101	0.00000516	0.00685	0.00126	0.0254	0.0179	0.00000525	19	0.0000205	0.000319	0.000232	0.00103
2084 Aug	102	0.0385	0.0391	0.0017	14.7	0.0378	20.6	0.00111	0.00104	0.00000529	0.00672	0.00126	0.0227	0.0177	0.00000536	18.2	0.0000173	0.000291	0.000207	0.00101
2084 Sep	80.2	0.0526	0.0257	0.00142	13.6	0.0403	14.2	0.00106	0.00102	0.00000516	0.00675	0.00119	0.0186	0.017	0.00000521	16.9	0.000014	0.000254	0.000169	0.000945
2084 Oct	72.5	0.079	0.0195	0.00128	13.7	0.042	11.8	0.00102	0.000997	0.00000501	0.00743	0.00115	0.0165	0.0171	0.00000504	16.7	0.0000147	0.000237	0.000158	0.000973
2084 Nov	81	0.0837	0.0238	0.00136	14.5	0.0425	14.4	0.00102	0.000986	0.00000497	0.00751	0.00117	0.0181	0.0175	0.00000501	17.5	0.0000155	0.00025	0.00017	0.00101
2084 Dec	82	0.0835	0.0243	0.00137	14.6	0.0425	14.7	0.00102	0.000987	0.00000497	0.0075	0.00118	0.0183	0.0175	0.00000502	17.6	0.0000156	0.000252	0.000172	0.00101
2085 Jan	82.5	0.0834	0.0246	0.00138	14.6	0.0425	14.8	0.00102	0.000986	0.00000497	0.0075	0.00118	0.0185	0.0176	0.00000502	17.6	0.0000156	0.000252	0.000172	0.00101
2085 Feb	82.7	0.0834	0.0248	0.00138	14.7	0.0425	14.9	0.00102	0.000987	0.00000497	0.0075	0.00118	0.0185	0.0176	0.00000502	17.6	0.0000156	0.000253	0.000173	0.00101
2085 Mar	82.8	0.0834	0.0248	0.00138	14.7	0.0425	14.9	0.00102	0.000987	0.00000498	0.0075	0.00118	0.0185	0.0176	0.00000502	17.6	0.0000156	0.000253	0.000173	0.00101
2085 Apr	83.1	0.0838	0.0249	0.00139	14.7	0.0427	15	0.00103	0.000991	0.000005	0.00753	0.00119	0.0186	0.0176	0.00000504	17.7	0.0000157	0.000254	0.000174	0.00102
2085 May	108	0.074	0.0368	0.0015	18.7	0.0348	19.2	0.00103	0.000986	0.00000499	0.00702	0.00147	0.0197	0.0268	0.00000504	25	0.0000189	0.00036	0.000371	0.00116
2085 Jun	135	0.0509	0.0548	0.0019	18.5	0.033	28.9	0.00106	0.000971	0.00000496	0.00676	0.00139	0.0272	0.0227	0.00000506	23.4	0.0000218	0.00038	0.00033	0.00112
2085 Jul	114	0.0419	0.0442	0.00175	16.3	0.0345	23.3	0.00109	0.00102	0.0000052	0.00677	0.00136	0.0235	0.0211	0.00000528	21	0.0000198	0.000331	0.000283	0.00108
2085 Aug	83.8	0.0374	0.0283	0.00145	13.6	0.038	15.2	0.00107	0.00102	0.00000517	0.00622	0.00126	0.0184	0.0185	0.00000521	17.7	0.0000138	0.000261	0.000209	0.000976
2085 Sep	77.4	0.0675	0.0226	0.00133	13.9	0.0416	13.4	0.00103	0.000993	0.000005	0.00689	0.00119	0.0176	0.0176	0.00000504	17.3	0.0000135	0.000247	0.000174	0.000973
2085 Oct	109	0.0785	0.0388	0.00164	16.6	0.0427	23.3	0.00103	0.000966	0.0000049	0.00716	0.00125	0.0241	0.0186	0.00000498	19.8	0.0000168	0.000296	0.000212	0.00108
2085 Nov	133	0.0774	0.0517	0.0019	18.4	0.043	30.7	0.00104	0.000953	0.00000487	0.00707	0.00131	0.0292	0.0193	0.00000498	21.6	0.0000185	0.000335	0.000243	0.00115
2085 Dec	135	0.077	0.0526	0.00192	18.5	0.043	31.2	0.00105	0.000953	0.00000487	0.00706	0.00131	0.0295	0.0193	0.00000498	21.7	0.0000186	0.000338	0.000246	0.00116
2086 Jan	136	0.0769	0.0529	0.00192	18.6	0.043	31.4	0.00105	0.000953	0.00000487	0.00705	0.00132	0.0296	0.0194	0.00000498	21.7	0.0000187	0.000339	0.000246	0.00116
2086 Feb	136	0.0768	0.0531	0.00193	18.6	0.043	31.5	0.00105	0.000953	0.00000487	0.00705	0.00132	0.0297	0.0194	0.00000499	21.8	0.0000187	0.00034	0.000247	0.00116
2086 Mar	136	0.0768	0.0532	0.00193	18.6	0.043	31.5	0.00105	0.000954	0.00000487	0.00705	0.00132	0.0298	0.0194	0.00000499	21.8	0.0000187	0.00034	0.000247	0.00116
2086 Apr	137	0.0772	0.0535	0.00194	18.7	0.0433	31.7	0.00105	0.000959	0.0000049	0.00709	0.00133	0.0299	0.0195	0.00000502	21.9	0.0000188	0.000342	0.000249	0.00117
2086 May	135	0.076	0.0514	0.00186	19.6	0.0402	29.4	0.00106	0.000977	0.00000498	0.00708	0.00143	0.0277	0.0233	0.00000508	24.3	0.0000196	0.000369	0.000319	0.0012
2086 Jun	136	0.0457	0.0575	0.00199	17.3	0.0343	31.3	0.00106	0.000954	0.00000488	0.00671	0.0013	0.0296	0.0189	0.000005	21	0.0000217	0.000364	0.000267	0.00107
2086 Jul	109	0.0347	0.0437	0.00179	14.3	0.0344	23.4	0.0011	0.00103	0.00000522	0.00699	0.00124	0.0245	0.017	0.0000053	18	0.0000207	0.000311	0.000212	0.000996
2086 Aug	83.2	0.0325	0.0292	0.00151	12.7	0.0381	15.8	0.00109	0.00104	0.00000526	0.00644	0.00121	0.0193	0.0164	0.00000531	16.2	0.0000148	0.000252	0.000172	0.000947
2086 Sep	67.5	0.0565	0.0183	0.00127	12.6	0.0415	10.8	0.00104	0.00101	0.00000508	0.00665	0.00115	0.0164	0.0163	0.00000511	15.8	0.0000119	0.00023	0.000145	0.00091
2086 Oct	73.8	0.0719	0.0205	0.00131	13.6	0.0425	12.5	0.00103	0.001	0.00000503	0.00712	0.00117	0.0173	0.0169	0.00000507	16.7	0.0000136	0.000241	0.000156	0.000964
2086 Nov	74.3	0.0723	0.0208	0.00131	13.7	0.0427	12.7	0.00104	0.001	0.00000505	0.00715	0.00117	0.0174	0.017	0.00000509	16.8	0.0000137	0.000242	0.000157	0.000969
2086 Dec	74.4	0.0723	0.0208	0.00131	13.7	0.0427	12.7	0.00104	0.001	0.00000505	0.00715	0.00117	0.0174	0.017	0.00000509	16.8	0.0000137	0.000242	0.000157	0.000969
2087 Jan	74.4	0.0724	0.0208	0.00131	13.7	0.0427	12.7	0.00104	0.001	0.00000505	0.00715	0.00117	0.0174	0.017	0.00000509	16.8	0.0000137	0.000242	0.000157	0.00097
2087 Feb	74.4	0.0724	0.0208	0.00132	13.7	0.0427	12.7	0.00104	0.001	0.00000506	0.00716	0.00117	0.0174	0.017	0.00000509	16.8	0.0000137	0.000242	0.000157	0.00097
2087 Mar	74.5	0.0725	0.0208	0.00132	13.7	0.0428	12.7	0.00104	0.00101	0.00000506	0.00717	0.00117	0.0175	0.0171	0.0000051	16.8	0.0000137	0.000242	0.000158	0.000971
2087 Apr	74.7	0.0727	0.0209	0.00132	13.7	0.0429	12.7	0.00104	0.00101	0.00000508	0.00719	0.00118	0.0175	0.0171	0.00000511	16.9	0.0000138	0.000243	0.000158	0.000974
2087 May	96.5	0.0707	0.0321	0.0015	16.3	0.0402	18.1	0.00105	0.001	0.00000506	0.00703	0.00132	0.0205	0.0211	0.00000512	20.7	0.0000161	0.000306	0.000251	0.00107
2087 Jun	120	0.044	0.0486	0.0018	16.4	0.0314	25.5	0.00106	0.000971	0.00000495	0.00684	0.00131	0.0253	0.0205	0.00000504	21.1	0.0000219	0.00036	0.000288	0.00104
2087 Jul	89.5	0.0311	0.033	0.00154	13	0.0325	17.2	0.00107	0.00102	0.00000513	0.00667	0.00123	0.0195	0.0179	0.00000519	17.4	0.0000186	0.000282	0.000219	0.000957
2087 Aug	82.1	0.0302	0.0284	0.00149	12.7	0.0359	14.9	0.00111	0.00106	0.00000535	0.00664	0.00126	0.0182	0.0179	0.0000054	17	0.0000165	0.000262	0.000203	0.000975
2087 Sep	75.4	0.0484	0.023	0.00139	12.9	0.0387	12.7	0.0011	0.00106	0.00000535	0.00708	0.00124	0.0169	0.0179	0.00000539	16.9	0.0000159	0.000251	0.000187	0.000984
2087 Oct	67.7	0.0672	0.0176	0.00127	12.9	0.0404	10.4	0.00106	0.00104	0.00000522	0.00747	0.00119	0.0152	0.0176	0.00000524	16.5	0.0000156	0.000234	0.000169	0.000981
2087 Nov	65.2	0.0736	0.0157	0.00123	12.8	0.0409	9.58	0.00105	0.00103	0.00000517	0.0076	0.00118	0.0147	0.0175	0.0000052	16.4	0.0000154	0.000229	0.000163	0.00098
2087 Dec	65.2	0.0736	0.0157	0.00123	12.8	0.041	9.58	0.00105	0.00103	0.00000518	0.0076	0.00118	0.0147	0.0175	0.0000052	16.4	0.0000154	0.000229	0.000163	0.00098
2088 Jan	65.2	0.0737	0.0157	0.00123	12.9	0.041	9.58	0.00105	0.00103	0.00000518	0.00761	0.00118	0.0147	0.0175	0.0000052	16.4	0.0000154	0.000229	0.000163	0.00098
2088 Feb	65.2	0.0737	0.0157	0.00123	12.9	0.041	9.58	0.00105	0.00103	0.00000518	0.00761	0.00118	0.0147	0.0175	0.0000052	16.4	0.0000154	0.000229	0.000163	0.000981
2088 Mar	65.3	0.0738	0.0157	0.00123	12.9	0.041	9.6	0.00105	0.00103	0.00000518	0.00762	0.00118	0.0147	0.0176	0.00000521	16.4	0.0000155	0.000229	0.000163	0.000982
2088 Apr	66	0.0746	0.0159	0.00124	13	0.0415	9.7	0.00106	0.00104	0.00000524	0.0077	0.0012	0.0149	0.0178	0.00000526	16.6	0.0000156	0.000232	0.000165	0.000993
2088 May	69.8	0.0777	0.0169	0.00126	14	0.0417	9.98	0.00109	0.00107	0.00000536	0.00783	0.00127	0.015	0.0198	0.00000538	18.2	0.0000162	0.000251	0.000199	0.00104
2088 Jun	100	0.0373	0.0385	0.00162	13.4	0.0305	20.8	0.00104	0.000974	0.00000494	0.00701	0.00117	0.0225	0.0167	0.00000502	17.5	0.0000215	0.000309	0.000213	0.000925
2088 Jul	94.3	0.0298	0.0358	0.00163	12.4	0.0305	19.1	0.00109	0.00103	0.00000522	0.00735	0.00116	0.0219	0.0158	0.00000529	16.4	0.0000225	0.000299	0.000191	0.000906
2088 Aug	93.2	0.0324	0.034	0.00165	12.9	0.0342	18.2	0.00116	0.0011	0.00000555	0.00758	0.00123	0.0219	0.0167	0.00000561	17	0.0000216	0.000301	0.000191	0.000953
2088 Sep	86.3	0.0424	0.0291	0.00155	13	0.0367	16	0.00115	0.0011	0.00000553	0.00763	0.00122	0.0205	0.0169	0.00000559	17	0.0000198	0.000287	0.00018	0.000956
2088 Oct	64.3	0.0814	0.0148	0.0012	12.7	0.0406	9.45	0.00104	0.00102	0.00000511	0.00796	0.00113	0.015	0.0167	0.00000513	16	0.0000166	0.000231	0.000148	0.000955

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	61	0.0882	0.0124	0.00115	12.7	0.0415	8.42	0.00102	0.00101	0.00000506	0.00805	0.00112	0.0142	0.0167	0.00000508	15.9	0.0000162	0.000223	0.000143	0.000959
2088 Dec	61	0.0883	0.0124	0.00115	12.7	0.0415	8.42	0.00103	0.00101	0.00000507	0.00806	0.00112	0.0142	0.0168	0.00000508	15.9	0.0000162	0.000223	0.000143	0.000959
2089 Jan	61.1	0.0883	0.0124	0.00115	12.7	0.0415	8.42	0.00103	0.00101	0.00000507	0.00806	0.00112	0.0142	0.0168	0.00000508	15.9	0.0000162	0.000223	0.000143	0.00096
2089 Feb	61.1	0.0883	0.0125	0.00115	12.7	0.0415	8.42	0.00103	0.00101	0.00000507	0.00806	0.00112	0.0142	0.0168	0.00000508	15.9	0.0000162	0.000223	0.000143	0.00096
2089 Mar	61.2	0.0885	0.0125	0.00116	12.8	0.0416	8.44	0.00103	0.00101	0.00000508	0.00807	0.00113	0.0142	0.0168	0.00000509	15.9	0.0000162	0.000223	0.000143	0.000961
2089 Apr	61.6	0.0891	0.0126	0.00116	12.8	0.0419	8.5	0.00103	0.00102	0.00000511	0.00813	0.00113	0.0143	0.0169	0.00000513	16.1	0.0000164	0.000225	0.000144	0.000968
2089 May	93.6	0.0809	0.029	0.00143	16.4	0.0386	16.5	0.00105	0.00101	0.00000509	0.00761	0.00135	0.019	0.0225	0.00000514	21.4	0.0000185	0.000314	0.000274	0.0011
2089 Jun	124	0.0494	0.0481	0.00177	17.6	0.0314	25.7	0.00107	0.00099	0.00000504	0.00694	0.00143	0.025	0.0239	0.00000513	23.7	0.0000223	0.000388	0.000347	0.00111
2089 Jul	94.2	0.0356	0.0336	0.00154	14.2	0.0332	17.8	0.00108	0.00103	0.0000052	0.00668	0.00133	0.0196	0.0206	0.00000526	19.5	0.0000186	0.000304	0.000265	0.00102
2089 Aug	77.5	0.0297	0.025	0.00142	12.7	0.037	13.4	0.0011	0.00107	0.00000537	0.00636	0.0013	0.0165	0.0192	0.00000541	17.5	0.0000146	0.000251	0.000218	0.00101
2089 Sep	72.1	0.0504	0.0205	0.00133	12.9	0.0396	11.7	0.00108	0.00105	0.00000528	0.00684	0.00126	0.0158	0.0186	0.00000531	17.2	0.0000143	0.000241	0.000194	0.000999
2089 Oct	100	0.0819	0.0333	0.00155	15.8	0.043	20.9	0.00104	0.000979	0.00000496	0.00742	0.00126	0.0224	0.0187	0.00000503	19.4	0.0000169	0.000289	0.000206	0.00109
2089 Nov	108	0.0834	0.037	0.00163	16.4	0.0435	23.2	0.00105	0.000978	0.00000496	0.00745	0.00128	0.0241	0.0189	0.00000504	20	0.0000175	0.000303	0.000215	0.00111
2089 Dec	108	0.0833	0.0372	0.00163	16.4	0.0435	23.4	0.00105	0.000979	0.00000497	0.00745	0.00128	0.0242	0.019	0.00000505	20.1	0.0000175	0.000304	0.000216	0.00111
2090 Jan	109	0.0833	0.0373	0.00164	16.5	0.0436	23.4	0.00105	0.000979	0.00000497	0.00745	0.00128	0.0242	0.019	0.00000505	20.1	0.0000175	0.000304	0.000216	0.00111
2090 Feb	109	0.0833	0.0374	0.00164	16.5	0.0436	23.4	0.00105	0.000979	0.00000497	0.00745	0.00128	0.0243	0.019	0.00000505	20.1	0.0000175	0.000304	0.000216	0.00112
2090 Mar	109	0.0834	0.0374	0.00164	16.5	0.0436	23.5	0.00105	0.00098	0.00000497	0.00746	0.00128	0.0243	0.019	0.00000506	20.1	0.0000176	0.000304	0.000216	0.00112
2090 Apr	109	0.0838	0.0376	0.00165	16.6	0.0438	23.6	0.00106	0.000985	0.000005	0.00749	0.00129	0.0244	0.0191	0.00000508	20.2	0.0000176	0.000306	0.000217	0.00112
2090 May	113	0.0833	0.0388	0.00166	17.2	0.043	23.9	0.00107	0.000997	0.00000506	0.00751	0.00135	0.0245	0.0208	0.00000514	21.5	0.0000182	0.000324	0.00025	0.00115
2090 Jun	131	0.0426	0.0536	0.00194	16.1	0.0344	31.4	0.00107	0.000963	0.00000492	0.00687	0.00129	0.0301	0.0183	0.00000505	20.6	0.0000223	0.000367	0.000256	0.00106
2090 Jul	99.3	0.031	0.0376	0.00166	12.9	0.0328	21.4	0.0011	0.00102	0.00000519	0.00709	0.00121	0.0233	0.0164	0.00000527	17.2	0.0000212	0.000304	0.000201	0.000954
2090 Aug	99.6	0.0468	0.0355	0.0016	14.8	0.0422	21.3	0.00106	0.000994	0.00000504	0.00615	0.00125	0.024	0.0175	0.00000512	18.6	0.000013	0.000296	0.000192	0.000991
2090 Sep	119	0.0666	0.044	0.00177	16.9	0.0438	27	0.00107	0.000977	0.00000497	0.00673	0.00131	0.0276	0.0189	0.00000507	20.7	0.0000159	0.000332	0.000224	0.0011
2090 Oct	135	0.0813	0.0518	0.00192	18.4	0.0441	32	0.00107	0.00096	0.00000491	0.00726	0.00137	0.0304	0.0199	0.00000503	22.3	0.0000191	0.000362	0.000253	0.00119
2090 Nov	138	0.0803	0.054	0.00197	18.6	0.0441	33.2	0.00107	0.000958	0.0000049	0.00721	0.00138	0.0312	0.02	0.00000503	22.6	0.0000193	0.00037	0.000258	0.0012
2090 Dec	140	0.0799	0.0548	0.00198	18.7	0.0441	33.6	0.00108	0.000958	0.0000049	0.0072	0.00138	0.0315	0.0201	0.00000504	22.7	0.0000194	0.000373	0.00026	0.0012
2091 Jan	140	0.0797	0.0551	0.00199	18.8	0.0441	33.8	0.00108	0.000958	0.0000049	0.00719	0.00138	0.0317	0.0201	0.00000504	22.8	0.0000194	0.000374	0.000261	0.0012
2091 Feb	140	0.0796	0.0553	0.00199	18.8	0.0441	33.9	0.00108	0.000958	0.0000049	0.00719	0.00139	0.0317	0.0201	0.00000504	22.8	0.0000194	0.000374	0.000262	0.0012
2091 Mar	141	0.0798	0.0554	0.002	18.8	0.0442	34	0.00108	0.00096	0.00000491	0.00721	0.00139	0.0318	0.0202	0.00000505	22.9	0.0000195	0.000375	0.000262	0.00121
2091 Apr	142	0.0804	0.0559	0.00201	19	0.0446	34.3	0.00109	0.000968	0.00000495	0.00726	0.0014	0.0321	0.0203	0.00000509	23	0.0000196	0.000378	0.000264	0.00122
2091 May	143	0.0785	0.0559	0.00199	19.9	0.0424	33.3	0.0011	0.000984	0.00000503	0.00724	0.00149	0.031	0.0233	0.00000516	25	0.0000204	0.000403	0.00032	0.00125
2091 Jun	132	0.0459	0.0552	0.00197	16.8	0.0345	30.9	0.00109	0.000968	0.00000495	0.00685	0.00135	0.0296	0.0197	0.00000508	21.6	0.0000221	0.000388	0.000278	0.00108
2091 Jul	116	0.0389	0.0465	0.00186	15	0.0343	25.6	0.00114	0.00104	0.00000531	0.00733	0.00132	0.0266	0.0186	0.00000541	19.7	0.0000227	0.000357	0.000243	0.00104
2091 Aug	82.3	0.0401	0.0277	0.00146	13.1	0.0391	15.6	0.00108	0.00102	0.00000516	0.00643	0.00121	0.02	0.0169	0.00000522	17	0.000014	0.000274	0.000176	0.000929
2091 Sep	77.8	0.0559	0.0236	0.00137	13.6	0.0424	14.1	0.00105	0.001	0.00000506	0.00649	0.00119	0.0192	0.017	0.00000511	17.1	0.0000119	0.000263	0.000162	0.000932
2091 Oct	107	0.0736	0.0384	0.00166	16.2	0.0434	23.6	0.00106	0.000974	0.00000495	0.00701	0.00129	0.025	0.0186	0.00000503	19.9	0.0000161	0.000317	0.000211	0.00108
2091 Nov	136	0.0791	0.0533	0.00196	18.4	0.0442	32.6	0.00108	0.00096	0.00000491	0.00717	0.00138	0.031	0.02	0.00000504	22.5	0.000019	0.000373	0.000256	0.00119
2091 Dec	136	0.0793	0.0534	0.00196	18.5	0.0442	32.7	0.00108	0.000961	0.00000492	0.00718	0.00139	0.0311	0.02	0.00000505	22.6	0.000019	0.000374	0.000257	0.00119
2092 Jan	137	0.0791	0.0539	0.00197	18.5	0.0442	33	0.00108	0.000961	0.00000492	0.00717	0.00139	0.0313	0.0201	0.00000505	22.6	0.0000191	0.000376	0.000258	0.00119
2092 Feb	137	0.0791	0.054	0.00197	18.5	0.0443	33	0.00108	0.000961	0.00000492	0.00717	0.00139	0.0313	0.0201	0.00000505	22.7	0.0000191	0.000376	0.000258	0.0012
2092 Mar	138	0.0792	0.0542	0.00198	18.6	0.0444	33.1	0.00108	0.000963	0.00000493	0.00719	0.00139	0.0314	0.0201	0.00000506	22.7	0.0000191	0.000377	0.000259	0.0012
2092 Apr	139	0.0798	0.0546	0.00199	18.7	0.0447	33.4	0.00109	0.00097	0.00000496	0.00724	0.0014	0.0316	0.0203	0.0000051	22.9	0.0000193	0.00038	0.000261	0.00121
2092 May	140	0.0774	0.0548	0.00196	19.7	0.042	32.5	0.0011	0.000984	0.00000503	0.00717	0.0015	0.0305	0.0236	0.00000515	25.1	0.0000201	0.000408	0.000325	0.00125
2092 Jun	135	0.0471	0.0581	0.00203	17	0.0352	32.4	0.00109	0.000953	0.00000489	0.00673	0.00137	0.0309	0.0196	0.00000502	21.7	0.0000217	0.000402	0.000278	0.00109
2092 Jul	95	0.031	0.0374	0.00166	12.7	0.0324	20.2	0.00109	0.00101	0.00000512	0.00695	0.00121	0.0225	0.0163	0.0000052	16.9	0.0000205	0.00031	0.000198	0.000938
2092 Aug	89.4	0.0337	0.0332	0.00161	12.8	0.0359	18	0.00113	0.00105	0.00000533	0.00699	0.00124	0.0215	0.0168	0.0000054	17	0.0000185	0.000299	0.000189	0.000955
2092 Sep	75.5	0.0472	0.0239	0.00141	12.6	0.0389	13.5	0.00109	0.00104	0.00000524	0.00695	0.00119	0.0186	0.0166	0.00000529	16.4	0.0000153	0.000266	0.000163	0.000925
2092 Oct	70.8	0.066	0.0198	0.00131	12.9	0.0406	11.9	0.00106	0.00102	0.00000514	0.00735	0.00117	0.0171	0.0168	0.00000517	16.4	0.0000153	0.000251	0.000157	0.000949
2092 Nov	72	0.0697	0.0202	0.00132	13.1	0.0411	12.3	0.00106	0.00102	0.00000512	0.00742	0.00118	0.0173	0.017	0.00000516	16.6	0.0000154	0.000253	0.000159	0.000962
2092 Dec	72.2	0.0697	0.0203	0.00132	13.1	0.0411	12.3	0.00106	0.00102	0.00000513	0.00743	0.00118	0.0174	0.017	0.00000516	16.7	0.0000155	0.000254	0.00016	0.000963
2093 Jan	72.4	0.0697	0.0203	0.00132	13.1	0.0411	12.4	0.00106	0.00102	0.00000513	0.00743	0.00118	0.0174	0.017	0.00000516	16.7	0.0000155	0.000254	0.00016	0.000964
2093 Feb	72.5	0.0697	0.0204	0.00132	13.1	0.0411	12.4	0.00106	0.00102	0.00000513	0.00743	0.00118	0.0174	0.017	0.00000517	16.7	0.0000155	0.000254	0.00016	0.000964
2093 Mar	72.7	0.07	0.0204	0.00133	13.2	0.0413	12.4	0.00106	0.00102	0.00000515	0.00745	0.00118	0.0175	0.017	0.00000518	16.7	0.0000155	0.000255	0.000161	0.000967
2093 Apr	73.2	0.0705	0.0206	0.00134	13.3	0.0416	12.5	0.00107	0.00103	0.00000518	0.00751	0.00119	0.0176	0.0172	0.00000522	16.9	0.0000156	0.000257	0.000162	0.000974
2093 May	87	0.0705	0.0266	0.00139	15.7	0.0383	14.9	0.00108	0.00103	0.00000519	0.00736	0.00136	0.0183	0.0225	0.00000524	21.2	0.0000174	0.000318	0.000272	0.00107
2093 Jun	135	0.0473	0.0569	0.002	17	0.0353	32.5	0.0011	0.000962	0.00000493	0.00681	0.00139	0.031	0.0202	0.00000507	22.3	0.0000221	0.000409	0.000289	0.00111
2093 Jul	110	0.0367	0.0443	0.00181	14.4	0.0356	25.1	0.00112	0.00102	0.0000052	0.00692	0.00132	0.026	0.0182	0.0000053	19.2	0.0000205	0.000345	0.000233	0.00104
2093 Aug	96.2	0.0345	0.0361	0.00168	13.6	0.0384	20.6	0.00114	0.00106	0.00000536	0.00675	0.00131	0.0228	0.0179	0.00000544	18.2	0.0000174	0.000306	0.000208	0.00103
2093 Sep	82.2	0.0548	0.0267	0.00147	13.4	0.0405	15.8	0.0011	0.00104	0.00000527	0.00714	0.00125	0.0196	0.0176	0.00000533	17.4	0.0000161	0.000274	0.000183	0.00101
2093 Oct	96.1	0.0834	0.032	0.00154	15.4	0.0432	20.4	0.00105	0.000978	0.00000495	0.0075	0.00127	0.0224	0.0184	0.00000503	19.2	0.000017	0.0003	0.0002	0.00108
2093 Nov	120	0.0845	0.0448	0.00179	17.3	0.0445	28.2	0.00107	0.000966	0.00000492	0.0074	0.00135	0.0281	0.0196	0.00000504	21.5	0.0000184	0.000353	0.000236	0.00116
2093 Dec	122	0.084	0.0459	0.00182	17.4	0.0445	28.9	0.00108	0.000966	0.00000493	0.00739	0.00136	0.0285	0.0197	0.00000504	21.7	0.0000185	0.000358	0.000239	0.00117
2094 Jan	123	0.0838	0.0463	0.00183	17.5	0.0445	29.1	0.00108	0.000966	0.00000493	0.00738	0.00137	0.0287	0.0197	0.00000505	21.7	0.0000185	0.000359	0.00024	0.00117
2094 Feb	123	0.0838	0.0464	0.00183	17.5	0.0445	29.2	0.00108	0.000966	0.00000493	0.00738	0.00137	0.0288	0.0197	0.00000505	21.8	0.0000186	0.00036	0.000241	0.00117
2094 Mar	123	0.0839	0.0466	0.00183	17.5	0.0446	29.3	0.00108	0.000968	0.00000494	0.00739	0.00137	0.0288	0.0198	0.00000506	21.8	0.0000186	0.000361	0.000241	0.00117
2094 Apr	124	0.0843	0.0468	0.00184	17.6	0.0449	29.4	0.00109	0.000973	0.00000496	0.00743	0.00138	0.029	0.0199	0.00000508	21.9	0.0000187	0.000363	0.000243	0.00118
2094 May	137	0.0775	0.0537	0.00194	19.3	0.0419	32.4	0.0011	0.000972	0.00000497	0.00714	0.00151	0.0305	0.0235	0.0000051	25	0.00002	0.000416	0.000324	0.00124
2094 Jun	129	0.0517	0.0518	0.00187	18	0.0336	29.2	0.00111	0.000992	0.00000506	0.00697	0.0015	0.0281	0.0243	0.00000518	24.7	0.0000226	0.000428	0.000356	0.00116
2094 Jul	117	0.0456	0.0449	0.0018	16.6	0.0346	25	0.00117	0.00107	0.00000542	0.00737	0.00149	0.0257	0.0233	0.00000552	23.1	0.0000227	0.000398	0.000322	0.00114
2094 Aug	116	0.0468	0.0436	0.00184	17	0.038	24.3	0.00123	0.00114	0.00000578	0.00767	0.00155	0.0258	0.024	0.00000588	23.6	0.0000223	0.000398	0.00032	0.00118
2094 Sep	91.7	0.0684	0.0292	0.00153	15.4	0.0406	17.1	0.00115	0.00109	0.00000549	0.00786	0.00138	0.0206	0.0213	0.00000555	20.7	0.0000191	0.000324	0.000248	0.0011
2094 Oct	74.8	0.0886	0.0193	0.00129	14.3	0.0423	12.6	0.00106	0.00102	0.00000514	0.00799	0.00124	0.017	0.019	0.00000518	18.3	0.0000169	0.000267	0.000191	0.00104
2094 Nov	87.2	0.0941	0.0258	0.00141	15.1	0.0439	17.5	0.00104	0.000979	0.00000494	0.00784	0.00124	0.0204	0.0186	0.00000501	19	0.0000169	0.000284	0.000192	0.00108
2094 Dec	93.4	0.0928	0.0292	0.00148	15.5	0.0441	19.7	0.00104	0.000976	0.00000493	0.00776	0.00126	0.022	0.0188	0.00000501	19.5	0.0000172	0.000298	0.0002	0.00109
2095 Jan	94.3	0.0925	0.0297	0.00149	15.6	0.0442	20	0.00104	0.000976	0.00000494	0.00776	0.00127	0.0222	0.0188	0.00000501	19.6	0.0000173	0.0003	0.000202	0.0011
2095 Feb	94.7	0.0925	0.0299	0.00149	15.6	0.0442	20.1	0.00104	0.000976	0.00000494	0.00775	0.00127	0.0223	0.0189	0.00000501	19.6	0.0000173	0.000301	0.000202	0.0011
2095 Mar	94.9	0.0926	0.03	0.00149	15.6	0.0442	20.1	0.00105	0.000977	0.00000494	0.00776	0.00127	0.0223	0.0189	0.00000502	19.6	0.0000173	0.000301	0.000202	0.0011

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	95.4	0.0931	0.0302	0.0015	15.7	0.0445	20.2	0.00105	0.000983	0.00000497	0.00781	0.00128	0.0225	0.019	0.00000505	19.7	0.0000174	0.000303	0.000204	0.00111
2095 May	114	0.081	0.039	0.00158	18.6	0.0381	23.3	0.00106	0.000982	0.00000498	0.00728	0.00151	0.0233	0.0262	0.00000507	25.4	0.0000196	0.000389	0.00036	0.00121
2095 Jun	130	0.0595	0.0487	0.00176	19.6	0.0326	27.5	0.00111	0.001	0.00000511	0.007	0.00164	0.0262	0.0292	0.00000522	28.1	0.0000226	0.000454	0.000439	0.00124
2095 Jul	116	0.0516	0.0419	0.00169	18	0.0351	23.6	0.00115	0.00107	0.00000541	0.00709	0.0016	0.0237	0.0273	0.0000055	25.8	0.0000211	0.000407	0.000389	0.00122
2095 Aug	80.8	0.0414	0.025	0.00137	14.1	0.0382	14.3	0.00108	0.00104	0.00000523	0.00627	0.00136	0.0177	0.0214	0.00000528	19.8	0.0000136	0.00029	0.000255	0.00103
2095 Sep	66.3	0.0503	0.0168	0.00122	13.1	0.0412	9.99	0.00106	0.00103	0.00000517	0.00632	0.00125	0.0158	0.019	0.0000052	17.7	0.0000108	0.000253	0.000192	0.000944
2095 Oct	63.5	0.062	0.0146	0.00118	13.1	0.0419	9.09	0.00105	0.00102	0.00000514	0.00673	0.00122	0.015	0.0187	0.00000516	17.4	0.0000116	0.000243	0.00018	0.000953
2095 Nov	58.8	0.0793	0.0112	0.00111	13	0.0426	7.7	0.00102	0.00101	0.00000504	0.00729	0.00117	0.0137	0.018	0.00000506	16.7	0.0000127	0.000226	0.000161	0.000958
2095 Dec	61.1	0.0812	0.0123	0.00113	13.2	0.0428	8.55	0.00102	0.001	0.00000503	0.00736	0.00118	0.0143	0.018	0.00000505	16.9	0.0000131	0.000231	0.000163	0.000969
2096 Jan	62.6	0.081	0.0131	0.00115	13.2	0.0429	9.05	0.00102	0.001	0.00000503	0.00735	0.00118	0.0147	0.0181	0.00000505	17	0.0000132	0.000234	0.000165	0.000974
2096 Feb	62.9	0.081	0.0132	0.00115	13.3	0.0429	9.13	0.00102	0.001	0.00000504	0.00735	0.00118	0.0147	0.0181	0.00000506	17.1	0.0000132	0.000234	0.000165	0.000975
2096 Mar	62.9	0.0811	0.0132	0.00115	13.3	0.043	9.14	0.00102	0.001	0.00000504	0.00736	0.00119	0.0148	0.0181	0.00000506	17.1	0.0000132	0.000235	0.000166	0.000976
2096 Apr	63.3	0.0816	0.0133	0.00116	13.4	0.0432	9.19	0.00103	0.00101	0.00000507	0.00741	0.00119	0.0148	0.0182	0.00000509	17.2	0.0000133	0.000236	0.000167	0.000982
2096 May	80.1	0.0788	0.0211	0.00126	15.6	0.0401	13.1	0.00105	0.00101	0.00000509	0.00729	0.00135	0.0168	0.0229	0.00000513	21.2	0.0000156	0.0003	0.000268	0.00108
2096 Jun	145	0.0483	0.0596	0.00208	17.1	0.0379	38	0.00111	0.000955	0.0000049	0.00684	0.00143	0.0353	0.0199	0.00000507	23.2	0.0000226	0.000431	0.000289	0.00116
2096 Jul	119	0.038	0.0469	0.00189	14.6	0.0369	29.2	0.00115	0.00103	0.00000525	0.0072	0.00135	0.0295	0.0181	0.00000538	20	0.0000221	0.000372	0.000236	0.00107
2096 Aug	113	0.0401	0.0427	0.00184	14.7	0.04	26.6	0.00119	0.00108	0.00000551	0.00732	0.00138	0.0282	0.0185	0.00000562	20.1	0.0000205	0.00036	0.000227	0.00109
2096 Sep	89.5	0.0646	0.0287	0.00152	14.1	0.0421	18.6	0.00111	0.00104	0.00000527	0.0075	0.00127	0.0222	0.0179	0.00000534	18.5	0.0000173	0.0003	0.000188	0.00104
2096 Oct	84.3	0.0935	0.024	0.00138	14.7	0.0443	16.9	0.00104	0.000984	0.00000497	0.00787	0.00123	0.0202	0.0181	0.00000503	18.5	0.0000167	0.000278	0.00018	0.00106
2096 Nov	84.4	0.0963	0.0237	0.00138	14.8	0.0448	16.9	0.00104	0.000984	0.00000497	0.00794	0.00123	0.0202	0.0182	0.00000503	18.6	0.0000167	0.000277	0.00018	0.00107
2096 Dec	85.4	0.0961	0.0243	0.00139	14.9	0.0448	17.3	0.00104	0.000984	0.00000497	0.00793	0.00124	0.0204	0.0183	0.00000503	18.7	0.0000168	0.00028	0.000182	0.00107
2097 Jan	85.9	0.0959	0.0245	0.00139	14.9	0.0448	17.4	0.00104	0.000984	0.00000497	0.00792	0.00124	0.0206	0.0183	0.00000503	18.8	0.0000168	0.000281	0.000183	0.00108
2097 Feb	86.1	0.0959	0.0247	0.0014	14.9	0.0448	17.5	0.00104	0.000984	0.00000497	0.00792	0.00124	0.0206	0.0183	0.00000503	18.8	0.0000168	0.000281	0.000183	0.00108
2097 Mar	86.3	0.096	0.0247	0.0014	14.9	0.0449	17.5	0.00104	0.000985	0.00000497	0.00793	0.00124	0.0206	0.0183	0.00000504	18.8	0.0000168	0.000282	0.000184	0.00108
2097 Apr	86.9	0.0967	0.0249	0.00141	15	0.0452	17.7	0.00105	0.000992	0.00000501	0.00799	0.00125	0.0208	0.0185	0.00000507	19	0.000017	0.000284	0.000185	0.00109
2097 May	95.4	0.0903	0.0283	0.00141	17	0.0405	17.9	0.00106	0.00101	0.00000508	0.00774	0.00142	0.02	0.0241	0.00000514	23	0.0000185	0.000339	0.000299	0.00116
2097 Jun	138	0.0499	0.0553	0.00198	17.3	0.0364	34.5	0.00112	0.000978	0.00000501	0.00699	0.00147	0.0326	0.0219	0.00000516	24	0.0000229	0.000434	0.000318	0.00117
2097 Jul	121	0.0419	0.0466	0.00187	15.5	0.0372	28.9	0.00116	0.00105	0.00000533	0.00725	0.00143	0.029	0.0204	0.00000546	21.7	0.0000221	0.000388	0.000274	0.00112
2097 Aug	106	0.0401	0.0385	0.00173	14.6	0.0396	23.9	0.00117	0.00108	0.00000545	0.00704	0.0014	0.0256	0.0197	0.00000555	20.3	0.0000188	0.000345	0.000242	0.00109
2097 Sep	95.9	0.0492	0.0325	0.00161	14.4	0.0413	20.4	0.00115	0.00108	0.00000546	0.00719	0.00136	0.0234	0.0193	0.00000554	19.6	0.0000174	0.000322	0.000221	0.00107
2097 Oct	80.6	0.0694	0.0233	0.0014	13.8	0.0422	15.3	0.0011	0.00105	0.00000527	0.00756	0.00127	0.0194	0.0185	0.00000532	18.3	0.0000165	0.00028	0.00019	0.00104
2097 Nov	73.1	0.0789	0.0189	0.0013	13.5	0.0425	12.8	0.00106	0.00103	0.00000516	0.00772	0.00122	0.0175	0.0181	0.00000521	17.6	0.000016	0.000259	0.000174	0.00102
2097 Dec	71.4	0.0811	0.0179	0.00127	13.5	0.0426	12.2	0.00106	0.00102	0.00000514	0.00776	0.00121	0.017	0.018	0.00000518	17.4	0.0000159	0.000254	0.000171	0.00101
2098 Jan	71.4	0.0811	0.0179	0.00127	13.5	0.0426	12.2	0.00106	0.00102	0.00000514	0.00776	0.00121	0.017	0.018	0.00000518	17.4	0.0000159	0.000255	0.000171	0.00101
2098 Feb	71.4	0.0812	0.0179	0.00128	13.5	0.0426	12.2	0.00106	0.00102	0.00000514	0.00776	0.00121	0.017	0.018	0.00000518	17.4	0.0000159	0.000255	0.000171	0.00101
2098 Mar	71.5	0.0812	0.0179	0.00128	13.5	0.0427	12.2	0.00106	0.00102	0.00000515	0.00777	0.00121	0.017	0.018	0.00000519	17.4	0.0000159	0.000255	0.000171	0.00101
2098 Apr	73.6	0.0827	0.0185	0.00127	14.1	0.0423	12.3	0.00106	0.00103	0.00000516	0.00775	0.00126	0.0168	0.0195	0.0000052	18.5	0.0000161	0.000267	0.000198	0.00104
2098 May	108	0.0795	0.0345	0.00148	18.8	0.0373	20.2	0.00108	0.00101	0.00000511	0.00724	0.00158	0.0209	0.0286	0.00000518	26.6	0.000019	0.000394	0.000395	0.00122
2098 Jun	143	0.0494	0.0592	0.00208	17.3	0.0374	36.5	0.00113	0.000969	0.00000497	0.00693	0.00146	0.0343	0.0208	0.00000513	23.5	0.0000228	0.000443	0.000301	0.00117
2098 Jul	128	0.0428	0.0513	0.00199	15.8	0.0378	31.3	0.00118	0.00105	0.00000536	0.00737	0.00144	0.0311	0.0198	0.00000549	21.7	0.000023	0.000408	0.000267	0.00113
2098 Aug	93.5	0.042	0.0327	0.0016	13.8	0.0405	20.1	0.00112	0.00104	0.00000527	0.00668	0.0013	0.0235	0.0179	0.00000536	18.6	0.0000157	0.000317	0.0002	0.001
2098 Sep	86.7	0.0718	0.0269	0.00144	14.3	0.0434	17.8	0.00105	0.00099	0.000005	0.00708	0.00125	0.0214	0.0179	0.00000507	18.5	0.0000146	0.000291	0.000183	0.00102
2098 Oct	132	0.0833	0.0498	0.00191	17.8	0.0458	33.1	0.0011	0.000963	0.00000492	0.00734	0.00143	0.0318	0.0204	0.00000506	23	0.000019	0.000395	0.000257	0.00121
2098 Nov	150	0.0804	0.0597	0.00212	19.1	0.0464	39.4	0.00112	0.000959	0.00000493	0.00723	0.00151	0.0364	0.0213	0.0000051	24.8	0.0000203	0.000439	0.000287	0.00128
2098 Dec	151	0.0802	0.0602	0.00213	19.1	0.0465	39.7	0.00113	0.00096	0.00000493	0.00723	0.00152	0.0366	0.0213	0.00000511	24.8	0.0000203	0.000442	0.000288	0.00128
2099 Jan	152	0.0802	0.0604	0.00213	19.2	0.0465	39.8	0.00113	0.00096	0.00000493	0.00723	0.00152	0.0367	0.0213	0.00000511	24.9	0.0000203	0.000443	0.000289	0.00128
2099 Feb	152	0.0801	0.0605	0.00213	19.2	0.0465	39.9	0.00113	0.00096	0.00000493	0.00723	0.00152	0.0368	0.0213	0.00000511	24.9	0.0000204	0.000443	0.00029	0.00128
2099 Mar	152	0.0803	0.0607	0.00214	19.2	0.0466	40	0.00113	0.000963	0.00000495	0.00725	0.00152	0.0369	0.0214	0.00000513	25	0.0000204	0.000445	0.00029	0.00129
2099 Apr	153	0.0833	0.0602	0.00211	20.2	0.0458	39.1	0.00114	0.000974	0.000005	0.00725	0.0016	0.0358	0.024	0.00000517	26.8	0.0000206	0.000461	0.000336	0.00133
2099 May	156	0.0747	0.0609	0.00197	23.2	0.0361	35.3	0.00111	0.000964	0.00000493	0.00661	0.00185	0.031	0.0338	0.00000508	33	0.0000218	0.000534	0.000529	0.00141
2099 Jun	132	0.0528	0.0525	0.00189	17.9	0.0341	30.5	0.00111	0.000978	0.00000499	0.00692	0.00153	0.0292	0.0245	0.00000513	25.1	0.0000225	0.000448	0.000361	0.00117
2099 Jul	111	0.0423	0.0421	0.00175	15.5	0.0354	24.3	0.00115	0.00104	0.0000053	0.00704	0.00146	0.0251	0.022	0.0000054	22	0.0000208	0.000382	0.000298	0.00111
2099 Aug	96.5	0.0437	0.0337	0.00162	14.8	0.0392	19.6	0.00116	0.00108	0.00000545	0.00693	0.00142	0.0226	0.021	0.00000553	20.6	0.0000173	0.000343	0.000255	0.00107
2099 Sep	71.2	0.0629	0.0191	0.00129	13.4	0.0415	11.8	0.00107	0.00103	0.00000517	0.007	0.00124	0.0172	0.0184	0.0000052	17.7	0.0000136	0.000267	0.000182	0.000968
2099 Oct	75.2	0.0851	0.0199	0.0013	14	0.0432	13.5	0.00104	0.000993	0.000005	0.00756	0.00122	0.0179	0.0182	0.00000504	17.9	0.0000151	0.000266	0.000177	0.00102
2099 Nov	101	0.0868	0.0334	0.00157	15.8	0.0444	22.3	0.00106	0.000975	0.00000494	0.00752	0.00132	0.0241	0.0192	0.00000503	20.2	0.000017	0.000326	0.000213	0.00111
2099 Dec	104	0.0861	0.0355	0.00162	16	0.0446	23.6	0.00107	0.000974	0.00000494	0.00749	0.00133	0.025	0.0194	0.00000504	20.6	0.0000172	0.000335	0.000219	0.00112
2100 Jan	106	0.0859	0.0361	0.00163	16.1	0.0447	24	0.00107	0.000974	0.00000494	0.00749	0.00134	0.0253	0.0194	0.00000504	20.7	0.0000173	0.000338	0.000221	0.00113
2100 Feb	106	0.0858	0.0364	0.00164	16.1	0.0447	24.1	0.00107	0.000974	0.00000495	0.00748	0.00134	0.0255	0.0195	0.00000504	20.8	0.0000173	0.000339	0.000222	0.00113
2100 Mar	106	0.0859	0.0365	0.00164	16.2	0.0447	24.2	0.00107	0.000975	0.00000495	0.00749	0.00134	0.0255	0.0195	0.00000505	20.8	0.0000174	0.00034	0.000222	0.00113
2100 Apr	107	0.0866	0.0368	0.00165	16.3	0.0451	24.4	0.00108	0.000983	0.00000499	0.00755	0.00135	0.0257	0.0196	0.00000509	21	0.0000175	0.000343	0.000224	0.00114
2100 May	118	0.0761	0.0405	0.00158	19.5	0.0353	23.3	0.00108	0.000988	0.00000501	0.00706	0.00163	0.0229	0.0297	0.0000051	27.9	0.0000202	0.000432	0.000429	0.00125
2100 Jun	150	0.0527	0.0642	0.00219	18	0.0385	38.9	0.00114	0.000952	0.0000049	0.0068	0.00152	0.036	0.0212	0.00000508	24.3	0.0000224	0.000473	0.000311	0.0012
2100 Jul	119	0.0402	0.0488	0.00191	14.7	0.0358	29	0.00114	0.000998	0.00000509	0.00702	0.00137	0.0292	0.0185	0.00000522	20.3	0.0000218	0.000394	0.000246	0.00106
2100 Aug	87.1	0.04	0.0307	0.00152	13	0.0394	18.5	0.00108	0.000996	0.00000504	0.00629	0.00125	0.022	0.017	0.00000512	17.5	0.0000141	0.000301	0.000184	0.000955
2100 Sep	81.3	0.0518	0.0261	0.00143	13.4	0.0423	16.2	0.00106	0.000998	0.00000504	0.00637	0.00124	0.0208	0.0171	0.0000051	17.6	0.0000122	0.000287	0.000171	0.000949
2100 Oct	80.5	0.0624	0.0248	0.00141	13.7	0.043	15.8	0.00106	0.000999	0.00000504	0.00675	0.00124	0.0203	0.0174	0.0000051	17.7	0.000013	0.000284	0.000172	0.000974
2100 Nov	81.2	0.0646	0.025	0.00141	13.8	0.0433	15.9	0.00106	0.001	0.00000505	0.00683	0.00124	0.0204	0.0175	0.00000511	17.9	0.0000133	0.000285	0.000173	0.000983
2100 Dec	81.3	0.0647	0.025	0.00141	13.8	0.0433	15.9	0.00106	0.001	0.00000505	0.00684	0.00124	0.0204	0.0176	0.00000511	17.9	0.0000133	0.000286	0.000173	0.000984
2101 Jan	81.3	0.0647	0.025	0.00141	13.8	0.0433	16	0.00106	0.001	0.00000505	0.00684	0.00124	0.0204	0.0176	0.00000511	17.9	0.0000133	0.000286	0.000173	0.000985
2101 Feb	81.3	0.0648	0.025	0.00141	13.8	0.0433	16	0.00106	0.001	0.00000505	0.00684	0.00124	0.0204	0.0176	0.00000512	17.9	0.0000133	0.000286	0.000173	0.000985
2101 Mar	81.4	0.0648	0.025	0.00141	13.8	0.0433	16	0.00106	0.001	0.00000506	0.00684	0.00124	0.0204	0.0176	0.00000512	17.9	0.0000133	0.000286	0.000174	0.000985
2101 Apr	81.9	0.0652	0.0252	0.00142	13.9	0.0435	16	0.00107	0.00101	0.00000508	0.00687	0.00125	0.0205	0.0177	0.00000514	18	0.0000134	0.000288	0.000175	0.000991
2101 May	115	0.0676	0.0408	0.00164	18.4	0.0379	23.6	0.00109	0.000996	0.00000505	0.00681	0.00156	0.0241	0.0266	0.00000515	25.7	0.0000182	0.000414	0.000368	0.00119
2101 Jun	145	0.0527	0.0613	0.00212	18	0.0373	36.3	0.00115	0.000968	0.00000497	0.0069	0.00154	0.034	0.0223	0.00000514	24.6	0.0000227	0.000474	0.000327	0.00119
2101 Jul	138	0.0486	0.0578	0.00213	17.1	0.0384	34.1	0.00121	0.00104	0.00000534	0.00741	0.00153	0.0332	0.0214	0.0000055	23.5	0.0000237	0.000459	0.0003	0.00119
2101 Aug	133	0.0491	0.0538	0.00209	17.1	0.0411	31.8	0.00125	0.0011	0.0000056	0.00754	0.00156	0.032	0.0217	0.00000574	23.4	0.0000224	0.000444	0.000289	0.0012

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	95	0.0635	0.0322	0.00161	14.9	0.0427	19.6	0.00114	0.00105	0.00000533	0.00737	0.00135	0.0233	0.0192	0.00000541	19.7	0.000017	0.000335	0.000212	0.00106
2101 Oct	82.3	0.077	0.0245	0.00143	14.3	0.0432	15.5	0.0011	0.00104	0.00000522	0.00766	0.00128	0.0199	0.0186	0.00000528	18.6	0.0000163	0.000296	0.000188	0.00104
2101 Nov	69.4	0.0895	0.0167	0.00125	13.6	0.0433	11.4	0.00105	0.00101	0.00000507	0.00788	0.0012	0.0165	0.0178	0.0000051	17.3	0.0000156	0.000256	0.000163	0.00101
2101 Dec	67.6	0.0919	0.0156	0.00122	13.6	0.0435	10.8	0.00104	0.00101	0.00000505	0.00794	0.00119	0.016	0.0177	0.00000509	17.2	0.0000156	0.00025	0.00016	0.001
2102 Jan	68.8	0.0917	0.0163	0.00124	13.6	0.0435	11.2	0.00104	0.00101	0.00000505	0.00793	0.00119	0.0163	0.0178	0.00000509	17.3	0.0000156	0.000253	0.000162	0.00101
2102 Feb	69.2	0.0917	0.0165	0.00124	13.7	0.0435	11.3	0.00104	0.00101	0.00000505	0.00793	0.0012	0.0165	0.0178	0.00000509	17.3	0.0000157	0.000254	0.000163	0.00101
2102 Mar	69.4	0.0917	0.0166	0.00124	13.7	0.0436	11.4	0.00104	0.00101	0.00000506	0.00793	0.0012	0.0165	0.0178	0.00000509	17.4	0.0000157	0.000255	0.000163	0.00101
2102 Apr	69.6	0.0921	0.0166	0.00125	13.7	0.0437	11.4	0.00105	0.00101	0.00000508	0.00796	0.0012	0.0166	0.0179	0.00000511	17.4	0.0000157	0.000256	0.000164	0.00101
2102 May	70.9	0.0937	0.017	0.00127	14	0.0445	11.6	0.00107	0.00103	0.00000517	0.0081	0.00122	0.0168	0.0183	0.0000052	17.8	0.000016	0.000261	0.000167	0.00103
2102 Jun	124	0.0541	0.0506	0.00193	15.7	0.0378	30.5	0.00112	0.000972	0.00000497	0.00713	0.0014	0.0304	0.0191	0.00000511	21.2	0.0000215	0.000414	0.000254	0.0011
2102 Jul	110	0.0362	0.0444	0.00184	13.8	0.0359	26	0.00115	0.00102	0.00000518	0.007	0.00135	0.0271	0.0178	0.0000053	19.1	0.0000209	0.000374	0.000227	0.00104
2102 Aug	91.5	0.0377	0.0335	0.00163	13.1	0.0392	19.7	0.00114	0.00104	0.00000528	0.00673	0.00131	0.0231	0.0174	0.00000536	17.9	0.0000165	0.000322	0.000194	0.000992
2102 Sep	75.6	0.0525	0.0232	0.0014	12.8	0.0415	14.1	0.00109	0.00103	0.00000521	0.00685	0.00123	0.0193	0.017	0.00000527	17	0.0000139	0.000278	0.000165	0.000952
2102 Oct	97.8	0.0801	0.0337	0.00159	15.3	0.0437	21.4	0.00108	0.000979	0.00000497	0.00737	0.00131	0.0237	0.0187	0.00000505	19.6	0.0000166	0.00033	0.000204	0.00108
2102 Nov	111	0.0804	0.0409	0.00175	16.3	0.0444	25.8	0.0011	0.000975	0.00000496	0.00734	0.00138	0.0269	0.0194	0.00000508	20.9	0.0000176	0.000366	0.000226	0.00113
2102 Dec	112	0.0804	0.0416	0.00176	16.4	0.0444	26.1	0.0011	0.000976	0.00000497	0.00734	0.00138	0.0271	0.0195	0.00000508	21	0.0000176	0.000369	0.000228	0.00114
2103 Jan	113	0.0803	0.0419	0.00177	16.4	0.0445	26.3	0.0011	0.000976	0.00000497	0.00734	0.00139	0.0273	0.0195	0.00000508	21.1	0.0000177	0.000371	0.000229	0.00114
2103 Feb	113	0.0803	0.0419	0.00177	16.4	0.0445	26.3	0.0011	0.000976	0.00000497	0.00734	0.00139	0.0273	0.0195	0.00000509	21.1	0.0000177	0.000371	0.000229	0.00114
2103 Mar	113	0.0804	0.042	0.00177	16.4	0.0445	26.4	0.0011	0.000977	0.00000498	0.00735	0.00139	0.0273	0.0195	0.00000509	21.1	0.0000177	0.000371	0.000229	0.00114
2103 Apr	114	0.0808	0.0422	0.00178	16.5	0.0448	26.5	0.00111	0.000982	0.000005	0.00739	0.0014	0.0275	0.0196	0.00000512	21.2	0.0000178	0.000373	0.00023	0.00115
2103 May	125	0.0766	0.0471	0.00181	18.7	0.0404	27.9	0.00112	0.000989	0.00000504	0.00718	0.00157	0.0275	0.0253	0.00000516	25.5	0.0000196	0.000435	0.000347	0.00123
2103 Jun	144	0.0514	0.0627	0.00217	17.6	0.0375	36.6	0.00116	0.00096	0.00000494	0.00687	0.00153	0.0346	0.0213	0.00000511	23.9	0.0000226	0.000485	0.000311	0.00118
2103 Jul	123	0.0415	0.0518	0.002	15.3	0.0381	30.2	0.00117	0.00101	0.00000514	0.00686	0.00145	0.0301	0.0191	0.00000529	20.9	0.0000206	0.000415	0.000254	0.00111
2103 Aug	101	0.0394	0.0395	0.00175	14.2	0.0432	23.6	0.00113	0.00101	0.00000512	0.00598	0.00139	0.0249	0.0183	0.00000522	19	0.0000131	0.000331	0.00021	0.00108
2103 Sep	119	0.0696	0.0469	0.00188	16.6	0.0448	28.7	0.00112	0.000976	0.00000498	0.00687	0.00144	0.029	0.0197	0.00000511	21.5	0.0000167	0.000391	0.000239	0.00116
2103 Oct	134	0.0843	0.0548	0.00205	18.1	0.0455	33.5	0.00114	0.000958	0.00000491	0.00733	0.0015	0.0325	0.0207	0.00000507	23.3	0.0000193	0.00044	0.000265	0.00123
2103 Nov	138	0.0832	0.0576	0.0021	18.4	0.0456	35	0.00115	0.000956	0.00000491	0.00728	0.00152	0.0336	0.0209	0.00000507	23.7	0.0000196	0.000454	0.000272	0.00124
2103 Dec	140	0.0829	0.0584	0.00212	18.5	0.0456	35.4	0.00115	0.000956	0.00000491	0.00727	0.00153	0.0339	0.021	0.00000508	23.8	0.0000197	0.000458	0.000274	0.00124
2104 Jan	140	0.0828	0.0586	0.00213	18.6	0.0456	35.6	0.00115	0.000956	0.00000491	0.00727	0.00153	0.034	0.021	0.00000508	23.8	0.0000197	0.000459	0.000275	0.00125
2104 Feb	140	0.0828	0.0588	0.00213	18.6	0.0457	35.7	0.00115	0.000956	0.00000491	0.00727	0.00153	0.0341	0.021	0.00000508	23.8	0.0000197	0.00046	0.000275	0.00125
2104 Mar	141	0.0828	0.0588	0.00213	18.6	0.0457	35.7	0.00115	0.000957	0.00000492	0.00728	0.00153	0.0341	0.021	0.00000509	23.9	0.0000197	0.00046	0.000275	0.00125
2104 Apr	142	0.0835	0.0593	0.00215	18.7	0.0461	36	0.00116	0.000965	0.00000496	0.00734	0.00155	0.0344	0.0212	0.00000513	24.1	0.0000199	0.000464	0.000278	0.00126
2104 May	141	0.0749	0.0575	0.002	20.5	0.0386	32.4	0.00114	0.000973	0.00000498	0.00698	0.00171	0.0304	0.0281	0.00000513	28.3	0.0000212	0.000506	0.000414	0.0013
2104 Jun	137	0.0502	0.0612	0.00215	17.2	0.0363	34	0.00116	0.000957	0.00000492	0.00683	0.00153	0.0328	0.0212	0.00000509	23.3	0.0000223	0.000485	0.000305	0.00115
2104 Jul	106	0.0368	0.0441	0.00184	14	0.0362	24.3	0.00115	0.00102	0.00000517	0.0068	0.00139	0.0257	0.0186	0.00000528	19.3	0.0000196	0.00038	0.000236	0.00105
2104 Aug	84.9	0.0367	0.0313	0.00158	12.9	0.0392	17.4	0.00112	0.00103	0.00000522	0.00644	0.00131	0.0211	0.0176	0.00000529	17.5	0.0000148	0.000312	0.000192	0.000982
2104 Sep	75.9	0.057	0.0241	0.0014	13.2	0.042	14.2	0.00107	0.001	0.00000505	0.00661	0.00124	0.0192	0.0172	0.00000511	17.1	0.0000127	0.000284	0.000167	0.000954
2104 Oct	116	0.0813	0.0453	0.00185	16.7	0.0447	27.2	0.00112	0.000968	0.00000494	0.00727	0.00142	0.0281	0.0197	0.00000506	21.4	0.0000176	0.000396	0.000233	0.00115
2104 Nov	134	0.0811	0.056	0.00208	18.1	0.0454	33.3	0.00115	0.000961	0.00000493	0.00722	0.00152	0.0325	0.0206	0.00000509	23.1	0.000019	0.00045	0.000263	0.00122
2104 Dec	135	0.081	0.0564	0.00209	18.1	0.0454	33.5	0.00115	0.000961	0.00000493	0.00722	0.00152	0.0327	0.0207	0.00000509	23.2	0.000019	0.000452	0.000264	0.00122
2105 Jan	135	0.0809	0.0567	0.0021	18.1	0.0454	33.6	0.00115	0.000961	0.00000493	0.00722	0.00152	0.0328	0.0207	0.00000509	23.2	0.0000191	0.000454	0.000265	0.00122
2105 Feb	135	0.0809	0.0568	0.0021	18.2	0.0454	33.7	0.00115	0.000961	0.00000493	0.00722	0.00152	0.0328	0.0207	0.00000509	23.3	0.0000191	0.000454	0.000265	0.00122
2105 Mar	135	0.0809	0.0568	0.0021	18.2	0.0455	33.7	0.00115	0.000962	0.00000494	0.00722	0.00152	0.0328	0.0207	0.0000051	23.3	0.0000191	0.000454	0.000266	0.00122
2105 Apr	136	0.0813	0.0571	0.00211	18.3	0.0457	33.9	0.00116	0.000966	0.00000496	0.00725	0.00153	0.033	0.0208	0.00000512	23.4	0.0000192	0.000456	0.000267	0.00123
2105 May	137	0.0736	0.0557	0.00196	20.3	0.0377	30.6	0.00114	0.000972	0.00000497	0.00691	0.00171	0.029	0.0284	0.00000511	28.2	0.0000208	0.000504	0.000417	0.00129
2105 Jun	137	0.0561	0.0588	0.00206	18.6	0.0352	32	0.00117	0.000979	0.00000502	0.0069	0.00164	0.0307	0.0253	0.00000517	26	0.0000225	0.000506	0.000375	0.00121
2105 Jul	108	0.0423	0.0432	0.00178	15.4	0.036	23.4	0.00115	0.00102	0.00000518	0.00667	0.0015	0.0243	0.0222	0.00000529	21.8	0.000019	0.000397	0.000297	0.00112
2105 Aug	78	0.0393	0.0267	0.00144	12.9	0.0402	15.1	0.00107	0.000996	0.00000503	0.00592	0.00129	0.0191	0.018	0.00000509	17.5	0.0000115	0.000288	0.000192	0.000963
2105 Sep	129	0.0763	0.0537	0.00204	17.6	0.0454	31.9	0.00115	0.000962	0.00000493	0.00701	0.0015	0.0317	0.0203	0.00000508	22.7	0.0000178	0.000441	0.000254	0.00119
2105 Oct	138	0.0822	0.0586	0.00214	18.3	0.0457	35.1	0.00116	0.00095	0.00000489	0.0072	0.00154	0.0339	0.0207	0.00000505	23.5	0.0000193	0.000467	0.000268	0.00123
2105 Nov	142	0.082	0.0612	0.0022	18.6	0.0459	36.6	0.00116	0.000948	0.00000488	0.00719	0.00156	0.035	0.0209	0.00000506	23.9	0.0000196	0.000481	0.000274	0.00125
2105 Dec	144	0.0816	0.0621	0.00222	18.7	0.0459	37.1	0.00117	0.000948	0.00000488	0.00717	0.00157	0.0353	0.0209	0.00000506	24	0.0000197	0.000486	0.000277	0.00125
2106 Jan	144	0.0815	0.0624	0.00222	18.7	0.0459	37.2	0.00117	0.000948	0.00000488	0.00717	0.00157	0.0355	0.021	0.00000506	24.1	0.0000197	0.000487	0.000278	0.00126
2106 Feb	145	0.0814	0.0626	0.00223	18.7	0.046	37.3	0.00117	0.000948	0.00000488	0.00716	0.00157	0.0355	0.021	0.00000506	24.1	0.0000197	0.000488	0.000278	0.00126
2106 Mar	145	0.0814	0.0627	0.00223	18.8	0.046	37.4	0.00117	0.000948	0.00000489	0.00717	0.00157	0.0356	0.021	0.00000507	24.1	0.0000198	0.000489	0.000278	0.00126
2106 Apr	146	0.0819	0.0631	0.00224	18.9	0.0463	37.6	0.00118	0.000954	0.00000492	0.00721	0.00158	0.0358	0.0211	0.0000051	24.3	0.0000199	0.000492	0.00028	0.00127
2106 May	141	0.0796	0.0588	0.0021	19.8	0.0422	33.9	0.00117	0.000973	0.00000499	0.00716	0.00167	0.0323	0.0252	0.00000515	26.6	0.0000206	0.000502	0.000355	0.00129
2106 Jun	135	0.0482	0.0615	0.00219	16.5	0.0365	34	0.00118	0.000959	0.00000493	0.00688	0.00152	0.0332	0.0201	0.0000051	22.4	0.0000223	0.000492	0.000284	0.00113
2106 Jul	98.9	0.0329	0.0416	0.00182	12.9	0.0356	22.5	0.00117	0.00103	0.00000522	0.00694	0.00135	0.0249	0.0171	0.00000533	17.9	0.0000199	0.000371	0.000207	0.001
2106 Aug	78.7	0.0349	0.0288	0.00152	12.2	0.0404	16.2	0.0011	0.001	0.00000508	0.00602	0.00127	0.0201	0.0165	0.00000515	16.4	0.0000122	0.000289	0.000168	0.000955
2106 Sep	116	0.0703	0.0476	0.00192	16.5	0.045	27.8	0.00114	0.000965	0.00000493	0.00677	0.00144	0.0291	0.0192	0.00000506	21.1	0.0000159	0.000413	0.000227	0.00112
2106 Oct	121	0.0822	0.0497	0.00196	17.1	0.0456	29.4	0.00114	0.000961	0.00000492	0.00722	0.00147	0.03	0.0197	0.00000506	21.8	0.0000177	0.000427	0.000237	0.00117
2106 Nov	122	0.0826	0.05	0.00197	17.2	0.0458	29.5	0.00115	0.000964	0.00000494	0.00725	0.00148	0.0301	0.0198	0.00000508	21.9	0.0000178	0.000429	0.000238	0.00118
2106 Dec	122	0.0826	0.05	0.00197	17.2	0.0458	29.5	0.00115	0.000965	0.00000494	0.00725	0.00148	0.0301	0.0198	0.00000508	21.9	0.0000178	0.00043	0.000239	0.00118
2107 Jan	122	0.0826	0.05	0.00197	17.2	0.0458	29.6	0.00115	0.000965	0.00000494	0.00725	0.00148	0.0302	0.0198	0.00000508	22	0.0000178	0.00043	0.000239	0.00118
2107 Feb	122	0.0826	0.0501	0.00198	17.2	0.0458	29.6	0.00115	0.000965	0.00000494	0.00725	0.00148	0.0302	0.0198	0.00000508	22	0.0000178	0.00043	0.000239	0.00118
2107 Mar	122	0.0827	0.0502	0.00198	17.2	0.0459	29.6	0.00115	0.000966	0.00000495	0.00726	0.00148	0.0302	0.0199	0.00000509	22	0.0000178	0.000431	0.000239	0.00118
2107 Apr	122	0.083	0.0503	0.00198	17.3	0.046	29.7	0.00115	0.000969	0.00000496	0.00728	0.00148	0.0303	0.0199	0.0000051	22.1	0.0000179	0.000432	0.00024	0.00118
2107 May	133	0.0782	0.0562	0.00207	18.8	0.043	31.9	0.00117	0.000969	0.00000497	0.00708	0.00161	0.0313	0.0235	0.00000512	24.9	0.0000193	0.000485	0.000317	0.00124
2107 Jun	120	0.0486	0.052	0.00194	16.5	0.0329	27.4	0.00115	0.000976	0.00000499	0.00694	0.00154	0.0278	0.0229	0.00000512	23.3	0.0000223	0.000473	0.000328	0.00111
2107 Jul	80.2	0.0298	0.0301	0.00152	12.2	0.0341	15.8	0.0011	0.00101	0.0000051	0.00636	0.00132	0.0187	0.0185	0.00000516	17.4	0.0000165	0.000311	0.000222	0.000976
2107 Aug	70.1	0.0286	0.0236	0.00142	11.6	0.0376	12.5	0.00111	0.00105	0.00000528	0.00624	0.0013	0.0166	0.0179	0.00000533	16.5	0.0000136	0.000269	0.000193	0.000971
2107 Sep	63.3	0.0559	0.017	0.00127	12.1	0.0405	9.84	0.00108	0.00104	0.00000521	0.00695	0.00124	0.015	0.0177	0.00000524	16.3	0.0000136	0.000246	0.000169	0.000971
2107 Oct	64.5	0.076	0.0162	0.00125	12.8	0.0421	10.2	0.00105	0.00101	0.00000508	0.00743	0.00121	0.0153	0.0176	0.00000511	16.6	0.0000144	0.000247	0.000163	0.000991
2107 Nov	70.2	0.0809	0.0192	0.00131	13.3	0.0428	12.1	0.00106	0.001	0.00000504	0.00752	0.00123	0.0167	0.0178	0.00000509	17.2	0.0000149	0.000265	0.000169	0.00101
2107 Dec	71.4	0.0808	0.02	0.00132	13.4	0.0429	12.5	0.00106	0.001	0.00000504	0.00752	0.00124	0.017	0.0179	0.00000509	17.3	0.000015	0.000269	0.00017	0.00102
2108 Jan	71.8	0.0807	0.0202	0.00133	13.5	0.0429	12.6	0.00106	0.001	0.00000504	0.00751	0.00124	0.0172	0.0179	0.00000509	17.3	0.000015	0.00027	0.000171	0.00102

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	72	0.0807	0.0204	0.00133	13.5	0.0429	12.7	0.00106	0.001	0.00000505	0.00751	0.00124	0.0172	0.0179	0.00000509	17.3	0.0000151	0.000271	0.000171	0.00102
2108 Mar	72.2	0.0808	0.0204	0.00134	13.5	0.043	12.7	0.00106	0.001	0.00000505	0.00752	0.00125	0.0172	0.0179	0.0000051	17.4	0.0000151	0.000272	0.000172	0.00102
2108 Apr	73.1	0.0819	0.0207	0.00135	13.7	0.0434	12.9	0.00108	0.00101	0.00000511	0.00761	0.00126	0.0174	0.0182	0.00000516	17.6	0.0000153	0.000276	0.000176	0.00104
2108 May	76.9	0.0843	0.0216	0.00136	14.8	0.0431	13	0.0011	0.00104	0.00000522	0.00771	0.00134	0.0173	0.0206	0.00000527	19.5	0.0000159	0.000297	0.000218	0.00109
2108 Jun	115	0.0425	0.0499	0.00194	14.5	0.0337	27.4	0.00114	0.000965	0.00000494	0.00698	0.0014	0.0285	0.0186	0.00000507	20.1	0.0000221	0.000438	0.00025	0.00103
2108 Jul	102	0.0341	0.0429	0.00186	12.9	0.0335	23.3	0.00119	0.00104	0.00000527	0.0074	0.00135	0.0261	0.0171	0.00000538	18.2	0.0000228	0.000399	0.000212	0.000986
2108 Aug	96.7	0.0364	0.0385	0.00181	13.1	0.0372	21	0.00122	0.00109	0.00000553	0.00747	0.00138	0.0249	0.0176	0.00000563	18.3	0.0000208	0.00038	0.000204	0.00101
2108 Sep	85.9	0.0489	0.0308	0.00163	13.1	0.0394	17.2	0.00118	0.00108	0.00000546	0.00752	0.00132	0.0221	0.0175	0.00000553	17.8	0.0000186	0.00034	0.000185	0.000993
2108 Oct	78.8	0.0863	0.0239	0.00141	13.9	0.0429	15	0.00107	0.000992	0.00000501	0.0078	0.00125	0.0193	0.0177	0.00000507	17.7	0.0000167	0.000297	0.000172	0.00103
2108 Nov	88.6	0.0891	0.0295	0.00153	14.7	0.0439	18.4	0.00108	0.000983	0.00000498	0.00776	0.0013	0.0217	0.0182	0.00000505	18.8	0.0000171	0.000326	0.000186	0.00107
2108 Dec	89.5	0.089	0.03	0.00154	14.8	0.044	18.7	0.00109	0.000983	0.00000498	0.00776	0.0013	0.022	0.0182	0.00000506	18.9	0.0000171	0.000329	0.000188	0.00107
2109 Jan	89.8	0.089	0.0302	0.00155	14.8	0.044	18.8	0.00109	0.000983	0.00000498	0.00776	0.00131	0.0221	0.0183	0.00000506	18.9	0.0000171	0.00033	0.000188	0.00107
2109 Feb	90	0.089	0.0303	0.00155	14.8	0.044	18.8	0.00109	0.000983	0.00000498	0.00776	0.00131	0.0221	0.0183	0.00000506	18.9	0.0000171	0.000331	0.000189	0.00107
2109 Mar	90.1	0.0891	0.0303	0.00155	14.9	0.0441	18.9	0.00109	0.000984	0.00000499	0.00777	0.00131	0.0221	0.0183	0.00000507	18.9	0.0000172	0.000331	0.000189	0.00108
2109 Apr	90.9	0.0898	0.0306	0.00157	15	0.0444	19	0.0011	0.000992	0.00000503	0.00783	0.00132	0.0223	0.0185	0.00000511	19.1	0.0000173	0.000334	0.00019	0.00108
2109 May	118	0.0807	0.0457	0.00183	18	0.0409	26	0.00114	0.000985	0.00000502	0.00735	0.00157	0.0266	0.0243	0.00000514	24.5	0.0000195	0.000446	0.000323	0.00121
2109 Jun	130	0.0564	0.0545	0.00198	18.5	0.0338	29.1	0.00117	0.000993	0.00000508	0.00699	0.00168	0.0286	0.0269	0.00000522	26.6	0.0000227	0.000514	0.000398	0.00121
2109 Jul	97.5	0.0388	0.0379	0.00168	14.5	0.0353	20.3	0.00114	0.00102	0.00000516	0.00654	0.00147	0.022	0.0217	0.00000525	20.8	0.000018	0.000377	0.000284	0.00108
2109 Aug	83.2	0.032	0.0304	0.00157	12.9	0.0401	16.9	0.00114	0.00104	0.00000527	0.00609	0.0014	0.0196	0.0192	0.00000535	18.2	0.0000133	0.000304	0.000219	0.00105
2109 Sep	91.7	0.0574	0.0333	0.00162	14.2	0.0429	19.7	0.00112	0.00101	0.00000511	0.00667	0.00138	0.0224	0.019	0.0000052	19.1	0.0000144	0.000334	0.00021	0.00107
2109 Oct	140	0.0824	0.0596	0.0022	18.1	0.0467	36.2	0.00118	0.000953	0.00000491	0.00725	0.00158	0.035	0.0205	0.00000509	23.6	0.0000194	0.000489	0.000264	0.00125
2109 Nov	142	0.0831	0.0607	0.00223	18.3	0.047	36.8	0.00119	0.000956	0.00000493	0.00729	0.00159	0.0356	0.0207	0.00000511	23.8	0.0000196	0.000496	0.000267	0.00126
2109 Dec	142	0.0831	0.061	0.00223	18.4	0.0471	37	0.00119	0.000957	0.00000493	0.00729	0.00159	0.0357	0.0207	0.00000512	23.9	0.0000196	0.000498	0.000268	0.00126
2110 Jan	142	0.0831	0.061	0.00223	18.4	0.0471	37	0.00119	0.000957	0.00000493	0.00729	0.00159	0.0357	0.0207	0.00000512	23.9	0.0000196	0.000498	0.000268	0.00126
2110 Feb	142	0.0831	0.0611	0.00224	18.4	0.0471	37	0.00119	0.000958	0.00000494	0.00729	0.00159	0.0357	0.0207	0.00000512	23.9	0.0000197	0.000499	0.000268	0.00126
2110 Mar	142	0.0832	0.0612	0.00224	18.4	0.0472	37.1	0.00119	0.000959	0.00000494	0.0073	0.0016	0.0358	0.0207	0.00000513	23.9	0.0000197	0.000499	0.000269	0.00126
2110 Apr	143	0.0836	0.0614	0.00225	18.5	0.0474	37.3	0.0012	0.000963	0.00000496	0.00734	0.0016	0.036	0.0208	0.00000515	24	0.0000198	0.000502	0.00027	0.00127
2110 May	146	0.0821	0.0621	0.00224	19.2	0.046	37.2	0.00121	0.000974	0.00000502	0.00731	0.00166	0.0356	0.0228	0.0000052	25.5	0.0000204	0.000519	0.000309	0.0013
2110 Jun	127	0.0441	0.057	0.00212	15.3	0.0359	32.5	0.00118	0.000961	0.00000494	0.00695	0.00148	0.0326	0.0189	0.00000511	21.3	0.0000225	0.000484	0.000262	0.00109
2110 Jul	94.3	0.031	0.0386	0.00175	12.2	0.0344	21.6	0.00115	0.00101	0.00000515	0.00692	0.00132	0.0243	0.0166	0.00000526	17.4	0.0000201	0.000368	0.0002	0.000975
2110 Aug	116	0.0548	0.0485	0.00196	16.1	0.046	28.4	0.00116	0.000976	0.00000499	0.00613	0.00148	0.0305	0.0189	0.00000514	21.1	0.0000134	0.000432	0.000221	0.00109
2110 Sep	126	0.0748	0.054	0.00208	17.2	0.0463	31.9	0.00117	0.000958	0.00000492	0.00689	0.00153	0.0325	0.0198	0.00000508	22.3	0.000017	0.000468	0.000242	0.00118
2110 Oct	130	0.0859	0.0562	0.00214	17.7	0.0465	33.2	0.00118	0.000952	0.0000049	0.00733	0.00156	0.0331	0.0202	0.00000506	22.9	0.0000189	0.000484	0.000252	0.00122
2110 Nov	136	0.084	0.0598	0.00222	18	0.0467	35.2	0.0012	0.000948	0.00000489	0.00725	0.00159	0.0346	0.0204	0.00000507	23.3	0.0000192	0.000505	0.00026	0.00124
2110 Dec	137	0.0836	0.0608	0.00224	18.1	0.0467	35.8	0.0012	0.000947	0.00000489	0.00723	0.0016	0.0351	0.0205	0.00000507	23.5	0.0000193	0.00051	0.000262	0.00125
2111 Jan	138	0.0834	0.0612	0.00225	18.2	0.0468	36	0.0012	0.000947	0.00000489	0.00723	0.00161	0.0352	0.0205	0.00000507	23.5	0.0000193	0.000512	0.000263	0.00125
2111 Feb	138	0.0833	0.0614	0.00226	18.2	0.0468	36.1	0.0012	0.000947	0.00000489	0.00722	0.00161	0.0353	0.0205	0.00000507	23.6	0.0000193	0.000514	0.000264	0.00125
2111 Mar	139	0.0835	0.0616	0.00226	18.2	0.0469	36.2	0.00121	0.000949	0.0000049	0.00724	0.00161	0.0354	0.0205	0.00000509	23.6	0.0000194	0.000515	0.000264	0.00125
2111 Apr	140	0.0842	0.0621	0.00228	18.4	0.0473	36.5	0.00122	0.000957	0.00000494	0.0073	0.00163	0.0357	0.0207	0.00000513	23.8	0.0000195	0.000519	0.000267	0.00126
2111 May	142	0.0808	0.0628	0.00225	19.5	0.0444	35.8	0.00122	0.000971	0.000005	0.0072	0.00172	0.0346	0.0241	0.00000519	26.1	0.0000204	0.000545	0.000332	0.0013
2111 Jun	128	0.0482	0.0595	0.00218	16.3	0.0361	32	0.00121	0.000964	0.00000496	0.00689	0.00157	0.0322	0.0207	0.00000513	22.6	0.0000222	0.00052	0.000292	0.00113
2111 Jul	111	0.0402	0.0487	0.002	14.5	0.0355	25.9	0.00123	0.00104	0.0000053	0.00731	0.00149	0.028	0.0194	0.00000543	20.4	0.0000224	0.000456	0.000254	0.00107
2111 Aug	86	0.0408	0.0333	0.00163	13.2	0.0409	18.5	0.00113	0.000999	0.00000507	0.00617	0.00134	0.0225	0.0174	0.00000516	17.8	0.0000132	0.000343	0.000187	0.000979
2111 Sep	102	0.0627	0.0409	0.0018	15.3	0.0452	23.6	0.00114	0.000981	0.000005	0.00652	0.00142	0.0268	0.0184	0.00000511	19.9	0.0000137	0.000399	0.000203	0.00106
2111 Oct	133	0.0776	0.0595	0.00222	17.7	0.0465	34.8	0.0012	0.000947	0.00000488	0.00698	0.0016	0.0346	0.0201	0.00000506	23	0.0000182	0.000509	0.000255	0.00122
2111 Nov	142	0.0814	0.0647	0.00234	18.4	0.047	37.7	0.00122	0.000942	0.00000487	0.00712	0.00165	0.0368	0.0206	0.00000507	23.9	0.0000193	0.00054	0.000269	0.00126
2111 Dec	143	0.0813	0.0653	0.00235	18.5	0.0471	38.1	0.00123	0.000942	0.00000488	0.00711	0.00166	0.037	0.0206	0.00000508	24	0.0000194	0.000544	0.00027	0.00127
2112 Jan	143	0.0811	0.0656	0.00236	18.5	0.0471	38.3	0.00123	0.000942	0.00000488	0.00711	0.00166	0.0372	0.0206	0.00000508	24.1	0.0000194	0.000546	0.000271	0.00127
2112 Feb	144	0.0811	0.0658	0.00237	18.5	0.0472	38.4	0.00123	0.000942	0.00000488	0.00711	0.00166	0.0373	0.0207	0.00000508	24.1	0.0000195	0.000547	0.000271	0.00127
2112 Mar	144	0.0813	0.066	0.00237	18.6	0.0473	38.5	0.00123	0.000945	0.00000489	0.00712	0.00167	0.0374	0.0207	0.00000509	24.2	0.0000195	0.000549	0.000272	0.00127
2112 Apr	145	0.0819	0.0665	0.00239	18.7	0.0476	38.8	0.00124	0.000952	0.00000493	0.00718	0.00168	0.0377	0.0209	0.00000513	24.3	0.0000197	0.000553	0.000274	0.00128
2112 May	146	0.0779	0.0659	0.00232	19.8	0.044	37.2	0.00124	0.000963	0.00000498	0.00704	0.00177	0.0358	0.0248	0.00000517	26.8	0.0000205	0.000576	0.00035	0.00132
2112 Jun	128	0.0463	0.0618	0.00225	15.7	0.0368	33.4	0.00121	0.000944	0.00000487	0.00677	0.00156	0.0337	0.019	0.00000505	21.6	0.0000218	0.000532	0.000264	0.0011
2112 Jul	97.2	0.0331	0.0431	0.00188	12.6	0.0346	22.9	0.00118	0.001	0.00000512	0.00695	0.00138	0.0258	0.0167	0.00000524	17.7	0.0000205	0.000411	0.000203	0.000983
2112 Aug	86.3	0.0362	0.0348	0.00171	12.5	0.0381	18.6	0.00118	0.00104	0.00000526	0.00681	0.00134	0.0231	0.0168	0.00000536	17.3	0.0000171	0.000365	0.000183	0.000965
2112 Sep	70.9	0.0517	0.0231	0.00143	12.4	0.0408	13	0.00111	0.00102	0.00000516	0.00681	0.00124	0.019	0.0165	0.00000522	16.4	0.0000137	0.000299	0.000155	0.000924
2112 Oct	80.3	0.0689	0.0275	0.00152	13.6	0.0427	16.2	0.00111	0.000999	0.00000506	0.00717	0.00129	0.021	0.0173	0.00000513	17.7	0.000015	0.000327	0.000171	0.000999
2112 Nov	86.1	0.0715	0.0309	0.00159	14.1	0.0434	18.3	0.00112	0.000995	0.00000504	0.00721	0.00133	0.0225	0.0177	0.00000513	18.4	0.0000155	0.000348	0.000181	0.00103
2112 Dec	86.7	0.0716	0.0312	0.0016	14.1	0.0434	18.5	0.00112	0.000995	0.00000505	0.00722	0.00134	0.0227	0.0178	0.00000513	18.4	0.0000155	0.00035	0.000182	0.00103
2113 Jan	87.2	0.0716	0.0315	0.00161	14.2	0.0435	18.7	0.00112	0.000995	0.00000505	0.00721	0.00134	0.0228	0.0178	0.00000513	18.5	0.0000156	0.000352	0.000182	0.00103
2113 Feb	87.3	0.0716	0.0316	0.00161	14.2	0.0435	18.7	0.00112	0.000995	0.00000505	0.00722	0.00134	0.0229	0.0178	0.00000514	18.5	0.0000156	0.000353	0.000183	0.00103
2113 Mar	87.7	0.0719	0.0317	0.00162	14.2	0.0437	18.8	0.00113	0.000999	0.00000507	0.00724	0.00134	0.0229	0.0179	0.00000516	18.6	0.0000156	0.000354	0.000183	0.00104
2113 Apr	88.3	0.0724	0.0319	0.00163	14.3	0.044	18.9	0.00114	0.00101	0.0000051	0.0073	0.00135	0.0231	0.018	0.00000519	18.7	0.0000158	0.000357	0.000185	0.00105
2113 May	106	0.0715	0.0408	0.00175	17.1	0.0402	22.7	0.00116	0.001	0.00000509	0.0071	0.00157	0.0249	0.024	0.0000052	23.7	0.0000181	0.000444	0.000312	0.00116
2113 Jun	134	0.0503	0.0624	0.00226	16.8	0.0375	34.7	0.00123	0.000958	0.00000494	0.00684	0.00165	0.0345	0.0214	0.00000513	23.7	0.0000222	0.000557	0.000307	0.00117
2113 Jul	104	0.0373	0.0452	0.00192	13.9	0.0376	25	0.0012	0.00101	0.00000517	0.00671	0.00149	0.0269	0.0191	0.0000053	19.8	0.000019	0.00043	0.000242	0.00108
2113 Aug	85.9	0.0345	0.0335	0.00168	12.8	0.04	18.7	0.00118	0.00104	0.00000529	0.00644	0.00141	0.0222	0.0182	0.00000538	18	0.000015	0.00035	0.000203	0.00103
2113 Sep	78	0.0588	0.0264	0.00149	13.2	0.0424	15.7	0.00111	0.00101	0.00000511	0.00683	0.00131	0.0202	0.0177	0.00000518	17.6	0.000014	0.000315	0.000178	0.001
2113 Oct	134	0.0827	0.059	0.00223	17.7	0.0472	35.7	0.00121	0.000941	0.00000486	0.00718	0.00162	0.0354	0.0202	0.00000505	23.3	0.0000189	0.000523	0.000256	0.00124
2113 Nov	137	0.0843	0.0613	0.00229	18	0.0477	37	0.00123	0.000943	0.00000488	0.00723	0.00165	0.0365	0.0205	0.00000508	23.8	0.0000192	0.000539	0.000262	0.00126
2113 Dec	139	0.084	0.062	0.0023	18.1	0.0478	37.5	0.00123	0.000944	0.00000488	0.00722	0.00166	0.0368	0.0205	0.00000508	23.9	0.0000193	0.000544	0.000264	0.00127
2114 Jan	139	0.0839	0.0623	0.00231	18.1	0.0479	37.6	0.00123	0.000944	0.00000488	0.00722	0.00166	0.037	0.0206	0.00000508	23.9	0.0000193	0.000546	0.000265	0.00127
2114 Feb	139	0.0839	0.0624	0.00231	18.1	0.0479	37.7	0.00123	0.000944	0.00000488	0.00722	0.00166	0.037	0.0206	0.00000508	24	0.0000193	0.000547	0.000265	0.00127
2114 Mar	140	0.084	0.0627	0.00232	18.2	0.048	37.8	0.00123	0.000945	0.00000489	0.00723	0.00167	0.0371	0.0206	0.00000509	24	0.0000194	0.000548	0.000266	0.00127
2114 Apr	140	0.0844	0.063	0.00233	18.3	0.0482	38	0.00124	0.00095	0.00000492	0.00727	0.00168	0.0373	0.0207	0.00000512	24.1	0.0000195	0.000551	0.000267	0.00128
2114 May	149	0.0769	0.0673	0.00237	19.8	0.0441	39.1	0.00125	0.00095	0.00000492	0.00695	0.00182	0.0374	0.025	0.00000513	27.4	0.0000207	0.000604	0.000359	0.00133
2114 Jun	127	0.055	0.0551	0.00204	17.9	0.0348	30	0.00121	0.000987	0.00000506	0.00698	0.00172	0.0301	0.026	0.00000522	26.2	0.0000226	0.00055	0.000383	0.00121

Appendix D.2-8: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	111	0.0466	0.0458	0.00191	16.2	0.0359	24.8	0.00124	0.00106	0.00000539	0.00722	0.00165	0.0265	0.0242	0.00000552	23.8	0.0000217	0.000481	0.000334	0.00117
2114 Aug	107	0.047	0.0421	0.00188	16.2	0.0392	22.9	0.00128	0.00112	0.00000569	0.00738	0.00166	0.0257	0.0242	0.0000058	23.5	0.0000204	0.000459	0.000317	0.00119
2114 Sep	75.8	0.0693	0.0226	0.00141	14.1	0.0417	13.3	0.00112	0.00105	0.00000528	0.00741	0.00135	0.0184	0.02	0.00000533	19.1	0.0000157	0.00032	0.000212	0.00104
2114 Oct	79.3	0.0892	0.024	0.00143	14.3	0.044	15.5	0.00108	0.00099	0.000005	0.00771	0.00131	0.0198	0.0187	0.00000507	18.7	0.000016	0.000319	0.000188	0.00106
2114 Nov	108	0.0902	0.0416	0.00183	16.1	0.0464	26.7	0.00114	0.000955	0.00000488	0.00753	0.00146	0.0284	0.0193	0.00000502	21.1	0.0000177	0.000425	0.00022	0.00116
2114 Dec	115	0.0887	0.0459	0.00193	16.5	0.0468	29.3	0.00116	0.000952	0.00000488	0.00746	0.00151	0.0305	0.0196	0.00000503	21.8	0.000018	0.000451	0.00023	0.00119
2115 Jan	116	0.0885	0.0464	0.00194	16.5	0.0469	29.6	0.00116	0.000952	0.00000488	0.00746	0.00151	0.0307	0.0196	0.00000503	21.9	0.0000181	0.000455	0.000231	0.00119
2115 Feb	116	0.0884	0.0468	0.00195	16.6	0.0469	29.8	0.00116	0.000952	0.00000488	0.00745	0.00152	0.0309	0.0196	0.00000503	21.9	0.0000181	0.000457	0.000232	0.00119
2115 Mar	116	0.0885	0.0468	0.00195	16.6	0.0469	29.9	0.00117	0.000953	0.00000489	0.00746	0.00152	0.0309	0.0197	0.00000504	22	0.0000181	0.000457	0.000232	0.00119
2115 Apr	117	0.0891	0.0472	0.00197	16.7	0.0473	30.1	0.00117	0.00096	0.00000492	0.00751	0.00153	0.0311	0.0198	0.00000508	22.1	0.0000183	0.000461	0.000234	0.0012
2115 May	132	0.0774	0.054	0.002	19.4	0.0401	31.6	0.00118	0.000961	0.00000493	0.007	0.00177	0.0309	0.0274	0.00000509	27.8	0.0000204	0.000547	0.000395	0.0013
2115 Jun	140	0.0659	0.0586	0.00209	20.6	0.0362	32.8	0.00124	0.001	0.00000515	0.00701	0.00191	0.0315	0.0312	0.00000531	30.7	0.0000229	0.000602	0.000475	0.00135
2115 Jul	115	0.0517	0.0453	0.00186	17.6	0.038	25.4	0.00122	0.00105	0.00000534	0.00677	0.00175	0.0259	0.0274	0.00000546	26.1	0.0000193	0.000483	0.000385	0.00125
2115 Aug	70.8	0.0402	0.0221	0.00135	12.8	0.0406	12.8	0.00108	0.00101	0.00000507	0.00584	0.00133	0.0175	0.0192	0.00000512	18	0.0000104	0.000291	0.000206	0.000973
2115 Sep	71.7	0.0523	0.0216	0.00136	13.2	0.0437	13.3	0.00108	0.001	0.00000505	0.00613	0.00129	0.019	0.0179	0.00000511	17.6	0.00000994	0.000295	0.000174	0.000951
2115 Oct	75.8	0.0659	0.0231	0.0014	13.6	0.0444	14.8	0.00108	0.000995	0.00000502	0.00665	0.0013	0.0199	0.0181	0.00000509	18.1	0.0000118	0.000307	0.000176	0.000994
2115 Nov	92	0.08	0.0317	0.0016	14.8	0.0457	21	0.00111	0.000971	0.00000493	0.00714	0.00137	0.0243	0.0186	0.00000503	19.6	0.0000148	0.000362	0.000195	0.00108
2115 Dec	99.1	0.0801	0.0359	0.0017	15.3	0.0462	23.6	0.00112	0.000968	0.00000493	0.00714	0.00142	0.0263	0.0189	0.00000504	20.3	0.0000154	0.000389	0.000205	0.00111
2116 Jan	101	0.08	0.0368	0.00172	15.3	0.0463	24.2	0.00113	0.000967	0.00000493	0.00714	0.00143	0.0268	0.0189	0.00000505	20.4	0.0000155	0.000394	0.000207	0.00112
2116 Feb	101	0.08	0.0369	0.00172	15.4	0.0463	24.3	0.00113	0.000968	0.00000493	0.00714	0.00143	0.0268	0.0189	0.00000505	20.4	0.0000155	0.000395	0.000208	0.00112
2116 Mar	101	0.0801	0.037	0.00173	15.4	0.0464	24.3	0.00113	0.000969	0.00000494	0.00715	0.00143	0.0269	0.019	0.00000506	20.5	0.0000156	0.000396	0.000208	0.00112
2116 Apr	102	0.0807	0.0372	0.00174	15.5	0.0467	24.5	0.00114	0.000975	0.00000497	0.00719	0.00144	0.027	0.0191	0.00000509	20.6	0.0000157	0.000398	0.000209	0.00113
2116 May	119	0.0766	0.0461	0.00187	17.9	0.0428	28.7	0.00117	0.000976	0.00000499	0.00703	0.00165	0.0293	0.0246	0.00000513	25.3	0.0000183	0.000485	0.000329	0.00123
2116 Jun	144	0.0497	0.0667	0.00241	16.4	0.0407	41.2	0.00126	0.000941	0.00000488	0.00684	0.00167	0.04	0.0198	0.00000511	23.7	0.0000226	0.000592	0.000284	0.0012
2116 Jul	113	0.0378	0.0491	0.00206	13.6	0.0369	29.5	0.00125	0.00103	0.00000526	0.0074	0.00149	0.0315	0.0178	0.00000542	20	0.0000232	0.00048	0.00023	0.00107
2116 Aug	104	0.0402	0.0424	0.00193	13.6	0.0399	25.5	0.00126	0.00107	0.00000545	0.00736	0.00148	0.029	0.018	0.00000559	19.6	0.0000205	0.000441	0.000213	0.00106
2116 Sep	97.9	0.0692	0.0364	0.00174	14.5	0.044	23.3	0.00116	0.001	0.00000509	0.00732	0.00141	0.0266	0.0182	0.00000521	19.7	0.0000172	0.000399	0.0002	0.00108
2116 Oct	118	0.0903	0.0463	0.00196	16.6	0.0477	30.7	0.00117	0.000956	0.0000049	0.00756	0.00153	0.0317	0.0197	0.00000506	22.2	0.0000184	0.000463	0.000232	0.00121
2116 Nov	117	0.0919	0.0456	0.00194	16.6	0.0479	30.4	0.00117	0.00096	0.00000492	0.00762	0.00153	0.0314	0.0197	0.00000508	22.2	0.0000184	0.00046	0.000231	0.00121
2116 Dec	118	0.0917	0.0462	0.00196	16.7	0.048	30.7	0.00118	0.00096	0.00000492	0.00761	0.00154	0.0317	0.0198	0.00000508	22.3	0.0000184	0.000463	0.000232	0.00121
2117 Jan	118	0.0915	0.0465	0.00196	16.7	0.048	30.9	0.00118	0.00096	0.00000492	0.00761	0.00154	0.0318	0.0198	0.00000508	22.3	0.0000185	0.000465	0.000233	0.00122
2117 Feb	119	0.0915	0.0466	0.00197	16.7	0.0481	31	0.00118	0.00096	0.00000492	0.0076	0.00154	0.0319	0.0198	0.00000508	22.3	0.0000185	0.000466	0.000233	0.00122
2117 Mar	119	0.0916	0.0467	0.00197	16.7	0.0481	31.1	0.00118	0.000961	0.00000493	0.00761	0.00154	0.032	0.0198	0.00000509	22.4	0.0000185	0.000467	0.000234	0.00122
2117 Apr	120	0.0924	0.0471	0.00199	16.9	0.0485	31.3	0.00119	0.000969	0.00000497	0.00768	0.00156	0.0322	0.02	0.00000513	22.6	0.0000187	0.000471	0.000236	0.00123
2117 May	126	0.0838	0.0491	0.00193	18.9	0.0422	30.2	0.00119	0.000978	0.000005	0.00733	0.00172	0.0302	0.0263	0.00000516	26.9	0.0000202	0.00052	0.000364	0.00129
2117 Jun	142	0.0574	0.0616	0.00224	18.3	0.0387	37.1	0.00125	0.000979	0.00000505	0.00701	0.00179	0.036	0.0253	0.00000525	27.1	0.000023	0.000598	0.000376	0.00127
2117 Jul	121	0.0476	0.0502	0.00204	16.3	0.0394	30.1	0.00126	0.00104	0.00000533	0.00705	0.00169	0.0307	0.0235	0.00000549	24.2	0.000021	0.000507	0.000324	0.00122
2117 Aug	101	0.0443	0.0384	0.00179	14.9	0.0414	23.1	0.00122	0.00106	0.00000539	0.00676	0.00156	0.0258	0.0216	0.00000551	21.6	0.0000169	0.000419	0.000267	0.00113
2117 Sep	90.1	0.0545	0.0313	0.00163	14.5	0.0427	19.1	0.00119	0.00106	0.00000538	0.00699	0.00148	0.023	0.0207	0.00000547	20.4	0.0000157	0.000374	0.000236	0.00109
2117 Oct	74.5	0.076	0.021	0.00138	13.8	0.0432	13.6	0.0011	0.00103	0.00000519	0.0075	0.00132	0.0185	0.0191	0.00000524	18.5	0.0000153	0.000305	0.000194	0.00104
2117 Nov	69.3	0.0829	0.0177	0.00129	13.5	0.0433	11.9	0.00108	0.00102	0.00000512	0.00765	0.00127	0.017	0.0186	0.00000516	17.9	0.0000152	0.000282	0.00018	0.00103
2117 Dec	68.5	0.084	0.0172	0.00128	13.5	0.0433	11.6	0.00107	0.00102	0.00000511	0.00768	0.00126	0.0168	0.0186	0.00000515	17.8	0.0000151	0.000278	0.000177	0.00102
2118 Jan	68.5	0.084	0.0172	0.00128	13.5	0.0433	11.6	0.00107	0.00102	0.00000511	0.00768	0.00126	0.0168	0.0186	0.00000515	17.8	0.0000151	0.000278	0.000178	0.00102
2118 Feb	68.5	0.084	0.0172	0.00128	13.5	0.0433	11.6	0.00107	0.00102	0.00000511	0.00768	0.00126	0.0168	0.0186	0.00000515	17.8	0.0000151	0.000278	0.000178	0.00102
2118 Mar	68.6	0.0841	0.0172	0.00128	13.5	0.0434	11.6	0.00107	0.00102	0.00000511	0.00769	0.00127	0.0168	0.0186	0.00000516	17.8	0.0000151	0.000279	0.000178	0.00103
2118 Apr	72.2	0.0864	0.0182	0.00128	14.6	0.0426	11.7	0.00108	0.00102	0.00000513	0.00765	0.00134	0.0165	0.021	0.00000518	19.6	0.0000154	0.000298	0.000222	0.00107
2118 May	120	0.0789	0.045	0.00179	19.3	0.0394	26.6	0.00116	0.000985	0.00000502	0.00705	0.00176	0.0268	0.029	0.00000515	28.1	0.0000195	0.00051	0.000411	0.00129
2118 Jun	141	0.0522	0.0634	0.00233	17	0.0395	38.6	0.00127	0.000967	0.000005	0.00701	0.00173	0.0378	0.022	0.00000521	24.9	0.000023	0.000595	0.000319	0.00122
2118 Jul	125	0.0451	0.054	0.00217	15.6	0.0395	32.5	0.00129	0.00104	0.00000535	0.00734	0.00166	0.0335	0.021	0.00000553	23	0.0000228	0.00053	0.000285	0.00118
2118 Aug	78	0.0432	0.0263	0.00149	12.8	0.0417	16	0.00112	0.00102	0.00000514	0.0063	0.00132	0.0214	0.0175	0.00000521	17.7	0.0000124	0.000331	0.000178	0.000951
2118 Sep	130	0.0795	0.0541	0.00215	17.2	0.0481	35.3	0.00122	0.000952	0.00000491	0.00711	0.00163	0.0355	0.0203	0.0000051	23.5	0.0000181	0.000521	0.000254	0.00123
2118 Oct	147	0.0851	0.0639	0.00238	18.4	0.0495	41.8	0.00126	0.000941	0.00000488	0.00728	0.00175	0.0404	0.0213	0.00000511	25.4	0.00002	0.00059	0.000282	0.00132
2118 Nov	155	0.0836	0.0686	0.0025	18.9	0.0501	44.8	0.00129	0.00094	0.00000489	0.00722	0.0018	0.0428	0.0217	0.00000514	26.2	0.0000205	0.000622	0.000295	0.00135
2118 Dec	156	0.0835	0.0689	0.00251	18.9	0.0502	45	0.00129	0.000941	0.00000489	0.00722	0.00181	0.0429	0.0217	0.00000514	26.2	0.0000205	0.000624	0.000296	0.00136
2119 Jan	156	0.0835	0.0691	0.00251	18.9	0.0502	45.1	0.00129	0.000941	0.00000489	0.00722	0.00181	0.043	0.0218	0.00000515	26.3	0.0000206	0.000626	0.000296	0.00136
2119 Feb	156	0.0834	0.0692	0.00251	18.9	0.0502	45.2	0.00129	0.000941	0.0000049	0.00722	0.00181	0.0431	0.0218	0.00000515	26.3	0.0000206	0.000627	0.000297	0.00136
2119 Mar	157	0.0837	0.0694	0.00252	19	0.0503	45.3	0.00129	0.000943	0.00000491	0.00723	0.00182	0.0432	0.0218	0.00000516	26.4	0.0000206	0.000628	0.000298	0.00136
2119 Apr	158	0.0893	0.067	0.00238	21.3	0.0473	42.3	0.00127	0.000958	0.00000496	0.00713	0.00196	0.0396	0.028	0.00000519	30.4	0.0000208	0.000647	0.000408	0.00144
2119 May	160	0.0755	0.0685	0.0023	22.6	0.0393	40.3	0.00125	0.000946	0.0000049	0.00659	0.00208	0.0369	0.0335	0.00000511	33.7	0.000022	0.000689	0.000525	0.00146
2119 Jun	128	0.0515	0.055	0.0021	16.7	0.036	32.4	0.00122	0.000969	0.00000498	0.00698	0.00169	0.0326	0.0235	0.00000516	24.8	0.0000227	0.000559	0.000341	0.00118
2119 Jul	107	0.0411	0.0436	0.0019	14.3	0.0346	25.2	0.00124	0.00104	0.00000533	0.00745	0.00155	0.0277	0.021	0.00000546	21.6	0.0000232	0.000476	0.000282	0.00109
2119 Aug	81.8	0.0423	0.0282	0.00155	13.1	0.039	16.5	0.00116	0.00105	0.00000529	0.00679	0.00137	0.0217	0.0188	0.00000537	18.7	0.0000158	0.000361	0.000209	0.000978
2119 Sep	80.2	0.0678	0.0256	0.00147	13.7	0.0435	16.6	0.0011	0.000991	0.00000501	0.00693	0.00132	0.0215	0.018	0.00000509	18.4	0.0000138	0.000337	0.00018	0.000998
2119 Oct	121	0.0836	0.0481	0.00201	16.6	0.0475	31.8	0.00119	0.000956	0.00000491	0.00729	0.00158	0.0328	0.02	0.00000508	22.6	0.0000179	0.000489	0.000241	0.00121
2119 Nov	155	0.082	0.0684	0.0025	18.8	0.0502	45	0.00129	0.00094	0.00000489	0.00716	0.00182	0.043	0.0218	0.00000514	26.3	0.0000203	0.000629	0.000296	0.00135
2119 Dec	157	0.0817	0.0694	0.00253	18.9	0.0503	45.6	0.0013	0.00094	0.00000489	0.00715	0.00183	0.0435	0.0218	0.00000515	26.4	0.0000204	0.000636	0.000299	0.00136

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0421	0.00000965	0.861	1.19	0.00966	0.000117	2.7	0.000942	0.0435	0.0000239	0.000029	0.0000401	0.0493	0.00000193	0.0000484	0.000198	0.00112	0
Operation (2026-2036): Mean	0.0482	0.0000101	1.08	1.69	0.0161	0.000368	3.82	0.00104	0.0516	0.0000985	0.0000978	0.0000472	0.0694	0.00000203	0.0000695	0.000315	0.00146	0
Operation (2026-2036): Max	0.0792	0.0000109	1.54	2.96	0.0627	0.000544	5.48	0.0014	0.0571	0.000529	0.000225	0.0000869	0.117	0.00000218	0.0000841	0.000883	0.00205	0
Active Closure (2037-2043): Min	0.0393	0.0000097	0.872	1.2	0.00986	0.000124	2.68	0.000959	0.0435	0.0000282	0.000034	0.000042	0.0495	0.00000194	0.0000493	0.000132	0.00115	0
Active Closure (2037-2043): Mean	0.0516	0.0000103	1.14	1.83	0.0214	0.000342	4	0.00109	0.0512	0.000148	0.000109	0.0000533	0.075	0.00000205	0.0000678	0.000364	0.00151	0
Active Closure (2037-2043): Max	0.0799	0.0000111	1.58	3.1	0.0642	0.000483	5.67	0.00141	0.0565	0.000544	0.000235	0.0000879	0.122	0.00000221	0.0000798	0.000903	0.00207	0
Post Closure (2044-2119): Min	0.0361	0.00000802	1.14	1.82	0.0131	0.00026	4.24	0.00105	0.0308	0.0000408	0.0000592	0.0000469	0.0731	0.00000201	0.0000772	0.000206	0.00123	4.75E-08
Post Closure (2044-2119): Mean	0.0517	0.0000102	1.46	3.61	0.0301	0.000536	7.61	0.00241	0.0477	0.000177	0.000161	0.0000867	0.0996	0.00000216	0.000127	0.000436	0.0015	0.0000163
Post Closure (2044-2119): Max	0.0913	0.0000118	2.54	6.94	0.0914	0.00088	28.9	0.00439	0.0555	0.000616	0.000303	0.000169	0.19	0.00000362	0.000268	0.00105	0.00206	0.0000354
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0.0494	0.0000101	1.13	1.82	0.0165	0.000434	4.13	0.00105	0.0526	0.0000983	0.0000637	0.0000487	0.0746	0.00000202	0.0000736	0.000268	0.00129	0
2026 Feb	0.0494	0.0000101	1.13	1.82	0.0165	0.000434	4.13	0.00105	0.0526	0.0000983	0.0000637	0.0000487	0.0746	0.00000202	0.0000737	0.000268	0.00129	0
2026 Mar	0.0494	0.0000101	1.14	1.82	0.0165	0.000434	4.14	0.00105	0.0526	0.0000984	0.0000637	0.0000487	0.0747	0.00000202	0.0000737	0.000268	0.00129	0
2026 Apr	0.0496	0.0000101	1.14	1.82	0.0166	0.000436	4.15	0.00105	0.0528	0.0000988	0.000064	0.0000489	0.075	0.00000203	0.000074	0.000269	0.00129	0
2026 May	0.0509	0.0000103	1.17	1.88	0.0178	0.000439	4.24	0.00108	0.0536	0.000109	0.0000665	0.0000504	0.0771	0.00000206	0.000075	0.000283	0.00132	0
2026 Jun	0.0456	0.00000986	0.949	1.39	0.0202	0.000132	2.88	0.00103	0.0456	0.000148	0.000213	0.0000475	0.057	0.00000197	0.0000526	0.000516	0.00199	0
2026 Jul	0.0449	0.0000103	0.932	1.3	0.0167	0.000126	2.81	0.00104	0.0467	0.000122	0.000212	0.0000459	0.0537	0.00000206	0.0000525	0.000474	0.00202	0
2026 Aug	0.0446	0.0000104	0.981	1.38	0.0141	0.00021	3.21	0.00103	0.0465	0.0000996	0.000143	0.0000478	0.0578	0.00000208	0.0000548	0.000313	0.00168	0
2026 Sep	0.0449	0.0000105	1.02	1.46	0.0136	0.00027	3.43	0.00104	0.0481	0.0000867	0.000123	0.0000482	0.0611	0.0000021	0.0000594	0.000288	0.00161	0
2026 Oct	0.0452	0.0000103	1.05	1.56	0.0123	0.000361	3.67	0.00102	0.0506	0.000066	0.0000919	0.0000455	0.0647	0.00000206	0.0000673	0.000259	0.00145	0
2026 Nov	0.0454	0.0000103	1.05	1.56	0.0123	0.000364	3.68	0.00102	0.0508	0.0000661	0.0000919	0.0000456	0.065	0.00000206	0.0000676	0.00026	0.00145	0
2026 Dec	0.0454	0.0000103	1.05	1.56	0.0123	0.000364	3.69	0.00102	0.0508	0.0000661	0.0000919	0.0000456	0.065	0.00000206	0.0000677	0.00026	0.00145	0
2027 Jan	0.0454	0.0000103	1.05	1.56	0.0123	0.000364	3.69	0.00102	0.0508	0.0000661	0.000092	0.0000456	0.065	0.00000206	0.0000677	0.00026	0.00145	0
2027 Feb	0.0454	0.0000103	1.05	1.56	0.0123	0.000364	3.69	0.00102	0.0508	0.0000661	0.000092	0.0000456	0.065	0.00000206	0.0000677	0.00026	0.00145	0
2027 Mar	0.0455	0.0000103	1.05	1.56	0.0123	0.000364	3.69	0.00103	0.0509	0.0000662	0.000092	0.0000457	0.0651	0.00000207	0.0000677	0.00026	0.00145	0
2027 Apr	0.0457	0.0000104	1.06	1.57	0.0124	0.000366	3.71	0.00103	0.0512	0.0000665	0.0000925	0.0000459	0.0655	0.00000208	0.0000681	0.000261	0.00146	0
2027 May	0.0482	0.0000106	1.1	1.67	0.0149	0.000369	3.86	0.00107	0.0522	0.0000884	0.0000974	0.0000487	0.0693	0.00000211	0.0000694	0.00029	0.0015	0
2027 Jun	0.0449	0.0000099	0.948	1.38	0.0186	0.000152	2.91	0.00102	0.0459	0.000133	0.0002	0.0000467	0.0567	0.00000198	0.0000536	0.000483	0.00193	0
2027 Jul	0.0437	0.0000103	0.91	1.24	0.0151	0.000121	2.73	0.00102	0.0464	0.000109	0.000211	0.0000445	0.0514	0.00000206	0.0000517	0.000456	0.00202	0
2027 Aug	0.0449	0.0000107	0.974	1.34	0.0147	0.000175	3.05	0.00106	0.0478	0.000101	0.000183	0.0000475	0.056	0.00000214	0.0000551	0.000396	0.00192	0
2027 Sep	0.044	0.0000104	1.03	1.48	0.0127	0.000318	3.49	0.00103	0.0494	0.0000683	0.000119	0.0000466	0.0622	0.00000208	0.0000639	0.000298	0.0016	0
2027 Oct	0.0448	0.0000102	1.06	1.59	0.0115	0.000406	3.74	0.00102	0.0518	0.0000511	0.0000845	0.0000441	0.066	0.00000204	0.0000713	0.000262	0.00142	0
2027 Nov	0.0451	0.0000102	1.07	1.62	0.0112	0.00043	3.82	0.00101	0.0526	0.0000467	0.0000755	0.0000435	0.0671	0.00000203	0.0000735	0.000253	0.00138	0
2027 Dec	0.0451	0.0000102	1.07	1.62	0.0112	0.000432	3.83	0.00101	0.0527	0.0000462	0.0000747	0.0000434	0.0672	0.00000203	0.0000737	0.000252	0.00137	0
2028 Jan	0.0451	0.0000102	1.07	1.62	0.0112	0.000432	3.83	0.00101	0.0527	0.0000462	0.0000747	0.0000434	0.0672	0.00000203	0.0000737	0.000252	0.00137	0
2028 Feb	0.0451	0.0000102	1.07	1.62	0.0112	0.000432	3.83	0.00101	0.0527	0.0000462	0.0000747	0.0000435	0.0672	0.00000203	0.0000737	0.000252	0.00137	0
2028 Mar	0.0451	0.0000102	1.07	1.62	0.0112	0.000432	3.83	0.00101	0.0527	0.0000463	0.0000747	0.0000435	0.0672	0.00000203	0.0000737	0.000252	0.00137	0
2028 Apr	0.0452	0.0000102	1.07	1.63	0.0112	0.000434	3.84	0.00102	0.0528	0.0000464	0.0000749	0.0000436	0.0674	0.00000204	0.0000739	0.000253	0.00138	0
2028 May	0.0458	0.0000103	1.09	1.65	0.0114	0.000439	3.89	0.00103	0.0535	0.0000471	0.0000759	0.0000442	0.0683	0.00000207	0.0000749	0.000256	0.00139	0
2028 Jun	0.0422	0.00000996	0.919	1.28	0.014	0.000189	2.85	0.000995	0.0467	0.0000879	0.000186	0.0000428	0.0532	0.00000199	0.0000559	0.00043	0.00189	0
2028 Jul	0.0432	0.0000102	0.903	1.23	0.0148	0.000123	2.7	0.00101	0.0462	0.000104	0.00021	0.000044	0.0508	0.00000204	0.0000517	0.000454	0.00201	0
2028 Aug	0.0458	0.0000109	0.976	1.33	0.0152	0.000156	2.99	0.00108	0.049	0.000106	0.000204	0.0000475	0.0555	0.00000218	0.0000557	0.000441	0.00205	0
2028 Sep	0.0463	0.0000108	1.02	1.45	0.0141	0.000252	3.32	0.00107	0.051	0.0000871	0.000165	0.0000469	0.0603	0.00000216	0.0000627	0.000386	0.00186	0
2028 Oct	0.0458	0.0000101	1.07	1.65	0.011	0.000449	3.86	0.00101	0.054	0.0000438	0.0000731	0.0000418	0.0678	0.00000202	0.0000764	0.000263	0.00136	0
2028 Nov	0.0461	0.0000101	1.08	1.68	0.0108	0.000474	3.95	0.00101	0.0548	0.0000395	0.0000639	0.0000416	0.0691	0.00000202	0.0000784	0.000252	0.00132	0
2028 Dec	0.0462	0.0000101	1.08	1.68	0.0108	0.000474	3.95	0.00101	0.0548	0.0000396	0.000064	0.0000416	0.0691	0.00000202	0.0000785	0.000252	0.00132	0
2029 Jan	0.0462	0.0000101	1.08	1.68	0.0108	0.000474	3.95	0.00101	0.0548	0.0000396	0.000064	0.0000416	0.0691	0.00000202	0.0000785	0.000252	0.00132	0
2029 Feb	0.0462	0.0000101	1.08	1.68	0.0108	0.000474	3.95	0.00101	0.0548	0.0000396	0.000064	0.0000416	0.0691	0.00000202	0.0000785	0.000252	0.00132	0
2029 Mar	0.0462	0.0000101	1.08	1.68	0.0108	0.000474	3.95	0.00101	0.0548	0.0000396	0.000064	0.0000416	0.0692	0.00000203	0.0000785	0.000252	0.00132	0
2029 Apr	0.0462	0.0000101	1.08	1.69	0.0108	0.000475	3.96	0.00101	0.0549	0.0000396	0.0000641	0.0000416	0.0692	0.00000203	0.0000786	0.000253	0.00132	0
2029 May	0.0467	0.0000102	1.09	1.7	0.011	0.000479	3.99	0.00102	0.0553	0.0000408	0.0000648	0.0000421	0.0699	0.00000204	0.0000793	0.000256	0.00133	0
2029 Jun	0.0479	0.0000102	1.06	1.63	0.0167	0.000328	3.61	0.00105	0.052	0.000102	0.000134	0.0000463	0.0669	0.00000204	0.0000687	0.000392	0.00165	0
2029 Jul	0.0434	0.00000987	0.883	1.23	0.0128	0.000145	2.84	0.000958	0.0445	0.000102	0.000153	0.0000425	0.0509	0.00000197	0.0000497	0.000317	0.00167	0
2029 Aug	0.0449	0.0000103	0.954	1.34	0.0121	0.000208	3.22	0.000991	0.046	0.0000944	0.000115	0.0000457	0.0561	0.00000206	0.0000532	0.000233	0.00152	0
2029 Sep	0.045	0.0000104	1.01	1.45	0.0117	0.000289	3.49	0.00101	0.048	0.0000777	0.0000946	0.0000464	0.0607	0.00000208	0.0000596	0.000216	0.00144	0
2029 Oct	0.0454	0.0000102	1.04	1.56	0.011	0.000381	3.74	0.001	0.0508	0.0000587	0.0000704	0.0000442	0.0647	0.00000204	0.000068	0.000209	0.00133	0
2029 Nov	0.0454	0.00000995	1.06	1.65	0.0101	0.000466	3.93	0.000984	0.053	0.0000398	0.0000465	0.0000416	0.0681	0.00000199	0.0000755	0.0002	0.00121	0
2029 Dec	0.0454	0.00000995	1.07	1.65	0.0101	0.000466	3.94	0.000985	0.053	0.0000398	0.0000465	0.0000416	0.0681	0.00000199	0.0000755	0.0002	0.00121	0
2030 Jan	0.0454	0.00000995	1.07	1.65	0.0101	0.000466	3.94	0.000985	0.053	0.0000398	0.0000465	0.0000416	0.0681	0.00000199	0.0000755	0.0002	0.00121	0
2030 Feb	0.0454	0.00000996	1.07	1.65	0.0101	0.000466	3.94	0.000985	0.053	0.0000398	0.0000465	0.0000416	0.0681	0.00000199	0.0000756	0.0002	0.00121	0
2030 Mar	0.0455	0.00000996	1.07	1.65	0.0101	0.000466	3.94	0.000986	0.0531	0.0000398	0.0000466	0.0000416	0.0681	0.00000199	0.0000756	0.000201	0.00121	0
2030 Apr	0.0455	0.00000998	1.07	1.66	0.0102	0.000467	3.95	0.000987	0.0532	0.0000399	0.0000466	0.0000417	0.0682	0.000002	0.0000757	0.000201	0.00121	0
2030 May	0.0462	0.0000101	1.08	1.68	0.0103	0.000474	4.01	0.001	0.054	0.0000405	0.0000473	0.0000423	0.0693	0.00000203	0.0000769	0.000204	0.00123	0
2030 Jun	0.0423	0.00000994	0.92	1.29	0.0137	0.000197	2.88	0.000991	0.0469	0.0000859	0.00018	0.0000424	0.0535	0.00000199	0.0000566	0.000417	0.00185	0
2030 Jul	0.0428	0.00001	0.889	1.22	0.014	0.000131	2.72	0.000988	0.0453	0.000102	0.000191	0.000043	0.0504	0.000002	0.0000509	0.000411	0.00189	0
2030 Aug	0.0448	0.0000104	0.941	1.31	0.0132	0.000176	3.05	0.00101	0.0466	0.0000997	0.000152	0.0000452	0.0545	0.00000207	0.0000531	0.000318	0.00172	0
2030 Sep	0.0458	0.0000107	0.989	1.39	0.0133	0.000215	3.25	0.00104	0.0483	0.0000948	0.000144	0.000047	0.0578	0.00000213	0.0000567	0.000309	0.00171	0
2030 Oct	0.0459	0.0000105	1.02	1.48	0.0123	0.000302	3.49	0.00103	0.0503	0.0000763	0.000114	0.0000452	0.0616	0.00000209	0.0000637	0.000281	0.00156	0
2030 Nov	0.0459	0.0000103	1.04	1.54	0.0117	0.000356	3.64	0.00102	0.0515	0.0000645	0.0000945	0.0000439	0.0638	0.00000206	0.000068	0.000263	0.00146	0
2030 Dec	0.0459	0.0000103	1.04	1.54	0.0117	0.000356	3.64	0.00102	0.0515	0.0000645	0.0000946	0.0000439	0.0638	0.00000206	0.000068	0.000263	0.00146	0
2031 Jan	0.0459	0.0000103	1.04	1.54	0.0117	0.000356	3.64	0.00102	0.0515	0.0000645	0.0000946	0.0000439	0.0638	0.00000206	0.000068	0.000263	0.00146	0

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.0459	0.0000103	1.04	1.54	0.0117	0.000356	3.64	0.00102	0.0515	0.0000645	0.0000946	0.0000439	0.0638	0.00000206	0.000068	0.000263	0.00146	0
2031 Mar	0.0459	0.0000103	1.04	1.54	0.0117	0.000356	3.64	0.00102	0.0515	0.0000645	0.0000946	0.0000439	0.0638	0.00000206	0.0000681	0.000263	0.00146	0
2031 Apr	0.0462	0.0000104	1.04	1.55	0.0118	0.000358	3.66	0.00102	0.0518	0.0000649	0.0000951	0.0000441	0.0641	0.00000207	0.0000684	0.000264	0.00147	0
2031 May	0.058	0.0000105	1.23	2.07	0.0277	0.000338	4.33	0.00116	0.0534	0.000209	0.000118	0.0000586	0.0836	0.00000209	0.0000705	0.000434	0.00155	0
2031 Jun	0.0792	0.00001	1.51	2.94	0.0627	0.000171	5.13	0.0014	0.0518	0.000529	0.000219	0.0000869	0.116	0.00000201	0.0000641	0.000883	0.00191	0
2031 Jul	0.0746	0.0000107	1.44	2.67	0.0536	0.000169	4.81	0.00138	0.0533	0.000449	0.000225	0.0000807	0.106	0.00000213	0.0000644	0.000811	0.00202	0
2031 Aug	0.069	0.0000109	1.37	2.44	0.0444	0.00021	4.66	0.00132	0.0528	0.000368	0.000187	0.0000751	0.0978	0.00000217	0.0000643	0.000654	0.00187	0
2031 Sep	0.0583	0.0000105	1.26	2.14	0.0301	0.000344	4.44	0.00118	0.0525	0.000224	0.000118	0.0000622	0.0869	0.00000209	0.0000699	0.00045	0.00155	0
2031 Oct	0.0504	0.00000999	1.16	1.91	0.017	0.000483	4.28	0.00105	0.0546	0.0000955	0.0000564	0.0000476	0.0777	0.000002	0.000079	0.000288	0.00125	0
2031 Nov	0.0501	0.00001	1.16	1.9	0.0163	0.000493	4.29	0.00105	0.0549	0.0000883	0.000053	0.0000469	0.0775	0.000002	0.0000798	0.000279	0.00124	0
2031 Dec	0.0501	0.00001	1.16	1.9	0.0163	0.000493	4.29	0.00105	0.0549	0.0000883	0.000053	0.0000469	0.0775	0.000002	0.0000799	0.00028	0.00124	0
2032 Jan	0.0501	0.00001	1.16	1.9	0.0163	0.000493	4.29	0.00105	0.0549	0.0000883	0.000053	0.0000469	0.0775	0.000002	0.0000799	0.00028	0.00124	0
2032 Feb	0.0501	0.00001	1.16	1.9	0.0163	0.000493	4.29	0.00105	0.0549	0.0000883	0.000053	0.0000469	0.0775	0.000002	0.0000799	0.00028	0.00124	0
2032 Mar	0.0501	0.00001	1.16	1.9	0.0163	0.000493	4.29	0.00105	0.055	0.0000883	0.000053	0.0000469	0.0775	0.000002	0.0000799	0.00028	0.00124	0
2032 Apr	0.0503	0.00001	1.16	1.91	0.0164	0.000494	4.3	0.00105	0.0551	0.0000886	0.0000532	0.0000471	0.0778	0.00000201	0.0000801	0.00028	0.00124	0
2032 May	0.0517	0.0000102	1.19	1.96	0.0176	0.000498	4.4	0.00107	0.0559	0.0000989	0.0000558	0.0000486	0.0799	0.00000204	0.0000812	0.000295	0.00127	0
2032 Jun	0.0462	0.00000984	0.971	1.45	0.0202	0.000166	3.02	0.00103	0.0465	0.000146	0.000198	0.0000476	0.0594	0.00000197	0.0000553	0.000501	0.00192	0
2032 Jul	0.0421	0.00000966	0.861	1.19	0.013	0.000133	2.72	0.000942	0.0435	0.000101	0.000162	0.0000416	0.0493	0.00000193	0.0000484	0.000339	0.0017	0
2032 Aug	0.0424	0.00001	0.948	1.33	0.0118	0.00023	3.2	0.000972	0.0445	0.0000827	0.000108	0.0000458	0.0559	0.000002	0.0000529	0.000226	0.00147	0
2032 Sep	0.0427	0.0000102	1	1.42	0.0116	0.000296	3.46	0.000999	0.0461	0.0000695	0.0000909	0.0000475	0.0603	0.00000204	0.000058	0.000205	0.00142	0
2032 Oct	0.0435	0.0000102	1.03	1.48	0.0113	0.000338	3.59	0.001	0.048	0.0000628	0.0000813	0.0000467	0.0626	0.00000205	0.0000624	0.000205	0.00138	0
2032 Nov	0.0438	0.0000102	1.04	1.51	0.0112	0.000357	3.65	0.001	0.0487	0.0000594	0.0000766	0.0000462	0.0635	0.00000204	0.0000643	0.000205	0.00136	0
2032 Dec	0.0439	0.0000102	1.04	1.53	0.011	0.000375	3.69	0.001	0.0493	0.0000557	0.0000714	0.0000454	0.0642	0.00000203	0.000066	0.000203	0.00134	0
2033 Jan	0.0439	0.0000102	1.04	1.53	0.011	0.000375	3.69	0.001	0.0493	0.0000557	0.0000714	0.0000454	0.0642	0.00000203	0.000066	0.000203	0.00134	0
2033 Feb	0.0439	0.0000102	1.04	1.53	0.011	0.000375	3.69	0.001	0.0493	0.0000557	0.0000714	0.0000455	0.0642	0.00000203	0.000066	0.000203	0.00134	0
2033 Mar	0.044	0.0000102	1.04	1.53	0.011	0.000376	3.7	0.001	0.0494	0.0000558	0.0000715	0.0000455	0.0643	0.00000204	0.0000661	0.000204	0.00134	0
2033 Apr	0.0442	0.0000102	1.05	1.54	0.0111	0.000378	3.72	0.00101	0.0497	0.0000561	0.000072	0.0000458	0.0647	0.00000205	0.0000665	0.000205	0.00135	0
2033 May	0.0771	0.0000102	1.54	2.96	0.0562	0.000298	5.48	0.00137	0.0536	0.000466	0.000144	0.0000844	0.117	0.00000204	0.0000708	0.000705	0.00157	0
2033 Jun	0.0699	0.00000965	1.34	2.52	0.0527	0.000139	4.45	0.00129	0.0485	0.000441	0.00022	0.0000764	0.0996	0.00000193	0.0000585	0.0008	0.00191	0
2033 Jul	0.0609	0.0000101	1.19	2.05	0.0377	0.000142	3.89	0.0012	0.0486	0.000312	0.000206	0.0000647	0.0821	0.00000202	0.0000568	0.000637	0.00191	0
2033 Aug	0.0612	0.0000106	1.22	2.04	0.0348	0.000171	4.03	0.00122	0.0505	0.000288	0.000189	0.0000648	0.0823	0.00000213	0.0000591	0.000574	0.00188	0
2033 Sep	0.0527	0.0000102	1.16	1.89	0.0226	0.000351	4.08	0.0011	0.0517	0.000158	0.000108	0.000054	0.0771	0.00000205	0.0000691	0.000377	0.0015	0
2033 Oct	0.047	0.0000098	1.11	1.79	0.0118	0.000522	4.16	0.000995	0.0549	0.000046	0.0000368	0.0000418	0.0731	0.00000196	0.0000813	0.000228	0.00115	0
2033 Nov	0.0469	0.00000985	1.11	1.8	0.0112	0.000539	4.2	0.000996	0.0556	0.0000385	0.0000321	0.0000413	0.0734	0.00000197	0.0000828	0.000219	0.00114	0
2033 Dec	0.047	0.00000985	1.11	1.8	0.0112	0.000539	4.2	0.000996	0.0556	0.0000385	0.0000322	0.0000413	0.0734	0.00000197	0.0000828	0.000219	0.00114	0
2034 Jan	0.047	0.00000985	1.11	1.8	0.0112	0.000539	4.2	0.000996	0.0556	0.0000385	0.0000322	0.0000413	0.0734	0.00000197	0.0000828	0.000219	0.00114	0
2034 Feb	0.047	0.00000985	1.11	1.8	0.0112	0.000539	4.2	0.000996	0.0556	0.0000385	0.0000322	0.0000413	0.0734	0.00000197	0.0000829	0.000219	0.00114	0
2034 Mar	0.047	0.00000986	1.11	1.8	0.0112	0.000539	4.2	0.000997	0.0556	0.0000385	0.0000322	0.0000413	0.0735	0.00000197	0.0000829	0.000219	0.00114	0
2034 Apr	0.0472	0.00000991	1.12	1.81	0.0113	0.000542	4.22	0.001	0.0559	0.0000387	0.0000323	0.0000415	0.0738	0.00000198	0.0000833	0.00022	0.00115	0
2034 May	0.0605	0.0000101	1.32	2.35	0.0295	0.000487	4.89	0.00116	0.0571	0.000207	0.0000689	0.0000583	0.0943	0.00000202	0.0000831	0.000421	0.00129	0
2034 Jun	0.0773	0.00000982	1.47	2.86	0.0611	0.000164	4.99	0.00137	0.0508	0.000516	0.000218	0.0000847	0.113	0.00000196	0.0000627	0.000871	0.00189	0
2034 Jul	0.0591	0.0000101	1.15	1.96	0.0331	0.000161	3.86	0.00115	0.0482	0.000279	0.000173	0.0000613	0.0785	0.00000202	0.0000562	0.000531	0.00174	0
2034 Aug	0.0605	0.0000108	1.21	2.01	0.032	0.000195	4.08	0.0012	0.0508	0.000266	0.000166	0.0000635	0.0812	0.00000215	0.0000599	0.0005	0.00177	0
2034 Sep	0.0533	0.0000103	1.16	1.89	0.0211	0.000372	4.14	0.0011	0.053	0.000147	0.0000956	0.0000524	0.0771	0.00000206	0.0000713	0.000349	0.00144	0
2034 Oct	0.0476	0.00000986	1.11	1.8	0.0123	0.000516	4.17	0.001	0.0551	0.0000514	0.0000389	0.0000423	0.0735	0.00000197	0.0000811	0.000231	0.00117	0
2034 Nov	0.0477	0.00000991	1.12	1.81	0.012	0.000524	4.2	0.00101	0.0555	0.0000485	0.0000372	0.0000422	0.0738	0.00000198	0.0000819	0.000229	0.00117	0
2034 Dec	0.0477	0.00000991	1.12	1.81	0.012	0.000524	4.2	0.00101	0.0555	0.0000485	0.0000373	0.0000422	0.0738	0.00000198	0.0000819	0.000229	0.00117	0
2035 Jan	0.0477	0.00000991	1.12	1.81	0.012	0.000524	4.2	0.00101	0.0555	0.0000485	0.0000373	0.0000422	0.0738	0.00000198	0.0000819	0.000229	0.00117	0
2035 Feb	0.0477	0.00000991	1.12	1.81	0.012	0.000524	4.2	0.00101	0.0555	0.0000485	0.0000373	0.0000422	0.0738	0.00000198	0.0000819	0.000229	0.00117	0
2035 Mar	0.0477	0.00000991	1.12	1.81	0.0121	0.000524	4.2	0.00101	0.0555	0.0000486	0.0000373	0.0000422	0.0738	0.00000198	0.000082	0.000229	0.00117	0
2035 Apr	0.0479	0.00000996	1.12	1.82	0.0121	0.000527	4.22	0.00101	0.0558	0.0000488	0.0000374	0.0000424	0.0742	0.00000199	0.0000823	0.00023	0.00117	0
2035 May	0.0534	0.0000102	1.21	2.04	0.0189	0.000515	4.53	0.00108	0.057	0.00011	0.000051	0.0000491	0.0827	0.00000203	0.0000835	0.000306	0.00124	0
2035 Jun	0.0502	0.00000969	1.02	1.61	0.027	0.000123	3.15	0.00107	0.0456	0.00021	0.000217	0.0000531	0.0651	0.00000194	0.0000528	0.000581	0.00197	0
2035 Jul	0.0449	0.0000101	0.929	1.31	0.0177	0.000117	2.79	0.00103	0.0461	0.00013	0.000215	0.0000462	0.054	0.00000203	0.0000517	0.000489	0.00202	0
2035 Aug	0.044	0.0000104	0.998	1.4	0.0158	0.000211	3.18	0.00105	0.0465	0.000104	0.000164	0.0000493	0.059	0.00000208	0.0000556	0.000375	0.0018	0
2035 Sep	0.0433	0.00000993	1.07	1.61	0.0112	0.000445	3.84	0.000995	0.0507	0.0000423	0.0000608	0.0000443	0.0675	0.00000199	0.0000721	0.000222	0.00128	0
2035 Oct	0.045	0.00000985	1.09	1.72	0.01	0.000523	4.08	0.000986	0.0542	0.0000276	0.0000353	0.0000412	0.0708	0.00000197	0.0000802	0.000204	0.00116	0
2035 Nov	0.0451	0.00000975	1.09	1.73	0.00966	0.000537	4.1	0.000976	0.0546	0.0000239	0.000029	0.0000401	0.0711	0.00000195	0.0000815	0.000198	0.00112	0
2035 Dec	0.0451	0.00000976	1.09	1.73	0.00967	0.000537	4.1	0.000976	0.0546	0.0000239	0.000029	0.0000401	0.0711	0.00000195	0.0000816	0.000198	0.00112	0
2036 Jan	0.0451	0.00000976	1.09	1.73	0.00967	0.000537	4.1	0.000976	0.0546	0.0000239	0.000029	0.0000401	0.0711	0.00000195	0.0000816	0.000198	0.00112	0
2036 Feb	0.0451	0.00000976	1.09	1.73	0.00967	0.000537	4.1	0.000976	0.0546	0.0000239	0.000029	0.0000401	0.0711	0.00000195	0.0000816	0.000198	0.00112	0
2036 Mar	0.0451	0.00000976	1.09	1.73	0.00967	0.000537	4.1	0.000976	0.0546	0.0000239	0.000029	0.0000401	0.0711	0.00000195	0.0000816	0.000198	0.00112	0
2036 Apr	0.0461	0.00000981	1.11	1.78	0.0108	0.000539	4.17	0.000991	0.055	0.0000293	0.0000303	0.0000408	0.0729	0.00000196	0.0000821	0.00021	0.00113	0
2036 May	0.0499	0.00001	1.17	1.93	0.0148	0.000544	4.42	0.00104	0.0565	0.000053	0.0000359	0.0000439	0.0789	0.00000201	0.0000841	0.000253	0.00117	0
2036 Jun	0.0478	0.00000986	0.998	1.53	0.0222	0.000168	3.13	0.00105	0.0469	0.000161	0.000199	0.0000492	0.0622	0.00000197	0.000056	0.00052	0.00192	0
2036 Jul	0.0443	0.0000101	0.913	1.27	0.0151	0.000135	2.83	0.00101	0.046	0.000112	0.000188	0.0000445	0.0525	0.00000203	0.0000516	0.000411	0.00188	0
2036 Aug	0.0464	0.0000107	0.976	1.36	0.0151	0.000169	3.1	0.00105	0.0482	0.000111	0.000176	0.0000474	0.0566	0.00000213	0.0000549	0.000381	0.00187	0
2036 Sep	0.0452	0.0000105	1.02	1.47	0.0134	0.000281	3.43	0.00104	0.0492	0.0000827	0.000128	0.0000469	0.0613	0.0000021	0.0000617	0.000309	0.00164	0
2036 Oct	0.0456	0.0000101	1.06	1.63	0.0113	0.000429	3.83	0.00101	0.0528	0.0000498	0.0000724	0.0000429	0.0671	0.00000202	0.0000736	0.000249	0.00135	0
2036 Nov	0.0456	0.00001	1.07	1.65	0.011	0.000451	3.88	0.001	0.0533	0.0000448	0.000064	0.0000422	0.0679	0.00000201	0.0000754	0.00024	0.00131	0
2036 Dec	0.0456	0.00001	1.07	1.66	0.0109	0.000457	3.9	0.000999	0.0534	0.0000433	0.0000614	0.000042	0.0682	0.000002	0.0000758	0.000237	0.00129	0
2037 Jan	0.0456	0.00001	1.07	1.66	0.0109	0.000457	3.9	0.000999	0.0534	0.0000433	0.0000614	0.000042	0.0682	0.000002	0.0000758	0.000237	0.00129	0
2037 Feb	0.0456	0.00001	1.07	1.66	0.0109	0.000457	3.9	0.000999	0.0534	0.0000433	0.0000614	0.000042	0.0682	0.00000201	0.0000758	0.000237	0.00129	0
2037 Mar	0.0456	0.00001	1.07	1.66	0.0109	0.000458	3.9	0.001	0.0535	0.0000433	0.0000615	0.0000421	0.0682	0.00000201	0.0000759	0.000237	0.00129	0
2037 Apr	0.0458	0.0000101	1.07	1.66	0.0109	0.000459	3.92	0.001	0.0536	0.0000435	0.0000617	0.0000422	0.0685	0.00000201	0.0000762	0.000238	0.0013	0
2037 May	0.0797	0.0000101	1.58	3.1	0.0589	0.000334	5.67	0.00139	0.0556	0.000485	0.000143	0.0000847	0.122	0.00000201	0.0000758	0.000752	0.00156	0
2037 Jun	0.0763	0.0000097	1.45	2.82	0.0606	0.000151	4.89	0.00136	0.0499	0.000512	0.00022	0.0000838	0.111	0.00000194	0.0000611	0.000867	0.00189	0

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0663	0.0000102	1.28	2.3	0.0442	0.00015	4.25	0.00126	0.05	0.000369	0.000211	0.000071	0.0914	0.00000205	0.0000593	0.000703	0.00193	0
2037 Aug	0.065	0.0000106	1.29	2.25	0.0404	0.000186	4.32	0.00127	0.0512	0.000334	0.000192	0.0000702	0.0902	0.00000213	0.0000612	0.000629	0.00188	0
2037 Sep	0.0622	0.0000108	1.29	2.2	0.0355	0.000257	4.39	0.00124	0.0524	0.000281	0.000164	0.0000671	0.0888	0.00000215	0.0000656	0.000552	0.00178	0
2037 Oct	0.0549	0.0000103	1.21	2.01	0.0238	0.000396	4.31	0.00112	0.0541	0.000164	0.0000993	0.0000546	0.0815	0.00000206	0.0000742	0.000392	0.00147	0
2037 Nov	0.0541	0.0000103	1.2	1.99	0.0222	0.000417	4.31	0.00111	0.0545	0.000148	0.0000905	0.000053	0.0808	0.00000206	0.0000757	0.00037	0.00143	0
2037 Dec	0.0541	0.0000103	1.2	1.99	0.0222	0.000417	4.31	0.00111	0.0545	0.000148	0.0000905	0.000053	0.0809	0.00000206	0.0000758	0.00037	0.00143	0
2038 Jan	0.0541	0.0000103	1.2	1.99	0.0222	0.000417	4.31	0.00111	0.0545	0.000148	0.0000905	0.000053	0.0809	0.00000206	0.0000758	0.00037	0.00143	0
2038 Feb	0.0541	0.0000103	1.2	1.99	0.0222	0.000417	4.32	0.00111	0.0545	0.000148	0.0000905	0.000053	0.0809	0.00000206	0.0000758	0.00037	0.00143	0
2038 Mar	0.0541	0.0000103	1.2	1.99	0.0222	0.000417	4.32	0.00111	0.0546	0.000148	0.0000906	0.000053	0.0809	0.00000206	0.0000758	0.000371	0.00143	0
2038 Apr	0.0543	0.0000103	1.2	2	0.0223	0.000419	4.33	0.00112	0.0547	0.000149	0.0000908	0.0000532	0.0812	0.00000207	0.000076	0.000372	0.00143	0
2038 May	0.0674	0.0000104	1.4	2.55	0.0404	0.000379	5.03	0.00127	0.0559	0.000314	0.00012	0.0000694	0.102	0.00000208	0.0000767	0.000565	0.00153	0
2038 Jun	0.0799	0.00000992	1.51	2.97	0.0642	0.000162	5.15	0.00141	0.0514	0.000544	0.000222	0.0000879	0.117	0.00000198	0.0000635	0.000903	0.00191	0
2038 Jul	0.0745	0.0000107	1.43	2.66	0.0541	0.000159	4.77	0.00139	0.0532	0.000452	0.000235	0.0000809	0.105	0.00000213	0.0000641	0.000834	0.00207	0
2038 Aug	0.07	0.0000111	1.43	2.53	0.0469	0.000225	4.79	0.00137	0.0536	0.000381	0.0002	0.0000785	0.102	0.00000221	0.0000663	0.000706	0.00196	0
2038 Sep	0.0617	0.0000107	1.33	2.28	0.0347	0.000334	4.62	0.00125	0.0539	0.000262	0.000141	0.0000671	0.0925	0.00000215	0.0000714	0.00053	0.00169	0
2038 Oct	0.0551	0.0000104	1.24	2.07	0.0238	0.000438	4.46	0.00114	0.0552	0.000157	0.0000887	0.0000552	0.0843	0.00000207	0.0000777	0.000385	0.00143	0
2038 Nov	0.055	0.0000104	1.24	2.07	0.0233	0.000445	4.47	0.00113	0.0554	0.000152	0.0000864	0.0000548	0.0841	0.00000208	0.0000782	0.000379	0.00142	0
2038 Dec	0.055	0.0000104	1.24	2.07	0.0233	0.000445	4.47	0.00113	0.0554	0.000152	0.0000864	0.0000548	0.0842	0.00000208	0.0000783	0.000379	0.00142	0
2039 Jan	0.055	0.0000104	1.24	2.07	0.0233	0.000445	4.47	0.00113	0.0554	0.000152	0.0000864	0.0000548	0.0842	0.00000208	0.0000783	0.000379	0.00142	0
2039 Feb	0.055	0.0000104	1.24	2.07	0.0233	0.000445	4.47	0.00113	0.0554	0.000152	0.0000864	0.0000548	0.0842	0.00000208	0.0000783	0.000379	0.00142	0
2039 Mar	0.055	0.0000104	1.24	2.07	0.0233	0.000445	4.47	0.00114	0.0555	0.000152	0.0000865	0.0000548	0.0842	0.00000208	0.0000783	0.000379	0.00142	0
2039 Apr	0.0552	0.0000104	1.24	2.08	0.0234	0.000447	4.49	0.00114	0.0556	0.000153	0.0000867	0.000055	0.0845	0.00000208	0.0000786	0.000381	0.00143	0
2039 May	0.0567	0.0000106	1.27	2.14	0.0247	0.000451	4.59	0.00116	0.0565	0.000164	0.0000897	0.0000567	0.0869	0.00000212	0.0000798	0.000397	0.00145	0
2039 Jun	0.0437	0.00000987	0.929	1.33	0.0173	0.000155	2.83	0.00101	0.0459	0.000119	0.000202	0.0000451	0.0548	0.00000197	0.0000539	0.00048	0.00195	0
2039 Jul	0.0433	0.00000987	0.882	1.23	0.0129	0.000142	2.82	0.000959	0.0445	0.000103	0.000156	0.0000425	0.0507	0.00000197	0.0000495	0.000324	0.00168	0
2039 Aug	0.0463	0.0000103	0.959	1.37	0.0114	0.000216	3.34	0.000981	0.0462	0.0000974	0.0000897	0.0000456	0.0568	0.00000206	0.0000529	0.000168	0.00138	0
2039 Sep	0.0466	0.0000104	1.01	1.48	0.0112	0.000297	3.6	0.001	0.0488	0.0000812	0.0000755	0.000046	0.0615	0.00000209	0.0000602	0.000171	0.00134	0
2039 Oct	0.0466	0.0000103	1.04	1.56	0.0107	0.000371	3.78	0.001	0.0509	0.0000647	0.0000608	0.0000443	0.0647	0.00000206	0.000067	0.000177	0.00128	0
2039 Nov	0.0467	0.0000103	1.05	1.57	0.0107	0.000374	3.79	0.001	0.0511	0.0000645	0.0000606	0.0000444	0.065	0.00000207	0.0000674	0.000178	0.00128	0
2039 Dec	0.0468	0.0000103	1.05	1.57	0.0107	0.000374	3.8	0.001	0.0512	0.0000645	0.0000606	0.0000444	0.065	0.00000207	0.0000675	0.000178	0.00128	0
2040 Jan	0.0468	0.0000103	1.05	1.57	0.0107	0.000374	3.8	0.001	0.0512	0.0000645	0.0000606	0.0000444	0.065	0.00000207	0.0000675	0.000178	0.00128	0
2040 Feb	0.0468	0.0000103	1.05	1.57	0.0107	0.000374	3.8	0.001	0.0512	0.0000645	0.0000606	0.0000444	0.065	0.00000207	0.0000675	0.000178	0.00128	0
2040 Mar	0.0468	0.0000103	1.05	1.57	0.0107	0.000374	3.8	0.001	0.0512	0.0000646	0.0000607	0.0000445	0.0651	0.00000207	0.0000675	0.000178	0.00128	0
2040 Apr	0.047	0.0000104	1.05	1.58	0.0108	0.000375	3.81	0.00101	0.0514	0.0000648	0.0000609	0.0000446	0.0653	0.00000208	0.0000678	0.000179	0.00128	0
2040 May	0.0572	0.0000105	1.21	2.02	0.0247	0.000356	4.38	0.00113	0.0529	0.00019	0.0000852	0.0000571	0.0821	0.00000209	0.0000697	0.000337	0.00138	0
2040 Jun	0.0647	0.00000975	1.26	2.27	0.0455	0.000136	4.11	0.00123	0.048	0.000377	0.00022	0.0000702	0.0903	0.00000195	0.0000573	0.00074	0.00194	0
2040 Jul	0.0564	0.0000102	1.12	1.84	0.0323	0.000131	3.56	0.00116	0.0483	0.000261	0.000219	0.0000598	0.0742	0.00000204	0.0000558	0.00062	0.00201	0
2040 Aug	0.0546	0.0000105	1.12	1.79	0.0275	0.00018	3.67	0.00115	0.0488	0.000219	0.00018	0.0000584	0.0728	0.0000021	0.0000573	0.000497	0.00185	0
2040 Sep	0.0499	0.0000104	1.13	1.74	0.0217	0.000289	3.82	0.0011	0.0487	0.000153	0.000128	0.0000558	0.0723	0.00000208	0.0000619	0.000372	0.00161	0
2040 Oct	0.0496	0.0000104	1.13	1.77	0.0195	0.000346	3.94	0.00109	0.0506	0.000128	0.000108	0.0000531	0.0731	0.00000208	0.0000671	0.000341	0.00152	0
2040 Nov	0.0498	0.0000104	1.14	1.77	0.0194	0.000351	3.96	0.00109	0.0509	0.000127	0.000107	0.0000531	0.0734	0.00000208	0.0000676	0.00034	0.00152	0
2040 Dec	0.0498	0.0000104	1.14	1.78	0.0194	0.000351	3.96	0.00109	0.0509	0.000127	0.000107	0.0000531	0.0735	0.00000208	0.0000677	0.00034	0.00152	0
2041 Jan	0.0498	0.0000104	1.14	1.78	0.0194	0.000351	3.96	0.00109	0.0509	0.000127	0.000107	0.0000531	0.0735	0.00000208	0.0000677	0.00034	0.00152	0
2041 Feb	0.0498	0.0000104	1.14	1.78	0.0194	0.000351	3.96	0.00109	0.051	0.000127	0.000107	0.0000531	0.0735	0.00000208	0.0000677	0.00034	0.00152	0
2041 Mar	0.0498	0.0000104	1.14	1.78	0.0194	0.000352	3.96	0.0011	0.051	0.000127	0.000107	0.0000532	0.0735	0.00000209	0.0000677	0.00034	0.00153	0
2041 Apr	0.05	0.0000105	1.14	1.78	0.0195	0.000353	3.97	0.0011	0.0511	0.000127	0.000107	0.0000533	0.0737	0.00000209	0.0000679	0.000341	0.00153	0
2041 May	0.0535	0.0000106	1.2	1.93	0.0238	0.00035	4.18	0.00114	0.052	0.000166	0.000114	0.0000573	0.0793	0.00000211	0.000069	0.000387	0.00156	0
2041 Jun	0.0443	0.0000099	0.941	1.36	0.0181	0.00015	2.88	0.00102	0.0457	0.000128	0.000201	0.0000464	0.0559	0.00000198	0.0000532	0.000479	0.00194	0
2041 Jul	0.0423	0.00000984	0.872	1.2	0.0137	0.000124	2.68	0.000967	0.0443	0.000102	0.000184	0.0000424	0.0495	0.00000197	0.0000493	0.00039	0.00183	0
2041 Aug	0.044	0.0000103	0.947	1.31	0.0135	0.000182	3.04	0.00101	0.0463	0.0000964	0.000157	0.000046	0.0548	0.00000207	0.0000533	0.000334	0.00175	0
2041 Sep	0.0434	0.0000104	1	1.41	0.0126	0.000272	3.36	0.00102	0.0474	0.000076	0.000122	0.0000473	0.0596	0.00000208	0.0000589	0.000279	0.0016	0
2041 Oct	0.0444	0.0000102	1.04	1.53	0.0116	0.000366	3.64	0.00101	0.0504	0.0000586	0.0000911	0.000045	0.064	0.00000205	0.0000673	0.000254	0.00145	0
2041 Nov	0.0447	0.0000103	1.05	1.55	0.0116	0.000376	3.68	0.00102	0.0509	0.0000573	0.0000886	0.000045	0.0647	0.00000206	0.0000683	0.000253	0.00144	0
2041 Dec	0.0447	0.0000103	1.05	1.55	0.0116	0.000376	3.68	0.00102	0.0509	0.0000573	0.0000887	0.000045	0.0647	0.00000206	0.0000684	0.000253	0.00144	0
2042 Jan	0.0447	0.0000103	1.05	1.55	0.0116	0.000376	3.68	0.00102	0.0509	0.0000573	0.0000887	0.000045	0.0647	0.00000206	0.0000684	0.000253	0.00144	0
2042 Feb	0.0447	0.0000103	1.05	1.55	0.0116	0.000376	3.68	0.00102	0.0509	0.0000573	0.0000887	0.000045	0.0647	0.00000206	0.0000684	0.000253	0.00144	0
2042 Mar	0.0448	0.0000103	1.05	1.55	0.0116	0.000376	3.69	0.00102	0.0509	0.0000573	0.0000887	0.000045	0.0648	0.00000206	0.0000684	0.000253	0.00144	0
2042 Apr	0.045	0.0000104	1.06	1.56	0.0117	0.000379	3.71	0.00103	0.0512	0.0000577	0.0000893	0.0000453	0.0652	0.00000207	0.0000688	0.000255	0.00145	0
2042 May	0.053	0.0000105	1.18	1.9	0.0217	0.000368	4.16	0.00112	0.0529	0.000148	0.000105	0.0000546	0.0778	0.00000211	0.0000709	0.000363	0.00152	0
2042 Jun	0.0468	0.00000996	0.986	1.48	0.0206	0.000168	3.08	0.00105	0.0467	0.000149	0.000196	0.0000488	0.0604	0.00000199	0.0000553	0.000493	0.00191	0
2042 Jul	0.0438	0.00000999	0.896	1.25	0.0137	0.000141	2.84	0.000978	0.0451	0.000107	0.000167	0.0000434	0.0516	0.000002	0.0000504	0.000353	0.00175	0
2042 Aug	0.0399	0.00000995	0.998	1.39	0.011	0.000312	3.45	0.000977	0.0435	0.0000592	0.0000748	0.0000485	0.06	0.00000199	0.0000558	0.000166	0.00132	0
2042 Sep	0.0393	0.00000995	1.06	1.51	0.0102	0.00042	3.78	0.000987	0.0455	0.0000341	0.0000428	0.000049	0.0655	0.00000199	0.0000636	0.000132	0.00119	0
2042 Oct	0.0418	0.00000989	1.08	1.61	0.00986	0.000476	3.95	0.000984	0.0496	0.0000283	0.0000034	0.0000453	0.0683	0.00000198	0.0000717	0.000155	0.00115	0
2042 Nov	0.0421	0.00000993	1.08	1.62	0.00989	0.00048	3.97	0.000988	0.0499	0.0000282	0.0000034	0.0000454	0.0686	0.00000199	0.0000722	0.000156	0.00116	0
2042 Dec	0.0421	0.00000993	1.08	1.62	0.0099	0.00048	3.97	0.000989	0.0499	0.0000283	0.0000034	0.0000454	0.0687	0.00000199	0.0000723	0.000156	0.00116	0
2043 Jan	0.0421	0.00000994	1.08	1.62	0.0099	0.00048	3.97	0.000989	0.0499	0.0000283	0.0000034	0.0000454	0.0687	0.00000199	0.0000723	0.000156	0.00116	0
2043 Feb	0.0421	0.00000994	1.08	1.63	0.0099	0.00048	3.97	0.000989	0.0499	0.0000283	0.0000034	0.0000454	0.0687	0.00000199	0.0000723	0.000156	0.00116	0
2043 Mar	0.0421	0.00000994	1.08	1.63	0.0099	0.00048	3.97	0.000989	0.0499	0.0000283	0.0000034	0.0000455	0.0687	0.00000199	0.0000723	0.000156	0.00116	0
2043 Apr	0.0423	0.00001	1.09	1.63	0.00996	0.000483	3.99	0.000995	0.0502	0.0000284	0.0000342	0.0000457	0.0691	0.000002	0.0000727	0.000157	0.00116	0
2043 May	0.0518	0.0000102	1.23	2.02	0.0219	0.000459	4.49	0.00111	0.0521	0.000138	0.0000579	0.0000565	0.0835	0.00000204	0.0000745	0.000295	0.00126	0
2043 Jun	0.0663	0.00000985	1.29	2.35	0.0471	0.000147	4.25	0.00126	0.0488	0.00039	0.000219	0.0000722	0.0934	0.00000197	0.0000587	0.000752	0.00194	0
2043 Jul	0.0587	0.0000104	1.16	1.93	0.0334	0.000148	3.76	0.00119	0.0496	0.000272	0.000209	0.0000619	0.0776	0.00000209	0.0000576	0.000606	0.00197	0
2043 Aug	0.0558	0.0000108	1.19	1.89	0.0286	0.000221	3.93	0.00119	0.05	0.000222	0.000171	0.0000619	0.0776	0.00000216	0.0000605	0.000493	0.00184	0
2043 Sep	0.0509	0.0000106	1.17	1.82	0.0229	0.000309	3.99	0.00114	0.0494	0.000159	0.000125	0.0000587	0.0757	0.00000213	0.0000636	0.000375	0.00162	0
2043 Oct	0.0493	0.0000104	1.15	1.82	0.0177	0.000413	4.11	0.00108	0.0524	0.000105	0.0000847	0.0000514	0.0751	0.00000207	0.0000724	0.000306	0.00142	0
2043 Nov	0.0483	0.0000102	1.14	1.81	0.0144	0.000479	4.18	0.00105	0.0543	0.0000708	0.0000589	0.0000468	0.0746	0.00000204	0.000078	0.000262	0.00129	0

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0483	0.0000102	1.14	1.81	0.0144	0.000479	4.18	0.00105	0.0543	0.0000708	0.0000589	0.0000468	0.0746	0.00000204	0.000078	0.000262	0.00129	0
2044 Jan	0.0483	0.0000102	1.14	1.82	0.0145	0.00048	4.24	0.00105	0.0543	0.0000709	0.0000592	0.0000469	0.0747	0.00000204	0.0000782	0.000263	0.00129	4.75E-08
2044 Feb	0.0483	0.0000102	1.14	1.82	0.0145	0.00048	4.29	0.00106	0.0543	0.0000071	0.0000594	0.000047	0.0749	0.00000205	0.0000783	0.000263	0.00129	8.63E-08
2044 Mar	0.0483	0.0000102	1.15	1.83	0.0145	0.000481	4.29	0.00106	0.0543	0.0000711	0.0000595	0.0000471	0.0749	0.00000205	0.0000784	0.000263	0.0013	8.64E-08
2044 Apr	0.0485	0.0000102	1.15	1.83	0.0146	0.000482	4.3	0.00106	0.0544	0.0000713	0.0000596	0.0000472	0.0751	0.00000206	0.0000786	0.000264	0.0013	8.66E-08
2044 May	0.0504	0.0000104	1.18	1.91	0.0163	0.000487	4.43	0.00109	0.0555	0.0000859	0.0000633	0.0000493	0.0781	0.00000209	0.00008	0.000284	0.00133	8.69E-08
2044 Jun	0.0361	0.00000802	1.51	4.18	0.0297	0.000537	28.9	0.00336	0.0308	0.000139	0.000245	0.000101	0.108	0.00000362	0.000129	0.000454	0.00162	0.0000208
2044 Jul	0.038	0.00000894	1.44	3.73	0.0261	0.000473	25.1	0.00306	0.0351	0.000122	0.000252	0.0000933	0.099	0.00000351	0.000119	0.000456	0.0018	0.0000178
2044 Aug	0.0406	0.00000968	1.48	3.65	0.0255	0.000491	23.7	0.00296	0.0386	0.000119	0.000237	0.0000933	0.101	0.00000353	0.000119	0.000432	0.00182	0.0000164
2044 Sep	0.0403	0.00000976	1.26	2.48	0.0162	0.000501	12.4	0.00182	0.0443	0.0000597	0.000112	0.0000664	0.0826	0.00000262	0.0000917	0.000255	0.0014	0.00000693
2044 Oct	0.0427	0.00000979	1.2	2.21	0.0135	0.00053	9.13	0.00149	0.0492	0.0000434	0.0000751	0.0000557	0.0789	0.00000236	0.0000893	0.000231	0.00127	0.00000418
2044 Nov	0.0432	0.00000983	1.19	2.17	0.0131	0.000536	8.61	0.00144	0.0502	0.0000408	0.0000691	0.000054	0.0785	0.00000233	0.0000892	0.000227	0.00126	0.00000372
2044 Dec	0.0432	0.00000983	1.19	2.17	0.0131	0.000537	8.61	0.00144	0.0502	0.0000408	0.0000691	0.000054	0.0785	0.00000233	0.0000892	0.000227	0.00126	0.00000372
2045 Jan	0.0432	0.00000983	1.19	2.17	0.0131	0.000537	8.61	0.00144	0.0502	0.0000408	0.0000691	0.000054	0.0785	0.00000233	0.0000892	0.000227	0.00126	0.00000372
2045 Feb	0.0432	0.00000983	1.19	2.17	0.0131	0.000537	8.61	0.00144	0.0502	0.0000408	0.0000691	0.000054	0.0785	0.00000233	0.0000892	0.000227	0.00126	0.00000372
2045 Mar	0.0433	0.00000984	1.19	2.17	0.0131	0.000537	8.62	0.00144	0.0503	0.0000408	0.0000692	0.0000541	0.0786	0.00000233	0.0000893	0.000228	0.00126	0.00000372
2045 Apr	0.0434	0.00000987	1.2	2.18	0.0131	0.000538	8.64	0.00144	0.0504	0.0000409	0.0000693	0.0000542	0.0788	0.00000234	0.0000895	0.000228	0.00126	0.00000373
2045 May	0.0441	0.00001	1.22	2.21	0.0133	0.000548	8.79	0.00147	0.0513	0.0000416	0.0000705	0.0000551	0.0802	0.00000238	0.0000911	0.000232	0.00128	0.00000379
2045 Jun	0.0368	0.00000869	1.4	3.75	0.0244	0.000525	23.7	0.00296	0.0356	0.000103	0.000217	0.0000897	0.0973	0.00000324	0.00012	0.000407	0.00161	0.0000157
2045 Jul	0.039	0.00000917	1.37	3.6	0.0249	0.000445	22.5	0.0029	0.0365	0.000122	0.000243	0.0000891	0.0935	0.00000325	0.000114	0.000442	0.00178	0.0000148
2045 Aug	0.0405	0.00000971	1.36	3.3	0.0228	0.000451	19.5	0.00262	0.0393	0.00011	0.000209	0.0000848	0.0912	0.00000312	0.000107	0.000383	0.00172	0.0000123
2045 Sep	0.0407	0.00000984	1.28	2.75	0.0184	0.000475	14.3	0.00208	0.0429	0.0000785	0.000145	0.0000724	0.0845	0.00000275	0.0000958	0.000298	0.00151	0.00000817
2045 Oct	0.0417	0.00000994	1.28	2.68	0.0176	0.00049	13.4	0.00198	0.0447	0.000073	0.000134	0.0000697	0.0842	0.0000027	0.0000957	0.00029	0.00149	0.0000074
2045 Nov	0.0418	0.00000996	1.28	2.69	0.0177	0.000491	13.5	0.00199	0.0448	0.0000732	0.000134	0.0000699	0.0844	0.00000271	0.000096	0.000291	0.00149	0.00000742
2045 Dec	0.0418	0.00000997	1.28	2.69	0.0177	0.000491	13.5	0.00199	0.0449	0.0000733	0.000134	0.0000699	0.0845	0.00000271	0.000096	0.000291	0.00149	0.00000743
2046 Jan	0.0418	0.00000997	1.28	2.69	0.0177	0.000491	13.5	0.00199	0.0449	0.0000733	0.000134	0.0000699	0.0845	0.00000271	0.000096	0.000291	0.00149	0.00000743
2046 Feb	0.0419	0.00000997	1.28	2.69	0.0177	0.000492	13.5	0.00199	0.0449	0.0000733	0.000134	0.0000699	0.0845	0.00000271	0.000096	0.000291	0.00149	0.00000743
2046 Mar	0.0419	0.00000999	1.28	2.69	0.0177	0.000492	13.5	0.00199	0.0449	0.0000734	0.000134	0.00007	0.0846	0.00000271	0.0000962	0.000291	0.00149	0.00000744
2046 Apr	0.0421	0.00001	1.29	2.71	0.0178	0.000495	13.6	0.00201	0.0452	0.0000738	0.000135	0.0000704	0.0851	0.00000273	0.0000967	0.000293	0.0015	0.00000748
2046 May	0.0455	0.0000102	1.34	2.83	0.0214	0.000493	13.6	0.00203	0.0464	0.000106	0.000141	0.0000738	0.0899	0.00000275	0.0000977	0.000333	0.00154	0.00000735
2046 Jun	0.04	0.00000882	1.44	3.98	0.0292	0.000506	23.8	0.00308	0.0354	0.000147	0.000234	0.0000957	0.102	0.00000321	0.000121	0.000461	0.00167	0.0000153
2046 Jul	0.0397	0.00000915	1.32	3.46	0.0234	0.00043	20.4	0.00273	0.0367	0.000121	0.000215	0.0000851	0.0895	0.00000305	0.000108	0.000384	0.00165	0.000013
2046 Aug	0.0413	0.00000972	1.3	3.1	0.021	0.00043	17.1	0.00241	0.0398	0.000108	0.000179	0.0000797	0.0864	0.00000291	0.0000997	0.000323	0.00158	0.0000103
2046 Sep	0.0408	0.00000975	1.19	2.34	0.0149	0.000477	10.3	0.00166	0.0447	0.0000594	0.0000946	0.0000621	0.0778	0.00000241	0.0000861	0.000222	0.00132	0.00000492
2046 Oct	0.0417	0.00000946	1.24	2.68	0.0156	0.00056	12.4	0.00186	0.0464	0.0000537	0.0000904	0.0000635	0.0839	0.00000248	0.0000991	0.000241	0.00124	0.0000063
2046 Nov	0.0416	0.0000094	1.27	2.84	0.0164	0.000578	13.6	0.00198	0.046	0.0000558	0.000096	0.0000661	0.0864	0.00000254	0.000103	0.000249	0.00124	0.00000715
2046 Dec	0.0416	0.0000094	1.27	2.86	0.0165	0.00058	13.7	0.002	0.046	0.0000563	0.000097	0.0000665	0.0867	0.00000256	0.000104	0.000251	0.00125	0.00000727
2047 Jan	0.0415	0.0000094	1.27	2.87	0.0165	0.00058	13.8	0.00201	0.0459	0.0000565	0.0000976	0.0000667	0.0868	0.00000256	0.000104	0.000251	0.00125	0.00000734
2047 Feb	0.0415	0.00000939	1.28	2.87	0.0166	0.000581	13.8	0.00201	0.0459	0.0000566	0.0000978	0.0000668	0.0869	0.00000256	0.000104	0.000251	0.00125	0.00000736
2047 Mar	0.0416	0.00000942	1.28	2.88	0.0166	0.000582	13.9	0.00202	0.046	0.0000568	0.0000981	0.000067	0.0871	0.00000257	0.000104	0.000252	0.00125	0.00000738
2047 Apr	0.0417	0.00000944	1.28	2.89	0.0167	0.000584	13.9	0.00202	0.0461	0.0000569	0.0000984	0.0000672	0.0874	0.00000258	0.000105	0.000253	0.00125	0.00000741
2047 May	0.0466	0.00000939	1.42	3.46	0.0261	0.000586	16.8	0.00237	0.0449	0.000134	0.00013	0.0000808	0.101	0.00000274	0.000113	0.000356	0.00134	0.00000935
2047 Jun	0.0438	0.000009	1.43	3.99	0.0334	0.000443	21.8	0.00301	0.0365	0.000193	0.000258	0.0000964	0.101	0.00000303	0.000116	0.000547	0.0018	0.0000138
2047 Jul	0.0457	0.00000991	1.3	3.18	0.0279	0.000349	15.9	0.00243	0.0418	0.000168	0.00025	0.0000819	0.0876	0.00000282	0.000098	0.000528	0.00195	0.00000948
2047 Aug	0.0467	0.0000104	1.33	3.05	0.0263	0.000374	14.7	0.00231	0.044	0.000155	0.000226	0.0000809	0.0881	0.00000283	0.0000964	0.000479	0.00191	0.00000838
2047 Sep	0.0443	0.0000102	1.23	2.45	0.0191	0.000437	10.1	0.00174	0.0466	0.0000955	0.000137	0.0000659	0.0805	0.00000246	0.0000869	0.000332	0.00156	0.00000478
2047 Oct	0.0449	0.00000998	1.17	2.15	0.0147	0.000494	7.53	0.0014	0.0507	0.0000617	0.0000856	0.0000541	0.077	0.00000224	0.0000859	0.00027	0.00135	0.00000268
2047 Nov	0.0452	0.00000997	1.17	2.1	0.014	0.000506	7.06	0.00135	0.0516	0.0000555	0.0000761	0.000052	0.0765	0.0000022	0.0000859	0.000259	0.00131	0.0000023
2047 Dec	0.0452	0.00000998	1.17	2.1	0.014	0.000506	7.07	0.00135	0.0516	0.0000556	0.0000762	0.000052	0.0765	0.0000022	0.000086	0.000259	0.00131	0.0000023
2048 Jan	0.0452	0.00000998	1.17	2.1	0.014	0.000506	7.07	0.00135	0.0516	0.0000556	0.0000762	0.000052	0.0765	0.0000022	0.000086	0.00026	0.00131	0.0000023
2048 Feb	0.0452	0.00000998	1.17	2.11	0.014	0.000506	7.07	0.00135	0.0516	0.0000556	0.0000762	0.000052	0.0766	0.0000022	0.000086	0.00026	0.00131	0.0000023
2048 Mar	0.0452	0.00000998	1.17	2.11	0.014	0.000506	7.07	0.00135	0.0516	0.0000556	0.0000762	0.000052	0.0766	0.0000022	0.000086	0.00026	0.00131	0.0000023
2048 Apr	0.0457	0.00001	1.18	2.13	0.0145	0.000508	7.11	0.00136	0.0519	0.0000578	0.0000769	0.0000524	0.0774	0.00000221	0.0000865	0.000265	0.00132	0.00000231
2048 May	0.0468	0.0000102	1.2	2.17	0.0149	0.000518	7.26	0.00138	0.0529	0.0000598	0.0000785	0.0000535	0.0791	0.00000225	0.0000882	0.000272	0.00134	0.00000235
2048 Jun	0.0408	0.00000924	1.33	3.59	0.0249	0.000485	18.8	0.00271	0.0394	0.00012	0.000213	0.0000848	0.0919	0.00000284	0.000112	0.000435	0.00166	0.0000122
2048 Jul	0.0426	0.00000972	1.23	3.07	0.0228	0.00036	15.4	0.00238	0.0404	0.00013	0.00022	0.0000776	0.0816	0.00000273	0.0000964	0.000422	0.00177	0.00001
2048 Aug	0.0416	0.00001	1.17	2.4	0.0173	0.000379	10.4	0.00179	0.0424	0.0000916	0.000139	0.0000669	0.0751	0.00000245	0.000081	0.000273	0.00151	0.00000566
2048 Sep	0.0411	0.00001	1.15	2.07	0.0139	0.000438	7.62	0.00144	0.0453	0.0000583	0.000086	0.0000585	0.0731	0.00000225	0.0000772	0.000206	0.00133	0.00000315
2048 Oct	0.0423	0.0000098	1.18	2.32	0.0144	0.000507	8.94	0.00157	0.0474	0.0000541	0.0000809	0.0000586	0.0777	0.00000228	0.0000878	0.000225	0.00127	0.00000411
2048 Nov	0.0429	0.00000978	1.2	2.41	0.0146	0.00053	9.38	0.00162	0.0482	0.0000531	0.0000798	0.0000589	0.0795	0.0000023	0.0000914	0.000232	0.00126	0.00000442
2048 Dec	0.0429	0.00000978	1.2	2.43	0.0147	0.000531	9.5	0.00163	0.0482	0.0000536	0.0000808	0.0000592	0.0797	0.0000023	0.0000918	0.000233	0.00126	0.00000452
2049 Jan	0.0429	0.00000978	1.2	2.44	0.0147	0.000532	9.57	0.00164	0.0481	0.0000539	0.0000813	0.0000594	0.0799	0.00000231	0.000092	0.000234	0.00126	0.00000458
2049 Feb	0.0428	0.00000978	1.2	2.45	0.0148	0.000532	9.61	0.00165	0.0481	0.000054	0.0000815	0.0000595	0.08	0.00000231	0.0000921	0.000234	0.00126	0.00000461
2049 Mar	0.0429	0.00000979	1.2	2.45	0.0148	0.000533	9.63	0.00165	0.0481	0.0000541	0.0000817	0.0000596	0.08	0.00000231	0.0000923	0.000234	0.00126	0.00000463
2049 Apr	0.0431	0.00000983	1.21	2.46	0.0149	0.000535	9.68	0.00166	0.0483	0.0000544	0.0000821	0.0000599	0.0804	0.00000232	0.0000927	0.000235	0.00127	0.00000465
2049 May	0.0457	0.00001	1.25	2.56	0.0175	0.000537	9.81	0.00169	0.0495	0.0000775	0.0000873	0.0000627	0.0844	0.00000236	0.000094	0.000266	0.0013	0.00000462
2049 Jun	0.0407	0.000009	1.39	4.09	0.0292	0.000492	21.3	0.00309	0.0363	0.00015	0.00024	0.0000949	0.0977	0.0000029	0.00012	0.000479	0.0017	0.0000161
2049 Jul	0.042	0.00000954	1.26	3.35	0.0241	0.000389	16.7	0.00258	0.039	0.000134	0.000224	0.0000821	0.0849	0.00000274	0.000102	0.000428	0.00174	0.0000127
2049 Aug	0.0445	0.0000102	1.3	3.26	0.0233	0.000405	15.7	0.00249	0.0423	0.00013	0.000209	0.0000819	0.0865	0.00000279	0.000101	0.000399	0.00176	0.0000114
2049 Sep	0.0438	0.0000101	1.22	2.57	0.0172	0.000464	10.6	0.00182	0.0466	0.0000803	0.000125	0.0000652	0.0799	0.00000243	0.000091	0.00029	0.00146	0.00000636
2049 Oct	0.0447	0.00000996	1.17	2.23	0.0138	0.000509	7.84	0.00146	0.0508	0.0000539	0.00008	0.0000541	0.0769	0.00000223	0.0000885	0.000249	0.0013	0.00000364
2049 Nov	0.0449	0.00000996	1.17	2.22	0.0136	0.000518	7.68	0.00144	0.0513	0.0000514	0.0000756	0.0000533	0.077	0.00000222	0.0000889	0.000246	0.00128	0.00000345
2049 Dec	0.0449	0.00000996	1.18	2.26	0.0138	0.00052	7.94	0.00147	0.0511	0.0000525	0.0000777	0.0000541	0.0775	0.00000223	0.0000898	0.000248	0.00129	0.0000037
2050 Jan	0.0449	0.00000995	1.18	2.27	0.0139	0.000521	8.03	0.00148	0.0511	0.0000529	0.0000784	0.0000543	0.0777	0.00000224	0.0000901	0.000249	0.00129	0.00000378
2050 Feb	0.0449	0.00000995	1.18	2.28	0.0139	0.000522	8.08	0.00149	0.051	0.0000531	0.0000788	0.0000545	0.0778	0.00000224	0.0000902	0.000249	0.00129	0.00000383
2050 Mar	0.0449	0.00000995	1.18	2.29	0.014	0.000522	8.11	0.00149	0.051	0.0000532	0.000079	0.0000546	0.0779	0.00000224	0.0000903	0.00025	0.00129	0.00000386
2050 Apr	0.045	0.00000998	1.18	2.29	0.014	0.000524	8.14	0.0015	0.0512	0.0000534	0.0000794	0.0000548	0.0782	0.00000225	0.0000906	0.000251	0.0013	0.00000388

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.0467	0.0000101	1.22	2.36	0.0156	0.000527	8.26	0.00153	0.0521	0.0000675	0.0000828	0.0000567	0.0809	0.00000228	0.0000918	0.00027	0.00132	0.00000388
2050 Jun	0.0465	0.00000927	1.38	3.84	0.0332	0.000436	17.6	0.00277	0.0394	0.0002	0.000235	0.0000914	0.098	0.00000268	0.00011	0.000537	0.00174	0.0000142
2050 Jul	0.0422	0.00000951	1.21	3.18	0.0225	0.000372	15	0.00242	0.0392	0.00013	0.000203	0.000078	0.0812	0.00000259	0.0000968	0.000382	0.00164	0.0000122
2050 Aug	0.0445	0.00001	1.19	2.81	0.0199	0.000355	12.4	0.00211	0.0422	0.000123	0.000169	0.0000721	0.0779	0.00000253	0.0000885	0.000316	0.00158	0.00000936
2050 Sep	0.0437	0.0000101	1.17	2.45	0.0166	0.000412	9.72	0.00176	0.0451	0.0000885	0.000121	0.000064	0.076	0.00000237	0.0000845	0.000259	0.00143	0.00000632
2050 Oct	0.0445	0.0000101	1.18	2.41	0.0161	0.000433	9.29	0.0017	0.0468	0.0000826	0.000112	0.0000622	0.0766	0.00000236	0.0000856	0.000255	0.00141	0.00000576
2050 Nov	0.0447	0.0000102	1.18	2.42	0.0161	0.000435	9.33	0.00171	0.047	0.0000829	0.000113	0.0000625	0.0769	0.00000236	0.0000859	0.000256	0.00142	0.00000578
2050 Dec	0.0447	0.0000102	1.18	2.42	0.0162	0.000435	9.33	0.00171	0.047	0.000083	0.000113	0.0000625	0.077	0.00000237	0.000086	0.000256	0.00142	0.00000579
2051 Jan	0.0447	0.0000102	1.18	2.42	0.0162	0.000435	9.33	0.00171	0.047	0.000083	0.000113	0.0000625	0.077	0.00000237	0.000086	0.000256	0.00142	0.00000579
2051 Feb	0.0447	0.0000102	1.18	2.42	0.0162	0.000435	9.33	0.00171	0.047	0.000083	0.000113	0.0000625	0.077	0.00000237	0.000086	0.000256	0.00142	0.00000579
2051 Mar	0.0447	0.0000102	1.19	2.43	0.0162	0.000436	9.34	0.00171	0.047	0.000083	0.000113	0.0000626	0.077	0.00000237	0.000086	0.000257	0.00142	0.00000579
2051 Apr	0.045	0.0000103	1.19	2.44	0.0162	0.000438	9.39	0.00172	0.0473	0.0000834	0.000113	0.0000629	0.0774	0.00000238	0.0000865	0.000258	0.00142	0.00000582
2051 May	0.0503	0.0000104	1.28	2.71	0.0232	0.000435	9.92	0.00182	0.0483	0.000145	0.000127	0.0000699	0.0866	0.00000241	0.000089	0.000337	0.00148	0.00000606
2051 Jun	0.0425	0.00000909	1.42	4.53	0.0332	0.000491	21.2	0.00337	0.0355	0.000181	0.000265	0.000102	0.102	0.0000028	0.000126	0.000536	0.00176	0.0000212
2051 Jul	0.0428	0.00000978	1.33	3.86	0.027	0.000429	17.7	0.00294	0.0393	0.000146	0.000252	0.0000907	0.0909	0.00000275	0.000113	0.000486	0.00184	0.000018
2051 Aug	0.0412	0.00001	1.2	2.69	0.0186	0.000415	10.8	0.00198	0.0418	0.0000935	0.000143	0.0000716	0.0784	0.0000024	0.0000868	0.000283	0.0015	0.0000091
2051 Sep	0.0413	0.00000977	1.25	2.94	0.0187	0.000505	11.8	0.00209	0.0433	0.0000807	0.000125	0.0000722	0.0836	0.00000239	0.000097	0.000277	0.00138	0.0000103
2051 Oct	0.0424	0.00000929	1.38	4.04	0.0239	0.000626	17.6	0.00286	0.0427	0.000101	0.000162	0.0000863	0.0982	0.00000259	0.000126	0.000364	0.00138	0.0000184
2051 Nov	0.0427	0.00000934	1.38	3.98	0.0235	0.000627	17.2	0.00281	0.0434	0.0000981	0.000158	0.000085	0.0977	0.00000258	0.000125	0.00036	0.00138	0.0000179
2051 Dec	0.0427	0.00000934	1.38	4	0.0236	0.000628	17.3	0.00282	0.0433	0.0000987	0.000159	0.0000853	0.0979	0.00000258	0.000126	0.000361	0.00138	0.000018
2052 Jan	0.0427	0.00000934	1.38	4.01	0.0237	0.000628	17.3	0.00283	0.0432	0.000099	0.000159	0.0000855	0.0981	0.00000259	0.000126	0.000362	0.00138	0.0000181
2052 Feb	0.0427	0.00000934	1.38	4.01	0.0237	0.000628	17.4	0.00283	0.0432	0.0000992	0.000159	0.0000856	0.0981	0.00000259	0.000126	0.000362	0.00138	0.0000181
2052 Mar	0.0428	0.00000935	1.39	4.02	0.0237	0.000629	17.4	0.00284	0.0433	0.0000993	0.00016	0.0000857	0.0982	0.00000259	0.000126	0.000363	0.00138	0.0000181
2052 Apr	0.0429	0.00000938	1.39	4.03	0.0238	0.000631	17.4	0.00285	0.0434	0.0000996	0.00016	0.0000859	0.0985	0.0000026	0.000126	0.000364	0.00139	0.0000182
2052 May	0.0617	0.0000096	1.59	4.24	0.046	0.000527	15.2	0.00263	0.0472	0.000318	0.000181	0.0000984	0.12	0.00000248	0.000115	0.000606	0.00151	0.000014
2052 Jun	0.0506	0.00000941	1.47	4.37	0.04	0.000442	18.1	0.00308	0.0393	0.000256	0.000261	0.000102	0.107	0.00000264	0.000117	0.000617	0.00181	0.0000202
2052 Jul	0.0462	0.00000984	1.2	3.03	0.0233	0.000346	12.1	0.00222	0.0417	0.000153	0.000181	0.0000752	0.0806	0.00000243	0.0000903	0.000363	0.00158	0.0000124
2052 Aug	0.0454	0.0000101	1.17	2.6	0.0194	0.000357	9.77	0.00188	0.0432	0.000123	0.000138	0.0000688	0.0766	0.00000235	0.000082	0.000274	0.00146	0.00000888
2052 Sep	0.044	0.0000101	1.16	2.34	0.0161	0.00043	8.06	0.00161	0.0459	0.0000842	0.0000965	0.0000616	0.0757	0.00000224	0.0000816	0.000229	0.00133	0.00000613
2052 Oct	0.0445	0.00000999	1.19	2.46	0.0159	0.000484	8.48	0.00165	0.0478	0.0000745	0.0000906	0.0000608	0.0784	0.00000224	0.0000882	0.00024	0.0013	0.00000658
2052 Nov	0.0447	0.00001	1.19	2.47	0.0159	0.000486	8.52	0.00166	0.048	0.0000747	0.0000909	0.0000611	0.0787	0.00000225	0.0000886	0.000241	0.00131	0.00000661
2052 Dec	0.0447	0.00001	1.19	2.47	0.0159	0.000486	8.53	0.00166	0.048	0.0000748	0.000091	0.0000611	0.0788	0.00000225	0.0000887	0.000241	0.00131	0.00000662
2053 Jan	0.0447	0.00001	1.19	2.47	0.0159	0.000486	8.53	0.00166	0.048	0.0000748	0.000091	0.0000611	0.0788	0.00000225	0.0000887	0.000241	0.00131	0.00000662
2053 Feb	0.0447	0.00001	1.19	2.47	0.0159	0.000486	8.53	0.00166	0.048	0.0000748	0.0000911	0.0000611	0.0788	0.00000225	0.0000887	0.000241	0.00131	0.00000662
2053 Mar	0.0448	0.0000101	1.2	2.48	0.016	0.000487	8.55	0.00167	0.0481	0.0000749	0.0000912	0.0000612	0.0789	0.00000225	0.0000889	0.000242	0.00131	0.00000663
2053 Apr	0.045	0.0000101	1.2	2.49	0.0161	0.00049	8.59	0.00167	0.0484	0.0000753	0.0000917	0.0000616	0.0794	0.00000226	0.0000893	0.000243	0.00132	0.00000667
2053 May	0.065	0.00000994	1.57	3.95	0.0482	0.000453	12.5	0.00236	0.0479	0.000354	0.000175	0.0000966	0.118	0.00000236	0.000102	0.000613	0.00154	0.0000108
2053 Jun	0.045	0.00000922	1.45	4.8	0.0361	0.000501	19.7	0.00348	0.0362	0.000207	0.000269	0.000106	0.105	0.00000264	0.000129	0.000565	0.00175	0.0000258
2053 Jul	0.0439	0.00000991	1.35	4.12	0.0292	0.000442	16.8	0.00309	0.0397	0.00016	0.000265	0.0000946	0.0934	0.00000265	0.000117	0.000524	0.00189	0.0000219
2053 Aug	0.0451	0.0000104	1.36	3.82	0.0269	0.000454	15.2	0.00284	0.0424	0.000145	0.000233	0.000091	0.0925	0.00000266	0.000112	0.000464	0.00183	0.0000188
2053 Sep	0.0461	0.0000108	1.39	3.76	0.0264	0.000473	14.7	0.00278	0.0442	0.000139	0.000223	0.0000908	0.0938	0.0000027	0.000112	0.000449	0.00184	0.0000178
2053 Oct	0.0466	0.0000108	1.38	3.65	0.0254	0.000485	14.1	0.00267	0.0455	0.000131	0.00021	0.0000877	0.0931	0.00000267	0.000111	0.000434	0.0018	0.0000166
2053 Nov	0.0466	0.0000107	1.36	3.52	0.0242	0.000492	13.4	0.00255	0.0464	0.000123	0.000196	0.0000843	0.0917	0.00000262	0.000109	0.000417	0.00175	0.0000154
2053 Dec	0.0466	0.0000107	1.36	3.52	0.0242	0.000492	13.4	0.00255	0.0464	0.000123	0.000196	0.0000843	0.0918	0.00000262	0.000109	0.000417	0.00175	0.0000154
2054 Jan	0.0466	0.0000107	1.36	3.52	0.0242	0.000492	13.4	0.00255	0.0464	0.000123	0.000196	0.0000843	0.0918	0.00000262	0.000109	0.000417	0.00175	0.0000155
2054 Feb	0.0466	0.0000107	1.36	3.52	0.0242	0.000492	13.4	0.00255	0.0464	0.000123	0.000196	0.0000844	0.0918	0.00000262	0.000109	0.000417	0.00175	0.0000155
2054 Mar	0.0466	0.0000107	1.37	3.52	0.0242	0.000492	13.4	0.00255	0.0464	0.000123	0.000196	0.0000844	0.0918	0.00000262	0.000109	0.000417	0.00175	0.0000155
2054 Apr	0.0468	0.0000108	1.37	3.54	0.0243	0.000494	13.5	0.00256	0.0466	0.000124	0.000197	0.0000847	0.0922	0.00000263	0.00011	0.000419	0.00176	0.0000155
2054 May	0.0589	0.0000108	1.51	3.77	0.039	0.000451	12.6	0.00247	0.049	0.000265	0.000205	0.0000935	0.108	0.00000256	0.000106	0.000572	0.00179	0.0000132
2054 Jun	0.0498	0.00000951	1.37	4.02	0.0373	0.00039	14.4	0.00282	0.04	0.000243	0.000257	0.0000943	0.0981	0.0000024	0.000107	0.000608	0.00183	0.0000181
2054 Jul	0.0442	0.00000986	1.19	3.17	0.0233	0.000346	11.6	0.00235	0.0411	0.000142	0.00021	0.0000767	0.0788	0.00000236	0.0000938	0.000416	0.00171	0.0000143
2054 Aug	0.042	0.00001	1.17	2.64	0.0186	0.00039	9.11	0.00191	0.042	0.000101	0.000141	0.0000695	0.0758	0.00000226	0.0000837	0.000285	0.00149	0.00000957
2054 Sep	0.041	0.00001	1.18	2.48	0.0165	0.000452	8.23	0.00174	0.0435	0.0000739	0.000104	0.0000664	0.0768	0.00000222	0.0000834	0.000232	0.00136	0.00000766
2054 Oct	0.0425	0.00000988	1.22	2.8	0.0173	0.000518	9.38	0.00191	0.0458	0.0000726	0.000105	0.0000671	0.0815	0.00000223	0.0000949	0.00026	0.00132	0.00000944
2054 Nov	0.043	0.00000981	1.26	3.16	0.0191	0.000551	10.9	0.00217	0.0455	0.0000807	0.000119	0.0000722	0.086	0.00000228	0.000104	0.000289	0.00133	0.0000121
2054 Dec	0.043	0.0000098	1.27	3.24	0.0196	0.000555	11.3	0.00223	0.0453	0.0000832	0.000123	0.0000736	0.0869	0.0000023	0.000105	0.000295	0.00134	0.0000127
2055 Jan	0.043	0.0000098	1.28	3.27	0.0198	0.000557	11.5	0.00225	0.0451	0.0000843	0.000125	0.0000743	0.0873	0.0000023	0.000106	0.000298	0.00135	0.000013
2055 Feb	0.043	0.0000098	1.28	3.29	0.0199	0.000557	11.5	0.00227	0.0451	0.0000848	0.000126	0.0000745	0.0875	0.0000023	0.000106	0.000299	0.00135	0.0000131
2055 Mar	0.043	0.0000098	1.28	3.3	0.0199	0.000558	11.6	0.00227	0.0451	0.000085	0.000126	0.0000747	0.0876	0.00000231	0.000106	0.0003	0.00135	0.0000132
2055 Apr	0.0431	0.00000984	1.28	3.31	0.02	0.00056	11.6	0.00228	0.0452	0.0000854	0.000126	0.000075	0.0879	0.00000231	0.000107	0.000301	0.00135	0.0000132
2055 May	0.0438	0.00001	1.3	3.36	0.0203	0.000569	11.8	0.00232	0.046	0.0000867	0.000128	0.0000762	0.0893	0.00000235	0.000109	0.000306	0.00138	0.0000134
2055 Jun	0.0419	0.00000949	1.34	4.33	0.0292	0.000477	16.3	0.0032	0.0378	0.000153	0.000255	0.0000959	0.0938	0.00000248	0.000121	0.000506	0.00176	0.0000253
2055 Jul	0.0444	0.00000999	1.28	3.73	0.0266	0.000397	13.6	0.00278	0.0407	0.000152	0.000244	0.0000869	0.0866	0.00000246	0.000107	0.000482	0.00183	0.000021
2055 Aug	0.0456	0.0000104	1.26	3.3	0.0235	0.000389	11.7	0.00244	0.0431	0.000138	0.000204	0.0000806	0.0834	0.00000245	0.0000985	0.000403	0.00173	0.0000167
2055 Sep	0.0435	0.0000103	1.21	2.68	0.0184	0.000435	8.83	0.0019	0.0451	0.0000924	0.000135	0.0000689	0.0787	0.00000228	0.0000884	0.000295	0.0015	0.0000104
2055 Oct	0.0442	0.0000103	1.2	2.59	0.0174	0.000456	8.32	0.0018	0.0469	0.0000837	0.000121	0.0000656	0.0786	0.00000226	0.0000887	0.000285	0.00146	0.00000918
2055 Nov	0.0444	0.0000103	1.2	2.57	0.0171	0.000461	8.2	0.00178	0.0474	0.0000817	0.000118	0.0000649	0.0786	0.00000226	0.0000889	0.000282	0.00145	0.00000889
2055 Dec	0.0444	0.0000103	1.2	2.57	0.0171	0.000462	8.2	0.00178	0.0474	0.0000817	0.000118	0.0000649	0.0787	0.00000226	0.0000889	0.000282	0.00145	0.00000888
2056 Jan	0.0444	0.0000103	1.2	2.57	0.0171	0.000462	8.2	0.00178	0.0474	0.0000817	0.000118	0.0000649	0.0787	0.00000226	0.0000889	0.000282	0.00145	0.00000888
2056 Feb	0.0445	0.0000103	1.2	2.57	0.0171	0.000462	8.2	0.00178	0.0474	0.0000817	0.000118	0.0000649	0.0787	0.00000226	0.0000889	0.000283	0.00145	0.00000888
2056 Mar	0.0445	0.0000103	1.21	2.57	0.0171	0.000462	8.21	0.00178	0.0475	0.0000817	0.000118	0.000065	0.0787	0.00000226	0.000089	0.000283	0.00145	0.00000889
2056 Apr	0.0447	0.0000104	1.21	2.58	0.0172	0.000464	8.24	0.00179	0.0477	0.0000821	0.000119	0.0000652	0.0791	0.00000227	0.0000894	0.000284	0.00146	0.00000893
2056 May	0.0595	0.0000103	1.45	3.39	0.0386	0.000433	9.74	0.00208	0.0487	0.000274	0.00016	0.0000855	0.105	0.00000228	0.0000945	0.000522	0.00157	0.0000106
2056 Jun	0.0497	0.00000951	1.42	4.36	0.0383	0.000426	15.1	0.00307	0.0393	0.000244	0.000263	0.0001	0.102	0.00000241	0.000115	0.000611	0.00182	0.0000252
2056 Jul	0.0481	0.0000101	1.3	3.58	0.0293	0.000368	12.3	0.0026	0.0425	0.000185	0.000239	0.0000857	0.0884	0.00000242	0.000102	0.000511	0.00185	0.0000195
2056 Aug	0.0461	0.0000103	1.21	2.78	0.022	0.000368	9.01	0.00199	0.044	0.000136	0.000162	0.0000727	0.0797	0.0000023	0.0000856	0.000345	0.0016	0.0000119
2056 Sep	0.0466	0.0000105	1.23	2.66	0.0203	0.000406	8.37	0.00186	0.0463	0.000118	0.00014	0.0000698	0.0802	0.00000231	0.000086	0.000318	0.00155	0.0000101

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0462	0.0000102	1.18	2.35	0.0166	0.00046	6.95	0.00156	0.0495	0.0000842	0.0000995	0.0000593	0.0775	0.00000218	0.0000855	0.000275	0.00139	0.00000668
2056 Nov	0.0463	0.0000102	1.18	2.3	0.0158	0.000473	6.66	0.0015	0.0503	0.0000771	0.0000909	0.0000572	0.0771	0.00000216	0.0000856	0.000266	0.00136	0.00000595
2056 Dec	0.0463	0.0000102	1.18	2.3	0.0158	0.000473	6.67	0.0015	0.0504	0.0000771	0.0000909	0.0000572	0.0771	0.00000216	0.0000856	0.000266	0.00136	0.00000595
2057 Jan	0.0463	0.0000102	1.18	2.3	0.0158	0.000473	6.67	0.0015	0.0504	0.0000772	0.0000909	0.0000572	0.0771	0.00000216	0.0000856	0.000266	0.00136	0.00000596
2057 Feb	0.0463	0.0000102	1.18	2.3	0.0158	0.000473	6.67	0.0015	0.0504	0.0000772	0.000091	0.0000572	0.0772	0.00000216	0.0000856	0.000266	0.00136	0.00000596
2057 Mar	0.0464	0.0000102	1.18	2.3	0.0158	0.000474	6.67	0.0015	0.0504	0.0000773	0.0000911	0.0000573	0.0772	0.00000217	0.0000857	0.000267	0.00136	0.00000596
2057 Apr	0.0466	0.0000103	1.18	2.31	0.0159	0.000476	6.71	0.00151	0.0507	0.0000776	0.0000915	0.0000576	0.0776	0.00000218	0.0000861	0.000268	0.00137	0.00000599
2057 May	0.0557	0.0000104	1.31	2.63	0.0275	0.00045	6.92	0.00157	0.0523	0.000185	0.00011	0.0000673	0.0912	0.00000219	0.0000862	0.000397	0.00144	0.00000537
2057 Jun	0.0451	0.00000953	1.34	4.17	0.0324	0.000421	14.4	0.00303	0.0386	0.000191	0.000263	0.0000948	0.0939	0.00000238	0.000114	0.00056	0.00184	0.0000259
2057 Jul	0.0451	0.0000101	1.22	3.3	0.0255	0.000343	11	0.00246	0.0421	0.000154	0.000241	0.0000799	0.0811	0.00000235	0.0000972	0.000494	0.00188	0.0000186
2057 Aug	0.0481	0.0000108	1.28	3.3	0.0254	0.000366	10.9	0.00245	0.0456	0.000153	0.000233	0.0000817	0.0845	0.00000249	0.000099	0.000476	0.00193	0.0000175
2057 Sep	0.0479	0.0000109	1.28	3.1	0.0233	0.000398	9.98	0.00226	0.0471	0.000134	0.000202	0.0000778	0.0839	0.00000246	0.0000967	0.000428	0.00183	0.000015
2057 Oct	0.0476	0.0000107	1.25	2.84	0.0205	0.000433	8.84	0.002	0.049	0.000111	0.000166	0.0000702	0.0819	0.00000236	0.0000946	0.000382	0.00168	0.000012
2057 Nov	0.0477	0.0000107	1.25	2.81	0.0202	0.000439	8.71	0.00198	0.0494	0.000108	0.000161	0.0000693	0.0818	0.00000235	0.0000945	0.000376	0.00167	0.0000117
2057 Dec	0.0477	0.0000107	1.25	2.81	0.0202	0.00044	8.72	0.00198	0.0495	0.000108	0.000162	0.0000694	0.0819	0.00000236	0.0000946	0.000377	0.00167	0.0000117
2058 Jan	0.0477	0.0000107	1.25	2.81	0.0202	0.00044	8.72	0.00198	0.0495	0.000108	0.000162	0.0000694	0.0819	0.00000236	0.0000946	0.000377	0.00167	0.0000117
2058 Feb	0.0477	0.0000107	1.25	2.81	0.0202	0.00044	8.72	0.00198	0.0495	0.000108	0.000162	0.0000694	0.0819	0.00000236	0.0000946	0.000377	0.00167	0.0000117
2058 Mar	0.0477	0.0000107	1.25	2.81	0.0202	0.00044	8.72	0.00198	0.0495	0.000108	0.000162	0.0000694	0.0819	0.00000236	0.0000946	0.000377	0.00167	0.0000117
2058 Apr	0.0479	0.0000108	1.25	2.82	0.0203	0.000441	8.75	0.00198	0.0496	0.000109	0.000162	0.0000696	0.0821	0.00000236	0.0000949	0.000378	0.00167	0.0000117
2058 May	0.0592	0.0000106	1.46	3.65	0.038	0.000439	10.4	0.00234	0.0496	0.000262	0.000193	0.0000887	0.104	0.00000237	0.000102	0.00056	0.00172	0.0000141
2058 Jun	0.049	0.00000959	1.47	5.01	0.0398	0.000487	15.6	0.00352	0.0382	0.000243	0.000277	0.000109	0.107	0.00000237	0.000129	0.000615	0.0018	0.0000309
2058 Jul	0.0475	0.0000102	1.39	4.43	0.0328	0.000446	13.8	0.0032	0.041	0.000193	0.000269	0.0000992	0.0971	0.00000244	0.000121	0.000559	0.00189	0.0000273
2058 Aug	0.0485	0.0000106	1.37	4	0.0295	0.000437	12.3	0.00288	0.0434	0.000176	0.000235	0.0000929	0.0937	0.00000245	0.000112	0.000486	0.00182	0.0000229
2058 Sep	0.0472	0.0000104	1.29	3.24	0.0228	0.000478	9.59	0.00225	0.0471	0.000122	0.000162	0.0000761	0.0868	0.0000023	0.000102	0.000378	0.00158	0.0000151
2058 Oct	0.0471	0.0000103	1.24	2.82	0.0188	0.000508	8.02	0.00187	0.0501	0.0000915	0.00012	0.0000653	0.083	0.00000221	0.0000974	0.000324	0.00144	0.0000106
2058 Nov	0.0472	0.0000103	1.24	2.79	0.0185	0.000512	7.89	0.00185	0.0506	0.0000889	0.000116	0.0000645	0.0829	0.00000221	0.0000972	0.00032	0.00143	0.0000102
2058 Dec	0.0472	0.0000103	1.24	2.79	0.0185	0.000513	7.9	0.00185	0.0506	0.0000889	0.000116	0.0000645	0.0829	0.00000221	0.0000973	0.00032	0.00143	0.0000102
2059 Jan	0.0472	0.0000103	1.24	2.79	0.0185	0.000513	7.9	0.00185	0.0506	0.0000889	0.000116	0.0000645	0.0829	0.00000221	0.0000973	0.00032	0.00143	0.0000102
2059 Feb	0.0472	0.0000103	1.24	2.79	0.0185	0.000513	7.9	0.00185	0.0506	0.0000889	0.000116	0.0000645	0.0829	0.00000221	0.0000973	0.00032	0.00143	0.0000102
2059 Mar	0.0472	0.0000103	1.24	2.79	0.0185	0.000513	7.9	0.00185	0.0506	0.0000889	0.000116	0.0000645	0.0829	0.00000221	0.0000973	0.00032	0.00143	0.0000103
2059 Apr	0.0474	0.0000103	1.24	2.8	0.0186	0.000514	7.92	0.00185	0.0507	0.0000892	0.000117	0.0000647	0.0832	0.00000222	0.0000976	0.000321	0.00143	0.0000103
2059 May	0.0605	0.0000104	1.44	3.36	0.0369	0.00047	8.59	0.00201	0.0518	0.000258	0.000148	0.0000811	0.104	0.00000222	0.0000981	0.00052	0.00154	0.0000103
2059 Jun	0.0611	0.00000997	1.53	4.57	0.0499	0.0004	12.3	0.00297	0.0436	0.000356	0.000267	0.000107	0.115	0.00000229	0.000112	0.000734	0.00188	0.0000216
2059 Jul	0.0607	0.0000107	1.5	4.23	0.045	0.000377	11.4	0.00282	0.0469	0.000318	0.000274	0.000101	0.109	0.00000241	0.000109	0.000713	0.00203	0.0000194
2059 Aug	0.0623	0.0000113	1.54	4.21	0.0442	0.000395	11.3	0.0028	0.0493	0.000311	0.000268	0.000102	0.11	0.00000251	0.00011	0.000693	0.00206	0.0000187
2059 Sep	0.058	0.000011	1.44	3.57	0.0351	0.000443	9.48	0.00233	0.0511	0.000234	0.000202	0.0000869	0.101	0.00000239	0.000103	0.000555	0.00182	0.0000137
2059 Oct	0.0489	0.00001	1.21	2.46	0.0176	0.000537	6.29	0.0015	0.0536	0.0000853	0.0000802	0.0000558	0.0821	0.00000208	0.000093	0.000306	0.0013	0.00000557
2059 Nov	0.0485	0.00001	1.23	2.64	0.018	0.000556	6.9	0.00163	0.053	0.0000839	0.0000845	0.0000585	0.0838	0.0000021	0.0000973	0.000307	0.00129	0.00000724
2059 Dec	0.0485	0.00001	1.23	2.68	0.0182	0.000558	7.04	0.00167	0.0529	0.0000855	0.0000867	0.0000593	0.0843	0.0000021	0.0000981	0.00031	0.00129	0.00000762
2060 Jan	0.0485	0.00001	1.23	2.7	0.0183	0.000558	7.08	0.00167	0.0528	0.0000859	0.0000874	0.0000595	0.0844	0.0000021	0.0000983	0.000311	0.00129	0.00000773
2060 Feb	0.0485	0.00001	1.24	2.7	0.0184	0.000559	7.1	0.00168	0.0528	0.0000862	0.0000877	0.0000596	0.0845	0.00000211	0.0000984	0.000312	0.0013	0.00000779
2060 Mar	0.0485	0.00001	1.24	2.71	0.0184	0.000559	7.1	0.00168	0.0528	0.0000863	0.0000878	0.0000597	0.0845	0.00000211	0.0000985	0.000312	0.0013	0.0000078
2060 Apr	0.0488	0.0000101	1.24	2.72	0.0185	0.000562	7.14	0.00169	0.0531	0.0000867	0.0000882	0.00006	0.0849	0.00000212	0.000099	0.000313	0.0013	0.00000783
2060 May	0.0723	0.0000101	1.64	4.21	0.0556	0.000467	9.9	0.00236	0.0516	0.00042	0.00018	0.0001	0.127	0.00000217	0.000106	0.000718	0.00157	0.0000123
2060 Jun	0.0536	0.0000099	1.53	5.25	0.0446	0.000494	14.7	0.0036	0.0401	0.000286	0.000284	0.000114	0.114	0.00000235	0.000132	0.000668	0.00184	0.0000304
2060 Jul	0.0524	0.0000107	1.49	4.84	0.0385	0.000469	13.7	0.00342	0.0432	0.000237	0.000289	0.000108	0.106	0.00000247	0.000128	0.000633	0.00199	0.0000281
2060 Aug	0.0485	0.0000106	1.37	3.8	0.0295	0.000459	10.6	0.00267	0.044	0.000172	0.000205	0.0000909	0.0943	0.00000236	0.000107	0.000453	0.00172	0.0000192
2060 Sep	0.0432	0.00001	1.27	3.05	0.0203	0.000536	8.36	0.00205	0.0449	0.0000918	0.000109	0.0000736	0.0859	0.00000215	0.0000976	0.000279	0.00132	0.0000125
2060 Oct	0.0455	0.00000995	1.3	3.36	0.0215	0.000582	9.13	0.00222	0.0474	0.0000982	0.000115	0.0000745	0.0901	0.00000216	0.000108	0.000317	0.00132	0.0000145
2060 Nov	0.0462	0.00000993	1.32	3.56	0.0227	0.000596	9.69	0.00235	0.0475	0.000105	0.000124	0.0000771	0.0924	0.00000217	0.000113	0.000337	0.00133	0.0000161
2060 Dec	0.0463	0.00000994	1.33	3.61	0.0231	0.000598	9.84	0.00239	0.0474	0.000108	0.000127	0.0000781	0.0931	0.00000218	0.000114	0.000341	0.00134	0.0000165
2061 Jan	0.0463	0.00000994	1.33	3.64	0.0233	0.000599	9.92	0.00241	0.0473	0.000109	0.000128	0.0000786	0.0934	0.00000218	0.000114	0.000344	0.00134	0.0000167
2061 Feb	0.0463	0.00000994	1.33	3.65	0.0234	0.0006	9.96	0.00242	0.0472	0.000109	0.000129	0.0000788	0.0935	0.00000218	0.000114	0.000345	0.00134	0.0000168
2061 Mar	0.0463	0.00000994	1.33	3.66	0.0234	0.0006	9.98	0.00243	0.0472	0.00011	0.000129	0.0000789	0.0936	0.00000218	0.000114	0.000345	0.00134	0.0000169
2061 Apr	0.0466	0.00000999	1.34	3.68	0.0235	0.000603	10	0.00244	0.0474	0.00011	0.00013	0.0000793	0.0941	0.00000219	0.000115	0.000347	0.00135	0.000017
2061 May	0.0624	0.0000101	1.61	4.77	0.048	0.000551	12	0.00296	0.0471	0.000328	0.000197	0.000106	0.122	0.00000224	0.000123	0.000625	0.00155	0.000021
2061 Jun	0.0513	0.00000993	1.49	5.18	0.0416	0.000495	13.9	0.0036	0.0397	0.000258	0.000284	0.000112	0.11	0.00000231	0.000132	0.000642	0.00185	0.0000321
2061 Jul	0.0517	0.0000106	1.42	4.45	0.0353	0.000436	11.9	0.00314	0.0437	0.000221	0.000269	0.0001	0.0999	0.0000024	0.00012	0.000585	0.00193	0.000026
2061 Aug	0.0534	0.0000111	1.44	4.26	0.0336	0.000439	11.3	0.003	0.0462	0.000212	0.000252	0.0000983	0.0996	0.00000247	0.000117	0.000545	0.00193	0.0000237
2061 Sep	0.0516	0.0000111	1.39	3.8	0.0294	0.00046	10.1	0.00265	0.0474	0.000177	0.00021	0.0000897	0.0953	0.00000241	0.00011	0.000471	0.00179	0.0000194
2061 Oct	0.0483	0.0000103	1.24	2.77	0.0192	0.00051	7.08	0.0018	0.0513	0.0000969	0.000114	0.0000638	0.0833	0.00000216	0.0000966	0.000329	0.00142	0.00000964
2061 Nov	0.0477	0.0000102	1.21	2.54	0.0169	0.000524	6.42	0.00161	0.0524	0.0000786	0.0000918	0.0000581	0.0808	0.00000211	0.0000939	0.000297	0.00134	0.00000743
2061 Dec	0.0478	0.0000102	1.21	2.58	0.0172	0.000526	6.54	0.00164	0.0523	0.0000806	0.0000939	0.0000589	0.0813	0.00000212	0.0000947	0.000301	0.00135	0.0000078
2062 Jan	0.0478	0.0000102	1.21	2.61	0.0173	0.000527	6.6	0.00166	0.0522	0.0000816	0.0000949	0.0000593	0.0816	0.00000212	0.0000951	0.000302	0.00135	0.00000799
2062 Feb	0.0478	0.0000102	1.22	2.61	0.0174	0.000527	6.62	0.00166	0.0522	0.0000819	0.0000952	0.0000595	0.0817	0.00000212	0.0000953	0.000303	0.00135	0.00000804
2062 Mar	0.0479	0.0000102	1.22	2.62	0.0174	0.000528	6.63	0.00167	0.0523	0.0000821	0.0000955	0.0000596	0.0818	0.00000212	0.0000954	0.000304	0.00135	0.00000808
2062 Apr	0.0481	0.0000103	1.22	2.63	0.0175	0.000531	6.67	0.00168	0.0525	0.0000825	0.0000959	0.0000599	0.0822	0.00000213	0.0000959	0.000305	0.00136	0.00000812
2062 May	0.0488	0.0000104	1.24	2.67	0.0178	0.000538	6.76	0.0017	0.0533	0.0000836	0.0000973	0.0000607	0.0834	0.00000216	0.0000972	0.000309	0.00138	0.00000823
2062 Jun	0.0484	0.00001	1.36	4.26	0.0325	0.000468	11	0.00297	0.0426	0.000192	0.000241	0.000094	0.0963	0.00000223	0.000118	0.000545	0.00177	0.000025
2062 Jul	0.0491	0.0000103	1.3	3.83	0.0306	0.000381	9.87	0.00273	0.0429	0.000194	0.000244	0.0000888	0.0895	0.00000226	0.000106	0.000525	0.00185	0.0000222
2062 Aug	0.045	0.0000103	1.19	2.73	0.0209	0.000383	7.01	0.00192	0.0437	0.000124	0.000145	0.0000713	0.078	0.00000216	0.0000841	0.000314	0.00152	0.0000117
2062 Sep	0.0452	0.00001	1.24	2.93	0.0203	0.000495	7.42	0.00195	0.0462	0.000103	0.000115	0.00007	0.0834	0.00000212	0.0000947	0.000299	0.00136	0.0000122
2062 Oct	0.0503	0.00000991	1.49	4.84	0.0334	0.000638	12.3	0.00324	0.0451	0.000182	0.00019	0.0000999	0.109	0.00000223	0.000137	0.000478	0.00147	0.0000296
2062 Nov	0.0503	0.00000995	1.47	4.69	0.0323	0.000637	11.9	0.00313	0.0459	0.000174	0.000182	0.000097	0.107	0.00000222	0.000134	0.000465	0.00146	0.0000281
2062 Dec	0.0504	0.00000995	1.48	4.71	0.0324	0.000637	11.9	0.00314	0.0459	0.000175	0.000183	0.0000973	0.108	0.00000222	0.000135	0.000466	0.00146	0.0000283
2063 Jan	0.0504	0.00000996	1.48	4.72	0.0325	0.000638	11.9	0.00315	0.0458	0.000176	0.000183	0.0000975	0.108	0.00000223	0.000135	0.000467	0.00146	0.0000284
2063 Feb	0.0504	0.00000996	1.48	4.73	0.0325	0.000638	12	0.00315	0.0458	0.000176	0.000183	0.0000976	0.108	0.00000223	0.000135	0.000468	0.00146	0.0000285

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0504	0.00000996	1.48	4.73	0.0326	0.000638	12	0.00316	0.0459	0.000176	0.000183	0.0000977	0.108	0.00000223	0.000135	0.000468	0.00146	0.0000285
2063 Apr	0.0506	0.00000999	1.48	4.74	0.0326	0.00064	12	0.00316	0.046	0.000177	0.000184	0.000098	0.108	0.00000223	0.000135	0.000469	0.00146	0.0000286
2063 May	0.0609	0.0000101	1.62	5.02	0.0464	0.000584	12.1	0.00318	0.047	0.000307	0.000207	0.000109	0.123	0.00000224	0.000132	0.00062	0.00156	0.0000273
2063 Jun	0.0511	0.00000959	1.45	4.73	0.0405	0.000452	11.9	0.00326	0.0395	0.00026	0.000266	0.000105	0.106	0.00000219	0.000123	0.000626	0.00179	0.0000348
2063 Jul	0.0496	0.0000101	1.33	3.81	0.0325	0.000373	9.57	0.0027	0.0425	0.00021	0.00025	0.0000896	0.0915	0.00000222	0.000106	0.000563	0.00187	0.0000265
2063 Aug	0.0511	0.0000106	1.35	3.65	0.0309	0.000387	9.2	0.00258	0.0451	0.000199	0.000232	0.0000883	0.0919	0.00000231	0.000104	0.00052	0.00187	0.0000239
2063 Sep	0.0473	0.0000105	1.28	2.95	0.0235	0.000432	7.42	0.00203	0.0463	0.000134	0.000157	0.000075	0.0848	0.00000222	0.0000928	0.000377	0.00161	0.0000155
2063 Oct	0.0466	0.0000102	1.21	2.52	0.0184	0.000479	6.25	0.00165	0.0496	0.0000929	0.000108	0.000062	0.0802	0.00000212	0.0000897	0.00031	0.00141	0.00000995
2063 Nov	0.0467	0.0000102	1.2	2.47	0.0177	0.000487	6.1	0.0016	0.0503	0.0000871	0.000101	0.0000603	0.0798	0.00000211	0.0000895	0.000301	0.00139	0.00000917
2063 Dec	0.0467	0.0000102	1.21	2.47	0.0177	0.000488	6.11	0.0016	0.0503	0.0000871	0.000101	0.0000604	0.0798	0.00000211	0.0000896	0.000301	0.00139	0.00000917
2064 Jan	0.0467	0.0000102	1.21	2.47	0.0177	0.000488	6.11	0.0016	0.0503	0.0000871	0.000101	0.0000604	0.0798	0.00000211	0.0000896	0.000302	0.00139	0.00000918
2064 Feb	0.0467	0.0000102	1.21	2.47	0.0177	0.000488	6.11	0.0016	0.0503	0.0000872	0.000101	0.0000604	0.0799	0.00000211	0.0000896	0.000302	0.00139	0.00000918
2064 Mar	0.0468	0.0000102	1.21	2.48	0.0177	0.000488	6.12	0.0016	0.0504	0.0000873	0.000101	0.0000605	0.08	0.00000212	0.0000898	0.000302	0.00139	0.00000919
2064 Apr	0.0469	0.0000103	1.21	2.48	0.0178	0.00049	6.14	0.00161	0.0506	0.0000876	0.000102	0.0000607	0.0802	0.00000212	0.00009	0.000303	0.0014	0.00000922
2064 May	0.0582	0.0000102	1.44	3.59	0.037	0.000482	8.25	0.00221	0.0493	0.000251	0.000157	0.0000854	0.104	0.00000215	0.000103	0.000515	0.00152	0.0000165
2064 Jun	0.0541	0.00000978	1.45	4.4	0.0419	0.000406	10.3	0.00298	0.0415	0.000283	0.000263	0.000101	0.105	0.00000216	0.000115	0.000655	0.00185	0.0000307
2064 Jul	0.0515	0.0000103	1.28	3.34	0.0311	0.000324	7.84	0.00233	0.0443	0.000214	0.000229	0.0000821	0.0869	0.00000219	0.0000948	0.000533	0.00184	0.0000204
2064 Aug	0.0493	0.0000104	1.19	2.65	0.0235	0.000319	6.33	0.00184	0.0452	0.000163	0.000163	0.0000702	0.0781	0.00000216	0.000081	0.000369	0.00161	0.0000129
2064 Sep	0.0447	0.0000101	1.18	2.37	0.0178	0.000446	5.71	0.00156	0.0466	0.0000936	0.0000931	0.0000622	0.0774	0.00000207	0.000082	0.000257	0.00133	0.00000863
2064 Oct	0.0461	0.0000101	1.21	2.53	0.0182	0.000489	6.04	0.00163	0.0486	0.0000923	0.0000906	0.0000625	0.0806	0.00000208	0.0000886	0.000272	0.00131	0.00000962
2064 Nov	0.0463	0.0000101	1.22	2.54	0.0183	0.000492	6.08	0.00164	0.0488	0.000093	0.0000912	0.0000629	0.081	0.00000209	0.0000891	0.000274	0.00132	0.00000971
2064 Dec	0.0463	0.0000101	1.22	2.55	0.0183	0.000492	6.09	0.00164	0.0488	0.0000932	0.0000914	0.000063	0.0811	0.00000209	0.0000892	0.000274	0.00132	0.00000975
2065 Jan	0.0463	0.0000101	1.22	2.55	0.0184	0.000492	6.1	0.00165	0.0488	0.0000935	0.0000917	0.0000631	0.0812	0.00000209	0.0000893	0.000275	0.00132	0.00000981
2065 Feb	0.0463	0.0000101	1.22	2.55	0.0184	0.000492	6.1	0.00165	0.0488	0.0000936	0.0000918	0.0000631	0.0812	0.00000209	0.0000894	0.000275	0.00132	0.00000983
2065 Mar	0.0464	0.0000101	1.22	2.56	0.0184	0.000493	6.11	0.00165	0.0489	0.0000938	0.0000919	0.0000632	0.0813	0.00000209	0.0000895	0.000275	0.00132	0.00000984
2065 Apr	0.0467	0.0000102	1.23	2.57	0.0185	0.000496	6.15	0.00166	0.0491	0.0000942	0.0000924	0.0000635	0.0818	0.0000021	0.00009	0.000277	0.00133	0.00000989
2065 May	0.0729	0.0000102	1.61	3.74	0.0551	0.000407	7.57	0.00201	0.0514	0.000429	0.000163	0.0000955	0.123	0.0000021	0.0000928	0.000689	0.00155	0.0000105
2065 Jun	0.0552	0.00000975	1.53	5.03	0.0456	0.000466	11.1	0.00338	0.0405	0.000303	0.000271	0.000112	0.113	0.00000215	0.000128	0.000674	0.0018	0.0000354
2065 Jul	0.0539	0.0000106	1.47	4.55	0.0385	0.000437	10.2	0.00316	0.044	0.000249	0.000272	0.000104	0.104	0.0000023	0.000123	0.000625	0.00194	0.0000319
2065 Aug	0.0537	0.000011	1.46	4.17	0.0349	0.000447	9.46	0.0029	0.046	0.000221	0.00024	0.0000984	0.101	0.00000235	0.000116	0.00055	0.00188	0.0000273
2065 Sep	0.0486	0.0000103	1.3	3.1	0.0232	0.000505	7.12	0.00204	0.0488	0.000126	0.000134	0.0000728	0.0881	0.00000214	0.000101	0.000367	0.00147	0.0000153
2065 Oct	0.0505	0.0000098	1.43	4.3	0.0307	0.000612	9.48	0.00281	0.0466	0.00017	0.00016	0.0000902	0.103	0.0000021	0.000127	0.000441	0.00139	0.0000267
2065 Nov	0.0508	0.00000983	1.44	4.37	0.0311	0.00062	9.6	0.00285	0.0468	0.000172	0.000161	0.0000912	0.105	0.00000211	0.000129	0.000445	0.00139	0.0000272
2065 Dec	0.0509	0.00000983	1.45	4.4	0.0314	0.000621	9.67	0.00288	0.0467	0.000174	0.000163	0.0000919	0.105	0.00000211	0.00013	0.000448	0.0014	0.0000275
2066 Jan	0.0509	0.00000984	1.45	4.42	0.0316	0.000621	9.7	0.00289	0.0467	0.000175	0.000164	0.0000922	0.105	0.00000211	0.00013	0.00045	0.0014	0.0000277
2066 Feb	0.0509	0.00000984	1.45	4.42	0.0316	0.000622	9.71	0.00289	0.0467	0.000175	0.000164	0.0000923	0.105	0.00000211	0.00013	0.00045	0.0014	0.0000277
2066 Mar	0.0511	0.00000987	1.46	4.43	0.0317	0.000623	9.74	0.0029	0.0468	0.000176	0.000165	0.0000925	0.106	0.00000212	0.00013	0.000452	0.0014	0.0000278
2066 Apr	0.0513	0.0000099	1.46	4.45	0.0318	0.000625	9.77	0.00291	0.047	0.000176	0.000165	0.0000929	0.106	0.00000212	0.000131	0.000453	0.00141	0.0000279
2066 May	0.0553	0.00001	1.52	4.53	0.0365	0.000611	9.82	0.0029	0.0481	0.000221	0.000172	0.0000964	0.111	0.00000214	0.00013	0.000505	0.00145	0.000027
2066 Jun	0.051	0.00000972	1.43	4.53	0.0391	0.000432	9.83	0.00313	0.0403	0.000251	0.000265	0.000102	0.102	0.00000212	0.000121	0.000623	0.00182	0.0000337
2066 Jul	0.0515	0.0000106	1.33	3.58	0.0314	0.00035	7.87	0.00254	0.0453	0.000206	0.000252	0.0000868	0.0894	0.00000225	0.000104	0.000566	0.00197	0.0000238
2066 Aug	0.052	0.000011	1.32	3.3	0.0284	0.00036	7.34	0.00233	0.0473	0.000186	0.00022	0.0000828	0.0876	0.00000231	0.0000984	0.000491	0.00189	0.0000199
2066 Sep	0.05	0.0000108	1.27	2.84	0.0227	0.000422	6.42	0.00193	0.0496	0.000136	0.000159	0.0000711	0.0836	0.00000223	0.0000937	0.000394	0.00166	0.0000139
2066 Oct	0.0479	0.0000103	1.18	2.3	0.0159	0.000497	5.3	0.00145	0.053	0.0000759	0.000088	0.0000548	0.078	0.00000209	0.0000893	0.000291	0.00136	0.00000681
2066 Nov	0.0477	0.0000102	1.17	2.22	0.0149	0.000508	5.14	0.00138	0.0535	0.0000675	0.000078	0.0000525	0.0773	0.00000207	0.0000887	0.000277	0.00132	0.00000581
2066 Dec	0.0477	0.0000102	1.18	2.23	0.0149	0.000509	5.15	0.00138	0.0536	0.0000676	0.0000781	0.0000526	0.0774	0.00000207	0.0000888	0.000277	0.00132	0.00000582
2067 Jan	0.0477	0.0000102	1.18	2.23	0.0149	0.000509	5.15	0.00138	0.0536	0.0000676	0.0000781	0.0000526	0.0774	0.00000207	0.0000888	0.000277	0.00132	0.00000582
2067 Feb	0.0477	0.0000102	1.18	2.23	0.0149	0.000509	5.15	0.00138	0.0536	0.0000676	0.0000782	0.0000526	0.0775	0.00000207	0.0000889	0.000277	0.00132	0.00000582
2067 Mar	0.0478	0.0000102	1.18	2.23	0.015	0.00051	5.16	0.00138	0.0537	0.0000677	0.0000783	0.0000527	0.0776	0.00000208	0.000089	0.000278	0.00133	0.00000583
2067 Apr	0.0479	0.0000103	1.18	2.24	0.015	0.000511	5.17	0.00139	0.0538	0.0000679	0.0000785	0.0000528	0.0778	0.00000208	0.0000892	0.000279	0.00133	0.00000585
2067 May	0.0725	0.0000103	1.53	3.21	0.0496	0.000409	6.26	0.00162	0.0553	0.000388	0.000138	0.0000826	0.116	0.00000208	0.000087	0.000651	0.00153	0.00000495
2067 Jun	0.0561	0.0000098	1.46	4.43	0.0441	0.000401	9.05	0.00295	0.0421	0.000304	0.000262	0.000102	0.107	0.00000209	0.000115	0.000676	0.00184	0.0000288
2067 Jul	0.0546	0.0000105	1.37	3.76	0.036	0.000354	7.82	0.00258	0.0454	0.000247	0.000252	0.0000907	0.095	0.00000221	0.000105	0.000607	0.00194	0.0000229
2067 Aug	0.0515	0.0000106	1.22	2.77	0.0251	0.000321	6.04	0.00191	0.0463	0.000179	0.000167	0.0000726	0.0807	0.00000218	0.0000838	0.000385	0.00164	0.000013
2067 Sep	0.0489	0.0000105	1.2	2.47	0.0208	0.000382	5.54	0.00166	0.0478	0.000133	0.000126	0.0000659	0.0786	0.00000215	0.0000817	0.000314	0.0015	0.00000934
2067 Oct	0.0481	0.0000101	1.22	2.68	0.0192	0.000503	5.91	0.00171	0.0502	0.000102	0.0000969	0.0000625	0.0824	0.00000206	0.0000942	0.000301	0.00132	0.0000104
2067 Nov	0.0485	0.00001	1.26	2.94	0.0205	0.000539	6.39	0.00187	0.0504	0.000106	0.000101	0.0000659	0.086	0.00000206	0.000101	0.000318	0.00131	0.0000127
2067 Dec	0.0486	0.00001	1.27	2.99	0.0209	0.000541	6.49	0.00191	0.0503	0.000109	0.000104	0.0000669	0.0868	0.00000206	0.000102	0.000323	0.00131	0.0000133
2068 Jan	0.0487	0.00001	1.27	3.01	0.0211	0.000542	6.53	0.00192	0.0503	0.00011	0.000105	0.0000673	0.0871	0.00000206	0.000103	0.000325	0.00132	0.0000135
2068 Feb	0.0487	0.00001	1.27	3.02	0.0211	0.000542	6.55	0.00193	0.0503	0.00011	0.000105	0.0000675	0.0872	0.00000206	0.000103	0.000326	0.00132	0.0000136
2068 Mar	0.0488	0.00001	1.27	3.03	0.0212	0.000544	6.57	0.00193	0.0504	0.000111	0.000105	0.0000677	0.0874	0.00000207	0.000103	0.000327	0.00132	0.0000136
2068 Apr	0.0493	0.0000101	1.29	3.06	0.0214	0.000549	6.63	0.00195	0.0508	0.000112	0.000106	0.0000683	0.0882	0.00000209	0.000104	0.00033	0.00133	0.0000137
2068 May	0.0615	0.0000102	1.5	3.87	0.0404	0.000514	7.81	0.00232	0.0506	0.00028	0.000154	0.0000892	0.111	0.00000211	0.00011	0.000541	0.00147	0.0000171
2068 Jun	0.0506	0.00000972	1.4	4.38	0.0381	0.000417	8.86	0.00303	0.0405	0.000246	0.000263	0.0000996	0.0997	0.00000208	0.000119	0.000618	0.00183	0.0000317
2068 Jul	0.0488	0.0000102	1.17	2.8	0.0247	0.000288	5.91	0.00199	0.0443	0.000172	0.000199	0.0000715	0.0764	0.00000211	0.0000852	0.000439	0.00174	0.0000155
2068 Aug	0.0504	0.0000108	1.2	2.67	0.023	0.000311	5.77	0.00189	0.047	0.00016	0.000177	0.0000707	0.0776	0.00000222	0.0000838	0.000386	0.00172	0.000013
2068 Sep	0.048	0.0000105	1.17	2.3	0.0177	0.000409	5.16	0.00154	0.0498	0.000103	0.000114	0.0000599	0.0758	0.00000213	0.0000828	0.000299	0.00147	0.00000785
2068 Oct	0.0479	0.0000104	1.17	2.19	0.0156	0.000455	4.96	0.0014	0.052	0.0000821	0.0000907	0.000055	0.0758	0.00000211	0.0000842	0.000274	0.00139	0.00000587
2068 Nov	0.0481	0.0000105	1.17	2.19	0.0156	0.000459	4.97	0.0014	0.0523	0.0000813	0.0000898	0.000055	0.0761	0.00000212	0.0000846	0.000274	0.00139	0.00000579
2068 Dec	0.0482	0.0000105	1.17	2.19	0.0156	0.00046	4.97	0.0014	0.0524	0.0000813	0.0000899	0.0000551	0.0761	0.00000212	0.0000847	0.000274	0.00139	0.00000579
2069 Jan	0.0482	0.0000105	1.17	2.2	0.0156	0.00046	4.98	0.0014	0.0524	0.0000814	0.0000899	0.0000551	0.0761	0.00000212	0.0000847	0.000274	0.00139	0.00000579
2069 Feb	0.0482	0.0000105	1.17	2.2	0.0156	0.00046	4.98	0.00141	0.0524	0.0000814	0.0000899	0.0000551	0.0762	0.00000212	0.0000847	0.000274	0.00139	0.00000579
2069 Mar	0.0482	0.0000105	1.17	2.2	0.0156	0.00046	4.98	0.00141	0.0524	0.0000814	0.0000899	0.0000551	0.0762	0.00000212	0.0000847	0.000274	0.00139	0.0000058
2069 Apr	0.0483	0.0000105	1.18	2.2	0.0156	0.000461	4.99	0.00141	0.0525	0.0000816	0.0000901	0.0000552	0.0763	0.00000212	0.0000849	0.000275	0.00139	0.00000581
2069 May	0.0525	0.0000107	1.24	2.36	0.0204	0.000458	5.22	0.00146	0.0539	0.000125	0.0000986	0.0000599	0.0829	0.00000216	0.0000863	0.000329	0.00144	0.00000566
2069 Jun	0.0524	0.00000985	1.41	4.31	0.0392	0.00041	8.45	0.00294	0.0417	0.000259	0.000259	0.0000989	0.101	0.00000208	0.000117	0.000629	0.00184	0.0000295
2069 Jul	0.0511	0.0000105	1.34	3.75	0.0327	0.000364	7.52	0.00265	0.0443	0.000213	0.000255	0.0000895	0.0911	0.00000219	0.000108	0.000578	0.00194	0.0000248

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0493	0.0000106	1.28	3.15	0.0265	0.000373	6.55	0.0022	0.0454	0.000169	0.000194	0.0000797	0.0849	0.0000022	0.0000953	0.000439	0.00175	0.0000178
2069 Sep	0.048	0.0000102	1.29	3.17	0.0241	0.000482	6.62	0.00211	0.0469	0.000136	0.000143	0.0000753	0.0875	0.0000021	0.000101	0.000372	0.00148	0.0000167
2069 Oct	0.0514	0.00000984	1.47	4.46	0.0326	0.000618	8.88	0.00292	0.0464	0.000184	0.000168	0.0000942	0.106	0.00000207	0.000133	0.000461	0.00141	0.0000291
2069 Nov	0.0511	0.00000986	1.44	4.24	0.0306	0.000617	8.48	0.00276	0.0475	0.00017	0.000155	0.0000894	0.104	0.00000207	0.000129	0.000438	0.00138	0.0000266
2069 Dec	0.0513	0.00000986	1.45	4.31	0.0312	0.000619	8.6	0.00281	0.0473	0.000174	0.000158	0.0000908	0.105	0.00000207	0.00013	0.000445	0.00139	0.0000274
2070 Jan	0.0513	0.00000986	1.46	4.33	0.0314	0.000619	8.65	0.00283	0.0472	0.000176	0.00016	0.0000914	0.105	0.00000207	0.000131	0.000447	0.00139	0.0000277
2070 Feb	0.0514	0.00000986	1.46	4.35	0.0316	0.00062	8.68	0.00284	0.0471	0.000176	0.000161	0.0000917	0.105	0.00000207	0.000131	0.000449	0.00139	0.0000278
2070 Mar	0.0514	0.00000987	1.46	4.36	0.0316	0.00062	8.7	0.00285	0.0471	0.000177	0.000161	0.0000919	0.105	0.00000207	0.000131	0.00045	0.0014	0.000028
2070 Apr	0.0518	0.00000992	1.47	4.39	0.0319	0.000623	8.75	0.00286	0.0474	0.000179	0.000162	0.0000925	0.106	0.00000208	0.000132	0.000454	0.0014	0.0000281
2070 May	0.0623	0.00001	1.63	4.82	0.0468	0.000574	9.28	0.00299	0.048	0.000315	0.000193	0.000106	0.122	0.0000021	0.000131	0.000617	0.00152	0.0000283
2070 Jun	0.057	0.00000982	1.49	4.49	0.0452	0.000409	8.59	0.00298	0.0423	0.000314	0.000262	0.000104	0.109	0.00000208	0.000119	0.000684	0.00183	0.0000301
2070 Jul	0.0545	0.0000104	1.35	3.57	0.0358	0.000334	7	0.00244	0.0452	0.000249	0.000247	0.000088	0.0931	0.00000216	0.000101	0.000607	0.00192	0.0000215
2070 Aug	0.0525	0.0000106	1.27	2.94	0.0281	0.000328	6.03	0.00201	0.0465	0.000197	0.000186	0.0000765	0.0844	0.00000218	0.0000883	0.000445	0.00172	0.0000147
2070 Sep	0.0492	0.0000102	1.22	2.63	0.021	0.000454	5.59	0.00169	0.0497	0.000123	0.000116	0.0000641	0.0819	0.00000208	0.0000909	0.000338	0.00142	0.0000104
2070 Oct	0.0497	0.00000987	1.33	3.41	0.0248	0.000563	6.95	0.00218	0.0492	0.000135	0.000123	0.0000747	0.0928	0.00000204	0.000112	0.000373	0.00134	0.0000183
2070 Nov	0.0503	0.00000987	1.37	3.71	0.0272	0.000578	7.47	0.0024	0.0484	0.000151	0.000136	0.0000804	0.0969	0.00000205	0.000118	0.0004	0.00136	0.0000215
2070 Dec	0.0504	0.00000987	1.38	3.75	0.0275	0.000579	7.54	0.00242	0.0483	0.000153	0.000138	0.0000812	0.0974	0.00000205	0.000119	0.000404	0.00136	0.0000219
2071 Jan	0.0504	0.00000987	1.38	3.76	0.0276	0.00058	7.56	0.00243	0.0483	0.000154	0.000139	0.0000815	0.0976	0.00000205	0.000119	0.000405	0.00137	0.0000221
2071 Feb	0.0505	0.00000987	1.38	3.77	0.0277	0.00058	7.58	0.00244	0.0482	0.000154	0.000139	0.0000816	0.0977	0.00000205	0.000119	0.000406	0.00137	0.0000222
2071 Mar	0.0505	0.00000987	1.38	3.78	0.0278	0.00058	7.59	0.00244	0.0482	0.000155	0.00014	0.0000818	0.0978	0.00000205	0.000119	0.000407	0.00137	0.0000222
2071 Apr	0.0506	0.00000989	1.39	3.79	0.0278	0.000582	7.61	0.00245	0.0483	0.000155	0.00014	0.000082	0.098	0.00000206	0.00012	0.000408	0.00137	0.0000223
2071 May	0.0692	0.00000992	1.64	4.46	0.054	0.00049	8.34	0.00259	0.0493	0.000399	0.000187	0.000104	0.126	0.00000206	0.000116	0.000693	0.00154	0.0000212
2071 Jun	0.0549	0.00000968	1.51	4.71	0.0442	0.000444	8.95	0.00317	0.0409	0.000297	0.000262	0.000107	0.11	0.00000206	0.000127	0.000661	0.00178	0.0000343
2071 Jul	0.0518	0.0000102	1.39	3.98	0.0354	0.000388	7.74	0.00278	0.0433	0.000232	0.000255	0.0000941	0.0958	0.00000215	0.000114	0.000595	0.00189	0.0000282
2071 Aug	0.0513	0.0000106	1.37	3.63	0.0316	0.000404	7.25	0.00253	0.045	0.000203	0.00022	0.0000891	0.0933	0.0000022	0.000107	0.000513	0.00181	0.0000236
2071 Sep	0.046	0.0000101	1.22	2.51	0.0189	0.000476	5.44	0.00164	0.0485	0.0000961	0.000105	0.0000634	0.0803	0.00000207	0.0000896	0.000303	0.00139	0.0000101
2071 Oct	0.0468	0.00000995	1.22	2.61	0.0185	0.000523	5.6	0.00165	0.0502	0.0000898	0.0000907	0.0000614	0.0823	0.00000203	0.0000952	0.000298	0.0013	0.0000105
2071 Nov	0.0476	0.00000992	1.24	2.7	0.0187	0.000549	5.76	0.00169	0.0512	0.0000895	0.0000866	0.0000616	0.0842	0.00000202	0.000099	0.000301	0.00127	0.0000111
2071 Dec	0.0478	0.00000992	1.25	2.77	0.0193	0.000551	5.87	0.00174	0.051	0.0000933	0.0000896	0.0000628	0.0851	0.00000203	0.0001	0.000307	0.00128	0.0000118
2072 Jan	0.0478	0.00000992	1.25	2.79	0.0194	0.000552	5.9	0.00175	0.0509	0.0000944	0.0000905	0.0000632	0.0853	0.00000203	0.000101	0.000309	0.00128	0.000012
2072 Feb	0.0478	0.00000992	1.25	2.79	0.0195	0.000552	5.92	0.00176	0.0509	0.000095	0.000091	0.0000634	0.0854	0.00000203	0.000101	0.00031	0.00128	0.0000121
2072 Mar	0.0479	0.00000993	1.26	2.8	0.0196	0.000553	5.93	0.00176	0.0509	0.0000953	0.0000912	0.0000635	0.0855	0.00000203	0.000101	0.000311	0.00128	0.0000121
2072 Apr	0.048	0.00000996	1.26	2.81	0.0196	0.000555	5.96	0.00177	0.0511	0.0000958	0.0000917	0.0000638	0.0859	0.00000204	0.000101	0.000312	0.00129	0.0000122
2072 May	0.0491	0.0000102	1.29	2.87	0.0202	0.000565	6.08	0.0018	0.0521	0.000099	0.0000937	0.0000652	0.0877	0.00000208	0.000103	0.00032	0.00131	0.0000124
2072 Jun	0.0503	0.00000981	1.38	4.02	0.0352	0.000417	7.72	0.00278	0.0422	0.000225	0.000243	0.0000934	0.0962	0.00000206	0.000116	0.000582	0.00179	0.0000286
2072 Jul	0.05	0.0000102	1.26	3.28	0.0288	0.000336	6.49	0.00231	0.0438	0.000195	0.000216	0.0000808	0.0845	0.00000211	0.0000983	0.000488	0.00177	0.0000211
2072 Aug	0.0479	0.0000101	1.4	3.78	0.0304	0.000487	7.56	0.00258	0.042	0.000181	0.00017	0.0000917	0.0964	0.0000021	0.000112	0.000407	0.0015	0.0000253
2072 Sep	0.047	0.0000099	1.41	3.74	0.0286	0.000556	7.55	0.00249	0.0433	0.000157	0.000139	0.0000886	0.0979	0.00000206	0.000115	0.000367	0.00136	0.0000241
2072 Oct	0.0513	0.00000968	1.48	4.39	0.0335	0.000603	8.58	0.00289	0.0453	0.000194	0.000169	0.0000951	0.107	0.00000204	0.000133	0.000466	0.0014	0.0000311
2072 Nov	0.0517	0.00000969	1.5	4.49	0.0343	0.000606	8.74	0.00295	0.0452	0.0002	0.000174	0.0000969	0.108	0.00000205	0.000135	0.000477	0.00141	0.0000322
2072 Dec	0.0518	0.00000969	1.5	4.51	0.0346	0.000607	8.78	0.00298	0.0451	0.000202	0.000175	0.0000975	0.108	0.00000205	0.000136	0.00048	0.00142	0.0000325
2073 Jan	0.0518	0.00000969	1.51	4.53	0.0347	0.000607	8.8	0.00298	0.0451	0.000202	0.000176	0.0000977	0.109	0.00000205	0.000136	0.000481	0.00142	0.0000326
2073 Feb	0.0518	0.0000097	1.51	4.53	0.0347	0.000607	8.81	0.00299	0.0451	0.000203	0.000176	0.0000978	0.109	0.00000205	0.000136	0.000481	0.00142	0.0000327
2073 Mar	0.0519	0.0000097	1.51	4.54	0.0348	0.000608	8.82	0.00299	0.0451	0.000203	0.000177	0.0000979	0.109	0.00000205	0.000136	0.000482	0.00142	0.0000328
2073 Apr	0.0523	0.00000978	1.52	4.58	0.0351	0.000613	8.9	0.00302	0.0455	0.000205	0.000178	0.0000988	0.11	0.00000207	0.000137	0.000486	0.00143	0.0000331
2073 May	0.0643	0.00000985	1.69	5.09	0.0522	0.000555	9.43	0.00317	0.0459	0.000363	0.000214	0.000114	0.128	0.00000208	0.000137	0.000675	0.00156	0.000033
2073 Jun	0.0599	0.00000965	1.58	4.79	0.05	0.000441	8.76	0.00312	0.0419	0.000353	0.000257	0.000111	0.117	0.00000204	0.000127	0.000708	0.00175	0.0000335
2073 Jul	0.0552	0.0000101	1.5	4.44	0.0402	0.000442	8.37	0.00302	0.0428	0.000272	0.00024	0.000103	0.106	0.00000213	0.000125	0.000587	0.00174	0.0000328
2073 Aug	0.0538	0.0000104	1.4	3.71	0.0328	0.000411	7.25	0.00252	0.0448	0.000224	0.000192	0.0000904	0.0963	0.00000217	0.000109	0.000461	0.00163	0.0000243
2073 Sep	0.0491	0.0000102	1.28	2.91	0.0237	0.000456	6.02	0.00192	0.0471	0.000143	0.000125	0.0000728	0.0864	0.0000021	0.0000958	0.000336	0.00142	0.0000148
2073 Oct	0.0481	0.0000099	1.25	2.74	0.0198	0.00053	5.73	0.00173	0.0503	0.000103	0.0000906	0.0000634	0.0846	0.00000202	0.0000989	0.000303	0.00127	0.0000119
2073 Nov	0.0489	0.00000985	1.3	3.09	0.0224	0.000553	6.27	0.00196	0.0496	0.000119	0.000105	0.0000695	0.0894	0.00000202	0.000107	0.000335	0.00129	0.0000157
2073 Dec	0.049	0.00000986	1.3	3.12	0.0226	0.000554	6.32	0.00198	0.0496	0.000121	0.000106	0.0000701	0.0898	0.00000202	0.000107	0.000338	0.00129	0.000016
2074 Jan	0.049	0.00000986	1.3	3.13	0.0228	0.000555	6.34	0.002	0.0495	0.000122	0.000107	0.0000704	0.09	0.00000202	0.000108	0.00034	0.0013	0.0000162
2074 Feb	0.049	0.00000986	1.31	3.14	0.0229	0.000555	6.36	0.002	0.0495	0.000122	0.000107	0.0000706	0.0901	0.00000202	0.000108	0.000341	0.0013	0.0000163
2074 Mar	0.0491	0.00000987	1.31	3.15	0.0229	0.000555	6.37	0.002	0.0495	0.000122	0.000108	0.0000707	0.0902	0.00000203	0.000108	0.000341	0.0013	0.0000163
2074 Apr	0.0494	0.00000994	1.32	3.17	0.023	0.000559	6.41	0.00202	0.0499	0.000123	0.000108	0.0000712	0.0908	0.00000204	0.000109	0.000344	0.00131	0.0000164
2074 May	0.0636	0.00000996	1.6	4.33	0.0467	0.000523	7.97	0.00262	0.0486	0.000329	0.000176	0.0001	0.119	0.00000206	0.000121	0.000607	0.0015	0.0000234
2074 Jun	0.058	0.00000966	1.58	4.77	0.0479	0.00045	8.58	0.00315	0.0415	0.000331	0.000258	0.000111	0.115	0.00000204	0.000131	0.000687	0.00175	0.0000347
2074 Jul	0.0554	0.0000103	1.47	4.14	0.0392	0.000406	7.65	0.00283	0.0443	0.000265	0.000251	0.0000991	0.103	0.00000216	0.00012	0.000615	0.00186	0.0000293
2074 Aug	0.0571	0.0000109	1.51	4.08	0.0381	0.000424	7.65	0.00279	0.047	0.000257	0.000242	0.0000994	0.104	0.00000228	0.00012	0.00059	0.00189	0.0000277
2074 Sep	0.0503	0.0000104	1.31	2.91	0.0239	0.000482	5.91	0.00189	0.0498	0.000139	0.000132	0.0000713	0.088	0.00000212	0.0000999	0.000379	0.00149	0.000014
2074 Oct	0.0481	0.0000101	1.21	2.35	0.0165	0.000528	5.07	0.00144	0.0531	0.000078	0.0000749	0.0000551	0.0805	0.00000204	0.0000927	0.000285	0.00128	0.00000698
2074 Nov	0.0484	0.00001	1.23	2.52	0.0178	0.00054	5.31	0.00155	0.0526	0.0000862	0.0000807	0.0000582	0.0827	0.00000203	0.0000966	0.000298	0.00128	0.00000878
2074 Dec	0.0486	0.00001	1.24	2.58	0.0184	0.000542	5.4	0.0016	0.0524	0.0000898	0.0000836	0.0000594	0.0836	0.00000203	0.0000979	0.000303	0.00129	0.00000944
2075 Jan	0.0486	0.00001	1.24	2.6	0.0185	0.000543	5.43	0.00161	0.0524	0.0000908	0.0000844	0.0000598	0.0838	0.00000203	0.0000983	0.000305	0.00129	0.00000962
2075 Feb	0.0486	0.00001	1.24	2.61	0.0186	0.000543	5.44	0.00162	0.0524	0.0000913	0.0000848	0.0000599	0.0839	0.00000203	0.0000985	0.000306	0.00129	0.00000971
2075 Mar	0.0487	0.00001	1.24	2.61	0.0186	0.000544	5.45	0.00162	0.0524	0.0000915	0.000085	0.00006	0.084	0.00000204	0.0000986	0.000306	0.00129	0.00000973
2075 Apr	0.049	0.0000101	1.25	2.63	0.0187	0.000547	5.48	0.00163	0.0528	0.000092	0.0000855	0.0000604	0.0846	0.00000205	0.0000992	0.000308	0.0013	0.00000979
2075 May	0.0657	0.0000102	1.48	3.18	0.0411	0.000474	6.11	0.00172	0.0546	0.000302	0.000123	0.0000787	0.109	0.00000207	0.0000958	0.000553	0.00145	0.00000802
2075 Jun	0.0525	0.00000982	1.44	4.25	0.0387	0.000434	7.44	0.00289	0.0422	0.000253	0.000246	0.0000988	0.102	0.00000204	0.000123	0.000609	0.00177	0.0000292
2075 Jul	0.0511	0.0000103	1.35	3.65	0.0325	0.000366	6.57	0.00257	0.044	0.000214	0.000244	0.0000888	0.0909	0.00000213	0.00011	0.000559	0.00187	0.0000241
2075 Aug	0.0498	0.0000106	1.3	3.18	0.0275	0.000376	6.01	0.00222	0.0453	0.000177	0.000196	0.0000812	0.0863	0.00000216	0.0000997	0.000448	0.00174	0.0000184
2075 Sep	0.0487	0.0000106	1.28	2.9	0.024	0.000413	5.69	0.00199	0.047	0.000145	0.000161	0.0000747	0.0842	0.00000216	0.0000959	0.000388	0.00162	0.0000148
2075 Oct	0.0479	0.0000103	1.23	2.53	0.0192	0.000466	5.21	0.00166	0.0502	0.000103	0.000114	0.000063	0.0806	0.00000209	0.0000925	0.000324	0.00145	0.00000986
2075 Nov	0.0479	0.0000103	1.22	2.46	0.0181	0.00048	5.12	0.00159	0.0511	0.000094	0.000104	0.0000606	0.08	0.00000209	0.0000921	0.00031	0.00141	0.00000879
2075 Dec	0.0479	0.0000103	1.22	2.46	0.0181	0.000481	5.11	0.00158	0.0512	0.0000936	0.000103	0.0000605	0.08	0.00000209	0.0000921	0.00031	0.00141	0.00000873

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0479	0.0000103	1.22	2.46	0.0181	0.000481	5.12	0.00158	0.0512	0.0000936	0.000103	0.0000605	0.08	0.00000209	0.0000921	0.00031	0.00141	0.00000873
2076 Feb	0.0479	0.0000103	1.22	2.46	0.0181	0.000481	5.12	0.00159	0.0512	0.0000936	0.000103	0.0000605	0.0801	0.00000209	0.0000921	0.00031	0.00141	0.00000873
2076 Mar	0.048	0.0000103	1.22	2.46	0.0181	0.000482	5.12	0.00159	0.0513	0.0000937	0.000104	0.0000606	0.0802	0.00000209	0.0000922	0.00031	0.00141	0.00000875
2076 Apr	0.0482	0.0000104	1.22	2.47	0.0182	0.000484	5.14	0.00159	0.0515	0.0000941	0.000104	0.0000608	0.0805	0.0000021	0.0000926	0.000311	0.00142	0.00000878
2076 May	0.0661	0.0000103	1.49	3.3	0.0435	0.000428	6.16	0.00185	0.0526	0.000326	0.000148	0.0000838	0.11	0.00000209	0.0000948	0.000585	0.00155	0.00000954
2076 Jun	0.0582	0.00000968	1.59	4.89	0.0487	0.000461	8.34	0.00323	0.0414	0.000335	0.000261	0.000113	0.117	0.00000203	0.000135	0.000693	0.00175	0.0000341
2076 Jul	0.0538	0.0000103	1.48	4.34	0.0385	0.000435	7.63	0.003	0.0432	0.000253	0.000252	0.000102	0.103	0.00000213	0.000128	0.000596	0.00182	0.000031
2076 Aug	0.0539	0.0000107	1.47	4.01	0.035	0.000443	7.27	0.00277	0.0455	0.000227	0.000224	0.0000972	0.101	0.00000222	0.000121	0.000528	0.00178	0.0000267
2076 Sep	0.0526	0.0000108	1.43	3.62	0.0305	0.000469	6.78	0.00246	0.0474	0.00019	0.000187	0.0000886	0.0968	0.00000221	0.000114	0.000462	0.00168	0.0000218
2076 Oct	0.0491	0.0000102	1.27	2.73	0.0203	0.000513	5.52	0.00174	0.0513	0.000107	0.000107	0.0000646	0.0848	0.00000208	0.0000997	0.000332	0.00138	0.0000114
2076 Nov	0.0486	0.0000102	1.24	2.58	0.0186	0.000523	5.32	0.00162	0.0521	0.0000935	0.0000929	0.0000606	0.0829	0.00000206	0.0000974	0.00031	0.00134	0.00000958
2076 Dec	0.0487	0.0000102	1.24	2.58	0.0186	0.000523	5.32	0.00162	0.0521	0.0000935	0.000093	0.0000606	0.083	0.00000206	0.0000975	0.00031	0.00134	0.00000958
2077 Jan	0.0487	0.0000102	1.24	2.58	0.0186	0.000523	5.32	0.00163	0.0521	0.0000935	0.000093	0.0000606	0.083	0.00000206	0.0000975	0.00031	0.00134	0.00000958
2077 Feb	0.0487	0.0000102	1.24	2.58	0.0186	0.000523	5.32	0.00163	0.0522	0.0000936	0.000093	0.0000607	0.083	0.00000206	0.0000975	0.00031	0.00134	0.00000958
2077 Mar	0.0487	0.0000102	1.24	2.58	0.0186	0.000523	5.32	0.00163	0.0522	0.0000936	0.0000931	0.0000607	0.0831	0.00000206	0.0000975	0.00031	0.00134	0.00000959
2077 Apr	0.0489	0.0000102	1.25	2.59	0.0187	0.000526	5.35	0.00163	0.0524	0.000094	0.0000935	0.000061	0.0834	0.00000207	0.000098	0.000312	0.00134	0.00000963
2077 May	0.0588	0.0000102	1.44	3.4	0.0348	0.000508	6.4	0.00205	0.0517	0.000234	0.000137	0.0000809	0.103	0.00000208	0.000107	0.000488	0.00146	0.0000143
2077 Jun	0.0524	0.00000987	1.37	3.71	0.0372	0.00035	6.44	0.00254	0.0427	0.000252	0.000254	0.0000908	0.0943	0.00000204	0.00011	0.000627	0.00188	0.0000236
2077 Jul	0.0501	0.0000105	1.21	2.73	0.0282	0.00026	5.01	0.00197	0.046	0.000193	0.000248	0.0000733	0.078	0.00000213	0.0000882	0.000576	0.00204	0.0000141
2077 Aug	0.0504	0.0000109	1.24	2.62	0.0261	0.000295	5	0.00187	0.0477	0.000173	0.000219	0.0000725	0.079	0.00000221	0.0000867	0.000509	0.00196	0.0000121
2077 Sep	0.0459	0.0000101	1.2	2.39	0.0184	0.000468	4.94	0.00155	0.0489	0.0000937	0.000104	0.000061	0.0788	0.00000203	0.000089	0.000308	0.00139	0.00000834
2077 Oct	0.0482	0.00000996	1.28	2.91	0.0214	0.000542	5.7	0.00185	0.05	0.00011	0.000105	0.0000673	0.0872	0.00000202	0.000104	0.000335	0.00133	0.000013
2077 Nov	0.0489	0.00000998	1.32	3.11	0.0231	0.000552	5.98	0.002	0.0497	0.000122	0.000114	0.0000714	0.0902	0.00000203	0.000109	0.000355	0.00135	0.0000151
2077 Dec	0.049	0.00000999	1.32	3.15	0.0234	0.000553	6.03	0.00202	0.0496	0.000124	0.000116	0.0000721	0.0906	0.00000203	0.00011	0.000358	0.00135	0.0000154
2078 Jan	0.0491	0.00000999	1.33	3.16	0.0235	0.000554	6.04	0.00203	0.0496	0.000125	0.000116	0.0000723	0.0908	0.00000203	0.00011	0.000359	0.00135	0.0000155
2078 Feb	0.0491	0.00000999	1.33	3.16	0.0236	0.000554	6.05	0.00203	0.0496	0.000125	0.000117	0.0000724	0.0909	0.00000204	0.00011	0.000359	0.00135	0.0000156
2078 Mar	0.0491	0.00000999	1.33	3.17	0.0236	0.000554	6.06	0.00203	0.0496	0.000125	0.000117	0.0000725	0.091	0.00000204	0.00011	0.00036	0.00135	0.0000156
2078 Apr	0.0495	0.0000101	1.34	3.2	0.0238	0.000559	6.11	0.00205	0.05	0.000126	0.000118	0.0000731	0.0917	0.00000205	0.000111	0.000363	0.00136	0.0000157
2078 May	0.0686	0.00000998	1.7	4.65	0.055	0.000504	7.93	0.00277	0.0482	0.000402	0.0002	0.00011	0.129	0.00000205	0.000126	0.000704	0.00157	0.0000237
2078 Jun	0.0592	0.00000979	1.63	4.96	0.0498	0.000471	8.29	0.00328	0.0418	0.000343	0.000264	0.000116	0.119	0.00000205	0.00014	0.000705	0.00177	0.0000346
2078 Jul	0.0584	0.0000104	1.55	4.39	0.0431	0.000428	7.54	0.00295	0.0448	0.000298	0.000251	0.000105	0.109	0.00000216	0.000128	0.000638	0.00183	0.0000291
2078 Aug	0.0542	0.0000105	1.37	3.37	0.0317	0.000386	6.22	0.00227	0.0457	0.000221	0.00018	0.0000858	0.0933	0.00000215	0.000103	0.000445	0.00162	0.0000188
2078 Sep	0.0499	0.0000105	1.3	2.83	0.0247	0.00043	5.57	0.00188	0.0469	0.000155	0.000129	0.0000746	0.0866	0.00000213	0.0000935	0.000339	0.00147	0.0000128
2078 Oct	0.0486	0.0000103	1.24	2.5	0.0199	0.000473	5.14	0.0016	0.0498	0.000113	0.0000949	0.0000635	0.0822	0.00000207	0.0000908	0.000293	0.00135	0.00000879
2078 Nov	0.0485	0.0000102	1.23	2.43	0.0188	0.000484	5.06	0.00153	0.0506	0.000103	0.000087	0.000061	0.0814	0.00000207	0.0000904	0.000283	0.00132	0.00000787
2078 Dec	0.0485	0.0000102	1.23	2.43	0.0188	0.000485	5.06	0.00153	0.0506	0.000103	0.000087	0.0000611	0.0814	0.00000207	0.0000904	0.000283	0.00132	0.00000787
2079 Jan	0.0485	0.0000102	1.23	2.43	0.0188	0.000485	5.06	0.00153	0.0506	0.000103	0.000087	0.0000611	0.0815	0.00000207	0.0000905	0.000283	0.00132	0.00000787
2079 Feb	0.0485	0.0000102	1.23	2.43	0.0188	0.000485	5.06	0.00153	0.0506	0.000103	0.000087	0.0000611	0.0815	0.00000207	0.0000905	0.000283	0.00132	0.00000787
2079 Mar	0.0485	0.0000102	1.23	2.43	0.0188	0.000485	5.06	0.00153	0.0507	0.000103	0.0000871	0.0000611	0.0815	0.00000207	0.0000905	0.000284	0.00132	0.00000788
2079 Apr	0.0488	0.0000103	1.24	2.44	0.0189	0.000487	5.09	0.00154	0.0509	0.000104	0.0000875	0.0000614	0.0819	0.00000208	0.0000909	0.000285	0.00133	0.00000792
2079 May	0.0536	0.0000104	1.31	2.62	0.0247	0.000478	5.32	0.00158	0.0522	0.000156	0.0000976	0.0000666	0.0892	0.00000211	0.0000916	0.000351	0.00138	0.00000758
2079 Jun	0.0538	0.00000975	1.49	4.41	0.0419	0.00043	7.32	0.003	0.0413	0.00028	0.000258	0.000104	0.106	0.00000202	0.00013	0.000643	0.00179	0.0000303
2079 Jul	0.0501	0.0000102	1.28	3.22	0.03	0.000325	5.69	0.00228	0.0439	0.000202	0.000229	0.0000815	0.0848	0.00000208	0.000102	0.000527	0.00184	0.0000194
2079 Aug	0.0505	0.0000106	1.24	2.82	0.0254	0.000324	5.29	0.00199	0.046	0.000175	0.000186	0.0000746	0.0808	0.00000215	0.000092	0.00042	0.00172	0.0000146
2079 Sep	0.0474	0.0000102	1.18	2.33	0.0177	0.000445	4.8	0.00151	0.0498	0.0000978	0.000103	0.000059	0.0772	0.00000205	0.0000878	0.000298	0.00139	0.00000772
2079 Oct	0.0485	0.00000996	1.26	2.75	0.0201	0.000526	5.41	0.00174	0.0507	0.000105	0.0000981	0.0000639	0.0848	0.00000202	0.000102	0.000319	0.00131	0.0000112
2079 Nov	0.0498	0.00000992	1.33	3.21	0.0239	0.000562	6.01	0.00205	0.05	0.000129	0.000114	0.0000724	0.0918	0.00000202	0.000113	0.000359	0.00132	0.0000157
2079 Dec	0.0513	0.00000989	1.42	3.75	0.0286	0.000589	6.7	0.00241	0.0487	0.000161	0.000137	0.000083	0.0996	0.00000202	0.000126	0.000411	0.00135	0.000021
2080 Jan	0.0515	0.00000989	1.43	3.82	0.0293	0.000591	6.8	0.00247	0.0484	0.000166	0.000141	0.0000846	0.101	0.00000202	0.000127	0.000419	0.00136	0.0000218
2080 Feb	0.0516	0.00000989	1.44	3.85	0.0296	0.000592	6.83	0.00249	0.0483	0.000168	0.000142	0.0000852	0.101	0.00000203	0.000128	0.000422	0.00136	0.0000221
2080 Mar	0.0516	0.00000989	1.44	3.86	0.0297	0.000592	6.85	0.0025	0.0483	0.000169	0.000143	0.0000854	0.101	0.00000203	0.000128	0.000423	0.00137	0.0000222
2080 Apr	0.0518	0.00000993	1.44	3.87	0.0298	0.000594	6.88	0.00251	0.0485	0.00017	0.000144	0.0000858	0.102	0.00000203	0.000129	0.000425	0.00137	0.0000223
2080 May	0.0538	0.0000101	1.48	3.96	0.0316	0.000601	7.02	0.00255	0.0496	0.000185	0.000148	0.0000882	0.105	0.00000207	0.00013	0.000446	0.00141	0.0000225
2080 Jun	0.0525	0.00000987	1.47	4.24	0.0383	0.000452	7.09	0.0029	0.0427	0.000247	0.000243	0.0000995	0.103	0.00000204	0.00013	0.0006	0.00176	0.0000286
2080 Jul	0.0509	0.0000101	1.32	3.44	0.0309	0.000357	6.01	0.00241	0.0434	0.000209	0.000217	0.0000853	0.0886	0.00000208	0.000108	0.000499	0.00174	0.0000214
2080 Aug	0.0488	0.0000103	1.22	2.72	0.0233	0.000346	5.19	0.00189	0.0448	0.000158	0.000154	0.0000724	0.0795	0.0000021	0.0000895	0.000345	0.00155	0.0000134
2080 Sep	0.0456	0.0000101	1.21	2.45	0.0189	0.000445	4.99	0.00163	0.0465	0.000104	0.0000994	0.0000652	0.079	0.00000205	0.0000879	0.000265	0.00134	0.0000095
2080 Oct	0.0475	0.00001	1.26	2.74	0.0201	0.000518	5.39	0.00176	0.0491	0.000105	0.000095	0.0000659	0.0846	0.00000203	0.0000999	0.000296	0.00129	0.0000114
2080 Nov	0.0489	0.00000993	1.33	3.13	0.0231	0.000557	5.9	0.00201	0.0493	0.000123	0.000108	0.000072	0.0906	0.00000202	0.000111	0.000338	0.0013	0.0000151
2080 Dec	0.0493	0.00000993	1.35	3.27	0.0243	0.000563	6.08	0.0021	0.049	0.000132	0.000115	0.0000748	0.0926	0.00000202	0.000114	0.000353	0.00131	0.0000165
2081 Jan	0.0494	0.00000993	1.35	3.3	0.0246	0.000564	6.11	0.00212	0.0489	0.000134	0.000116	0.0000754	0.093	0.00000202	0.000115	0.000356	0.00132	0.0000168
2081 Feb	0.0495	0.00000993	1.36	3.31	0.0248	0.000564	6.13	0.00213	0.0489	0.000135	0.000117	0.0000757	0.0933	0.00000202	0.000115	0.000358	0.00132	0.0000169
2081 Mar	0.0495	0.00000993	1.36	3.32	0.0248	0.000565	6.14	0.00214	0.0489	0.000135	0.000117	0.0000759	0.0934	0.00000202	0.000116	0.000358	0.00132	0.000017
2081 Apr	0.0501	0.00000998	1.37	3.35	0.0254	0.000567	6.19	0.00215	0.0491	0.000138	0.000118	0.0000764	0.0944	0.00000203	0.000116	0.000365	0.00133	0.000017
2081 May	0.0728	0.00000999	1.74	4.61	0.0595	0.000484	7.73	0.00266	0.0493	0.000439	0.000197	0.00011	0.133	0.00000204	0.000124	0.000744	0.00157	0.000021
2081 Jun	0.0608	0.00000984	1.68	5.07	0.052	0.000483	8.23	0.00334	0.0422	0.000361	0.000267	0.000119	0.123	0.00000205	0.000145	0.000724	0.00177	0.0000345
2081 Jul	0.0608	0.0000106	1.68	4.95	0.0484	0.000482	8.13	0.00333	0.0451	0.000329	0.000277	0.000117	0.12	0.0000022	0.000146	0.000709	0.00191	0.0000338
2081 Aug	0.0621	0.0000112	1.71	4.85	0.047	0.000497	8.12	0.00327	0.0476	0.000317	0.000267	0.000117	0.121	0.00000231	0.000145	0.00068	0.00194	0.000032
2081 Sep	0.054	0.0000107	1.48	3.6	0.0323	0.000508	6.56	0.00238	0.0487	0.000199	0.00017	0.0000895	0.101	0.0000022	0.000117	0.000465	0.00161	0.0000194
2081 Oct	0.0524	0.0000106	1.4	3.19	0.0271	0.000525	6.04	0.00206	0.0506	0.000158	0.000135	0.0000781	0.0952	0.00000215	0.00011	0.000403	0.0015	0.000015
2081 Nov	0.0501	0.0000103	1.3	2.72	0.0212	0.000538	5.42	0.0017	0.0523	0.000112	0.0000971	0.0000651	0.0875	0.00000208	0.000102	0.000333	0.00136	0.00001
2081 Dec	0.0497	0.0000102	1.28	2.62	0.0199	0.000542	5.3	0.00163	0.0528	0.000102	0.0000889	0.0000624	0.0861	0.00000207	0.0001	0.000318	0.00133	0.00000897
2082 Jan	0.0497	0.0000102	1.28	2.62	0.0199	0.000542	5.3	0.00163	0.0528	0.000102	0.0000889	0.0000624	0.0861	0.00000207	0.0001	0.000318	0.00133	0.00000897
2082 Feb	0.0497	0.0000102	1.28	2.62	0.0199	0.000542	5.3	0.00163	0.0528	0.000102	0.0000889	0.0000624	0.0861	0.00000207	0.0001	0.000319	0.00133	0.00000897
2082 Mar	0.0498	0.0000102	1.28	2.63	0.02	0.000542	5.31	0.00163	0.0528	0.000102	0.000089	0.0000625	0.0862	0.00000207	0.0001	0.000319	0.00133	0.00000898
2082 Apr	0.0499	0.0000103	1.29	2.64	0.02	0.000544	5.32	0.00163	0.053	0.000103	0.0000893	0.0000627	0.0865	0.00000208	0.0001	0.00032	0.00133	0.00000901
2082 May	0.051	0.0000105	1.31	2.69	0.0206	0.000553	5.43	0.00166	0.054	0.000106	0.0000912	0.000064	0.0882	0.00000212	0.000102	0.000328	0.00136	0.00000916

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.0517	0.00000992	1.46	4.1	0.0364	0.000458	6.78	0.00281	0.0432	0.00023	0.000234	0.0000969	0.101	0.00000204	0.000129	0.000575	0.00174	0.0000267
2082 Jul	0.0516	0.0000103	1.38	3.66	0.0328	0.000378	6.21	0.00258	0.0438	0.000218	0.000235	0.0000904	0.0925	0.00000211	0.000117	0.000539	0.00181	0.0000234
2082 Aug	0.0503	0.0000106	1.34	3.23	0.0281	0.000393	5.81	0.00226	0.0453	0.000181	0.000192	0.0000835	0.0886	0.00000216	0.000106	0.000439	0.0017	0.0000182
2082 Sep	0.0482	0.0000106	1.29	2.82	0.0231	0.000435	5.38	0.00192	0.0472	0.000135	0.000144	0.000074	0.0846	0.00000214	0.000098	0.000355	0.00155	0.0000132
2082 Oct	0.0479	0.00001	1.27	2.77	0.0204	0.000522	5.37	0.00178	0.0499	0.000106	0.000103	0.0000658	0.085	0.00000203	0.000103	0.00032	0.00133	0.0000117
2082 Nov	0.0489	0.00001	1.32	3.05	0.0228	0.000539	5.74	0.00198	0.0494	0.000122	0.000116	0.0000715	0.0893	0.00000204	0.00011	0.000348	0.00136	0.0000145
2082 Dec	0.049	0.00001	1.33	3.09	0.0232	0.00054	5.78	0.002	0.0494	0.000124	0.000118	0.0000723	0.0899	0.00000204	0.000111	0.000352	0.00136	0.0000149
2083 Jan	0.049	0.00001	1.33	3.11	0.0233	0.000541	5.8	0.00202	0.0493	0.000125	0.000119	0.0000726	0.0901	0.00000204	0.000112	0.000354	0.00136	0.000015
2083 Feb	0.0491	0.00001	1.33	3.11	0.0233	0.000541	5.81	0.00202	0.0493	0.000126	0.000119	0.0000727	0.0902	0.00000204	0.000112	0.000354	0.00136	0.0000151
2083 Mar	0.0491	0.00001	1.33	3.11	0.0234	0.000542	5.82	0.00202	0.0494	0.000126	0.000119	0.0000728	0.0903	0.00000204	0.000112	0.000355	0.00136	0.0000151
2083 Apr	0.0494	0.0000101	1.34	3.13	0.0235	0.000545	5.85	0.00203	0.0496	0.000126	0.00012	0.0000731	0.0907	0.00000205	0.000112	0.000357	0.00137	0.0000152
2083 May	0.0657	0.0000101	1.62	4.1	0.048	0.000497	6.99	0.00244	0.0499	0.000345	0.000176	0.0000989	0.119	0.00000206	0.00012	0.000627	0.00154	0.0000182
2083 Jun	0.0564	0.00000983	1.62	4.88	0.0466	0.000479	7.68	0.0033	0.0413	0.000311	0.000268	0.000114	0.115	0.00000203	0.000146	0.000678	0.00178	0.0000333
2083 Jul	0.053	0.0000103	1.45	3.97	0.0358	0.000409	6.56	0.00277	0.0437	0.000237	0.000242	0.0000967	0.0984	0.00000212	0.000126	0.000564	0.00181	0.0000258
2083 Aug	0.0499	0.0000104	1.24	2.77	0.0235	0.000347	5.18	0.00192	0.0451	0.000164	0.000148	0.0000733	0.0805	0.00000211	0.0000921	0.000327	0.0015	0.0000135
2083 Sep	0.0491	0.0000101	1.28	2.91	0.0225	0.000472	5.46	0.00193	0.0478	0.000134	0.00012	0.0000713	0.0856	0.00000205	0.000103	0.000323	0.00137	0.0000135
2083 Oct	0.0516	0.00000986	1.5	4.14	0.0319	0.000604	6.97	0.00272	0.0469	0.000182	0.00016	0.0000922	0.105	0.00000202	0.000139	0.000447	0.00139	0.0000249
2083 Nov	0.0524	0.00000985	1.55	4.48	0.0349	0.00062	7.38	0.00297	0.0459	0.000202	0.000177	0.0000994	0.11	0.00000202	0.000148	0.000483	0.00142	0.0000285
2083 Dec	0.0526	0.00000986	1.56	4.53	0.0354	0.000622	7.44	0.003	0.0458	0.000205	0.00018	0.0001	0.11	0.00000202	0.000149	0.000488	0.00143	0.0000289
2084 Jan	0.0526	0.00000986	1.57	4.55	0.0355	0.000622	7.46	0.00302	0.0457	0.000207	0.000181	0.000101	0.111	0.00000202	0.00015	0.00049	0.00143	0.0000291
2084 Feb	0.0526	0.00000986	1.57	4.56	0.0356	0.000622	7.47	0.00302	0.0457	0.000207	0.000182	0.000101	0.111	0.00000203	0.00015	0.000491	0.00143	0.0000292
2084 Mar	0.0527	0.00000987	1.57	4.56	0.0357	0.000623	7.48	0.00303	0.0458	0.000207	0.000182	0.000101	0.111	0.00000203	0.00015	0.000491	0.00144	0.0000292
2084 Apr	0.0531	0.00000995	1.58	4.6	0.0359	0.000628	7.54	0.00305	0.0461	0.000209	0.000183	0.000102	0.112	0.00000204	0.000151	0.000495	0.00145	0.0000295
2084 May	0.0729	0.00001	1.82	5.11	0.0625	0.000515	8.13	0.00305	0.0479	0.000463	0.000225	0.000121	0.139	0.00000205	0.000141	0.000787	0.00162	0.000026
2084 Jun	0.0562	0.00000978	1.62	4.82	0.0464	0.000478	7.62	0.00327	0.0411	0.00031	0.000266	0.000114	0.115	0.00000203	0.000148	0.000674	0.00177	0.0000333
2084 Jul	0.0543	0.0000104	1.49	4.06	0.0378	0.000415	6.68	0.00282	0.044	0.000252	0.000248	0.0000995	0.102	0.00000213	0.00013	0.00059	0.00183	0.0000264
2084 Aug	0.0525	0.0000106	1.43	3.54	0.0321	0.000418	6.16	0.00245	0.0453	0.00021	0.000203	0.0000905	0.0955	0.00000217	0.000116	0.000481	0.00172	0.0000207
2084 Sep	0.0475	0.0000103	1.3	2.78	0.0231	0.000454	5.32	0.00187	0.0466	0.000132	0.00013	0.0000735	0.0853	0.0000021	0.0000983	0.000337	0.00147	0.0000124
2084 Oct	0.0473	0.00001	1.24	2.53	0.0186	0.000518	5.06	0.00161	0.0504	0.0000924	0.0000888	0.0000619	0.0825	0.00000203	0.0000979	0.000292	0.0013	0.00000888
2084 Nov	0.0482	0.00000998	1.29	2.83	0.0207	0.000547	5.42	0.0018	0.0504	0.000105	0.0000975	0.0000666	0.087	0.00000202	0.000107	0.000318	0.0013	0.0000117
2084 Dec	0.0483	0.00000998	1.3	2.86	0.021	0.000549	5.46	0.00183	0.0503	0.000107	0.0000992	0.0000673	0.0875	0.00000202	0.000108	0.000322	0.0013	0.000012
2085 Jan	0.0484	0.00000998	1.3	2.88	0.0212	0.000549	5.48	0.00184	0.0502	0.000108	0.0001	0.0000677	0.0877	0.00000202	0.000108	0.000323	0.0013	0.0000122
2085 Feb	0.0484	0.00000998	1.3	2.89	0.0212	0.00055	5.49	0.00184	0.0502	0.000109	0.0001	0.0000678	0.0878	0.00000202	0.000108	0.000324	0.0013	0.0000122
2085 Mar	0.0484	0.00000999	1.3	2.89	0.0213	0.00055	5.49	0.00185	0.0502	0.000109	0.000101	0.0000679	0.0879	0.00000202	0.000108	0.000324	0.0013	0.0000123
2085 Apr	0.0486	0.00001	1.31	2.9	0.0214	0.000552	5.52	0.00185	0.0505	0.000109	0.000101	0.0000681	0.0883	0.00000203	0.000109	0.000326	0.00131	0.0000123
2085 May	0.0741	0.00001	1.72	4.29	0.0594	0.000457	7.13	0.0024	0.0506	0.000454	0.000187	0.000106	0.131	0.00000203	0.000117	0.000747	0.00157	0.000016
2085 Jun	0.0649	0.00001	1.72	4.92	0.0556	0.000454	7.65	0.00316	0.044	0.000399	0.000267	0.000119	0.126	0.00000205	0.000142	0.000768	0.00181	0.0000288
2085 Jul	0.0626	0.0000105	1.58	4.18	0.0464	0.000399	6.78	0.00272	0.0463	0.000338	0.000239	0.000104	0.112	0.00000214	0.000124	0.000656	0.0018	0.0000225
2085 Aug	0.0539	0.0000104	1.36	3.06	0.0314	0.000381	5.53	0.00201	0.0456	0.000221	0.000156	0.0000819	0.0921	0.0000021	0.0000969	0.000418	0.00154	0.0000132
2085 Sep	0.0484	0.00001	1.29	2.75	0.0226	0.000496	5.26	0.00176	0.048	0.000128	0.000101	0.0000694	0.0866	0.00000203	0.0000988	0.000312	0.00132	0.0000104
2085 Oct	0.0509	0.00000993	1.46	3.86	0.0299	0.00059	6.49	0.00252	0.0472	0.000169	0.000145	0.0000878	0.101	0.00000202	0.000132	0.000415	0.00137	0.0000208
2085 Nov	0.0529	0.00000992	1.59	4.7	0.0367	0.000633	7.42	0.00312	0.0453	0.000214	0.000187	0.000104	0.113	0.00000202	0.000155	0.000498	0.00144	0.000029
2085 Dec	0.053	0.00000992	1.6	4.76	0.0373	0.000635	7.48	0.00317	0.0451	0.000217	0.00019	0.000106	0.114	0.00000203	0.000156	0.000504	0.00145	0.0000295
2086 Jan	0.0531	0.00000993	1.61	4.78	0.0375	0.000636	7.51	0.00318	0.0451	0.000219	0.000191	0.000106	0.114	0.00000203	0.000157	0.000506	0.00145	0.0000297
2086 Feb	0.0531	0.00000993	1.61	4.79	0.0376	0.000636	7.52	0.00319	0.045	0.000219	0.000192	0.000106	0.114	0.00000203	0.000157	0.000507	0.00145	0.0000298
2086 Mar	0.0531	0.00000993	1.61	4.8	0.0376	0.000636	7.53	0.0032	0.045	0.00022	0.000192	0.000106	0.114	0.00000203	0.000157	0.000508	0.00145	0.0000299
2086 Apr	0.0534	0.00000999	1.62	4.82	0.0379	0.00064	7.57	0.00321	0.0453	0.000221	0.000193	0.000107	0.115	0.00000204	0.000158	0.000511	0.00146	0.0000301
2086 May	0.0641	0.0000101	1.74	4.98	0.0507	0.000584	7.8	0.00313	0.0474	0.000346	0.000208	0.000115	0.128	0.00000206	0.00015	0.000653	0.00155	0.000027
2086 Jun	0.0552	0.0000099	1.61	4.8	0.045	0.000481	7.33	0.00329	0.0413	0.000295	0.00027	0.000114	0.113	0.00000203	0.00015	0.000665	0.00179	0.0000318
2086 Jul	0.0527	0.0000105	1.44	3.79	0.0343	0.000395	6.16	0.00268	0.0446	0.000225	0.000247	0.0000944	0.0959	0.00000215	0.000125	0.000566	0.00187	0.0000233
2086 Aug	0.0493	0.0000106	1.3	2.92	0.0252	0.000377	5.27	0.00205	0.0454	0.000163	0.000169	0.0000779	0.0841	0.00000214	0.0001	0.000382	0.00162	0.0000144
2086 Sep	0.0446	0.0000102	1.22	2.35	0.0178	0.000461	4.77	0.00156	0.0468	0.0000897	0.000092	0.0000641	0.0785	0.00000205	0.0000886	0.000252	0.00133	0.0000078
2086 Oct	0.0464	0.0000101	1.26	2.59	0.0188	0.000514	5.07	0.00168	0.0489	0.000093	0.0000906	0.000065	0.0829	0.00000204	0.0000985	0.000277	0.0013	0.00000931
2086 Nov	0.0466	0.0000101	1.26	2.61	0.019	0.000517	5.1	0.00169	0.0491	0.0000938	0.0000913	0.0000654	0.0833	0.00000204	0.0000992	0.000279	0.00131	0.00000943
2086 Dec	0.0466	0.0000102	1.26	2.61	0.019	0.000517	5.1	0.00169	0.0491	0.0000939	0.0000913	0.0000654	0.0834	0.00000205	0.0000992	0.000279	0.00131	0.00000943
2087 Jan	0.0466	0.0000102	1.26	2.61	0.019	0.000517	5.1	0.00169	0.0491	0.0000939	0.0000913	0.0000654	0.0834	0.00000205	0.0000992	0.000279	0.00131	0.00000943
2087 Feb	0.0466	0.0000102	1.26	2.61	0.019	0.000517	5.1	0.00169	0.0491	0.0000939	0.0000913	0.0000654	0.0834	0.00000205	0.0000993	0.000279	0.00131	0.00000944
2087 Mar	0.0467	0.0000102	1.27	2.61	0.019	0.000518	5.11	0.00169	0.0492	0.000094	0.0000915	0.0000655	0.0835	0.00000205	0.0000994	0.000279	0.00131	0.00000945
2087 Apr	0.0468	0.0000102	1.27	2.62	0.0191	0.000519	5.12	0.0017	0.0494	0.0000943	0.0000917	0.0000657	0.0838	0.00000205	0.0000997	0.00028	0.00131	0.00000948
2087 May	0.0578	0.0000102	1.5	3.58	0.0371	0.000511	6.23	0.0022	0.0489	0.000248	0.000145	0.0000884	0.106	0.00000206	0.000115	0.000486	0.00144	0.000015
2087 Jun	0.0601	0.00000999	1.59	4.37	0.0484	0.000411	6.8	0.00288	0.0437	0.000342	0.000263	0.000108	0.113	0.00000204	0.000133	0.000715	0.00185	0.0000249
2087 Jul	0.0556	0.0000103	1.36	3.26	0.0349	0.000324	5.48	0.0022	0.0456	0.000253	0.000217	0.000085	0.092	0.00000209	0.000104	0.000548	0.00178	0.0000158
2087 Aug	0.0556	0.0000108	1.34	3	0.0311	0.00033	5.31	0.00203	0.0475	0.000226	0.00019	0.0000805	0.0891	0.00000217	0.0000979	0.000471	0.00173	0.000013
2087 Sep	0.0538	0.0000107	1.31	2.74	0.0261	0.000394	5.12	0.0018	0.0501	0.000177	0.00015	0.0000723	0.0865	0.00000216	0.0000955	0.000404	0.0016	0.00000995
2087 Oct	0.0515	0.0000105	1.25	2.45	0.0211	0.000448	4.85	0.00156	0.052	0.000129	0.000111	0.0000623	0.0825	0.0000021	0.0000925	0.00034	0.00144	0.00000694
2087 Nov	0.0507	0.0000104	1.23	2.35	0.0193	0.000466	4.76	0.00147	0.0527	0.000113	0.0000973	0.0000589	0.0811	0.00000208	0.0000915	0.000318	0.00139	0.00000591
2087 Dec	0.0507	0.0000104	1.23	2.35	0.0193	0.000466	4.77	0.00147	0.0527	0.000113	0.0000973	0.0000589	0.0811	0.00000209	0.0000915	0.000319	0.00139	0.00000592
2088 Jan	0.0507	0.0000104	1.23	2.35	0.0193	0.000467	4.77	0.00147	0.0527	0.000113	0.0000973	0.0000589	0.0811	0.00000209	0.0000915	0.000319	0.00139	0.00000592
2088 Feb	0.0507	0.0000104	1.23	2.35	0.0193	0.000467	4.77	0.00147	0.0527	0.000113	0.0000973	0.000059	0.0812	0.00000209	0.0000916	0.000319	0.00139	0.00000592
2088 Mar	0.0508	0.0000104	1.23	2.36	0.0194	0.000467	4.77	0.00147	0.0528	0.000113	0.0000975	0.000059	0.0813	0.00000209	0.0000917	0.000319	0.00139	0.00000592
2088 Apr	0.0514	0.0000105	1.24	2.38	0.0196	0.000472	4.83	0.00149	0.0534	0.000115	0.0000986	0.0000597	0.0822	0.00000211	0.0000927	0.000323	0.00141	0.00000599
2088 May	0.0567	0.0000107	1.33	2.6	0.0255	0.000477	5.16	0.00156	0.0551	0.000146	0.000105	0.0000635	0.0908	0.00000216	0.0000949	0.000384	0.00145	0.00000593
2088 Jun	0.0514	0.00001	1.37	3.54	0.0348	0.000367	5.62	0.00246	0.0435	0.000228	0.000245	0.0000886	0.0924	0.00000203	0.000116	0.000595	0.00185	0.0000194
2088 Jul	0.0506	0.0000106	1.33	3.28	0.031	0.000332	5.3	0.00237	0.0453	0.000202	0.000258	0.0000847	0.0865	0.00000214	0.000111	0.000587	0.00201	0.0000178
2088 Aug	0.0524	0.0000112	1.38	3.25	0.0301	0.00036	5.44	0.00233	0.0481	0.000193	0.000244	0.0000856	0.0892	0.00000226	0.000112	0.000555	0.00202	0.0000165
2088 Sep	0.0513	0.0000112	1.35	3	0.0267	0.000397	5.28	0.00212	0.0494	0.000163	0.000206	0.0000796	0.0872	0.00000225	0.000107	0.000485	0.00188	0.0000136
2088 Oct	0.0477	0.0000103	1.2	2.26	0.0163	0.000494	4.61	0.00144	0.0529	0.0000775	0.0000955	0.0000553	0.078	0.00000206	0.0000931	0.00031	0.0014	0.00000557

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.0474	0.0000102	1.18	2.15	0.0147	0.000513	4.52	0.00133	0.0538	0.0000637	0.0000777	0.0000515	0.0769	0.00000204	0.0000913	0.000283	0.00132	0.00000426
2088 Dec	0.0474	0.0000102	1.18	2.15	0.0147	0.000513	4.53	0.00133	0.0538	0.0000637	0.0000777	0.0000516	0.0769	0.00000204	0.0000913	0.000283	0.00132	0.00000426
2089 Jan	0.0474	0.0000102	1.18	2.15	0.0147	0.000513	4.53	0.00133	0.0538	0.0000637	0.0000778	0.0000516	0.0769	0.00000204	0.0000914	0.000283	0.00132	0.00000426
2089 Feb	0.0474	0.0000102	1.18	2.15	0.0147	0.000513	4.53	0.00133	0.0538	0.0000637	0.0000778	0.0000516	0.0769	0.00000204	0.0000914	0.000283	0.00133	0.00000426
2089 Mar	0.0475	0.0000102	1.18	2.16	0.0147	0.000514	4.54	0.00133	0.0539	0.0000638	0.0000779	0.0000517	0.0771	0.00000204	0.0000915	0.000284	0.00133	0.00000427
2089 Apr	0.0478	0.0000102	1.19	2.17	0.0148	0.000517	4.57	0.00134	0.0543	0.0000643	0.0000785	0.000052	0.0776	0.00000206	0.0000922	0.000286	0.00134	0.0000043
2089 May	0.0628	0.0000103	1.53	3.57	0.0406	0.000504	6.15	0.0021	0.0523	0.000282	0.000151	0.0000865	0.11	0.00000207	0.000114	0.000559	0.00151	0.0000124
2089 Jun	0.0688	0.0000102	1.72	4.71	0.0585	0.000416	7.16	0.00295	0.0462	0.000433	0.000268	0.000117	0.127	0.00000208	0.000135	0.000811	0.00187	0.0000229
2089 Jul	0.0623	0.0000105	1.47	3.57	0.0427	0.000337	5.85	0.00229	0.0474	0.000323	0.000218	0.0000928	0.103	0.00000212	0.000107	0.000613	0.00178	0.000015
2089 Aug	0.059	0.0000108	1.35	2.95	0.033	0.000318	5.25	0.00192	0.0485	0.000254	0.00017	0.0000799	0.0915	0.00000217	0.0000923	0.000454	0.00164	0.0000104
2089 Sep	0.0551	0.0000106	1.31	2.7	0.0268	0.000397	5.06	0.00172	0.0503	0.000189	0.00013	0.0000711	0.0876	0.00000213	0.0000921	0.000378	0.00149	0.00000811
2089 Oct	0.052	0.0000101	1.43	3.62	0.0282	0.000582	6.06	0.00234	0.0495	0.00016	0.000134	0.0000823	0.0989	0.00000203	0.000128	0.000401	0.00136	0.0000167
2089 Nov	0.0525	0.0000101	1.48	3.88	0.0299	0.000605	6.34	0.00252	0.0492	0.00017	0.000144	0.0000873	0.103	0.00000204	0.000136	0.000422	0.00137	0.0000189
2089 Dec	0.0525	0.0000101	1.48	3.9	0.0301	0.000607	6.36	0.00254	0.0492	0.000171	0.000145	0.0000877	0.103	0.00000204	0.000136	0.000424	0.00138	0.0000191
2090 Jan	0.0526	0.0000101	1.48	3.91	0.0301	0.000607	6.37	0.00254	0.0492	0.000171	0.000145	0.0000878	0.103	0.00000204	0.000137	0.000424	0.00138	0.0000191
2090 Feb	0.0526	0.0000101	1.48	3.91	0.0302	0.000607	6.37	0.00254	0.0492	0.000171	0.000146	0.0000879	0.103	0.00000204	0.000137	0.000424	0.00138	0.0000192
2090 Mar	0.0526	0.0000101	1.48	3.91	0.0302	0.000608	6.38	0.00255	0.0493	0.000171	0.000146	0.000088	0.103	0.00000204	0.000137	0.000425	0.00138	0.0000192
2090 Apr	0.0529	0.0000102	1.49	3.93	0.0303	0.00061	6.41	0.00256	0.0495	0.000172	0.000146	0.0000883	0.104	0.00000205	0.000137	0.000427	0.00139	0.0000193
2090 May	0.0575	0.0000103	1.56	4.14	0.0365	0.000599	6.66	0.00263	0.0503	0.000227	0.000159	0.0000944	0.111	0.00000208	0.000138	0.000495	0.00144	0.0000193
2090 Jun	0.0542	0.0000101	1.59	4.77	0.0432	0.000481	6.81	0.0033	0.042	0.000278	0.000277	0.000112	0.111	0.00000205	0.000152	0.00066	0.00185	0.0000282
2090 Jul	0.0517	0.0000106	1.38	3.56	0.0326	0.000366	5.51	0.00253	0.045	0.000213	0.00025	0.0000896	0.091	0.00000213	0.000119	0.000567	0.00192	0.0000186
2090 Aug	0.0471	0.0000103	1.43	3.56	0.0288	0.000514	5.9	0.00243	0.0426	0.000163	0.00015	0.0000911	0.096	0.00000206	0.00012	0.00036	0.00143	0.0000176
2090 Sep	0.0506	0.0000102	1.56	4.27	0.0337	0.000607	6.68	0.00286	0.0446	0.000191	0.000167	0.000101	0.108	0.00000205	0.000144	0.000433	0.00142	0.0000228
2090 Oct	0.0544	0.0000101	1.66	4.88	0.0384	0.000666	7.32	0.00324	0.0465	0.000222	0.000191	0.000108	0.117	0.00000204	0.000165	0.000514	0.00145	0.0000276
2090 Nov	0.0547	0.0000101	1.68	5.01	0.0396	0.00067	7.46	0.00334	0.046	0.000231	0.000198	0.000111	0.119	0.00000204	0.000169	0.000529	0.00146	0.0000289
2090 Dec	0.0549	0.0000101	1.69	5.06	0.0401	0.000672	7.51	0.00337	0.0459	0.000234	0.000201	0.000113	0.12	0.00000204	0.00017	0.000534	0.00147	0.0000293
2091 Jan	0.055	0.0000101	1.7	5.09	0.0403	0.000673	7.53	0.00339	0.0458	0.000236	0.000202	0.000113	0.12	0.00000204	0.000171	0.000536	0.00147	0.0000295
2091 Feb	0.055	0.0000101	1.7	5.1	0.0404	0.000673	7.54	0.0034	0.0458	0.000236	0.000203	0.000113	0.12	0.00000204	0.000171	0.000537	0.00147	0.0000296
2091 Mar	0.0551	0.0000101	1.7	5.11	0.0405	0.000675	7.56	0.0034	0.0459	0.000237	0.000203	0.000114	0.121	0.00000205	0.000172	0.000539	0.00147	0.0000297
2091 Apr	0.0556	0.0000102	1.72	5.15	0.0408	0.00068	7.62	0.00343	0.0463	0.000239	0.000205	0.000114	0.122	0.00000207	0.000173	0.000543	0.00149	0.0000299
2091 May	0.0638	0.0000104	1.82	5.36	0.0512	0.000641	7.92	0.00343	0.0476	0.000337	0.000221	0.000122	0.133	0.00000209	0.000169	0.000658	0.00157	0.0000287
2091 Jun	0.0575	0.0000101	1.66	4.82	0.047	0.000485	7.05	0.00328	0.0427	0.000313	0.000274	0.000116	0.117	0.00000206	0.000155	0.000689	0.00183	0.0000285
2091 Jul	0.0565	0.0000108	1.56	4.18	0.0403	0.000425	6.36	0.00291	0.046	0.000267	0.000271	0.000104	0.106	0.00000219	0.000138	0.00065	0.00197	0.0000232
2091 Aug	0.0476	0.0000104	1.33	2.94	0.0259	0.000428	5.21	0.00202	0.0445	0.000155	0.000153	0.00008	0.0872	0.0000021	0.000102	0.000369	0.00155	0.0000125
2091 Sep	0.0448	0.0000102	1.31	2.75	0.0217	0.0005	5.14	0.00184	0.0452	0.000111	0.000105	0.0000743	0.086	0.00000205	0.0001	0.000281	0.00135	0.0000104
2091 Oct	0.0502	0.0000101	1.5	3.88	0.0303	0.000598	6.28	0.00257	0.0465	0.000168	0.000147	0.0000913	0.103	0.00000203	0.000137	0.000406	0.00138	0.0000193
2091 Nov	0.0545	0.0000101	1.68	4.95	0.0393	0.000668	7.37	0.0033	0.0459	0.000229	0.000195	0.000111	0.119	0.00000204	0.000169	0.000521	0.00146	0.0000281
2091 Dec	0.0546	0.0000101	1.69	4.96	0.0394	0.000669	7.38	0.0033	0.046	0.000229	0.000196	0.000111	0.119	0.00000205	0.000169	0.000522	0.00146	0.0000282
2092 Jan	0.0547	0.0000101	1.69	4.99	0.0397	0.00067	7.41	0.00332	0.0459	0.000231	0.000197	0.000112	0.119	0.00000205	0.00017	0.000525	0.00146	0.0000285
2092 Feb	0.0547	0.0000101	1.69	5	0.0398	0.000671	7.42	0.00333	0.0459	0.000232	0.000198	0.000112	0.12	0.00000205	0.00017	0.000526	0.00146	0.0000286
2092 Mar	0.0548	0.0000102	1.7	5.01	0.0399	0.000672	7.44	0.00334	0.046	0.000232	0.000198	0.000112	0.12	0.00000205	0.000171	0.000527	0.00147	0.0000286
2092 Apr	0.0552	0.0000102	1.71	5.05	0.0401	0.000677	7.49	0.00336	0.0463	0.000234	0.0002	0.000113	0.121	0.00000207	0.000172	0.000531	0.00148	0.0000288
2092 May	0.0645	0.0000104	1.83	5.31	0.0521	0.000632	7.83	0.00338	0.0476	0.000347	0.00022	0.000122	0.134	0.00000209	0.000168	0.000664	0.00157	0.0000276
2092 Jun	0.0565	0.00001	1.69	4.96	0.0471	0.00051	7.17	0.00339	0.0417	0.000308	0.000273	0.000119	0.118	0.00000204	0.000163	0.000677	0.00178	0.0000301
2092 Jul	0.0512	0.0000104	1.38	3.41	0.032	0.00036	5.4	0.00243	0.0444	0.000211	0.000241	0.0000879	0.0901	0.0000021	0.000119	0.000552	0.00187	0.0000181
2092 Aug	0.0512	0.0000108	1.38	3.2	0.0293	0.000383	5.35	0.00227	0.0463	0.000188	0.000212	0.0000851	0.0894	0.00000218	0.000113	0.000486	0.00181	0.0000155
2092 Sep	0.0476	0.0000106	1.29	2.68	0.0227	0.000428	4.93	0.00185	0.0472	0.000131	0.000147	0.000073	0.0833	0.00000213	0.0000994	0.000363	0.00158	0.0000103
2092 Oct	0.0474	0.0000103	1.26	2.52	0.0197	0.000477	4.83	0.00166	0.0497	0.000103	0.000114	0.0000651	0.0819	0.00000208	0.0000984	0.000322	0.00144	0.00000812
2092 Nov	0.0477	0.0000103	1.27	2.58	0.0198	0.000492	4.9	0.00169	0.0501	0.000103	0.000111	0.0000654	0.0829	0.00000207	0.000101	0.000322	0.00142	0.00000837
2092 Dec	0.0478	0.0000103	1.27	2.58	0.0199	0.000493	4.91	0.00169	0.0501	0.000103	0.000111	0.0000655	0.0831	0.00000207	0.000101	0.000323	0.00142	0.00000842
2093 Jan	0.0478	0.0000103	1.27	2.59	0.0199	0.000493	4.92	0.0017	0.0501	0.000104	0.000112	0.0000657	0.0832	0.00000207	0.000101	0.000323	0.00142	0.00000847
2093 Feb	0.0478	0.0000103	1.27	2.59	0.0199	0.000494	4.92	0.0017	0.0501	0.000104	0.000112	0.0000657	0.0832	0.00000207	0.000101	0.000324	0.00142	0.00000848
2093 Mar	0.048	0.0000104	1.28	2.6	0.02	0.000495	4.94	0.0017	0.0503	0.000104	0.000112	0.0000659	0.0835	0.00000208	0.000101	0.000325	0.00142	0.00000851
2093 Apr	0.0483	0.0000104	1.29	2.62	0.0201	0.000499	4.97	0.00172	0.0507	0.000105	0.000113	0.0000664	0.0841	0.0000021	0.000102	0.000327	0.00143	0.00000858
2093 May	0.0628	0.0000105	1.53	3.41	0.0408	0.000469	5.89	0.00201	0.0517	0.00029	0.000153	0.0000871	0.109	0.0000021	0.000109	0.000551	0.00155	0.0000101
2093 Jun	0.0584	0.0000102	1.72	5.04	0.049	0.000511	7.13	0.00342	0.0425	0.000325	0.000277	0.000121	0.121	0.00000205	0.000164	0.0007	0.00181	0.0000288
2093 Jul	0.0552	0.0000106	1.53	4.08	0.0381	0.000428	6.12	0.00284	0.045	0.000253	0.000249	0.000101	0.103	0.00000214	0.000138	0.000588	0.00184	0.0000217
2093 Aug	0.0543	0.0000109	1.45	3.56	0.0325	0.000411	5.71	0.00247	0.0467	0.000217	0.000207	0.0000916	0.0961	0.00000219	0.000122	0.000483	0.00174	0.000017
2093 Sep	0.0516	0.0000107	1.36	3.01	0.0255	0.000458	5.27	0.00202	0.0493	0.000156	0.00015	0.0000768	0.0894	0.00000214	0.00011	0.000388	0.00155	0.0000118
2093 Oct	0.0511	0.0000101	1.43	3.54	0.0269	0.000593	5.85	0.0023	0.0498	0.000147	0.00013	0.0000812	0.098	0.00000203	0.000131	0.000388	0.00135	0.0000153
2093 Nov	0.0535	0.0000102	1.61	4.45	0.0346	0.000658	6.76	0.00293	0.0481	0.000196	0.000168	0.0001	0.112	0.00000204	0.000158	0.000469	0.0014	0.0000226
2093 Dec	0.0538	0.0000102	1.62	4.53	0.0353	0.000661	6.83	0.00299	0.0479	0.0002	0.000172	0.000102	0.113	0.00000204	0.00016	0.000477	0.00141	0.0000233
2094 Jan	0.0539	0.0000102	1.63	4.56	0.0355	0.000662	6.85	0.00301	0.0478	0.000202	0.000173	0.000102	0.114	0.00000204	0.000161	0.000479	0.00141	0.0000235
2094 Feb	0.0539	0.0000102	1.63	4.56	0.0356	0.000663	6.86	0.00301	0.0478	0.000203	0.000173	0.000103	0.114	0.00000204	0.000161	0.00048	0.00141	0.0000235
2094 Mar	0.054	0.0000102	1.63	4.58	0.0357	0.000664	6.88	0.00302	0.0479	0.000203	0.000174	0.000103	0.114	0.00000205	0.000162	0.000482	0.00141	0.0000236
2094 Apr	0.0543	0.0000102	1.64	4.6	0.0359	0.000668	6.92	0.00304	0.0481	0.000204	0.000175	0.000103	0.115	0.00000206	0.000163	0.000484	0.00142	0.0000238
2094 May	0.0643	0.0000103	1.83	5.29	0.052	0.000635	7.65	0.00337	0.0475	0.000347	0.000218	0.000122	0.133	0.00000207	0.000171	0.00066	0.00155	0.0000263
2094 Jun	0.0695	0.0000104	1.83	5.11	0.0605	0.000472	7.29	0.00324	0.0462	0.000439	0.000277	0.000125	0.134	0.0000021	0.000154	0.00082	0.00186	0.0000239
2094 Jul	0.0685	0.0000111	1.74	4.57	0.0539	0.000428	6.78	0.00295	0.0494	0.000392	0.000272	0.000115	0.124	0.00000223	0.000141	0.00077	0.00198	0.0000201
2094 Aug	0.0704	0.0000118	1.78	4.54	0.0526	0.000448	6.91	0.00293	0.0524	0.000382	0.000265	0.000116	0.126	0.00000237	0.000141	0.000745	0.00203	0.0000192
2094 Sep	0.0612	0.0000111	1.54	3.51	0.0365	0.000493	5.92	0.00221	0.0537	0.000246	0.000173	0.0000883	0.106	0.00000223	0.00012	0.000534	0.00168	0.000012
2094 Oct	0.0533	0.0000104	1.34	2.8	0.0238	0.000541	5.19	0.00171	0.0541	0.000137	0.000102	0.0000666	0.0912	0.00000208	0.000107	0.000371	0.00138	0.00000737
2094 Nov	0.0511	0.0000101	1.39	3.26	0.0242	0.000608	5.55	0.00205	0.0521	0.000126	0.000105	0.0000733	0.095	0.00000201	0.000124	0.000359	0.00129	0.0000116
2094 Dec	0.0515	0.0000101	1.43	3.5	0.0261	0.000621	5.77	0.00222	0.0514	0.000138	0.000117	0.0000784	0.0984	0.00000202	0.000131	0.00038	0.0013	0.0000135
2095 Jan	0.0516	0.0000101	1.44	3.54	0.0265	0.000622	5.8	0.00225	0.0513	0.000141	0.000119	0.0000792	0.0989	0.00000202	0.000132	0.000383	0.00131	0.0000138
2095 Feb	0.0517	0.0000101	1.44	3.55	0.0266	0.000623	5.81	0.00226	0.0512	0.000141	0.000119	0.0000795	0.0991	0.00000202	0.000132	0.000384	0.00131	0.0000139
2095 Mar	0.0517	0.0000101	1.44	3.56	0.0266	0.000624	5.82	0.00226	0.0513	0.000142	0.00012	0.0000797	0.0993	0.00000202	0.000133	0.000385	0.00131	0.0000139

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0521	0.0000102	1.45	3.58	0.0268	0.000628	5.86	0.00228	0.0516	0.000142	0.00012	0.0000802	0.0999	0.00000203	0.000133	0.000387	0.00132	0.000014
2095 May	0.0721	0.0000102	1.78	4.65	0.0572	0.000541	7.03	0.0027	0.0512	0.000418	0.00019	0.000111	0.134	0.00000204	0.000139	0.000718	0.00154	0.0000162
2095 Jun	0.0819	0.0000106	1.97	5.42	0.0747	0.000458	7.7	0.00318	0.0494	0.000573	0.000275	0.000134	0.151	0.00000211	0.000148	0.000951	0.00186	0.0000202
2095 Jul	0.0788	0.0000111	1.85	4.82	0.0649	0.000422	7.13	0.00287	0.0515	0.000501	0.000253	0.000122	0.138	0.00000222	0.000135	0.000838	0.00187	0.0000168
2095 Aug	0.0612	0.0000106	1.47	3.25	0.0394	0.000386	5.52	0.00199	0.048	0.000295	0.000153	0.0000882	0.103	0.00000212	0.0000986	0.000486	0.00153	0.00000903
2095 Sep	0.0514	0.0000104	1.32	2.54	0.0266	0.000433	4.9	0.00157	0.0473	0.000174	0.000096	0.0000726	0.0889	0.00000208	0.0000854	0.000318	0.00136	0.00000514
2095 Oct	0.0506	0.0000104	1.29	2.41	0.0234	0.000461	4.79	0.00147	0.0492	0.000145	0.0000818	0.0000666	0.0862	0.00000207	0.0000858	0.000295	0.00131	0.00000418
2095 Nov	0.0489	0.0000101	1.22	2.19	0.0184	0.000501	4.58	0.00129	0.0517	0.0000997	0.0000596	0.0000567	0.0814	0.00000203	0.0000857	0.000259	0.00123	0.00000274
2095 Dec	0.049	0.0000101	1.23	2.28	0.0187	0.000512	4.66	0.00136	0.0518	0.0000999	0.0000625	0.0000579	0.0824	0.00000202	0.0000891	0.000265	0.00123	0.00000343
2096 Jan	0.0491	0.0000101	1.24	2.33	0.0191	0.000516	4.71	0.0014	0.0517	0.000103	0.0000652	0.0000591	0.0832	0.00000203	0.0000908	0.00027	0.00123	0.00000386
2096 Feb	0.0492	0.0000101	1.25	2.34	0.0192	0.000517	4.72	0.00141	0.0517	0.000103	0.0000657	0.0000593	0.0834	0.00000203	0.0000911	0.000271	0.00123	0.00000393
2096 Mar	0.0492	0.0000102	1.25	2.35	0.0192	0.000517	4.73	0.00141	0.0518	0.000103	0.0000658	0.0000594	0.0835	0.00000203	0.0000912	0.000271	0.00124	0.00000394
2096 Apr	0.0495	0.0000102	1.25	2.36	0.0193	0.00052	4.75	0.00142	0.0521	0.000104	0.0000661	0.0000597	0.084	0.00000204	0.0000918	0.000273	0.00124	0.00000396
2096 May	0.0624	0.0000103	1.49	3.24	0.0388	0.000497	5.66	0.00183	0.0525	0.000274	0.000117	0.0000818	0.108	0.00000206	0.000103	0.000494	0.00139	0.00000671
2096 Jun	0.0573	0.0000104	1.78	5.6	0.0496	0.000578	7.18	0.00384	0.0421	0.000314	0.000292	0.00013	0.125	0.00000206	0.000182	0.0007	0.00181	0.0000296
2096 Jul	0.055	0.0000109	1.59	4.51	0.0393	0.000476	6.19	0.00317	0.0454	0.000249	0.000273	0.000109	0.107	0.00000217	0.000153	0.000618	0.00192	0.0000225
2096 Aug	0.0553	0.0000114	1.59	4.26	0.0365	0.000489	6.13	0.00299	0.0476	0.000228	0.000248	0.000105	0.106	0.00000227	0.000146	0.000562	0.0019	0.00002
2096 Sep	0.0509	0.0000108	1.42	3.34	0.0263	0.000527	5.44	0.00224	0.0499	0.000146	0.000156	0.0000819	0.0941	0.00000215	0.000123	0.000406	0.00156	0.0000126
2096 Oct	0.0498	0.0000102	1.36	3.15	0.022	0.000609	5.37	0.002	0.0522	0.000107	0.000101	0.0000709	0.0923	0.00000202	0.000122	0.000336	0.00128	0.0000104
2096 Nov	0.0499	0.0000101	1.36	3.16	0.0218	0.000619	5.39	0.00199	0.0527	0.000104	0.0000969	0.0000704	0.0926	0.00000202	0.000123	0.000332	0.00127	0.0000103
2096 Dec	0.0501	0.0000102	1.37	3.2	0.0222	0.000621	5.42	0.00202	0.0526	0.000107	0.000099	0.0000713	0.0933	0.00000202	0.000124	0.000336	0.00127	0.0000106
2097 Jan	0.0501	0.0000102	1.37	3.22	0.0224	0.000622	5.44	0.00203	0.0525	0.000108	0.0001	0.0000717	0.0936	0.00000202	0.000125	0.000338	0.00127	0.0000107
2097 Feb	0.0501	0.0000102	1.38	3.23	0.0224	0.000622	5.45	0.00204	0.0525	0.000108	0.0001	0.0000719	0.0937	0.00000202	0.000125	0.000339	0.00127	0.0000108
2097 Mar	0.0502	0.0000102	1.38	3.23	0.0225	0.000623	5.46	0.00204	0.0526	0.000109	0.000101	0.0000721	0.0938	0.00000202	0.000125	0.000339	0.00128	0.0000108
2097 Apr	0.0506	0.0000103	1.39	3.26	0.0226	0.000628	5.5	0.00206	0.053	0.000109	0.000101	0.0000726	0.0945	0.00000204	0.000126	0.000342	0.00128	0.0000109
2097 May	0.0662	0.0000104	1.61	3.86	0.0444	0.000554	6.24	0.00222	0.054	0.000312	0.000144	0.0000919	0.118	0.00000207	0.000124	0.000581	0.00145	0.0000106
2097 Jun	0.0629	0.0000106	1.81	5.43	0.0543	0.000539	7.13	0.00361	0.0444	0.000367	0.000289	0.000128	0.129	0.00000209	0.000172	0.000756	0.00185	0.0000261
2097 Jul	0.0609	0.0000111	1.68	4.7	0.0456	0.000478	6.47	0.00319	0.0472	0.000308	0.000272	0.000114	0.116	0.0000022	0.000153	0.000674	0.00193	0.0000215
2097 Aug	0.0584	0.0000113	1.58	4.08	0.0387	0.000461	6.03	0.00277	0.0481	0.00026	0.000226	0.000103	0.107	0.00000224	0.000135	0.000556	0.00181	0.0000171
2097 Sep	0.056	0.0000112	1.51	3.67	0.0335	0.000482	5.75	0.00246	0.0494	0.000215	0.000189	0.0000931	0.102	0.00000223	0.000125	0.000481	0.0017	0.0000139
2097 Oct	0.0527	0.0000107	1.38	3.04	0.0255	0.000511	5.24	0.00197	0.0517	0.00015	0.000132	0.0000752	0.0922	0.00000214	0.000112	0.000385	0.00149	0.00000931
2097 Nov	0.051	0.0000105	1.31	2.73	0.0216	0.000524	4.98	0.00173	0.0526	0.000118	0.000105	0.0000664	0.0874	0.00000209	0.000105	0.000339	0.00139	0.00000708
2097 Dec	0.0506	0.0000104	1.29	2.66	0.0207	0.000527	4.92	0.00167	0.0529	0.000111	0.000099	0.0000644	0.0863	0.00000208	0.000104	0.000328	0.00137	0.00000655
2098 Jan	0.0506	0.0000104	1.29	2.66	0.0207	0.000527	4.92	0.00167	0.0529	0.000111	0.000099	0.0000644	0.0863	0.00000208	0.000104	0.000328	0.00137	0.00000656
2098 Feb	0.0506	0.0000104	1.29	2.66	0.0207	0.000527	4.93	0.00167	0.0529	0.000111	0.000099	0.0000644	0.0863	0.00000208	0.000104	0.000328	0.00137	0.00000656
2098 Mar	0.0506	0.0000104	1.3	2.67	0.0207	0.000527	4.93	0.00167	0.0529	0.000111	0.0000991	0.0000645	0.0864	0.00000208	0.000104	0.000328	0.00137	0.00000656
2098 Apr	0.0544	0.0000105	1.35	2.82	0.0255	0.000523	5.15	0.00171	0.0536	0.000133	0.000103	0.0000664	0.0925	0.00000209	0.000104	0.000375	0.00138	0.00000642
2098 May	0.0784	0.0000105	1.83	4.56	0.0631	0.000501	7.01	0.00252	0.0532	0.00042	0.000186	0.000106	0.14	0.00000208	0.000128	0.00077	0.00157	0.0000123
2098 Jun	0.0597	0.0000105	1.81	5.51	0.0516	0.000566	7.21	0.00374	0.0432	0.000336	0.000292	0.00013	0.128	0.00000208	0.000181	0.000724	0.00183	0.0000285
2098 Jul	0.059	0.0000112	1.71	4.87	0.0448	0.000508	6.65	0.00337	0.0466	0.000291	0.000285	0.000118	0.117	0.00000222	0.000164	0.000677	0.00196	0.0000242
2098 Aug	0.0508	0.0000108	1.46	3.5	0.0305	0.000473	5.53	0.00241	0.0457	0.000185	0.00018	0.0000914	0.0966	0.00000216	0.000122	0.00043	0.00163	0.0000142
2098 Sep	0.0482	0.0000102	1.39	3.22	0.0246	0.000564	5.39	0.00211	0.048	0.000128	0.000117	0.0000789	0.0933	0.00000204	0.00012	0.000337	0.00134	0.0000115
2098 Oct	0.0552	0.0000104	1.72	5.03	0.0393	0.000704	7	0.00334	0.0474	0.000223	0.00019	0.000112	0.121	0.00000205	0.000177	0.000513	0.00143	0.000024
2098 Nov	0.0576	0.0000105	1.86	5.76	0.0458	0.000743	7.64	0.00386	0.046	0.000267	0.000226	0.000128	0.132	0.00000207	0.000199	0.000584	0.0015	0.0000293
2098 Dec	0.0577	0.0000105	1.87	5.8	0.0461	0.000745	7.68	0.00388	0.046	0.000269	0.000228	0.000129	0.133	0.00000207	0.0002	0.000588	0.00151	0.0000296
2099 Jan	0.0577	0.0000105	1.87	5.81	0.0463	0.000746	7.69	0.0039	0.0459	0.00027	0.000229	0.000129	0.133	0.00000207	0.0002	0.00059	0.00151	0.0000297
2099 Feb	0.0578	0.0000105	1.87	5.82	0.0464	0.000746	7.7	0.0039	0.0459	0.000271	0.000229	0.00013	0.133	0.00000207	0.0002	0.000591	0.00151	0.0000298
2099 Mar	0.0579	0.0000105	1.88	5.84	0.0465	0.000748	7.72	0.00391	0.046	0.000271	0.00023	0.00013	0.133	0.00000208	0.000201	0.000592	0.00151	0.0000299
2099 Apr	0.0647	0.0000106	1.97	6	0.0544	0.000734	8.02	0.00389	0.0476	0.000306	0.000232	0.000131	0.143	0.0000021	0.000198	0.000669	0.00153	0.0000287
2099 May	0.0913	0.0000104	2.28	6.61	0.0905	0.000574	9	0.0038	0.049	0.000603	0.000278	0.00015	0.179	0.00000206	0.00018	0.00105	0.00169	0.0000253
2099 Jun	0.0696	0.0000104	1.86	5.25	0.0615	0.000494	7.21	0.00334	0.0459	0.000443	0.000279	0.000129	0.136	0.00000207	0.000162	0.000823	0.00184	0.000023
2099 Jul	0.0653	0.0000109	1.68	4.36	0.0493	0.000428	6.36	0.00285	0.0482	0.000356	0.000252	0.00011	0.118	0.00000218	0.000139	0.000694	0.00187	0.0000179
2099 Aug	0.0604	0.0000112	1.58	3.74	0.0403	0.000443	5.92	0.00245	0.0489	0.00028	0.0002	0.0000987	0.108	0.00000222	0.000123	0.000549	0.00174	0.0000136
2099 Sep	0.0503	0.0000105	1.33	2.66	0.0244	0.000481	4.96	0.00169	0.0492	0.000144	0.000107	0.0000713	0.0886	0.00000209	0.0000977	0.000336	0.0014	0.00000661
2099 Oct	0.0496	0.0000102	1.32	2.8	0.0217	0.000559	5.08	0.00175	0.0515	0.000113	0.0000901	0.0000672	0.0891	0.00000203	0.000109	0.000317	0.00128	0.00000758
2099 Nov	0.0522	0.0000102	1.5	3.8	0.0294	0.000632	5.95	0.00245	0.0499	0.00016	0.000133	0.000087	0.104	0.00000203	0.000141	0.000404	0.00133	0.0000149
2099 Dec	0.0527	0.0000102	1.53	3.95	0.0308	0.00064	6.08	0.00256	0.0496	0.000169	0.00014	0.0000903	0.106	0.00000203	0.000145	0.000418	0.00135	0.000016
2100 Jan	0.0528	0.0000102	1.54	3.99	0.0312	0.000642	6.12	0.00259	0.0495	0.000172	0.000142	0.0000913	0.107	0.00000203	0.000147	0.000423	0.00135	0.0000163
2100 Feb	0.0529	0.0000102	1.55	4.01	0.0314	0.000643	6.14	0.00261	0.0495	0.000173	0.000143	0.0000917	0.107	0.00000203	0.000147	0.000425	0.00135	0.0000165
2100 Mar	0.0529	0.0000102	1.55	4.02	0.0314	0.000644	6.15	0.00261	0.0495	0.000174	0.000144	0.0000919	0.107	0.00000204	0.000148	0.000425	0.00136	0.0000165
2100 Apr	0.0534	0.0000103	1.56	4.06	0.0317	0.000649	6.2	0.00264	0.0499	0.000175	0.000145	0.0000927	0.108	0.00000205	0.000149	0.000429	0.00137	0.0000167
2100 May	0.0815	0.0000103	1.92	4.99	0.0706	0.000499	7.37	0.00279	0.0517	0.000542	0.000215	0.000123	0.148	0.00000205	0.000139	0.000859	0.00162	0.0000148
2100 Jun	0.0601	0.0000104	1.89	5.75	0.0536	0.000605	7.5	0.00392	0.0424	0.000345	0.000292	0.000136	0.133	0.00000206	0.000195	0.000726	0.00178	0.0000306
2100 Jul	0.0553	0.0000106	1.62	4.5	0.0413	0.00048	6.22	0.00315	0.0443	0.000265	0.000269	0.000111	0.11	0.00000211	0.000157	0.000631	0.00186	0.0000226
2100 Aug	0.0479	0.0000103	1.39	3.24	0.0278	0.000455	5.22	0.00224	0.0436	0.000166	0.000161	0.0000858	0.0911	0.00000206	0.000116	0.000381	0.00151	0.0000131
2100 Sep	0.0457	0.0000103	1.36	2.98	0.024	0.000506	5.14	0.00202	0.0445	0.000127	0.000119	0.00008	0.0894	0.00000205	0.00011	0.000305	0.00137	0.0000107
2100 Oct	0.0466	0.0000103	1.36	2.96	0.0231	0.000531	5.16	0.00196	0.0466	0.000119	0.00011	0.0000768	0.0897	0.00000205	0.000112	0.000304	0.00134	0.0000101
2100 Nov	0.047	0.0000103	1.37	2.99	0.0232	0.000538	5.2	0.00198	0.0471	0.000119	0.00011	0.0000769	0.0903	0.00000205	0.000113	0.000307	0.00134	0.0000102
2100 Dec	0.047	0.0000103	1.37	2.99	0.0232	0.000539	5.2	0.00198	0.0471	0.000119	0.00011	0.0000769	0.0904	0.00000206	0.000113	0.000307	0.00134	0.0000102
2101 Jan	0.047	0.0000103	1.37	2.99	0.0232	0.000539	5.21	0.00198	0.0471	0.00012	0.00011	0.000077	0.0904	0.00000206	0.000113	0.000308	0.00134	0.0000102
2101 Feb	0.047	0.0000103	1.37	2.99	0.0232	0.000539	5.21	0.00198	0.0471	0.00012	0.00011	0.000077	0.0904	0.00000206	0.000113	0.000308	0.00134	0.0000102
2101 Mar	0.0471	0.0000103	1.37	2.99	0.0232	0.000539	5.21	0.00198	0.0472	0.00012	0.00011	0.000077	0.0905	0.00000206	0.000113	0.000308	0.00134	0.0000102
2101 Apr	0.0474	0.0000104	1.38	3.01	0.0235	0.000542	5.24	0.00199	0.0474	0.000121	0.000111	0.0000775	0.0911	0.00000207	0.000114	0.000311	0.00135	0.0000102
2101 May	0.0724	0.0000104	1.83	4.69	0.06	0.000518	7.02	0.00277	0.0491	0.000439	0.000201	0.000118	0.137	0.00000207	0.00014	0.000727	0.00158	0.0000158
2101 Jun	0.0632	0.0000105	1.9	5.58	0.0561	0.000574	7.42	0.00374	0.0438	0.000375	0.00029	0.000134	0.135	0.00000208	0.000187	0.000759	0.00182	0.0000283
2101 Jul	0.0624	0.0000112	1.85	5.27	0.051	0.000552	7.15	0.00361	0.0467	0.000334	0.000297	0.000128	0.128	0.00000223	0.000181	0.000734	0.00196	0.0000266
2101 Aug	0.0628	0.0000116	1.84	5.04	0.0481	0.000556	7.08	0.00345	0.0489	0.000313	0.000277	0.000125	0.126	0.00000232	0.000174	0.000685	0.00196	0.0000244

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.0533	0.0000109	1.52	3.53	0.0309	0.000542	5.76	0.00236	0.0495	0.000181	0.000162	0.0000899	0.102	0.00000218	0.00013	0.000439	0.00158	0.0000135
2101 Oct	0.0513	0.0000106	1.4	3.04	0.0248	0.000552	5.33	0.00197	0.0516	0.000135	0.000122	0.0000756	0.0938	0.00000212	0.000117	0.00037	0.00144	0.00000967
2101 Nov	0.049	0.0000102	1.28	2.54	0.0187	0.000556	4.87	0.00157	0.0532	0.000089	0.0000815	0.0000611	0.0852	0.00000205	0.000104	0.000299	0.00129	0.00000586
2101 Dec	0.0488	0.0000102	1.27	2.47	0.0177	0.000559	4.82	0.00152	0.0536	0.0000819	0.0000752	0.000059	0.0841	0.00000204	0.000103	0.000289	0.00127	0.0000053
2102 Jan	0.0489	0.0000102	1.28	2.51	0.0182	0.000562	4.86	0.00155	0.0535	0.0000848	0.0000774	0.00006	0.0848	0.00000204	0.000104	0.000293	0.00128	0.00000564
2102 Feb	0.049	0.0000102	1.28	2.53	0.0183	0.000563	4.87	0.00156	0.0534	0.0000859	0.0000783	0.0000604	0.0851	0.00000204	0.000105	0.000295	0.00128	0.00000577
2102 Mar	0.049	0.0000102	1.28	2.54	0.0184	0.000564	4.88	0.00157	0.0535	0.0000862	0.0000785	0.0000605	0.0852	0.00000204	0.000105	0.000296	0.00128	0.0000058
2102 Apr	0.0492	0.0000103	1.29	2.55	0.0184	0.000566	4.9	0.00157	0.0537	0.0000865	0.0000788	0.0000607	0.0855	0.00000205	0.000105	0.000297	0.00128	0.00000582
2102 May	0.0502	0.0000105	1.31	2.6	0.0189	0.000575	4.99	0.0016	0.0547	0.0000896	0.0000805	0.000062	0.0873	0.00000209	0.000107	0.000304	0.00131	0.00000592
2102 Jun	0.055	0.0000104	1.68	4.68	0.0419	0.000552	6.45	0.00323	0.0446	0.000258	0.000251	0.000113	0.115	0.00000207	0.000168	0.000615	0.00174	0.0000233
2102 Jul	0.0543	0.0000107	1.56	4.11	0.0375	0.000448	5.85	0.0029	0.0451	0.000242	0.000255	0.000103	0.104	0.00000214	0.000148	0.000585	0.00186	0.0000199
2102 Aug	0.0509	0.0000108	1.45	3.4	0.0299	0.000444	5.37	0.00238	0.0458	0.000184	0.000192	0.00009	0.0943	0.00000216	0.000124	0.000441	0.00168	0.0000142
2102 Sep	0.0474	0.0000106	1.33	2.76	0.0224	0.000475	4.93	0.00188	0.0474	0.000122	0.000128	0.0000747	0.0861	0.00000212	0.000106	0.000325	0.00148	0.00000892
2102 Oct	0.051	0.0000102	1.49	3.63	0.0283	0.000607	5.81	0.00239	0.049	0.000153	0.000136	0.0000862	0.101	0.00000204	0.00014	0.000393	0.00136	0.0000147
2102 Nov	0.0528	0.0000103	1.6	4.15	0.033	0.000643	6.29	0.00275	0.0483	0.000184	0.000159	0.0000972	0.11	0.00000205	0.000156	0.000443	0.0014	0.0000185
2102 Dec	0.053	0.0000103	1.61	4.19	0.0334	0.000645	6.34	0.00278	0.0483	0.000186	0.000161	0.0000982	0.11	0.00000205	0.000158	0.000448	0.0014	0.0000188
2103 Jan	0.0531	0.0000103	1.61	4.21	0.0336	0.000647	6.35	0.0028	0.0482	0.000188	0.000162	0.0000987	0.111	0.00000205	0.000159	0.00045	0.0014	0.000019
2103 Feb	0.0531	0.0000103	1.61	4.22	0.0336	0.000647	6.36	0.0028	0.0483	0.000188	0.000162	0.0000988	0.111	0.00000205	0.000159	0.00045	0.00141	0.000019
2103 Mar	0.0532	0.0000103	1.62	4.22	0.0337	0.000648	6.37	0.0028	0.0483	0.000188	0.000162	0.0000989	0.111	0.00000206	0.000159	0.000451	0.00141	0.000019
2103 Apr	0.0535	0.0000104	1.62	4.24	0.0339	0.000651	6.4	0.00282	0.0486	0.000189	0.000163	0.0000994	0.111	0.00000207	0.00016	0.000453	0.00141	0.0000191
2103 May	0.069	0.0000105	1.87	4.97	0.0559	0.000595	7.23	0.00306	0.0495	0.000391	0.000209	0.00012	0.136	0.00000208	0.000163	0.000697	0.00157	0.0000197
2103 Jun	0.0607	0.0000104	1.89	5.51	0.0535	0.000583	7.32	0.00376	0.043	0.000349	0.000291	0.000133	0.132	0.00000207	0.000193	0.000733	0.00181	0.0000289
2103 Jul	0.0568	0.0000107	1.7	4.63	0.0425	0.000509	6.47	0.00324	0.0446	0.000275	0.000261	0.000115	0.115	0.00000214	0.000167	0.000611	0.0018	0.0000236
2103 Aug	0.0527	0.0000106	1.53	3.83	0.0324	0.000498	5.9	0.00264	0.0443	0.000207	0.000167	0.0000979	0.102	0.00000211	0.000139	0.000385	0.00144	0.0000175
2103 Sep	0.0539	0.0000104	1.68	4.46	0.0364	0.000638	6.59	0.00301	0.0463	0.000212	0.000176	0.000107	0.115	0.00000207	0.000167	0.000458	0.00142	0.0000214
2103 Oct	0.056	0.0000103	1.8	5.04	0.041	0.000717	7.18	0.00338	0.0471	0.000235	0.000196	0.000116	0.125	0.00000205	0.000191	0.000529	0.00143	0.0000256
2103 Nov	0.0564	0.0000103	1.84	5.21	0.0427	0.000725	7.34	0.0035	0.0467	0.000245	0.000205	0.000121	0.128	0.00000206	0.000197	0.000547	0.00145	0.0000271
2103 Dec	0.0566	0.0000103	1.85	5.26	0.0431	0.000728	7.39	0.00354	0.0466	0.000249	0.000208	0.000122	0.129	0.00000206	0.000198	0.000552	0.00146	0.0000275
2104 Jan	0.0567	0.0000103	1.86	5.27	0.0433	0.000729	7.4	0.00355	0.0465	0.00025	0.000209	0.000122	0.129	0.00000206	0.000199	0.000553	0.00146	0.0000276
2104 Feb	0.0567	0.0000103	1.86	5.28	0.0434	0.000729	7.41	0.00356	0.0465	0.00025	0.000209	0.000122	0.129	0.00000206	0.000199	0.000554	0.00146	0.0000277
2104 Mar	0.0568	0.0000103	1.86	5.29	0.0434	0.00073	7.42	0.00356	0.0465	0.000251	0.00021	0.000122	0.129	0.00000206	0.000199	0.000555	0.00146	0.0000277
2104 Apr	0.0572	0.0000104	1.88	5.33	0.0438	0.000736	7.48	0.00359	0.0469	0.000253	0.000211	0.000123	0.13	0.00000208	0.000201	0.00056	0.00147	0.0000279
2104 May	0.0766	0.0000104	2.07	5.7	0.0693	0.000602	8.04	0.00348	0.0485	0.000502	0.000248	0.000139	0.155	0.00000208	0.000183	0.000841	0.00164	0.0000243
2104 Jun	0.0603	0.0000103	1.87	5.2	0.0524	0.000556	7.16	0.00356	0.043	0.000346	0.000283	0.000129	0.129	0.00000206	0.000188	0.000723	0.0018	0.0000279
2104 Jul	0.0562	0.0000107	1.59	3.98	0.0388	0.000439	5.92	0.00278	0.0454	0.00026	0.000241	0.000103	0.106	0.00000213	0.000147	0.000574	0.00179	0.0000193
2104 Aug	0.0513	0.0000106	1.42	3.16	0.0292	0.000425	5.25	0.00219	0.0456	0.000188	0.000171	0.0000862	0.0926	0.00000213	0.000118	0.000407	0.00159	0.0000128
2104 Sep	0.0467	0.0000103	1.34	2.77	0.0226	0.000498	5.01	0.00186	0.0463	0.000122	0.000111	0.0000749	0.0875	0.00000205	0.000109	0.0003	0.00136	0.00000935
2104 Oct	0.0532	0.0000102	1.66	4.29	0.0347	0.000663	6.52	0.00287	0.0477	0.000193	0.000164	0.000102	0.113	0.00000205	0.000168	0.000454	0.00139	0.0000205
2104 Nov	0.0556	0.0000103	1.82	4.99	0.0411	0.00071	7.19	0.00337	0.0466	0.000235	0.000198	0.000118	0.125	0.00000206	0.000192	0.000525	0.00144	0.000026
2104 Dec	0.0557	0.0000103	1.83	5.01	0.0414	0.000712	7.22	0.00339	0.0466	0.000237	0.000199	0.000118	0.126	0.00000206	0.000193	0.000528	0.00145	0.0000263
2105 Jan	0.0558	0.0000103	1.83	5.03	0.0415	0.000712	7.23	0.0034	0.0465	0.000238	0.0002	0.000119	0.126	0.00000206	0.000194	0.00053	0.00145	0.0000264
2105 Feb	0.0558	0.0000103	1.83	5.04	0.0416	0.000713	7.24	0.00341	0.0465	0.000239	0.000201	0.000119	0.126	0.00000207	0.000194	0.000531	0.00145	0.0000264
2105 Mar	0.0558	0.0000103	1.83	5.04	0.0416	0.000713	7.24	0.00341	0.0465	0.000239	0.000201	0.000119	0.126	0.00000207	0.000194	0.000531	0.00145	0.0000265
2105 Apr	0.0561	0.0000104	1.84	5.06	0.0418	0.000716	7.28	0.00342	0.0467	0.00024	0.000202	0.000119	0.127	0.00000208	0.000195	0.000533	0.00146	0.0000266
2105 May	0.0774	0.0000103	2.06	5.53	0.0699	0.00058	7.94	0.00335	0.0486	0.000512	0.000243	0.000137	0.154	0.00000207	0.000177	0.000845	0.00164	0.0000229
2105 Jun	0.0712	0.0000105	1.99	5.4	0.0644	0.000533	7.55	0.00347	0.046	0.000461	0.000282	0.000136	0.144	0.00000209	0.000181	0.000838	0.00182	0.0000251
2105 Jul	0.0652	0.0000107	1.7	4.23	0.0491	0.000433	6.34	0.00275	0.0472	0.000358	0.000233	0.00011	0.119	0.00000213	0.000144	0.000654	0.00174	0.0000177
2105 Aug	0.0505	0.0000102	1.38	2.95	0.0284	0.00043	5.12	0.00197	0.0443	0.000187	0.00013	0.0000819	0.0914	0.00000205	0.000107	0.000341	0.00139	0.0000103
2105 Sep	0.0543	0.0000103	1.79	4.82	0.0397	0.000694	7	0.00327	0.0458	0.000226	0.000189	0.000115	0.122	0.00000206	0.000186	0.000496	0.00142	0.0000246
2105 Oct	0.0556	0.0000103	1.86	5.17	0.0422	0.000731	7.31	0.00351	0.0461	0.00024	0.000204	0.000121	0.128	0.00000205	0.000201	0.000535	0.00143	0.0000273
2105 Nov	0.0561	0.0000103	1.89	5.34	0.0436	0.000742	7.46	0.00363	0.0458	0.000249	0.000213	0.000125	0.131	0.00000205	0.000207	0.000551	0.00145	0.0000286
2105 Dec	0.0563	0.0000103	1.91	5.39	0.0442	0.000745	7.51	0.00367	0.0457	0.000252	0.000216	0.000126	0.131	0.00000206	0.000209	0.000557	0.00145	0.000029
2106 Jan	0.0563	0.0000103	1.91	5.41	0.0444	0.000746	7.53	0.00369	0.0456	0.000254	0.000217	0.000127	0.132	0.00000206	0.00021	0.000559	0.00146	0.0000292
2106 Feb	0.0564	0.0000103	1.91	5.42	0.0445	0.000747	7.54	0.0037	0.0456	0.000254	0.000217	0.000127	0.132	0.00000206	0.00021	0.00056	0.00146	0.0000293
2106 Mar	0.0564	0.0000103	1.92	5.43	0.0445	0.000748	7.55	0.0037	0.0456	0.000255	0.000218	0.000127	0.132	0.00000206	0.000211	0.000561	0.00146	0.0000293
2106 Apr	0.0567	0.0000104	1.93	5.46	0.0448	0.000752	7.6	0.00372	0.0459	0.000256	0.000219	0.000128	0.133	0.00000207	0.000212	0.000564	0.00147	0.0000295
2106 May	0.0684	0.0000105	2.01	5.52	0.0584	0.00067	7.8	0.00353	0.0481	0.000393	0.000231	0.000133	0.145	0.00000209	0.000195	0.000717	0.00156	0.0000257
2106 Jun	0.0576	0.0000103	1.85	5.07	0.049	0.000561	6.97	0.00354	0.0426	0.000313	0.000284	0.000127	0.126	0.00000207	0.000192	0.000692	0.00181	0.000028
2106 Jul	0.053	0.0000107	1.52	3.65	0.0338	0.000418	5.53	0.00264	0.0454	0.000218	0.000241	0.0000966	0.0979	0.00000215	0.000143	0.00054	0.00184	0.000018
2106 Aug	0.0478	0.0000104	1.35	2.9	0.0245	0.000428	4.99	0.00204	0.044	0.000151	0.000142	0.0000805	0.0867	0.00000207	0.000114	0.000318	0.00144	0.0000117
2106 Sep	0.0509	0.0000102	1.69	4.28	0.0346	0.000656	6.51	0.00293	0.0449	0.000189	0.000166	0.000106	0.114	0.00000205	0.000171	0.000427	0.00138	0.0000215
2106 Oct	0.0529	0.0000102	1.73	4.49	0.0358	0.000695	6.73	0.00304	0.047	0.000195	0.000171	0.000108	0.117	0.00000205	0.000181	0.000458	0.00138	0.0000226
2106 Nov	0.0531	0.0000103	1.74	4.51	0.036	0.000698	6.76	0.00306	0.0472	0.000196	0.000172	0.000108	0.118	0.00000206	0.000182	0.00046	0.00138	0.0000228
2106 Dec	0.0531	0.0000103	1.74	4.52	0.036	0.000699	6.76	0.00306	0.0472	0.000196	0.000172	0.000108	0.118	0.00000206	0.000182	0.000461	0.00138	0.0000228
2107 Jan	0.0531	0.0000103	1.74	4.52	0.036	0.000699	6.76	0.00306	0.0472	0.000197	0.000172	0.000108	0.118	0.00000206	0.000182	0.000461	0.00138	0.0000228
2107 Feb	0.0532	0.0000103	1.74	4.52	0.036	0.000699	6.77	0.00306	0.0472	0.000197	0.000172	0.000108	0.118	0.00000206	0.000182	0.000461	0.00138	0.0000228
2107 Mar	0.0532	0.0000103	1.75	4.53	0.0361	0.0007	6.78	0.00307	0.0473	0.000197	0.000172	0.000108	0.118	0.00000206	0.000183	0.000462	0.00138	0.0000228
2107 Apr	0.0534	0.0000103	1.75	4.54	0.0362	0.000702	6.8	0.00308	0.0474	0.000198	0.000173	0.000109	0.119	0.00000207	0.000183	0.000463	0.00139	0.0000229
2107 May	0.0633	0.0000104	1.93	5.12	0.0513	0.000669	7.44	0.00334	0.0473	0.000333	0.000211	0.000125	0.136	0.00000208	0.000191	0.000631	0.0015	0.0000247
2107 Jun	0.0657	0.0000103	1.83	4.7	0.0561	0.000473	6.75	0.00309	0.0454	0.000398	0.000274	0.000122	0.129	0.00000207	0.000166	0.000774	0.00185	0.0000217
2107 Jul	0.0571	0.0000104	1.41	3.11	0.0352	0.000335	5.09	0.00209	0.0461	0.00026	0.000196	0.0000855	0.0941	0.00000208	0.000112	0.000505	0.00167	0.0000114
2107 Aug	0.055	0.0000107	1.34	2.71	0.0287	0.000335	4.81	0.00182	0.0474	0.000212	0.000157	0.000077	0.0872	0.00000214	0.0000986	0.000394	0.00158	0.00000833
2107 Sep	0.0518	0.0000105	1.27	2.38	0.0219	0.000421	4.64	0.00153	0.0505	0.000142	0.000108	0.0000647	0.0827	0.0000021	0.0000935	0.000317	0.00141	0.00000533
2107 Oct	0.0501	0.0000103	1.26	2.39	0.0192	0.000496	4.7	0.0015	0.0521	0.000108	0.0000857	0.0000606	0.0829	0.00000205	0.0000995	0.000292	0.0013	0.00000525
2107 Nov	0.0502	0.0000102	1.31	2.6	0.0203	0.00053	4.91	0.00164	0.0521	0.00011	0.0000897	0.0000642	0.0863	0.00000204	0.000109	0.000303	0.00129	0.00000687
2107 Dec	0.0503	0.0000102	1.32	2.64	0.0207	0.000533	4.95	0.00168	0.052	0.000112	0.0000919	0.0000653	0.0871	0.00000204	0.00011	0.000308	0.00129	0.00000724
2108 Jan	0.0503	0.0000102	1.32	2.66	0.0208	0.000534	4.97	0.00169	0.0519	0.000113	0.0000927	0.0000657	0.0874	0.00000204	0.000111	0.000309	0.0013	0.00000737

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0504	0.0000102	1.32	2.67	0.0209	0.000535	4.97	0.00169	0.0519	0.000114	0.0000931	0.0000659	0.0875	0.00000204	0.000111	0.00031	0.0013	0.00000743
2108 Mar	0.0504	0.0000102	1.32	2.67	0.0209	0.000536	4.98	0.0017	0.052	0.000114	0.0000933	0.000066	0.0876	0.00000205	0.000112	0.000311	0.0013	0.00000746
2108 Apr	0.0513	0.0000104	1.34	2.71	0.0215	0.000541	5.06	0.00172	0.0526	0.000117	0.0000946	0.0000669	0.0891	0.00000207	0.000113	0.000318	0.00131	0.00000753
2108 May	0.0577	0.0000106	1.44	2.96	0.029	0.000537	5.42	0.00178	0.0544	0.000167	0.000104	0.000072	0.099	0.00000211	0.000114	0.000397	0.00137	0.00000728
2108 Jun	0.0548	0.0000103	1.67	4.29	0.0425	0.000478	6.06	0.00302	0.0434	0.000273	0.000268	0.000111	0.111	0.00000205	0.000165	0.000648	0.00184	0.0000217
2108 Jul	0.053	0.0000109	1.55	3.74	0.0355	0.000419	5.49	0.00273	0.0459	0.000224	0.00027	0.0000995	0.0996	0.00000217	0.000149	0.000609	0.00199	0.0000183
2108 Aug	0.0535	0.0000114	1.55	3.54	0.0328	0.000437	5.49	0.00256	0.0481	0.000203	0.000242	0.0000963	0.0988	0.00000227	0.00014	0.000546	0.00195	0.0000159
2108 Sep	0.0513	0.0000111	1.46	3.12	0.0275	0.000465	5.22	0.00221	0.0494	0.00016	0.00019	0.0000849	0.0932	0.00000223	0.000126	0.000453	0.00176	0.0000122
2108 Oct	0.049	0.0000102	1.36	2.88	0.0212	0.000575	5.12	0.00187	0.0517	0.000103	0.000107	0.0000696	0.0899	0.00000204	0.000123	0.000336	0.00134	0.00000934
2108 Nov	0.05	0.0000102	1.45	3.26	0.0242	0.000615	5.5	0.00213	0.0512	0.00012	0.000118	0.0000775	0.0964	0.00000203	0.000137	0.00036	0.00133	0.0000122
2108 Dec	0.0501	0.0000102	1.46	3.29	0.0245	0.000618	5.53	0.00216	0.0511	0.000122	0.000119	0.0000783	0.097	0.00000204	0.000139	0.000363	0.00133	0.0000124
2109 Jan	0.0502	0.0000102	1.46	3.3	0.0246	0.000618	5.54	0.00217	0.0511	0.000123	0.00012	0.0000786	0.0972	0.00000204	0.000139	0.000364	0.00133	0.0000125
2109 Feb	0.0502	0.0000102	1.46	3.31	0.0246	0.000619	5.55	0.00217	0.0511	0.000123	0.00012	0.0000788	0.0973	0.00000204	0.000139	0.000364	0.00133	0.0000126
2109 Mar	0.0503	0.0000102	1.46	3.31	0.0247	0.00062	5.55	0.00218	0.0512	0.000123	0.00012	0.0000789	0.0975	0.00000204	0.000139	0.000365	0.00133	0.0000126
2109 Apr	0.0507	0.0000103	1.47	3.34	0.0249	0.000625	5.6	0.00219	0.0516	0.000124	0.000121	0.0000795	0.0983	0.00000206	0.000141	0.000368	0.00134	0.0000127
2109 May	0.0664	0.0000104	1.84	4.63	0.0512	0.000608	6.95	0.00289	0.0502	0.000348	0.000195	0.000114	0.132	0.00000208	0.000167	0.000647	0.00152	0.0000186
2109 Jun	0.0756	0.0000106	2.02	5.25	0.0684	0.0005	7.42	0.00328	0.0477	0.000504	0.000281	0.000135	0.147	0.00000211	0.000174	0.000884	0.00185	0.0000217
2109 Jul	0.0645	0.0000106	1.63	3.87	0.0466	0.000396	5.93	0.00251	0.0474	0.000347	0.000219	0.000103	0.113	0.00000212	0.000133	0.000621	0.00171	0.0000145
2109 Aug	0.058	0.0000108	1.47	3.24	0.0335	0.00039	5.37	0.00217	0.0473	0.000247	0.000164	0.0000883	0.0976	0.00000215	0.000118	0.000416	0.00153	0.0000116
2109 Sep	0.0538	0.0000105	1.51	3.48	0.0307	0.000522	5.64	0.00232	0.0478	0.000193	0.000145	0.0000893	0.101	0.00000209	0.000135	0.000389	0.00141	0.0000135
2109 Oct	0.0552	0.0000104	1.89	5.24	0.0417	0.000754	7.26	0.0036	0.0463	0.000232	0.000208	0.000124	0.129	0.00000206	0.000211	0.000527	0.00144	0.0000272
2109 Nov	0.0556	0.0000105	1.92	5.32	0.0423	0.000763	7.35	0.00366	0.0465	0.000235	0.000211	0.000126	0.131	0.00000208	0.000214	0.000534	0.00145	0.0000278
2109 Dec	0.0556	0.0000105	1.92	5.34	0.0425	0.000764	7.36	0.00367	0.0465	0.000236	0.000212	0.000126	0.131	0.00000208	0.000214	0.000536	0.00145	0.0000279
2110 Jan	0.0557	0.0000105	1.92	5.34	0.0425	0.000764	7.37	0.00367	0.0465	0.000236	0.000212	0.000126	0.131	0.00000208	0.000215	0.000536	0.00145	0.0000279
2110 Feb	0.0557	0.0000105	1.92	5.35	0.0426	0.000765	7.37	0.00367	0.0465	0.000236	0.000212	0.000126	0.131	0.00000208	0.000215	0.000537	0.00145	0.0000279
2110 Mar	0.0558	0.0000105	1.92	5.35	0.0426	0.000766	7.38	0.00368	0.0465	0.000236	0.000212	0.000126	0.131	0.00000208	0.000215	0.000537	0.00145	0.000028
2110 Apr	0.056	0.0000105	1.93	5.38	0.0428	0.000769	7.41	0.0037	0.0467	0.000237	0.000213	0.000127	0.132	0.00000209	0.000216	0.00054	0.00146	0.0000281
2110 May	0.0616	0.0000107	2.01	5.58	0.0501	0.000746	7.66	0.00374	0.0475	0.000305	0.000227	0.000133	0.14	0.00000211	0.000215	0.000621	0.00152	0.0000277
2110 Jun	0.0552	0.0000104	1.79	4.82	0.0453	0.000542	6.46	0.00343	0.0426	0.000283	0.000284	0.000122	0.119	0.00000207	0.000188	0.000666	0.00184	0.0000252
2110 Jul	0.0519	0.0000106	1.48	3.53	0.0328	0.000403	5.22	0.00256	0.045	0.000211	0.000241	0.000094	0.095	0.00000212	0.00014	0.000538	0.00184	0.0000161
2110 Aug	0.0487	0.0000104	1.73	4.31	0.0351	0.000646	6.44	0.00301	0.0419	0.000189	0.000168	0.000113	0.114	0.00000208	0.000173	0.000393	0.00138	0.0000214
2110 Sep	0.0521	0.0000103	1.82	4.72	0.0379	0.000714	6.85	0.00326	0.0449	0.000205	0.000183	0.000117	0.122	0.00000206	0.000195	0.000461	0.00139	0.0000243
2110 Oct	0.0542	0.0000103	1.86	4.89	0.0389	0.000746	7.04	0.00335	0.0471	0.000211	0.00019	0.000117	0.125	0.00000205	0.000205	0.000494	0.00139	0.0000256
2110 Nov	0.0546	0.0000103	1.91	5.11	0.0409	0.000758	7.23	0.00352	0.0463	0.000224	0.000202	0.000123	0.129	0.00000206	0.000214	0.000514	0.00141	0.0000275
2110 Dec	0.0548	0.0000103	1.92	5.17	0.0414	0.000762	7.28	0.00357	0.0461	0.000228	0.000205	0.000124	0.13	0.00000206	0.000217	0.00052	0.00142	0.0000279
2111 Jan	0.0548	0.0000103	1.93	5.19	0.0417	0.000763	7.31	0.00359	0.0461	0.000229	0.000206	0.000125	0.13	0.00000206	0.000218	0.000522	0.00142	0.0000281
2111 Feb	0.0549	0.0000103	1.93	5.21	0.0418	0.000764	7.32	0.0036	0.046	0.00023	0.000207	0.000125	0.13	0.00000206	0.000218	0.000523	0.00142	0.0000282
2111 Mar	0.055	0.0000104	1.94	5.22	0.0419	0.000766	7.34	0.00361	0.0461	0.000231	0.000207	0.000125	0.131	0.00000207	0.000219	0.000525	0.00142	0.0000283
2111 Apr	0.0555	0.0000105	1.95	5.26	0.0423	0.000772	7.4	0.00364	0.0465	0.000233	0.000209	0.000127	0.132	0.00000208	0.00022	0.000529	0.00144	0.0000286
2111 May	0.0648	0.0000106	2.07	5.54	0.0546	0.000722	7.78	0.00367	0.0476	0.000349	0.000231	0.000136	0.145	0.00000211	0.000216	0.000666	0.00153	0.0000277
2111 Jun	0.0594	0.0000104	1.89	4.91	0.0505	0.000551	6.83	0.00342	0.0434	0.00033	0.000281	0.000127	0.128	0.00000208	0.000195	0.000703	0.00181	0.0000262
2111 Jul	0.0582	0.000011	1.73	4.18	0.0429	0.000469	6.1	0.00296	0.0466	0.000282	0.000272	0.000112	0.114	0.0000022	0.000168	0.000656	0.00194	0.0000207
2111 Aug	0.0486	0.0000104	1.47	3.2	0.0284	0.000479	5.31	0.00225	0.0438	0.00017	0.000154	0.0000893	0.095	0.00000208	0.00013	0.000362	0.00146	0.0000136
2111 Sep	0.0481	0.0000103	1.63	3.77	0.0303	0.000623	6	0.00261	0.0443	0.000159	0.000144	0.0000995	0.107	0.00000207	0.000158	0.00036	0.00135	0.0000177
2111 Oct	0.0534	0.0000103	1.91	5.03	0.0405	0.000745	7.13	0.0035	0.0449	0.000221	0.000201	0.000124	0.128	0.00000206	0.000213	0.000497	0.00141	0.0000273
2111 Nov	0.0549	0.0000103	1.99	5.36	0.0432	0.000779	7.45	0.00373	0.0452	0.000238	0.000216	0.00013	0.134	0.00000206	0.000228	0.000533	0.00143	0.0000299
2111 Dec	0.055	0.0000104	2	5.4	0.0436	0.000781	7.49	0.00376	0.0451	0.00024	0.000217	0.000131	0.134	0.00000206	0.00023	0.000537	0.00143	0.0000302
2112 Jan	0.0551	0.0000104	2	5.42	0.0438	0.000783	7.51	0.00378	0.0451	0.000241	0.000219	0.000132	0.135	0.00000207	0.000231	0.000539	0.00143	0.0000304
2112 Feb	0.0551	0.0000104	2.01	5.43	0.0439	0.000784	7.52	0.00379	0.0451	0.000242	0.000219	0.000132	0.135	0.00000207	0.000231	0.00054	0.00143	0.0000305
2112 Mar	0.0553	0.0000104	2.01	5.45	0.044	0.000786	7.54	0.0038	0.0452	0.000243	0.00022	0.000132	0.135	0.00000207	0.000232	0.000541	0.00144	0.0000306
2112 Apr	0.0557	0.0000105	2.03	5.49	0.0443	0.000792	7.6	0.00383	0.0455	0.000245	0.000222	0.000133	0.136	0.00000209	0.000233	0.000545	0.00145	0.0000308
2112 May	0.0666	0.0000105	2.14	5.74	0.0584	0.000725	7.96	0.0038	0.0467	0.000381	0.000244	0.000143	0.15	0.0000021	0.000224	0.000703	0.00155	0.0000291
2112 Jun	0.0546	0.0000103	1.88	4.86	0.046	0.000575	6.69	0.00349	0.0416	0.000283	0.00028	0.000127	0.123	0.00000205	0.000205	0.00065	0.00177	0.000028
2112 Jul	0.0513	0.0000106	1.56	3.61	0.0338	0.000431	5.41	0.00266	0.0444	0.000212	0.000248	0.0000988	0.0988	0.00000212	0.000155	0.000548	0.00184	0.0000186
2112 Aug	0.0495	0.0000108	1.48	3.18	0.0286	0.000442	5.18	0.00231	0.0455	0.000171	0.000198	0.0000898	0.0934	0.00000216	0.000135	0.000441	0.00171	0.0000143
2112 Sep	0.0457	0.0000105	1.34	2.57	0.021	0.000474	4.75	0.00179	0.0467	0.000108	0.000125	0.0000734	0.0844	0.0000021	0.00011	0.000309	0.00146	0.00000858
2112 Oct	0.0475	0.0000103	1.42	2.95	0.023	0.000553	5.16	0.00201	0.0483	0.000115	0.000122	0.0000778	0.0917	0.00000206	0.000128	0.000329	0.00138	0.000011
2112 Nov	0.0484	0.0000103	1.48	3.19	0.0248	0.00058	5.39	0.00217	0.0483	0.000126	0.00013	0.0000827	0.096	0.00000207	0.000139	0.000348	0.00138	0.0000127
2112 Dec	0.0484	0.0000104	1.48	3.21	0.025	0.000582	5.41	0.00219	0.0483	0.000127	0.000131	0.0000832	0.0964	0.00000207	0.00014	0.00035	0.00138	0.0000129
2113 Jan	0.0485	0.0000104	1.49	3.23	0.0252	0.000584	5.43	0.0022	0.0483	0.000128	0.000131	0.0000837	0.0968	0.00000207	0.00014	0.000351	0.00138	0.000013
2113 Feb	0.0485	0.0000104	1.49	3.24	0.0252	0.000584	5.43	0.00221	0.0483	0.000128	0.000132	0.0000838	0.0969	0.00000207	0.000141	0.000352	0.00138	0.0000131
2113 Mar	0.0487	0.0000104	1.5	3.25	0.0253	0.000586	5.45	0.00222	0.0485	0.000129	0.000132	0.0000841	0.0973	0.00000208	0.000141	0.000353	0.00139	0.0000131
2113 Apr	0.0491	0.0000105	1.51	3.28	0.0255	0.000591	5.49	0.00223	0.0488	0.00013	0.000133	0.0000847	0.098	0.00000209	0.000142	0.000356	0.0014	0.0000132
2113 May	0.0654	0.0000105	1.81	4.27	0.0497	0.000565	6.57	0.00266	0.0496	0.000343	0.000186	0.000111	0.128	0.0000021	0.000157	0.000619	0.00154	0.0000159
2113 Jun	0.0607	0.0000105	1.99	5.24	0.0535	0.000593	7.04	0.00364	0.0432	0.000348	0.000287	0.000135	0.135	0.00000208	0.00021	0.000721	0.00179	0.0000276
2113 Jul	0.0571	0.0000108	1.68	4.05	0.0402	0.00047	5.9	0.00285	0.0455	0.000268	0.000239	0.000108	0.11	0.00000214	0.000163	0.000567	0.00175	0.0000191
2113 Aug	0.0541	0.0000109	1.51	3.31	0.0315	0.000434	5.33	0.00232	0.0466	0.00021	0.000182	0.0000918	0.0977	0.00000217	0.000133	0.000425	0.00161	0.0000135
2113 Sep	0.0496	0.0000104	1.42	2.94	0.0246	0.000509	5.1	0.00199	0.048	0.000141	0.000125	0.0000788	0.0918	0.00000208	0.000123	0.000332	0.00139	0.0000102
2113 Oct	0.0539	0.0000104	1.93	5.13	0.0406	0.000772	7.09	0.00356	0.0459	0.000219	0.000201	0.000124	0.129	0.00000205	0.000221	0.000502	0.00139	0.000027
2113 Nov	0.0545	0.0000104	1.98	5.29	0.0417	0.000791	7.25	0.00367	0.046	0.000225	0.000207	0.000128	0.132	0.00000206	0.000228	0.000515	0.0014	0.0000282
2113 Dec	0.0547	0.0000104	1.99	5.33	0.0422	0.000794	7.29	0.00371	0.046	0.000227	0.00021	0.000129	0.133	0.00000206	0.00023	0.000519	0.00141	0.0000286
2114 Jan	0.0547	0.0000104	1.99	5.35	0.0423	0.000795	7.31	0.00372	0.0459	0.000228	0.000211	0.00013	0.134	0.00000207	0.000231	0.000521	0.00141	0.0000287
2114 Feb	0.0547	0.0000104	2	5.36	0.0424	0.000796	7.31	0.00373	0.0459	0.000229	0.000211	0.00013	0.134	0.00000207	0.000231	0.000521	0.00141	0.0000288
2114 Mar	0.0549	0.0000105	2	5.37	0.0425	0.000798	7.33	0.00374	0.046	0.00023	0.000212	0.00013	0.134	0.00000207	0.000232	0.000523	0.00141	0.0000289
2114 Apr	0.0551	0.0000105	2.01	5.4	0.0428	0.000802	7.37	0.00376	0.0462	0.000231	0.000213	0.000131	0.135	0.00000208	0.000233	0.000526	0.00142	0.000029
2114 May	0.0671	0.0000105	2.2	5.96	0.0607	0.000744	8	0.00396	0.0461	0.000395	0.000253	0.000148	0.154	0.00000209	0.000235	0.000721	0.00155	0.0000297
2114 Jun	0.0732	0.0000106	2.06	5.24	0.0661	0.000528	7.23	0.00336	0.0472	0.000478	0.000283	0.000138	0.147	0.00000211	0.000188	0.000855	0.00184	0.0000222

Appendix D.2-8: A1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.0706	0.0000112	1.89	4.55	0.0565	0.000464	6.59	0.00295	0.0498	0.000412	0.000265	0.000122	0.132	0.00000223	0.000165	0.000764	0.00191	0.0000178
2114 Aug	0.0702	0.0000117	1.87	4.33	0.0524	0.000476	6.54	0.00282	0.0521	0.000379	0.000245	0.000118	0.129	0.00000234	0.000157	0.000699	0.0019	0.000016
2114 Sep	0.0555	0.0000107	1.46	2.93	0.0297	0.000506	5.25	0.00185	0.0518	0.000188	0.000126	0.0000788	0.0982	0.00000214	0.000115	0.000409	0.00147	0.00000755
2114 Oct	0.0511	0.0000102	1.43	3.02	0.024	0.000599	5.25	0.00192	0.0521	0.000126	0.000101	0.0000738	0.0954	0.00000204	0.000129	0.000343	0.00129	0.00000909
2114 Nov	0.0519	0.0000103	1.69	4.18	0.0316	0.000712	6.17	0.00281	0.0492	0.000162	0.000149	0.0000996	0.113	0.00000203	0.00018	0.000414	0.00131	0.0000182
2114 Dec	0.0525	0.0000103	1.75	4.46	0.034	0.000732	6.4	0.00303	0.0485	0.000176	0.000163	0.000106	0.118	0.00000203	0.000191	0.000438	0.00133	0.0000204
2115 Jan	0.0526	0.0000103	1.76	4.49	0.0343	0.000735	6.43	0.00306	0.0484	0.000178	0.000165	0.000107	0.118	0.00000204	0.000193	0.000441	0.00134	0.0000206
2115 Feb	0.0526	0.0000103	1.77	4.51	0.0345	0.000737	6.45	0.00307	0.0484	0.000179	0.000166	0.000108	0.119	0.00000204	0.000194	0.000443	0.00134	0.0000208
2115 Mar	0.0527	0.0000103	1.77	4.52	0.0345	0.000737	6.45	0.00308	0.0484	0.000179	0.000166	0.000108	0.119	0.00000204	0.000194	0.000443	0.00134	0.0000208
2115 Apr	0.0531	0.0000104	1.78	4.55	0.0348	0.000743	6.5	0.0031	0.0487	0.000181	0.000167	0.000109	0.12	0.00000205	0.000195	0.000446	0.00135	0.000021
2115 May	0.0743	0.0000104	2.11	5.51	0.066	0.00064	7.58	0.00341	0.0489	0.000468	0.000234	0.000138	0.153	0.00000206	0.000196	0.000788	0.00157	0.0000217
2115 Jun	0.0858	0.0000109	2.3	6.02	0.0821	0.000572	8.14	0.00365	0.05	0.000616	0.000291	0.000156	0.171	0.00000215	0.0002	0.000993	0.00183	0.0000225
2115 Jul	0.078	0.0000111	1.99	4.89	0.0646	0.000483	7.04	0.00301	0.0508	0.000491	0.000242	0.000129	0.144	0.0000022	0.000164	0.000784	0.00175	0.0000169
2115 Aug	0.0534	0.0000103	1.4	2.82	0.0305	0.00042	4.99	0.00181	0.0455	0.000211	0.000115	0.0000811	0.0938	0.00000206	0.000102	0.000342	0.00135	0.00000718
2115 Sep	0.0469	0.0000103	1.38	2.73	0.0239	0.000506	4.94	0.0018	0.0452	0.000133	0.0000917	0.0000779	0.0902	0.00000205	0.000107	0.000262	0.00127	0.00000747
2115 Oct	0.0477	0.0000103	1.41	2.88	0.0235	0.000553	5.08	0.00189	0.0473	0.000124	0.000093	0.0000775	0.0924	0.00000204	0.000118	0.000279	0.00126	0.00000842
2115 Nov	0.0494	0.0000103	1.54	3.54	0.0268	0.000641	5.58	0.00236	0.0484	0.000136	0.000118	0.0000877	0.102	0.00000203	0.000149	0.000339	0.00127	0.000013
2115 Dec	0.0502	0.0000103	1.61	3.83	0.0292	0.000666	5.82	0.00258	0.048	0.000149	0.000132	0.0000943	0.107	0.00000203	0.000161	0.000365	0.00129	0.0000151
2116 Jan	0.0503	0.0000103	1.62	3.89	0.0296	0.000671	5.86	0.00262	0.0479	0.000152	0.000135	0.0000957	0.108	0.00000204	0.000164	0.00037	0.00129	0.0000155
2116 Feb	0.0503	0.0000103	1.62	3.9	0.0297	0.000672	5.87	0.00263	0.0479	0.000152	0.000136	0.0000959	0.108	0.00000204	0.000164	0.000371	0.0013	0.0000156
2116 Mar	0.0504	0.0000103	1.62	3.91	0.0298	0.000673	5.88	0.00263	0.048	0.000153	0.000136	0.0000961	0.108	0.00000204	0.000164	0.000372	0.0013	0.0000156
2116 Apr	0.0507	0.0000104	1.63	3.94	0.03	0.000677	5.92	0.00265	0.0483	0.000154	0.000137	0.0000967	0.109	0.00000205	0.000165	0.000374	0.00131	0.0000157
2116 May	0.0661	0.0000105	1.93	4.93	0.0531	0.000648	6.91	0.00312	0.0488	0.000357	0.000197	0.000123	0.137	0.00000207	0.000181	0.000635	0.00148	0.0000184
2116 Jun	0.0559	0.0000106	2.04	5.74	0.0502	0.000679	6.99	0.00412	0.0416	0.000298	0.000303	0.000144	0.136	0.00000208	0.000237	0.000679	0.00177	0.0000302
2116 Jul	0.0539	0.0000111	1.74	4.41	0.0394	0.000516	5.81	0.00323	0.0456	0.000237	0.000288	0.000115	0.112	0.00000219	0.000184	0.000629	0.00197	0.0000212
2116 Aug	0.053	0.0000114	1.68	4.01	0.0351	0.00052	5.67	0.00292	0.0471	0.000205	0.000247	0.000108	0.107	0.00000225	0.000167	0.000543	0.00188	0.0000178
2116 Sep	0.05	0.0000106	1.6	3.76	0.0294	0.000618	5.64	0.0026	0.048	0.000152	0.000164	0.0000954	0.105	0.0000021	0.00016	0.00041	0.00148	0.0000152
2116 Oct	0.0527	0.0000104	1.79	4.61	0.0344	0.000756	6.42	0.00314	0.0489	0.000175	0.000167	0.000109	0.12	0.00000205	0.000198	0.000442	0.00134	0.0000205
2116 Nov	0.0528	0.0000105	1.78	4.58	0.034	0.000758	6.41	0.00311	0.0493	0.000172	0.000164	0.000108	0.119	0.00000205	0.000197	0.000438	0.00134	0.0000201
2116 Dec	0.0529	0.0000105	1.79	4.62	0.0343	0.000761	6.44	0.00314	0.0492	0.000174	0.000166	0.000109	0.12	0.00000205	0.000198	0.000441	0.00134	0.0000204
2117 Jan	0.053	0.0000105	1.79	4.64	0.0345	0.000763	6.46	0.00316	0.0492	0.000175	0.000167	0.00011	0.12	0.00000206	0.000199	0.000443	0.00134	0.0000206
2117 Feb	0.053	0.0000105	1.8	4.65	0.0346	0.000763	6.47	0.00316	0.0492	0.000175	0.000168	0.00011	0.12	0.00000206	0.000199	0.000444	0.00134	0.0000206
2117 Mar	0.0531	0.0000105	1.8	4.66	0.0346	0.000765	6.48	0.00317	0.0492	0.000176	0.000168	0.00011	0.121	0.00000206	0.0002	0.000445	0.00134	0.0000207
2117 Apr	0.0535	0.0000106	1.82	4.7	0.0349	0.000771	6.53	0.0032	0.0496	0.000177	0.000169	0.000111	0.122	0.00000208	0.000201	0.000448	0.00136	0.0000208
2117 May	0.0712	0.0000106	2.03	5.25	0.0593	0.000666	7.26	0.00327	0.0506	0.000409	0.000214	0.00013	0.146	0.00000209	0.000192	0.000718	0.00153	0.0000195
2117 Jun	0.0706	0.0000109	2.17	5.88	0.0655	0.000628	7.47	0.0039	0.0462	0.00045	0.0003	0.000149	0.153	0.00000213	0.000219	0.000835	0.00182	0.0000257
2117 Jul	0.0679	0.0000113	1.95	4.99	0.0549	0.000541	6.72	0.00334	0.0486	0.000383	0.000268	0.00013	0.135	0.00000222	0.000187	0.000719	0.00183	0.0000203
2117 Aug	0.0617	0.0000112	1.74	4.09	0.0432	0.000503	6.02	0.00273	0.0485	0.000296	0.000207	0.00011	0.117	0.00000222	0.000154	0.000549	0.00168	0.0000149
2117 Sep	0.0581	0.0000111	1.62	3.59	0.036	0.000517	5.67	0.00237	0.0499	0.000235	0.000166	0.0000965	0.108	0.0000022	0.000138	0.000463	0.00157	0.0000116
2117 Oct	0.0533	0.0000106	1.42	2.88	0.0256	0.000537	5.1	0.00183	0.0523	0.000151	0.000109	0.0000741	0.0945	0.0000021	0.000117	0.000358	0.00138	0.00000712
2117 Nov	0.0517	0.0000104	1.35	2.65	0.0222	0.000543	4.91	0.00165	0.053	0.000123	0.0000906	0.0000668	0.0899	0.00000207	0.00011	0.000323	0.00132	0.00000564
2117 Dec	0.0515	0.0000104	1.34	2.62	0.0217	0.000544	4.88	0.00162	0.0531	0.000119	0.0000877	0.0000657	0.0891	0.00000207	0.000109	0.000318	0.00131	0.00000541
2118 Jan	0.0515	0.0000104	1.34	2.62	0.0217	0.000544	4.88	0.00162	0.0532	0.000119	0.0000877	0.0000657	0.0892	0.00000207	0.000109	0.000318	0.00131	0.00000541
2118 Feb	0.0515	0.0000104	1.34	2.62	0.0217	0.000544	4.88	0.00162	0.0532	0.000119	0.0000877	0.0000657	0.0892	0.00000207	0.000109	0.000318	0.00131	0.00000541
2118 Mar	0.0515	0.0000104	1.34	2.62	0.0217	0.000545	4.89	0.00162	0.0532	0.000119	0.0000878	0.0000658	0.0892	0.00000207	0.00011	0.000318	0.00131	0.00000542
2118 Apr	0.0577	0.0000104	1.43	2.86	0.0296	0.000537	5.24	0.00167	0.0542	0.000155	0.0000943	0.0000688	0.0991	0.00000208	0.00011	0.000396	0.00132	0.00000521
2118 May	0.0786	0.0000106	2.06	5.16	0.0678	0.000591	7.34	0.00304	0.0514	0.000453	0.000212	0.000126	0.153	0.00000208	0.000173	0.000798	0.00155	0.0000164
2118 Jun	0.0621	0.0000108	2.08	5.69	0.056	0.000648	7.09	0.00396	0.044	0.000357	0.000303	0.000145	0.141	0.00000212	0.000228	0.000746	0.00182	0.0000276
2118 Jul	0.0616	0.0000114	1.94	4.99	0.049	0.000571	6.54	0.00351	0.0473	0.000316	0.000289	0.00013	0.129	0.00000224	0.000201	0.000692	0.00193	0.0000229
2118 Aug	0.0474	0.0000106	1.44	2.97	0.0263	0.000486	4.97	0.00206	0.0446	0.000149	0.000137	0.000085	0.0924	0.0000021	0.00012	0.000332	0.00145	0.00000972
2118 Sep	0.0537	0.0000106	1.93	5.12	0.0402	0.000775	6.8	0.00354	0.0461	0.000214	0.000196	0.000125	0.129	0.00000207	0.000217	0.000486	0.00139	0.0000241
2118 Oct	0.0564	0.0000107	2.1	5.85	0.0461	0.000849	7.39	0.00407	0.0461	0.000248	0.000228	0.00014	0.142	0.00000208	0.00025	0.000555	0.00143	0.000029
2118 Nov	0.0574	0.0000108	2.19	6.18	0.049	0.000874	7.65	0.00432	0.0455	0.000266	0.000244	0.000148	0.147	0.00000209	0.000263	0.000584	0.00146	0.0000314
2118 Dec	0.0574	0.0000108	2.19	6.21	0.0492	0.000876	7.67	0.00434	0.0455	0.000268	0.000245	0.000149	0.148	0.00000209	0.000264	0.000586	0.00146	0.0000315
2119 Jan	0.0575	0.0000108	2.2	6.22	0.0493	0.000877	7.68	0.00435	0.0454	0.000268	0.000246	0.000149	0.148	0.00000209	0.000265	0.000587	0.00146	0.0000316
2119 Feb	0.0575	0.0000108	2.2	6.23	0.0494	0.000878	7.69	0.00435	0.0454	0.000269	0.000246	0.00015	0.148	0.0000021	0.000265	0.000588	0.00146	0.0000317
2119 Mar	0.0577	0.0000108	2.2	6.24	0.0495	0.00088	7.71	0.00437	0.0456	0.000269	0.000247	0.00015	0.149	0.0000021	0.000266	0.000589	0.00147	0.0000318
2119 Apr	0.0739	0.0000108	2.37	6.56	0.0687	0.000822	8.38	0.00423	0.0487	0.000355	0.00025	0.00015	0.17	0.00000211	0.000251	0.000776	0.00149	0.0000286
2119 May	0.0894	0.0000106	2.54	6.94	0.0914	0.000688	8.9	0.00422	0.0481	0.000602	0.000295	0.000169	0.19	0.00000208	0.000237	0.00103	0.00166	0.0000273
2119 Jun	0.0666	0.0000107	2.01	5.23	0.0593	0.000563	6.81	0.0035	0.0455	0.000405	0.000289	0.000136	0.14	0.00000209	0.0002	0.000789	0.00183	0.0000227
2119 Jul	0.0626	0.0000112	1.78	4.29	0.048	0.000462	5.92	0.00295	0.0483	0.000327	0.00028	0.000115	0.119	0.0000022	0.000167	0.000717	0.00199	0.0000173
2119 Aug	0.0528	0.0000109	1.51	3.17	0.0325	0.000455	5.14	0.00217	0.0469	0.000205	0.000176	0.0000905	0.0987	0.00000216	0.000124	0.000454	0.00165	0.0000102
2119 Sep	0.0477	0.0000103	1.45	3.05	0.0248	0.000569	5.12	0.00204	0.0474	0.000126	0.000114	0.0000812	0.0948	0.00000205	0.000128	0.000323	0.00133	0.00000965
2119 Oct	0.0532	0.0000105	1.84	4.74	0.0371	0.000754	6.48	0.00325	0.0475	0.000193	0.000178	0.000115	0.123	0.00000206	0.000204	0.000459	0.00137	0.0000211
2119 Nov	0.0573	0.0000108	2.2	6.2	0.0494	0.000875	7.63	0.00434	0.0452	0.000267	0.000246	0.000149	0.148	0.00000209	0.000265	0.000585	0.00146	0.0000313
2119 Dec	0.0575	0.0000108	2.22	6.27	0.05	0.00088	7.68	0.00439	0.0451	0.000271	0.000249	0.000151	0.149	0.0000021	0.000268	0.000591	0.00147	0.0000317

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	51.1	0.042	0.00972	0.000986	11	0.0275	3.93	0.000986	0.000986	0.00000493	0.00718	0.00115	0.00993	0.0196	0.00000493	16.6	0.0000178	0.000247	0.000221	0.000851
Operation (2026-2036): Mean	60.9	0.0538	0.0121	0.00114	13.3	0.0313	4.76	0.00114	0.00114	0.0000057	0.00818	0.00136	0.0113	0.0238	0.0000057	20.1	0.0000212	0.000295	0.000287	0.000999
Operation (2026-2036): Max	77.5	0.071	0.0166	0.00126	17.8	0.0342	6.27	0.00126	0.00126	0.00000632	0.00902	0.00167	0.0125	0.0325	0.00000632	26.9	0.000024	0.000375	0.000434	0.00121
Active Closure (2037-2043): Min	49.8	0.0378	0.00954	0.00097	10.6	0.0267	3.8	0.00097	0.00097	0.00000485	0.007	0.00115	0.00961	0.0188	0.00000485	15.9	0.0000182	0.000242	0.00021	0.000839
Active Closure (2037-2043): Mean	56.8	0.0494	0.0113	0.00107	12.5	0.0295	4.44	0.00107	0.00107	0.00000535	0.00761	0.00128	0.0106	0.0222	0.00000535	18.7	0.0000196	0.000275	0.000267	0.000934
Active Closure (2037-2043): Max	65.4	0.0625	0.0134	0.00113	14.7	0.0318	5.25	0.00113	0.00113	0.00000567	0.00816	0.00144	0.0112	0.0263	0.00000567	22	0.000021	0.000317	0.000334	0.00105
Post Closure (2044-2119): Min	56.1	0.0358	0.00825	0.000758	10.3	0.0306	4.37	0.000754	0.000754	0.00000451	0.00712	0.00127	0.011	0.0201	0.00000531	17.9	0.0000195	0.000272	0.000232	0.000875
Post Closure (2044-2119): Mean	307	0.0586	0.0506	0.00157	21.1	0.108	174	0.000864	0.000864	0.00000534	0.00878	0.0036	0.154	0.0339	0.00000725	55	0.0000415	0.00418	0.000418	0.00148
Post Closure (2044-2119): Max	495	0.115	0.275	0.00566	73.2	0.153	267	0.00112	0.00112	0.00000637	0.0107	0.00505	0.234	0.0458	0.00000923	77.8	0.0000575	0.00633	0.000588	0.00193
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	76.4	0.0701	0.0164	0.0012	17.5	0.0325	6.19	0.0012	0.0012	0.00000599	0.00845	0.00165	0.0115	0.032	0.00000599	26.5	0.0000223	0.000369	0.000428	0.00119
2026 Feb	76.4	0.0701	0.0164	0.0012	17.5	0.0325	6.19	0.0012	0.0012	0.00000599	0.00845	0.00165	0.0115	0.032	0.00000599	26.5	0.0000223	0.000369	0.000428	0.00119
2026 Mar	76.5	0.0701	0.0164	0.0012	17.5	0.0325	6.19	0.0012	0.0012	0.00000599	0.00846	0.00165	0.0115	0.032	0.00000599	26.5	0.0000223	0.00037	0.000428	0.00119
2026 Apr	76.7	0.0703	0.0164	0.0012	17.6	0.0326	6.21	0.0012	0.0012	0.00000601	0.00848	0.00166	0.0116	0.0321	0.00000601	26.6	0.0000224	0.000371	0.00043	0.0012
2026 May	77.5	0.071	0.0166	0.00121	17.8	0.0329	6.27	0.00121	0.00121	0.00000607	0.00857	0.00167	0.0117	0.0325	0.00000607	26.9	0.0000226	0.000375	0.000434	0.00121
2026 Jun	72.1	0.0635	0.0154	0.00117	16.3	0.0307	5.74	0.00117	0.00117	0.00000583	0.00826	0.00156	0.0112	0.0299	0.00000583	24.8	0.0000222	0.000351	0.000397	0.00113
2026 Jul	72.8	0.0633	0.0155	0.00119	16.4	0.0313	5.77	0.00119	0.00119	0.00000596	0.00844	0.00158	0.0115	0.0301	0.00000596	24.9	0.0000227	0.000355	0.000397	0.00114
2026 Aug	73.3	0.0635	0.0156	0.00121	16.5	0.0322	5.82	0.00121	0.00121	0.00000605	0.00852	0.0016	0.0117	0.0302	0.00000605	25.1	0.0000227	0.000356	0.000397	0.00115
2026 Sep	74	0.0645	0.0157	0.00122	16.7	0.0327	5.89	0.00122	0.00122	0.00000612	0.00863	0.00162	0.0118	0.0305	0.00000612	25.4	0.0000229	0.00036	0.0004	0.00117
2026 Oct	73.2	0.0649	0.0154	0.00121	16.5	0.0327	5.84	0.00121	0.00121	0.00000607	0.00857	0.0016	0.0117	0.0301	0.00000607	25	0.0000226	0.000355	0.000393	0.00116
2026 Nov	73.4	0.0651	0.0155	0.00122	16.6	0.0328	5.86	0.00122	0.00122	0.00000608	0.00859	0.0016	0.0118	0.0302	0.00000608	25.1	0.0000226	0.000356	0.000394	0.00116
2026 Dec	73.4	0.0651	0.0155	0.00122	16.6	0.0328	5.86	0.00122	0.00122	0.00000609	0.0086	0.00161	0.0118	0.0302	0.00000609	25.1	0.0000227	0.000356	0.000394	0.00116
2027 Jan	73.4	0.0651	0.0155	0.00122	16.6	0.0328	5.86	0.00122	0.00122	0.00000609	0.0086	0.00161	0.0118	0.0302	0.00000609	25.1	0.0000227	0.000356	0.000394	0.00116
2027 Feb	73.4	0.0651	0.0155	0.00122	16.6	0.0328	5.86	0.00122	0.00122	0.00000609	0.0086	0.00161	0.0118	0.0302	0.00000609	25.1	0.0000227	0.000356	0.000394	0.00116
2027 Mar	73.5	0.0651	0.0155	0.00122	16.6	0.0328	5.86	0.00122	0.00122	0.00000609	0.0086	0.00161	0.0118	0.0302	0.00000609	25.1	0.0000227	0.000356	0.000394	0.00116
2027 Apr	73.8	0.0654	0.0155	0.00122	16.7	0.033	5.89	0.00122	0.00122	0.00000611	0.00864	0.00161	0.0118	0.0303	0.00000611	25.2	0.0000228	0.000358	0.000396	0.00117
2027 May	74.8	0.0663	0.0158	0.00124	16.9	0.0334	5.97	0.00124	0.00124	0.00000619	0.00875	0.00163	0.012	0.0308	0.00000619	25.6	0.0000231	0.000363	0.000401	0.00118
2027 Jun	68.8	0.0586	0.0145	0.00118	15.3	0.031	5.4	0.00118	0.00118	0.0000059	0.00837	0.00151	0.0115	0.028	0.0000059	23.3	0.0000224	0.000337	0.000361	0.00109
2027 Jul	67.4	0.0559	0.0141	0.00118	14.8	0.0308	5.24	0.00118	0.00118	0.00000592	0.00841	0.00149	0.0115	0.0272	0.00000592	22.7	0.0000226	0.000331	0.000347	0.00107
2027 Aug	69.7	0.0577	0.0146	0.00123	15.4	0.0321	5.42	0.00123	0.00123	0.00000614	0.0087	0.00154	0.0119	0.0281	0.00000614	23.4	0.0000233	0.000342	0.000358	0.00111
2027 Sep	69.1	0.0584	0.0143	0.00122	15.3	0.0324	5.4	0.00122	0.00122	0.00000611	0.00866	0.00153	0.0119	0.0278	0.00000611	23.2	0.000023	0.000338	0.000352	0.0011
2027 Oct	68.4	0.059	0.0141	0.00121	15.1	0.0324	5.36	0.00121	0.00121	0.00000605	0.00861	0.00151	0.0119	0.0274	0.00000605	22.9	0.0000227	0.000333	0.000345	0.0011
2027 Nov	68.2	0.0593	0.014	0.00121	15.1	0.0325	5.36	0.00121	0.00121	0.00000604	0.0086	0.00151	0.0119	0.0273	0.00000604	22.9	0.0000226	0.000332	0.000344	0.0011
2027 Dec	68.2	0.0594	0.014	0.00121	15.1	0.0325	5.36	0.00121	0.00121	0.00000604	0.0086	0.00151	0.0119	0.0273	0.00000604	22.9	0.0000226	0.000332	0.000344	0.00109
2028 Jan	68.2	0.0594	0.014	0.00121	15.1	0.0325	5.36	0.00121	0.00121	0.00000604	0.0086	0.00151	0.0119	0.0273	0.00000604	22.9	0.0000226	0.000332	0.000344	0.00109
2028 Feb	68.2	0.0594	0.014	0.00121	15.1	0.0325	5.36	0.00121	0.00121	0.00000604	0.0086	0.00151	0.0119	0.0273	0.00000604	22.9	0.0000226	0.000332	0.000344	0.00109
2028 Mar	68.2	0.0594	0.014	0.00121	15.1	0.0325	5.36	0.00121	0.00121	0.00000604	0.0086	0.00151	0.0119	0.0273	0.00000604	22.9	0.0000226	0.000332	0.000344	0.00109
2028 Apr	68.4	0.0595	0.014	0.00121	15.2	0.0326	5.37	0.00121	0.00121	0.00000606	0.00862	0.00151	0.0119	0.0274	0.00000606	22.9	0.0000227	0.000333	0.000344	0.0011
2028 May	69	0.0601	0.0142	0.00122	15.3	0.0329	5.42	0.00122	0.00122	0.00000611	0.00871	0.00153	0.012	0.0276	0.00000611	23.1	0.0000229	0.000336	0.000348	0.00111
2028 Jun	64.9	0.0545	0.0133	0.00118	14.2	0.0312	5.02	0.00118	0.00118	0.00000592	0.00846	0.00144	0.0116	0.0257	0.00000592	21.5	0.0000225	0.000319	0.000319	0.00104
2028 Jul	63.6	0.0521	0.013	0.00119	13.8	0.0309	4.88	0.00119	0.00119	0.00000593	0.00848	0.00142	0.0116	0.025	0.00000593	21	0.0000227	0.000314	0.000308	0.00103
2028 Aug	66.9	0.0547	0.0137	0.00125	14.5	0.0326	5.13	0.00125	0.00125	0.00000624	0.00891	0.0015	0.0123	0.0263	0.00000624	22.1	0.0000238	0.00033	0.000323	0.00108
2028 Sep	67.5	0.0561	0.0137	0.00126	14.7	0.0332	5.19	0.00126	0.00126	0.0000063	0.00901	0.00151	0.0124	0.0265	0.0000063	22.3	0.000024	0.000332	0.000325	0.00109
2028 Oct	65	0.0571	0.013	0.00122	14.2	0.0329	5.06	0.00122	0.00122	0.00000608	0.00875	0.00145	0.0121	0.0254	0.00000608	21.4	0.0000229	0.000317	0.000308	0.00106
2028 Nov	65	0.0576	0.0129	0.00122	14.2	0.033	5.06	0.00122	0.00122	0.00000608	0.00876	0.00145	0.0121	0.0254	0.00000608	21.4	0.0000229	0.000317	0.000307	0.00106
2028 Dec	65	0.0576	0.0129	0.00122	14.2	0.033	5.07	0.00122	0.00122	0.00000608	0.00877	0.00145	0.0121	0.0254	0.00000608	21.4	0.0000229	0.000317	0.000307	0.00106
2029 Jan	65	0.0576	0.0129	0.00122	14.2	0.033	5.07	0.00122	0.00122	0.00000608	0.00877	0.00145	0.0121	0.0254	0.00000608	21.4	0.0000229	0.000317	0.000307	0.00106
2029 Feb	65	0.0576	0.0129	0.00122	14.2	0.033	5.07	0.00122	0.00122	0.00000608	0.00877	0.00145	0.0121	0.0254	0.00000608	21.4	0.0000229	0.000317	0.000307	0.00106
2029 Mar	65	0.0577	0.0129	0.00122	14.2	0.033	5.07	0.00122	0.00122	0.00000608	0.00877	0.00145	0.0121	0.0254	0.00000608	21.4	0.0000229	0.000317	0.000307	0.00106
2029 Apr	65.1	0.0577	0.013	0.00122	14.2	0.0331	5.07	0.00122	0.00122	0.00000609	0.00878	0.00145	0.0121	0.0254	0.00000609	21.4	0.0000229	0.000317	0.000307	0.00106
2029 May	65.5	0.0581	0.013	0.00123	14.3	0.0333	5.1	0.00123	0.00123	0.00000613	0.00883	0.00146	0.0122	0.0256	0.00000613	21.5	0.0000231	0.000319	0.000309	0.00107
2029 Jun	64.7	0.0562	0.0129	0.00122	14	0.0328	5	0.00122	0.00122	0.00000612	0.00883	0.00145	0.0121	0.0251	0.00000612	21.2	0.0000233	0.000317	0.000302	0.00106
2029 Jul	57.8	0.0472	0.0114	0.00114	12.3	0.0301	4.39	0.00114	0.00114	0.00000571	0.0082	0.00131	0.0113	0.0221	0.00000571	18.7	0.0000217	0.000284	0.000261	0.000953
2029 Aug	59.1	0.0481	0.0117	0.00117	12.6	0.0313	4.5	0.00117	0.00117	0.00000587	0.00839	0.00135	0.0116	0.0227	0.00000587	19.1	0.000022	0.00029	0.000265	0.000981
2029 Sep	59.8	0.0492	0.0118	0.00119	12.8	0.0319	4.57	0.00119	0.00119	0.00000594	0.0085	0.00136	0.0118	0.0229	0.00000594	19.3	0.0000222	0.000293	0.000267	0.000994
2029 Oct	59.3	0.0502	0.0116	0.00118	12.7	0.032	4.55	0.00118	0.00118	0.00000589	0.00845	0.00135	0.0117	0.0227	0.00000589	19.2	0.000022	0.000289	0.000263	0.000988
2029 Nov	58.1	0.0509	0.0112	0.00115	12.5	0.0318	4.49	0.00115	0.00115	0.00000577	0.00831	0.00132	0.0115	0.0221	0.00000577	18.8	0.0000214	0.000282	0.000255	0.000971
2029 Dec	58.1	0.0509	0.0112	0.00115	12.5	0.0318	4.49	0.00115	0.00115	0.00000577	0.00831	0.00132	0.0115	0.0221	0.00000577	18.8	0.0000214	0.000282	0.000255	0.000971
2030 Jan	58.1	0.0509	0.0112	0.00115	12.5	0.0318	4.49	0.00115	0.00115	0.00000577	0.00831	0.00132	0.0115	0.0221	0.00000577	18.8	0.0000214	0.000282	0.000255	0.000971
2030 Feb	58.1	0.0509	0.0112	0.00115	12.5	0.0318	4.49	0.00115	0.00115	0.00000577	0.00831	0.00132	0.0115	0.0222	0.00000577	18.8	0.0000214	0.000282	0.000255	0.000972
2030 Mar	58.2	0.051	0.0112	0.00115	12.5	0.0318	4.5	0.00115	0.00115	0.00000577	0.00831	0.00132	0.0115	0.0222	0.00000577	18.8	0.0000214	0.000282	0.000255	0.000972
2030 Apr	58.2	0.051	0.0112	0.00116	12.6	0.0319	4.5	0.00116	0.00116	0.00000578	0.00832	0.00132	0.0115	0.0222	0.00000578	18.8	0.0000214	0.000283	0.000256	0.000973
2030 May	58.9	0.0516	0.0113	0.00117	12.7	0.0322	4.55	0.00117	0.00117	0.00000584	0.00842	0.00134	0.0116	0.0224	0.00000584	19	0.0000217	0.000286	0.000258	0.000984
2030 Jun	56.7	0.0478	0.0109	0.00115	12.1	0.0311	4.31	0.00115	0.00115	0.00000575	0.0083	0.00129	0.0115	0.0214	0.00000575	18.1	0.0000217	0.000277	0.000244	0.000947
2030 Jul	55.3	0.0453	0.0106	0.00114	11.7	0.0305	4.17	0.00114	0.00114	0.00000571	0.00823	0.00127	0.0114	0.0207	0.00000571	17.6	0.0000216	0.000271	0.000234	0.000927
2030 Aug	56.4	0.046	0.0108	0.00117	11.9	0.0315	4.27	0.00117	0.00117	0.00000585	0.00839	0.0013	0.0116	0.0212	0.00000585	18	0.0000219	0.000276	0.000238	0.000951
2030 Sep	57.8	0.0473	0.0111	0.0012	12.2	0.0324	4.38	0.0012	0.0012	0.00000599	0.0086	0.00133	0.0119	0.0217	0.00000599	18.4	0.0000224	0.000283	0.000244	0.000975
2030 Oct	57.5	0.048	0.011	0.00119	12.2	0.0325	4.37	0.00119	0.00119	0.00000596	0.00857	0.00132	0.0119	0.0216	0.00000596	18.3	0.0000222	0.000281	0.000241	0.000972
2030 Nov	57.2	0.0484	0.0109	0.00118	12.2	0.0324	4.36	0.00118	0.00118	0.00000592	0.00853	0.00131	0.0118	0.0214	0.00000592	18.2	0.000022	0.000278	0.000239	0.000968
2030 Dec	57.2	0.0484	0.0109	0.00119	12.2	0.0324	4.36	0.00119	0.00119	0.00000593	0.00853	0.00132	0.0118	0.0214	0.00000593	18.2	0.000022	0.000279	0.000239	0.000968
2031 Jan	57.2	0.0484	0.0109	0.00119	12.2	0.0324	4.36	0.00119	0.00119	0.00000593	0.00853	0.00132	0.0118	0.0214	0.00000593	18.2	0.000022	0.000279	0.000239	0.000968

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	57.2	0.0484	0.0109	0.00119	12.2	0.0324	4.36	0.00119	0.00119	0.00000593	0.00853	0.00132	0.0118	0.0214	0.00000593	18.2	0.000022	0.000279	0.000239	0.000968
2031 Mar	57.2	0.0484	0.0109	0.00119	12.2	0.0325	4.36	0.00119	0.00119	0.00000593	0.00853	0.00132	0.0118	0.0214	0.00000593	18.2	0.000022	0.000279	0.000239	0.000968
2031 Apr	57.4	0.0486	0.0109	0.00119	12.2	0.0326	4.38	0.00119	0.00119	0.00000595	0.00856	0.00132	0.0119	0.0215	0.00000595	18.3	0.0000221	0.00028	0.00024	0.000972
2031 May	58.6	0.0495	0.0112	0.0012	12.5	0.0328	4.47	0.0012	0.0012	0.00000601	0.00865	0.00134	0.012	0.022	0.00000601	18.7	0.0000224	0.000285	0.000248	0.000987
2031 Jun	59.8	0.0495	0.0118	0.00117	12.8	0.0313	4.57	0.00117	0.00117	0.00000586	0.00839	0.00135	0.0116	0.023	0.00000586	19.4	0.0000221	0.000293	0.000272	0.000988
2031 Jul	62.4	0.0514	0.0124	0.00123	13.4	0.0327	4.77	0.00123	0.00123	0.00000614	0.00879	0.00142	0.0121	0.024	0.00000614	20.3	0.0000231	0.000306	0.000283	0.00103
2031 Aug	64.1	0.0527	0.0127	0.00126	13.8	0.0339	4.9	0.00126	0.00126	0.00000632	0.00902	0.00146	0.0125	0.0247	0.00000632	20.8	0.0000236	0.000313	0.00029	0.00106
2031 Sep	63.3	0.0534	0.0124	0.00125	13.6	0.034	4.87	0.00125	0.00125	0.00000624	0.00893	0.00144	0.0124	0.0243	0.00000624	20.5	0.0000232	0.000308	0.000283	0.00105
2031 Oct	61.4	0.0546	0.0118	0.00121	13.3	0.0337	4.77	0.00121	0.00121	0.00000605	0.00871	0.00139	0.0121	0.0235	0.00000605	19.9	0.0000223	0.000297	0.000271	0.00103
2031 Nov	61.4	0.0549	0.0118	0.00121	13.3	0.0337	4.78	0.00121	0.00121	0.00000605	0.00872	0.00139	0.0121	0.0235	0.00000605	19.9	0.0000223	0.000297	0.00027	0.00103
2031 Dec	61.4	0.0549	0.0118	0.00121	13.3	0.0338	4.78	0.00121	0.00121	0.00000606	0.00872	0.00139	0.0121	0.0235	0.00000606	19.9	0.0000223	0.000297	0.000271	0.00103
2032 Jan	61.4	0.0549	0.0118	0.00121	13.3	0.0338	4.78	0.00121	0.00121	0.00000606	0.00872	0.00139	0.0121	0.0235	0.00000606	19.9	0.0000223	0.000297	0.000271	0.00103
2032 Feb	61.4	0.0549	0.0118	0.00121	13.3	0.0338	4.78	0.00121	0.00121	0.00000606	0.00872	0.00139	0.0121	0.0235	0.00000606	19.9	0.0000223	0.000297	0.000271	0.00103
2032 Mar	61.4	0.0549	0.0118	0.00121	13.3	0.0338	4.78	0.00121	0.00121	0.00000606	0.00872	0.00139	0.0121	0.0235	0.00000606	19.9	0.0000223	0.000297	0.000271	0.00103
2032 Apr	61.5	0.055	0.0118	0.00121	13.3	0.0338	4.79	0.00121	0.00121	0.00000607	0.00874	0.0014	0.0121	0.0235	0.00000607	19.9	0.0000223	0.000297	0.000271	0.00103
2032 May	62.2	0.0556	0.0119	0.00123	13.5	0.0342	4.84	0.00123	0.00123	0.00000613	0.00883	0.00141	0.0122	0.0238	0.00000613	20.1	0.0000226	0.000301	0.000274	0.00104
2032 Jun	57.9	0.0489	0.0112	0.00117	12.3	0.0315	4.41	0.00117	0.00117	0.00000584	0.00843	0.00132	0.0116	0.0219	0.00000584	18.6	0.000022	0.000283	0.000251	0.000966
2032 Jul	52.3	0.042	0.0101	0.00109	11	0.0289	3.93	0.00109	0.00109	0.00000543	0.00781	0.0012	0.0108	0.0196	0.00000543	16.6	0.0000205	0.000257	0.000221	0.000879
2032 Aug	52.8	0.0423	0.0101	0.0011	11.1	0.0298	3.99	0.0011	0.0011	0.00000551	0.00787	0.00122	0.0109	0.0198	0.00000551	16.8	0.0000204	0.000258	0.000221	0.000892
2032 Sep	53.6	0.0433	0.0102	0.00112	11.3	0.0304	4.06	0.00112	0.00112	0.00000559	0.00799	0.00124	0.0111	0.0201	0.00000559	17	0.0000206	0.000262	0.000224	0.000906
2032 Oct	53.8	0.044	0.0103	0.00112	11.4	0.0306	4.08	0.00112	0.00112	0.00000561	0.00802	0.00124	0.0112	0.0201	0.00000561	17.1	0.0000207	0.000262	0.000224	0.00091
2032 Nov	53.8	0.0443	0.0102	0.00112	11.4	0.0307	4.08	0.00112	0.00112	0.00000561	0.00803	0.00124	0.0112	0.0201	0.00000561	17.1	0.0000207	0.000262	0.000224	0.000911
2032 Dec	53.6	0.0444	0.0102	0.00112	11.4	0.0307	4.08	0.00112	0.00112	0.00000559	0.008	0.00124	0.0112	0.0201	0.00000559	17	0.0000206	0.000261	0.000223	0.000908
2033 Jan	53.6	0.0444	0.0102	0.00112	11.4	0.0307	4.08	0.00112	0.00112	0.00000559	0.008	0.00124	0.0112	0.0201	0.00000559	17	0.0000206	0.000261	0.000223	0.000908
2033 Feb	53.6	0.0444	0.0102	0.00112	11.4	0.0307	4.08	0.00112	0.00112	0.00000559	0.00801	0.00124	0.0112	0.0201	0.00000559	17.1	0.0000206	0.000261	0.000223	0.000908
2033 Mar	53.7	0.0444	0.0102	0.00112	11.4	0.0307	4.08	0.00112	0.00112	0.0000056	0.00801	0.00124	0.0112	0.0201	0.0000056	17.1	0.0000206	0.000261	0.000223	0.000909
2033 Apr	53.9	0.0447	0.0102	0.00112	11.4	0.0308	4.1	0.00112	0.00112	0.00000562	0.00805	0.00124	0.0112	0.0202	0.00000562	17.1	0.0000207	0.000262	0.000224	0.000913
2033 May	56.2	0.0463	0.011	0.00113	12	0.0305	4.3	0.00113	0.00113	0.00000563	0.00803	0.00128	0.0112	0.0215	0.00000563	18.1	0.0000209	0.000274	0.000248	0.000938
2033 Jun	55.8	0.0447	0.0114	0.00105	12.1	0.0275	4.27	0.00105	0.00105	0.00000526	0.00747	0.00125	0.0103	0.0219	0.00000526	18.4	0.0000199	0.000274	0.000268	0.000907
2033 Jul	56.7	0.045	0.0116	0.00108	12.2	0.0282	4.34	0.00108	0.00108	0.00000539	0.00765	0.00128	0.0105	0.0223	0.00000539	18.7	0.0000203	0.000279	0.000271	0.000925
2033 Aug	59	0.0467	0.012	0.00112	12.7	0.0295	4.51	0.00112	0.00112	0.00000562	0.00795	0.00133	0.011	0.0231	0.00000562	19.4	0.0000211	0.000289	0.000281	0.000964
2033 Sep	58.1	0.0478	0.0117	0.00111	12.6	0.0297	4.48	0.00111	0.00111	0.00000555	0.00787	0.00131	0.0109	0.0227	0.00000555	19.1	0.0000206	0.000284	0.000273	0.000954
2033 Oct	55.1	0.0502	0.0107	0.00105	12.1	0.0295	4.33	0.00105	0.00105	0.00000526	0.00757	0.00124	0.0105	0.0213	0.00000526	18	0.0000193	0.000265	0.000251	0.000914
2033 Nov	55	0.0509	0.0106	0.00105	12.1	0.0297	4.34	0.00105	0.00105	0.00000526	0.00757	0.00124	0.0105	0.0213	0.00000526	18	0.0000192	0.000265	0.00025	0.000915
2033 Dec	55	0.0509	0.0106	0.00105	12.1	0.0297	4.34	0.00105	0.00105	0.00000526	0.00757	0.00124	0.0105	0.0213	0.00000526	18	0.0000192	0.000265	0.00025	0.000915
2034 Jan	55	0.0509	0.0106	0.00105	12.1	0.0297	4.34	0.00105	0.00105	0.00000526	0.00757	0.00124	0.0105	0.0213	0.00000526	18	0.0000192	0.000265	0.00025	0.000915
2034 Feb	55	0.0509	0.0106	0.00105	12.1	0.0297	4.34	0.00105	0.00105	0.00000526	0.00757	0.00124	0.0105	0.0213	0.00000526	18	0.0000192	0.000265	0.00025	0.000915
2034 Mar	55	0.0509	0.0106	0.00105	12.1	0.0297	4.34	0.00105	0.00105	0.00000526	0.00758	0.00124	0.0105	0.0213	0.00000526	18	0.0000193	0.000265	0.00025	0.000915
2034 Apr	55.2	0.0511	0.0107	0.00106	12.1	0.0298	4.35	0.00106	0.00106	0.00000528	0.00761	0.00124	0.0105	0.0214	0.00000528	18.1	0.0000193	0.000266	0.000251	0.000919
2034 May	56.6	0.0521	0.011	0.00107	12.5	0.03	4.46	0.00107	0.00107	0.00000535	0.00769	0.00127	0.0106	0.022	0.00000535	18.6	0.0000196	0.000272	0.000261	0.000937
2034 Jun	58	0.0514	0.0118	0.00104	12.8	0.0282	4.57	0.00104	0.00104	0.0000052	0.00744	0.00129	0.0102	0.0231	0.0000052	19.4	0.0000195	0.000282	0.000288	0.000938
2034 Jul	57.6	0.0503	0.0117	0.00105	12.7	0.0284	4.52	0.00105	0.00105	0.00000523	0.00745	0.00129	0.0102	0.0229	0.00000523	19.2	0.0000194	0.000279	0.000283	0.000938
2034 Aug	60.5	0.0528	0.0123	0.0011	13.4	0.0301	4.76	0.0011	0.0011	0.00000551	0.00783	0.00135	0.0108	0.0241	0.00000551	20.2	0.0000204	0.000293	0.000297	0.000987
2034 Sep	59.6	0.0541	0.0119	0.00109	13.2	0.0303	4.72	0.00109	0.00109	0.00000544	0.00777	0.00133	0.0107	0.0236	0.00000544	19.8	0.00002	0.000287	0.000289	0.000977
2034 Oct	57.2	0.0555	0.0111	0.00105	12.8	0.0301	4.59	0.00105	0.00105	0.00000524	0.00755	0.00128	0.0104	0.0225	0.00000524	18.9	0.000019	0.000273	0.00027	0.000945
2034 Nov	57.3	0.0559	0.0111	0.00105	12.8	0.0302	4.6	0.00105	0.00105	0.00000525	0.00757	0.00128	0.0104	0.0225	0.00000525	19	0.000019	0.000273	0.00027	0.000947
2034 Dec	57.3	0.0559	0.0111	0.00105	12.8	0.0302	4.6	0.00105	0.00105	0.00000525	0.00758	0.00128	0.0104	0.0225	0.00000525	19	0.0000191	0.000273	0.00027	0.000948
2035 Jan	57.3	0.0559	0.0111	0.00105	12.8	0.0302	4.6	0.00105	0.00105	0.00000525	0.00758	0.00128	0.0104	0.0225	0.00000525	19	0.0000191	0.000273	0.00027	0.000948
2035 Feb	57.3	0.0559	0.0111	0.00105	12.8	0.0302	4.6	0.00105	0.00105	0.00000525	0.00758	0.00128	0.0104	0.0225	0.00000525	19	0.0000191	0.000273	0.00027	0.000948
2035 Mar	57.3	0.0559	0.0111	0.00105	12.8	0.0302	4.6	0.00105	0.00105	0.00000525	0.00758	0.00128	0.0104	0.0225	0.00000525	19	0.0000191	0.000273	0.00027	0.000948
2035 Apr	57.5	0.0561	0.0112	0.00105	12.8	0.0303	4.62	0.00105	0.00105	0.00000527	0.0076	0.00128	0.0105	0.0226	0.00000527	19.1	0.0000191	0.000274	0.000271	0.000951
2035 May	58.6	0.057	0.0114	0.00107	13.1	0.0308	4.7	0.00107	0.00107	0.00000535	0.00772	0.00131	0.0106	0.023	0.00000535	19.4	0.0000194	0.000279	0.000277	0.000967
2035 Jun	55.8	0.0508	0.0112	0.00101	12.3	0.0278	4.4	0.00101	0.00101	0.00000507	0.0073	0.00124	0.00998	0.022	0.00000507	18.5	0.000019	0.00027	0.000271	0.000908
2035 Jul	55.5	0.0495	0.0111	0.00103	12.2	0.0278	4.35	0.00103	0.00103	0.00000513	0.00739	0.00124	0.0101	0.0218	0.00000513	18.4	0.0000193	0.00027	0.000266	0.000907
2035 Aug	56.9	0.0507	0.0113	0.00105	12.5	0.0289	4.46	0.00105	0.00105	0.00000527	0.00757	0.00127	0.0104	0.0223	0.00000527	18.8	0.0000196	0.000276	0.000271	0.00093
2035 Sep	54.7	0.0515	0.0106	0.00102	12.1	0.0289	4.34	0.00102	0.00102	0.0000051	0.00734	0.00122	0.0102	0.0213	0.0000051	18	0.0000186	0.000263	0.000254	0.000901
2035 Oct	53.8	0.0531	0.0103	0.001	12	0.0292	4.31	0.001	0.001	0.00000502	0.00728	0.0012	0.0101	0.0209	0.00000502	17.7	0.0000182	0.000257	0.000246	0.000892
2035 Nov	53	0.0536	0.01	0.00099	11.8	0.0291	4.27	0.00099	0.00099	0.00000495	0.0072	0.00118	0.01	0.0205	0.00000495	17.4	0.0000178	0.000252	0.00024	0.000881
2035 Dec	53	0.0536	0.01	0.00099	11.8	0.0291	4.27	0.00099	0.00099	0.00000495	0.0072	0.00118	0.01	0.0205	0.00000495	17.4	0.0000179	0.000252	0.00024	0.000882
2036 Jan	53	0.0536	0.01	0.00099	11.8	0.0291	4.27	0.00099	0.00099	0.00000495	0.0072	0.00118	0.01	0.0205	0.00000495	17.4	0.0000179	0.000252	0.00024	0.000882
2036 Feb	53	0.0536	0.01	0.00099	11.8	0.0291	4.27	0.00099	0.00099	0.00000495	0.0072	0.00118	0.01	0.0205	0.00000495	17.4	0.0000179	0.000252	0.00024	0.000882
2036 Mar	53	0.0536	0.01	0.00099	11.8	0.0291	4.27	0.00099	0.00099	0.00000495	0.0072	0.00118	0.01	0.0205	0.00000495	17.4	0.0000179	0.000252	0.00024	0.000882
2036 Apr	53.2	0.0539	0.0101	0.000994	11.9	0.0292	4.29	0.000994	0.000994	0.00000497	0.00723	0.00119	0.0101	0.0206	0.00000497	17.5	0.0000179	0.000253	0.000241	0.000886
2036 May	54.2	0.0548	0.0103	0.00101	12.1	0.0297	4.37	0.00101	0.00101	0.00000506	0.00735	0.00121	0.0102	0.021	0.00000506	17.8	0.0000182	0.000258	0.000246	0.000901
2036 Jun	51.8	0.0496	0.00994	0.000986	11.4	0.0279	4.09	0.000986	0.000986	0.00000493	0.00718	0.00116	0.00993	0.0199	0.00000493	16.9	0.0000183	0.00025	0.000234	0.000858
2036 Jul	51.1	0.0474	0.0098	0.000994	11.2	0.0278	4	0.000994	0.000994	0.00000497	0.00721	0.00115	0.00997	0.0196	0.00000497	16.6	0.0000184	0.000247	0.000227	0.000851
2036 Aug	53.3	0.0492	0.0102	0.00104	11.6	0.0292	4.17	0.00104	0.00104	0.00000519	0.00751	0.0012	0.0104	0.0204	0.00000519	17.3	0.0000191	0.000257	0.000236	0.000888
2036 Sep	53.3	0.05	0.0101	0.00104	11.7	0.0295	4.19	0.00104	0.00104	0.00000519	0.00752	0.0012	0.0105	0.0203	0.00000519	17.3	0.000019	0.000257	0.000234	0.00089
2036 Oct	52.5	0.0512	0.00982	0.00102	11.5	0.0296	4.16	0.00102	0.00102	0.00000511	0.00744	0.00118	0.0104	0.0199	0.00000511	17	0.0000186	0.000251	0.000227	0.00088
2036 Nov	52.2	0.0515	0.00974	0.00102	11.5	0.0296	4.15	0.00102	0.00102	0.00000509	0.00742	0.00118	0.0103	0.0198	0.00000509	16.9	0.0000185	0.00025	0.000226	0.000877
2036 Dec	52.2	0.0516	0.00972	0.00102	11.5	0.0295	4.15	0.00102	0.00102	0.00000508	0.00741	0.00117	0.0103	0.0198	0.00000508	16.9	0.0000185	0.000249	0.000225	0.000876
2037 Jan	52.2	0.0516	0.00972	0.00102	11.5	0.0296	4.15	0.00102	0.00102	0.00000508	0.00741	0.00117	0.0103	0.0198	0.00000508	16.9	0.0000185	0.000249	0.000225	0.000876
2037 Feb	52.2	0.0516	0.00972	0.00102	11.5	0.0296	4.15	0.00102	0.00102	0.00000508	0.00741	0.00117	0.0103	0.0198	0.00000508	16.9	0.0000185	0.000249	0.000225	0.000876
2037 Mar	52.2	0.0516	0.00973	0.00102	11.5	0.0296	4.15	0.00102	0.00102	0.00000509	0.00742	0.00118	0.0103	0.0198	0.00000509	16.9	0.0000185	0.00025	0.000225	0.000877
2037 Apr	52.3	0.0517	0.00975	0.00102	11.5	0.0297	4.16	0.00102	0.00102	0.0000051	0.00744	0.00118	0.0103	0.0199	0.0000051	16.9	0.0000185	0.00025	0.000226	0.000879
2037 May	54.5	0.0528	0.0105	0.00102	12.1	0.0292	4.34	0.00102	0.00102	0.00000511	0.00742	0.00122	0.0103	0.0211	0.00000511	17.9	0.0000187	0.000262	0.00025	0.000902
2037 Jun	54.3	0.0503	0.0109	0.00097	12.1	0.0267	4.31	0.00097	0.00097	0.00000485	0.007	0.0012	0.00961	0.0216	0.00000485	18.1	0.0000182	0.000263	0.000267	0.000879

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	55.7	0.0512	0.0112	0.001	12.4	0.0276	4.41	0.001	0.001	0.00000501	0.00722	0.00123	0.00992	0.0221	0.00000501	18.6	0.0000187	0.00027	0.000272	0.000904
2037 Aug	57.5	0.0527	0.0115	0.00104	12.8	0.0287	4.55	0.00104	0.00104	0.00000519	0.00746	0.00128	0.0103	0.0228	0.00000519	19.2	0.0000193	0.000278	0.000281	0.000935
2037 Sep	58.6	0.0541	0.0117	0.00106	13	0.0294	4.64	0.00106	0.00106	0.00000529	0.0076	0.0013	0.0105	0.0232	0.00000529	19.5	0.0000196	0.000283	0.000284	0.000952
2037 Oct	57.7	0.0551	0.0114	0.00104	12.9	0.0295	4.6	0.00104	0.00104	0.00000522	0.00754	0.00128	0.0104	0.0227	0.00000522	19.2	0.0000192	0.000278	0.000277	0.000943
2037 Nov	57.7	0.0554	0.0113	0.00104	12.9	0.0296	4.61	0.00104	0.00104	0.00000522	0.00755	0.00128	0.0104	0.0227	0.00000522	19.2	0.0000192	0.000277	0.000276	0.000944
2037 Dec	57.7	0.0555	0.0114	0.00105	12.9	0.0296	4.61	0.00105	0.00105	0.00000523	0.00755	0.00128	0.0104	0.0227	0.00000523	19.2	0.0000192	0.000277	0.000276	0.000944
2038 Jan	57.7	0.0555	0.0114	0.00105	12.9	0.0296	4.61	0.00105	0.00105	0.00000523	0.00755	0.00128	0.0104	0.0227	0.00000523	19.2	0.0000192	0.000277	0.000276	0.000944
2038 Feb	57.7	0.0555	0.0114	0.00105	12.9	0.0296	4.61	0.00105	0.00105	0.00000523	0.00756	0.00128	0.0104	0.0227	0.00000523	19.2	0.0000192	0.000278	0.000277	0.000944
2038 Mar	57.7	0.0555	0.0114	0.00105	12.9	0.0296	4.61	0.00105	0.00105	0.00000523	0.00756	0.00128	0.0104	0.0227	0.00000523	19.2	0.0000192	0.000278	0.000277	0.000944
2038 Apr	57.9	0.0556	0.0114	0.00105	12.9	0.0297	4.62	0.00105	0.00105	0.00000524	0.00757	0.00128	0.0105	0.0228	0.00000524	19.2	0.0000193	0.000278	0.000277	0.000947
2038 May	59.2	0.0565	0.0117	0.00106	13.2	0.0298	4.73	0.00106	0.00106	0.00000529	0.00764	0.00131	0.0105	0.0234	0.00000529	19.7	0.0000195	0.000285	0.000288	0.000963
2038 Jun	59.7	0.0547	0.0123	0.00102	13.4	0.0278	4.75	0.00102	0.00102	0.0000051	0.00732	0.00131	0.01	0.0241	0.0000051	20.2	0.0000192	0.000289	0.000308	0.000952
2038 Jul	62.6	0.0571	0.0129	0.00108	14	0.0292	4.97	0.00108	0.00108	0.00000538	0.00772	0.00137	0.0106	0.0253	0.00000538	21.1	0.0000203	0.000304	0.000322	0.000999
2038 Aug	65.3	0.0596	0.0134	0.00113	14.6	0.0308	5.19	0.00113	0.00113	0.00000563	0.00805	0.00143	0.0111	0.0263	0.00000563	22	0.000021	0.000317	0.000334	0.00104
2038 Sep	65.1	0.0605	0.0133	0.00113	14.6	0.0311	5.2	0.00113	0.00113	0.00000563	0.00807	0.00143	0.0111	0.0262	0.00000563	21.9	0.0000209	0.000315	0.000331	0.00104
2038 Oct	64.3	0.0614	0.013	0.00111	14.5	0.0312	5.16	0.00111	0.00111	0.00000557	0.00802	0.00141	0.0111	0.0258	0.00000557	21.6	0.0000206	0.00031	0.000323	0.00104
2038 Nov	64.4	0.0616	0.013	0.00112	14.5	0.0313	5.17	0.00112	0.00112	0.00000558	0.00804	0.00141	0.0111	0.0258	0.00000558	21.7	0.0000206	0.00031	0.000324	0.00104
2038 Dec	64.4	0.0616	0.013	0.00112	14.5	0.0313	5.17	0.00112	0.00112	0.00000558	0.00804	0.00141	0.0111	0.0258	0.00000558	21.7	0.0000206	0.00031	0.000324	0.00104
2039 Jan	64.4	0.0616	0.013	0.00112	14.5	0.0313	5.17	0.00112	0.00112	0.00000558	0.00804	0.00141	0.0111	0.0258	0.00000558	21.7	0.0000206	0.00031	0.000324	0.00104
2039 Feb	64.4	0.0616	0.013	0.00112	14.5	0.0313	5.17	0.00112	0.00112	0.00000558	0.00804	0.00141	0.0111	0.0258	0.00000558	21.7	0.0000206	0.00031	0.000324	0.00104
2039 Mar	64.5	0.0616	0.013	0.00112	14.5	0.0314	5.17	0.00112	0.00112	0.00000559	0.00805	0.00142	0.0111	0.0258	0.00000559	21.7	0.0000207	0.000311	0.000324	0.00104
2039 Apr	64.6	0.0618	0.013	0.00112	14.6	0.0314	5.19	0.00112	0.00112	0.0000056	0.00806	0.00142	0.0111	0.0259	0.0000056	21.7	0.0000207	0.000311	0.000325	0.00104
2039 May	65.4	0.0625	0.0132	0.00113	14.7	0.0318	5.25	0.00113	0.00113	0.00000567	0.00816	0.00144	0.0112	0.0262	0.00000567	22	0.000021	0.000315	0.000329	0.00105
2039 Jun	59.4	0.0536	0.012	0.00108	13.1	0.0292	4.66	0.00108	0.00108	0.00000539	0.0078	0.00131	0.0107	0.0234	0.00000539	19.7	0.0000205	0.00029	0.000289	0.000959
2039 Jul	55.2	0.0475	0.011	0.00104	12	0.028	4.28	0.00104	0.00104	0.00000519	0.00745	0.00124	0.0102	0.0216	0.00000519	18.1	0.0000195	0.000269	0.000261	0.000902
2039 Aug	55.3	0.0468	0.011	0.00106	12.1	0.029	4.31	0.00106	0.00106	0.00000528	0.00747	0.00125	0.0103	0.0216	0.00000528	18.2	0.0000192	0.000267	0.000258	0.000917
2039 Sep	56.1	0.0482	0.0111	0.00107	12.3	0.0297	4.39	0.00107	0.00107	0.00000537	0.0076	0.00127	0.0105	0.0219	0.00000537	18.4	0.0000195	0.000271	0.000261	0.000933
2039 Oct	55.9	0.0489	0.011	0.00107	12.2	0.0298	4.38	0.00107	0.00107	0.00000535	0.00759	0.00127	0.0105	0.0218	0.00000535	18.3	0.0000193	0.000269	0.000258	0.000931
2039 Nov	56	0.049	0.011	0.00107	12.3	0.0299	4.39	0.00107	0.00107	0.00000536	0.00761	0.00127	0.0105	0.0218	0.00000536	18.4	0.0000194	0.000269	0.000259	0.000933
2039 Dec	56	0.049	0.011	0.00107	12.3	0.0299	4.39	0.00107	0.00107	0.00000536	0.00761	0.00127	0.0105	0.0218	0.00000536	18.4	0.0000194	0.000269	0.000259	0.000933
2040 Jan	56	0.049	0.011	0.00107	12.3	0.0299	4.39	0.00107	0.00107	0.00000536	0.00761	0.00127	0.0105	0.0218	0.00000536	18.4	0.0000194	0.000269	0.000259	0.000933
2040 Feb	56	0.049	0.011	0.00107	12.3	0.0299	4.39	0.00107	0.00107	0.00000536	0.00761	0.00127	0.0106	0.0218	0.00000536	18.4	0.0000194	0.000269	0.000259	0.000933
2040 Mar	56.1	0.0491	0.011	0.00107	12.3	0.0299	4.4	0.00107	0.00107	0.00000536	0.00762	0.00127	0.0106	0.0219	0.00000536	18.4	0.0000194	0.00027	0.000259	0.000934
2040 Apr	56.2	0.0492	0.011	0.00108	12.3	0.03	4.41	0.00108	0.00108	0.00000538	0.00763	0.00127	0.0106	0.0219	0.00000538	18.4	0.0000195	0.00027	0.00026	0.000936
2040 May	57.3	0.05	0.0113	0.00109	12.6	0.0302	4.49	0.00109	0.00109	0.00000544	0.00771	0.0013	0.0107	0.0224	0.00000544	18.8	0.0000197	0.000276	0.000267	0.000951
2040 Jun	57.5	0.0482	0.0118	0.00104	12.7	0.0277	4.49	0.00104	0.00104	0.00000519	0.00733	0.00128	0.0101	0.023	0.00000519	19.2	0.0000193	0.00028	0.000288	0.000931
2040 Jul	58.5	0.0486	0.012	0.00106	12.8	0.0283	4.56	0.00106	0.00106	0.00000532	0.00752	0.00131	0.0103	0.0234	0.00000532	19.5	0.0000198	0.000285	0.000291	0.000949
2040 Aug	59.9	0.0496	0.0123	0.00109	13.1	0.0293	4.67	0.00109	0.00109	0.00000546	0.0077	0.00134	0.0106	0.0239	0.00000546	20	0.0000202	0.000291	0.000297	0.000974
2040 Sep	60	0.0502	0.0122	0.0011	13.2	0.0298	4.69	0.0011	0.0011	0.00000549	0.00773	0.00135	0.0107	0.0239	0.00000549	20	0.0000201	0.000291	0.000295	0.000978
2040 Oct	60.2	0.0511	0.0122	0.0011	13.3	0.0301	4.72	0.0011	0.0011	0.00000551	0.00777	0.00135	0.0108	0.0239	0.00000551	20	0.0000201	0.000292	0.000295	0.000982
2040 Nov	60.4	0.0513	0.0122	0.00111	13.3	0.0302	4.73	0.00111	0.00111	0.00000553	0.00779	0.00135	0.0108	0.024	0.00000553	20.1	0.0000202	0.000292	0.000296	0.000985
2040 Dec	60.4	0.0513	0.0123	0.00111	13.3	0.0302	4.73	0.00111	0.00111	0.00000553	0.0078	0.00135	0.0108	0.024	0.00000553	20.1	0.0000202	0.000292	0.000296	0.000985
2041 Jan	60.4	0.0513	0.0123	0.00111	13.3	0.0302	4.73	0.00111	0.00111	0.00000553	0.0078	0.00135	0.0108	0.024	0.00000553	20.1	0.0000202	0.000292	0.000296	0.000985
2041 Feb	60.4	0.0513	0.0123	0.00111	13.3	0.0302	4.73	0.00111	0.00111	0.00000553	0.0078	0.00136	0.0108	0.024	0.00000553	20.1	0.0000202	0.000292	0.000296	0.000985
2041 Mar	60.4	0.0513	0.0123	0.00111	13.3	0.0302	4.74	0.00111	0.00111	0.00000553	0.0078	0.00136	0.0108	0.024	0.00000553	20.1	0.0000202	0.000293	0.000296	0.000986
2041 Apr	60.5	0.0514	0.0123	0.00111	13.3	0.0303	4.75	0.00111	0.00111	0.00000554	0.00782	0.00136	0.0108	0.0241	0.00000554	20.2	0.0000202	0.000293	0.000297	0.000988
2041 May	61.1	0.0519	0.0124	0.00112	13.5	0.0305	4.79	0.00112	0.00112	0.00000559	0.00788	0.00137	0.0109	0.0243	0.00000559	20.4	0.0000204	0.000296	0.0003	0.000997
2041 Jun	56.7	0.0456	0.0115	0.00108	12.3	0.0285	4.35	0.00108	0.00108	0.00000539	0.00764	0.00128	0.0105	0.0222	0.00000539	18.6	0.0000202	0.000278	0.00027	0.000926
2041 Jul	52.5	0.0404	0.0106	0.00103	11.2	0.0268	3.97	0.00103	0.00103	0.00000515	0.00731	0.00119	0.0101	0.0203	0.00000515	17.1	0.0000195	0.000259	0.000243	0.000864
2041 Aug	54.5	0.0419	0.011	0.00107	11.6	0.0281	4.13	0.00107	0.00107	0.00000536	0.00758	0.00124	0.0105	0.0211	0.00000536	17.7	0.0000201	0.000268	0.000251	0.000898
2041 Sep	55	0.0428	0.011	0.00108	11.8	0.0287	4.17	0.00108	0.00108	0.00000541	0.00765	0.00125	0.0106	0.0212	0.00000541	17.9	0.0000201	0.00027	0.000252	0.000907
2041 Oct	54.8	0.0438	0.0109	0.00108	11.8	0.0289	4.18	0.00108	0.00108	0.00000539	0.00765	0.00125	0.0106	0.0211	0.00000539	17.8	0.00002	0.000268	0.000249	0.000906
2041 Nov	54.9	0.0441	0.0109	0.00108	11.8	0.029	4.2	0.00108	0.00108	0.00000541	0.00767	0.00125	0.0107	0.0212	0.00000541	17.9	0.00002	0.000269	0.00025	0.000909
2041 Dec	55	0.0441	0.0109	0.00108	11.8	0.029	4.2	0.00108	0.00108	0.00000541	0.00768	0.00125	0.0107	0.0212	0.00000541	17.9	0.0000201	0.000269	0.00025	0.00091
2042 Jan	55	0.0441	0.0109	0.00108	11.8	0.029	4.2	0.00108	0.00108	0.00000541	0.00768	0.00125	0.0107	0.0212	0.00000541	17.9	0.0000201	0.000269	0.00025	0.00091
2042 Feb	55	0.0441	0.0109	0.00108	11.8	0.029	4.2	0.00108	0.00108	0.00000541	0.00768	0.00125	0.0107	0.0212	0.00000541	17.9	0.0000201	0.000269	0.00025	0.00091
2042 Mar	55	0.0442	0.0109	0.00108	11.8	0.029	4.2	0.00108	0.00108	0.00000542	0.00768	0.00125	0.0107	0.0212	0.00000542	17.9	0.0000201	0.000269	0.00025	0.00091
2042 Apr	55.2	0.0444	0.011	0.00109	11.9	0.0292	4.22	0.00109	0.00109	0.00000544	0.00771	0.00126	0.0107	0.0213	0.00000544	18	0.0000202	0.00027	0.000251	0.000914
2042 May	56.3	0.0452	0.0112	0.00111	12.1	0.0296	4.31	0.00111	0.00111	0.00000553	0.00784	0.00128	0.0109	0.0218	0.00000553	18.3	0.0000205	0.000276	0.000257	0.000931
2042 Jun	53.7	0.0413	0.0107	0.00107	11.4	0.0281	4.04	0.00107	0.00107	0.00000537	0.00765	0.00122	0.0106	0.0205	0.00000537	17.3	0.0000203	0.000265	0.000241	0.000886
2042 Jul	51.6	0.0383	0.0102	0.00106	10.8	0.0276	3.85	0.00106	0.00106	0.00000529	0.0075	0.00119	0.0104	0.0196	0.00000529	16.5	0.0000199	0.000255	0.000227	0.000859
2042 Aug	50.6	0.0378	0.00991	0.00104	10.7	0.0281	3.8	0.00104	0.00104	0.00000522	0.00732	0.00117	0.0103	0.0192	0.00000522	16.2	0.0000189	0.000248	0.000218	0.000848
2042 Sep	50.2	0.0386	0.00971	0.00104	10.7	0.0285	3.8	0.00104	0.00104	0.00000519	0.00725	0.00116	0.0104	0.019	0.00000519	16.1	0.0000184	0.000245	0.000213	0.000843
2042 Oct	49.8	0.0398	0.00954	0.00103	10.6	0.0286	3.8	0.00103	0.00103	0.00000514	0.00721	0.00115	0.0103	0.0188	0.00000514	15.9	0.0000182	0.000242	0.00021	0.000839
2042 Nov	49.9	0.04	0.00956	0.00103	10.7	0.0287	3.81	0.00103	0.00103	0.00000516	0.00724	0.00115	0.0104	0.0188	0.00000516	16	0.0000183	0.000243	0.00021	0.000841
2042 Dec	49.9	0.04	0.00957	0.00103	10.7	0.0287	3.81	0.00103	0.00103	0.00000516	0.00724	0.00115	0.0104	0.0188	0.00000516	16	0.0000183	0.000243	0.00021	0.000842
2043 Jan	49.9	0.04	0.00957	0.00103	10.7	0.0287	3.81	0.00103	0.00103	0.00000516	0.00724	0.00115	0.0104	0.0188	0.00000516	16	0.0000183	0.000243	0.00021	0.000842
2043 Feb	49.9	0.04	0.00957	0.00103	10.7	0.0287	3.81	0.00103	0.00103	0.00000516	0.00724	0.00115	0.0104	0.0188	0.00000516	16	0.0000183	0.000243	0.00021	0.000842
2043 Mar	50	0.04	0.00957	0.00103	10.7	0.0287	3.81	0.00103	0.00103	0.00000516	0.00724	0.00115	0.0104	0.0188	0.00000516	16	0.0000183	0.000243	0.00021	0.000842
2043 Apr	50.2	0.0401	0.00961	0.00104	10.7	0.0288	3.83	0.00104	0.00104	0.00000518	0.00727	0.00116	0.0104	0.0189	0.00000518	16.1	0.0000183	0.000244	0.000211	0.000845
2043 May	51.4	0.0411	0.00989	0.00105	11	0.0293	3.93	0.00105	0.00105	0.00000527	0.00739	0.00118	0.0106	0.0194	0.00000527	16.5	0.0000187	0.00025	0.000219	0.000863
2043 Jun	52.8	0.0411	0.0106	0.00102	11.4	0.0273	4.03	0.00102	0.00102	0.00000511	0.00715	0.0012	0.0101	0.0205	0.00000511	17.3	0.0000186	0.000259	0.000246	0.000864
2043 Jul	54.5	0.042	0.011	0.00106	11.7	0.0284	4.16	0.00106	0.00106	0.00000531	0.00744	0.00124	0.0105	0.0212	0.00000531	17.8	0.0000194	0.000267	0.000252	0.000895
2043 Aug	56.5	0.0436	0.0113	0.0011	12.2	0.0298	4.32	0.0011	0.0011	0.00000552	0.0077	0.00129	0.0109	0.0219	0.00000552	18.5	0.0000199	0.000277	0.00026	0.00093
2043 Sep	56.7	0.0443	0.0113	0.00111	12.3	0.0302	4.35	0.00111	0.00111	0.00000555	0.00773	0.00129	0.0111	0.022	0.00000555	18.5	0.0000198	0.000277	0.000259	0.000934
2043 Oct	56.4	0.0459	0.0111	0.0011	12.2	0.0305	4.35	0.0011	0.0011	0.00000552	0.00773	0.00128	0.011	0.0218	0.00000552	18.4	0.0000196	0.000274	0.000255	0.000932
2043 Nov	56	0.047	0.0109	0.0011	12.2	0.0307	4.35	0.0011	0.0011	0.00000548	0.00771	0.00128	0.011	0.0216	0.00000548	18.3	0.0000195	0.000272	0.000251	0.00093

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	56.1	0.047	0.0109	0.0011	12.2	0.0307	4.35	0.0011	0.0011	0.00000549	0.00771	0.00128	0.011	0.0216	0.00000549	18.3	0.0000195	0.000272	0.000251	0.00093
2044 Jan	56.1	0.0471	0.011	0.0011	12.2	0.0307	4.37	0.0011	0.0011	0.00000549	0.00771	0.00128	0.011	0.0216	0.00000549	18.3	0.0000195	0.000272	0.000251	0.00093
2044 Feb	56.2	0.0471	0.011	0.0011	12.2	0.0307	4.4	0.0011	0.0011	0.00000549	0.00772	0.00128	0.011	0.0216	0.00000549	18.3	0.0000195	0.000273	0.000252	0.000931
2044 Mar	56.2	0.0471	0.011	0.0011	12.2	0.0307	4.4	0.0011	0.0011	0.00000549	0.00772	0.00128	0.011	0.0216	0.00000549	18.3	0.0000195	0.000273	0.000252	0.000932
2044 Apr	56.4	0.0472	0.0111	0.0011	12.3	0.0308	4.41	0.0011	0.0011	0.0000055	0.00774	0.00128	0.0111	0.0217	0.0000055	18.4	0.0000196	0.000274	0.000252	0.000933
2044 May	57.5	0.048	0.0115	0.00112	12.5	0.0313	4.62	0.00112	0.00112	0.00000558	0.00784	0.0013	0.0113	0.022	0.00000558	18.6	0.0000198	0.000281	0.000256	0.000947
2044 Jun	64.6	0.0431	0.0216	0.00124	13.6	0.0306	9.96	0.00104	0.00104	0.00000524	0.00747	0.00127	0.0156	0.0201	0.00000531	17.9	0.0000203	0.000395	0.000232	0.000875
2044 Jul	78.5	0.0455	0.0338	0.00148	16.4	0.034	16.4	0.00106	0.00106	0.00000537	0.00772	0.00137	0.0213	0.0205	0.00000551	19.3	0.0000217	0.000546	0.000235	0.000902
2044 Aug	94.2	0.0507	0.0459	0.00174	19.7	0.0386	22.8	0.00111	0.00111	0.00000568	0.00818	0.00152	0.0271	0.0219	0.00000589	21.5	0.0000236	0.000701	0.00025	0.00097
2044 Sep	123	0.0585	0.0719	0.00217	25.7	0.0456	36.9	0.00108	0.00108	0.0000056	0.00815	0.00168	0.039	0.0222	0.00000597	24	0.0000246	0.00102	0.000251	0.001
2044 Oct	145	0.0653	0.0916	0.00251	30.3	0.0508	47.4	0.00106	0.00106	0.00000557	0.00823	0.00182	0.0479	0.0227	0.00000606	26.1	0.0000258	0.00126	0.000254	0.00103
2044 Nov	150	0.0671	0.0964	0.00259	31.5	0.0521	50	0.00106	0.00106	0.00000558	0.00827	0.00185	0.0501	0.0228	0.0000061	26.6	0.0000261	0.00132	0.000256	0.00104
2044 Dec	151	0.0674	0.0974	0.00261	31.7	0.0524	50.6	0.00106	0.00106	0.00000558	0.00827	0.00186	0.0506	0.0229	0.00000611	26.7	0.0000262	0.00133	0.000256	0.00104
2045 Jan	151	0.0674	0.0975	0.00261	31.7	0.0524	50.7	0.00106	0.00106	0.00000558	0.00827	0.00186	0.0506	0.0229	0.00000611	26.8	0.0000262	0.00133	0.000256	0.00104
2045 Feb	151	0.0674	0.0976	0.00261	31.7	0.0524	50.7	0.00106	0.00106	0.00000558	0.00827	0.00186	0.0507	0.0229	0.00000611	26.8	0.0000262	0.00133	0.000256	0.00104
2045 Mar	151	0.0675	0.0976	0.00262	31.8	0.0525	50.7	0.00106	0.00106	0.00000559	0.00828	0.00186	0.0507	0.0229	0.00000611	26.8	0.0000262	0.00133	0.000257	0.00104
2045 Apr	152	0.0676	0.0978	0.00262	31.8	0.0526	50.8	0.00106	0.00106	0.0000056	0.00829	0.00187	0.0508	0.0229	0.00000612	26.8	0.0000263	0.00133	0.000257	0.00105
2045 May	154	0.0684	0.099	0.00265	32.2	0.0532	51.4	0.00108	0.00108	0.00000567	0.0084	0.00189	0.0514	0.0232	0.0000062	27.2	0.0000266	0.00135	0.00026	0.00106
2045 Jun	221	0.0773	0.155	0.00359	44.3	0.0678	86.5	0.00101	0.00101	0.00000554	0.00852	0.0023	0.0811	0.0237	0.00000647	33.1	0.0000314	0.00215	0.000262	0.00111
2045 Jul	234	0.078	0.166	0.0038	46.6	0.071	93.7	0.00101	0.00101	0.00000561	0.00868	0.00239	0.0873	0.0237	0.00000662	34.3	0.0000329	0.00231	0.000261	0.00113
2045 Aug	253	0.0831	0.181	0.00408	50.3	0.0762	102	0.00104	0.00104	0.00000581	0.00901	0.00254	0.0949	0.0249	0.00000692	36.6	0.0000346	0.00252	0.000273	0.00118
2045 Sep	268	0.0872	0.193	0.0043	53.2	0.0801	110	0.00104	0.00104	0.00000583	0.00909	0.00265	0.101	0.0253	0.00000702	38.2	0.0000354	0.00269	0.000277	0.00121
2045 Oct	284	0.0911	0.205	0.00451	56.1	0.0839	117	0.00104	0.00104	0.00000587	0.00921	0.00276	0.108	0.0259	0.00000715	39.8	0.0000365	0.00286	0.000283	0.00124
2045 Nov	287	0.092	0.208	0.00457	56.9	0.0848	119	0.00104	0.00104	0.00000589	0.00924	0.00278	0.109	0.026	0.00000719	40.2	0.0000368	0.0029	0.000285	0.00125
2045 Dec	289	0.0923	0.209	0.00459	57.1	0.0852	120	0.00104	0.00104	0.00000589	0.00926	0.00279	0.11	0.0261	0.0000072	40.4	0.0000369	0.00292	0.000285	0.00125
2046 Jan	289	0.0924	0.21	0.00459	57.2	0.0853	120	0.00104	0.00104	0.00000589	0.00926	0.0028	0.11	0.0261	0.0000072	40.4	0.0000369	0.00292	0.000286	0.00125
2046 Feb	289	0.0924	0.21	0.00459	57.2	0.0853	120	0.00104	0.00104	0.00000589	0.00926	0.0028	0.11	0.0261	0.0000072	40.4	0.0000369	0.00292	0.000286	0.00125
2046 Mar	289	0.0925	0.21	0.0046	57.2	0.0853	120	0.00104	0.00104	0.0000059	0.00927	0.0028	0.11	0.0261	0.00000721	40.5	0.000037	0.00293	0.000286	0.00125
2046 Apr	291	0.0929	0.211	0.00462	57.5	0.0857	121	0.00105	0.00105	0.00000592	0.00931	0.00281	0.111	0.0262	0.00000724	40.7	0.0000371	0.00294	0.000287	0.00126
2046 May	296	0.0945	0.215	0.0047	58.6	0.0873	123	0.00106	0.00106	0.000006	0.00944	0.00286	0.113	0.0267	0.00000735	41.4	0.0000378	0.003	0.000292	0.00128
2046 Jun	274	0.0828	0.195	0.00431	53	0.0805	115	0.000996	0.000996	0.00000564	0.00892	0.00265	0.106	0.0242	0.0000069	38.1	0.0000361	0.0028	0.000263	0.00117
2046 Jul	239	0.0712	0.168	0.0038	45.9	0.0715	99.1	0.000967	0.000967	0.00000541	0.00847	0.00237	0.0919	0.0219	0.00000649	33.7	0.0000335	0.00243	0.000234	0.00107
2046 Aug	260	0.0762	0.183	0.0041	49.7	0.0774	109	0.000994	0.000994	0.0000056	0.00879	0.00255	0.101	0.0231	0.0000068	36.3	0.0000353	0.00267	0.000247	0.00113
2046 Sep	286	0.0828	0.202	0.00441	54.2	0.0844	123	0.000967	0.000967	0.00000555	0.00881	0.00273	0.113	0.0238	0.0000069	39.1	0.0000365	0.00299	0.000253	0.00117
2046 Oct	309	0.0894	0.218	0.00468	58	0.0904	135	0.000945	0.000945	0.00000551	0.00888	0.00288	0.123	0.0244	0.000007	41.5	0.0000378	0.00326	0.000259	0.00121
2046 Nov	322	0.0925	0.228	0.00485	60.3	0.0937	142	0.000939	0.000939	0.00000552	0.00896	0.00298	0.128	0.0248	0.00000709	43	0.0000387	0.00342	0.000264	0.00123
2046 Dec	324	0.0929	0.23	0.00488	60.7	0.0943	143	0.000939	0.000939	0.00000553	0.00897	0.00299	0.129	0.0249	0.00000711	43.2	0.0000389	0.00344	0.000265	0.00124
2047 Jan	325	0.093	0.23	0.00488	60.8	0.0944	144	0.000939	0.000939	0.00000553	0.00898	0.003	0.13	0.0249	0.00000711	43.2	0.0000389	0.00345	0.000265	0.00124
2047 Feb	325	0.093	0.23	0.00488	60.8	0.0944	144	0.000939	0.000939	0.00000553	0.00898	0.003	0.13	0.0249	0.00000711	43.2	0.0000389	0.00345	0.000265	0.00124
2047 Mar	325	0.0932	0.23	0.00489	60.9	0.0945	144	0.00094	0.00094	0.00000554	0.00899	0.003	0.13	0.025	0.00000712	43.3	0.000039	0.00345	0.000265	0.00124
2047 Apr	326	0.0934	0.231	0.0049	61	0.0947	144	0.000942	0.000942	0.00000555	0.00901	0.00301	0.13	0.025	0.00000714	43.4	0.000039	0.00346	0.000266	0.00124
2047 May	331	0.095	0.233	0.00494	61.8	0.0958	146	0.000947	0.000947	0.00000559	0.00906	0.00306	0.132	0.0259	0.00000719	44.5	0.0000395	0.00352	0.000281	0.00127
2047 Jun	305	0.0907	0.207	0.00442	56.7	0.0867	132	0.000918	0.000918	0.00000536	0.00856	0.00294	0.119	0.0281	0.0000068	43.7	0.0000373	0.00321	0.000334	0.00126
2047 Jul	324	0.095	0.22	0.00467	59.9	0.092	141	0.000958	0.000958	0.00000561	0.00897	0.00311	0.127	0.0294	0.00000715	46.2	0.0000394	0.00342	0.000348	0.00132
2047 Aug	348	0.101	0.236	0.00499	64.1	0.0988	153	0.000993	0.000993	0.00000585	0.00939	0.00332	0.137	0.0309	0.00000753	49.3	0.0000417	0.0037	0.000366	0.0014
2047 Sep	371	0.105	0.251	0.00523	67.4	0.105	166	0.000975	0.000975	0.00000584	0.00946	0.00348	0.148	0.0314	0.00000766	51.8	0.000043	0.00399	0.000369	0.00143
2047 Oct	392	0.11	0.264	0.00545	70.4	0.111	178	0.000949	0.000949	0.00000578	0.00951	0.00362	0.158	0.0317	0.00000774	54	0.0000442	0.00426	0.00037	0.00146
2047 Nov	399	0.112	0.269	0.00553	71.5	0.113	182	0.000944	0.000944	0.00000578	0.00955	0.00368	0.162	0.0319	0.00000778	54.8	0.0000447	0.00435	0.000371	0.00148
2047 Dec	401	0.113	0.27	0.00556	71.8	0.114	183	0.000943	0.000943	0.00000578	0.00956	0.00369	0.162	0.032	0.0000078	55	0.0000448	0.00437	0.000372	0.00148
2048 Jan	402	0.113	0.27	0.00556	71.9	0.114	183	0.000943	0.000943	0.00000578	0.00956	0.00369	0.163	0.032	0.0000078	55	0.0000449	0.00438	0.000372	0.00148
2048 Feb	402	0.113	0.27	0.00556	71.9	0.114	183	0.000943	0.000943	0.00000579	0.00957	0.0037	0.163	0.032	0.0000078	55.1	0.0000449	0.00438	0.000372	0.00148
2048 Mar	402	0.113	0.27	0.00556	71.9	0.114	183	0.000944	0.000944	0.00000579	0.00957	0.0037	0.163	0.032	0.0000078	55.1	0.0000449	0.00438	0.000372	0.00148
2048 Apr	403	0.113	0.271	0.00558	72.2	0.114	184	0.000947	0.000947	0.0000058	0.0096	0.00371	0.163	0.0321	0.00000783	55.3	0.000045	0.0044	0.000374	0.00149
2048 May	409	0.115	0.275	0.00566	73.2	0.116	187	0.00096	0.00096	0.00000589	0.00973	0.00376	0.166	0.0326	0.00000794	56	0.0000457	0.00446	0.000379	0.00151
2048 Jun	334	0.0935	0.222	0.0047	59.6	0.0962	150	0.000933	0.000933	0.00000554	0.00903	0.00316	0.135	0.0279	0.00000719	46.6	0.0000404	0.00362	0.00032	0.00131
2048 Jul	289	0.0799	0.189	0.00412	51.2	0.0848	128	0.000927	0.000927	0.00000538	0.00866	0.00281	0.116	0.0251	0.00000679	40.9	0.0000373	0.00311	0.000283	0.00119
2048 Aug	314	0.0844	0.203	0.00439	54.7	0.0924	142	0.000936	0.000936	0.00000551	0.00887	0.00302	0.128	0.0263	0.00000707	44	0.000039	0.00343	0.000293	0.00125
2048 Sep	339	0.0892	0.218	0.00463	58.1	0.0996	156	0.000923	0.000923	0.00000552	0.00899	0.00321	0.14	0.0271	0.00000725	46.9	0.0000406	0.00375	0.000301	0.0013
2048 Oct	357	0.0933	0.228	0.0048	60.6	0.105	167	0.000906	0.000906	0.00000551	0.00906	0.00335	0.149	0.0276	0.00000735	49	0.0000418	0.00399	0.000306	0.00133
2048 Nov	363	0.0949	0.231	0.00486	61.4	0.107	170	0.000904	0.000904	0.00000552	0.00911	0.00339	0.152	0.0278	0.00000739	49.8	0.0000422	0.00407	0.000308	0.00135
2048 Dec	364	0.095	0.232	0.00487	61.5	0.107	171	0.000904	0.000904	0.00000552	0.00912	0.0034	0.152	0.0278	0.0000074	49.8	0.0000423	0.00407	0.000308	0.00135
2049 Jan	364	0.095	0.232	0.00487	61.5	0.107	171	0.000904	0.000904	0.00000552	0.00912	0.0034	0.152	0.0278	0.0000074	49.8	0.0000423	0.00407	0.000308	0.00135
2049 Feb	364	0.095	0.232	0.00487	61.5	0.107	171	0.000904	0.000904	0.00000552	0.00912	0.0034	0.152	0.0278	0.0000074	49.8	0.0000423	0.00407	0.000308	0.00135
2049 Mar	364	0.0951	0.232	0.00487	61.5	0.107	171	0.000905	0.000905	0.00000552	0.00912	0.0034	0.152	0.0279	0.0000074	49.9	0.0000423	0.00408	0.000309	0.00135
2049 Apr	365	0.0954	0.233	0.00489	61.7	0.107	171	0.000908	0.000908	0.00000554	0.00915	0.00341	0.153	0.028	0.00000743	50	0.0000424	0.00409	0.00031	0.00135
2049 May	370	0.0968	0.236	0.00495	62.6	0.109	174	0.000921	0.000921	0.00000562	0.00928	0.00346	0.155	0.0284	0.00000753	50.7	0.000043	0.00415	0.000314	0.00137
2049 Jun	298	0.0776	0.186	0.00406	50.1	0.0891	138	0.000899	0.000899	0.0000053	0.00861	0.00288	0.124	0.0244	0.00000681	41.8	0.0000379	0.00331	0.000267	0.00119
2049 Jul	284	0.0721	0.175	0.00386	47.1	0.0857	131	0.000896	0.000896	0.00000525	0.00849	0.00278	0.119	0.0234	0.00000669	40	0.0000371	0.00317	0.000254	0.00115
2049 Aug	309	0.0772	0.189	0.00415	50.8	0.0931	144	0.000937	0.000937	0.00000553	0.00897	0.003	0.13	0.025	0.00000711	43.3	0.0000397	0.00347	0.000271	0.00123
2049 Sep	330	0.0816	0.199	0.00432	53.3	0.0994	157	0.000922	0.000922	0.00000553	0.00906	0.00317	0.141	0.0257	0.00000725	45.9	0.000041	0.00375	0.000278	0.00127
2049 Oct	346	0.0856	0.207	0.00444	55	0.104	166	0.000905	0.000905	0.00000549	0.00912	0.00329	0.148	0.0262	0.00000732	47.8	0.000042	0.00396	0.000282	0.0013
2049 Nov	360	0.0881	0.215	0.00457	56.9	0.108	174	0.000899	0.000899	0.00000551	0.00921	0.00341	0.156	0.0268	0.00000744	49.6	0.0000431	0.00415	0.000288	0.00133
2049 Dec	362	0.0884	0.215	0.00459	57.1	0.109	175	0.000898	0.000898	0.00000552	0.00923	0.00342	0.156	0.0268	0.00000745	49.8	0.0000432	0.00417	0.000289	0.00133
2050 Jan	362	0.0885	0.216	0.00459	57.1	0.109	175	0.000899	0.000899	0.00000552	0.00923	0.00342	0.156	0.0269	0.00000746	49.8	0.0000432	0.00418	0.000289	0.00133
2050 Feb	362	0.0885	0.216	0.00459	57.1	0.109	175	0.000899	0.000899	0.00000552	0.00923	0.00342	0.156	0.0269	0.00000746	49.8	0.0000432	0.00418	0.000289	0.00133
2050 Mar	362	0.0885	0.216	0.00459	57.1	0.109	175	0.000899	0.000899	0.00000552	0.00923	0.00342	0.156	0.0269	0.00000746	49.8	0.0000432	0.00418	0.00029	0.00134
2050 Apr	363	0.0887	0.216	0.0046	57.3	0.109	176	0.000901	0.000901	0.00000553	0.00925	0.00343	0.157	0.0269	0.00000747	50	0.0000433	0.00419	0.00029	0.00134

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	367	0.0897	0.218	0.00465	57.9	0.11	178	0.000911	0.000911	0.0000056	0.00936	0.00347	0.159	0.0273	0.00000756	50.5	0.0000438	0.00423	0.000294	0.00135
2050 Jun	310	0.0767	0.182	0.00399	49	0.0942	148	0.000902	0.000902	0.00000537	0.00883	0.00302	0.133	0.0249	0.000007	43.8	0.0000396	0.00354	0.00027	0.00122
2050 Jul	286	0.0694	0.165	0.00369	44.7	0.088	136	0.00089	0.00089	0.00000524	0.00853	0.00283	0.123	0.0234	0.00000674	40.7	0.0000376	0.00327	0.000251	0.00116
2050 Aug	306	0.0726	0.175	0.00388	47.2	0.094	147	0.000912	0.000912	0.00000542	0.00882	0.00301	0.132	0.0245	0.00000703	43.3	0.0000394	0.00351	0.000263	0.00122
2050 Sep	321	0.0755	0.182	0.004	48.9	0.0988	156	0.000909	0.000909	0.00000545	0.00894	0.00314	0.14	0.0252	0.00000717	45.3	0.0000405	0.00372	0.00027	0.00125
2050 Oct	333	0.0777	0.188	0.00411	50.4	0.102	163	0.000911	0.000911	0.0000055	0.00907	0.00324	0.146	0.0257	0.0000073	46.9	0.0000416	0.00388	0.000276	0.00128
2050 Nov	340	0.0787	0.191	0.00417	51.2	0.104	167	0.000911	0.000911	0.00000553	0.00913	0.0033	0.149	0.026	0.00000737	47.8	0.0000422	0.00398	0.000279	0.0013
2050 Dec	341	0.0789	0.192	0.00418	51.3	0.105	167	0.000911	0.000911	0.00000553	0.00914	0.00331	0.15	0.0261	0.00000738	47.9	0.0000423	0.00399	0.00028	0.0013
2051 Jan	342	0.079	0.192	0.00419	51.4	0.105	168	0.000911	0.000911	0.00000553	0.00914	0.00331	0.15	0.0261	0.00000738	48	0.0000423	0.004	0.00028	0.0013
2051 Feb	342	0.079	0.192	0.00419	51.4	0.105	168	0.000911	0.000911	0.00000553	0.00915	0.00331	0.15	0.0261	0.00000739	48	0.0000423	0.004	0.00028	0.0013
2051 Mar	342	0.079	0.192	0.00419	51.4	0.105	168	0.000911	0.000911	0.00000554	0.00915	0.00331	0.15	0.0261	0.00000739	48	0.0000424	0.004	0.00028	0.0013
2051 Apr	343	0.0793	0.193	0.0042	51.6	0.105	168	0.000914	0.000914	0.00000556	0.00918	0.00333	0.151	0.0262	0.00000741	48.2	0.0000425	0.00402	0.000281	0.00131
2051 May	359	0.0817	0.2	0.00433	53.4	0.11	177	0.00092	0.00092	0.00000564	0.00936	0.00347	0.158	0.0272	0.0000076	50.4	0.0000044	0.00422	0.000294	0.00135
2051 Jun	329	0.0718	0.171	0.00375	46.6	0.1	164	0.00086	0.00086	0.00000526	0.0087	0.00326	0.146	0.0269	0.00000706	47.8	0.0000415	0.00391	0.000307	0.00128
2051 Jul	323	0.0693	0.166	0.00367	45.3	0.0986	161	0.00087	0.00087	0.00000529	0.00873	0.00321	0.143	0.0265	0.00000706	47	0.0000413	0.00384	0.0003	0.00126
2051 Aug	332	0.0708	0.17	0.00374	46.2	0.102	167	0.00088	0.00088	0.00000537	0.00882	0.00331	0.148	0.027	0.00000721	48.4	0.0000418	0.00398	0.000303	0.0013
2051 Sep	337	0.0733	0.17	0.00375	46.4	0.105	170	0.000868	0.000868	0.00000534	0.00882	0.00335	0.151	0.0271	0.00000721	49	0.0000418	0.00405	0.000302	0.00131
2051 Oct	331	0.0774	0.164	0.00361	45.1	0.104	168	0.000838	0.000838	0.00000517	0.00868	0.00329	0.149	0.0264	0.00000702	48.3	0.0000406	0.004	0.00029	0.00129
2051 Nov	337	0.0788	0.166	0.00366	45.7	0.106	172	0.000836	0.000836	0.00000518	0.00873	0.00334	0.153	0.0267	0.00000708	49.1	0.0000411	0.00408	0.000292	0.00131
2051 Dec	339	0.079	0.167	0.00367	45.9	0.107	173	0.000835	0.000835	0.00000519	0.00875	0.00336	0.154	0.0268	0.00000709	49.3	0.0000412	0.00411	0.000293	0.00131
2052 Jan	339	0.079	0.167	0.00367	45.9	0.107	173	0.000835	0.000835	0.00000519	0.00875	0.00336	0.154	0.0268	0.00000709	49.3	0.0000412	0.00411	0.000293	0.00131
2052 Feb	339	0.0791	0.167	0.00367	45.9	0.107	173	0.000835	0.000835	0.00000519	0.00875	0.00336	0.154	0.0268	0.0000071	49.3	0.0000412	0.00411	0.000293	0.00131
2052 Mar	339	0.0791	0.167	0.00367	46	0.107	173	0.000836	0.000836	0.00000519	0.00876	0.00336	0.154	0.0268	0.0000071	49.4	0.0000413	0.00411	0.000294	0.00132
2052 Apr	340	0.0793	0.168	0.00368	46	0.107	173	0.000838	0.000838	0.0000052	0.00877	0.00337	0.154	0.0269	0.00000712	49.5	0.0000413	0.00412	0.000294	0.00132
2052 May	339	0.0799	0.167	0.00367	46.1	0.107	172	0.000847	0.000847	0.00000524	0.00881	0.00338	0.153	0.0274	0.00000714	49.7	0.0000414	0.0041	0.000304	0.00133
2052 Jun	312	0.076	0.15	0.00337	42.7	0.0978	156	0.000858	0.000858	0.0000052	0.00859	0.00319	0.139	0.0279	0.00000691	47.3	0.0000394	0.00372	0.000322	0.0013
2052 Jul	323	0.0758	0.154	0.00344	43.4	0.102	162	0.000874	0.000874	0.00000532	0.00872	0.0033	0.144	0.0284	0.0000071	48.8	0.0000403	0.00388	0.000325	0.00133
2052 Aug	337	0.0776	0.159	0.00356	44.8	0.107	171	0.000889	0.000889	0.00000544	0.00892	0.00343	0.152	0.0292	0.00000732	50.8	0.0000415	0.00408	0.000333	0.00138
2052 Sep	348	0.0794	0.163	0.00362	45.7	0.111	178	0.000883	0.000883	0.00000545	0.00899	0.00353	0.158	0.0296	0.00000742	52.3	0.0000423	0.00424	0.000335	0.0014
2052 Oct	365	0.0819	0.169	0.00372	47.2	0.116	188	0.000876	0.000876	0.00000548	0.00912	0.00367	0.167	0.0302	0.00000756	54.4	0.0000437	0.00447	0.000341	0.00144
2052 Nov	369	0.0825	0.171	0.00376	47.6	0.117	191	0.000877	0.000877	0.0000055	0.00917	0.00371	0.169	0.0304	0.00000761	55	0.0000441	0.00454	0.000344	0.00145
2052 Dec	372	0.0827	0.172	0.00377	47.8	0.118	192	0.000876	0.000876	0.0000055	0.00918	0.00373	0.17	0.0305	0.00000763	55.3	0.0000443	0.00457	0.000345	0.00145
2053 Jan	372	0.0828	0.172	0.00377	47.9	0.118	193	0.000876	0.000876	0.00000551	0.00919	0.00374	0.17	0.0305	0.00000763	55.4	0.0000443	0.00458	0.000345	0.00146
2053 Feb	372	0.0828	0.172	0.00378	47.9	0.118	193	0.000876	0.000876	0.00000551	0.00919	0.00374	0.171	0.0305	0.00000763	55.4	0.0000443	0.00458	0.000345	0.00146
2053 Mar	373	0.0829	0.172	0.00378	48	0.118	193	0.000877	0.000877	0.00000551	0.0092	0.00374	0.171	0.0306	0.00000764	55.5	0.0000444	0.00458	0.000346	0.00146
2053 Apr	374	0.0832	0.173	0.00379	48.1	0.119	194	0.00088	0.00088	0.00000553	0.00924	0.00376	0.171	0.0307	0.00000767	55.7	0.0000446	0.0046	0.000347	0.00146
2053 May	403	0.0863	0.181	0.00391	50.3	0.127	212	0.000871	0.000871	0.00000559	0.00942	0.00404	0.186	0.0331	0.00000793	60.4	0.0000472	0.00502	0.000385	0.00155
2053 Jun	359	0.0789	0.154	0.00339	44.6	0.111	186	0.000838	0.000838	0.00000527	0.00873	0.0037	0.163	0.0331	0.00000731	56	0.0000433	0.00443	0.000406	0.00146
2053 Jul	373	0.0804	0.159	0.0035	45.8	0.116	194	0.000861	0.000861	0.00000543	0.00903	0.00384	0.17	0.0339	0.00000757	58	0.000045	0.00462	0.000415	0.00151
2053 Aug	408	0.0852	0.173	0.00376	49.3	0.127	214	0.000888	0.000888	0.00000569	0.00952	0.00417	0.188	0.036	0.00000806	63	0.0000485	0.0051	0.000438	0.00161
2053 Sep	459	0.0907	0.192	0.0041	53.7	0.142	245	0.000892	0.000892	0.0000059	0.01	0.00462	0.215	0.0384	0.00000861	69.8	0.0000532	0.00581	0.000465	0.00173
2053 Oct	487	0.0935	0.202	0.00428	56.1	0.151	263	0.000884	0.000884	0.00000596	0.0103	0.00487	0.23	0.0395	0.00000887	73.6	0.0000557	0.00622	0.000477	0.00179
2053 Nov	491	0.0939	0.203	0.00429	56.4	0.152	265	0.000881	0.000881	0.00000596	0.0103	0.0049	0.232	0.0396	0.0000089	74	0.000056	0.00628	0.000478	0.0018
2053 Dec	492	0.094	0.203	0.0043	56.5	0.152	266	0.000881	0.000881	0.00000596	0.0103	0.00491	0.232	0.0397	0.00000891	74.2	0.0000561	0.00629	0.000478	0.0018
2054 Jan	493	0.0941	0.204	0.0043	56.5	0.152	266	0.000881	0.000881	0.00000596	0.0103	0.00491	0.233	0.0397	0.00000891	74.2	0.0000561	0.0063	0.000479	0.0018
2054 Feb	493	0.0941	0.204	0.0043	56.5	0.152	266	0.000881	0.000881	0.00000596	0.0103	0.00491	0.233	0.0397	0.00000891	74.2	0.0000562	0.0063	0.000479	0.0018
2054 Mar	493	0.0941	0.204	0.0043	56.5	0.152	266	0.000881	0.000881	0.00000597	0.0103	0.00491	0.233	0.0397	0.00000891	74.2	0.0000562	0.0063	0.000479	0.0018
2054 Apr	494	0.0944	0.204	0.00432	56.7	0.153	267	0.000884	0.000884	0.00000599	0.0103	0.00493	0.233	0.0398	0.00000894	74.5	0.0000564	0.00632	0.00048	0.00181
2054 May	495	0.0952	0.204	0.00433	56.9	0.153	267	0.000894	0.000894	0.00000604	0.0104	0.00495	0.234	0.0403	0.000009	74.9	0.0000566	0.00633	0.000488	0.00182
2054 Jun	407	0.0825	0.165	0.0036	47.6	0.126	215	0.000872	0.000872	0.00000561	0.00942	0.00419	0.189	0.0369	0.00000799	63.7	0.0000488	0.00513	0.000458	0.00161
2054 Jul	397	0.0785	0.159	0.0035	45.8	0.123	210	0.000871	0.000871	0.00000558	0.00932	0.0041	0.185	0.0357	0.0000079	62	0.000048	0.00501	0.000439	0.00158
2054 Aug	408	0.0795	0.162	0.00356	46.5	0.128	218	0.000876	0.000876	0.00000566	0.00943	0.00421	0.191	0.0362	0.00000806	63.6	0.0000488	0.00519	0.000441	0.00161
2054 Sep	417	0.0805	0.164	0.00359	47	0.131	223	0.000877	0.000877	0.00000569	0.0095	0.00429	0.196	0.0364	0.00000815	64.7	0.0000493	0.00531	0.000441	0.00163
2054 Oct	417	0.0814	0.163	0.00357	46.7	0.132	225	0.000868	0.000868	0.00000565	0.00949	0.00429	0.197	0.0362	0.00000813	64.7	0.0000493	0.00533	0.000437	0.00163
2054 Nov	418	0.0818	0.163	0.00357	46.7	0.132	225	0.000865	0.000865	0.00000564	0.00949	0.00429	0.197	0.0361	0.00000812	64.8	0.0000492	0.00534	0.000435	0.00163
2054 Dec	420	0.0821	0.163	0.00358	46.8	0.133	227	0.000865	0.000865	0.00000565	0.00951	0.00431	0.199	0.0362	0.00000815	65.1	0.0000495	0.00537	0.000436	0.00163
2055 Jan	420	0.0821	0.163	0.00358	46.9	0.133	227	0.000864	0.000864	0.00000565	0.00951	0.00431	0.199	0.0362	0.00000815	65.1	0.0000495	0.00538	0.000436	0.00163
2055 Feb	420	0.0821	0.163	0.00358	46.9	0.133	227	0.000864	0.000864	0.00000565	0.00951	0.00431	0.199	0.0362	0.00000815	65.1	0.0000495	0.00538	0.000436	0.00163
2055 Mar	420	0.0822	0.163	0.00358	46.9	0.133	227	0.000865	0.000865	0.00000565	0.00952	0.00432	0.199	0.0362	0.00000815	65.2	0.0000495	0.00538	0.000436	0.00163
2055 Apr	422	0.0824	0.164	0.00359	47	0.133	227	0.000867	0.000867	0.00000566	0.00954	0.00433	0.199	0.0363	0.00000817	65.3	0.0000496	0.00539	0.000438	0.00164
2055 May	427	0.0834	0.166	0.00363	47.6	0.135	230	0.000877	0.000877	0.00000573	0.00966	0.00438	0.202	0.0368	0.00000827	66.1	0.0000502	0.00546	0.000443	0.00166
2055 Jun	356	0.0669	0.134	0.00308	38.9	0.114	191	0.000858	0.000858	0.00000541	0.00901	0.00372	0.169	0.0312	0.00000751	55.5	0.0000449	0.00455	0.000368	0.00143
2055 Jul	330	0.0618	0.124	0.00291	36.1	0.107	176	0.000873	0.000873	0.00000539	0.0089	0.0035	0.156	0.0295	0.00000734	51.9	0.0000432	0.00421	0.000345	0.00137
2055 Aug	345	0.0639	0.128	0.00301	37.4	0.112	185	0.000899	0.000899	0.00000558	0.0092	0.00365	0.164	0.0306	0.00000762	54.1	0.0000448	0.00441	0.000356	0.00142
2055 Sep	353	0.0651	0.13	0.00304	37.8	0.115	190	0.000896	0.000896	0.0000056	0.00925	0.00373	0.169	0.0309	0.0000077	55.2	0.0000453	0.00454	0.000358	0.00144
2055 Oct	362	0.0663	0.132	0.00308	38.4	0.118	196	0.000896	0.000896	0.00000563	0.00935	0.00381	0.173	0.0313	0.00000779	56.5	0.0000461	0.00467	0.000362	0.00147
2055 Nov	369	0.0669	0.134	0.00311	38.8	0.12	200	0.000895	0.000895	0.00000564	0.0094	0.00387	0.177	0.0316	0.00000785	57.4	0.0000467	0.00476	0.000365	0.00148
2055 Dec	371	0.0671	0.135	0.00313	39	0.121	202	0.000893	0.000893	0.00000565	0.00942	0.00389	0.178	0.0317	0.00000788	57.7	0.0000469	0.0048	0.000366	0.00149
2056 Jan	372	0.0671	0.135	0.00313	39	0.121	202	0.000893	0.000893	0.00000565	0.00943	0.00389	0.179	0.0317	0.00000788	57.7	0.0000469	0.00481	0.000366	0.00149
2056 Feb	372	0.0671	0.135	0.00313	39	0.121	202	0.000893	0.000893	0.00000565	0.00943	0.00389	0.179	0.0317	0.00000788	57.7	0.0000469	0.00481	0.000366	0.00149
2056 Mar	372	0.0671	0.135	0.00313	39	0.121	202	0.000894	0.000894	0.00000565	0.00943	0.00389	0.179	0.0317	0.00000788	57.8	0.000047	0.00481	0.000367	0.00149
2056 Apr	373	0.0673	0.135	0.00314	39.1	0.121	203	0.000897	0.000897	0.00000567	0.00946	0.00391	0.179	0.0318	0.00000791	58	0.0000471	0.00482	0.000368	0.00149
2056 May	365	0.068	0.132	0.00308	38.8	0.118	197	0.000908	0.000908	0.00000569	0.00943	0.00386	0.174	0.0325	0.00000786	57.5	0.0000465	0.00469	0.000383	0.0015
2056 Jun	302	0.0637	0.107	0.00259	33.7	0.0967	156	0.000887	0.000887	0.00000534	0.0086	0.00333	0.139	0.0321	0.00000705	50.6	0.0000404	0.00377	0.0004	0.00138
2056 Jul	318	0.0654	0.111	0.00269	34.9	0.102	166	0.000917	0.000917	0.00000555	0.00894	0.0035	0.147	0.0332	0.00000737	53	0.0000423	0.00399	0.000412	0.00144
2056 Aug	331	0.0664	0.115	0.00276	35.7	0.107	175	0.000931	0.000931	0.00000567	0.00912	0.00364	0.155	0.034	0.00000758	55	0.0000434	0.0042	0.000418	0.00148
2056 Sep	350	0.0687	0.12	0.00286	37	0.113	186	0.000942	0.000942	0.00000579	0.00938	0.00382	0.165	0.035	0.00000784	57.7	0.0000453	0.00447	0.00043	0.00153

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	362	0.07	0.122	0.00288	37.4	0.118	195	0.000922	0.000922	0.00000575	0.00941	0.00392	0.172	0.0351	0.00000789	59.2	0.0000462	0.00466	0.000428	0.00155
2056 Nov	368	0.0706	0.123	0.0029	37.6	0.12	199	0.000917	0.000917	0.00000574	0.00945	0.00397	0.175	0.0353	0.00000793	59.9	0.0000466	0.00474	0.000429	0.00156
2056 Dec	369	0.0707	0.123	0.00291	37.7	0.12	200	0.000917	0.000917	0.00000575	0.00946	0.00398	0.176	0.0353	0.00000795	60.1	0.0000468	0.00477	0.00043	0.00157
2057 Jan	369	0.0707	0.123	0.00291	37.7	0.12	200	0.000917	0.000917	0.00000575	0.00946	0.00398	0.176	0.0353	0.00000795	60.1	0.0000468	0.00477	0.00043	0.00157
2057 Feb	369	0.0707	0.123	0.00291	37.7	0.12	200	0.000917	0.000917	0.00000575	0.00946	0.00398	0.176	0.0353	0.00000795	60.1	0.0000468	0.00477	0.00043	0.00157
2057 Mar	370	0.0708	0.123	0.00291	37.7	0.12	200	0.000918	0.000918	0.00000575	0.00947	0.00399	0.176	0.0354	0.00000796	60.2	0.0000469	0.00478	0.000431	0.00157
2057 Apr	371	0.071	0.124	0.00292	37.8	0.121	201	0.000921	0.000921	0.00000577	0.0095	0.004	0.177	0.0355	0.00000798	60.4	0.000047	0.00479	0.000432	0.00157
2057 May	375	0.072	0.125	0.00295	38.3	0.122	202	0.000934	0.000934	0.00000585	0.00962	0.00405	0.178	0.0361	0.00000808	61.1	0.0000475	0.00483	0.00044	0.0016
2057 Jun	299	0.0611	0.0978	0.00245	31.5	0.0974	157	0.000908	0.000908	0.00000545	0.00876	0.00335	0.139	0.032	0.00000716	50.6	0.0000408	0.00378	0.000396	0.00139
2057 Jul	303	0.0605	0.098	0.00247	31.5	0.0994	160	0.000925	0.000925	0.00000555	0.00893	0.0034	0.142	0.0322	0.0000073	51.2	0.0000416	0.00385	0.000395	0.0014
2057 Aug	331	0.0644	0.106	0.00265	33.8	0.109	176	0.000974	0.000974	0.00000589	0.00951	0.00369	0.156	0.0344	0.00000783	55.6	0.0000449	0.00424	0.000422	0.00151
2057 Sep	360	0.0666	0.113	0.00277	35.4	0.118	195	0.000975	0.000975	0.00000601	0.00982	0.00397	0.172	0.0358	0.00000816	59.7	0.0000477	0.00467	0.000437	0.00158
2057 Oct	384	0.0681	0.117	0.00284	36.4	0.126	211	0.000956	0.000956	0.00000601	0.00995	0.00418	0.186	0.0365	0.00000834	62.9	0.0000498	0.00505	0.000444	0.00163
2057 Nov	389	0.0686	0.118	0.00286	36.6	0.128	215	0.000954	0.000954	0.00000602	0.01	0.00423	0.189	0.0368	0.00000839	63.6	0.0000502	0.00512	0.000446	0.00164
2057 Dec	391	0.0687	0.119	0.00286	36.7	0.128	216	0.000954	0.000954	0.00000603	0.01	0.00424	0.19	0.0368	0.00000841	63.8	0.0000504	0.00515	0.000447	0.00164
2058 Jan	391	0.0687	0.119	0.00286	36.7	0.128	216	0.000953	0.000953	0.00000603	0.01	0.00424	0.19	0.0368	0.00000841	63.9	0.0000504	0.00515	0.000447	0.00165
2058 Feb	392	0.0688	0.119	0.00286	36.7	0.128	216	0.000953	0.000953	0.00000603	0.01	0.00425	0.19	0.0368	0.00000841	63.9	0.0000504	0.00516	0.000447	0.00165
2058 Mar	392	0.0688	0.119	0.00286	36.7	0.128	216	0.000954	0.000954	0.00000603	0.01	0.00425	0.19	0.0369	0.00000841	64	0.0000504	0.00516	0.000447	0.00165
2058 Apr	392	0.0689	0.119	0.00287	36.8	0.129	217	0.000956	0.000956	0.00000604	0.01	0.00426	0.191	0.0369	0.00000843	64.1	0.0000505	0.00517	0.000448	0.00165
2058 May	414	0.0704	0.122	0.00289	37.6	0.135	231	0.000943	0.000943	0.00000606	0.0101	0.00448	0.203	0.0388	0.00000861	67.7	0.0000525	0.0055	0.000476	0.00171
2058 Jun	364	0.0643	0.0995	0.00239	32.6	0.117	201	0.000853	0.000853	0.00000543	0.00899	0.00403	0.176	0.0378	0.00000764	62	0.0000467	0.00481	0.000488	0.00158
2058 Jul	372	0.0647	0.101	0.00244	33	0.12	206	0.000872	0.000872	0.00000556	0.00921	0.00412	0.18	0.0383	0.00000782	63.2	0.0000479	0.00493	0.000492	0.00161
2058 Aug	397	0.067	0.107	0.00256	34.6	0.128	222	0.000896	0.000896	0.00000577	0.0096	0.00437	0.194	0.04	0.00000821	67.1	0.0000506	0.0053	0.000511	0.00169
2058 Sep	412	0.0685	0.109	0.0026	35.1	0.134	232	0.000888	0.000888	0.00000579	0.00973	0.00451	0.203	0.0403	0.00000835	69.1	0.0000519	0.00553	0.000512	0.00172
2058 Oct	426	0.0698	0.111	0.00263	35.5	0.138	242	0.000876	0.000876	0.00000579	0.00982	0.00463	0.211	0.0406	0.00000846	70.8	0.000053	0.00575	0.000512	0.00175
2058 Nov	429	0.0701	0.112	0.00264	35.7	0.14	244	0.000876	0.000876	0.00000581	0.00986	0.00466	0.213	0.0408	0.0000085	71.4	0.0000534	0.00581	0.000514	0.00176
2058 Dec	430	0.0702	0.112	0.00265	35.7	0.14	245	0.000875	0.000875	0.00000581	0.00987	0.00467	0.214	0.0408	0.00000851	71.5	0.0000534	0.00582	0.000514	0.00176
2059 Jan	431	0.0702	0.112	0.00265	35.7	0.14	245	0.000875	0.000875	0.00000581	0.00987	0.00467	0.214	0.0408	0.00000851	71.5	0.0000535	0.00582	0.000514	0.00176
2059 Feb	431	0.0702	0.112	0.00265	35.7	0.14	245	0.000875	0.000875	0.00000581	0.00987	0.00467	0.214	0.0408	0.00000851	71.5	0.0000535	0.00582	0.000514	0.00176
2059 Mar	431	0.0702	0.112	0.00265	35.7	0.14	245	0.000875	0.000875	0.00000581	0.00987	0.00467	0.214	0.0408	0.00000851	71.5	0.0000535	0.00582	0.000514	0.00176
2059 Apr	432	0.0704	0.112	0.00265	35.8	0.14	246	0.000877	0.000877	0.00000582	0.0099	0.00469	0.214	0.0409	0.00000853	71.7	0.0000536	0.00584	0.000516	0.00177
2059 May	433	0.0712	0.112	0.00265	36	0.141	246	0.000886	0.000886	0.00000587	0.00995	0.00471	0.215	0.0416	0.00000858	72.3	0.0000539	0.00585	0.000527	0.00178
2059 Jun	396	0.0692	0.101	0.00244	33.8	0.128	222	0.000885	0.000885	0.00000572	0.00954	0.0044	0.193	0.0411	0.00000815	67.9	0.0000504	0.00529	0.000532	0.00171
2059 Jul	422	0.0726	0.107	0.00258	35.6	0.136	237	0.000933	0.000933	0.00000604	0.0101	0.00467	0.206	0.0434	0.00000864	72.1	0.0000535	0.00565	0.00056	0.00181
2059 Aug	449	0.076	0.113	0.00272	37.5	0.145	253	0.000972	0.000972	0.00000633	0.0106	0.00496	0.22	0.0456	0.00000911	76.4	0.0000566	0.00603	0.000587	0.00191
2059 Sep	458	0.0773	0.114	0.00275	37.8	0.149	259	0.000971	0.000971	0.00000637	0.0107	0.00505	0.226	0.0458	0.00000923	77.8	0.0000575	0.00618	0.000588	0.00193
2059 Oct	436	0.0775	0.106	0.00258	35.4	0.143	247	0.000925	0.000925	0.00000607	0.0103	0.00479	0.216	0.043	0.0000088	73.7	0.0000545	0.00589	0.000542	0.00185
2059 Nov	438	0.078	0.106	0.00258	35.4	0.145	250	0.00092	0.00092	0.00000606	0.0104	0.00482	0.218	0.0429	0.00000881	73.9	0.0000547	0.00594	0.000539	0.00185
2059 Dec	439	0.078	0.107	0.00258	35.4	0.145	250	0.000919	0.000919	0.00000606	0.0104	0.00483	0.219	0.0429	0.00000882	74.1	0.0000548	0.00595	0.00054	0.00185
2060 Jan	439	0.078	0.107	0.00258	35.4	0.145	250	0.00092	0.00092	0.00000606	0.0104	0.00483	0.219	0.0429	0.00000882	74.1	0.0000548	0.00595	0.00054	0.00185
2060 Feb	439	0.0781	0.107	0.00258	35.4	0.145	250	0.00092	0.00092	0.00000606	0.0104	0.00483	0.219	0.0429	0.00000882	74.1	0.0000548	0.00595	0.00054	0.00185
2060 Mar	440	0.0781	0.107	0.00258	35.5	0.145	251	0.00092	0.00092	0.00000606	0.0104	0.00483	0.219	0.0429	0.00000882	74.2	0.0000548	0.00596	0.00054	0.00185
2060 Apr	441	0.0784	0.107	0.00259	35.6	0.146	251	0.000923	0.000923	0.00000608	0.0104	0.00485	0.219	0.0431	0.00000885	74.4	0.000055	0.00598	0.000542	0.00186
2060 May	435	0.0782	0.104	0.00253	35.2	0.143	247	0.000923	0.000923	0.00000605	0.0103	0.00481	0.215	0.0437	0.00000877	74.1	0.0000545	0.00588	0.000556	0.00186
2060 Jun	369	0.072	0.0876	0.00221	31.4	0.12	204	0.000899	0.000899	0.00000568	0.00943	0.00419	0.178	0.0412	0.00000792	65.2	0.0000479	0.0049	0.000538	0.00169
2060 Jul	387	0.0748	0.0916	0.00231	32.7	0.126	215	0.000945	0.000945	0.00000597	0.00991	0.0044	0.188	0.043	0.00000833	68.3	0.0000504	0.00515	0.000561	0.00177
2060 Aug	398	0.0754	0.0929	0.00235	33.1	0.131	222	0.000958	0.000958	0.00000608	0.0101	0.00451	0.194	0.0435	0.00000851	69.9	0.0000512	0.00531	0.000563	0.0018
2060 Sep	385	0.0727	0.0874	0.00224	31.3	0.129	216	0.000921	0.000921	0.00000586	0.00968	0.00436	0.19	0.041	0.00000824	67.2	0.0000488	0.00517	0.000521	0.00173
2060 Oct	399	0.0734	0.0887	0.00225	31.3	0.134	227	0.000902	0.000902	0.00000583	0.00975	0.00447	0.198	0.0411	0.00000832	68.9	0.0000499	0.0054	0.000518	0.00175
2060 Nov	402	0.0737	0.0888	0.00225	31.3	0.135	229	0.000896	0.000896	0.00000581	0.00976	0.0045	0.2	0.041	0.00000833	69.2	0.0000502	0.00546	0.000515	0.00175
2060 Dec	404	0.0738	0.0892	0.00226	31.4	0.136	231	0.000895	0.000895	0.00000582	0.00978	0.00452	0.202	0.0411	0.00000836	69.6	0.0000504	0.0055	0.000516	0.00176
2061 Jan	405	0.0738	0.0892	0.00226	31.4	0.136	231	0.000895	0.000895	0.00000582	0.00978	0.00453	0.202	0.0411	0.00000836	69.7	0.0000505	0.00551	0.000516	0.00176
2061 Feb	405	0.0738	0.0892	0.00226	31.4	0.136	231	0.000895	0.000895	0.00000582	0.00978	0.00453	0.202	0.0411	0.00000836	69.7	0.0000505	0.00551	0.000516	0.00176
2061 Mar	405	0.0738	0.0893	0.00226	31.4	0.136	231	0.000895	0.000895	0.00000582	0.00979	0.00453	0.202	0.0411	0.00000837	69.7	0.0000505	0.00551	0.000517	0.00176
2061 Apr	406	0.0741	0.0896	0.00226	31.5	0.137	232	0.000898	0.000898	0.00000584	0.00982	0.00454	0.203	0.0413	0.00000839	70	0.0000507	0.00553	0.000518	0.00177
2061 May	403	0.074	0.0873	0.00221	31.3	0.135	229	0.000897	0.000897	0.00000582	0.00974	0.00454	0.2	0.0422	0.00000834	70.2	0.0000504	0.00547	0.000538	0.00178
2061 Jun	349	0.0666	0.0736	0.00192	27.7	0.115	195	0.000847	0.000847	0.00000537	0.00884	0.00401	0.171	0.0395	0.00000751	62.5	0.0000449	0.00468	0.000517	0.00161
2061 Jul	368	0.0687	0.077	0.00201	28.8	0.122	207	0.000887	0.000887	0.00000563	0.00929	0.00422	0.181	0.0412	0.0000079	65.6	0.0000474	0.00495	0.000536	0.00169
2061 Aug	393	0.0715	0.0814	0.00211	30.3	0.13	222	0.000922	0.000922	0.0000059	0.00975	0.00448	0.194	0.0432	0.00000833	69.7	0.0000502	0.00531	0.000561	0.00178
2061 Sep	414	0.0725	0.0843	0.00217	30.9	0.138	236	0.000921	0.000921	0.00000598	0.00997	0.00469	0.206	0.0441	0.00000858	72.7	0.0000523	0.00564	0.00057	0.00183
2061 Oct	419	0.0726	0.0831	0.00213	30.2	0.14	242	0.000884	0.000884	0.00000583	0.00988	0.00471	0.211	0.043	0.0000085	72.8	0.0000523	0.00576	0.000549	0.00182
2061 Nov	421	0.073	0.0828	0.00212	30	0.142	244	0.000875	0.000875	0.0000058	0.00987	0.00472	0.213	0.0427	0.00000849	73	0.0000524	0.00581	0.000542	0.00182
2061 Dec	423	0.073	0.083	0.00212	30.1	0.142	246	0.000874	0.000874	0.0000058	0.00989	0.00474	0.214	0.0428	0.0000085	73.2	0.0000526	0.00584	0.000543	0.00182
2062 Jan	424	0.073	0.0831	0.00212	30.1	0.142	246	0.000873	0.000873	0.0000058	0.00989	0.00475	0.214	0.0428	0.00000851	73.3	0.0000527	0.00585	0.000543	0.00182
2062 Feb	424	0.073	0.0831	0.00212	30.1	0.143	246	0.000873	0.000873	0.0000058	0.0099	0.00475	0.215	0.0428	0.00000851	73.4	0.0000527	0.00585	0.000543	0.00182
2062 Mar	425	0.0731	0.0832	0.00212	30.1	0.143	247	0.000874	0.000874	0.00000581	0.00991	0.00475	0.215	0.0429	0.00000852	73.4	0.0000528	0.00586	0.000544	0.00182
2062 Apr	426	0.0734	0.0835	0.00213	30.2	0.143	247	0.000877	0.000877	0.00000583	0.00994	0.00477	0.216	0.043	0.00000855	73.7	0.0000529	0.00588	0.000546	0.00183
2062 May	430	0.0741	0.0844	0.00215	30.5	0.145	250	0.000886	0.000886	0.00000589	0.01	0.00482	0.218	0.0435	0.00000864	74.5	0.0000535	0.00594	0.000552	0.00185
2062 Jun	355	0.0611	0.0693	0.0019	25.6	0.121	204	0.000877	0.000877	0.00000557	0.00934	0.00405	0.179	0.0369	0.00000781	61.9	0.0000471	0.00486	0.000461	0.00159
2062 Jul	325	0.055	0.0627	0.0018	23.4	0.111	185	0.000884	0.000884	0.0000055	0.00912	0.00374	0.163	0.0341	0.00000753	56.8	0.0000447	0.00443	0.00042	0.00149
2062 Aug	337	0.0551	0.0638	0.00183	23.6	0.117	194	0.00089	0.00089	0.00000558	0.00924	0.00387	0.171	0.0346	0.00000771	58.6	0.0000456	0.00463	0.000422	0.00153
2062 Sep	342	0.0561	0.0632	0.00181	23.4	0.119	198	0.000872	0.000872	0.00000552	0.0092	0.00391	0.175	0.0343	0.0000077	59.1	0.0000456	0.00473	0.000414	0.00153
2062 Oct	326	0.0598	0.0575	0.00168	21.8	0.116	190	0.00082	0.00082	0.00000521	0.00887	0.00371	0.167	0.0319	0.0000073	56	0.000043	0.00452	0.000375	0.00146
2062 Nov	328	0.0604	0.0577	0.00169	21.8	0.117	192	0.00082	0.00082	0.00000522	0.00891	0.00374	0.169	0.032	0.00000733	56.4	0.0000433	0.00456	0.000376	0.00147
2062 Dec	330	0.0604	0.0579	0.00169	21.9	0.117	193	0.000819	0.000819	0.00000522	0.00893	0.00376	0.17	0.0321	0.00000735	56.7	0.0000435	0.00459	0.000377	0.00148
2063 Jan	331	0.0604	0.058	0.00169	21.9	0.118	194	0.000819	0.000819	0.00000523	0.00893	0.00376	0.171	0.0321	0.00000736	56.8	0.0000436	0.0046	0.000377	0.00148
2063 Feb	331	0.0604	0.058	0.00169	21.9	0.118	194	0.000819	0.000819	0.00000523	0.00893	0.00377	0.171	0.0321	0.00000736	56.8	0.0000436	0.00461	0.000377	0.00148

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	331	0.0605	0.0581	0.00169	21.9	0.118	194	0.000819	0.000819	0.00000523	0.00894	0.00377	0.171	0.0321	0.00000736	56.8	0.0000436	0.00461	0.000377	0.00148
2063 Apr	332	0.0606	0.0582	0.0017	21.9	0.118	194	0.000821	0.000821	0.00000524	0.00895	0.00377	0.171	0.0322	0.00000738	56.9	0.0000437	0.00462	0.000378	0.00148
2063 May	327	0.0613	0.0574	0.00168	22.1	0.116	190	0.000833	0.000833	0.00000527	0.00894	0.00374	0.167	0.0328	0.00000735	56.6	0.0000433	0.00451	0.000391	0.00148
2063 Jun	236	0.0522	0.0422	0.00137	18.6	0.0823	128	0.000809	0.000809	0.00000479	0.00774	0.00288	0.114	0.0297	0.00000619	44.3	0.0000346	0.00312	0.000377	0.00125
2063 Jul	237	0.0504	0.0418	0.00137	18.3	0.0828	129	0.000817	0.000817	0.00000483	0.00781	0.00288	0.115	0.0294	0.00000624	44.1	0.0000349	0.00314	0.000369	0.00124
2063 Aug	258	0.0526	0.0447	0.00145	19.3	0.0903	143	0.000849	0.000849	0.00000507	0.00823	0.00312	0.127	0.0311	0.00000663	47.6	0.0000374	0.00345	0.000389	0.00132
2063 Sep	279	0.0534	0.0466	0.00149	19.7	0.0978	157	0.000846	0.000846	0.00000514	0.00841	0.00331	0.139	0.0318	0.00000686	50.6	0.0000392	0.00378	0.000394	0.00137
2063 Oct	293	0.0543	0.0477	0.00149	19.8	0.103	168	0.000827	0.000827	0.00000511	0.00848	0.00345	0.148	0.0321	0.00000696	52.5	0.0000404	0.00402	0.000394	0.0014
2063 Nov	298	0.0546	0.0481	0.0015	19.9	0.105	171	0.000825	0.000825	0.00000512	0.00853	0.00349	0.151	0.0322	0.000007	53.1	0.0000409	0.0041	0.000395	0.00141
2063 Dec	300	0.0547	0.0483	0.0015	19.9	0.105	173	0.000825	0.000825	0.00000513	0.00854	0.00351	0.152	0.0323	0.00000702	53.4	0.000041	0.00413	0.000396	0.00142
2064 Jan	301	0.0547	0.0484	0.0015	19.9	0.106	173	0.000824	0.000824	0.00000513	0.00855	0.00352	0.153	0.0323	0.00000703	53.6	0.0000412	0.00415	0.000396	0.00142
2064 Feb	301	0.0547	0.0485	0.0015	19.9	0.106	174	0.000824	0.000824	0.00000513	0.00855	0.00352	0.153	0.0324	0.00000704	53.6	0.0000412	0.00415	0.000397	0.00142
2064 Mar	302	0.0548	0.0485	0.00151	20	0.106	174	0.000825	0.000825	0.00000514	0.00856	0.00353	0.153	0.0324	0.00000704	53.7	0.0000412	0.00416	0.000397	0.00142
2064 Apr	302	0.0549	0.0486	0.00151	20	0.106	174	0.000827	0.000827	0.00000515	0.00858	0.00353	0.153	0.0325	0.00000706	53.8	0.0000413	0.00417	0.000398	0.00142
2064 May	307	0.0558	0.0487	0.0015	20.4	0.107	176	0.000828	0.000828	0.00000516	0.00859	0.00359	0.155	0.0338	0.0000071	55.1	0.0000418	0.00422	0.000422	0.00145
2064 Jun	274	0.0536	0.0429	0.00135	19.5	0.0928	153	0.0008	0.0008	0.00000488	0.00794	0.0033	0.134	0.034	0.00000655	51.4	0.0000382	0.00369	0.000446	0.00138
2064 Jul	288	0.0543	0.0445	0.0014	20	0.098	162	0.000825	0.000825	0.00000506	0.00824	0.00345	0.142	0.0351	0.00000683	53.6	0.0000399	0.0039	0.000457	0.00143
2064 Aug	303	0.0544	0.0458	0.00143	20.3	0.104	172	0.000835	0.000835	0.00000517	0.00842	0.00361	0.151	0.0357	0.00000706	55.8	0.0000413	0.00414	0.000462	0.00148
2064 Sep	324	0.0545	0.0469	0.00144	20.3	0.112	188	0.000814	0.000814	0.00000516	0.00851	0.0038	0.165	0.0358	0.00000723	58.5	0.0000428	0.0045	0.000455	0.00151
2064 Oct	349	0.0553	0.0492	0.00148	20.7	0.121	206	0.000804	0.000804	0.00000522	0.00874	0.00404	0.18	0.0367	0.00000748	62.1	0.0000453	0.0049	0.000463	0.00157
2064 Nov	357	0.0555	0.05	0.00149	20.9	0.123	211	0.000802	0.000802	0.00000524	0.00881	0.00411	0.184	0.0371	0.00000757	63.2	0.0000461	0.00502	0.000467	0.00159
2064 Dec	358	0.0555	0.0501	0.00149	20.9	0.124	212	0.000802	0.000802	0.00000525	0.00882	0.00412	0.185	0.0372	0.00000758	63.4	0.0000462	0.00504	0.000468	0.00159
2065 Jan	358	0.0555	0.0502	0.00149	20.9	0.124	212	0.000802	0.000802	0.00000525	0.00883	0.00413	0.185	0.0372	0.00000758	63.5	0.0000462	0.00505	0.000468	0.00159
2065 Feb	359	0.0555	0.0502	0.00149	21	0.124	213	0.000802	0.000802	0.00000525	0.00883	0.00413	0.186	0.0372	0.00000759	63.5	0.0000463	0.00506	0.000468	0.00159
2065 Mar	359	0.0556	0.0503	0.0015	21	0.124	213	0.000803	0.000803	0.00000525	0.00884	0.00414	0.186	0.0373	0.0000076	63.6	0.0000463	0.00506	0.000469	0.0016
2065 Apr	360	0.0558	0.0505	0.0015	21.1	0.125	214	0.000806	0.000806	0.00000527	0.00887	0.00415	0.187	0.0374	0.00000763	63.9	0.0000465	0.00508	0.000471	0.0016
2065 May	372	0.0567	0.0514	0.00151	21.5	0.128	221	0.000808	0.000808	0.00000533	0.00899	0.00428	0.193	0.0387	0.00000777	66	0.0000478	0.00526	0.000491	0.00164
2065 Jun	318	0.0528	0.0445	0.00138	19.8	0.109	184	0.000801	0.000801	0.00000508	0.00837	0.00375	0.161	0.0363	0.0000071	58.2	0.0000426	0.00442	0.00047	0.0015
2065 Jul	337	0.0542	0.0465	0.00145	20.6	0.115	196	0.000841	0.000841	0.00000534	0.00883	0.00396	0.171	0.0378	0.00000749	61.3	0.0000451	0.00469	0.000487	0.00157
2065 Aug	364	0.0562	0.0494	0.00152	21.5	0.125	213	0.000869	0.000869	0.00000559	0.00928	0.00425	0.186	0.0397	0.00000793	65.6	0.0000481	0.00509	0.00051	0.00167
2065 Sep	371	0.0569	0.0488	0.00149	21	0.129	220	0.00084	0.00084	0.00000549	0.00924	0.0043	0.193	0.039	0.00000791	66.2	0.0000484	0.00525	0.000493	0.00166
2065 Oct	364	0.0595	0.0458	0.00143	19.9	0.128	218	0.000799	0.000799	0.00000527	0.00905	0.00419	0.19	0.0368	0.00000767	64.2	0.0000469	0.00517	0.000454	0.00161
2065 Nov	366	0.0602	0.0457	0.00142	19.9	0.129	220	0.000795	0.000795	0.00000526	0.00908	0.0042	0.192	0.0367	0.00000768	64.4	0.0000471	0.00521	0.00045	0.00162
2065 Dec	367	0.0603	0.0458	0.00143	19.9	0.129	220	0.000795	0.000795	0.00000526	0.00909	0.00421	0.192	0.0367	0.00000769	64.5	0.0000471	0.00522	0.000451	0.00162
2066 Jan	368	0.0603	0.0459	0.00143	19.9	0.13	221	0.000795	0.000795	0.00000526	0.0091	0.00422	0.193	0.0367	0.0000077	64.7	0.0000473	0.00524	0.000451	0.00162
2066 Feb	368	0.0603	0.0459	0.00143	19.9	0.13	221	0.000795	0.000795	0.00000527	0.0091	0.00422	0.193	0.0368	0.00000771	64.7	0.0000473	0.00525	0.000452	0.00162
2066 Mar	369	0.0604	0.046	0.00143	20	0.13	222	0.000796	0.000796	0.00000528	0.00912	0.00423	0.194	0.0368	0.00000772	64.8	0.0000474	0.00526	0.000453	0.00163
2066 Apr	370	0.0606	0.0461	0.00143	20	0.13	222	0.000798	0.000798	0.00000529	0.00914	0.00424	0.194	0.0369	0.00000774	65	0.0000475	0.00527	0.000454	0.00163
2066 May	372	0.0612	0.0465	0.00145	20.2	0.131	224	0.000808	0.000808	0.00000534	0.00922	0.00428	0.195	0.0373	0.00000781	65.5	0.0000479	0.0053	0.000459	0.00164
2066 Jun	288	0.0506	0.0368	0.00128	17.1	0.102	167	0.000809	0.000809	0.00000502	0.00837	0.00342	0.147	0.0319	0.00000685	52.2	0.0000403	0.00401	0.000395	0.00139
2066 Jul	307	0.051	0.0384	0.00135	17.6	0.109	179	0.000851	0.000851	0.0000053	0.00885	0.00363	0.158	0.0332	0.00000727	55.2	0.000043	0.00429	0.000408	0.00146
2066 Aug	332	0.0527	0.0408	0.00141	18.4	0.118	196	0.00088	0.00088	0.00000554	0.00929	0.0039	0.172	0.035	0.0000077	59.3	0.0000458	0.00468	0.000428	0.00155
2066 Sep	347	0.0538	0.0416	0.00143	18.6	0.123	207	0.000873	0.000873	0.00000557	0.00943	0.00405	0.182	0.0355	0.00000785	61.4	0.0000472	0.00492	0.000432	0.00158
2066 Oct	359	0.0549	0.0418	0.00141	18.4	0.128	217	0.000847	0.000847	0.0000055	0.00945	0.00415	0.19	0.0354	0.00000789	63	0.0000481	0.00514	0.000427	0.0016
2066 Nov	363	0.0552	0.0419	0.00141	18.4	0.13	220	0.000842	0.000842	0.00000549	0.00947	0.00419	0.192	0.0355	0.00000792	63.5	0.0000484	0.00521	0.000426	0.00161
2066 Dec	365	0.0553	0.042	0.00141	18.5	0.13	221	0.000842	0.000842	0.0000055	0.00948	0.0042	0.193	0.0356	0.00000793	63.7	0.0000485	0.00523	0.000427	0.00161
2067 Jan	365	0.0553	0.0421	0.00141	18.5	0.13	221	0.000842	0.000842	0.0000055	0.00949	0.00421	0.194	0.0356	0.00000794	63.8	0.0000486	0.00524	0.000427	0.00161
2067 Feb	366	0.0553	0.0421	0.00142	18.5	0.13	221	0.000842	0.000842	0.0000055	0.00949	0.00421	0.194	0.0356	0.00000794	63.8	0.0000486	0.00525	0.000428	0.00161
2067 Mar	366	0.0554	0.0421	0.00142	18.5	0.131	221	0.000843	0.000843	0.00000551	0.0095	0.00422	0.194	0.0356	0.00000795	63.9	0.0000487	0.00525	0.000428	0.00161
2067 Apr	367	0.0555	0.0422	0.00142	18.5	0.131	222	0.000845	0.000845	0.00000552	0.00952	0.00423	0.194	0.0357	0.00000797	64	0.0000488	0.00526	0.000429	0.00162
2067 May	362	0.0566	0.0421	0.00142	18.9	0.129	217	0.000859	0.000859	0.00000556	0.00953	0.0042	0.191	0.0364	0.00000796	63.8	0.0000484	0.00517	0.000442	0.00163
2067 Jun	312	0.0542	0.0375	0.00132	18	0.11	182	0.000852	0.000852	0.00000531	0.00887	0.00372	0.16	0.035	0.00000731	57	0.0000433	0.00436	0.00044	0.0015
2067 Jul	336	0.0559	0.0396	0.00139	18.8	0.118	197	0.000891	0.000891	0.0000056	0.00938	0.00398	0.173	0.0369	0.00000777	61	0.0000464	0.00472	0.000461	0.00159
2067 Aug	354	0.0554	0.0406	0.00142	19.1	0.125	210	0.000902	0.000902	0.00000573	0.00958	0.00417	0.184	0.0377	0.00000804	63.6	0.000048	0.005	0.000468	0.00165
2067 Sep	369	0.0561	0.0414	0.00143	19.2	0.131	221	0.0009	0.0009	0.00000579	0.00973	0.00432	0.193	0.0383	0.00000822	65.8	0.0000494	0.00525	0.000472	0.00169
2067 Oct	371	0.057	0.0405	0.0014	18.8	0.133	224	0.000871	0.000871	0.00000566	0.00964	0.00432	0.196	0.0376	0.00000813	65.8	0.0000492	0.00532	0.000458	0.00167
2067 Nov	375	0.0576	0.0405	0.0014	18.7	0.134	226	0.000866	0.000866	0.00000565	0.00967	0.00435	0.198	0.0375	0.00000815	66.2	0.0000495	0.00537	0.000456	0.00168
2067 Dec	376	0.0577	0.0406	0.0014	18.8	0.134	227	0.000866	0.000866	0.00000566	0.00968	0.00436	0.199	0.0376	0.00000816	66.4	0.0000496	0.0054	0.000457	0.00168
2068 Jan	377	0.0577	0.0407	0.0014	18.8	0.135	228	0.000865	0.000865	0.00000566	0.00969	0.00437	0.2	0.0377	0.00000817	66.5	0.0000497	0.00541	0.000457	0.00169
2068 Feb	377	0.0577	0.0407	0.0014	18.8	0.135	228	0.000865	0.000865	0.00000566	0.00969	0.00438	0.2	0.0377	0.00000818	66.6	0.0000497	0.00542	0.000457	0.00169
2068 Mar	378	0.0578	0.0407	0.0014	18.8	0.135	229	0.000867	0.000867	0.00000567	0.00971	0.00438	0.2	0.0377	0.00000819	66.7	0.0000498	0.00542	0.000458	0.00169
2068 Apr	381	0.0582	0.041	0.00141	18.9	0.136	230	0.000873	0.000873	0.00000571	0.00977	0.00441	0.201	0.038	0.00000825	67.1	0.0000501	0.00546	0.000461	0.0017
2068 May	374	0.059	0.0407	0.00141	19.2	0.133	224	0.000882	0.000882	0.00000572	0.00973	0.00436	0.196	0.0386	0.00000819	66.6	0.0000496	0.00533	0.000475	0.0017
2068 Jun	289	0.0524	0.0329	0.0012	17.2	0.101	166	0.000827	0.000827	0.0000051	0.00836	0.00351	0.146	0.035	0.00000692	54.3	0.0000405	0.004	0.000451	0.00145
2068 Jul	305	0.0511	0.0335	0.00123	17.2	0.107	178	0.000841	0.000841	0.00000523	0.0086	0.00367	0.156	0.0354	0.00000718	56.5	0.0000423	0.00426	0.000452	0.00149
2068 Aug	328	0.053	0.0355	0.00129	18	0.115	193	0.000876	0.000876	0.0000055	0.00906	0.00393	0.169	0.0374	0.00000761	60.4	0.000045	0.00461	0.000475	0.00158
2068 Sep	338	0.0541	0.0356	0.00129	18	0.119	200	0.00087	0.00087	0.00000551	0.00915	0.00402	0.175	0.0375	0.00000771	61.7	0.0000458	0.00477	0.000472	0.0016
2068 Oct	349	0.0548	0.036	0.0013	18	0.123	208	0.000865	0.000865	0.00000553	0.00926	0.00412	0.182	0.0378	0.00000782	63.2	0.0000468	0.00495	0.000473	0.00163
2068 Nov	352	0.055	0.0362	0.0013	18.1	0.125	210	0.000866	0.000866	0.00000555	0.0093	0.00416	0.184	0.038	0.00000786	63.7	0.0000472	0.005	0.000475	0.00164
2068 Dec	352	0.055	0.0363	0.0013	18.1	0.125	210	0.000866	0.000866	0.00000556	0.00931	0.00416	0.184	0.038	0.00000787	63.8	0.0000473	0.00501	0.000476	0.00164
2069 Jan	353	0.055	0.0363	0.0013	18.1	0.125	211	0.000866	0.000866	0.00000556	0.00932	0.00417	0.185	0.038	0.00000788	63.9	0.0000473	0.00503	0.000476	0.00164
2069 Feb	354	0.055	0.0363	0.0013	18.1	0.125	211	0.000866	0.000866	0.00000556	0.00932	0.00418	0.185	0.038	0.00000788	64	0.0000474	0.00503	0.000476	0.00164
2069 Mar	354	0.0551	0.0363	0.0013	18.1	0.125	211	0.000866	0.000866	0.00000556	0.00932	0.00418	0.185	0.0381	0.00000788	64	0.0000474	0.00503	0.000476	0.00164
2069 Apr	354	0.0552	0.0364	0.00131	18.2	0.125	212	0.000867	0.000867	0.00000557	0.00934	0.00418	0.185	0.0381	0.0000079	64.1	0.0000475	0.00504	0.000477	0.00165
2069 May	360	0.0561	0.037	0.00133	18.5	0.127	215	0.000882	0.000882	0.00000566	0.00949	0.00425	0.188	0.0388	0.00000802	65.2	0.0000482	0.00512	0.000486	0.00167
2069 Jun	297	0.0479	0.0311	0.00123	16.2	0.105	173	0.000874	0.000874	0.00000537	0.00883	0.00359	0.153	0.0339	0.00000727	54.6	0.0000425	0.00416	0.000423	0.00146
2069 Jul	308	0.0475	0.0317	0.00126	16.3	0.11	181	0.000901	0.000901	0.00000556	0.00915	0.00371	0.159	0.0345	0.00000754	56.3	0.0000442	0.00433	0.000427	0.0015

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	327	0.0483	0.0328	0.0013	16.7	0.117	194	0.000918	0.000918	0.00000572	0.00944	0.00392	0.171	0.0357	0.00000785	59.4	0.0000463	0.00463	0.00044	0.00156
2069 Sep	324	0.0496	0.0316	0.00127	16.3	0.117	193	0.000893	0.000893	0.00000559	0.00929	0.00387	0.17	0.0347	0.00000771	58.5	0.0000454	0.0046	0.000423	0.00154
2069 Oct	306	0.053	0.0291	0.0012	15.5	0.112	182	0.00086	0.00086	0.00000536	0.00902	0.00366	0.161	0.0327	0.00000736	55.3	0.0000428	0.00435	0.00039	0.00148
2069 Nov	306	0.0539	0.0288	0.0012	15.5	0.112	182	0.000858	0.000858	0.00000535	0.00902	0.00365	0.161	0.0325	0.00000735	55.2	0.0000427	0.00434	0.000387	0.00148
2069 Dec	307	0.0539	0.0289	0.0012	15.5	0.113	183	0.000858	0.000858	0.00000535	0.00903	0.00366	0.161	0.0326	0.00000736	55.3	0.0000428	0.00435	0.000388	0.00148
2070 Jan	307	0.0539	0.0289	0.0012	15.5	0.113	183	0.000858	0.000858	0.00000535	0.00903	0.00366	0.161	0.0326	0.00000736	55.3	0.0000428	0.00436	0.000388	0.00148
2070 Feb	307	0.0539	0.0289	0.0012	15.5	0.113	183	0.000858	0.000858	0.00000535	0.00903	0.00366	0.161	0.0326	0.00000736	55.4	0.0000428	0.00436	0.000388	0.00148
2070 Mar	307	0.054	0.0289	0.0012	15.5	0.113	183	0.000859	0.000859	0.00000536	0.00904	0.00366	0.161	0.0326	0.00000737	55.4	0.0000428	0.00436	0.000388	0.00148
2070 Apr	308	0.0542	0.029	0.00121	15.5	0.113	184	0.000862	0.000862	0.00000538	0.00907	0.00368	0.162	0.0327	0.00000739	55.6	0.000043	0.00438	0.00039	0.00149
2070 May	303	0.0553	0.0291	0.00121	15.9	0.111	179	0.000875	0.000875	0.00000541	0.00907	0.00365	0.158	0.0334	0.00000738	55.4	0.0000426	0.00428	0.000404	0.00149
2070 Jun	264	0.0544	0.0271	0.00114	16	0.0947	149	0.000869	0.000869	0.00000521	0.00848	0.00328	0.132	0.0334	0.00000684	50.5	0.0000385	0.00361	0.000422	0.00141
2070 Jul	281	0.0554	0.0282	0.00119	16.5	0.101	160	0.0009	0.0009	0.00000543	0.00887	0.00347	0.142	0.0347	0.00000718	53.3	0.0000407	0.00387	0.000437	0.00147
2070 Aug	297	0.0559	0.029	0.00122	16.8	0.107	171	0.000919	0.000919	0.00000559	0.00913	0.00364	0.151	0.0357	0.00000746	55.8	0.0000424	0.00412	0.000448	0.00153
2070 Sep	300	0.057	0.0284	0.00121	16.5	0.109	175	0.000902	0.000902	0.00000552	0.00911	0.00366	0.154	0.0352	0.00000743	56	0.0000424	0.00419	0.000436	0.00153
2070 Oct	294	0.0584	0.0273	0.00118	16.1	0.108	172	0.000883	0.000883	0.00000541	0.00899	0.00359	0.151	0.0342	0.00000729	54.8	0.0000415	0.00411	0.000419	0.0015
2070 Nov	297	0.0586	0.0273	0.00118	16.1	0.109	174	0.000881	0.000881	0.00000541	0.00902	0.00361	0.153	0.0342	0.00000731	55.2	0.0000417	0.00416	0.000418	0.0015
2070 Dec	298	0.0586	0.0273	0.00118	16.1	0.109	174	0.00088	0.00088	0.00000541	0.00902	0.00362	0.154	0.0343	0.00000732	55.3	0.0000418	0.00417	0.000419	0.00151
2071 Jan	298	0.0586	0.0273	0.00118	16.1	0.109	175	0.00088	0.00088	0.00000541	0.00903	0.00362	0.154	0.0343	0.00000732	55.3	0.0000418	0.00418	0.000419	0.00151
2071 Feb	298	0.0586	0.0273	0.00118	16.1	0.109	174	0.00088	0.00088	0.00000541	0.00903	0.00362	0.154	0.0343	0.00000732	55.3	0.0000418	0.00418	0.000419	0.00151
2071 Mar	298	0.0587	0.0273	0.00118	16.1	0.109	175	0.000881	0.000881	0.00000541	0.00903	0.00362	0.154	0.0343	0.00000733	55.3	0.0000418	0.00418	0.000419	0.00151
2071 Apr	299	0.0588	0.0274	0.00118	16.1	0.109	175	0.000882	0.000882	0.00000542	0.00904	0.00363	0.154	0.0343	0.00000734	55.4	0.0000419	0.00418	0.00042	0.00151
2071 May	291	0.0592	0.0272	0.00117	16.3	0.106	169	0.000886	0.000886	0.00000541	0.00895	0.00357	0.149	0.0347	0.00000725	54.7	0.0000411	0.00405	0.00043	0.0015
2071 Jun	243	0.0547	0.0244	0.00109	15.6	0.0871	135	0.000863	0.000863	0.00000509	0.00819	0.00308	0.119	0.0329	0.00000655	47.7	0.0000362	0.00327	0.000422	0.00136
2071 Jul	248	0.0544	0.0247	0.00111	15.7	0.0892	138	0.000885	0.000885	0.00000522	0.00841	0.00314	0.122	0.0332	0.00000672	48.5	0.0000372	0.00335	0.000424	0.00138
2071 Aug	262	0.0559	0.0256	0.00115	16.2	0.0943	147	0.000914	0.000914	0.00000541	0.00872	0.0033	0.13	0.0345	0.00000701	50.9	0.0000388	0.00355	0.000438	0.00144
2071 Sep	264	0.0561	0.0249	0.00113	15.8	0.0963	150	0.000895	0.000895	0.00000534	0.00865	0.00331	0.133	0.0338	0.00000697	50.9	0.0000386	0.00362	0.000424	0.00143
2071 Oct	265	0.0567	0.0244	0.00112	15.6	0.097	151	0.000882	0.000882	0.00000528	0.00861	0.00331	0.134	0.0333	0.00000693	50.8	0.0000385	0.00364	0.000416	0.00143
2071 Nov	266	0.0575	0.0242	0.00111	15.5	0.0976	152	0.000879	0.000879	0.00000527	0.00863	0.00331	0.134	0.0332	0.00000693	50.8	0.0000384	0.00366	0.000412	0.00143
2071 Dec	266	0.0576	0.0242	0.00111	15.5	0.0979	152	0.000879	0.000879	0.00000527	0.00864	0.00331	0.135	0.0332	0.00000693	50.9	0.0000385	0.00367	0.000412	0.00143
2072 Jan	266	0.0576	0.0242	0.00111	15.5	0.0979	152	0.000879	0.000879	0.00000527	0.00864	0.00331	0.135	0.0332	0.00000693	50.9	0.0000385	0.00367	0.000412	0.00143
2072 Feb	266	0.0576	0.0242	0.00111	15.5	0.0979	152	0.000879	0.000879	0.00000527	0.00864	0.00331	0.135	0.0332	0.00000693	50.9	0.0000385	0.00367	0.000412	0.00143
2072 Mar	267	0.0576	0.0242	0.00111	15.5	0.0979	152	0.000879	0.000879	0.00000528	0.00864	0.00332	0.135	0.0332	0.00000693	50.9	0.0000385	0.00367	0.000412	0.00143
2072 Apr	267	0.0578	0.0243	0.00112	15.6	0.0982	153	0.000882	0.000882	0.00000529	0.00866	0.00332	0.135	0.0333	0.00000695	51	0.0000386	0.00368	0.000413	0.00143
2072 May	271	0.0586	0.0247	0.00113	15.8	0.0996	155	0.000895	0.000895	0.00000537	0.00879	0.00337	0.137	0.0338	0.00000706	51.8	0.0000392	0.00373	0.000419	0.00145
2072 Jun	237	0.0513	0.022	0.0011	14.3	0.0879	133	0.000898	0.000898	0.00000525	0.00851	0.003	0.119	0.0304	0.0000067	45.6	0.0000365	0.00322	0.000372	0.00132
2072 Jul	240	0.0497	0.0219	0.00112	14.1	0.0896	136	0.000915	0.000915	0.00000536	0.00865	0.00305	0.121	0.0304	0.00000684	46	0.0000372	0.00328	0.000369	0.00133
2072 Aug	240	0.0491	0.0212	0.00111	13.9	0.0909	136	0.000917	0.000917	0.00000537	0.00855	0.00304	0.122	0.0299	0.00000685	45.7	0.0000363	0.00328	0.000357	0.00133
2072 Sep	238	0.0495	0.0205	0.0011	13.7	0.0911	135	0.000907	0.000907	0.00000531	0.00843	0.00301	0.121	0.0293	0.00000678	45.2	0.0000354	0.00326	0.000345	0.00131
2072 Oct	234	0.0515	0.0195	0.00107	13.3	0.0904	133	0.000882	0.000882	0.00000518	0.00831	0.00295	0.12	0.0284	0.00000663	44.3	0.0000346	0.00321	0.00033	0.00129
2072 Nov	237	0.0519	0.0195	0.00106	13.3	0.0918	136	0.000877	0.000877	0.00000517	0.00834	0.00298	0.122	0.0285	0.00000665	44.7	0.0000349	0.00327	0.00033	0.0013
2072 Dec	239	0.0519	0.0196	0.00106	13.3	0.0923	137	0.000876	0.000876	0.00000517	0.00835	0.00299	0.123	0.0285	0.00000667	45	0.0000351	0.0033	0.000331	0.0013
2073 Jan	239	0.0519	0.0196	0.00106	13.3	0.0924	137	0.000876	0.000876	0.00000517	0.00835	0.003	0.123	0.0285	0.00000667	45	0.0000351	0.0033	0.000331	0.0013
2073 Feb	239	0.0519	0.0196	0.00106	13.3	0.0924	137	0.000876	0.000876	0.00000517	0.00835	0.003	0.123	0.0286	0.00000667	45.1	0.0000351	0.0033	0.000331	0.0013
2073 Mar	239	0.0519	0.0196	0.00106	13.3	0.0925	137	0.000877	0.000877	0.00000518	0.00836	0.003	0.123	0.0286	0.00000668	45.1	0.0000352	0.00331	0.000331	0.0013
2073 Apr	241	0.0522	0.0197	0.00107	13.4	0.0931	138	0.000882	0.000882	0.00000521	0.00841	0.00302	0.124	0.0287	0.00000672	45.4	0.0000354	0.00333	0.000333	0.00131
2073 May	252	0.053	0.0206	0.00107	14	0.0954	145	0.000879	0.000879	0.00000523	0.00845	0.00315	0.129	0.0306	0.00000681	47.8	0.0000366	0.00349	0.000366	0.00136
2073 Jun	240	0.0514	0.0205	0.00102	14.3	0.088	135	0.000856	0.000856	0.00000506	0.00808	0.00305	0.12	0.0317	0.00000653	46.9	0.0000354	0.00327	0.000399	0.00133
2073 Jul	249	0.0518	0.0209	0.00105	14.5	0.0915	141	0.000878	0.000878	0.0000052	0.00831	0.00315	0.125	0.0324	0.00000673	48.4	0.0000366	0.00341	0.000406	0.00137
2073 Aug	263	0.0525	0.0216	0.00108	14.9	0.0968	150	0.0009	0.0009	0.00000537	0.00857	0.00331	0.133	0.0335	0.000007	50.7	0.0000381	0.00362	0.000417	0.00142
2073 Sep	272	0.0527	0.0215	0.00107	14.7	0.1	157	0.000889	0.000889	0.00000535	0.00861	0.00339	0.139	0.0335	0.00000707	51.9	0.0000388	0.00378	0.000415	0.00144
2073 Oct	275	0.0538	0.0208	0.00105	14.4	0.102	160	0.000865	0.000865	0.00000525	0.00856	0.0034	0.142	0.0328	0.000007	51.9	0.0000388	0.00384	0.000402	0.00143
2073 Nov	277	0.0542	0.0207	0.00104	14.3	0.103	162	0.000861	0.000861	0.00000524	0.00858	0.00342	0.143	0.0328	0.00000701	52.2	0.000039	0.00389	0.0004	0.00143
2073 Dec	279	0.0542	0.0208	0.00104	14.3	0.104	163	0.00086	0.00086	0.00000525	0.00859	0.00343	0.144	0.0329	0.00000703	52.4	0.0000391	0.00392	0.0004	0.00144
2074 Jan	280	0.0542	0.0208	0.00104	14.3	0.104	164	0.000859	0.000859	0.00000525	0.0086	0.00345	0.145	0.0329	0.00000704	52.6	0.0000393	0.00394	0.000401	0.00144
2074 Feb	281	0.0542	0.0208	0.00104	14.3	0.104	165	0.000859	0.000859	0.00000525	0.0086	0.00345	0.145	0.0329	0.00000705	52.7	0.0000393	0.00394	0.000401	0.00144
2074 Mar	281	0.0542	0.0208	0.00104	14.3	0.104	165	0.000859	0.000859	0.00000525	0.00861	0.00345	0.146	0.0329	0.00000705	52.7	0.0000393	0.00395	0.000402	0.00144
2074 Apr	282	0.0545	0.0209	0.00105	14.4	0.105	166	0.000864	0.000864	0.00000528	0.00865	0.00347	0.146	0.0331	0.00000709	53	0.0000395	0.00397	0.000404	0.00145
2074 May	285	0.0553	0.0216	0.00104	15	0.104	166	0.000863	0.000863	0.00000528	0.00861	0.00352	0.146	0.0349	0.00000709	54.3	0.0000399	0.00398	0.000438	0.00148
2074 Jun	254	0.0526	0.0208	0.000969	15	0.0898	143	0.000823	0.000823	0.00000494	0.00791	0.00321	0.126	0.0347	0.0000065	50.4	0.0000365	0.00347	0.000456	0.00139
2074 Jul	268	0.0538	0.0216	0.00101	15.5	0.095	152	0.000857	0.000857	0.00000516	0.00828	0.00338	0.134	0.036	0.00000682	52.8	0.0000384	0.00368	0.000472	0.00145
2074 Aug	292	0.056	0.0228	0.00106	16.2	0.103	167	0.000893	0.000893	0.00000543	0.00875	0.00365	0.147	0.0381	0.00000726	57	0.0000413	0.00404	0.000497	0.00155
2074 Sep	309	0.056	0.0225	0.00104	15.8	0.11	181	0.000866	0.000866	0.00000538	0.00881	0.0038	0.159	0.0379	0.00000736	59	0.0000426	0.00435	0.000487	0.00157
2074 Oct	325	0.0564	0.0222	0.00102	15.4	0.116	193	0.000841	0.000841	0.00000533	0.00889	0.00393	0.169	0.0377	0.00000745	60.9	0.0000439	0.00462	0.000479	0.00159
2074 Nov	346	0.0558	0.0225	0.00102	15.2	0.124	209	0.000824	0.000824	0.00000534	0.00902	0.00414	0.183	0.0383	0.00000764	63.9	0.000046	0.00499	0.000484	0.00163
2074 Dec	350	0.0557	0.0226	0.00102	15.2	0.125	212	0.000821	0.000821	0.00000534	0.00905	0.00417	0.185	0.0385	0.00000767	64.5	0.0000464	0.00505	0.000486	0.00164
2075 Jan	351	0.0557	0.0226	0.00102	15.2	0.125	213	0.000821	0.000821	0.00000534	0.00905	0.00418	0.186	0.0385	0.00000768	64.6	0.0000464	0.00506	0.000486	0.00164
2075 Feb	351	0.0557	0.0226	0.00102	15.2	0.126	213	0.000821	0.000821	0.00000534	0.00906	0.00418	0.186	0.0385	0.00000768	64.6	0.0000465	0.00507	0.000486	0.00164
2075 Mar	351	0.0557	0.0227	0.00102	15.2	0.126	213	0.000821	0.000821	0.00000535	0.00907	0.00419	0.186	0.0385	0.00000769	64.7	0.0000465	0.00507	0.000487	0.00165
2075 Apr	353	0.056	0.0228	0.00102	15.3	0.126	214	0.000825	0.000825	0.00000537	0.00911	0.00421	0.187	0.0387	0.00000773	65	0.0000468	0.0051	0.000489	0.00165
2075 May	373	0.0561	0.0233	0.00103	15.5	0.133	228	0.000823	0.000823	0.00000545	0.00931	0.00442	0.199	0.0399	0.00000796	68.2	0.0000489	0.00542	0.000504	0.00171
2075 Jun	303	0.0458	0.0197	0.000988	13.2	0.109	182	0.000825	0.000825	0.00000518	0.00868	0.00366	0.16	0.0336	0.00000718	55.9	0.0000428	0.00435	0.000416	0.00146
2075 Jul	291	0.0433	0.019	0.001	12.8	0.105	174	0.000848	0.000848	0.00000525	0.00872	0.00354	0.153	0.0324	0.00000716	53.6	0.0000422	0.00416	0.000398	0.00142
2075 Aug	304	0.044	0.0195	0.00103	13.1	0.111	183	0.000867	0.000867	0.0000054	0.00898	0.00369	0.161	0.0334	0.00000741	55.9	0.0000437	0.00437	0.000408	0.00147
2075 Sep	316	0.0447	0.0197	0.00104	13.2	0.115	191	0.00087	0.00087	0.00000546	0.00912	0.00381	0.168	0.034	0.00000756	57.7	0.0000449	0.00456	0.000414	0.00151
2075 Oct	319	0.0455	0.0195	0.00103	13.1	0.117	194	0.000861	0.000861	0.00000543	0.00913	0.00383	0.171	0.0339	0.00000757	58.1	0.000045	0.00462	0.000411	0.00151
2075 Nov	323	0.046	0.0195	0.00103	13.1	0.118	196	0.000859	0.000859	0.00000544	0.00917	0.00387	0.173	0.034	0.0000076	58.6	0.0000454	0.00468	0.000411	0.00152
2075 Dec	324	0.046	0.0196	0.00103	13.1	0.118	197	0.000859	0.000859	0.00000544	0.00918	0.00388	0.173	0.034	0.00000761	58.7	0.0000455	0.0047	0.000411	0.00152

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	324	0.0461	0.0196	0.00103	13.1	0.118	197	0.000859	0.000859	0.00000544	0.00918	0.00388	0.173	0.034	0.00000761	58.7	0.0000455	0.0047	0.000412	0.00152
2076 Feb	324	0.0461	0.0196	0.00103	13.1	0.118	197	0.000859	0.000859	0.00000545	0.00918	0.00388	0.174	0.0341	0.00000762	58.8	0.0000455	0.0047	0.000412	0.00152
2076 Mar	324	0.0461	0.0196	0.00103	13.1	0.118	197	0.00086	0.00086	0.00000545	0.00919	0.00388	0.174	0.0341	0.00000762	58.8	0.0000455	0.0047	0.000412	0.00152
2076 Apr	325	0.0463	0.0196	0.00103	13.1	0.119	198	0.000862	0.000862	0.00000546	0.00921	0.00389	0.174	0.0342	0.00000764	59	0.0000456	0.00472	0.000413	0.00153
2076 May	319	0.0476	0.02	0.00104	13.6	0.116	192	0.000876	0.000876	0.0000055	0.0092	0.00385	0.169	0.0348	0.00000761	58.6	0.0000451	0.0046	0.000427	0.00153
2076 Jun	259	0.046	0.0187	0.000982	13.5	0.0928	149	0.000856	0.000856	0.00000514	0.00834	0.00325	0.132	0.0329	0.00000677	50	0.0000387	0.0036	0.00042	0.00137
2076 Jul	264	0.046	0.0189	0.00101	13.7	0.0949	152	0.000879	0.000879	0.00000527	0.00854	0.00331	0.135	0.0333	0.00000693	50.8	0.0000396	0.00368	0.000423	0.0014
2076 Aug	282	0.0476	0.0197	0.00105	14.2	0.101	164	0.000912	0.000912	0.00000551	0.00893	0.00352	0.145	0.0349	0.00000729	53.9	0.0000418	0.00395	0.000441	0.00147
2076 Sep	297	0.0483	0.02	0.00106	14.3	0.107	174	0.000914	0.000914	0.00000558	0.00911	0.00367	0.153	0.0356	0.00000748	56.1	0.0000433	0.00418	0.000449	0.00151
2076 Oct	297	0.0493	0.0193	0.00103	13.9	0.108	175	0.00089	0.00089	0.00000547	0.00902	0.00365	0.155	0.0348	0.00000739	55.8	0.0000429	0.00421	0.000435	0.0015
2076 Nov	301	0.0497	0.0192	0.00102	13.8	0.109	179	0.000883	0.000883	0.00000545	0.00904	0.00369	0.157	0.0348	0.00000741	56.3	0.0000432	0.00428	0.000433	0.00151
2076 Dec	303	0.0497	0.0192	0.00102	13.8	0.11	180	0.000882	0.000882	0.00000546	0.00906	0.00371	0.159	0.0349	0.00000743	56.7	0.0000434	0.00432	0.000434	0.00151
2077 Jan	304	0.0497	0.0192	0.00102	13.8	0.11	180	0.000882	0.000882	0.00000546	0.00906	0.00371	0.159	0.0349	0.00000744	56.7	0.0000435	0.00432	0.000434	0.00151
2077 Feb	304	0.0497	0.0192	0.00102	13.8	0.11	180	0.000882	0.000882	0.00000546	0.00906	0.00371	0.159	0.0349	0.00000744	56.7	0.0000435	0.00432	0.000434	0.00151
2077 Mar	304	0.0497	0.0192	0.00102	13.8	0.11	181	0.000882	0.000882	0.00000546	0.00906	0.00371	0.159	0.035	0.00000744	56.7	0.0000435	0.00433	0.000435	0.00151
2077 Apr	305	0.0499	0.0193	0.00103	13.9	0.111	181	0.000885	0.000885	0.00000548	0.00909	0.00373	0.16	0.0351	0.00000746	56.9	0.0000436	0.00434	0.000436	0.00152
2077 May	301	0.0508	0.0195	0.00103	14.2	0.109	177	0.000893	0.000893	0.00000549	0.00907	0.0037	0.156	0.0356	0.00000743	56.7	0.0000433	0.00426	0.000447	0.00152
2077 Jun	257	0.0486	0.0186	0.000974	14.1	0.0912	146	0.000863	0.000863	0.00000516	0.00831	0.00325	0.129	0.0341	0.00000674	50.4	0.0000384	0.00354	0.000443	0.00139
2077 Jul	269	0.0492	0.0191	0.00101	14.4	0.0957	154	0.000897	0.000897	0.00000537	0.00868	0.00339	0.136	0.0352	0.00000705	52.5	0.0000402	0.00372	0.000455	0.00145
2077 Aug	285	0.0508	0.0199	0.00105	14.9	0.102	164	0.00093	0.00093	0.0000056	0.00905	0.00358	0.145	0.0367	0.00000738	55.3	0.0000422	0.00396	0.000472	0.00152
2077 Sep	281	0.0511	0.0186	0.00101	14.2	0.102	163	0.000896	0.000896	0.00000542	0.00882	0.00351	0.144	0.0351	0.0000072	54	0.000041	0.00393	0.000445	0.00148
2077 Oct	288	0.0521	0.0183	0.001	14.1	0.105	169	0.000884	0.000884	0.0000054	0.00886	0.00357	0.149	0.035	0.00000724	54.8	0.0000415	0.00405	0.000439	0.00149
2077 Nov	292	0.0523	0.0184	0.001	14.1	0.106	171	0.000884	0.000884	0.00000541	0.00891	0.00361	0.151	0.0351	0.00000728	55.4	0.0000419	0.00412	0.000441	0.0015
2077 Dec	293	0.0523	0.0184	0.001	14.1	0.106	172	0.000883	0.000883	0.00000541	0.00892	0.00362	0.152	0.0352	0.00000729	55.5	0.000042	0.00413	0.000441	0.0015
2078 Jan	293	0.0523	0.0184	0.001	14.1	0.107	172	0.000883	0.000883	0.00000541	0.00892	0.00362	0.152	0.0352	0.0000073	55.6	0.000042	0.00414	0.000441	0.0015
2078 Feb	293	0.0523	0.0184	0.001	14.1	0.107	172	0.000883	0.000883	0.00000542	0.00892	0.00362	0.152	0.0352	0.0000073	55.6	0.000042	0.00414	0.000441	0.0015
2078 Mar	293	0.0523	0.0184	0.001	14.1	0.107	172	0.000884	0.000884	0.00000542	0.00892	0.00362	0.152	0.0352	0.0000073	55.6	0.000042	0.00414	0.000442	0.0015
2078 Apr	295	0.0527	0.0185	0.00101	14.2	0.107	173	0.000889	0.000889	0.00000545	0.00898	0.00364	0.153	0.0354	0.00000734	55.9	0.0000423	0.00416	0.000444	0.00151
2078 May	285	0.0537	0.019	0.000998	14.8	0.102	164	0.000886	0.000886	0.00000538	0.00876	0.00356	0.145	0.0365	0.00000717	55.3	0.0000411	0.00397	0.000471	0.0015
2078 Jun	250	0.0522	0.0186	0.000946	14.8	0.0875	139	0.000854	0.000854	0.00000507	0.00809	0.0032	0.123	0.0356	0.00000658	50.4	0.0000371	0.00339	0.000473	0.00141
2078 Jul	265	0.0538	0.0193	0.000989	15.3	0.093	149	0.000892	0.000892	0.00000531	0.00848	0.00339	0.131	0.0371	0.00000693	53.1	0.0000391	0.00361	0.000492	0.00147
2078 Aug	280	0.0537	0.0195	0.00101	15.5	0.0988	159	0.000905	0.000905	0.00000544	0.00869	0.00355	0.14	0.0379	0.00000717	55.4	0.0000406	0.00385	0.000499	0.00152
2078 Sep	297	0.0538	0.0196	0.00101	15.4	0.105	172	0.000901	0.000901	0.0000055	0.00885	0.00372	0.151	0.0385	0.00000737	57.9	0.0000422	0.00414	0.000503	0.00156
2078 Oct	311	0.0538	0.0192	0.00099	15	0.111	182	0.000879	0.000879	0.00000545	0.00891	0.00384	0.16	0.0384	0.00000745	59.6	0.0000433	0.00438	0.000498	0.00158
2078 Nov	314	0.054	0.0192	0.000987	15	0.112	185	0.000876	0.000876	0.00000545	0.00893	0.00387	0.162	0.0385	0.00000747	60.1	0.0000436	0.00444	0.000496	0.00159
2078 Dec	315	0.054	0.0192	0.000987	15	0.112	186	0.000875	0.000875	0.00000545	0.00894	0.00388	0.163	0.0385	0.00000748	60.2	0.0000437	0.00446	0.000497	0.00159
2079 Jan	316	0.0539	0.0192	0.000987	15	0.113	186	0.000875	0.000875	0.00000545	0.00895	0.00389	0.163	0.0385	0.00000749	60.4	0.0000438	0.00447	0.000497	0.00159
2079 Feb	316	0.0539	0.0192	0.000987	15	0.113	187	0.000874	0.000874	0.00000545	0.00895	0.00389	0.164	0.0385	0.00000749	60.4	0.0000439	0.00448	0.000497	0.00159
2079 Mar	317	0.054	0.0192	0.000987	15	0.113	187	0.000875	0.000875	0.00000546	0.00896	0.00389	0.164	0.0386	0.0000075	60.4	0.0000439	0.00448	0.000498	0.0016
2079 Apr	318	0.0541	0.0193	0.000991	15	0.113	187	0.000878	0.000878	0.00000548	0.00899	0.00391	0.164	0.0387	0.00000753	60.7	0.0000441	0.0045	0.000499	0.0016
2079 May	321	0.0549	0.0196	0.001	15.3	0.114	189	0.00089	0.00089	0.00000555	0.0091	0.00395	0.166	0.0393	0.00000762	61.4	0.0000446	0.00455	0.000507	0.00162
2079 Jun	253	0.0456	0.0168	0.000949	13.3	0.0906	145	0.000864	0.000864	0.00000516	0.00829	0.00321	0.128	0.0332	0.00000673	49.5	0.0000382	0.00351	0.000428	0.00137
2079 Jul	251	0.0435	0.0164	0.000956	12.9	0.0904	144	0.000873	0.000873	0.00000519	0.00834	0.00319	0.128	0.0325	0.00000677	48.9	0.0000383	0.00349	0.000415	0.00136
2079 Aug	268	0.0442	0.0168	0.000986	13.2	0.0967	155	0.000898	0.000898	0.00000539	0.00865	0.00337	0.137	0.0338	0.00000708	51.6	0.0000401	0.00374	0.000429	0.00142
2079 Sep	273	0.0455	0.0163	0.000969	13	0.0993	159	0.000881	0.000881	0.00000533	0.00864	0.00341	0.141	0.0334	0.00000707	52.1	0.0000403	0.00384	0.000419	0.00142
2079 Oct	277	0.0467	0.0159	0.000954	12.8	0.101	163	0.000865	0.000865	0.00000527	0.00863	0.00343	0.144	0.033	0.00000706	52.4	0.0000404	0.00392	0.000411	0.00143
2079 Nov	276	0.0476	0.0157	0.000949	12.7	0.101	163	0.000861	0.000861	0.00000525	0.00862	0.00342	0.144	0.0328	0.00000703	52.2	0.0000402	0.00391	0.000405	0.00142
2079 Dec	276	0.0484	0.0155	0.000946	12.6	0.102	163	0.000858	0.000858	0.00000523	0.00862	0.00341	0.144	0.0326	0.00000701	52	0.0000401	0.0039	0.000402	0.00142
2080 Jan	276	0.0484	0.0155	0.000946	12.6	0.102	163	0.000858	0.000858	0.00000523	0.00862	0.00341	0.144	0.0326	0.00000702	52	0.0000401	0.00391	0.000402	0.00142
2080 Feb	276	0.0484	0.0155	0.000946	12.6	0.102	163	0.000858	0.000858	0.00000523	0.00862	0.00341	0.144	0.0326	0.00000702	52.1	0.0000401	0.00391	0.000402	0.00142
2080 Mar	276	0.0484	0.0155	0.000946	12.6	0.102	163	0.000858	0.000858	0.00000524	0.00862	0.00341	0.144	0.0326	0.00000702	52.1	0.0000401	0.00391	0.000402	0.00142
2080 Apr	276	0.0486	0.0155	0.000948	12.7	0.102	163	0.00086	0.00086	0.00000525	0.00864	0.00342	0.144	0.0327	0.00000703	52.2	0.0000402	0.00391	0.000403	0.00142
2080 May	281	0.0493	0.0158	0.000963	12.9	0.103	166	0.000873	0.000873	0.00000533	0.00877	0.00347	0.146	0.0332	0.00000714	53	0.0000408	0.00397	0.000409	0.00144
2080 Jun	244	0.043	0.0143	0.000947	11.7	0.0908	142	0.000871	0.000871	0.00000518	0.00843	0.00308	0.126	0.0297	0.00000673	46.5	0.0000377	0.00342	0.000361	0.00131
2080 Jul	235	0.0402	0.0138	0.000953	11.2	0.0879	136	0.000882	0.000882	0.00000519	0.00839	0.00298	0.121	0.0286	0.00000668	44.6	0.000037	0.00328	0.000344	0.00127
2080 Aug	244	0.0404	0.0139	0.000971	11.4	0.0917	142	0.000898	0.000898	0.00000531	0.00855	0.00308	0.127	0.0292	0.00000686	46.1	0.0000378	0.00342	0.000349	0.00131
2080 Sep	248	0.0411	0.0136	0.000963	11.3	0.0939	145	0.000889	0.000889	0.00000529	0.00853	0.00312	0.13	0.0291	0.00000688	46.6	0.0000379	0.0035	0.000345	0.00132
2080 Oct	257	0.0422	0.0134	0.000951	11.2	0.0973	152	0.000875	0.000875	0.00000526	0.00857	0.0032	0.135	0.0293	0.00000693	47.8	0.0000386	0.00365	0.000344	0.00133
2080 Nov	261	0.043	0.0133	0.000942	11.1	0.099	155	0.000866	0.000866	0.00000523	0.00858	0.00323	0.138	0.0293	0.00000694	48.4	0.0000388	0.00372	0.000343	0.00134
2080 Dec	263	0.043	0.0133	0.000941	11.1	0.0997	157	0.000865	0.000865	0.00000523	0.0086	0.00325	0.139	0.0293	0.00000695	48.7	0.000039	0.00376	0.000343	0.00134
2081 Jan	263	0.0431	0.0133	0.000941	11.1	0.0997	157	0.000865	0.000865	0.00000524	0.0086	0.00325	0.139	0.0294	0.00000696	48.7	0.000039	0.00376	0.000344	0.00135
2081 Feb	263	0.0431	0.0133	0.000941	11.1	0.0997	157	0.000865	0.000865	0.00000524	0.0086	0.00325	0.139	0.0294	0.00000696	48.7	0.000039	0.00376	0.000344	0.00135
2081 Mar	263	0.0431	0.0133	0.000942	11.1	0.0998	157	0.000865	0.000865	0.00000524	0.0086	0.00325	0.139	0.0294	0.00000696	48.7	0.000039	0.00376	0.000344	0.00135
2081 Apr	264	0.0433	0.0134	0.000945	11.2	0.1	158	0.000868	0.000868	0.00000526	0.00863	0.00327	0.14	0.0295	0.00000698	48.9	0.0000392	0.00377	0.000345	0.00135
2081 May	251	0.0456	0.0142	0.000953	12.1	0.0942	146	0.000882	0.000882	0.00000526	0.00851	0.00317	0.13	0.0307	0.00000686	47.9	0.0000379	0.00353	0.000373	0.00135
2081 Jun	227	0.0458	0.0146	0.000932	12.5	0.0837	128	0.000871	0.000871	0.00000509	0.0081	0.00293	0.114	0.0307	0.00000648	44.9	0.0000352	0.00311	0.000387	0.0013
2081 Jul	241	0.0478	0.0153	0.000981	13.1	0.0888	136	0.000916	0.000916	0.00000536	0.00855	0.00311	0.121	0.0323	0.00000684	47.5	0.0000373	0.00331	0.000406	0.00137
2081 Aug	259	0.0499	0.016	0.00103	13.7	0.0955	147	0.000958	0.000958	0.00000564	0.009	0.00332	0.131	0.0341	0.00000724	50.7	0.0000397	0.00357	0.000428	0.00145
2081 Sep	270	0.0502	0.0158	0.00102	13.5	0.0997	155	0.000948	0.000948	0.00000564	0.00906	0.00342	0.138	0.0343	0.00000733	52.2	0.0000405	0.00375	0.000426	0.00147
2081 Oct	281	0.0504	0.0157	0.00101	13.4	0.104	164	0.000936	0.000936	0.00000563	0.00913	0.00353	0.145	0.0345	0.00000742	53.8	0.0000415	0.00395	0.000427	0.00149
2081 Nov	283	0.0509	0.0153	0.000993	13.2	0.105	166	0.00092	0.00092	0.00000556	0.00908	0.00354	0.147	0.0342	0.00000738	53.9	0.0000415	0.004	0.00042	0.00149
2081 Dec	283	0.0512	0.0152	0.000991	13.2	0.105	166	0.000919	0.000919	0.00000555	0.00908	0.00353	0.147	0.0341	0.00000737	53.8	0.0000414	0.00399	0.000418	0.00148
2082 Jan	283	0.0512	0.0152	0.000991	13.2	0.105	166	0.000918	0.000918	0.00000555	0.00908	0.00353	0.147	0.0341	0.00000737	53.8	0.0000414	0.00399	0.000418	0.00148
2082 Feb	283	0.0512	0.0152	0.000991	13.2	0.105	166	0.000919	0.000919	0.00000556	0.00908	0.00353	0.147	0.0341	0.00000737	53.8	0.0000414	0.00399	0.000419	0.00149
2082 Mar	283	0.0513	0.0152	0.000992	13.2	0.105	166	0.000919	0.000919	0.00000556	0.00908	0.00354	0.147	0.0341	0.00000738	53.9	0.0000415	0.004	0.000419	0.00149
2082 Apr	284	0.0514	0.0153	0.000994	13.2	0.105	167	0.000922	0.000922	0.00000557	0.00911	0.00354	0.148	0.0342	0.0000074	54	0.0000416	0.00401	0.00042	0.00149
2082 May	288	0.0521	0.0155	0.00101	13.4	0.107	169	0.000934	0.000934	0.00000565	0.00923	0.00359	0.15	0.0347	0.00000749	54.7	0.0000421	0.00406	0.000426	0.00151

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	251	0.0407	0.0132	0.000947	11.2	0.0936	147	0.000886	0.000886	0.00000528	0.00862	0.00314	0.131	0.0295	0.00000689	47.2	0.0000388	0.00354	0.000354	0.00132
2082 Jul	229	0.0358	0.0122	0.000936	10.3	0.0863	133	0.000882	0.000882	0.00000518	0.00839	0.0029	0.12	0.0271	0.00000664	43.1	0.000037	0.00322	0.000321	0.00123
2082 Aug	240	0.0369	0.0126	0.000965	10.6	0.0908	141	0.000909	0.000909	0.00000536	0.00866	0.00303	0.126	0.0281	0.0000069	45.1	0.0000383	0.00339	0.000331	0.00128
2082 Sep	246	0.0378	0.0126	0.000972	10.7	0.0931	144	0.000914	0.000914	0.00000541	0.00876	0.0031	0.129	0.0285	0.00000699	46	0.0000388	0.00348	0.000333	0.0013
2082 Oct	244	0.04	0.012	0.000941	10.5	0.0931	144	0.000885	0.000885	0.00000526	0.00861	0.00306	0.129	0.0278	0.00000684	45.4	0.000038	0.00346	0.000321	0.00128
2082 Nov	249	0.0404	0.012	0.00094	10.5	0.095	148	0.000883	0.000883	0.00000527	0.00866	0.00311	0.132	0.028	0.00000689	46.2	0.0000385	0.00355	0.000323	0.0013
2082 Dec	251	0.0404	0.012	0.000939	10.4	0.0957	149	0.000882	0.000882	0.00000528	0.00867	0.00313	0.133	0.0281	0.00000691	46.5	0.0000387	0.00358	0.000325	0.0013
2083 Jan	251	0.0404	0.012	0.000939	10.4	0.0958	149	0.000882	0.000882	0.00000528	0.00868	0.00313	0.133	0.0281	0.00000691	46.5	0.0000388	0.00359	0.000325	0.0013
2083 Feb	251	0.0404	0.012	0.000939	10.5	0.0958	149	0.000882	0.000882	0.00000528	0.00868	0.00313	0.133	0.0281	0.00000692	46.5	0.0000388	0.00359	0.000325	0.0013
2083 Mar	252	0.0404	0.012	0.00094	10.5	0.0959	150	0.000883	0.000883	0.00000528	0.00868	0.00313	0.134	0.0281	0.00000692	46.6	0.0000388	0.00359	0.000325	0.0013
2083 Apr	253	0.0406	0.012	0.000943	10.5	0.0962	150	0.000886	0.000886	0.0000053	0.00872	0.00314	0.134	0.0282	0.00000695	46.8	0.0000389	0.0036	0.000326	0.00131
2083 May	263	0.0421	0.0129	0.000942	11.2	0.0987	156	0.000885	0.000885	0.00000533	0.00877	0.00328	0.139	0.0301	0.00000705	49.2	0.00004	0.00375	0.000359	0.00136
2083 Jun	240	0.0421	0.0136	0.000892	11.8	0.0873	138	0.000844	0.000844	0.00000502	0.00811	0.00305	0.123	0.0308	0.00000653	46.6	0.0000369	0.00335	0.000389	0.0013
2083 Jul	247	0.0419	0.0137	0.000913	11.9	0.0901	143	0.000864	0.000864	0.00000515	0.0083	0.00313	0.127	0.0312	0.00000671	47.7	0.0000379	0.00346	0.000392	0.00133
2083 Aug	255	0.0411	0.0136	0.000928	11.9	0.094	149	0.000878	0.000878	0.00000525	0.0084	0.00322	0.132	0.0316	0.00000688	48.9	0.0000384	0.00359	0.000392	0.00136
2083 Sep	264	0.0424	0.0132	0.000914	11.7	0.0977	156	0.000863	0.000863	0.00000522	0.00844	0.0033	0.138	0.0315	0.00000692	50	0.000039	0.00374	0.000387	0.00138
2083 Oct	263	0.0449	0.0124	0.000887	11.3	0.0985	156	0.000837	0.000837	0.00000509	0.00835	0.00327	0.138	0.0306	0.00000681	49.5	0.0000384	0.00375	0.00037	0.00136
2083 Nov	266	0.0454	0.0123	0.000879	11.2	0.0999	159	0.000828	0.000828	0.00000506	0.00836	0.00329	0.141	0.0305	0.00000681	49.8	0.0000386	0.00381	0.000367	0.00136
2083 Dec	268	0.0454	0.0123	0.000878	11.2	0.1	160	0.000827	0.000827	0.00000507	0.00837	0.00331	0.142	0.0306	0.00000682	50.1	0.0000387	0.00383	0.000368	0.00137
2084 Jan	268	0.0455	0.0123	0.000878	11.2	0.1	160	0.000828	0.000828	0.00000507	0.00837	0.00331	0.142	0.0306	0.00000682	50.1	0.0000387	0.00383	0.000368	0.00137
2084 Feb	268	0.0455	0.0123	0.000878	11.2	0.1	160	0.000828	0.000828	0.00000507	0.00837	0.00331	0.142	0.0306	0.00000682	50.1	0.0000387	0.00383	0.000368	0.00137
2084 Mar	268	0.0455	0.0123	0.000879	11.3	0.1	160	0.000828	0.000828	0.00000507	0.00838	0.00331	0.142	0.0306	0.00000683	50.1	0.0000388	0.00383	0.000368	0.00137
2084 Apr	270	0.0458	0.0123	0.000884	11.3	0.101	161	0.000833	0.000833	0.0000051	0.00842	0.00333	0.142	0.0308	0.00000687	50.4	0.000039	0.00386	0.000371	0.00138
2084 May	265	0.0477	0.0133	0.000894	12.2	0.0977	155	0.000846	0.000846	0.00000513	0.00838	0.00331	0.137	0.0323	0.00000683	50.6	0.0000386	0.00374	0.0004	0.00139
2084 Jun	230	0.047	0.0138	0.000863	12.6	0.0829	129	0.000824	0.000824	0.00000486	0.00776	0.00296	0.114	0.0318	0.00000626	45.9	0.0000347	0.00314	0.000411	0.0013
2084 Jul	240	0.0477	0.0141	0.000892	12.9	0.0868	136	0.000852	0.000852	0.00000504	0.00804	0.00308	0.12	0.0327	0.00000651	47.6	0.0000361	0.00329	0.000422	0.00135
2084 Aug	253	0.0486	0.0144	0.000916	13.1	0.0919	144	0.000873	0.000873	0.0000052	0.00831	0.00323	0.128	0.0338	0.00000677	49.9	0.0000376	0.0035	0.000433	0.0014
2084 Sep	263	0.0484	0.0141	0.000905	12.9	0.0959	152	0.000862	0.000862	0.00000519	0.00834	0.00332	0.134	0.0338	0.00000685	51.2	0.0000383	0.00367	0.000429	0.00142
2084 Oct	268	0.0495	0.0136	0.000886	12.6	0.0985	157	0.000842	0.000842	0.00000512	0.00834	0.00336	0.139	0.0333	0.00000683	51.6	0.0000386	0.00378	0.000418	0.00142
2084 Nov	270	0.05	0.0134	0.000881	12.5	0.0992	158	0.000837	0.000837	0.0000051	0.00834	0.00337	0.14	0.0331	0.00000683	51.7	0.0000386	0.0038	0.000414	0.00142
2084 Dec	271	0.05	0.0134	0.000881	12.5	0.0997	159	0.000836	0.000836	0.0000051	0.00835	0.00338	0.14	0.0332	0.00000684	51.9	0.0000387	0.00382	0.000415	0.00142
2085 Jan	272	0.05	0.0134	0.000881	12.5	0.1	160	0.000836	0.000836	0.0000051	0.00836	0.00339	0.141	0.0332	0.00000685	52	0.0000388	0.00384	0.000415	0.00142
2085 Feb	272	0.05	0.0134	0.000881	12.5	0.1	160	0.000836	0.000836	0.0000051	0.00836	0.00339	0.141	0.0332	0.00000685	52	0.0000388	0.00384	0.000415	0.00142
2085 Mar	272	0.05	0.0134	0.000881	12.5	0.1	160	0.000836	0.000836	0.00000511	0.00836	0.00339	0.141	0.0332	0.00000685	52	0.0000388	0.00384	0.000416	0.00142
2085 Apr	273	0.0502	0.0134	0.000884	12.6	0.1	160	0.000839	0.000839	0.00000512	0.00839	0.0034	0.141	0.0333	0.00000688	52.2	0.000039	0.00385	0.000417	0.00143
2085 May	271	0.0513	0.0141	0.00089	13.1	0.0986	158	0.000847	0.000847	0.00000514	0.00837	0.0034	0.139	0.0344	0.00000686	52.5	0.0000389	0.0038	0.000438	0.00144
2085 Jun	254	0.0514	0.0146	0.000887	13.6	0.0911	144	0.000848	0.000848	0.00000507	0.00813	0.00324	0.127	0.0346	0.00000664	50.5	0.0000371	0.00349	0.00045	0.00141
2085 Jul	268	0.0525	0.0151	0.00092	13.9	0.0964	153	0.000879	0.000879	0.00000528	0.00847	0.00341	0.135	0.0359	0.00000695	53	0.000039	0.00371	0.000466	0.00147
2085 Aug	282	0.0516	0.0149	0.00092	13.8	0.102	163	0.000877	0.000877	0.00000533	0.00857	0.00354	0.144	0.0362	0.00000711	54.9	0.0000401	0.00394	0.000466	0.0015
2085 Sep	291	0.0516	0.0141	0.000895	13.3	0.106	172	0.000852	0.000852	0.00000525	0.00855	0.00361	0.151	0.0356	0.00000713	55.8	0.0000406	0.00412	0.000452	0.0015
2085 Oct	298	0.052	0.0136	0.000873	12.9	0.109	178	0.000829	0.000829	0.00000518	0.00855	0.00367	0.156	0.0352	0.00000713	56.5	0.0000411	0.00426	0.000441	0.0015
2085 Nov	300	0.0524	0.0133	0.000862	12.7	0.11	180	0.000818	0.000818	0.00000514	0.00853	0.00367	0.158	0.0348	0.00000711	56.5	0.0000411	0.0043	0.000434	0.0015
2085 Dec	301	0.0524	0.0133	0.000862	12.7	0.111	181	0.000818	0.000818	0.00000514	0.00854	0.00368	0.158	0.0349	0.00000712	56.7	0.0000412	0.00431	0.000435	0.0015
2086 Jan	301	0.0524	0.0133	0.000862	12.7	0.111	181	0.000818	0.000818	0.00000514	0.00854	0.00368	0.158	0.0349	0.00000712	56.7	0.0000412	0.00431	0.000435	0.0015
2086 Feb	301	0.0525	0.0133	0.000862	12.7	0.111	181	0.000818	0.000818	0.00000514	0.00854	0.00368	0.158	0.0349	0.00000712	56.7	0.0000412	0.00431	0.000435	0.0015
2086 Mar	301	0.0525	0.0133	0.000862	12.7	0.111	181	0.000818	0.000818	0.00000514	0.00854	0.00369	0.159	0.0349	0.00000712	56.7	0.0000412	0.00432	0.000435	0.0015
2086 Apr	302	0.0527	0.0133	0.000866	12.7	0.111	181	0.000822	0.000822	0.00000516	0.00858	0.0037	0.159	0.0351	0.00000715	56.9	0.0000414	0.00433	0.000437	0.00151
2086 May	305	0.0536	0.0137	0.000878	13	0.112	183	0.000833	0.000833	0.00000523	0.00867	0.00374	0.16	0.0358	0.00000723	57.7	0.0000418	0.00436	0.000448	0.00153
2086 Jun	253	0.0485	0.0135	0.000858	12.7	0.0915	146	0.000824	0.000824	0.00000496	0.00802	0.0032	0.129	0.0331	0.00000655	49.6	0.0000369	0.00352	0.000425	0.00137
2086 Jul	259	0.0476	0.0135	0.000886	12.6	0.094	150	0.000851	0.000851	0.00000512	0.00827	0.00327	0.132	0.0333	0.00000675	50.4	0.0000381	0.00361	0.000425	0.00139
2086 Aug	275	0.0474	0.0135	0.0009	12.7	0.1	161	0.000863	0.000863	0.00000525	0.00847	0.00344	0.142	0.0341	0.000007	52.8	0.0000396	0.00387	0.000431	0.00144
2086 Sep	283	0.0472	0.013	0.000884	12.3	0.104	168	0.000847	0.000847	0.00000521	0.00845	0.00351	0.148	0.0338	0.00000705	53.8	0.0000399	0.00403	0.000421	0.00145
2086 Oct	294	0.0476	0.0128	0.000874	12.2	0.108	177	0.000836	0.000836	0.0000052	0.00853	0.00362	0.155	0.034	0.00000714	55.3	0.0000409	0.00422	0.000421	0.00147
2086 Nov	297	0.0476	0.0128	0.000875	12.2	0.109	178	0.000836	0.000836	0.00000522	0.00857	0.00365	0.157	0.0341	0.00000717	55.8	0.0000412	0.00427	0.000423	0.00148
2086 Dec	298	0.0476	0.0128	0.000874	12.2	0.11	179	0.000835	0.000835	0.00000522	0.00858	0.00366	0.158	0.0342	0.00000719	56	0.0000414	0.00429	0.000423	0.00148
2087 Jan	299	0.0476	0.0128	0.000874	12.2	0.11	180	0.000835	0.000835	0.00000522	0.00858	0.00366	0.158	0.0342	0.00000719	56	0.0000414	0.00429	0.000423	0.00148
2087 Feb	299	0.0476	0.0128	0.000875	12.2	0.11	180	0.000836	0.000836	0.00000522	0.00858	0.00366	0.158	0.0342	0.00000719	56	0.0000414	0.00429	0.000423	0.00148
2087 Mar	299	0.0477	0.0128	0.000875	12.2	0.11	180	0.000836	0.000836	0.00000523	0.00859	0.00367	0.158	0.0343	0.0000072	56.1	0.0000414	0.0043	0.000424	0.00149
2087 Apr	300	0.0478	0.0129	0.000877	12.2	0.11	180	0.000838	0.000838	0.00000524	0.00861	0.00367	0.158	0.0343	0.00000721	56.2	0.0000415	0.00431	0.000425	0.00149
2087 May	292	0.0488	0.0133	0.000884	12.6	0.107	174	0.000847	0.000847	0.00000524	0.00856	0.00361	0.153	0.0348	0.00000715	55.5	0.0000408	0.00417	0.000436	0.00148
2087 Jun	253	0.0493	0.0141	0.000879	13.3	0.0911	144	0.000848	0.000848	0.00000507	0.00807	0.00323	0.127	0.0344	0.00000664	50.4	0.0000369	0.0035	0.000448	0.0014
2087 Jul	266	0.0493	0.0143	0.000901	13.5	0.0958	152	0.000869	0.000869	0.00000522	0.00831	0.00337	0.134	0.0352	0.00000688	52.3	0.0000384	0.00369	0.000456	0.00144
2087 Aug	281	0.0504	0.0147	0.00093	13.8	0.101	162	0.000896	0.000896	0.00000542	0.00863	0.00355	0.143	0.0366	0.00000719	54.9	0.0000402	0.00392	0.000471	0.00151
2087 Sep	296	0.0512	0.0147	0.000934	13.8	0.107	173	0.000898	0.000898	0.00000549	0.00884	0.00371	0.152	0.0373	0.00000739	57.3	0.0000418	0.00417	0.000478	0.00155
2087 Oct	305	0.0514	0.0143	0.000919	13.6	0.111	181	0.000883	0.000883	0.00000546	0.00887	0.00379	0.159	0.0372	0.00000744	58.4	0.0000426	0.00433	0.000474	0.00156
2087 Nov	306	0.0516	0.0142	0.000914	13.5	0.111	182	0.000878	0.000878	0.00000544	0.00887	0.00379	0.16	0.0371	0.00000743	58.5	0.0000427	0.00436	0.000471	0.00156
2087 Dec	308	0.0515	0.0142	0.000913	13.5	0.112	183	0.000877	0.000877	0.00000545	0.00889	0.00381	0.161	0.0372	0.00000745	58.8	0.0000429	0.00439	0.000472	0.00157
2088 Jan	309	0.0515	0.0142	0.000913	13.5	0.112	184	0.000877	0.000877	0.00000545	0.00889	0.00382	0.161	0.0372	0.00000746	58.9	0.0000429	0.0044	0.000472	0.00157
2088 Feb	309	0.0515	0.0142	0.000913	13.5	0.112	184	0.000877	0.000877	0.00000545	0.00889	0.00382	0.161	0.0372	0.00000746	58.9	0.0000429	0.0044	0.000472	0.00157
2088 Mar	309	0.0516	0.0142	0.000914	13.5	0.112	184	0.000878	0.000878	0.00000545	0.0089	0.00382	0.161	0.0372	0.00000746	59	0.0000429	0.0044	0.000473	0.00157
2088 Apr	312	0.052	0.0143	0.000921	13.6	0.113	185	0.000885	0.000885	0.0000055	0.00897	0.00385	0.163	0.0375	0.00000752	59.4	0.0000433	0.00444	0.000476	0.00158
2088 May	317	0.053	0.0146	0.000938	13.9	0.115	188	0.0009	0.0009	0.00000559	0.00913	0.00392	0.165	0.0383	0.00000766	60.5	0.0000441	0.00452	0.000486	0.00161
2088 Jun	272	0.0462	0.0134	0.000929	12.6	0.0996	159	0.000898	0.000898	0.00000541	0.00872	0.00343	0.141	0.034	0.00000714	52.4	0.0000402	0.00383	0.000427	0.00144
2088 Jul	276	0.0459	0.0135	0.000963	12.7	0.101	161	0.000931	0.000931	0.00000559	0.009	0.00348	0.143	0.0343	0.00000735	53.1	0.0000414	0.00389	0.000428	0.00147
2088 Aug	298	0.048	0.0142	0.00101	13.3	0.109	175	0.000977	0.000977	0.0000059	0.00953	0.00374	0.155	0.0364	0.00000781	56.9	0.0000442	0.00421	0.000453	0.00156
2088 Sep	313	0.0485	0.0142	0.00101	13.3	0.115	186	0.000978	0.000978	0.00000597	0.0097	0.00389	0.164	0.0371	0.000008	59.2	0.0000457	0.00446	0.00046	0.0016
2088 Oct	306	0.0497	0.0132	0.000973	12.7	0.113	182	0.000939	0.000939	0.00000575	0.00945	0.00378	0.161	0.0356	0.00000775	57.5	0.0000443	0.00437	0.000436	0.00156

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	304	0.0505	0.013	0.000967	12.7	0.113	181	0.000934	0.000934	0.00000572	0.00942	0.00376	0.16	0.0353	0.0000077	57.1	0.000044	0.00434	0.000431	0.00155
2088 Dec	305	0.0504	0.013	0.000967	12.7	0.113	182	0.000933	0.000933	0.00000572	0.00943	0.00377	0.161	0.0353	0.00000772	57.3	0.0000441	0.00436	0.000431	0.00155
2089 Jan	305	0.0505	0.013	0.000967	12.7	0.113	182	0.000933	0.000933	0.00000572	0.00943	0.00377	0.161	0.0353	0.00000772	57.3	0.0000441	0.00436	0.000431	0.00155
2089 Feb	305	0.0505	0.013	0.000967	12.7	0.113	182	0.000933	0.000933	0.00000572	0.00943	0.00377	0.161	0.0353	0.00000772	57.3	0.0000441	0.00436	0.000432	0.00155
2089 Mar	305	0.0505	0.0131	0.000968	12.7	0.113	182	0.000935	0.000935	0.00000573	0.00944	0.00378	0.161	0.0354	0.00000773	57.4	0.0000442	0.00437	0.000432	0.00156
2089 Apr	307	0.0508	0.0131	0.000973	12.8	0.114	183	0.000939	0.000939	0.00000576	0.00949	0.0038	0.162	0.0356	0.00000777	57.7	0.0000444	0.00439	0.000434	0.00156
2089 May	297	0.0521	0.0137	0.00098	13.3	0.11	175	0.000948	0.000948	0.00000575	0.00939	0.00372	0.155	0.0362	0.00000766	56.8	0.0000434	0.00421	0.00045	0.00156
2089 Jun	266	0.0528	0.0146	0.000969	14	0.0963	151	0.000942	0.000942	0.00000557	0.00892	0.00341	0.133	0.0362	0.00000721	52.8	0.00004	0.00366	0.000466	0.00149
2089 Jul	282	0.0528	0.0148	0.00099	14.1	0.103	162	0.000962	0.000962	0.00000574	0.0092	0.0036	0.143	0.0372	0.00000751	55.5	0.0000419	0.00392	0.000477	0.00155
2089 Aug	300	0.0529	0.0149	0.00101	14.3	0.109	174	0.000983	0.000983	0.00000592	0.00947	0.00379	0.153	0.0384	0.00000781	58.2	0.0000437	0.00419	0.000487	0.00161
2089 Sep	316	0.0531	0.0146	0.000999	14.1	0.115	186	0.000968	0.000968	0.00000592	0.00958	0.00394	0.164	0.0387	0.00000795	60.5	0.0000452	0.00447	0.000488	0.00164
2089 Oct	313	0.0541	0.0135	0.000953	13.4	0.116	187	0.000923	0.000923	0.0000057	0.00937	0.00388	0.164	0.0371	0.00000774	59.4	0.0000443	0.00447	0.000461	0.0016
2089 Nov	314	0.0545	0.0134	0.000951	13.3	0.116	187	0.000921	0.000921	0.00000569	0.00938	0.00388	0.165	0.037	0.00000774	59.4	0.0000443	0.00449	0.000459	0.0016
2089 Dec	316	0.0545	0.0134	0.000951	13.3	0.117	188	0.00092	0.00092	0.00000569	0.00939	0.0039	0.166	0.0371	0.00000776	59.6	0.0000444	0.00451	0.000459	0.00161
2090 Jan	316	0.0545	0.0134	0.000951	13.3	0.117	188	0.00092	0.00092	0.0000057	0.0094	0.0039	0.166	0.0371	0.00000776	59.7	0.0000445	0.00451	0.000459	0.00161
2090 Feb	316	0.0545	0.0134	0.000951	13.3	0.117	189	0.000921	0.000921	0.0000057	0.0094	0.0039	0.166	0.0371	0.00000776	59.7	0.0000445	0.00451	0.00046	0.00161
2090 Mar	316	0.0546	0.0134	0.000952	13.3	0.117	189	0.000921	0.000921	0.0000057	0.00941	0.0039	0.166	0.0371	0.00000777	59.7	0.0000445	0.00452	0.00046	0.00161
2090 Apr	317	0.0548	0.0134	0.000955	13.4	0.117	189	0.000924	0.000924	0.00000572	0.00944	0.00392	0.167	0.0372	0.00000779	59.9	0.0000446	0.00453	0.000461	0.00161
2090 May	325	0.0551	0.0136	0.000959	13.5	0.12	194	0.000928	0.000928	0.00000577	0.00954	0.004	0.171	0.0379	0.0000079	61.2	0.0000455	0.00465	0.00047	0.00164
2090 Jun	293	0.0488	0.0134	0.00089	12.9	0.106	173	0.000864	0.000864	0.00000533	0.00873	0.00364	0.152	0.0359	0.00000722	56.2	0.000042	0.00416	0.000458	0.00151
2090 Jul	300	0.0485	0.0135	0.000914	12.9	0.108	177	0.000889	0.000889	0.00000547	0.00896	0.00372	0.156	0.0363	0.00000741	57.2	0.0000431	0.00426	0.000461	0.00153
2090 Aug	295	0.0464	0.0126	0.000898	12.4	0.108	175	0.000873	0.000873	0.00000538	0.0087	0.00365	0.155	0.0349	0.0000073	55.8	0.0000414	0.0042	0.000434	0.0015
2090 Sep	300	0.0473	0.012	0.000875	12	0.111	181	0.000851	0.000851	0.0000053	0.00867	0.00368	0.159	0.0342	0.00000728	56.2	0.0000415	0.00431	0.00042	0.00149
2090 Oct	291	0.0497	0.0111	0.000849	11.6	0.109	176	0.000826	0.000826	0.00000515	0.00852	0.00357	0.155	0.0328	0.00000708	54.3	0.0000402	0.00419	0.000396	0.00145
2090 Nov	288	0.0503	0.0108	0.000839	11.5	0.108	174	0.000816	0.000816	0.00000509	0.00845	0.00352	0.153	0.0322	0.00000699	53.6	0.0000397	0.00414	0.000387	0.00144
2090 Dec	289	0.0503	0.0108	0.000838	11.4	0.109	175	0.000815	0.000815	0.00000509	0.00847	0.00354	0.154	0.0323	0.00000701	53.9	0.0000398	0.00417	0.000388	0.00144
2091 Jan	290	0.0503	0.0108	0.000838	11.4	0.109	175	0.000814	0.000814	0.00000509	0.00847	0.00355	0.155	0.0323	0.00000702	54	0.0000399	0.00418	0.000388	0.00144
2091 Feb	290	0.0503	0.0108	0.000838	11.4	0.109	176	0.000814	0.000814	0.00000509	0.00847	0.00355	0.155	0.0323	0.00000702	54	0.0000399	0.00418	0.000389	0.00144
2091 Mar	291	0.0503	0.0108	0.000839	11.5	0.109	176	0.000815	0.000815	0.0000051	0.00848	0.00355	0.155	0.0324	0.00000703	54.1	0.00004	0.00419	0.000389	0.00145
2091 Apr	292	0.0506	0.0109	0.000844	11.5	0.11	177	0.00082	0.00082	0.00000513	0.00853	0.00357	0.156	0.0326	0.00000707	54.4	0.0000402	0.00422	0.000392	0.00145
2091 May	292	0.0518	0.0114	0.000858	12	0.109	175	0.000835	0.000835	0.00000519	0.0086	0.00358	0.154	0.0334	0.00000711	54.7	0.0000403	0.00419	0.000405	0.00147
2091 Jun	250	0.051	0.0126	0.000855	12.7	0.0916	144	0.000836	0.000836	0.00000501	0.00806	0.00318	0.127	0.0332	0.00000657	49.3	0.0000363	0.00347	0.000423	0.00138
2091 Jul	266	0.0526	0.0131	0.000896	13.2	0.0975	154	0.000877	0.000877	0.00000527	0.00849	0.00337	0.136	0.0347	0.00000694	52.2	0.0000386	0.00371	0.000442	0.00145
2091 Aug	276	0.0513	0.0127	0.000891	12.9	0.102	161	0.000871	0.000871	0.00000529	0.0085	0.00346	0.142	0.0346	0.00000704	53.3	0.000039	0.00387	0.000435	0.00146
2091 Sep	287	0.0505	0.0122	0.000876	12.6	0.107	170	0.000856	0.000856	0.00000527	0.00851	0.00357	0.15	0.0345	0.00000713	54.8	0.0000397	0.00409	0.000427	0.00148
2091 Oct	294	0.0508	0.0116	0.00085	12.2	0.109	176	0.000829	0.000829	0.00000517	0.00847	0.00361	0.155	0.0339	0.0000071	55.3	0.00004	0.00421	0.000416	0.00147
2091 Nov	289	0.052	0.0111	0.000836	11.9	0.108	174	0.000816	0.000816	0.00000509	0.0084	0.00355	0.153	0.0331	0.00000699	54.3	0.0000394	0.00415	0.000403	0.00145
2091 Dec	290	0.0521	0.0111	0.000835	11.9	0.109	174	0.000815	0.000815	0.00000509	0.00841	0.00356	0.154	0.0331	0.000007	54.4	0.0000395	0.00416	0.000403	0.00146
2092 Jan	291	0.052	0.0111	0.000835	11.9	0.109	175	0.000814	0.000814	0.00000509	0.00842	0.00357	0.154	0.0332	0.00000701	54.6	0.0000396	0.00418	0.000403	0.00146
2092 Feb	292	0.052	0.0111	0.000835	11.9	0.109	176	0.000814	0.000814	0.00000509	0.00842	0.00357	0.155	0.0332	0.00000702	54.7	0.0000397	0.00419	0.000403	0.00146
2092 Mar	292	0.0521	0.0111	0.000836	11.9	0.11	176	0.000816	0.000816	0.0000051	0.00844	0.00358	0.155	0.0332	0.00000703	54.8	0.0000397	0.0042	0.000404	0.00146
2092 Apr	294	0.0524	0.0111	0.00084	12	0.11	177	0.00082	0.00082	0.00000512	0.00848	0.0036	0.156	0.0334	0.00000706	55	0.0000399	0.00422	0.000406	0.00147
2092 May	297	0.0531	0.0117	0.000848	12.4	0.111	178	0.000828	0.000828	0.00000517	0.00855	0.00365	0.157	0.0344	0.00000713	56	0.0000405	0.00426	0.000424	0.00149
2092 Jun	247	0.0479	0.0123	0.000807	12.3	0.0893	142	0.000791	0.000791	0.00000478	0.00769	0.00312	0.125	0.0325	0.00000632	48.6	0.0000355	0.00344	0.00042	0.00134
2092 Jul	251	0.0459	0.012	0.000814	12	0.0913	146	0.000798	0.000798	0.00000484	0.0078	0.00317	0.129	0.0322	0.00000643	49	0.0000362	0.00352	0.000412	0.00134
2092 Aug	274	0.0469	0.0123	0.000838	12.3	0.0994	161	0.000821	0.000821	0.00000504	0.00817	0.00341	0.142	0.0338	0.0000068	52.7	0.0000388	0.00387	0.00043	0.00142
2092 Sep	300	0.0462	0.0119	0.000821	12	0.109	181	0.000802	0.000802	0.00000506	0.00835	0.00367	0.159	0.0346	0.00000704	56.4	0.0000412	0.00432	0.000435	0.00147
2092 Oct	317	0.0461	0.0116	0.000802	11.7	0.115	193	0.000783	0.000783	0.00000504	0.00844	0.00382	0.169	0.0348	0.00000717	58.7	0.0000427	0.00461	0.000435	0.0015
2092 Nov	323	0.0461	0.0115	0.000797	11.6	0.118	198	0.000777	0.000777	0.00000504	0.00848	0.00388	0.174	0.035	0.00000722	59.6	0.0000434	0.00472	0.000436	0.00152
2092 Dec	324	0.0461	0.0115	0.000797	11.6	0.118	199	0.000777	0.000777	0.00000504	0.00849	0.00389	0.174	0.0351	0.00000723	59.7	0.0000434	0.00473	0.000436	0.00152
2093 Jan	324	0.0461	0.0115	0.000797	11.6	0.118	199	0.000777	0.000777	0.00000505	0.0085	0.00389	0.174	0.0351	0.00000724	59.8	0.0000435	0.00474	0.000437	0.00152
2093 Feb	325	0.0461	0.0115	0.000797	11.6	0.118	199	0.000777	0.000777	0.00000505	0.0085	0.0039	0.174	0.0351	0.00000724	59.8	0.0000435	0.00474	0.000437	0.00152
2093 Mar	326	0.0462	0.0115	0.000798	11.6	0.118	200	0.000779	0.000779	0.00000506	0.00852	0.00391	0.175	0.0352	0.00000726	60	0.0000436	0.00476	0.000438	0.00152
2093 Apr	328	0.0464	0.0116	0.000803	11.7	0.119	201	0.000783	0.000783	0.00000509	0.00857	0.00393	0.176	0.0354	0.0000073	60.3	0.0000439	0.00479	0.00044	0.00153
2093 May	330	0.0474	0.012	0.000814	12	0.119	202	0.000794	0.000794	0.00000514	0.00864	0.00397	0.176	0.0362	0.00000736	61	0.0000442	0.0048	0.000455	0.00155
2093 Jun	281	0.0469	0.0128	0.000812	12.6	0.0999	165	0.000796	0.000796	0.00000494	0.00805	0.00348	0.145	0.035	0.00000674	54.1	0.0000393	0.00397	0.000454	0.00143
2093 Jul	292	0.0474	0.0131	0.000841	12.8	0.104	172	0.000825	0.000825	0.00000512	0.00835	0.00361	0.151	0.036	0.00000701	56.1	0.0000409	0.00414	0.000465	0.00148
2093 Aug	310	0.048	0.0133	0.000862	13	0.111	185	0.000844	0.000844	0.00000529	0.00865	0.00381	0.162	0.0372	0.00000732	59	0.0000429	0.00443	0.000479	0.00155
2093 Sep	323	0.0484	0.013	0.000853	12.8	0.116	195	0.000835	0.000835	0.00000531	0.00877	0.00394	0.171	0.0375	0.00000745	60.9	0.0000442	0.00466	0.000479	0.00158
2093 Oct	316	0.05	0.0118	0.000818	12.2	0.115	191	0.000801	0.000801	0.00000512	0.00858	0.00383	0.168	0.0356	0.00000722	59	0.0000428	0.00456	0.000447	0.00153
2093 Nov	313	0.0512	0.0114	0.00081	12	0.115	190	0.000793	0.000793	0.00000507	0.00855	0.00379	0.167	0.035	0.00000716	58.3	0.0000424	0.00453	0.000435	0.00151
2093 Dec	314	0.0512	0.0114	0.00081	12	0.115	191	0.000793	0.000793	0.00000507	0.00856	0.0038	0.167	0.035	0.00000717	58.4	0.0000425	0.00454	0.000436	0.00152
2094 Jan	314	0.0512	0.0114	0.000809	12	0.115	191	0.000792	0.000792	0.00000507	0.00857	0.0038	0.167	0.035	0.00000717	58.5	0.0000425	0.00455	0.000436	0.00152
2094 Feb	314	0.0512	0.0114	0.000809	12	0.115	191	0.000792	0.000792	0.00000507	0.00857	0.00381	0.167	0.0351	0.00000718	58.5	0.0000425	0.00456	0.000436	0.00152
2094 Mar	315	0.0513	0.0114	0.000811	12	0.115	192	0.000794	0.000794	0.00000508	0.00858	0.00381	0.168	0.0351	0.00000719	58.6	0.0000426	0.00456	0.000437	0.00152
2094 Apr	316	0.0514	0.0115	0.000813	12	0.116	192	0.000796	0.000796	0.0000051	0.00861	0.00382	0.168	0.0352	0.00000721	58.8	0.0000427	0.00458	0.000438	0.00153
2094 May	313	0.0519	0.012	0.000815	12.4	0.114	189	0.000799	0.000799	0.00000509	0.00855	0.00381	0.166	0.0359	0.00000717	58.8	0.0000425	0.00452	0.000453	0.00153
2094 Jun	298	0.0522	0.0131	0.000824	13.1	0.106	176	0.000809	0.000809	0.00000506	0.00837	0.00367	0.154	0.0367	0.00000699	57.3	0.0000411	0.00423	0.000477	0.00151
2094 Jul	321	0.0542	0.0137	0.000867	13.7	0.115	191	0.000851	0.000851	0.00000536	0.00889	0.00394	0.167	0.0389	0.00000746	61.4	0.0000441	0.00458	0.000503	0.00161
2094 Aug	354	0.0564	0.0143	0.000906	14.3	0.127	213	0.000889	0.000889	0.00000568	0.00949	0.00431	0.186	0.0415	0.00000802	67	0.000048	0.00509	0.000535	0.00173
2094 Sep	367	0.0565	0.0138	0.000891	14	0.132	223	0.000873	0.000873	0.00000566	0.00956	0.00443	0.195	0.0415	0.00000811	68.6	0.0000491	0.00532	0.00053	0.00175
2094 Oct	366	0.0565	0.0128	0.000856	13.3	0.132	225	0.000839	0.000839	0.0000055	0.00941	0.00439	0.196	0.0401	0.00000797	67.8	0.0000486	0.00534	0.000506	0.00172
2094 Nov	360	0.057	0.0119	0.000828	12.7	0.131	222	0.000811	0.000811	0.00000535	0.00925	0.00429	0.193	0.0386	0.00000779	66.2	0.0000475	0.00527	0.00048	0.00168
2094 Dec	359	0.0571	0.0119	0.000826	12.7	0.131	222	0.000809	0.000809	0.00000534	0.00924	0.00429	0.193	0.0384	0.00000777	66.1	0.0000474	0.00526	0.000478	0.00167
2095 Jan	360	0.0571	0.0119	0.000826	12.7	0.131	222	0.000809	0.000809	0.00000534	0.00924	0.00429	0.194	0.0385	0.00000778	66.2	0.0000475	0.00527	0.000478	0.00168
2095 Feb	360	0.0571	0.0119	0.000826	12.7	0.131	222	0.000809	0.000809	0.00000534	0.00924	0.0043	0.194	0.0385	0.00000778	66.2	0.0000475	0.00528	0.000479	0.00168
2095 Mar	361	0.0571	0.0119	0.000826	12.7	0.131	223	0.000809	0.000809	0.00000534	0.00925	0.0043	0.194	0.0385	0.00000779	66.3	0.0000476	0.00528	0.000479	0.00168

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	362	0.0574	0.0119	0.00083	12.8	0.132	224	0.000813	0.000813	0.00000537	0.00929	0.00432	0.195	0.0387	0.00000783	66.6	0.0000478	0.00531	0.000481	0.00169
2095 May	349	0.058	0.0125	0.000839	13.2	0.127	213	0.000823	0.000823	0.00000535	0.00917	0.0042	0.186	0.039	0.00000769	65.1	0.0000465	0.00507	0.000491	0.00167
2095 Jun	331	0.059	0.0135	0.000862	14	0.119	198	0.000847	0.000847	0.00000538	0.00905	0.00404	0.173	0.0395	0.00000755	63	0.0000449	0.00473	0.000508	0.00164
2095 Jul	350	0.0613	0.0141	0.000908	14.6	0.126	210	0.000892	0.000892	0.00000568	0.00954	0.00427	0.183	0.0415	0.00000797	66.5	0.0000474	0.00501	0.000533	0.00173
2095 Aug	353	0.0595	0.0137	0.000901	14.3	0.128	213	0.000885	0.000885	0.00000566	0.00948	0.0043	0.186	0.0411	0.000008	66.7	0.0000474	0.00508	0.000523	0.00173
2095 Sep	363	0.0587	0.0133	0.000892	14	0.132	220	0.000875	0.000875	0.00000566	0.00951	0.00438	0.193	0.041	0.00000808	67.8	0.000048	0.00525	0.000518	0.00174
2095 Oct	374	0.0583	0.0131	0.000879	13.8	0.136	229	0.000863	0.000863	0.00000565	0.00957	0.00449	0.2	0.0412	0.00000816	69.3	0.0000491	0.00544	0.000518	0.00176
2095 Nov	373	0.0584	0.0126	0.000865	13.5	0.136	230	0.000848	0.000848	0.00000558	0.00951	0.00447	0.2	0.0405	0.0000081	69	0.0000489	0.00545	0.000507	0.00175
2095 Dec	373	0.0586	0.0125	0.000863	13.4	0.136	229	0.000846	0.000846	0.00000557	0.00951	0.00446	0.2	0.0404	0.00000809	68.9	0.0000488	0.00545	0.000505	0.00175
2096 Jan	374	0.0585	0.0125	0.000862	13.4	0.136	230	0.000846	0.000846	0.00000557	0.00951	0.00447	0.201	0.0405	0.0000081	69	0.0000489	0.00546	0.000505	0.00175
2096 Feb	374	0.0586	0.0126	0.000863	13.4	0.136	230	0.000846	0.000846	0.00000557	0.00952	0.00448	0.201	0.0405	0.0000081	69.1	0.0000489	0.00547	0.000506	0.00175
2096 Mar	375	0.0586	0.0126	0.000863	13.4	0.136	230	0.000847	0.000847	0.00000558	0.00952	0.00448	0.201	0.0405	0.00000811	69.1	0.000049	0.00547	0.000506	0.00175
2096 Apr	376	0.0589	0.0126	0.000867	13.5	0.137	231	0.00085	0.00085	0.0000056	0.00956	0.0045	0.202	0.0407	0.00000815	69.4	0.0000492	0.0055	0.000508	0.00176
2096 May	385	0.0587	0.0128	0.000865	13.6	0.139	237	0.000848	0.000848	0.00000562	0.00962	0.00459	0.207	0.0415	0.00000823	70.9	0.0000501	0.00563	0.00052	0.00178
2096 Jun	318	0.048	0.0119	0.000818	12.1	0.114	192	0.000805	0.000805	0.00000515	0.00865	0.00385	0.168	0.0359	0.00000726	59.3	0.0000436	0.00459	0.000455	0.00153
2096 Jul	322	0.0474	0.012	0.000844	12.1	0.116	196	0.000831	0.000831	0.00000529	0.00888	0.00391	0.171	0.0362	0.00000744	60.1	0.0000446	0.00467	0.000455	0.00155
2096 Aug	344	0.0491	0.0124	0.000878	12.5	0.124	210	0.000864	0.000864	0.00000554	0.00932	0.00416	0.184	0.038	0.00000785	63.8	0.0000473	0.00501	0.000477	0.00164
2096 Sep	347	0.0498	0.0119	0.000862	12.3	0.126	213	0.000848	0.000848	0.00000548	0.00929	0.00417	0.186	0.0375	0.00000783	63.9	0.0000473	0.00507	0.000466	0.00163
2096 Oct	337	0.0518	0.0108	0.000829	11.7	0.124	208	0.000816	0.000816	0.00000529	0.00908	0.00404	0.182	0.0357	0.00000758	61.7	0.0000456	0.00494	0.000435	0.00158
2096 Nov	337	0.0525	0.0107	0.000827	11.6	0.124	207	0.000814	0.000814	0.00000528	0.00908	0.00403	0.182	0.0355	0.00000756	61.5	0.0000455	0.00493	0.000431	0.00158
2096 Dec	337	0.0525	0.0107	0.000826	11.6	0.124	208	0.000813	0.000813	0.00000528	0.00908	0.00403	0.182	0.0355	0.00000757	61.6	0.0000456	0.00494	0.000431	0.00158
2097 Jan	338	0.0524	0.0107	0.000826	11.6	0.125	208	0.000813	0.000813	0.00000528	0.00909	0.00404	0.182	0.0355	0.00000757	61.7	0.0000456	0.00494	0.000432	0.00158
2097 Feb	338	0.0525	0.0107	0.000826	11.6	0.125	208	0.000813	0.000813	0.00000528	0.00909	0.00404	0.182	0.0355	0.00000757	61.7	0.0000456	0.00495	0.000432	0.00158
2097 Mar	338	0.0525	0.0107	0.000827	11.6	0.125	208	0.000813	0.000813	0.00000528	0.00909	0.00404	0.182	0.0355	0.00000758	61.7	0.0000456	0.00495	0.000432	0.00158
2097 Apr	340	0.0528	0.0107	0.000831	11.7	0.125	210	0.000818	0.000818	0.00000531	0.00914	0.00406	0.183	0.0357	0.00000762	62.1	0.0000459	0.00498	0.000435	0.00159
2097 May	339	0.0539	0.0112	0.000847	12.1	0.125	208	0.000834	0.000834	0.00000538	0.00922	0.00407	0.182	0.0364	0.00000767	62.4	0.000046	0.00495	0.000447	0.00161
2097 Jun	302	0.0536	0.0122	0.000856	12.8	0.11	180	0.000845	0.000845	0.00000527	0.0088	0.00372	0.158	0.036	0.00000724	57.4	0.0000424	0.00431	0.000456	0.00153
2097 Jul	320	0.0553	0.0127	0.000897	13.3	0.116	191	0.000886	0.000886	0.00000554	0.00925	0.00393	0.168	0.0377	0.00000763	60.6	0.0000448	0.00458	0.000476	0.00161
2097 Aug	335	0.0562	0.0129	0.00092	13.5	0.122	201	0.000908	0.000908	0.00000571	0.00954	0.0041	0.176	0.0389	0.00000791	63.1	0.0000465	0.00481	0.000489	0.00166
2097 Sep	346	0.0567	0.0129	0.000924	13.6	0.126	209	0.000911	0.000911	0.00000577	0.00969	0.00422	0.183	0.0395	0.00000807	64.9	0.0000476	0.00499	0.000494	0.0017
2097 Oct	347	0.0568	0.0125	0.000909	13.3	0.127	211	0.000897	0.000897	0.00000571	0.00964	0.00421	0.185	0.039	0.00000802	64.8	0.0000476	0.00502	0.000486	0.00169
2097 Nov	345	0.057	0.0122	0.0009	13.1	0.126	209	0.000888	0.000888	0.00000566	0.00958	0.00418	0.184	0.0386	0.00000796	64.3	0.0000472	0.00499	0.000479	0.00168
2097 Dec	344	0.0572	0.0122	0.000898	13.1	0.126	209	0.000886	0.000886	0.00000564	0.00956	0.00417	0.183	0.0384	0.00000794	64	0.000047	0.00498	0.000476	0.00167
2098 Jan	345	0.0572	0.0122	0.000898	13.1	0.126	209	0.000886	0.000886	0.00000564	0.00956	0.00417	0.183	0.0385	0.00000794	64.1	0.0000471	0.00499	0.000477	0.00167
2098 Feb	345	0.0572	0.0122	0.000898	13.1	0.126	209	0.000886	0.000886	0.00000565	0.00956	0.00418	0.183	0.0385	0.00000794	64.2	0.0000471	0.00499	0.000477	0.00167
2098 Mar	345	0.0572	0.0122	0.000898	13.1	0.126	209	0.000886	0.000886	0.00000565	0.00957	0.00418	0.183	0.0385	0.00000795	64.2	0.0000471	0.00499	0.000477	0.00167
2098 Apr	325	0.0588	0.0132	0.00091	14	0.118	194	0.000899	0.000899	0.00000561	0.00936	0.00401	0.17	0.0392	0.00000773	62.1	0.0000451	0.00464	0.000498	0.00165
2098 Jun	259	0.0554	0.0139	0.00087	14.1	0.0921	146	0.000861	0.000861	0.00000515	0.00828	0.00332	0.129	0.0365	0.00000673	52.3	0.0000379	0.00355	0.000483	0.00146
2098 Jul	274	0.0574	0.0144	0.000916	14.7	0.0975	155	0.000907	0.000907	0.00000543	0.00873	0.00351	0.136	0.0382	0.00000711	55.1	0.00004	0.00376	0.000504	0.00153
2098 Aug	285	0.0568	0.0142	0.000918	14.5	0.102	163	0.000909	0.000909	0.00000548	0.00883	0.00362	0.144	0.0385	0.00000726	56.6	0.0000409	0.00395	0.000503	0.00156
2098 Sep	286	0.0561	0.013	0.000879	13.7	0.104	166	0.00087	0.00087	0.00000531	0.00864	0.00359	0.146	0.0368	0.00000712	55.8	0.0000402	0.004	0.000472	0.00152
2098 Oct	289	0.0566	0.0119	0.000842	13	0.106	170	0.000833	0.000833	0.00000515	0.00853	0.00358	0.15	0.0354	0.00000701	55.4	0.00004	0.00408	0.000446	0.0015
2098 Nov	289	0.057	0.0115	0.000831	12.7	0.107	171	0.000823	0.000823	0.0000051	0.00851	0.00357	0.15	0.0349	0.00000698	55.2	0.0000399	0.0041	0.000438	0.00149
2098 Dec	290	0.057	0.0115	0.000831	12.7	0.107	172	0.000822	0.000822	0.00000511	0.00851	0.00358	0.151	0.0349	0.00000698	55.4	0.00004	0.00411	0.000438	0.00149
2099 Jan	290	0.057	0.0115	0.000831	12.7	0.107	172	0.000822	0.000822	0.00000511	0.00852	0.00358	0.151	0.035	0.00000699	55.4	0.00004	0.00412	0.000438	0.00149
2099 Feb	291	0.057	0.0115	0.000831	12.7	0.107	172	0.000822	0.000822	0.00000511	0.00852	0.00359	0.151	0.035	0.00000699	55.5	0.00004	0.00413	0.000438	0.00149
2099 Mar	291	0.0571	0.0115	0.000832	12.8	0.107	173	0.000824	0.000824	0.00000512	0.00854	0.00359	0.152	0.0351	0.00000701	55.6	0.0000401	0.00413	0.000439	0.0015
2099 Apr	293	0.0577	0.0117	0.000839	12.9	0.108	174	0.00083	0.00083	0.00000516	0.00859	0.00362	0.153	0.0354	0.00000705	56	0.0000404	0.00416	0.000445	0.00151
2099 May	262	0.06	0.0136	0.000842	14.4	0.0938	148	0.000835	0.000835	0.00000503	0.00812	0.00334	0.13	0.0368	0.00000663	52.9	0.000037	0.00359	0.000486	0.00147
2099 Jun	248	0.0582	0.0138	0.000834	14.3	0.0879	138	0.000827	0.000827	0.00000493	0.00789	0.0032	0.121	0.0362	0.00000642	50.7	0.0000356	0.00336	0.000484	0.00142
2099 Jul	264	0.0594	0.0142	0.000869	14.7	0.094	149	0.000862	0.000862	0.00000516	0.00828	0.00339	0.131	0.0377	0.00000677	53.6	0.0000377	0.00361	0.000501	0.00149
2099 Aug	283	0.0609	0.0145	0.000899	15.1	0.101	161	0.000891	0.000891	0.00000538	0.00864	0.0036	0.141	0.0393	0.00000713	56.8	0.0000398	0.00389	0.000518	0.00157
2099 Sep	287	0.0598	0.0137	0.000876	14.5	0.103	165	0.000869	0.000869	0.00000529	0.00856	0.00362	0.145	0.0383	0.00000709	56.8	0.0000398	0.00398	0.0005	0.00155
2099 Oct	288	0.0599	0.013	0.000853	14	0.105	168	0.000845	0.000845	0.00000519	0.0085	0.00361	0.147	0.0373	0.00000702	56.5	0.0000397	0.00403	0.000482	0.00153
2099 Nov	288	0.06	0.0125	0.00084	13.7	0.105	168	0.000832	0.000832	0.00000513	0.00846	0.00359	0.148	0.0367	0.00000697	56.1	0.0000395	0.00404	0.00047	0.00152
2099 Dec	289	0.06	0.0125	0.00084	13.7	0.105	169	0.000832	0.000832	0.00000514	0.00846	0.0036	0.148	0.0367	0.00000697	56.2	0.0000395	0.00405	0.00047	0.00152
2100 Jan	289	0.06	0.0125	0.000839	13.7	0.106	169	0.000832	0.000832	0.00000514	0.00847	0.0036	0.148	0.0367	0.00000698	56.3	0.0000396	0.00406	0.000471	0.00152
2100 Feb	290	0.06	0.0125	0.000839	13.7	0.106	169	0.000831	0.000831	0.00000514	0.00847	0.00361	0.149	0.0367	0.00000698	56.3	0.0000396	0.00407	0.000471	0.00152
2100 Mar	290	0.06	0.0125	0.000839	13.7	0.106	169	0.000832	0.000832	0.00000514	0.00847	0.00361	0.149	0.0368	0.00000699	56.4	0.0000396	0.00407	0.000471	0.00152
2100 Apr	292	0.0604	0.0126	0.000844	13.8	0.106	171	0.000837	0.000837	0.00000517	0.00852	0.00363	0.15	0.037	0.00000703	56.7	0.0000399	0.00409	0.000474	0.00153
2100 May	290	0.0605	0.0133	0.000849	14.2	0.104	168	0.000842	0.000842	0.00000518	0.00849	0.00363	0.147	0.0379	0.00000701	56.9	0.0000398	0.00405	0.000493	0.00154
2100 Jun	243	0.0559	0.0135	0.000824	14	0.0861	135	0.000818	0.000818	0.00000486	0.00777	0.00314	0.119	0.0355	0.00000633	49.7	0.0000351	0.00329	0.000474	0.00139
2100 Jul	254	0.0548	0.0134	0.000831	13.8	0.09	143	0.000825	0.000825	0.00000495	0.00794	0.00325	0.126	0.0358	0.0000065	51.2	0.0000364	0.00347	0.000475	0.00142
2100 Aug	259	0.0535	0.013	0.000827	13.5	0.0926	147	0.000821	0.000821	0.00000495	0.00792	0.00329	0.129	0.0354	0.00000655	51.6	0.0000365	0.00356	0.000465	0.00142
2100 Sep	268	0.0529	0.0126	0.00082	13.3	0.0967	155	0.000814	0.000814	0.00000496	0.00798	0.00338	0.136	0.0354	0.00000665	52.9	0.0000372	0.00374	0.00046	0.00144
2100 Oct	277	0.0529	0.0125	0.000815	13.2	0.1	161	0.000808	0.000808	0.00000497	0.00805	0.00346	0.142	0.0356	0.00000673	54.1	0.0000381	0.00389	0.000461	0.00146
2100 Nov	279	0.053	0.0124	0.000814	13.2	0.101	163	0.000808	0.000808	0.00000498	0.00807	0.00348	0.143	0.0357	0.00000675	54.3	0.0000383	0.00391	0.000461	0.00146
2100 Dec	280	0.053	0.0124	0.000814	13.2	0.101	163	0.000808	0.000808	0.00000498	0.00808	0.00349	0.143	0.0357	0.00000677	54.5	0.0000384	0.00393	0.000462	0.00146
2101 Jan	281	0.053	0.0124	0.000813	13.1	0.101	164	0.000807	0.000807	0.00000498	0.00809	0.0035	0.144	0.0358	0.00000678	54.7	0.0000385	0.00395	0.000462	0.00147
2101 Feb	282	0.0529	0.0124	0.000813	13.1	0.102	165	0.000806	0.000806	0.00000498	0.0081	0.00351	0.145	0.0358	0.00000678	54.8	0.0000386	0.00397	0.000462	0.00147
2101 Mar	282	0.053	0.0124	0.000813	13.1	0.102	165	0.000806	0.000806	0.00000499	0.0081	0.00351	0.145	0.0358	0.00000679	54.8	0.0000386	0.00397	0.000463	0.00147
2101 Apr	283	0.0531	0.0125	0.000816	13.2	0.102	166	0.000809	0.000809	0.000005	0.00813	0.00352	0.145	0.0359	0.00000681	55	0.0000388	0.00398	0.000464	0.00147
2101 May	271	0.0546	0.0133	0.000833	13.8	0.0967	155	0.000827	0.000827	0.00000503	0.00806	0.00342	0.136	0.0366	0.00000671	53.8	0.0000377	0.00375	0.000481	0.00147
2101 Jun	243	0.0529	0.0137	0.000826	13.9	0.0855	135	0.000821	0.000821	0.00000488	0.0077	0.00314	0.119	0.0355	0.00000634	49.7	0.000035	0.00329	0.000475	0.00139
2101 Jul	258	0.0547	0.0142	0.000866	14.4	0.0912	145	0.00086	0.00086	0.00000513	0.00812	0.00332	0.127	0.0372	0.0000067	52.5	0.0000372	0.00352	0.000497	0.00146
2101 Aug	277	0.0566	0.0147	0.000901	15	0.098	156	0.000895	0.000895	0.00000537	0.00853	0.00354	0.138	0.039	0.00000707	55.9	0.0000395	0.0038	0.000519	0.00154

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	286	0.0563	0.0141	0.000886	14.6	0.102	164	0.00088	0.00088	0.00000534	0.00855	0.00362	0.144	0.0386	0.00000713	56.8	0.0000401	0.00396	0.000508	0.00155
2101 Oct	295	0.0562	0.0137	0.000871	14.3	0.106	171	0.000865	0.000865	0.00000531	0.00859	0.0037	0.15	0.0385	0.00000718	58	0.0000409	0.00413	0.000503	0.00156
2101 Nov	296	0.0563	0.0131	0.000854	13.9	0.106	173	0.000847	0.000847	0.00000524	0.00854	0.00368	0.151	0.0377	0.00000712	57.6	0.0000407	0.00415	0.000489	0.00154
2101 Dec	295	0.0566	0.013	0.000853	13.8	0.106	172	0.000847	0.000847	0.00000523	0.00853	0.00367	0.151	0.0376	0.00000711	57.4	0.0000406	0.00414	0.000486	0.00154
2102 Jan	295	0.0566	0.013	0.000852	13.8	0.106	173	0.000846	0.000846	0.00000523	0.00854	0.00368	0.151	0.0376	0.00000711	57.5	0.0000406	0.00415	0.000487	0.00154
2102 Feb	295	0.0566	0.013	0.000852	13.8	0.106	173	0.000846	0.000846	0.00000523	0.00854	0.00368	0.151	0.0376	0.00000711	57.5	0.0000406	0.00415	0.000487	0.00154
2102 Mar	296	0.0566	0.013	0.000853	13.8	0.106	173	0.000846	0.000846	0.00000523	0.00854	0.00368	0.151	0.0376	0.00000712	57.5	0.0000407	0.00415	0.000487	0.00154
2102 Apr	296	0.0568	0.0131	0.000855	13.9	0.107	173	0.000849	0.000849	0.00000524	0.00856	0.00369	0.152	0.0377	0.00000713	57.7	0.0000408	0.00416	0.000489	0.00155
2102 May	300	0.0576	0.0133	0.000866	14.1	0.108	176	0.00086	0.00086	0.00000531	0.00868	0.00374	0.154	0.0383	0.00000723	58.5	0.0000413	0.00422	0.000495	0.00157
2102 Jun	253	0.0459	0.0115	0.000846	11.8	0.0922	147	0.00084	0.00084	0.00000505	0.00818	0.00319	0.13	0.0322	0.00000665	49.1	0.0000375	0.00354	0.000408	0.00135
2102 Jul	234	0.0412	0.0108	0.000855	11	0.086	134	0.000851	0.000851	0.00000503	0.00809	0.00298	0.12	0.0299	0.00000649	45.4	0.0000361	0.00325	0.000373	0.00128
2102 Aug	243	0.0421	0.011	0.000877	11.3	0.0898	140	0.000872	0.000872	0.00000517	0.0083	0.00309	0.125	0.0307	0.0000067	47	0.0000371	0.00339	0.00038	0.00132
2102 Sep	245	0.0428	0.0108	0.00088	11.3	0.0912	142	0.000875	0.000875	0.00000519	0.00834	0.00311	0.127	0.0307	0.00000674	47.3	0.0000372	0.00343	0.000378	0.00133
2102 Oct	239	0.0447	0.0101	0.000853	10.9	0.0899	139	0.000848	0.000848	0.00000504	0.00817	0.00302	0.124	0.0295	0.00000656	45.9	0.0000361	0.00335	0.000359	0.00129
2102 Nov	241	0.0451	0.0101	0.00085	10.9	0.0906	140	0.000846	0.000846	0.00000504	0.00819	0.00304	0.125	0.0295	0.00000657	46.1	0.0000362	0.00338	0.000358	0.0013
2102 Dec	242	0.0451	0.01	0.00085	10.9	0.0911	141	0.000845	0.000845	0.00000504	0.0082	0.00305	0.126	0.0296	0.00000658	46.3	0.0000363	0.0034	0.000359	0.0013
2103 Jan	242	0.0451	0.01	0.00085	10.9	0.0911	141	0.000845	0.000845	0.00000504	0.0082	0.00305	0.126	0.0296	0.00000658	46.3	0.0000363	0.0034	0.000359	0.0013
2103 Feb	242	0.0451	0.0101	0.00085	10.9	0.0911	141	0.000845	0.000845	0.00000504	0.0082	0.00305	0.126	0.0296	0.00000658	46.3	0.0000363	0.0034	0.000359	0.0013
2103 Mar	242	0.0452	0.0101	0.000851	10.9	0.0912	141	0.000846	0.000846	0.00000505	0.00821	0.00306	0.126	0.0296	0.00000659	46.4	0.0000364	0.0034	0.000359	0.0013
2103 Apr	243	0.0453	0.0101	0.000854	11	0.0916	142	0.000849	0.000849	0.00000507	0.00824	0.00307	0.126	0.0298	0.00000661	46.5	0.0000365	0.00342	0.000361	0.00131
2103 May	251	0.0464	0.0108	0.000856	11.5	0.0931	146	0.000851	0.000851	0.0000051	0.00828	0.00316	0.129	0.0313	0.00000669	48.3	0.0000373	0.00352	0.000387	0.00135
2103 Jun	231	0.0454	0.0118	0.000827	12	0.0832	130	0.000823	0.000823	0.00000487	0.00778	0.00296	0.116	0.0316	0.00000628	46	0.000035	0.00317	0.000408	0.00129
2103 Jul	237	0.0447	0.0118	0.000848	12	0.086	135	0.000843	0.000843	0.00000499	0.00796	0.00304	0.12	0.0319	0.00000646	46.9	0.0000358	0.00327	0.000409	0.00132
2103 Aug	238	0.0423	0.0113	0.000854	11.7	0.0879	136	0.000849	0.000849	0.00000503	0.00788	0.00305	0.121	0.0313	0.00000651	46.6	0.0000352	0.00329	0.000394	0.00132
2103 Sep	240	0.044	0.0106	0.000834	11.4	0.0898	139	0.00083	0.00083	0.00000495	0.00785	0.00306	0.123	0.0306	0.00000647	46.6	0.000035	0.00335	0.00038	0.00132
2103 Oct	233	0.0471	0.00974	0.000809	11	0.0887	136	0.000804	0.000804	0.00000481	0.00774	0.00296	0.12	0.0292	0.00000628	45	0.0000339	0.00326	0.000355	0.00128
2103 Nov	233	0.0478	0.00952	0.000803	10.9	0.0888	136	0.000798	0.000798	0.00000477	0.00773	0.00295	0.12	0.0289	0.00000625	44.8	0.0000337	0.00326	0.00035	0.00128
2103 Dec	234	0.0478	0.00951	0.000802	10.9	0.0892	136	0.000798	0.000798	0.00000478	0.00774	0.00296	0.121	0.029	0.00000626	45	0.0000339	0.00328	0.00035	0.00128
2104 Jan	234	0.0478	0.00951	0.000802	10.9	0.0893	137	0.000798	0.000798	0.00000478	0.00774	0.00296	0.121	0.029	0.00000627	45	0.0000339	0.00328	0.000351	0.00128
2104 Feb	234	0.0478	0.00952	0.000802	10.9	0.0893	137	0.000798	0.000798	0.00000478	0.00774	0.00296	0.121	0.029	0.00000627	45	0.0000339	0.00328	0.000351	0.00128
2104 Mar	234	0.0479	0.00953	0.000803	10.9	0.0893	137	0.000798	0.000798	0.00000478	0.00774	0.00296	0.121	0.029	0.00000627	45.1	0.0000339	0.00328	0.000351	0.00128
2104 Apr	236	0.0482	0.00959	0.000807	10.9	0.0899	137	0.000803	0.000803	0.00000481	0.00779	0.00298	0.122	0.0292	0.00000631	45.3	0.0000341	0.0033	0.000353	0.00129
2104 May	231	0.0499	0.0107	0.000822	11.8	0.0866	132	0.000818	0.000818	0.00000485	0.00777	0.00296	0.117	0.0307	0.00000629	45.6	0.0000338	0.00319	0.000384	0.00131
2104 Jun	208	0.0487	0.0116	0.000807	12.2	0.076	114	0.000804	0.000804	0.00000467	0.00735	0.00273	0.101	0.0306	0.0000059	42.5	0.0000314	0.00278	0.000396	0.00124
2104 Jul	216	0.049	0.0117	0.000833	12.4	0.0794	119	0.00083	0.00083	0.00000483	0.00759	0.00283	0.106	0.0313	0.00000612	43.9	0.0000326	0.00291	0.000403	0.00128
2104 Aug	225	0.0492	0.0118	0.000848	12.5	0.0832	126	0.000844	0.000844	0.00000494	0.00775	0.00293	0.112	0.0318	0.0000063	45.4	0.0000334	0.00306	0.000407	0.00132
2104 Sep	228	0.049	0.0112	0.000834	12.2	0.0851	129	0.00083	0.00083	0.00000489	0.0077	0.00295	0.114	0.0313	0.00000629	45.5	0.0000333	0.00312	0.000395	0.00131
2104 Oct	228	0.0506	0.0106	0.000816	11.8	0.086	130	0.000812	0.000812	0.00000481	0.00767	0.00293	0.115	0.0304	0.00000622	45.1	0.0000331	0.00314	0.000379	0.00129
2104 Nov	228	0.0513	0.0104	0.000814	11.8	0.0862	130	0.00081	0.00081	0.0000048	0.00768	0.00292	0.115	0.0302	0.00000621	44.9	0.000033	0.00314	0.000375	0.00129
2104 Dec	229	0.0513	0.0104	0.000813	11.8	0.0866	131	0.000809	0.000809	0.0000048	0.00769	0.00293	0.116	0.0303	0.00000622	45.1	0.0000331	0.00316	0.000376	0.00129
2105 Jan	230	0.0513	0.0104	0.000813	11.8	0.0868	131	0.000809	0.000809	0.0000048	0.0077	0.00294	0.116	0.0303	0.00000623	45.2	0.0000332	0.00317	0.000376	0.0013
2105 Feb	230	0.0513	0.0104	0.000813	11.8	0.0868	131	0.000809	0.000809	0.0000048	0.0077	0.00294	0.117	0.0303	0.00000623	45.2	0.0000332	0.00317	0.000376	0.0013
2105 Mar	230	0.0513	0.0104	0.000813	11.8	0.0869	131	0.000809	0.000809	0.0000048	0.0077	0.00294	0.117	0.0303	0.00000623	45.2	0.0000332	0.00317	0.000376	0.0013
2105 Apr	231	0.0515	0.0105	0.000816	11.8	0.0871	132	0.000812	0.000812	0.00000482	0.00772	0.00295	0.117	0.0304	0.00000625	45.4	0.0000333	0.00318	0.000377	0.0013
2105 May	229	0.0524	0.0113	0.000825	12.4	0.0854	129	0.000821	0.000821	0.00000485	0.00772	0.00296	0.115	0.0315	0.00000625	45.8	0.0000333	0.00313	0.0004	0.00132
2105 Jun	220	0.0527	0.0121	0.000833	13	0.0806	121	0.000829	0.000829	0.00000484	0.00762	0.00288	0.107	0.0322	0.00000615	45	0.0000326	0.00295	0.000418	0.00131
2105 Jul	230	0.0531	0.0123	0.000857	13.1	0.0848	128	0.000853	0.000853	0.000005	0.00787	0.003	0.113	0.0331	0.00000639	46.8	0.0000339	0.00312	0.000427	0.00135
2105 Aug	237	0.0506	0.0116	0.000842	12.6	0.0882	134	0.000838	0.000838	0.00000496	0.00778	0.00306	0.119	0.0325	0.00000642	47.3	0.0000339	0.00325	0.000413	0.00135
2105 Sep	247	0.0503	0.0107	0.000814	12	0.0928	143	0.00081	0.00081	0.00000487	0.00774	0.00313	0.126	0.0317	0.00000643	48.2	0.0000344	0.00344	0.000395	0.00135
2105 Oct	253	0.0509	0.0101	0.000788	11.6	0.0955	149	0.000783	0.000783	0.00000478	0.00773	0.00316	0.131	0.0311	0.0000064	48.6	0.0000347	0.00356	0.000382	0.00134
2105 Nov	252	0.0516	0.0098	0.000781	11.4	0.0954	148	0.000776	0.000776	0.00000474	0.00771	0.00314	0.131	0.0307	0.00000636	48.2	0.0000345	0.00355	0.000375	0.00134
2105 Dec	252	0.0516	0.00979	0.000781	11.4	0.0957	149	0.000776	0.000776	0.00000474	0.00771	0.00315	0.131	0.0307	0.00000637	48.3	0.0000346	0.00356	0.000375	0.00134
2106 Jan	252	0.0516	0.00979	0.000781	11.4	0.0957	149	0.000776	0.000776	0.00000474	0.00771	0.00315	0.131	0.0307	0.00000637	48.4	0.0000346	0.00356	0.000375	0.00134
2106 Feb	253	0.0516	0.0098	0.000781	11.4	0.0957	149	0.000776	0.000776	0.00000474	0.00771	0.00315	0.131	0.0307	0.00000637	48.4	0.0000346	0.00356	0.000375	0.00134
2106 Mar	253	0.0516	0.0098	0.000781	11.4	0.0957	149	0.000777	0.000777	0.00000474	0.00772	0.00315	0.131	0.0307	0.00000637	48.4	0.0000346	0.00356	0.000375	0.00134
2106 Apr	254	0.0519	0.00985	0.000784	11.5	0.0962	149	0.00078	0.00078	0.00000476	0.00775	0.00317	0.132	0.0308	0.0000064	48.6	0.0000348	0.00358	0.000377	0.00134
2106 May	257	0.0527	0.0103	0.000796	11.8	0.0969	151	0.000792	0.000792	0.00000483	0.00784	0.00322	0.133	0.0317	0.00000648	49.5	0.0000353	0.00362	0.00039	0.00137
2106 Jun	222	0.0482	0.0109	0.000792	11.8	0.0822	126	0.000788	0.000788	0.00000466	0.00742	0.00286	0.111	0.0303	0.00000603	44.3	0.0000325	0.00305	0.000386	0.00126
2106 Jul	229	0.0471	0.0109	0.00082	11.7	0.085	130	0.000816	0.000816	0.00000483	0.00767	0.00294	0.116	0.0306	0.00000624	45.2	0.0000336	0.00315	0.000386	0.00129
2106 Aug	235	0.0451	0.0104	0.000818	11.4	0.0886	136	0.000814	0.000814	0.00000485	0.00764	0.003	0.12	0.0303	0.00000633	45.9	0.0000337	0.00327	0.000376	0.0013
2106 Sep	244	0.0447	0.00974	0.000797	11	0.0926	143	0.000792	0.000792	0.00000479	0.00759	0.00307	0.127	0.0297	0.00000635	46.7	0.0000339	0.00343	0.000362	0.0013
2106 Oct	254	0.0454	0.00945	0.000785	10.8	0.0964	151	0.00078	0.00078	0.00000478	0.00767	0.00316	0.133	0.0299	0.00000643	48	0.0000349	0.00361	0.00036	0.00132
2106 Nov	256	0.0455	0.00945	0.000786	10.8	0.0972	152	0.000781	0.000781	0.00000479	0.0077	0.00318	0.135	0.03	0.00000646	48.4	0.0000351	0.00364	0.000362	0.00132
2106 Dec	257	0.0455	0.00945	0.000785	10.8	0.0975	153	0.000781	0.000781	0.00000479	0.00771	0.00319	0.135	0.03	0.00000647	48.5	0.0000352	0.00366	0.000362	0.00133
2107 Jan	257	0.0455	0.00945	0.000785	10.8	0.0975	153	0.000781	0.000781	0.00000479	0.00771	0.00319	0.135	0.03	0.00000647	48.5	0.0000352	0.00366	0.000362	0.00133
2107 Feb	257	0.0455	0.00945	0.000786	10.8	0.0975	153	0.000781	0.000781	0.00000479	0.00771	0.00319	0.135	0.03	0.00000647	48.5	0.0000352	0.00366	0.000362	0.00133
2107 Mar	257	0.0455	0.00946	0.000786	10.8	0.0976	153	0.000782	0.000782	0.0000048	0.00772	0.00319	0.135	0.0301	0.00000647	48.6	0.0000352	0.00366	0.000363	0.00133
2107 Apr	258	0.0456	0.00948	0.000788	10.8	0.0978	154	0.000783	0.000783	0.00000481	0.00774	0.0032	0.136	0.0301	0.00000649	48.7	0.0000353	0.00367	0.000364	0.00133
2107 May	251	0.0467	0.0101	0.000798	11.3	0.0946	148	0.000793	0.000793	0.00000482	0.0077	0.00315	0.13	0.0307	0.00000643	48.1	0.0000348	0.00354	0.000377	0.00133
2107 Jun	225	0.0479	0.0114	0.000813	12.2	0.0833	127	0.00081	0.00081	0.00000478	0.00747	0.00292	0.112	0.0313	0.00000615	45.2	0.0000326	0.00308	0.000401	0.00129
2107 Jul	233	0.0471	0.0114	0.000828	12.2	0.0865	132	0.000824	0.000824	0.00000488	0.00761	0.003	0.117	0.0316	0.00000632	46.3	0.0000334	0.0032	0.000402	0.00132
2107 Aug	246	0.0477	0.0115	0.00085	12.4	0.0916	141	0.000846	0.000846	0.00000504	0.00786	0.00315	0.125	0.0327	0.00000658	48.5	0.0000349	0.0034	0.000412	0.00137
2107 Sep	258	0.0485	0.0113	0.000846	12.3	0.0962	150	0.000842	0.000842	0.00000507	0.008	0.00327	0.132	0.033	0.00000671	50.2	0.000036	0.0036	0.000413	0.0014
2107 Oct	265	0.049	0.0109	0.000831	12	0.0991	156	0.000826	0.000826	0.00000503	0.00803	0.00332	0.137	0.0328	0.00000673	51	0.0000366	0.00373	0.000407	0.00141
2107 Nov	265	0.0494	0.0108	0.000828	12	0.0994	156	0.000823	0.000823	0.00000502	0.00803	0.00333	0.138	0.0327	0.00000672	51	0.0000366	0.00374	0.000405	0.0014
2107 Dec	267	0.0493	0.0107	0.000826	12	0.1	157	0.000822	0.000822	0.00000502	0.00804	0.00334	0.139	0.0327	0.00000674	51.3	0.0000368	0.00377	0.000405	0.00141
2108 Jan	268	0.0493	0.0107	0.000826	11.9	0.1	158	0.000821	0.000821	0.00000502	0.00805	0.00335	0.139	0.0327	0.00000674	51.3	0.0000369	0.00378	0.000406	0.00141

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	268	0.0493	0.0107	0.000826	11.9	0.1	158	0.000821	0.000821	0.00000502	0.00805	0.00335	0.139	0.0328	0.00000674	51.4	0.0000369	0.00378	0.000406	0.00141
2108 Mar	268	0.0494	0.0108	0.000827	12	0.1	158	0.000822	0.000822	0.00000502	0.00806	0.00335	0.139	0.0328	0.00000675	51.4	0.0000369	0.00379	0.000406	0.00141
2108 Apr	270	0.0498	0.0109	0.000834	12.1	0.101	159	0.000829	0.000829	0.00000507	0.00812	0.00338	0.14	0.0331	0.00000681	51.8	0.0000372	0.00382	0.00041	0.00142
2108 May	275	0.0508	0.0111	0.000849	12.3	0.103	162	0.000844	0.000844	0.00000516	0.00827	0.00344	0.143	0.0337	0.00000693	52.8	0.0000379	0.00389	0.000418	0.00145
2108 Jun	241	0.0461	0.0109	0.000858	11.7	0.0902	138	0.000854	0.000854	0.00000507	0.00802	0.00308	0.123	0.0312	0.00000657	47	0.0000353	0.00334	0.000387	0.00133
2108 Jul	251	0.0467	0.0112	0.000897	12	0.0943	145	0.000892	0.000892	0.0000053	0.0084	0.00321	0.129	0.0322	0.00000688	48.9	0.0000371	0.0035	0.000397	0.00139
2108 Aug	270	0.0486	0.0116	0.000936	12.5	0.101	157	0.000932	0.000932	0.00000556	0.00884	0.00342	0.139	0.0339	0.00000727	52.1	0.0000394	0.00377	0.000417	0.00147
2108 Sep	281	0.0489	0.0115	0.000933	12.4	0.105	165	0.000928	0.000928	0.00000559	0.00894	0.00353	0.146	0.0343	0.00000739	53.7	0.0000404	0.00396	0.00042	0.00149
2108 Oct	269	0.0508	0.0105	0.000893	11.9	0.102	158	0.000888	0.000888	0.00000536	0.00867	0.00337	0.14	0.0324	0.00000708	51.2	0.0000386	0.00379	0.000391	0.00143
2108 Nov	267	0.0515	0.0104	0.000889	11.8	0.102	157	0.000885	0.000885	0.00000533	0.00866	0.00336	0.139	0.0322	0.00000705	50.9	0.0000384	0.00377	0.000387	0.00143
2108 Dec	269	0.0515	0.0104	0.000888	11.8	0.102	158	0.000884	0.000884	0.00000533	0.00867	0.00337	0.14	0.0322	0.00000706	51.1	0.0000385	0.0038	0.000387	0.00143
2109 Jan	269	0.0515	0.0104	0.000888	11.8	0.102	158	0.000884	0.000884	0.00000534	0.00867	0.00337	0.14	0.0322	0.00000707	51.1	0.0000385	0.0038	0.000387	0.00143
2109 Feb	269	0.0515	0.0104	0.000889	11.8	0.102	158	0.000884	0.000884	0.00000534	0.00867	0.00337	0.14	0.0322	0.00000707	51.1	0.0000385	0.0038	0.000387	0.00143
2109 Mar	269	0.0516	0.0104	0.00089	11.8	0.102	159	0.000885	0.000885	0.00000534	0.00868	0.00337	0.141	0.0323	0.00000707	51.2	0.0000386	0.0038	0.000388	0.00143
2109 Apr	271	0.0519	0.0104	0.000895	11.9	0.103	159	0.00089	0.00089	0.00000537	0.00873	0.00339	0.141	0.0324	0.00000711	51.5	0.0000388	0.00382	0.00039	0.00144
2109 May	261	0.0532	0.0113	0.000904	12.5	0.0986	151	0.0009	0.0009	0.00000537	0.00864	0.00332	0.134	0.0332	0.00000702	50.7	0.000038	0.00364	0.000409	0.00144
2109 Jun	242	0.0544	0.0125	0.000917	13.5	0.0897	135	0.000913	0.000913	0.00000534	0.00844	0.00315	0.12	0.0341	0.0000068	48.8	0.0000362	0.00329	0.000435	0.00141
2109 Jul	255	0.0533	0.0124	0.000928	13.4	0.0949	145	0.000923	0.000923	0.00000545	0.00861	0.00329	0.128	0.0346	0.00000702	50.7	0.0000375	0.0035	0.000438	0.00145
2109 Aug	269	0.0524	0.0123	0.000943	13.3	0.101	155	0.000938	0.000938	0.00000558	0.00879	0.00345	0.137	0.0353	0.00000727	52.8	0.0000388	0.00373	0.000442	0.0015
2109 Sep	280	0.0525	0.0118	0.00092	12.9	0.105	164	0.000915	0.000915	0.00000552	0.0088	0.00354	0.145	0.0351	0.0000073	54.1	0.0000396	0.00393	0.000435	0.00151
2109 Oct	276	0.0541	0.0107	0.000875	12.2	0.105	163	0.00087	0.00087	0.0000053	0.00861	0.00346	0.144	0.0333	0.00000708	52.7	0.0000387	0.0039	0.000405	0.00147
2109 Nov	279	0.0544	0.0106	0.000873	12.2	0.106	165	0.000868	0.000868	0.0000053	0.00864	0.00348	0.146	0.0334	0.0000071	53	0.0000389	0.00395	0.000405	0.00147
2109 Dec	280	0.0544	0.0106	0.000872	12.2	0.106	166	0.000867	0.000867	0.0000053	0.00865	0.0035	0.147	0.0334	0.00000711	53.3	0.0000391	0.00397	0.000406	0.00148
2110 Jan	281	0.0544	0.0106	0.000872	12.2	0.106	166	0.000867	0.000867	0.0000053	0.00865	0.0035	0.147	0.0334	0.00000712	53.3	0.0000391	0.00398	0.000406	0.00148
2110 Feb	281	0.0544	0.0106	0.000873	12.2	0.106	166	0.000868	0.000868	0.0000053	0.00865	0.0035	0.147	0.0335	0.00000712	53.3	0.0000391	0.00398	0.000406	0.00148
2110 Mar	281	0.0544	0.0106	0.000873	12.2	0.107	166	0.000868	0.000868	0.00000531	0.00866	0.0035	0.147	0.0335	0.00000712	53.4	0.0000391	0.00398	0.000406	0.00148
2110 Apr	282	0.0546	0.0106	0.000876	12.2	0.107	167	0.000871	0.000871	0.00000532	0.00869	0.00351	0.147	0.0336	0.00000715	53.6	0.0000393	0.00399	0.000408	0.00148
2110 May	288	0.055	0.0109	0.00088	12.4	0.108	170	0.000874	0.000874	0.00000536	0.00876	0.00358	0.15	0.0343	0.00000722	54.6	0.0000399	0.00408	0.000419	0.00151
2110 Jun	262	0.051	0.0119	0.000839	12.6	0.0959	152	0.000834	0.000834	0.00000505	0.00814	0.00331	0.134	0.034	0.0000067	51.3	0.0000374	0.00366	0.000434	0.00142
2110 Jul	269	0.0506	0.0119	0.000861	12.7	0.0986	156	0.000856	0.000856	0.00000518	0.00835	0.00339	0.138	0.0344	0.00000689	52.3	0.0000384	0.00376	0.000437	0.00145
2110 Aug	254	0.0447	0.0105	0.000832	11.6	0.0961	149	0.000828	0.000828	0.000005	0.00781	0.00322	0.132	0.0316	0.00000663	49	0.0000352	0.00358	0.000389	0.00137
2110 Sep	252	0.0464	0.00934	0.000793	10.9	0.0966	149	0.000788	0.000788	0.00000481	0.00765	0.00315	0.132	0.0299	0.00000644	47.8	0.0000343	0.00357	0.000358	0.00133
2110 Oct	245	0.0498	0.00846	0.000768	10.5	0.0954	146	0.000763	0.000763	0.00000466	0.00758	0.00305	0.129	0.0284	0.00000626	46.2	0.0000333	0.00348	0.000333	0.00129
2110 Nov	246	0.0502	0.00826	0.000759	10.3	0.0958	147	0.000755	0.000755	0.00000463	0.00757	0.00305	0.13	0.0282	0.00000623	46.1	0.0000334	0.0035	0.000329	0.00129
2110 Dec	247	0.0502	0.00825	0.000759	10.3	0.0964	148	0.000754	0.000754	0.00000463	0.00758	0.00306	0.131	0.0282	0.00000625	46.4	0.0000335	0.00353	0.000329	0.00129
2111 Jan	248	0.0502	0.00825	0.000758	10.3	0.0966	148	0.000754	0.000754	0.00000463	0.00759	0.00307	0.131	0.0283	0.00000625	46.5	0.0000336	0.00354	0.00033	0.00129
2111 Feb	248	0.0502	0.00825	0.000758	10.3	0.0966	149	0.000754	0.000754	0.00000463	0.00759	0.00307	0.131	0.0283	0.00000626	46.5	0.0000336	0.00354	0.00033	0.00129
2111 Mar	248	0.0503	0.00827	0.000759	10.4	0.0968	149	0.000755	0.000755	0.00000464	0.0076	0.00308	0.131	0.0283	0.00000627	46.6	0.0000336	0.00354	0.000331	0.0013
2111 Apr	250	0.0506	0.00832	0.000764	10.4	0.0974	150	0.00076	0.00076	0.00000467	0.00765	0.0031	0.132	0.0285	0.00000631	46.8	0.0000338	0.00356	0.000333	0.0013
2111 May	246	0.0519	0.00901	0.000782	11	0.0953	146	0.000777	0.000777	0.00000473	0.00769	0.00308	0.129	0.0294	0.00000632	46.8	0.0000337	0.00348	0.00035	0.00132
2111 Jun	215	0.0519	0.0109	0.000799	12.2	0.0808	120	0.000795	0.000795	0.00000467	0.00737	0.0028	0.107	0.0304	0.00000597	43.4	0.0000312	0.00292	0.000385	0.00127
2111 Jul	232	0.0535	0.0113	0.000837	12.6	0.087	131	0.000833	0.000833	0.00000492	0.00778	0.003	0.116	0.0319	0.00000633	46.3	0.0000334	0.00316	0.000403	0.00134
2111 Aug	237	0.0507	0.0107	0.000826	12.1	0.0901	136	0.000822	0.000822	0.00000489	0.00769	0.00304	0.121	0.0312	0.00000637	46.7	0.0000332	0.00328	0.000387	0.00133
2111 Sep	251	0.0497	0.0102	0.000812	11.7	0.0957	147	0.000808	0.000808	0.00000489	0.00773	0.00316	0.13	0.0312	0.00000649	48.4	0.0000342	0.00352	0.000381	0.00135
2111 Oct	254	0.0504	0.00951	0.000785	11.3	0.0971	150	0.000781	0.000781	0.00000477	0.00767	0.00317	0.133	0.0304	0.00000641	48.3	0.0000342	0.00359	0.000367	0.00134
2111 Nov	252	0.0515	0.00906	0.000771	11	0.0972	150	0.000766	0.000766	0.0000047	0.00764	0.00314	0.132	0.0297	0.00000634	47.8	0.000034	0.00358	0.000355	0.00132
2111 Dec	254	0.0515	0.00904	0.00077	11	0.0978	151	0.000766	0.000766	0.0000047	0.00766	0.00315	0.133	0.0298	0.00000636	48.1	0.0000342	0.00361	0.000355	0.00133
2112 Jan	255	0.0514	0.00904	0.00077	11	0.098	152	0.000765	0.000765	0.0000047	0.00766	0.00316	0.134	0.0298	0.00000636	48.2	0.0000342	0.00362	0.000356	0.00133
2112 Feb	255	0.0514	0.00904	0.000769	11	0.0982	152	0.000765	0.000765	0.00000471	0.00766	0.00316	0.134	0.0298	0.00000637	48.3	0.0000343	0.00363	0.000356	0.00133
2112 Mar	256	0.0515	0.00906	0.000771	11	0.0984	152	0.000766	0.000766	0.00000471	0.00768	0.00317	0.135	0.0299	0.00000638	48.4	0.0000344	0.00364	0.000357	0.00133
2112 Apr	257	0.0518	0.00911	0.000775	11.1	0.099	153	0.00077	0.00077	0.00000474	0.00772	0.00319	0.135	0.0301	0.00000642	48.7	0.0000346	0.00366	0.000359	0.00134
2112 May	256	0.0528	0.00994	0.000787	11.7	0.0973	151	0.000783	0.000783	0.00000479	0.00775	0.0032	0.133	0.0313	0.00000644	49.2	0.0000347	0.00361	0.000382	0.00136
2112 Jun	216	0.0489	0.0111	0.000767	12	0.0794	121	0.000764	0.000764	0.00000451	0.00712	0.00279	0.107	0.0305	0.00000583	43.6	0.0000311	0.00294	0.000393	0.00124
2112 Jul	227	0.0475	0.011	0.000783	11.8	0.0836	129	0.000779	0.000779	0.00000464	0.00736	0.00291	0.114	0.0308	0.00000604	45.2	0.0000327	0.00313	0.000393	0.00127
2112 Aug	248	0.048	0.0111	0.000798	12	0.0913	143	0.000794	0.000794	0.0000048	0.00766	0.00313	0.127	0.032	0.00000636	48.4	0.0000348	0.00346	0.000406	0.00134
2112 Sep	270	0.0472	0.0107	0.000781	11.6	0.0995	160	0.000776	0.000776	0.00000481	0.00779	0.00334	0.141	0.0325	0.00000656	51.5	0.0000368	0.00383	0.000407	0.00138
2112 Oct	284	0.0471	0.0103	0.000764	11.3	0.105	171	0.000759	0.000759	0.00000479	0.00787	0.00348	0.15	0.0327	0.00000667	53.4	0.0000382	0.00409	0.000406	0.00141
2112 Nov	290	0.0471	0.0102	0.00076	11.3	0.107	176	0.000755	0.000755	0.00000479	0.00792	0.00353	0.154	0.0329	0.00000672	54.3	0.0000388	0.00419	0.000408	0.00142
2112 Dec	291	0.0471	0.0102	0.00076	11.3	0.107	176	0.000754	0.000754	0.0000048	0.00793	0.00354	0.155	0.0329	0.00000673	54.4	0.0000389	0.0042	0.000408	0.00142
2113 Jan	292	0.0471	0.0102	0.000759	11.3	0.108	177	0.000754	0.000754	0.0000048	0.00793	0.00355	0.155	0.0329	0.00000674	54.6	0.0000389	0.00422	0.000409	0.00142
2113 Feb	292	0.0471	0.0102	0.000759	11.3	0.108	177	0.000754	0.000754	0.0000048	0.00794	0.00355	0.155	0.033	0.00000674	54.6	0.000039	0.00422	0.000409	0.00142
2113 Mar	293	0.0472	0.0102	0.000761	11.3	0.108	178	0.000756	0.000756	0.00000481	0.00796	0.00356	0.156	0.0331	0.00000676	54.8	0.0000391	0.00423	0.00041	0.00143
2113 Apr	295	0.0475	0.0103	0.000765	11.4	0.109	179	0.00076	0.00076	0.00000484	0.008	0.00358	0.157	0.0332	0.0000068	55.1	0.0000393	0.00426	0.000412	0.00144
2113 May	294	0.0485	0.0109	0.000778	11.8	0.107	177	0.000772	0.000772	0.00000489	0.00804	0.00359	0.155	0.0341	0.00000682	55.4	0.0000394	0.00422	0.000429	0.00145
2113 Jun	263	0.0487	0.012	0.000785	12.5	0.0945	153	0.000781	0.000781	0.00000479	0.00771	0.0033	0.134	0.034	0.00000645	51.4	0.0000365	0.00368	0.000442	0.00139
2113 Jul	275	0.0492	0.0122	0.000814	12.7	0.0992	161	0.000809	0.000809	0.00000497	0.008	0.00344	0.141	0.0351	0.00000673	53.5	0.0000381	0.00387	0.000453	0.00144
2113 Aug	292	0.0493	0.0122	0.000827	12.8	0.106	172	0.000822	0.000822	0.00000511	0.00823	0.00362	0.151	0.036	0.000007	56.1	0.0000398	0.00414	0.000462	0.0015
2113 Sep	299	0.0494	0.0117	0.000811	12.5	0.109	178	0.000806	0.000806	0.00000506	0.00824	0.00367	0.156	0.0356	0.00000702	56.8	0.0000402	0.00427	0.000451	0.0015
2113 Oct	285	0.0516	0.0103	0.000773	11.7	0.106	171	0.000768	0.000768	0.00000483	0.00802	0.00349	0.15	0.0331	0.00000671	53.7	0.0000383	0.00408	0.00041	0.00143
2113 Nov	284	0.0526	0.01	0.000768	11.5	0.106	171	0.000763	0.000763	0.00000481	0.00802	0.00347	0.15	0.0326	0.00000668	53.4	0.0000381	0.00407	0.000402	0.00142
2113 Dec	285	0.0526	0.01	0.000768	11.5	0.106	171	0.000763	0.000763	0.00000481	0.00803	0.00348	0.15	0.0327	0.00000669	53.5	0.0000382	0.00409	0.000402	0.00142
2114 Jan	285	0.0526	0.01	0.000768	11.5	0.106	172	0.000763	0.000763	0.00000481	0.00804	0.00348	0.151	0.0327	0.00000669	53.6	0.0000382	0.00409	0.000402	0.00143
2114 Feb	285	0.0526	0.01	0.000768	11.5	0.106	172	0.000763	0.000763	0.00000481	0.00804	0.00348	0.151	0.0327	0.00000669	53.6	0.0000382	0.00409	0.000402	0.00143
2114 Mar	286	0.0527	0.01	0.000769	11.6	0.106	172	0.000764	0.000764	0.00000482	0.00805	0.00349	0.151	0.0327	0.0000067	53.7	0.0000383	0.0041	0.000403	0.00143
2114 Apr	287	0.0529	0.0101	0.000772	11.6	0.107	173	0.000767	0.000767	0.00000484	0.00808	0.0035	0.151	0.0329	0.00000673	53.9	0.0000384	0.00411	0.000404	0.00143
2114 May	283	0.0533	0.0108	0.000777	12.1	0.104	169	0.000772	0.000772	0.00000484	0.00802	0.00348	0.148	0.0338	0.00000668	53.9	0.0000382	0.00403	0.000424	0.00144
2114 Jun	276	0.0539	0.012	0.000798	12.9	0.0997	161	0.000793	0.000793	0.0000049	0.00801	0.00343	0.141	0.0351	0.00000666	53.6	0.0000379	0.00387	0.000452	0.00145

Appendix D.2-9: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	297	0.0556	0.0125	0.000837	13.4	0.108	175	0.000832	0.000832	0.00000517	0.00848	0.00368	0.153	0.037	0.00000708	57.3	0.0000406	0.0042	0.000475	0.00154
2114 Aug	324	0.0576	0.0129	0.000872	13.9	0.117	193	0.000866	0.000866	0.00000545	0.00898	0.00398	0.169	0.0392	0.00000756	61.9	0.0000437	0.00461	0.000501	0.00164
2114 Sep	331	0.0568	0.0122	0.000847	13.3	0.121	200	0.000841	0.000841	0.00000536	0.00893	0.00403	0.175	0.0384	0.00000755	62.5	0.0000441	0.00476	0.000485	0.00163
2114 Oct	333	0.0568	0.0112	0.000813	12.7	0.122	203	0.000807	0.000807	0.00000521	0.00882	0.00402	0.177	0.0371	0.00000744	62	0.0000438	0.00482	0.000462	0.0016
2114 Nov	330	0.0572	0.0105	0.00079	12.2	0.122	202	0.000784	0.000784	0.0000051	0.00872	0.00396	0.176	0.036	0.00000731	61	0.0000433	0.0048	0.000443	0.00158
2114 Dec	331	0.0573	0.0105	0.000789	12.2	0.122	203	0.000783	0.000783	0.00000509	0.00872	0.00397	0.177	0.036	0.00000732	61.1	0.0000434	0.00481	0.000442	0.00158
2115 Jan	331	0.0572	0.0105	0.000789	12.2	0.122	203	0.000783	0.000783	0.0000051	0.00873	0.00398	0.177	0.036	0.00000733	61.2	0.0000434	0.00482	0.000443	0.00158
2115 Feb	332	0.0572	0.0105	0.000789	12.2	0.123	203	0.000782	0.000782	0.0000051	0.00873	0.00398	0.178	0.036	0.00000733	61.3	0.0000435	0.00483	0.000443	0.00158
2115 Mar	332	0.0573	0.0105	0.000789	12.2	0.123	204	0.000783	0.000783	0.0000051	0.00874	0.00399	0.178	0.0361	0.00000734	61.4	0.0000435	0.00484	0.000444	0.00158
2115 Apr	334	0.0576	0.0105	0.000793	12.2	0.123	205	0.000787	0.000787	0.00000513	0.00878	0.00401	0.179	0.0363	0.00000738	61.7	0.0000437	0.00486	0.000446	0.00159
2115 May	319	0.0581	0.0113	0.000804	12.8	0.117	192	0.000798	0.000798	0.00000511	0.00864	0.00387	0.168	0.0366	0.00000722	59.9	0.0000423	0.00458	0.000459	0.00157
2115 Jun	311	0.0599	0.0124	0.000836	13.6	0.113	185	0.000831	0.000831	0.00000522	0.00871	0.00383	0.162	0.0378	0.00000724	59.6	0.000042	0.00442	0.000483	0.00158
2115 Jul	325	0.0613	0.0127	0.000873	14	0.118	193	0.000867	0.000867	0.00000546	0.00906	0.00399	0.169	0.0392	0.00000757	62.1	0.0000437	0.00462	0.000499	0.00165
2115 Aug	320	0.0577	0.012	0.000854	13.4	0.118	192	0.000848	0.000848	0.00000535	0.00881	0.00393	0.168	0.0378	0.00000745	60.7	0.0000425	0.00458	0.000475	0.00161
2115 Sep	332	0.0565	0.0115	0.000841	13	0.123	201	0.000835	0.000835	0.00000534	0.00884	0.00403	0.176	0.0377	0.00000755	62.2	0.0000433	0.00478	0.000468	0.00162
2115 Oct	345	0.056	0.0112	0.000826	12.8	0.127	211	0.00082	0.00082	0.00000532	0.0089	0.00415	0.184	0.0379	0.00000764	63.9	0.0000445	0.00501	0.000468	0.00164
2115 Nov	345	0.056	0.0108	0.000811	12.5	0.128	212	0.000805	0.000805	0.00000526	0.00885	0.00413	0.185	0.0373	0.00000758	63.6	0.0000444	0.00502	0.000458	0.00163
2115 Dec	345	0.0562	0.0108	0.000811	12.5	0.128	212	0.000804	0.000804	0.00000525	0.00886	0.00413	0.185	0.0372	0.00000758	63.6	0.0000444	0.00502	0.000457	0.00163
2116 Jan	346	0.0561	0.0108	0.00081	12.5	0.128	212	0.000804	0.000804	0.00000525	0.00886	0.00414	0.185	0.0373	0.00000759	63.7	0.0000445	0.00504	0.000458	0.00163
2116 Feb	346	0.0562	0.0108	0.00081	12.5	0.128	213	0.000804	0.000804	0.00000526	0.00887	0.00415	0.186	0.0373	0.00000759	63.7	0.0000445	0.00504	0.000458	0.00163
2116 Mar	346	0.0562	0.0108	0.000811	12.5	0.128	213	0.000805	0.000805	0.00000526	0.00887	0.00415	0.186	0.0373	0.0000076	63.8	0.0000445	0.00505	0.000459	0.00164
2116 Apr	348	0.0565	0.0109	0.000815	12.5	0.129	214	0.000808	0.000808	0.00000529	0.00892	0.00417	0.187	0.0375	0.00000764	64.1	0.0000448	0.00507	0.000461	0.00164
2116 May	350	0.0565	0.0114	0.000816	12.9	0.129	215	0.00081	0.00081	0.0000053	0.00893	0.00421	0.187	0.0384	0.00000766	64.9	0.0000452	0.0051	0.000478	0.00166
2116 Jun	295	0.0522	0.0122	0.000792	12.9	0.106	175	0.000786	0.000786	0.00000494	0.00811	0.00363	0.153	0.0362	0.00000686	56.7	0.0000397	0.00419	0.000468	0.00149
2116 Jul	308	0.0532	0.0125	0.000828	13.2	0.111	183	0.000823	0.000823	0.00000517	0.0085	0.00379	0.16	0.0375	0.00000718	59	0.0000417	0.00439	0.000482	0.00155
2116 Aug	328	0.0546	0.0128	0.000855	13.6	0.118	196	0.000849	0.000849	0.00000538	0.00886	0.00401	0.171	0.039	0.00000753	62.3	0.0000439	0.00469	0.0005	0.00163
2116 Sep	325	0.0548	0.0118	0.000825	12.9	0.118	196	0.00082	0.00082	0.00000524	0.00872	0.00395	0.172	0.0374	0.00000739	61.2	0.0000432	0.00468	0.000472	0.00159
2116 Oct	319	0.0563	0.0107	0.000795	12.3	0.118	194	0.000789	0.000789	0.00000508	0.0086	0.00386	0.17	0.0356	0.00000721	59.5	0.0000422	0.00462	0.00044	0.00155
2116 Nov	323	0.0566	0.0105	0.000792	12.2	0.119	197	0.000786	0.000786	0.00000508	0.00863	0.00389	0.172	0.0356	0.00000724	59.9	0.0000425	0.00468	0.000439	0.00156
2116 Dec	324	0.0565	0.0105	0.000791	12.2	0.12	198	0.000785	0.000785	0.00000508	0.00864	0.0039	0.173	0.0356	0.00000725	60.1	0.0000426	0.0047	0.000439	0.00156
2117 Jan	324	0.0565	0.0105	0.000791	12.2	0.12	198	0.000785	0.000785	0.00000508	0.00864	0.0039	0.173	0.0357	0.00000725	60.1	0.0000427	0.0047	0.000439	0.00156
2117 Feb	324	0.0565	0.0105	0.000791	12.2	0.12	198	0.000785	0.000785	0.00000508	0.00865	0.0039	0.173	0.0357	0.00000725	60.2	0.0000427	0.00471	0.000439	0.00156
2117 Mar	325	0.0566	0.0105	0.000792	12.2	0.12	198	0.000786	0.000786	0.00000508	0.00865	0.00391	0.173	0.0357	0.00000726	60.2	0.0000427	0.00471	0.00044	0.00156
2117 Apr	327	0.0569	0.0106	0.000796	12.2	0.121	199	0.000791	0.000791	0.00000511	0.00871	0.00393	0.174	0.0359	0.0000073	60.6	0.000043	0.00474	0.000443	0.00157
2117 May	320	0.0579	0.0112	0.000812	12.7	0.118	194	0.000806	0.000806	0.00000516	0.00871	0.00389	0.169	0.0365	0.00000728	60.1	0.0000425	0.00461	0.000456	0.00157
2117 Jun	298	0.0585	0.0123	0.000835	13.5	0.108	176	0.00083	0.00083	0.00000517	0.00855	0.00369	0.154	0.037	0.00000709	57.5	0.0000407	0.00421	0.000473	0.00154
2117 Jul	315	0.0603	0.0128	0.000874	14	0.115	186	0.000869	0.000869	0.00000542	0.00896	0.00389	0.163	0.0386	0.00000746	60.5	0.0000428	0.00446	0.000492	0.00162
2117 Aug	327	0.0607	0.0128	0.000891	14.1	0.12	195	0.000886	0.000886	0.00000556	0.00918	0.00403	0.171	0.0395	0.00000769	62.5	0.0000441	0.00466	0.000501	0.00166
2117 Sep	340	0.0609	0.0127	0.00089	14.1	0.124	204	0.000884	0.000884	0.00000561	0.00933	0.00416	0.179	0.04	0.00000784	64.5	0.0000455	0.00487	0.000505	0.0017
2117 Oct	343	0.0608	0.0122	0.000872	13.7	0.126	207	0.000866	0.000866	0.00000553	0.00928	0.00416	0.181	0.0394	0.0000078	64.4	0.0000455	0.00493	0.000494	0.00169
2117 Nov	341	0.0609	0.012	0.000866	13.6	0.125	206	0.00086	0.00086	0.00000549	0.00924	0.00414	0.18	0.039	0.00000775	64	0.0000452	0.0049	0.000488	0.00167
2117 Dec	341	0.0609	0.012	0.000864	13.5	0.125	206	0.000858	0.000858	0.00000549	0.00923	0.00414	0.18	0.0389	0.00000775	64	0.0000452	0.00491	0.000486	0.00167
2118 Jan	341	0.0609	0.012	0.000864	13.5	0.125	206	0.000858	0.000858	0.00000549	0.00924	0.00414	0.18	0.039	0.00000775	64	0.0000452	0.00491	0.000487	0.00167
2118 Feb	341	0.0609	0.012	0.000864	13.5	0.125	206	0.000858	0.000858	0.00000549	0.00924	0.00414	0.18	0.039	0.00000775	64	0.0000453	0.00491	0.000487	0.00167
2118 Mar	341	0.061	0.012	0.000865	13.6	0.125	206	0.000858	0.000858	0.00000549	0.00924	0.00414	0.181	0.039	0.00000775	64.1	0.0000453	0.00492	0.000487	0.00168
2118 Apr	342	0.0613	0.0121	0.000868	13.7	0.126	207	0.000862	0.000862	0.00000551	0.00927	0.00416	0.181	0.0392	0.00000778	64.3	0.0000454	0.00493	0.000491	0.00168
2118 May	312	0.0618	0.0132	0.000874	14.4	0.113	183	0.000869	0.000869	0.0000054	0.00889	0.00387	0.16	0.0393	0.0000074	60.5	0.0000423	0.00439	0.000506	0.00162
2118 Jun	261	0.0586	0.0139	0.000851	14.5	0.0928	147	0.000846	0.000846	0.00000507	0.00812	0.00335	0.129	0.0373	0.00000666	53	0.0000371	0.00356	0.000497	0.00147
2118 Jul	279	0.061	0.0145	0.000897	15.2	0.0991	157	0.000892	0.000892	0.00000536	0.00859	0.00356	0.138	0.0393	0.00000707	56.2	0.0000394	0.00381	0.000521	0.00156
2118 Aug	285	0.0583	0.0137	0.00088	14.6	0.103	164	0.000875	0.000875	0.00000532	0.0085	0.00361	0.144	0.0384	0.00000709	56.6	0.0000394	0.00395	0.000502	0.00155
2118 Sep	283	0.0575	0.0121	0.000832	13.4	0.104	165	0.000827	0.000827	0.00000509	0.00827	0.00353	0.145	0.0359	0.00000689	55	0.0000384	0.00397	0.000457	0.00149
2118 Oct	287	0.0579	0.011	0.000798	12.7	0.106	170	0.000793	0.000793	0.00000495	0.00821	0.00353	0.149	0.0346	0.00000681	54.8	0.0000384	0.00407	0.000433	0.00147
2118 Nov	289	0.058	0.0108	0.00079	12.5	0.108	173	0.000785	0.000785	0.00000492	0.00822	0.00355	0.151	0.0343	0.00000681	55	0.0000386	0.00412	0.000427	0.00147
2118 Dec	290	0.0581	0.0108	0.00079	12.5	0.108	173	0.000785	0.000785	0.00000492	0.00822	0.00355	0.151	0.0343	0.00000681	55.1	0.0000387	0.00412	0.000427	0.00147
2119 Jan	290	0.0581	0.0108	0.00079	12.5	0.108	173	0.000785	0.000785	0.00000493	0.00822	0.00356	0.152	0.0344	0.00000682	55.1	0.0000387	0.00413	0.000428	0.00147
2119 Feb	291	0.0581	0.0108	0.00079	12.5	0.108	173	0.000784	0.000784	0.00000493	0.00823	0.00356	0.152	0.0344	0.00000682	55.2	0.0000388	0.00414	0.000428	0.00148
2119 Mar	291	0.0582	0.0108	0.000791	12.5	0.108	174	0.000786	0.000786	0.00000494	0.00824	0.00357	0.152	0.0345	0.00000684	55.3	0.0000388	0.00415	0.000429	0.00148
2119 Apr	292	0.0593	0.0111	0.000799	12.8	0.108	173	0.000794	0.000794	0.00000497	0.00828	0.00359	0.152	0.0351	0.00000687	55.8	0.0000389	0.00415	0.00044	0.00149
2119 May	261	0.0618	0.0133	0.000807	14.4	0.0936	147	0.000802	0.000802	0.00000486	0.00783	0.00332	0.129	0.0367	0.00000646	52.7	0.0000357	0.00357	0.000486	0.00146
2119 Jun	252	0.0596	0.0133	0.000806	14.3	0.0901	142	0.000802	0.000802	0.00000482	0.00773	0.00323	0.124	0.0362	0.00000635	51.3	0.0000351	0.00344	0.000481	0.00143
2119 Jul	271	0.061	0.0137	0.000844	14.7	0.0968	154	0.000839	0.000839	0.00000508	0.00818	0.00344	0.135	0.0378	0.00000674	54.5	0.0000376	0.00372	0.0005	0.0015
2119 Aug	283	0.0608	0.0136	0.000857	14.7	0.102	162	0.000852	0.000852	0.00000519	0.00835	0.00357	0.142	0.0383	0.00000695	56.3	0.0000386	0.00391	0.000502	0.00154
2119 Sep	288	0.0591	0.0126	0.000828	13.9	0.105	168	0.000823	0.000823	0.00000508	0.00825	0.0036	0.147	0.0371	0.00000692	56.4	0.0000387	0.00404	0.000478	0.00152
2119 Oct	292	0.0591	0.0118	0.000803	13.3	0.107	172	0.000798	0.000798	0.00000499	0.00821	0.00361	0.151	0.0361	0.00000687	56.3	0.0000388	0.00413	0.00046	0.00151
2119 Nov	291	0.0593	0.0115	0.000794	13.1	0.107	173	0.000789	0.000789	0.00000494	0.00819	0.00359	0.151	0.0356	0.00000683	56	0.0000387	0.00413	0.00045	0.0015
2119 Dec	292	0.0593	0.0115	0.000794	13.1	0.108	173	0.000789	0.000789	0.00000494	0.0082	0.0036	0.152	0.0356	0.00000684	56.1	0.0000387	0.00414	0.00045	0.0015

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0611	0.00000986	1.21	2.09	0.0331	0.000232	4.12	0.00117	0.0478	0.000256	0.000149	0.0000617	0.0841	0.00000197	0.000064	0.000545	0.00163	0
Operation (2026-2036): Mean	0.0858	0.0000114	1.44	2.56	0.044	0.000279	4.93	0.00138	0.0519	0.000352	0.00019	0.0000753	0.102	0.00000228	0.0000734	0.000687	0.00196	0
Operation (2026-2036): Max	0.132	0.0000126	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0578	0.000575	0.000221	0.0001	0.139	0.00000253	0.0000839	0.000926	0.00221	0
Active Closure (2037-2043): Min	0.0577	0.0000097	1.19	1.99	0.0314	0.000218	4.01	0.00117	0.0492	0.000244	0.000155	0.0000611	0.0807	0.00000194	0.0000626	0.000533	0.00165	0
Active Closure (2037-2043): Mean	0.0675	0.0000107	1.35	2.38	0.041	0.00026	4.61	0.00129	0.0535	0.000328	0.000177	0.0000705	0.0955	0.00000214	0.0000684	0.000637	0.00183	0
Active Closure (2037-2043): Max	0.0785	0.0000113	1.54	2.84	0.0522	0.000304	5.34	0.00143	0.0582	0.000425	0.00019	0.0000823	0.113	0.00000227	0.0000765	0.000756	0.00193	0
Post Closure (2044-2119): Min	0.0466	0.0000108	1.34	2.31	0.0367	0.000266	3.7	0.00129	0.0402	0.000163	0.000177	0.0000695	0.093	0.00000212	0.000069	0.000597	0.00161	0
Post Closure (2044-2119): Mean	0.0648	0.0000197	8.22	22.5	0.098	0.00246	10.4	0.0135	0.0455	0.000364	0.000775	0.000388	0.47	0.00000267	0.00253	0.000923	0.00206	0
Post Closure (2044-2119): Max	0.0835	0.0000263	12	33.4	0.143	0.00366	45.1	0.0202	0.0551	0.000545	0.00114	0.000566	0.681	0.00000335	0.00389	0.0013	0.00265	0
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0.13	0.000012	1.8	3.48	0.0682	0.000313	6.31	0.00163	0.0483	0.000567	0.000203	0.0000991	0.138	0.00000239	0.0000828	0.000914	0.00201	0
2026 Feb	0.13	0.000012	1.8	3.48	0.0682	0.000313	6.31	0.00163	0.0483	0.000567	0.000203	0.0000991	0.138	0.00000239	0.0000828	0.000914	0.00201	0
2026 Mar	0.13	0.000012	1.8	3.48	0.0683	0.000313	6.32	0.00163	0.0483	0.000567	0.000203	0.0000992	0.138	0.0000024	0.0000829	0.000914	0.00201	0
2026 Apr	0.13	0.000012	1.8	3.49	0.0684	0.000314	6.33	0.00164	0.0484	0.000569	0.000203	0.0000994	0.138	0.0000024	0.0000831	0.000916	0.00202	0
2026 May	0.132	0.0000121	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0489	0.000575	0.000206	0.0001	0.139	0.00000243	0.0000839	0.000926	0.00204	0
2026 Jun	0.12	0.0000117	1.7	3.24	0.0632	0.000287	5.91	0.00156	0.0478	0.000524	0.000205	0.0000934	0.128	0.00000233	0.0000788	0.000874	0.002	0
2026 Jul	0.12	0.0000119	1.72	3.26	0.0632	0.000288	5.96	0.00158	0.049	0.000523	0.00021	0.0000942	0.129	0.00000238	0.0000799	0.000882	0.00206	0
2026 Aug	0.121	0.0000121	1.73	3.28	0.0631	0.000294	6.01	0.0016	0.0499	0.000522	0.00021	0.0000948	0.13	0.00000242	0.0000808	0.000878	0.00207	0
2026 Sep	0.122	0.0000122	1.75	3.31	0.0634	0.0003	6.07	0.00161	0.0506	0.000524	0.000211	0.0000956	0.131	0.00000245	0.0000819	0.000883	0.00209	0
2026 Oct	0.12	0.0000121	1.73	3.26	0.0622	0.000303	6.01	0.00159	0.0503	0.000513	0.000207	0.0000941	0.129	0.00000243	0.0000814	0.000867	0.00206	0
2026 Nov	0.12	0.0000122	1.73	3.27	0.0623	0.000304	6.02	0.0016	0.0505	0.000514	0.000207	0.0000944	0.13	0.00000243	0.0000817	0.000869	0.00207	0
2026 Dec	0.12	0.0000122	1.73	3.27	0.0624	0.000304	6.03	0.0016	0.0505	0.000514	0.000207	0.0000944	0.13	0.00000243	0.0000817	0.000869	0.00207	0
2027 Jan	0.12	0.0000122	1.73	3.27	0.0624	0.000304	6.03	0.0016	0.0505	0.000514	0.000207	0.0000944	0.13	0.00000243	0.0000817	0.000869	0.00207	0
2027 Feb	0.12	0.0000122	1.73	3.27	0.0624	0.000304	6.03	0.0016	0.0505	0.000514	0.000207	0.0000944	0.13	0.00000243	0.0000817	0.000869	0.00207	0
2027 Mar	0.12	0.0000122	1.73	3.27	0.0624	0.000304	6.03	0.0016	0.0505	0.000515	0.000208	0.0000945	0.13	0.00000244	0.0000817	0.00087	0.00207	0
2027 Apr	0.121	0.0000122	1.74	3.29	0.0626	0.000305	6.05	0.00161	0.0507	0.000517	0.000208	0.0000949	0.13	0.00000245	0.0000821	0.000873	0.00208	0
2027 May	0.122	0.0000124	1.76	3.33	0.0635	0.000309	6.14	0.00163	0.0514	0.000524	0.000211	0.0000962	0.132	0.00000248	0.0000832	0.000885	0.00211	0
2027 Jun	0.11	0.0000118	1.63	3.03	0.0571	0.000278	5.61	0.00152	0.0495	0.000469	0.000208	0.0000883	0.12	0.00000236	0.0000775	0.000825	0.00205	0
2027 Jul	0.107	0.0000118	1.6	2.93	0.0548	0.00027	5.47	0.0015	0.0499	0.000449	0.000212	0.0000863	0.117	0.00000237	0.0000766	0.000811	0.00208	0
2027 Aug	0.11	0.0000123	1.65	3.03	0.0564	0.000281	5.66	0.00156	0.0518	0.000462	0.000218	0.0000892	0.121	0.00000246	0.0000793	0.000834	0.00215	0
2027 Sep	0.109	0.0000122	1.64	3	0.0552	0.000287	5.61	0.00154	0.0517	0.000451	0.000213	0.0000881	0.119	0.00000244	0.0000792	0.000816	0.00212	0
2027 Oct	0.107	0.0000121	1.62	2.96	0.0541	0.000291	5.56	0.00152	0.0515	0.00044	0.000208	0.0000866	0.118	0.00000242	0.0000789	0.0008	0.00209	0
2027 Nov	0.106	0.0000121	1.61	2.95	0.0538	0.000293	5.55	0.00152	0.0515	0.000437	0.000207	0.0000863	0.118	0.00000242	0.0000789	0.000795	0.00208	0
2027 Dec	0.106	0.0000121	1.61	2.95	0.0537	0.000293	5.54	0.00152	0.0515	0.000437	0.000207	0.0000863	0.117	0.00000242	0.0000789	0.000795	0.00208	0
2028 Jan	0.106	0.0000121	1.61	2.95	0.0537	0.000293	5.54	0.00152	0.0515	0.000437	0.000207	0.0000863	0.117	0.00000242	0.0000789	0.000795	0.00208	0
2028 Feb	0.106	0.0000121	1.61	2.95	0.0537	0.000293	5.55	0.00152	0.0515	0.000437	0.000207	0.0000863	0.117	0.00000242	0.0000789	0.000795	0.00208	0
2028 Mar	0.106	0.0000121	1.61	2.95	0.0537	0.000293	5.55	0.00152	0.0515	0.000437	0.000207	0.0000863	0.117	0.00000242	0.0000789	0.000795	0.00208	0
2028 Apr	0.107	0.0000121	1.62	2.95	0.0538	0.000294	5.56	0.00152	0.0517	0.000438	0.000207	0.0000865	0.118	0.00000242	0.0000791	0.000797	0.00209	0
2028 May	0.108	0.0000122	1.63	2.98	0.0544	0.000296	5.61	0.00154	0.0521	0.000442	0.000209	0.0000873	0.119	0.00000245	0.0000798	0.000804	0.00211	0
2028 Jun	0.0999	0.0000118	1.54	2.77	0.0499	0.000274	5.24	0.00146	0.0507	0.000404	0.000208	0.0000819	0.111	0.00000237	0.0000759	0.000764	0.00208	0
2028 Jul	0.0971	0.0000119	1.51	2.69	0.0481	0.000266	5.12	0.00145	0.0509	0.000388	0.000211	0.0000802	0.108	0.00000237	0.000075	0.000753	0.0021	0
2028 Aug	0.102	0.0000125	1.59	2.83	0.0504	0.00028	5.38	0.00152	0.0536	0.000407	0.000221	0.0000843	0.113	0.0000025	0.0000789	0.000789	0.0022	0
2028 Sep	0.102	0.0000126	1.6	2.85	0.0505	0.000288	5.43	0.00153	0.0543	0.000406	0.000221	0.0000847	0.114	0.00000252	0.0000799	0.00079	0.00221	0
2028 Oct	0.0973	0.0000122	1.54	2.73	0.0473	0.000293	5.24	0.00147	0.053	0.000379	0.000207	0.0000806	0.109	0.00000243	0.0000781	0.000744	0.00211	0
2028 Nov	0.0971	0.0000122	1.54	2.73	0.0471	0.000296	5.24	0.00147	0.0531	0.000376	0.000205	0.0000804	0.109	0.00000243	0.0000783	0.00074	0.0021	0
2028 Dec	0.0971	0.0000122	1.54	2.73	0.0471	0.000296	5.25	0.00147	0.0532	0.000377	0.000205	0.0000804	0.109	0.00000243	0.0000784	0.000741	0.0021	0
2029 Jan	0.0971	0.0000122	1.54	2.73	0.0471	0.000296	5.25	0.00147	0.0532	0.000377	0.000205	0.0000804	0.109	0.00000243	0.0000784	0.000741	0.0021	0
2029 Feb	0.0971	0.0000122	1.54	2.73	0.0471	0.000296	5.25	0.00147	0.0532	0.000377	0.000205	0.0000804	0.109	0.00000243	0.0000784	0.000741	0.0021	0
2029 Mar	0.0971	0.0000122	1.54	2.73	0.0471	0.000296	5.25	0.00147	0.0532	0.000377	0.000206	0.0000804	0.109	0.00000243	0.0000784	0.000741	0.0021	0
2029 Apr	0.0972	0.0000122	1.54	2.73	0.0472	0.000296	5.25	0.00147	0.0532	0.000377	0.000206	0.0000805	0.109	0.00000243	0.0000784	0.000741	0.00211	0
2029 May	0.0978	0.0000123	1.55	2.75	0.0475	0.000298	5.28	0.00148	0.0536	0.000379	0.000207	0.000081	0.11	0.00000245	0.0000789	0.000746	0.00212	0
2029 Jun	0.0959	0.0000122	1.53	2.7	0.0465	0.000291	5.2	0.00147	0.0536	0.000371	0.00021	0.0000799	0.108	0.00000245	0.0000782	0.000742	0.00214	0
2029 Jul	0.0843	0.0000114	1.37	2.37	0.0399	0.000254	4.62	0.00134	0.0502	0.000317	0.0002	0.0000713	0.0952	0.00000228	0.0000709	0.000666	0.00202	0
2029 Aug	0.086	0.0000117	1.41	2.42	0.0405	0.000262	4.74	0.00137	0.0516	0.000321	0.000203	0.000073	0.0974	0.00000235	0.0000728	0.000674	0.00206	0
2029 Sep	0.0867	0.0000119	1.43	2.45	0.0407	0.000269	4.8	0.00139	0.0523	0.000322	0.000203	0.0000737	0.0984	0.00000238	0.0000738	0.000677	0.00208	0
2029 Oct	0.0854	0.0000118	1.41	2.42	0.0398	0.000274	4.76	0.00137	0.0522	0.000314	0.000199	0.0000727	0.0974	0.00000236	0.0000737	0.000664	0.00205	0
2029 Nov	0.0829	0.0000115	1.38	2.37	0.0384	0.000277	4.67	0.00134	0.0514	0.000301	0.000191	0.0000706	0.0952	0.00000231	0.0000728	0.00064	0.00199	0
2029 Dec	0.083	0.0000115	1.38	2.37	0.0384	0.000278	4.67	0.00134	0.0514	0.000301	0.000191	0.0000706	0.0952	0.00000231	0.0000728	0.00064	0.00199	0
2030 Jan	0.083	0.0000115	1.38	2.37	0.0384	0.000278	4.67	0.00134	0.0514	0.000301	0.000191	0.0000706	0.0952	0.00000231	0.0000728	0.00064	0.00199	0
2030 Feb	0.083	0.0000115	1.38	2.37	0.0384	0.000278	4.67	0.00134	0.0514	0.000301	0.000191	0.0000706	0.0952	0.00000231	0.0000728	0.00064	0.00199	0
2030 Mar	0.083	0.0000115	1.38	2.37	0.0384	0.000278	4.67	0.00134	0.0515	0.000302	0.000191	0.0000706	0.0953	0.00000231	0.0000728	0.000641	0.00199	0
2030 Apr	0.0831	0.0000116	1.38	2.37	0.0384	0.000278	4.68	0.00134	0.0515	0.000302	0.000191	0.0000707	0.0954	0.00000231	0.0000729	0.000641	0.00199	0
2030 May	0.084	0.0000117	1.4	2.4	0.0389	0.000281	4.73	0.00136	0.0521	0.000305	0.000193	0.0000715	0.0964	0.00000234	0.0000737	0.000648	0.00202	0
2030 Jun	0.0801	0.0000115	1.35	2.28	0.0367	0.000264	4.52	0.00132	0.0513	0.000287	0.000196	0.0000688	0.0919	0.0000023	0.0000714	0.000633	0.00202	0
2030 Jul	0.0776	0.0000114	1.32	2.21	0.0352	0.000255	4.4	0.0013	0.0509	0.000275	0.000196	0.0000671	0.0891	0.00000228	0.00007	0.00062	0.00201	0
2030 Aug	0.0791	0.0000117	1.35	2.26	0.0357	0.000261	4.5	0.00133	0.0522	0.000279	0.000199	0.0000685	0.091	0.00000234	0.0000716	0.000628	0.00205	0
2030 Sep	0.081	0.000012	1.38	2.31	0.0365	0.000269	4.61	0.00136	0.0535	0.000285	0.000203	0.0000702	0.0932	0.0000024	0.0000735	0.000642	0.0021	0
2030 Oct	0.0802	0.0000119	1.37	2.3	0.036	0.000273	4.59	0.00135	0.0534	0.00028	0.0002	0.0000695	0.0927	0.00000238	0.0000734	0.000634	0.00208	0
2030 Nov	0.0795	0.0000118	1.36	2.28	0.0356	0.000274	4.57	0.00134	0.0532	0.000276	0.000198	0.0000689	0.0921	0.00000237	0.0000732	0.000626	0.00206	0
2030 Dec	0.0796	0.0000119	1.36	2.28	0.0356	0.000274	4.57	0.00134	0.0532	0.000276	0.000198	0.0000689	0.0921	0.00000237	0.0000732	0.000627	0.00206	0
2031 Jan	0.0796	0.0000119	1.36	2.28	0.0356	0.000274	4.57	0.00134	0.0532	0.000276	0.000198	0.0000689	0.0921	0.00000237	0.0000732	0.000627	0.00206	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.0796	0.0000119	1.36	2.28	0.0356	0.000274	4.57	0.00134	0.0532	0.000276	0.000198	0.0000689	0.0921	0.00000237	0.0000732	0.000627	0.00206	0
2031 Mar	0.0796	0.0000119	1.36	2.28	0.0356	0.000274	4.57	0.00134	0.0532	0.000276	0.000198	0.000069	0.0921	0.00000237	0.0000732	0.000627	0.00206	0
2031 Apr	0.0799	0.0000119	1.37	2.29	0.0357	0.000275	4.59	0.00135	0.0534	0.000277	0.000198	0.0000692	0.0924	0.00000238	0.0000735	0.000629	0.00207	0
2031 May	0.0813	0.000012	1.4	2.35	0.0371	0.000278	4.68	0.00137	0.0541	0.000289	0.000201	0.0000708	0.0947	0.00000241	0.0000745	0.000645	0.0021	0
2031 Jun	0.0821	0.0000117	1.42	2.47	0.0416	0.000265	4.8	0.00138	0.0536	0.000331	0.000202	0.0000739	0.0989	0.00000234	0.0000732	0.000684	0.00206	0
2031 Jul	0.0857	0.0000123	1.49	2.57	0.0433	0.000276	5.01	0.00145	0.0562	0.000345	0.000212	0.0000771	0.103	0.00000246	0.0000765	0.000714	0.00216	0
2031 Aug	0.0878	0.0000126	1.53	2.64	0.0442	0.000286	5.15	0.00148	0.0578	0.000352	0.000217	0.0000792	0.106	0.00000253	0.0000787	0.000728	0.00221	0
2031 Sep	0.0861	0.0000125	1.51	2.6	0.043	0.000291	5.09	0.00146	0.0573	0.000341	0.00021	0.0000778	0.104	0.0000025	0.0000782	0.000708	0.00217	0
2031 Oct	0.0826	0.0000121	1.46	2.51	0.0407	0.000296	4.95	0.00141	0.0561	0.00032	0.000198	0.0000745	0.101	0.00000242	0.0000768	0.000672	0.00208	0
2031 Nov	0.0825	0.0000121	1.46	2.51	0.0406	0.000298	4.95	0.00141	0.0561	0.000319	0.000197	0.0000744	0.101	0.00000242	0.0000769	0.00067	0.00207	0
2031 Dec	0.0825	0.0000121	1.46	2.51	0.0406	0.000298	4.95	0.00141	0.0561	0.000319	0.000197	0.0000744	0.101	0.00000242	0.0000769	0.00067	0.00207	0
2032 Jan	0.0825	0.0000121	1.46	2.51	0.0406	0.000298	4.95	0.00141	0.0561	0.000319	0.000197	0.0000744	0.101	0.00000242	0.0000769	0.00067	0.00207	0
2032 Feb	0.0825	0.0000121	1.46	2.51	0.0406	0.000298	4.95	0.00141	0.0561	0.000319	0.000197	0.0000744	0.101	0.00000242	0.0000769	0.00067	0.00207	0
2032 Mar	0.0825	0.0000121	1.46	2.51	0.0406	0.000298	4.95	0.00141	0.0561	0.000319	0.000197	0.0000744	0.101	0.00000242	0.0000769	0.000671	0.00207	0
2032 Apr	0.0827	0.0000121	1.46	2.51	0.0407	0.000298	4.96	0.00141	0.0562	0.00032	0.000197	0.0000746	0.101	0.00000243	0.0000771	0.000672	0.00208	0
2032 May	0.0836	0.0000123	1.48	2.54	0.0412	0.000302	5.01	0.00143	0.0568	0.000324	0.0002	0.0000754	0.102	0.00000245	0.0000779	0.000679	0.0021	0
2032 Jun	0.0769	0.0000117	1.38	2.34	0.0378	0.000269	4.62	0.00135	0.0541	0.000297	0.000199	0.0000703	0.0942	0.00000234	0.0000727	0.000649	0.00205	0
2032 Jul	0.069	0.0000109	1.25	2.09	0.0332	0.000238	4.16	0.00123	0.0501	0.000259	0.000188	0.0000635	0.0842	0.00000217	0.0000662	0.000589	0.00192	0
2032 Aug	0.0694	0.000011	1.26	2.11	0.0332	0.000244	4.21	0.00125	0.0508	0.000259	0.000187	0.0000642	0.085	0.0000022	0.0000671	0.000585	0.00193	0
2032 Sep	0.0702	0.0000112	1.28	2.14	0.0334	0.000251	4.28	0.00127	0.0516	0.00026	0.000188	0.0000651	0.0862	0.00000224	0.0000682	0.000589	0.00196	0
2032 Oct	0.0704	0.0000112	1.29	2.14	0.0334	0.000255	4.3	0.00127	0.0519	0.000259	0.000188	0.0000652	0.0865	0.00000225	0.0000686	0.000589	0.00196	0
2032 Nov	0.0703	0.0000112	1.28	2.14	0.0333	0.000256	4.3	0.00127	0.0519	0.000259	0.000187	0.0000651	0.0865	0.00000224	0.0000687	0.000588	0.00195	0
2032 Dec	0.07	0.0000112	1.28	2.13	0.0331	0.000257	4.29	0.00126	0.0518	0.000257	0.000186	0.0000648	0.0862	0.00000224	0.0000686	0.000584	0.00195	0
2033 Jan	0.07	0.0000112	1.28	2.13	0.0331	0.000257	4.29	0.00126	0.0518	0.000257	0.000186	0.0000648	0.0862	0.00000224	0.0000686	0.000584	0.00195	0
2033 Feb	0.07	0.0000112	1.28	2.13	0.0331	0.000257	4.29	0.00126	0.0518	0.000257	0.000186	0.0000648	0.0862	0.00000224	0.0000686	0.000584	0.00195	0
2033 Mar	0.07	0.0000112	1.28	2.14	0.0332	0.000257	4.29	0.00127	0.0518	0.000257	0.000186	0.0000649	0.0863	0.00000224	0.0000687	0.000585	0.00195	0
2033 Apr	0.0704	0.0000112	1.29	2.14	0.0333	0.000258	4.31	0.00127	0.0521	0.000258	0.000187	0.0000652	0.0867	0.00000225	0.000069	0.000588	0.00196	0
2033 May	0.0733	0.0000113	1.34	2.29	0.0377	0.000257	4.51	0.00131	0.0527	0.000297	0.000191	0.0000691	0.0922	0.00000225	0.0000698	0.00063	0.00196	0
2033 Jun	0.0723	0.0000105	1.33	2.35	0.0417	0.000232	4.49	0.00128	0.0502	0.000337	0.000186	0.0000703	0.0941	0.0000021	0.000066	0.000656	0.00186	0
2033 Jul	0.0736	0.0000108	1.35	2.39	0.0422	0.000236	4.57	0.0013	0.0514	0.00034	0.000191	0.0000715	0.0956	0.00000216	0.0000673	0.000666	0.0019	0
2033 Aug	0.0764	0.0000112	1.41	2.48	0.0437	0.000246	4.75	0.00136	0.0535	0.000353	0.000198	0.0000744	0.0993	0.00000225	0.0000701	0.00069	0.00198	0
2033 Sep	0.0747	0.0000111	1.38	2.44	0.0422	0.000253	4.69	0.00133	0.053	0.000339	0.00019	0.0000727	0.0976	0.00000222	0.0000697	0.000666	0.00193	0
2033 Oct	0.0695	0.0000105	1.3	2.28	0.038	0.000265	4.46	0.00125	0.051	0.000302	0.00017	0.0000672	0.0916	0.00000211	0.0000679	0.000604	0.00179	0
2033 Nov	0.0692	0.0000105	1.3	2.28	0.0377	0.000269	4.45	0.00125	0.051	0.000298	0.000168	0.0000669	0.0914	0.0000021	0.000068	0.000599	0.00178	0
2033 Dec	0.0692	0.0000105	1.3	2.28	0.0377	0.000269	4.46	0.00125	0.051	0.000298	0.000168	0.0000669	0.0914	0.0000021	0.0000681	0.000599	0.00178	0
2034 Jan	0.0692	0.0000105	1.3	2.28	0.0377	0.000269	4.46	0.00125	0.051	0.000298	0.000168	0.0000669	0.0914	0.0000021	0.0000681	0.000599	0.00178	0
2034 Feb	0.0692	0.0000105	1.3	2.28	0.0377	0.000269	4.46	0.00125	0.0511	0.000298	0.000168	0.0000669	0.0914	0.0000021	0.0000681	0.000599	0.00178	0
2034 Mar	0.0692	0.0000105	1.3	2.28	0.0377	0.000269	4.46	0.00125	0.0511	0.000298	0.000168	0.0000669	0.0914	0.0000021	0.0000681	0.0006	0.00178	0
2034 Apr	0.0695	0.0000106	1.31	2.29	0.0379	0.00027	4.47	0.00125	0.0513	0.000299	0.000169	0.0000672	0.0918	0.00000211	0.0000683	0.000602	0.00179	0
2034 May	0.0712	0.0000107	1.34	2.36	0.0396	0.000272	4.59	0.00128	0.0521	0.000315	0.000172	0.0000691	0.0945	0.00000214	0.0000694	0.000622	0.00181	0
2034 Jun	0.0731	0.0000104	1.37	2.49	0.0448	0.000255	4.71	0.00129	0.0513	0.000363	0.000176	0.0000728	0.0994	0.00000208	0.000068	0.000671	0.00179	0
2034 Jul	0.0726	0.0000105	1.36	2.47	0.0439	0.000253	4.68	0.00129	0.0515	0.000356	0.000176	0.0000722	0.0984	0.00000209	0.0000678	0.000662	0.0018	0
2034 Aug	0.0763	0.000011	1.44	2.59	0.0461	0.000267	4.93	0.00136	0.0542	0.000373	0.000185	0.0000759	0.103	0.0000022	0.0000714	0.000693	0.00189	0
2034 Sep	0.0745	0.0000109	1.41	2.54	0.0444	0.000274	4.86	0.00133	0.0537	0.000358	0.000177	0.000074	0.101	0.00000218	0.0000711	0.000669	0.00184	0
2034 Oct	0.0705	0.0000105	1.35	2.41	0.041	0.000282	4.67	0.00127	0.0522	0.000327	0.000163	0.0000697	0.0965	0.00000209	0.0000697	0.000621	0.00174	0
2034 Nov	0.0706	0.0000105	1.35	2.42	0.0409	0.000284	4.67	0.00127	0.0523	0.000326	0.000163	0.0000697	0.0966	0.0000021	0.0000699	0.000621	0.00174	0
2034 Dec	0.0706	0.0000105	1.35	2.42	0.0409	0.000284	4.68	0.00127	0.0523	0.000327	0.000163	0.0000697	0.0967	0.0000021	0.0000699	0.000621	0.00174	0
2035 Jan	0.0706	0.0000105	1.35	2.42	0.0409	0.000284	4.68	0.00127	0.0523	0.000327	0.000163	0.0000697	0.0967	0.0000021	0.0000699	0.000621	0.00174	0
2035 Feb	0.0706	0.0000105	1.35	2.42	0.0409	0.000284	4.68	0.00127	0.0523	0.000327	0.000163	0.0000697	0.0967	0.0000021	0.0000699	0.000621	0.00174	0
2035 Mar	0.0706	0.0000105	1.35	2.42	0.041	0.000284	4.68	0.00127	0.0523	0.000327	0.000163	0.0000698	0.0967	0.0000021	0.0000699	0.000621	0.00174	0
2035 Apr	0.0709	0.0000105	1.36	2.43	0.0411	0.000285	4.69	0.00128	0.0525	0.000328	0.000163	0.00007	0.097	0.00000211	0.0000702	0.000623	0.00175	0
2035 May	0.0722	0.0000107	1.38	2.47	0.042	0.000289	4.78	0.0013	0.0534	0.000336	0.000166	0.0000714	0.0989	0.00000214	0.0000713	0.000636	0.00178	0
2035 Jun	0.0688	0.0000101	1.32	2.37	0.0418	0.000253	4.52	0.00125	0.0505	0.000336	0.000169	0.0000691	0.0947	0.00000203	0.0000664	0.000636	0.00174	0
2035 Jul	0.0684	0.0000103	1.31	2.35	0.041	0.00025	4.49	0.00125	0.0509	0.00033	0.000173	0.0000688	0.0938	0.00000205	0.0000665	0.000636	0.00177	0
2035 Aug	0.0698	0.0000105	1.35	2.4	0.0417	0.00026	4.61	0.00128	0.0523	0.000334	0.000176	0.0000705	0.096	0.00000211	0.0000683	0.000644	0.00181	0
2035 Sep	0.0662	0.0000102	1.29	2.29	0.0385	0.000268	4.44	0.00123	0.0507	0.000306	0.000161	0.0000668	0.0917	0.00000204	0.0000668	0.000596	0.00171	0
2035 Oct	0.0645	0.00001	1.27	2.24	0.0369	0.000277	4.38	0.0012	0.0502	0.00029	0.000154	0.0000649	0.0898	0.00000201	0.0000666	0.000572	0.00167	0
2035 Nov	0.0632	0.0000099	1.25	2.2	0.0358	0.000279	4.31	0.00118	0.0497	0.00028	0.000149	0.0000634	0.0881	0.00000198	0.0000661	0.000556	0.00163	0
2035 Dec	0.0632	0.0000099	1.25	2.2	0.0358	0.000279	4.31	0.00118	0.0497	0.000281	0.000149	0.0000634	0.0882	0.00000198	0.0000661	0.000556	0.00163	0
2036 Jan	0.0632	0.0000099	1.25	2.2	0.0358	0.000279	4.31	0.00118	0.0497	0.000281	0.000149	0.0000634	0.0882	0.00000198	0.0000661	0.000556	0.00163	0
2036 Feb	0.0632	0.0000099	1.25	2.2	0.0358	0.000279	4.31	0.00118	0.0497	0.000281	0.000149	0.0000634	0.0882	0.00000198	0.0000661	0.000556	0.00163	0
2036 Mar	0.0632	0.0000099	1.25	2.2	0.0358	0.000279	4.31	0.00118	0.0497	0.000281	0.000149	0.0000634	0.0882	0.00000198	0.0000661	0.000556	0.00163	0
2036 Apr	0.0635	0.00000994	1.25	2.21	0.036	0.00028	4.33	0.00118	0.0499	0.000282	0.000149	0.0000637	0.0886	0.00000199	0.0000664	0.000559	0.00164	0
2036 May	0.0647	0.0000101	1.28	2.25	0.0367	0.000285	4.41	0.00121	0.0507	0.000287	0.000152	0.0000649	0.0903	0.00000202	0.0000676	0.00057	0.00166	0
2036 Jun	0.0619	0.00000986	1.22	2.14	0.0352	0.000259	4.19	0.00117	0.0491	0.000275	0.000157	0.0000625	0.0858	0.00000197	0.0000645	0.000563	0.00167	0
2036 Jul	0.0611	0.00000994	1.21	2.09	0.0341	0.000252	4.12	0.00117	0.0492	0.000266	0.000161	0.0000617	0.0841	0.00000199	0.000064	0.000558	0.0017	0
2036 Aug	0.0636	0.0000104	1.26	2.18	0.0353	0.000264	4.29	0.00121	0.0513	0.000276	0.000167	0.0000642	0.0876	0.00000207	0.0000667	0.000578	0.00177	0
2036 Sep	0.0634	0.0000104	1.26	2.17	0.035	0.000269	4.3	0.00121	0.0514	0.000272	0.000164	0.000064	0.0875	0.00000208	0.000067	0.000572	0.00176	0
2036 Oct	0.062	0.0000102	1.24	2.13	0.0337	0.000275	4.24	0.00119	0.0509	0.00026	0.000158	0.0000624	0.0858	0.00000205	0.0000667	0.000552	0.00171	0
2036 Nov	0.0616	0.0000102	1.23	2.12	0.0333	0.000276	4.22	0.00118	0.0507	0.000258	0.000156	0.0000619	0.0854	0.00000204	0.0000666	0.000547	0.0017	0
2036 Dec	0.0615	0.0000102	1.23	2.12	0.0332	0.000277	4.22	0.00118	0.0507	0.000256	0.000155	0.0000618	0.0852	0.00000203	0.0000665	0.000545	0.0017	0
2037 Jan	0.0615	0.0000102	1.23	2.12	0.0332	0.000277	4.22	0.00118	0.0507	0.000257	0.000155	0.0000618	0.0852	0.00000203	0.0000665	0.000545	0.0017	0
2037 Feb	0.0615	0.0000102	1.23	2.12	0.0332	0.000277	4.22	0.00118	0.0507	0.000257	0.000155	0.0000618	0.0852	0.00000203	0.0000665	0.000545	0.0017	0
2037 Mar	0.0615	0.0000102	1.23	2.12	0.0333	0.000277	4.22	0.00118	0.0507	0.000257	0.000155	0.0000619	0.0853	0.00000204	0.0000666	0.000546	0.0017	0
2037 Apr	0.0617	0.0000102	1.23	2.12	0.0333	0.000277	4.23	0.00118	0.0508	0.000257	0.000156	0.000062	0.0855	0.00000204	0.0000667	0.000547	0.0017	0
2037 May	0.0648	0.0000102	1.29	2.27	0.0376	0.000274	4.42	0.00122	0.0513	0.000296	0.00016	0.0000659	0.0909	0.00000204	0.0000673	0.000589	0.00171	0
2037 Jun	0.0653	0.0000097	1.28	2.32	0.0413	0.000249	4.41	0.0012	0.0492	0.000332	0.000161	0.0000674	0.0927	0.00000194	0.0000642	0.000619	0.00165	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.067	0.00001	1.32	2.38	0.0421	0.000255	4.53	0.00124	0.0507	0.000338	0.000166	0.0000692	0.095	0.00000201	0.0000661	0.000634	0.00171	0
2037 Aug	0.0691	0.0000104	1.36	2.45	0.0433	0.000264	4.68	0.00128	0.0525	0.000348	0.000171	0.0000714	0.098	0.00000208	0.0000683	0.000652	0.00177	0
2037 Sep	0.0702	0.0000106	1.38	2.49	0.0438	0.000272	4.76	0.0013	0.0535	0.000351	0.000173	0.0000725	0.0996	0.00000212	0.0000697	0.000659	0.00179	0
2037 Oct	0.0688	0.0000104	1.36	2.45	0.0423	0.000277	4.7	0.00128	0.053	0.000338	0.000167	0.0000708	0.0978	0.00000209	0.0000694	0.000639	0.00175	0
2037 Nov	0.0687	0.0000104	1.36	2.45	0.0422	0.000279	4.7	0.00128	0.053	0.000337	0.000166	0.0000707	0.0978	0.00000209	0.0000695	0.000637	0.00175	0
2037 Dec	0.0687	0.0000105	1.36	2.45	0.0422	0.000279	4.7	0.00128	0.0531	0.000337	0.000166	0.0000708	0.0978	0.00000209	0.0000696	0.000637	0.00175	0
2038 Jan	0.0687	0.0000105	1.36	2.45	0.0422	0.000279	4.7	0.00128	0.0531	0.000337	0.000166	0.0000708	0.0978	0.00000209	0.0000696	0.000637	0.00175	0
2038 Feb	0.0687	0.0000105	1.36	2.45	0.0422	0.000279	4.7	0.00128	0.0531	0.000337	0.000166	0.0000708	0.0978	0.00000209	0.0000696	0.000637	0.00175	0
2038 Mar	0.0687	0.0000105	1.36	2.45	0.0422	0.000279	4.7	0.00128	0.0531	0.000337	0.000166	0.0000708	0.0978	0.00000209	0.0000696	0.000638	0.00175	0
2038 Apr	0.0689	0.0000105	1.36	2.45	0.0423	0.00028	4.71	0.00128	0.0532	0.000338	0.000167	0.0000709	0.0981	0.0000021	0.0000697	0.000639	0.00176	0
2038 May	0.0706	0.0000106	1.39	2.52	0.0442	0.000281	4.82	0.00131	0.0539	0.000354	0.00017	0.0000729	0.101	0.00000212	0.0000706	0.000659	0.00178	0
2038 Jun	0.072	0.0000102	1.41	2.61	0.0482	0.000261	4.87	0.00131	0.0524	0.000393	0.000172	0.0000753	0.104	0.00000204	0.0000684	0.000696	0.00174	0
2038 Jul	0.0755	0.0000108	1.47	2.73	0.0504	0.000273	5.1	0.00137	0.0551	0.00041	0.000182	0.0000789	0.109	0.00000215	0.0000719	0.00073	0.00184	0
2038 Aug	0.0785	0.0000113	1.54	2.84	0.0522	0.000287	5.33	0.00143	0.0576	0.000425	0.000189	0.0000823	0.113	0.00000225	0.0000751	0.000756	0.00192	0
2038 Sep	0.078	0.0000113	1.53	2.83	0.0515	0.000293	5.32	0.00143	0.0576	0.000417	0.000185	0.0000817	0.113	0.00000225	0.0000754	0.000746	0.0019	0
2038 Oct	0.0767	0.0000111	1.51	2.78	0.0501	0.000299	5.25	0.00141	0.0572	0.000404	0.00018	0.0000801	0.111	0.00000223	0.0000752	0.000727	0.00187	0
2038 Nov	0.0768	0.0000112	1.52	2.79	0.0501	0.0003	5.26	0.00141	0.0573	0.000405	0.00018	0.0000802	0.111	0.00000223	0.0000753	0.000727	0.00187	0
2038 Dec	0.0768	0.0000112	1.52	2.79	0.0501	0.0003	5.26	0.00141	0.0574	0.000405	0.00018	0.0000802	0.111	0.00000223	0.0000753	0.000727	0.00187	0
2039 Jan	0.0768	0.0000112	1.52	2.79	0.0501	0.0003	5.26	0.00141	0.0574	0.000405	0.00018	0.0000802	0.111	0.00000223	0.0000753	0.000727	0.00187	0
2039 Feb	0.0768	0.0000112	1.52	2.79	0.0501	0.0003	5.26	0.00141	0.0574	0.000405	0.00018	0.0000802	0.111	0.00000223	0.0000753	0.000727	0.00187	0
2039 Mar	0.0769	0.0000112	1.52	2.79	0.0501	0.0003	5.27	0.00141	0.0574	0.000405	0.00018	0.0000802	0.111	0.00000224	0.0000754	0.000728	0.00187	0
2039 Apr	0.077	0.0000112	1.52	2.8	0.0502	0.000301	5.28	0.00141	0.0575	0.000406	0.000181	0.0000804	0.111	0.00000224	0.0000756	0.000729	0.00188	0
2039 May	0.078	0.0000113	1.54	2.83	0.0509	0.000304	5.34	0.00143	0.0582	0.000411	0.000183	0.0000814	0.113	0.00000227	0.0000765	0.000739	0.0019	0
2039 Jun	0.0707	0.0000108	1.4	2.52	0.0447	0.000267	4.8	0.00133	0.0546	0.000358	0.000183	0.0000738	0.101	0.00000216	0.0000705	0.000684	0.00186	0
2039 Jul	0.0658	0.0000104	1.31	2.32	0.0402	0.000245	4.45	0.00125	0.052	0.000322	0.000177	0.0000685	0.0926	0.00000208	0.0000663	0.000632	0.0018	0
2039 Aug	0.0661	0.0000106	1.32	2.32	0.0395	0.000249	4.49	0.00126	0.0526	0.000317	0.000175	0.0000687	0.0928	0.00000211	0.0000669	0.000619	0.00181	0
2039 Sep	0.067	0.0000107	1.34	2.35	0.0398	0.000257	4.56	0.00128	0.0535	0.000319	0.000176	0.0000695	0.0941	0.00000215	0.0000682	0.000624	0.00183	0
2039 Oct	0.0665	0.0000107	1.33	2.33	0.0393	0.000261	4.54	0.00127	0.0534	0.000314	0.000173	0.0000689	0.0935	0.00000214	0.0000682	0.000616	0.00181	0
2039 Nov	0.0666	0.0000107	1.33	2.34	0.0394	0.000262	4.55	0.00128	0.0535	0.000314	0.000174	0.000069	0.0937	0.00000214	0.0000684	0.000617	0.00182	0
2039 Dec	0.0666	0.0000107	1.33	2.34	0.0394	0.000262	4.55	0.00128	0.0536	0.000314	0.000174	0.0000691	0.0937	0.00000214	0.0000684	0.000618	0.00182	0
2040 Jan	0.0666	0.0000107	1.33	2.34	0.0394	0.000262	4.55	0.00128	0.0536	0.000314	0.000174	0.0000691	0.0937	0.00000214	0.0000684	0.000618	0.00182	0
2040 Feb	0.0666	0.0000107	1.33	2.34	0.0394	0.000262	4.55	0.00128	0.0536	0.000314	0.000174	0.0000691	0.0937	0.00000214	0.0000684	0.000618	0.00182	0
2040 Mar	0.0667	0.0000107	1.33	2.34	0.0394	0.000262	4.55	0.00128	0.0536	0.000315	0.000174	0.0000691	0.0938	0.00000215	0.0000684	0.000618	0.00182	0
2040 Apr	0.0669	0.0000108	1.34	2.35	0.0395	0.000262	4.57	0.00128	0.0537	0.000315	0.000174	0.0000693	0.094	0.00000215	0.0000686	0.00062	0.00183	0
2040 May	0.0682	0.0000109	1.36	2.4	0.0408	0.000265	4.66	0.0013	0.0544	0.000327	0.000177	0.0000708	0.0962	0.00000217	0.0000695	0.000635	0.00185	0
2040 Jun	0.0693	0.0000104	1.37	2.48	0.0451	0.000241	4.68	0.00129	0.0524	0.000368	0.000179	0.000073	0.0989	0.00000207	0.0000667	0.000673	0.00179	0
2040 Jul	0.0705	0.0000106	1.39	2.52	0.0455	0.000244	4.75	0.00132	0.0536	0.000371	0.000184	0.0000742	0.1	0.00000213	0.0000681	0.000685	0.00185	0
2040 Aug	0.0721	0.0000109	1.42	2.57	0.0463	0.000252	4.87	0.00135	0.055	0.000377	0.000187	0.0000759	0.103	0.00000219	0.0000698	0.000696	0.00189	0
2040 Sep	0.072	0.000011	1.43	2.57	0.0459	0.000258	4.89	0.00135	0.0552	0.000373	0.000185	0.0000759	0.103	0.0000022	0.0000703	0.000689	0.00189	0
2040 Oct	0.0721	0.000011	1.43	2.57	0.0458	0.000263	4.9	0.00136	0.0555	0.000371	0.000185	0.0000759	0.103	0.00000221	0.0000708	0.000688	0.00189	0
2040 Nov	0.0722	0.0000111	1.43	2.58	0.0459	0.000264	4.92	0.00136	0.0556	0.000372	0.000185	0.0000761	0.103	0.00000221	0.000071	0.000689	0.00189	0
2040 Dec	0.0723	0.0000111	1.43	2.58	0.0459	0.000264	4.92	0.00136	0.0557	0.000372	0.000185	0.0000761	0.103	0.00000221	0.000071	0.000689	0.00189	0
2041 Jan	0.0723	0.0000111	1.43	2.58	0.0459	0.000264	4.92	0.00136	0.0557	0.000372	0.000185	0.0000761	0.103	0.00000221	0.000071	0.000689	0.00189	0
2041 Feb	0.0723	0.0000111	1.43	2.58	0.0459	0.000264	4.92	0.00136	0.0557	0.000372	0.000185	0.0000761	0.103	0.00000221	0.000071	0.000689	0.00189	0
2041 Mar	0.0723	0.0000111	1.44	2.58	0.0459	0.000264	4.92	0.00136	0.0557	0.000372	0.000185	0.0000761	0.103	0.00000221	0.000071	0.00069	0.00189	0
2041 Apr	0.0724	0.0000111	1.44	2.59	0.046	0.000264	4.93	0.00136	0.0558	0.000373	0.000186	0.0000763	0.103	0.00000222	0.0000712	0.000691	0.0019	0
2041 May	0.0732	0.0000112	1.45	2.61	0.0465	0.000267	4.98	0.00138	0.0563	0.000377	0.000187	0.0000771	0.104	0.00000224	0.0000718	0.000699	0.00191	0
2041 Jun	0.0677	0.0000108	1.35	2.38	0.0418	0.00024	4.57	0.0013	0.0536	0.000337	0.000188	0.0000713	0.0954	0.00000215	0.0000675	0.00066	0.00189	0
2041 Jul	0.0627	0.0000103	1.25	2.18	0.0376	0.000219	4.21	0.00122	0.0508	0.000301	0.000183	0.0000659	0.0874	0.00000206	0.0000633	0.000615	0.00183	0
2041 Aug	0.065	0.0000107	1.3	2.26	0.0388	0.000229	4.37	0.00127	0.0528	0.000311	0.000189	0.0000683	0.0906	0.00000214	0.0000658	0.000633	0.0019	0
2041 Sep	0.0653	0.0000108	1.31	2.27	0.0387	0.000236	4.42	0.00128	0.0533	0.00031	0.000188	0.0000688	0.0913	0.00000217	0.0000666	0.000632	0.0019	0
2041 Oct	0.0649	0.0000108	1.31	2.26	0.0382	0.000241	4.4	0.00127	0.0532	0.000304	0.000185	0.0000681	0.0908	0.00000216	0.0000667	0.000623	0.00189	0
2041 Nov	0.065	0.0000108	1.31	2.27	0.0382	0.000242	4.42	0.00127	0.0534	0.000304	0.000186	0.0000683	0.091	0.00000216	0.000067	0.000624	0.00189	0
2041 Dec	0.0651	0.0000108	1.31	2.27	0.0382	0.000242	4.42	0.00127	0.0534	0.000305	0.000186	0.0000683	0.0911	0.00000216	0.000067	0.000625	0.00189	0
2042 Jan	0.0651	0.0000108	1.31	2.27	0.0382	0.000242	4.42	0.00127	0.0534	0.000305	0.000186	0.0000683	0.0911	0.00000217	0.000067	0.000625	0.00189	0
2042 Feb	0.0651	0.0000108	1.31	2.27	0.0382	0.000242	4.42	0.00127	0.0534	0.000305	0.000186	0.0000683	0.0911	0.00000217	0.000067	0.000625	0.00189	0
2042 Mar	0.0651	0.0000108	1.31	2.27	0.0383	0.000242	4.42	0.00128	0.0535	0.000305	0.000186	0.0000684	0.0911	0.00000217	0.0000671	0.000625	0.00189	0
2042 Apr	0.0654	0.0000109	1.32	2.28	0.0384	0.000244	4.44	0.00128	0.0537	0.000306	0.000187	0.0000687	0.0915	0.00000218	0.0000674	0.000628	0.0019	0
2042 May	0.0668	0.0000111	1.34	2.33	0.0394	0.000247	4.53	0.00131	0.0546	0.000315	0.00019	0.0000701	0.0935	0.00000221	0.0000685	0.000642	0.00193	0
2042 Jun	0.0636	0.0000107	1.28	2.2	0.037	0.000229	4.29	0.00126	0.0527	0.000294	0.00019	0.0000668	0.0883	0.00000215	0.0000656	0.000621	0.00191	0
2042 Jul	0.0612	0.0000106	1.24	2.09	0.0347	0.000218	4.11	0.00122	0.0516	0.000275	0.000188	0.0000641	0.0842	0.00000211	0.0000637	0.000596	0.00189	0
2042 Aug	0.0595	0.0000104	1.21	2.04	0.0331	0.000224	4.05	0.0012	0.0506	0.000261	0.000178	0.0000628	0.0824	0.00000209	0.0000628	0.000564	0.00183	0
2042 Sep	0.0584	0.0000104	1.2	2.01	0.0321	0.000233	4.03	0.00118	0.0502	0.00025	0.000171	0.0000621	0.0815	0.00000207	0.0000626	0.000544	0.00179	0
2042 Oct	0.0577	0.0000103	1.19	1.99	0.0314	0.000238	4.01	0.00117	0.05	0.000244	0.000167	0.0000611	0.0807	0.00000206	0.0000626	0.000533	0.00177	0
2042 Nov	0.0579	0.0000103	1.2	2	0.0314	0.000239	4.02	0.00117	0.0501	0.000244	0.000167	0.0000613	0.0809	0.00000206	0.0000628	0.000534	0.00177	0
2042 Dec	0.0579	0.0000103	1.2	2	0.0315	0.000239	4.02	0.00117	0.0501	0.000244	0.000167	0.0000613	0.0809	0.00000206	0.0000629	0.000534	0.00177	0
2043 Jan	0.0579	0.0000103	1.2	2	0.0315	0.000239	4.02	0.00117	0.0501	0.000244	0.000167	0.0000613	0.0809	0.00000206	0.0000629	0.000534	0.00177	0
2043 Feb	0.0579	0.0000103	1.2	2	0.0315	0.000239	4.02	0.00117	0.0501	0.000244	0.000167	0.0000613	0.0809	0.00000206	0.0000629	0.000534	0.00177	0
2043 Mar	0.0579	0.0000103	1.2	2	0.0315	0.00024	4.02	0.00117	0.0501	0.000244	0.000167	0.0000613	0.081	0.00000206	0.0000629	0.000534	0.00177	0
2043 Apr	0.0582	0.0000104	1.2	2.01	0.0316	0.000241	4.04	0.00118	0.0504	0.000245	0.000168	0.0000616	0.0813	0.00000207	0.0000631	0.000536	0.00178	0
2043 May	0.0596	0.0000105	1.23	2.07	0.0328	0.000244	4.14	0.0012	0.0513	0.000256	0.000172	0.0000632	0.0835	0.00000211	0.0000643	0.000552	0.00181	0
2043 Jun	0.0623	0.0000102	1.26	2.2	0.038	0.000228	4.26	0.00122	0.0503	0.000304	0.000175	0.0000666	0.0883	0.00000204	0.000063	0.000602	0.00178	0
2043 Jul	0.0644	0.0000106	1.3	2.26	0.0389	0.000235	4.4	0.00126	0.0523	0.000311	0.000182	0.0000687	0.091	0.00000213	0.0000653	0.000621	0.00186	0
2043 Aug	0.0665	0.000011	1.35	2.34	0.04	0.000247	4.56	0.00131	0.0542	0.000319	0.000187	0.0000712	0.0943	0.00000221	0.0000679	0.000637	0.00192	0
2043 Sep	0.0665	0.0000111	1.36	2.35	0.0398	0.000253	4.58	0.00131	0.0544	0.000316	0.000186	0.0000713	0.0945	0.00000222	0.0000683	0.000632	0.00192	0
2043 Oct	0.0657	0.000011	1.35	2.32	0.0388	0.00026	4.56	0.0013	0.0543	0.000307	0.000181	0.0000703	0.0936	0.00000221	0.0000685	0.000619	0.00189	0
2043 Nov	0.0651	0.000011	1.34	2.3	0.0381	0.000266	4.54	0.00129	0.0542	0.000301	0.000177	0.0000694	0.0929	0.00000219	0.0000686	0.000608	0.00187	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0652	0.000011	1.34	2.31	0.0381	0.000266	4.54	0.00129	0.0542	0.000301	0.000177	0.0000694	0.0929	0.00000219	0.0000687	0.000608	0.00187	0
2044 Jan	0.0652	0.000011	1.34	2.31	0.0381	0.000266	4.55	0.00129	0.0542	0.000301	0.000177	0.0000695	0.093	0.00000219	0.000069	0.000608	0.00187	0
2044 Feb	0.0652	0.000011	1.34	2.31	0.0382	0.000266	4.56	0.00129	0.0542	0.000301	0.000177	0.0000696	0.0931	0.0000022	0.0000693	0.000609	0.00187	0
2044 Mar	0.0653	0.000011	1.34	2.31	0.0382	0.000267	4.56	0.00129	0.0543	0.000301	0.000177	0.0000696	0.0931	0.0000022	0.0000694	0.000609	0.00187	0
2044 Apr	0.0654	0.000011	1.34	2.32	0.0383	0.000267	4.57	0.0013	0.0544	0.000302	0.000178	0.0000697	0.0933	0.0000022	0.0000695	0.000611	0.00187	0
2044 May	0.0663	0.0000112	1.37	2.37	0.0389	0.000273	4.67	0.00132	0.0551	0.000306	0.000181	0.000071	0.095	0.00000223	0.0000725	0.00062	0.0019	0
2044 Jun	0.0604	0.0000108	1.48	2.81	0.0367	0.000308	5.89	0.00165	0.0509	0.000274	0.000203	0.0000756	0.098	0.00000212	0.000152	0.000597	0.00186	0
2044 Jul	0.0606	0.0000114	1.75	3.57	0.0383	0.00039	7.76	0.00213	0.0516	0.00027	0.000233	0.0000879	0.112	0.00000219	0.000246	0.000615	0.00193	0
2044 Aug	0.0636	0.0000124	2.07	4.4	0.0419	0.000484	9.77	0.00264	0.0542	0.000282	0.000265	0.000103	0.13	0.00000233	0.000339	0.000652	0.00205	0
2044 Sep	0.0613	0.0000129	2.61	6	0.0443	0.000676	13.8	0.00362	0.0526	0.000264	0.000304	0.000127	0.158	0.00000234	0.000543	0.00064	0.00201	0
2044 Oct	0.0603	0.0000135	3.02	7.22	0.0466	0.000821	16.8	0.00436	0.052	0.000255	0.000336	0.000145	0.18	0.00000237	0.000697	0.000642	0.002	0
2044 Nov	0.0602	0.0000136	3.13	7.52	0.0473	0.000856	17.5	0.00455	0.052	0.000253	0.000345	0.00015	0.186	0.00000238	0.000735	0.000644	0.002	0
2044 Dec	0.0602	0.0000136	3.15	7.58	0.0475	0.000863	17.7	0.00459	0.052	0.000253	0.000347	0.000151	0.187	0.00000238	0.000742	0.000645	0.002	0
2045 Jan	0.0602	0.0000137	3.15	7.59	0.0475	0.000865	17.7	0.00459	0.052	0.000253	0.000347	0.000151	0.187	0.00000238	0.000744	0.000645	0.002	0
2045 Feb	0.0602	0.0000137	3.15	7.6	0.0475	0.000865	17.7	0.0046	0.052	0.000253	0.000347	0.000151	0.187	0.00000238	0.000744	0.000645	0.002	0
2045 Mar	0.0602	0.0000137	3.16	7.6	0.0475	0.000865	17.7	0.0046	0.052	0.000254	0.000347	0.000151	0.188	0.00000238	0.000744	0.000646	0.002	0
2045 Apr	0.0603	0.0000137	3.16	7.61	0.0476	0.000867	17.8	0.00461	0.0521	0.000254	0.000348	0.000152	0.188	0.00000239	0.000746	0.000647	0.002	0
2045 May	0.0611	0.0000139	3.2	7.71	0.0482	0.000878	18	0.00466	0.0528	0.000257	0.000352	0.000154	0.19	0.00000242	0.000755	0.000655	0.00203	0
2045 Jun	0.0562	0.0000155	4.55	11.7	0.0556	0.00131	26.4	0.00715	0.0491	0.000227	0.000483	0.000215	0.26	0.00000248	0.00127	0.000685	0.0021	0
2045 Jul	0.0554	0.000016	4.83	12.5	0.0568	0.00139	28	0.00767	0.049	0.000218	0.000515	0.000227	0.274	0.00000253	0.00137	0.000697	0.00216	0
2045 Aug	0.0571	0.0000169	5.21	13.6	0.0602	0.00151	30.3	0.00832	0.0504	0.000223	0.000551	0.000245	0.295	0.00000264	0.0015	0.000724	0.00223	0
2045 Sep	0.0567	0.0000173	5.51	14.4	0.0622	0.00162	32.2	0.00886	0.0502	0.000219	0.000575	0.000259	0.312	0.00000267	0.00161	0.000728	0.00224	0
2045 Oct	0.0568	0.0000178	5.82	15.3	0.0645	0.00172	34.2	0.0094	0.0503	0.000219	0.000602	0.000273	0.328	0.00000271	0.00172	0.00074	0.00226	0
2045 Nov	0.0569	0.0000179	5.9	15.5	0.0651	0.00174	34.6	0.00953	0.0503	0.000219	0.000608	0.000277	0.332	0.00000272	0.00174	0.000744	0.00227	0
2045 Dec	0.0569	0.000018	5.93	15.6	0.0653	0.00175	34.8	0.00958	0.0503	0.000219	0.000611	0.000278	0.334	0.00000272	0.00175	0.000746	0.00227	0
2046 Jan	0.0569	0.000018	5.93	15.6	0.0654	0.00175	34.8	0.00959	0.0503	0.000219	0.000612	0.000278	0.334	0.00000272	0.00175	0.000746	0.00227	0
2046 Feb	0.0569	0.000018	5.93	15.6	0.0654	0.00175	34.8	0.00959	0.0503	0.000219	0.000612	0.000278	0.334	0.00000273	0.00175	0.000746	0.00227	0
2046 Mar	0.057	0.000018	5.94	15.7	0.0655	0.00176	34.9	0.0096	0.0504	0.000219	0.000612	0.000278	0.335	0.00000273	0.00176	0.000747	0.00227	0
2046 Apr	0.0572	0.0000181	5.97	15.7	0.0658	0.00176	35	0.00965	0.0506	0.00022	0.000615	0.00028	0.336	0.00000274	0.00176	0.00075	0.00228	0
2046 May	0.0581	0.0000184	6.08	16.1	0.0671	0.0018	35.7	0.00984	0.0512	0.000224	0.000627	0.000285	0.343	0.00000278	0.0018	0.000763	0.00231	0
2046 Jun	0.0531	0.0000172	5.66	14.9	0.0613	0.00166	32.4	0.00919	0.0477	0.000198	0.000597	0.000265	0.317	0.00000261	0.00168	0.00072	0.00223	0
2046 Jul	0.0499	0.0000159	4.96	12.9	0.0539	0.00144	28	0.00802	0.0459	0.000178	0.000539	0.000232	0.278	0.00000247	0.00145	0.000669	0.00215	0
2046 Aug	0.0513	0.0000169	5.4	14.2	0.0577	0.00158	30.4	0.00878	0.0471	0.000182	0.00058	0.000253	0.302	0.00000258	0.0016	0.000696	0.00223	0
2046 Sep	0.05	0.0000175	5.95	15.8	0.0611	0.00177	33.4	0.00976	0.046	0.000173	0.00062	0.000278	0.332	0.0000026	0.00181	0.000695	0.0022	0
2046 Oct	0.0491	0.0000181	6.43	17.2	0.064	0.00194	35.9	0.0106	0.0453	0.000166	0.000656	0.000299	0.357	0.00000262	0.00198	0.000698	0.00218	0
2046 Nov	0.049	0.0000185	6.7	18	0.0661	0.00203	37.4	0.0111	0.0452	0.000165	0.00068	0.000312	0.372	0.00000265	0.00208	0.000707	0.00219	0
2046 Dec	0.049	0.0000185	6.75	18.1	0.0664	0.00204	37.6	0.0112	0.0452	0.000165	0.000684	0.000314	0.375	0.00000266	0.0021	0.000709	0.00219	0
2047 Jan	0.049	0.0000185	6.76	18.2	0.0665	0.00204	37.7	0.0112	0.0452	0.000165	0.000684	0.000314	0.375	0.00000266	0.0021	0.00071	0.00219	0
2047 Feb	0.049	0.0000185	6.76	18.2	0.0665	0.00204	37.7	0.0112	0.0452	0.000165	0.000684	0.000314	0.375	0.00000266	0.0021	0.00071	0.00219	0
2047 Mar	0.0491	0.0000186	6.77	18.2	0.0666	0.00205	37.7	0.0112	0.0452	0.000165	0.000685	0.000315	0.376	0.00000266	0.0021	0.000711	0.00219	0
2047 Apr	0.0492	0.0000186	6.78	18.2	0.0668	0.00205	37.8	0.0112	0.0453	0.000165	0.000687	0.000316	0.376	0.00000267	0.00211	0.000712	0.0022	0
2047 May	0.0512	0.0000188	6.91	18.6	0.0698	0.00208	38.2	0.0114	0.0458	0.000187	0.000697	0.000322	0.384	0.00000269	0.00214	0.00074	0.00221	0
2047 Jun	0.0588	0.0000176	6.43	17.2	0.0769	0.00188	34.4	0.0104	0.0457	0.000293	0.000649	0.000304	0.366	0.00000255	0.00193	0.000819	0.00213	0
2047 Jul	0.0611	0.0000185	6.83	18.4	0.0808	0.002	36.4	0.0111	0.0476	0.000302	0.000689	0.000323	0.389	0.00000268	0.00206	0.000857	0.00223	0
2047 Aug	0.0633	0.0000197	7.36	19.8	0.0857	0.00216	39	0.012	0.0493	0.000311	0.000738	0.000347	0.418	0.00000281	0.00223	0.000896	0.00233	0
2047 Sep	0.0619	0.0000203	7.85	21.3	0.0883	0.00233	41.2	0.0129	0.0485	0.000299	0.000777	0.00037	0.444	0.00000285	0.00241	0.000896	0.00232	0
2047 Oct	0.0603	0.0000208	8.31	22.6	0.0905	0.0025	43.3	0.0137	0.0475	0.000285	0.000812	0.00039	0.468	0.00000286	0.00259	0.000891	0.0023	0
2047 Nov	0.0599	0.0000211	8.48	23.1	0.0914	0.00256	44	0.014	0.0473	0.000281	0.000825	0.000397	0.477	0.00000287	0.00265	0.000892	0.0023	0
2047 Dec	0.0599	0.0000211	8.52	23.2	0.0917	0.00257	44.2	0.0141	0.0473	0.000281	0.000829	0.000399	0.479	0.00000288	0.00266	0.000894	0.0023	0
2048 Jan	0.0599	0.0000211	8.53	23.3	0.0918	0.00257	44.3	0.0141	0.0473	0.000281	0.00083	0.0004	0.48	0.00000288	0.00267	0.000894	0.0023	0
2048 Feb	0.06	0.0000211	8.53	23.3	0.0919	0.00257	44.3	0.0141	0.0474	0.000281	0.00083	0.0004	0.48	0.00000288	0.00267	0.000895	0.0023	0
2048 Mar	0.06	0.0000211	8.53	23.3	0.0919	0.00257	44.3	0.0141	0.0474	0.000282	0.00083	0.0004	0.48	0.00000288	0.00267	0.000895	0.0023	0
2048 Apr	0.0602	0.0000212	8.56	23.3	0.0922	0.00258	44.4	0.0142	0.0475	0.000283	0.000833	0.000401	0.481	0.00000289	0.00268	0.000898	0.00231	0
2048 May	0.061	0.0000215	8.68	23.7	0.0935	0.00262	45.1	0.0144	0.0482	0.000287	0.000845	0.000407	0.488	0.00000293	0.00272	0.000911	0.00234	0
2048 Jun	0.0556	0.0000189	7.12	19.2	0.0775	0.00212	36.5	0.0117	0.0459	0.000246	0.000717	0.000334	0.4	0.00000268	0.00219	0.000812	0.00223	0
2048 Jul	0.0526	0.0000174	6.18	16.5	0.0676	0.00182	31.3	0.0101	0.045	0.000219	0.000641	0.00029	0.347	0.00000255	0.00188	0.000752	0.00217	0
2048 Aug	0.0528	0.0000184	6.75	18.2	0.0716	0.00201	33.6	0.0111	0.0453	0.000217	0.000688	0.000316	0.378	0.00000264	0.00208	0.000767	0.00221	0
2048 Sep	0.0521	0.0000192	7.32	19.8	0.0754	0.0022	35.8	0.0121	0.0447	0.000209	0.000734	0.000342	0.408	0.00000269	0.00228	0.000775	0.00222	0
2048 Oct	0.0513	0.0000197	7.74	21	0.078	0.00234	37.4	0.0129	0.0442	0.000203	0.000767	0.000361	0.431	0.00000272	0.00244	0.00078	0.00221	0
2048 Nov	0.0512	0.0000199	7.88	21.4	0.0788	0.00239	37.9	0.0131	0.0442	0.000201	0.000778	0.000367	0.438	0.00000273	0.00248	0.000783	0.00221	0
2048 Dec	0.0512	0.00002	7.89	21.5	0.0789	0.0024	38	0.0131	0.0442	0.000201	0.000779	0.000368	0.439	0.00000274	0.00249	0.000783	0.00221	0
2049 Jan	0.0513	0.00002	7.89	21.5	0.0789	0.0024	38	0.0131	0.0442	0.000201	0.000779	0.000368	0.439	0.00000274	0.00249	0.000783	0.00221	0
2049 Feb	0.0513	0.00002	7.89	21.5	0.0789	0.0024	38	0.0131	0.0442	0.000201	0.000779	0.000368	0.439	0.00000274	0.00249	0.000783	0.00221	0
2049 Mar	0.0513	0.00002	7.89	21.5	0.079	0.0024	38	0.0132	0.0442	0.000201	0.000779	0.000368	0.439	0.00000274	0.00249	0.000784	0.00222	0
2049 Apr	0.0515	0.00002	7.92	21.6	0.0793	0.0024	38.1	0.0132	0.0444	0.000202	0.000782	0.000369	0.441	0.00000275	0.0025	0.000786	0.00222	0
2049 May	0.0523	0.0000203	8.03	21.9	0.0805	0.00244	38.6	0.0134	0.045	0.000206	0.000793	0.000374	0.447	0.00000279	0.00253	0.000798	0.00225	0
2049 Jun	0.0486	0.0000178	6.5	17.5	0.0665	0.00194	30.8	0.0107	0.0433	0.000183	0.000667	0.000303	0.362	0.00000254	0.00201	0.000721	0.00215	0
2049 Jul	0.0474	0.0000173	6.23	16.7	0.0633	0.00185	28.9	0.0103	0.0428	0.000173	0.000647	0.000291	0.346	0.0000025	0.00192	0.000702	0.00214	0
2049 Aug	0.0497	0.0000186	6.79	18.3	0.0683	0.00203	31.2	0.0113	0.0448	0.00018	0.0007	0.000317	0.377	0.00000266	0.00211	0.000743	0.00225	0
2049 Sep	0.049	0.0000192	7.28	19.7	0.0715	0.0022	32.8	0.0121	0.0443	0.000174	0.000738	0.000339	0.403	0.0000027	0.00229	0.000748	0.00225	0
2049 Oct	0.0483	0.0000197	7.65	20.8	0.0737	0.00233	34	0.0128	0.0438	0.000168	0.000765	0.000356	0.423	0.00000271	0.00242	0.000749	0.00223	0
2049 Nov	0.0482	0.0000202	7.99	21.8	0.0762	0.00244	35.2	0.0134	0.0436	0.000167	0.000794	0.000371	0.442	0.00000275	0.00254	0.00076	0.00224	0
2049 Dec	0.0482	0.0000202	8.03	21.9	0.0765	0.00245	35.3	0.0135	0.0436	0.000167	0.000798	0.000373	0.444	0.00000275	0.00256	0.000762	0.00224	0
2050 Jan	0.0482	0.0000202	8.03	21.9	0.0766	0.00245	35.3	0.0135	0.0436	0.000167	0.000798	0.000373	0.444	0.00000275	0.00256	0.000762	0.00224	0
2050 Feb	0.0482	0.0000202	8.03	21.9	0.0766	0.00245	35.3	0.0135	0.0436	0.000167	0.000798	0.000373	0.444	0.00000275	0.00256	0.000762	0.00224	0
2050 Mar	0.0482	0.0000202	8.03	21.9	0.0766	0.00245	35.3	0.0135	0.0436	0.000167	0.000798	0.000373	0.444	0.00000275	0.00256	0.000763	0.00224	0
2050 Apr	0.0483	0.0000203	8.05	22	0.0768	0.00246	35.4	0.0135	0.0437	0.000167	0.0008	0.000374	0.445	0.00000276	0.00256	0.000765	0.00225	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.0489	0.0000205	8.15	22.2	0.0778	0.00249	35.8	0.0137	0.0442	0.00017	0.000809	0.000378	0.45	0.00000279	0.00259	0.000774	0.00227	0
2050 Jun	0.0482	0.0000185	6.9	18.6	0.0687	0.00208	30	0.0115	0.0435	0.000174	0.000705	0.000321	0.383	0.00000261	0.00216	0.000733	0.00219	0
2050 Jul	0.0466	0.0000176	6.39	17.2	0.0636	0.00191	27.4	0.0106	0.0426	0.000163	0.000661	0.000298	0.354	0.00000252	0.00199	0.000696	0.00213	0
2050 Aug	0.0479	0.0000185	6.85	18.5	0.0673	0.00206	29	0.0114	0.0436	0.000167	0.000702	0.000319	0.379	0.00000262	0.00214	0.000721	0.0022	0
2050 Sep	0.0477	0.0000191	7.22	19.6	0.07	0.00218	30.1	0.0121	0.0436	0.000164	0.000732	0.000336	0.399	0.00000266	0.00227	0.00073	0.00221	0
2050 Oct	0.048	0.0000195	7.51	20.4	0.0722	0.00227	31	0.0126	0.0437	0.000164	0.000757	0.000349	0.415	0.00000271	0.00237	0.000743	0.00224	0
2050 Nov	0.0481	0.0000198	7.68	20.9	0.0735	0.00233	31.6	0.0129	0.0438	0.000165	0.000773	0.000357	0.424	0.00000273	0.00243	0.00075	0.00225	0
2050 Dec	0.0481	0.0000198	7.7	20.9	0.0737	0.00234	31.7	0.0129	0.0438	0.000165	0.000775	0.000358	0.425	0.00000273	0.00244	0.000752	0.00226	0
2051 Jan	0.0481	0.0000198	7.72	21	0.0738	0.00234	31.7	0.0129	0.0438	0.000165	0.000776	0.000358	0.426	0.00000273	0.00245	0.000752	0.00226	0
2051 Feb	0.0481	0.0000198	7.72	21	0.0738	0.00234	31.7	0.0129	0.0438	0.000165	0.000776	0.000359	0.426	0.00000273	0.00245	0.000752	0.00226	0
2051 Mar	0.0481	0.0000199	7.72	21	0.0739	0.00234	31.7	0.0129	0.0438	0.000165	0.000776	0.000359	0.426	0.00000274	0.00245	0.000753	0.00226	0
2051 Apr	0.0483	0.0000199	7.75	21.1	0.0741	0.00235	31.8	0.013	0.0439	0.000166	0.000779	0.00036	0.428	0.00000275	0.00246	0.000755	0.00227	0
2051 May	0.0494	0.0000206	8.13	22.2	0.0779	0.00247	32.9	0.0136	0.0443	0.000174	0.000814	0.000378	0.449	0.00000281	0.00259	0.000782	0.00231	0
2051 Jun	0.0507	0.0000191	7.57	20.6	0.0785	0.00226	28.4	0.0126	0.0419	0.000221	0.000764	0.000354	0.422	0.00000261	0.00238	0.000801	0.00219	0
2051 Jul	0.0503	0.000019	7.44	20.2	0.0767	0.00222	27.6	0.0124	0.0422	0.000214	0.000757	0.000348	0.414	0.00000261	0.00234	0.000793	0.00221	0
2051 Aug	0.0503	0.0000195	7.69	20.9	0.0782	0.00231	28.2	0.0128	0.0424	0.00021	0.000774	0.00036	0.428	0.00000267	0.00243	0.000791	0.00222	0
2051 Sep	0.0495	0.0000196	7.82	21.3	0.0782	0.00236	28.3	0.0131	0.0421	0.0002	0.000778	0.000365	0.435	0.00000266	0.00248	0.000776	0.00218	0
2051 Oct	0.0473	0.0000191	7.7	21	0.0752	0.00236	27.3	0.0129	0.0415	0.000177	0.000751	0.000358	0.428	0.00000259	0.00245	0.000729	0.00206	0
2051 Nov	0.0473	0.0000193	7.86	21.5	0.0762	0.00241	27.7	0.0131	0.0415	0.000175	0.000763	0.000365	0.436	0.00000261	0.0025	0.000732	0.00206	0
2051 Dec	0.0473	0.0000194	7.9	21.6	0.0765	0.00243	27.9	0.0132	0.0415	0.000175	0.000767	0.000367	0.439	0.00000261	0.00252	0.000734	0.00206	0
2052 Jan	0.0473	0.0000194	7.9	21.6	0.0766	0.00243	27.9	0.0132	0.0415	0.000175	0.000768	0.000367	0.439	0.00000261	0.00252	0.000734	0.00206	0
2052 Feb	0.0473	0.0000194	7.91	21.6	0.0766	0.00243	27.9	0.0132	0.0415	0.000175	0.000768	0.000367	0.439	0.00000261	0.00252	0.000734	0.00206	0
2052 Mar	0.0473	0.0000194	7.91	21.6	0.0767	0.00243	27.9	0.0132	0.0415	0.000175	0.000768	0.000367	0.439	0.00000261	0.00252	0.000735	0.00207	0
2052 Apr	0.0474	0.0000195	7.93	21.7	0.0768	0.00244	28	0.0133	0.0416	0.000176	0.00077	0.000368	0.44	0.00000262	0.00253	0.000736	0.00207	0
2052 May	0.0491	0.0000195	7.91	21.6	0.0784	0.00242	27.9	0.0132	0.0422	0.000192	0.000769	0.000368	0.44	0.00000263	0.00251	0.000755	0.00208	0
2052 Jun	0.0534	0.0000185	7.28	19.8	0.0787	0.00219	25.4	0.012	0.0431	0.000244	0.000715	0.000341	0.41	0.00000256	0.00226	0.000786	0.00207	0
2052 Jul	0.0538	0.0000191	7.57	20.6	0.0803	0.00228	26	0.0125	0.0437	0.00024	0.00074	0.000354	0.425	0.00000263	0.00237	0.00079	0.0021	0
2052 Aug	0.0545	0.0000198	7.93	21.6	0.083	0.0024	26.8	0.0132	0.0443	0.000241	0.000771	0.000371	0.444	0.0000027	0.00249	0.000803	0.00214	0
2052 Sep	0.054	0.0000202	8.22	22.4	0.0846	0.0025	27.4	0.0137	0.0441	0.000234	0.000793	0.000384	0.46	0.00000273	0.00259	0.000804	0.00214	0
2052 Oct	0.0536	0.0000208	8.63	23.6	0.0874	0.00264	28.4	0.0144	0.0439	0.00023	0.000828	0.000402	0.482	0.00000278	0.00274	0.000815	0.00216	0
2052 Nov	0.0537	0.000021	8.74	24	0.0883	0.00267	28.7	0.0146	0.0439	0.000231	0.000838	0.000408	0.488	0.00000279	0.00278	0.00082	0.00217	0
2052 Dec	0.0537	0.0000211	8.8	24.1	0.0887	0.00269	28.8	0.0147	0.0439	0.000231	0.000843	0.00041	0.491	0.0000028	0.0028	0.000823	0.00217	0
2053 Jan	0.0537	0.0000211	8.81	24.2	0.0888	0.00269	28.8	0.0147	0.0439	0.000231	0.000844	0.000411	0.492	0.0000028	0.00281	0.000823	0.00217	0
2053 Feb	0.0538	0.0000211	8.82	24.2	0.0889	0.0027	28.8	0.0147	0.0439	0.000231	0.000845	0.000411	0.492	0.0000028	0.00281	0.000824	0.00218	0
2053 Mar	0.0538	0.0000211	8.83	24.2	0.089	0.0027	28.9	0.0148	0.044	0.000231	0.000846	0.000411	0.492	0.0000028	0.00281	0.000825	0.00218	0
2053 Apr	0.054	0.0000212	8.86	24.3	0.0893	0.00271	29	0.0148	0.0441	0.000232	0.000849	0.000413	0.494	0.00000282	0.00282	0.000828	0.00219	0
2053 May	0.0573	0.0000223	9.62	26.5	0.0993	0.00294	30.2	0.0161	0.0442	0.000272	0.000917	0.00045	0.538	0.00000289	0.00308	0.000901	0.00224	0
2053 Jun	0.0615	0.0000202	8.61	23.6	0.0988	0.00257	26.2	0.0142	0.0432	0.000344	0.000826	0.000406	0.488	0.00000268	0.00269	0.000929	0.00212	0
2053 Jul	0.0626	0.000021	8.96	24.6	0.102	0.00268	27	0.0149	0.0443	0.000347	0.000861	0.000422	0.507	0.00000277	0.00281	0.000954	0.0022	0
2053 Aug	0.0646	0.0000226	9.85	27.1	0.109	0.00296	29.2	0.0164	0.0457	0.000356	0.000941	0.000463	0.556	0.00000294	0.00312	0.00101	0.00232	0
2053 Sep	0.0654	0.0000246	11.1	30.8	0.119	0.00336	32.1	0.0186	0.0459	0.000359	0.00106	0.000522	0.624	0.00000312	0.00356	0.00107	0.00243	0
2053 Oct	0.0652	0.0000257	11.8	32.9	0.125	0.0036	33.7	0.0199	0.0456	0.000356	0.00112	0.000555	0.663	0.0000032	0.00382	0.00109	0.00248	0
2053 Nov	0.065	0.0000258	11.9	33.1	0.125	0.00363	33.9	0.0201	0.0455	0.000354	0.00113	0.000559	0.668	0.00000321	0.00386	0.00109	0.00248	0
2053 Dec	0.065	0.0000259	12	33.2	0.125	0.00364	34	0.0201	0.0455	0.000354	0.00113	0.00056	0.67	0.00000321	0.00387	0.00109	0.00248	0
2054 Jan	0.065	0.0000259	12	33.2	0.125	0.00364	34	0.0201	0.0455	0.000354	0.00113	0.000561	0.67	0.00000321	0.00387	0.0011	0.00248	0
2054 Feb	0.065	0.0000259	12	33.3	0.125	0.00364	34	0.0201	0.0455	0.000354	0.00113	0.000561	0.67	0.00000322	0.00387	0.0011	0.00248	0
2054 Mar	0.065	0.0000259	12	33.3	0.125	0.00364	34	0.0201	0.0455	0.000354	0.00113	0.000561	0.67	0.00000322	0.00387	0.0011	0.00248	0
2054 Apr	0.0652	0.000026	12	33.4	0.126	0.00365	34.1	0.0202	0.0456	0.000355	0.00114	0.000563	0.673	0.00000323	0.00388	0.0011	0.00249	0
2054 May	0.0666	0.0000261	12	33.4	0.127	0.00366	34.2	0.0202	0.0463	0.000367	0.00114	0.000564	0.675	0.00000325	0.00389	0.00111	0.00251	0
2054 Jun	0.0666	0.0000225	9.9	27.3	0.113	0.00295	28	0.0164	0.0452	0.00039	0.000949	0.000467	0.561	0.00000291	0.00312	0.00105	0.00232	0
2054 Jul	0.0646	0.0000222	9.67	26.6	0.109	0.00288	27	0.0161	0.0447	0.000368	0.000931	0.000456	0.546	0.00000288	0.00305	0.00101	0.0023	0
2054 Aug	0.0643	0.0000227	9.98	27.5	0.111	0.00299	27.5	0.0166	0.0448	0.00036	0.000956	0.00047	0.563	0.00000294	0.00317	0.00101	0.00232	0
2054 Sep	0.0636	0.0000231	10.2	28.2	0.112	0.00307	27.8	0.017	0.0447	0.000351	0.000972	0.00048	0.574	0.00000297	0.00325	0.00101	0.00232	0
2054 Oct	0.0627	0.0000231	10.2	28.3	0.111	0.00309	27.6	0.0171	0.0444	0.000341	0.000972	0.000481	0.576	0.00000296	0.00326	0.000997	0.0023	0
2054 Nov	0.0623	0.0000231	10.2	28.3	0.111	0.0031	27.6	0.0171	0.0444	0.000337	0.000971	0.000481	0.576	0.00000296	0.00327	0.000991	0.00229	0
2054 Dec	0.0623	0.0000232	10.3	28.5	0.111	0.00312	27.7	0.0172	0.0443	0.000337	0.000977	0.000484	0.579	0.00000296	0.00329	0.000994	0.00229	0
2055 Jan	0.0623	0.0000232	10.3	28.5	0.111	0.00312	27.7	0.0172	0.0443	0.000337	0.000977	0.000484	0.58	0.00000296	0.00329	0.000994	0.00229	0
2055 Feb	0.0623	0.0000232	10.3	28.5	0.111	0.00312	27.7	0.0172	0.0443	0.000337	0.000977	0.000484	0.58	0.00000296	0.00329	0.000994	0.00229	0
2055 Mar	0.0624	0.0000232	10.3	28.5	0.111	0.00312	27.7	0.0172	0.0444	0.000337	0.000978	0.000484	0.58	0.00000296	0.00329	0.000995	0.0023	0
2055 Apr	0.0626	0.0000232	10.3	28.6	0.111	0.00313	27.8	0.0173	0.0445	0.000338	0.00098	0.000486	0.582	0.00000297	0.0033	0.000997	0.0023	0
2055 May	0.0633	0.0000235	10.5	28.9	0.113	0.00317	28.1	0.0175	0.045	0.000342	0.000992	0.000492	0.589	0.00000301	0.00334	0.00101	0.00233	0
2055 Jun	0.0562	0.0000208	8.77	24.1	0.0935	0.00263	22.9	0.0146	0.0428	0.000279	0.000857	0.000411	0.491	0.00000276	0.00278	0.000892	0.00223	0
2055 Jul	0.0549	0.00002	8.15	22.3	0.087	0.00244	21.2	0.0136	0.0431	0.000262	0.000809	0.000382	0.457	0.0000027	0.00257	0.000858	0.00223	0
2055 Aug	0.0564	0.0000208	8.53	23.3	0.0904	0.00255	22	0.0142	0.0443	0.000268	0.000843	0.0004	0.477	0.0000028	0.00269	0.000883	0.0023	0
2055 Sep	0.0559	0.0000212	8.75	24	0.0914	0.00263	22.3	0.0146	0.0442	0.000261	0.000859	0.00041	0.489	0.00000283	0.00277	0.00088	0.00229	0
2055 Oct	0.056	0.0000215	8.98	24.6	0.0931	0.00271	22.6	0.015	0.0442	0.00026	0.000879	0.00042	0.502	0.00000286	0.00285	0.000888	0.00231	0
2055 Nov	0.056	0.0000218	9.15	25.1	0.0944	0.00276	22.9	0.0153	0.0442	0.00026	0.000894	0.000428	0.511	0.00000288	0.00291	0.000895	0.00232	0
2055 Dec	0.0559	0.0000219	9.22	25.3	0.0949	0.00279	23	0.0154	0.0441	0.000259	0.0009	0.000431	0.514	0.00000289	0.00294	0.000897	0.00232	0
2056 Jan	0.0559	0.0000219	9.23	25.3	0.0949	0.00279	23	0.0154	0.0442	0.000259	0.0009	0.000432	0.515	0.00000289	0.00294	0.000897	0.00232	0
2056 Feb	0.056	0.0000219	9.23	25.3	0.0949	0.00279	23	0.0154	0.0442	0.000259	0.0009	0.000432	0.515	0.00000289	0.00294	0.000898	0.00232	0
2056 Mar	0.056	0.0000219	9.23	25.3	0.095	0.00279	23	0.0155	0.0442	0.00026	0.000901	0.000432	0.515	0.00000289	0.00294	0.000898	0.00232	0
2056 Apr	0.0562	0.000022	9.26	25.4	0.0953	0.0028	23.1	0.0155	0.0443	0.000261	0.000904	0.000433	0.517	0.0000029	0.00295	0.000901	0.00233	0
2056 May	0.0591	0.0000217	9.06	24.8	0.0968	0.00272	22.7	0.0151	0.0452	0.000291	0.000885	0.000425	0.508	0.00000289	0.00286	0.000925	0.00233	0
2056 Jun	0.0646	0.0000188	7.48	20.3	0.093	0.00218	19	0.0122	0.0452	0.000373	0.000738	0.000355	0.428	0.00000262	0.00227	0.000934	0.00216	0
2056 Jul	0.0663	0.0000197	7.89	21.4	0.0966	0.0023	19.7	0.0129	0.0466	0.000379	0.000778	0.000375	0.451	0.00000273	0.00241	0.000965	0.00225	0
2056 Aug	0.0667	0.0000204	8.26	22.5	0.0991	0.00242	20.2	0.0135	0.0471	0.000376	0.000808	0.000391	0.471	0.00000281	0.00254	0.000973	0.00228	0
2056 Sep	0.0674	0.0000213	8.75	23.9	0.103	0.00258	21.1	0.0144	0.0477	0.000378	0.000852	0.000414	0.497	0.00000289	0.00271	0.000998	0.00234	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0659	0.0000217	9.08	24.9	0.104	0.0027	21.3	0.015	0.0469	0.000364	0.000878	0.000429	0.515	0.0000029	0.00284	0.000991	0.00232	0
2056 Nov	0.0655	0.0000219	9.22	25.3	0.105	0.00275	21.5	0.0153	0.0467	0.00036	0.000889	0.000435	0.522	0.00000291	0.00289	0.000992	0.00232	0
2056 Dec	0.0655	0.0000219	9.27	25.4	0.105	0.00277	21.5	0.0154	0.0467	0.00036	0.000894	0.000437	0.525	0.00000292	0.0029	0.000994	0.00232	0
2057 Jan	0.0655	0.0000219	9.27	25.4	0.105	0.00277	21.6	0.0154	0.0467	0.00036	0.000894	0.000437	0.525	0.00000292	0.0029	0.000994	0.00232	0
2057 Feb	0.0655	0.0000219	9.27	25.4	0.105	0.00277	21.6	0.0154	0.0467	0.00036	0.000894	0.000437	0.525	0.00000292	0.0029	0.000994	0.00232	0
2057 Mar	0.0656	0.0000219	9.28	25.5	0.105	0.00277	21.6	0.0154	0.0468	0.00036	0.000895	0.000438	0.525	0.00000292	0.00291	0.000995	0.00233	0
2057 Apr	0.0658	0.000022	9.31	25.5	0.106	0.00278	21.6	0.0154	0.0469	0.000362	0.000898	0.000439	0.527	0.00000293	0.00292	0.000998	0.00233	0
2057 May	0.0671	0.0000223	9.4	25.8	0.107	0.0028	21.9	0.0156	0.0477	0.000372	0.000906	0.000443	0.533	0.00000297	0.00294	0.00102	0.00236	0
2057 Jun	0.0647	0.000019	7.49	20.3	0.0923	0.00218	17.6	0.0122	0.046	0.000366	0.000742	0.000356	0.428	0.00000266	0.00228	0.000934	0.0022	0
2057 Jul	0.0648	0.0000194	7.62	20.7	0.0926	0.00222	17.6	0.0125	0.0467	0.00036	0.000758	0.000362	0.435	0.00000271	0.00232	0.00094	0.00225	0
2057 Aug	0.0683	0.000021	8.35	22.7	0.0999	0.00245	18.9	0.0137	0.0491	0.000378	0.000826	0.000396	0.475	0.0000029	0.00256	0.001	0.00239	0
2057 Sep	0.0686	0.0000222	9.12	24.9	0.106	0.0027	20	0.0151	0.0493	0.000377	0.000895	0.000431	0.517	0.00000301	0.00283	0.00103	0.00246	0
2057 Oct	0.0674	0.0000231	9.77	26.8	0.11	0.00291	20.7	0.0162	0.0484	0.000368	0.00095	0.000461	0.552	0.00000306	0.00307	0.00105	0.00247	0
2057 Nov	0.0674	0.0000233	9.91	27.2	0.111	0.00296	20.8	0.0165	0.0484	0.000366	0.000962	0.000467	0.559	0.00000308	0.00312	0.00105	0.00248	0
2057 Dec	0.0673	0.0000233	9.95	27.3	0.111	0.00297	20.9	0.0165	0.0484	0.000366	0.000966	0.000469	0.561	0.00000308	0.00314	0.00105	0.00248	0
2058 Jan	0.0673	0.0000234	9.96	27.4	0.111	0.00297	20.9	0.0166	0.0484	0.000366	0.000967	0.000469	0.562	0.00000308	0.00314	0.00105	0.00248	0
2058 Feb	0.0673	0.0000234	9.97	27.4	0.111	0.00298	20.9	0.0166	0.0484	0.000366	0.000967	0.000469	0.562	0.00000308	0.00314	0.00105	0.00248	0
2058 Mar	0.0674	0.0000234	9.97	27.4	0.111	0.00298	20.9	0.0166	0.0484	0.000366	0.000968	0.00047	0.562	0.00000308	0.00314	0.00105	0.00248	0
2058 Apr	0.0675	0.0000234	9.99	27.5	0.111	0.00298	21	0.0166	0.0485	0.000367	0.00097	0.000471	0.564	0.00000309	0.00315	0.00105	0.00249	0
2058 May	0.0697	0.0000242	10.6	29.2	0.119	0.00316	21.4	0.0176	0.0483	0.000396	0.00102	0.000499	0.598	0.00000314	0.00335	0.00111	0.00252	0
2058 Jun	0.0714	0.0000213	9.37	25.8	0.116	0.00274	17.9	0.0154	0.0448	0.000461	0.000902	0.000446	0.536	0.00000279	0.00291	0.0011	0.00226	0
2058 Jul	0.0721	0.0000219	9.59	26.4	0.118	0.00281	18.2	0.0158	0.0457	0.00046	0.000926	0.000456	0.548	0.00000286	0.00299	0.00111	0.00232	0
2058 Aug	0.0739	0.0000231	10.3	28.3	0.124	0.00302	19.1	0.017	0.0469	0.000469	0.000987	0.000487	0.586	0.000003	0.00322	0.00115	0.00241	0
2058 Sep	0.0728	0.0000237	10.7	29.5	0.126	0.00317	19.5	0.0177	0.0465	0.000456	0.00102	0.000506	0.607	0.00000304	0.00337	0.00115	0.00242	0
2058 Oct	0.0716	0.0000242	11.1	30.6	0.127	0.0033	19.8	0.0184	0.0461	0.000443	0.00105	0.000522	0.627	0.00000307	0.00351	0.00115	0.00242	0
2058 Nov	0.0716	0.0000244	11.2	30.9	0.128	0.00333	19.9	0.0186	0.0461	0.000442	0.00106	0.000527	0.632	0.00000308	0.00354	0.00115	0.00243	0
2058 Dec	0.0716	0.0000244	11.2	31	0.128	0.00334	19.9	0.0186	0.0461	0.000442	0.00106	0.000528	0.633	0.00000308	0.00355	0.00116	0.00243	0
2059 Jan	0.0716	0.0000244	11.2	31	0.128	0.00334	19.9	0.0186	0.0461	0.000442	0.00106	0.000528	0.634	0.00000308	0.00355	0.00116	0.00243	0
2059 Feb	0.0716	0.0000244	11.2	31	0.128	0.00334	19.9	0.0186	0.0461	0.000442	0.00106	0.000528	0.634	0.00000308	0.00355	0.00116	0.00243	0
2059 Mar	0.0716	0.0000244	11.2	31	0.128	0.00334	19.9	0.0186	0.0461	0.000442	0.00106	0.000528	0.634	0.00000308	0.00355	0.00116	0.00243	0
2059 Apr	0.0718	0.0000245	11.2	31.1	0.129	0.00335	20	0.0187	0.0462	0.000443	0.00107	0.000529	0.635	0.00000309	0.00356	0.00116	0.00244	0
2059 May	0.0734	0.0000246	11.3	31.2	0.131	0.00336	20	0.0187	0.0468	0.000459	0.00107	0.000532	0.639	0.00000311	0.00357	0.00118	0.00245	0
2059 Jun	0.0765	0.000023	10.3	28.4	0.127	0.00303	18.4	0.017	0.0471	0.000501	0.000982	0.000489	0.59	0.00000297	0.00321	0.00118	0.00237	0
2059 Jul	0.0802	0.0000244	11	30.3	0.135	0.00323	19.4	0.0181	0.0496	0.000523	0.00105	0.000521	0.627	0.00000315	0.00343	0.00125	0.00252	0
2059 Aug	0.0835	0.0000258	11.7	32.3	0.142	0.00345	20.5	0.0193	0.0516	0.000543	0.00111	0.000554	0.667	0.00000331	0.00366	0.0013	0.00264	0
2059 Sep	0.0829	0.0000263	11.9	33.1	0.143	0.00354	20.7	0.0198	0.0517	0.000533	0.00113	0.000566	0.681	0.00000335	0.00376	0.0013	0.00265	0
2059 Oct	0.0767	0.0000251	11.4	31.4	0.133	0.00341	19.3	0.0189	0.0496	0.000472	0.00107	0.000537	0.647	0.00000319	0.00359	0.0012	0.00248	0
2059 Nov	0.076	0.0000252	11.4	31.7	0.132	0.00344	19.3	0.019	0.0494	0.000464	0.00107	0.00054	0.65	0.0000032	0.00362	0.00119	0.00247	0
2059 Dec	0.0759	0.0000252	11.5	31.8	0.133	0.00345	19.4	0.0191	0.0494	0.000464	0.00108	0.000541	0.652	0.0000032	0.00363	0.00119	0.00247	0
2060 Jan	0.0759	0.0000252	11.5	31.8	0.133	0.00345	19.4	0.0191	0.0494	0.000464	0.00108	0.000541	0.652	0.0000032	0.00363	0.00119	0.00247	0
2060 Feb	0.0759	0.0000252	11.5	31.8	0.133	0.00345	19.4	0.0191	0.0494	0.000464	0.00108	0.000541	0.652	0.0000032	0.00363	0.00119	0.00247	0
2060 Mar	0.076	0.0000252	11.5	31.8	0.133	0.00345	19.4	0.0191	0.0494	0.000464	0.00108	0.000542	0.652	0.0000032	0.00363	0.00119	0.00247	0
2060 Apr	0.0763	0.0000253	11.5	31.9	0.133	0.00346	19.4	0.0191	0.0496	0.000466	0.00108	0.000543	0.655	0.00000321	0.00365	0.0012	0.00248	0
2060 May	0.0786	0.000025	11.4	31.5	0.135	0.0034	19.1	0.0188	0.0498	0.000495	0.00107	0.000538	0.649	0.00000319	0.00358	0.00122	0.00247	0
2060 Jun	0.0794	0.000022	9.62	26.5	0.125	0.00282	16.5	0.0157	0.0487	0.000525	0.000912	0.000459	0.556	0.0000029	0.00296	0.00117	0.0023	0
2060 Jul	0.0828	0.0000231	10.1	27.8	0.13	0.00296	17.2	0.0165	0.0511	0.000545	0.00096	0.000482	0.584	0.00000305	0.00311	0.00123	0.00242	0
2060 Aug	0.0827	0.0000237	10.4	28.6	0.132	0.00306	17.4	0.0171	0.0515	0.000537	0.000984	0.000495	0.599	0.00000312	0.00321	0.00123	0.00245	0
2060 Sep	0.0761	0.000023	10.1	27.8	0.123	0.00301	16.5	0.0166	0.0489	0.000475	0.000945	0.000479	0.579	0.00000301	0.00314	0.00113	0.00232	0
2060 Oct	0.0742	0.0000235	10.5	28.9	0.125	0.00315	16.6	0.0173	0.0481	0.000456	0.000977	0.000496	0.599	0.00000303	0.00329	0.00112	0.00231	0
2060 Nov	0.0735	0.0000236	10.6	29.2	0.124	0.00318	16.6	0.0175	0.0479	0.000448	0.000983	0.0005	0.603	0.00000303	0.00332	0.00111	0.0023	0
2060 Dec	0.0734	0.0000237	10.7	29.4	0.125	0.0032	16.7	0.0176	0.0478	0.000448	0.00099	0.000503	0.607	0.00000304	0.00335	0.00111	0.00231	0
2061 Jan	0.0734	0.0000237	10.7	29.5	0.125	0.00321	16.7	0.0176	0.0478	0.000448	0.000991	0.000504	0.608	0.00000304	0.00335	0.00111	0.00231	0
2061 Feb	0.0734	0.0000237	10.7	29.5	0.125	0.00321	16.7	0.0176	0.0478	0.000448	0.000991	0.000504	0.608	0.00000304	0.00335	0.00111	0.00231	0
2061 Mar	0.0734	0.0000237	10.7	29.5	0.125	0.00321	16.7	0.0177	0.0478	0.000448	0.000991	0.000504	0.608	0.00000304	0.00335	0.00112	0.00231	0
2061 Apr	0.0737	0.0000238	10.7	29.6	0.126	0.00322	16.7	0.0177	0.048	0.000449	0.000995	0.000506	0.61	0.00000305	0.00337	0.00112	0.00231	0
2061 May	0.0766	0.0000236	10.6	29.4	0.129	0.00318	16.4	0.0175	0.0483	0.000486	0.000989	0.000504	0.609	0.00000304	0.00333	0.00115	0.00231	0
2061 Jun	0.0756	0.0000209	9.2	25.3	0.12	0.0027	14.2	0.015	0.0459	0.000504	0.000864	0.000439	0.532	0.00000275	0.00283	0.00111	0.00215	0
2061 Jul	0.0783	0.000022	9.72	26.7	0.125	0.00286	14.8	0.0159	0.0478	0.000518	0.000913	0.000463	0.561	0.00000289	0.00299	0.00115	0.00226	0
2061 Aug	0.0812	0.0000233	10.4	28.6	0.132	0.00306	15.6	0.017	0.0497	0.000535	0.000975	0.000495	0.598	0.00000304	0.00321	0.00121	0.00237	0
2061 Sep	0.081	0.0000243	11	30.3	0.136	0.00326	16.1	0.0181	0.0496	0.00053	0.00103	0.000522	0.63	0.00000312	0.00342	0.00123	0.00241	0
2061 Oct	0.0766	0.0000243	11.1	30.9	0.133	0.00334	15.8	0.0185	0.0479	0.000489	0.00104	0.000528	0.637	0.00000308	0.00351	0.00118	0.00234	0
2061 Nov	0.0753	0.0000244	11.2	31.1	0.132	0.00337	15.7	0.0186	0.0475	0.000475	0.00104	0.00053	0.64	0.00000308	0.00354	0.00117	0.00233	0
2061 Dec	0.0753	0.0000244	11.3	31.2	0.132	0.00339	15.7	0.0187	0.0474	0.000474	0.00104	0.000532	0.642	0.00000308	0.00356	0.00117	0.00233	0
2062 Jan	0.0752	0.0000245	11.3	31.3	0.133	0.0034	15.7	0.0187	0.0474	0.000474	0.00105	0.000533	0.644	0.00000308	0.00357	0.00117	0.00233	0
2062 Feb	0.0753	0.0000245	11.3	31.3	0.133	0.0034	15.7	0.0187	0.0474	0.000474	0.00105	0.000534	0.644	0.00000308	0.00357	0.00117	0.00233	0
2062 Mar	0.0753	0.0000245	11.3	31.3	0.133	0.0034	15.8	0.0188	0.0474	0.000475	0.00105	0.000534	0.644	0.00000309	0.00357	0.00117	0.00233	0
2062 Apr	0.0756	0.0000246	11.3	31.4	0.133	0.00341	15.8	0.0188	0.0476	0.000477	0.00105	0.000536	0.647	0.0000031	0.00359	0.00117	0.00234	0
2062 May	0.0764	0.0000248	11.5	31.8	0.135	0.00345	16	0.019	0.0481	0.000481	0.00106	0.000542	0.654	0.00000313	0.00362	0.00119	0.00237	0
2062 Jun	0.0681	0.0000218	9.46	26	0.111	0.00282	13.3	0.0156	0.0461	0.000403	0.000901	0.000447	0.538	0.00000286	0.00296	0.00104	0.00226	0
2062 Jul	0.0646	0.0000206	8.65	23.7	0.101	0.00257	12.1	0.0143	0.0456	0.000365	0.000839	0.000409	0.492	0.00000277	0.00269	0.000976	0.00224	0
2062 Aug	0.0642	0.0000213	9.01	24.7	0.103	0.00269	12.3	0.0149	0.0456	0.000355	0.000867	0.000425	0.511	0.00000283	0.00282	0.000974	0.00225	0
2062 Sep	0.0621	0.0000214	9.16	25.2	0.102	0.00276	12.2	0.0152	0.0448	0.000335	0.000874	0.000431	0.518	0.00000282	0.00288	0.000949	0.00221	0
2062 Oct	0.0564	0.0000203	8.73	24	0.0933	0.00268	11.3	0.0145	0.0429	0.000277	0.000818	0.000408	0.492	0.00000267	0.00276	0.000848	0.00202	0
2062 Nov	0.0562	0.0000205	8.8	24.2	0.0935	0.0027	11.3	0.0146	0.043	0.000274	0.000823	0.000411	0.496	0.00000268	0.00279	0.000847	0.00202	0
2062 Dec	0.0562	0.0000205	8.86	24.4	0.094	0.00272	11.3	0.0147	0.043	0.000274	0.000828	0.000414	0.499	0.00000269	0.00281	0.000849	0.00203	0
2063 Jan	0.0562	0.0000206	8.89	24.4	0.0942	0.00273	11.3	0.0148	0.0429	0.000274	0.00083	0.000415	0.5	0.00000269	0.00282	0.00085	0.00203	0
2063 Feb	0.0562	0.0000206	8.89	24.5	0.0942	0.00273	11.4	0.0148	0.0429	0.000274	0.000831	0.000415	0.5	0.00000269	0.00282	0.000851	0.00203	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0562	0.0000206	8.89	24.5	0.0942	0.00273	11.4	0.0148	0.043	0.000274	0.000831	0.000415	0.5	0.00000269	0.00282	0.000851	0.00203	0
2063 Apr	0.0564	0.0000206	8.91	24.5	0.0944	0.00274	11.4	0.0148	0.043	0.000275	0.000832	0.000416	0.501	0.0000027	0.00283	0.000853	0.00203	0
2063 May	0.0588	0.0000204	8.75	24	0.0958	0.00267	11.3	0.0145	0.0438	0.000301	0.000819	0.00041	0.495	0.00000269	0.00276	0.000875	0.00204	0
2063 Jun	0.062	0.0000162	6.28	17	0.0836	0.00183	8.94	0.0101	0.0426	0.000368	0.000609	0.0003	0.365	0.00000231	0.00186	0.000847	0.00186	0
2063 Jul	0.0611	0.0000164	6.31	17	0.0825	0.00184	8.82	0.0102	0.0427	0.000355	0.000616	0.000301	0.365	0.00000233	0.00188	0.000841	0.00189	0
2063 Aug	0.0634	0.0000175	6.9	18.7	0.0881	0.00202	9.36	0.0112	0.0443	0.000367	0.00067	0.000328	0.398	0.00000247	0.00207	0.000884	0.00199	0
2063 Sep	0.0626	0.0000184	7.48	20.4	0.0915	0.00221	9.66	0.0122	0.0441	0.000356	0.000718	0.000354	0.429	0.00000254	0.00228	0.000893	0.00202	0
2063 Oct	0.061	0.000019	7.9	21.6	0.0933	0.00236	9.79	0.013	0.0433	0.000341	0.000752	0.000373	0.45	0.00000256	0.00244	0.000889	0.00201	0
2063 Nov	0.0608	0.0000192	8.03	22	0.094	0.00241	9.85	0.0132	0.0432	0.000339	0.000763	0.000379	0.457	0.00000258	0.00249	0.000891	0.00202	0
2063 Dec	0.0608	0.0000192	8.08	22.1	0.0944	0.00242	9.88	0.0133	0.0432	0.000338	0.000768	0.000381	0.46	0.00000258	0.00251	0.000893	0.00202	0
2064 Jan	0.0608	0.0000193	8.11	22.2	0.0946	0.00243	9.9	0.0133	0.0432	0.000338	0.00077	0.000382	0.462	0.00000259	0.00252	0.000894	0.00202	0
2064 Feb	0.0608	0.0000193	8.12	22.2	0.0947	0.00243	9.9	0.0134	0.0432	0.000338	0.000771	0.000383	0.462	0.00000259	0.00252	0.000894	0.00202	0
2064 Mar	0.0609	0.0000193	8.13	22.3	0.0948	0.00244	9.91	0.0134	0.0432	0.000339	0.000772	0.000383	0.463	0.00000259	0.00252	0.000895	0.00203	0
2064 Apr	0.061	0.0000194	8.14	22.3	0.095	0.00244	9.94	0.0134	0.0433	0.00034	0.000774	0.000384	0.464	0.0000026	0.00253	0.000897	0.00203	0
2064 May	0.0641	0.0000195	8.26	22.6	0.0996	0.00246	10	0.0136	0.0438	0.000376	0.000784	0.000391	0.473	0.00000261	0.00256	0.00094	0.00205	0
2064 Jun	0.0688	0.0000177	7.36	20.1	0.1	0.00213	9.18	0.0119	0.043	0.000452	0.000703	0.000352	0.429	0.00000242	0.00221	0.000975	0.00194	0
2064 Jul	0.0701	0.0000185	7.76	21.2	0.104	0.00225	9.48	0.0126	0.0442	0.000455	0.000741	0.000371	0.45	0.00000252	0.00234	0.001	0.00202	0
2064 Aug	0.0702	0.0000193	8.18	22.4	0.106	0.00239	9.7	0.0133	0.0445	0.00045	0.000778	0.00039	0.473	0.0000026	0.00249	0.00101	0.00206	0
2064 Sep	0.067	0.0000201	8.79	24.2	0.108	0.00261	9.81	0.0144	0.0432	0.000417	0.000826	0.000417	0.504	0.00000265	0.00273	0.000989	0.00205	0
2064 Oct	0.0662	0.0000212	9.5	26.2	0.112	0.00285	10.1	0.0157	0.0428	0.000408	0.000889	0.000449	0.542	0.00000272	0.00298	0.00101	0.00209	0
2064 Nov	0.0662	0.0000215	9.72	26.9	0.114	0.00291	10.3	0.0161	0.0427	0.000408	0.000908	0.000459	0.553	0.00000275	0.00306	0.00102	0.0021	0
2064 Dec	0.0662	0.0000216	9.75	26.9	0.114	0.00292	10.3	0.0162	0.0427	0.000408	0.000911	0.000461	0.555	0.00000275	0.00307	0.00102	0.00211	0
2065 Jan	0.0662	0.0000216	9.77	27	0.114	0.00293	10.3	0.0162	0.0427	0.000407	0.000913	0.000462	0.556	0.00000276	0.00308	0.00102	0.00211	0
2065 Feb	0.0662	0.0000216	9.78	27	0.114	0.00293	10.3	0.0162	0.0427	0.000408	0.000913	0.000462	0.557	0.00000276	0.00308	0.00102	0.00211	0
2065 Mar	0.0663	0.0000216	9.79	27.1	0.114	0.00294	10.3	0.0162	0.0428	0.000408	0.000914	0.000463	0.557	0.00000276	0.00309	0.00102	0.00211	0
2065 Apr	0.0665	0.0000217	9.83	27.2	0.115	0.00295	10.3	0.0163	0.0429	0.00041	0.000918	0.000464	0.559	0.00000277	0.0031	0.00102	0.00212	0
2065 May	0.0686	0.0000222	10.2	28.1	0.12	0.00304	10.5	0.0168	0.0433	0.000432	0.000948	0.00048	0.579	0.00000282	0.0032	0.00106	0.00216	0
2065 Jun	0.069	0.0000197	8.66	23.8	0.11	0.00254	9.42	0.0142	0.0429	0.00045	0.000819	0.000412	0.498	0.0000026	0.00267	0.00102	0.00205	0
2065 Jul	0.0715	0.0000209	9.18	25.2	0.115	0.0027	9.82	0.0151	0.0448	0.000461	0.00087	0.000436	0.527	0.00000274	0.00284	0.00107	0.00217	0
2065 Aug	0.0737	0.0000223	9.92	27.3	0.122	0.00293	10.3	0.0163	0.0462	0.000472	0.000937	0.000471	0.568	0.00000289	0.00309	0.00112	0.00227	0
2065 Sep	0.0698	0.0000225	10.2	28.1	0.12	0.00304	10.2	0.0168	0.0448	0.000434	0.000952	0.00048	0.579	0.00000288	0.0032	0.00108	0.00221	0
2065 Oct	0.0638	0.0000219	9.97	27.6	0.112	0.00303	9.64	0.0166	0.0431	0.00037	0.000922	0.000468	0.565	0.00000278	0.00316	0.000985	0.00208	0
2065 Nov	0.0631	0.000022	10	27.8	0.112	0.00306	9.61	0.0167	0.043	0.000361	0.000925	0.000471	0.568	0.00000279	0.00319	0.000976	0.00207	0
2065 Dec	0.0631	0.000022	10.1	27.8	0.112	0.00307	9.62	0.0167	0.043	0.000361	0.000927	0.000472	0.569	0.00000279	0.0032	0.000977	0.00207	0
2066 Jan	0.0631	0.0000221	10.1	27.9	0.112	0.00308	9.64	0.0168	0.043	0.000361	0.00093	0.000473	0.571	0.00000279	0.00321	0.000978	0.00207	0
2066 Feb	0.0631	0.0000221	10.1	27.9	0.112	0.00308	9.64	0.0168	0.043	0.000361	0.000931	0.000474	0.572	0.00000279	0.00321	0.000979	0.00208	0
2066 Mar	0.0632	0.0000221	10.1	28	0.112	0.00309	9.66	0.0168	0.0431	0.000361	0.000933	0.000475	0.573	0.0000028	0.00322	0.000981	0.00208	0
2066 Apr	0.0634	0.0000222	10.1	28.1	0.113	0.00309	9.69	0.0169	0.0432	0.000362	0.000935	0.000476	0.574	0.0000028	0.00323	0.000983	0.00208	0
2066 May	0.0643	0.0000224	10.2	28.2	0.114	0.00311	9.77	0.017	0.0437	0.000369	0.000941	0.000479	0.578	0.00000283	0.00324	0.000995	0.0021	0
2066 Jun	0.0609	0.0000187	7.86	21.5	0.0936	0.00234	8.06	0.0129	0.0426	0.000347	0.00075	0.000371	0.448	0.00000252	0.00243	0.000895	0.00199	0
2066 Jul	0.0627	0.0000199	8.38	23	0.0978	0.0025	8.36	0.0138	0.0444	0.00035	0.000804	0.000395	0.477	0.00000267	0.00261	0.000934	0.00212	0
2066 Aug	0.0647	0.0000213	9.09	25	0.104	0.00273	8.81	0.015	0.0459	0.000359	0.000869	0.000428	0.516	0.00000282	0.00285	0.000978	0.00222	0
2066 Sep	0.0639	0.0000219	9.52	26.2	0.106	0.00287	8.93	0.0158	0.0456	0.00035	0.000904	0.000448	0.539	0.00000287	0.003	0.000982	0.00224	0
2066 Oct	0.0617	0.0000223	9.89	27.3	0.107	0.00301	8.91	0.0165	0.0446	0.000328	0.000931	0.000463	0.557	0.00000287	0.00315	0.000966	0.0022	0
2066 Nov	0.0612	0.0000225	10	27.6	0.108	0.00305	8.92	0.0167	0.0444	0.000323	0.00094	0.000468	0.563	0.00000288	0.00319	0.000964	0.0022	0
2066 Dec	0.0612	0.0000225	10	27.8	0.108	0.00306	8.94	0.0168	0.0444	0.000323	0.000943	0.00047	0.565	0.00000288	0.0032	0.000966	0.0022	0
2067 Jan	0.0612	0.0000226	10.1	27.8	0.108	0.00307	8.94	0.0168	0.0443	0.000323	0.000945	0.000471	0.566	0.00000289	0.00321	0.000967	0.00221	0
2067 Feb	0.0612	0.0000226	10.1	27.8	0.108	0.00307	8.95	0.0168	0.0444	0.000323	0.000946	0.000471	0.567	0.00000289	0.00321	0.000967	0.00221	0
2067 Mar	0.0613	0.0000226	10.1	27.8	0.108	0.00308	8.96	0.0168	0.0444	0.000323	0.000947	0.000472	0.567	0.00000289	0.00322	0.000968	0.00221	0
2067 Apr	0.0614	0.0000226	10.1	27.9	0.108	0.00308	8.98	0.0169	0.0445	0.000324	0.000948	0.000473	0.568	0.0000029	0.00322	0.00097	0.00221	0
2067 May	0.0641	0.0000225	9.96	27.5	0.11	0.00302	9.04	0.0166	0.0454	0.000351	0.000936	0.000467	0.563	0.0000029	0.00316	0.000995	0.00223	0
2067 Jun	0.0668	0.0000201	8.54	23.4	0.104	0.00254	8.35	0.014	0.0452	0.000396	0.000813	0.000404	0.489	0.00000269	0.00264	0.000983	0.00212	0
2067 Jul	0.0694	0.0000215	9.22	25.3	0.11	0.00275	8.78	0.0152	0.0472	0.000408	0.000877	0.000436	0.526	0.00000285	0.00287	0.00103	0.00224	0
2067 Aug	0.0695	0.0000224	9.72	26.7	0.113	0.00291	8.96	0.0161	0.0475	0.000402	0.00092	0.000459	0.553	0.00000294	0.00304	0.00104	0.00229	0
2067 Sep	0.0691	0.0000231	10.2	28	0.116	0.00306	9.08	0.0168	0.0474	0.000395	0.000957	0.000478	0.576	0.000003	0.0032	0.00105	0.00231	0
2067 Oct	0.066	0.000023	10.2	28.3	0.114	0.00311	8.88	0.017	0.0462	0.000367	0.000958	0.000481	0.58	0.00000296	0.00325	0.00102	0.00225	0
2067 Nov	0.0654	0.0000231	10.3	28.6	0.114	0.00315	8.87	0.0172	0.046	0.000359	0.000965	0.000485	0.584	0.00000296	0.00329	0.00101	0.00224	0
2067 Dec	0.0654	0.0000232	10.4	28.7	0.114	0.00316	8.88	0.0173	0.046	0.000359	0.000969	0.000487	0.587	0.00000297	0.0033	0.00101	0.00224	0
2068 Jan	0.0654	0.0000232	10.4	28.8	0.114	0.00317	8.89	0.0173	0.046	0.000359	0.000971	0.000488	0.588	0.00000297	0.00331	0.00101	0.00224	0
2068 Feb	0.0654	0.0000233	10.4	28.8	0.114	0.00317	8.9	0.0174	0.046	0.000359	0.000972	0.000489	0.588	0.00000297	0.00331	0.00101	0.00224	0
2068 Mar	0.0655	0.0000233	10.4	28.8	0.114	0.00318	8.91	0.0174	0.0461	0.00036	0.000973	0.000489	0.589	0.00000298	0.00332	0.00101	0.00225	0
2068 Apr	0.066	0.0000235	10.5	29	0.115	0.0032	8.97	0.0175	0.0464	0.000362	0.00098	0.000493	0.593	0.000003	0.00334	0.00102	0.00226	0
2068 May	0.0686	0.0000232	10.3	28.5	0.117	0.00312	8.99	0.0171	0.0471	0.000391	0.000963	0.000485	0.585	0.00000298	0.00326	0.00105	0.00227	0
2068 Jun	0.0691	0.0000188	7.92	21.7	0.103	0.00232	7.69	0.0129	0.0444	0.000438	0.000753	0.000378	0.458	0.00000255	0.00241	0.000988	0.00202	0
2068 Jul	0.0687	0.0000197	8.38	23	0.105	0.00247	7.77	0.0137	0.0447	0.000427	0.000797	0.000398	0.482	0.00000264	0.00257	0.000997	0.00208	0
2068 Aug	0.0714	0.000021	9.04	24.8	0.112	0.00267	8.17	0.0148	0.0466	0.00044	0.000857	0.000429	0.519	0.00000279	0.00279	0.00104	0.00219	0
2068 Sep	0.0701	0.0000214	9.32	25.6	0.112	0.00277	8.18	0.0153	0.0463	0.000425	0.000878	0.000441	0.533	0.00000282	0.0029	0.00104	0.00219	0
2068 Oct	0.0695	0.0000219	9.63	26.5	0.114	0.00288	8.24	0.0159	0.0461	0.000416	0.000904	0.000455	0.549	0.00000286	0.00301	0.00104	0.0022	0
2068 Nov	0.0696	0.000022	9.72	26.8	0.114	0.00291	8.27	0.0161	0.0462	0.000416	0.000913	0.000459	0.554	0.00000287	0.00304	0.00104	0.00221	0
2068 Dec	0.0696	0.0000221	9.74	26.8	0.115	0.00292	8.28	0.0161	0.0462	0.000416	0.000914	0.00046	0.555	0.00000287	0.00305	0.00104	0.00221	0
2069 Jan	0.0696	0.0000221	9.76	26.9	0.115	0.00292	8.29	0.0161	0.0462	0.000416	0.000916	0.000461	0.556	0.00000288	0.00306	0.00104	0.00221	0
2069 Feb	0.0696	0.0000221	9.77	26.9	0.115	0.00293	8.29	0.0161	0.0462	0.000416	0.000917	0.000461	0.557	0.00000288	0.00306	0.00104	0.00221	0
2069 Mar	0.0696	0.0000221	9.77	26.9	0.115	0.00293	8.29	0.0162	0.0462	0.000416	0.000917	0.000461	0.557	0.00000288	0.00306	0.00105	0.00221	0
2069 Apr	0.0697	0.0000222	9.79	27	0.115	0.00293	8.3	0.0162	0.0463	0.000417	0.000919	0.000462	0.558	0.00000288	0.00307	0.00105	0.00221	0
2069 May	0.071	0.0000225	9.95	27.4	0.117	0.00298	8.44	0.0164	0.0471	0.000425	0.000934	0.00047	0.567	0.00000293	0.00312	0.00107	0.00225	0
2069 Jun	0.066	0.0000198	8.17	22.3	0.0994	0.00241	7.3	0.0134	0.0455	0.000384	0.00079	0.000387	0.467	0.00000268	0.00251	0.000964	0.00215	0
2069 Jul	0.0667	0.0000205	8.49	23.2	0.101	0.00251	7.4	0.014	0.0467	0.000381	0.000824	0.000402	0.484	0.00000278	0.00262	0.000985	0.00224	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0676	0.0000215	9.05	24.8	0.106	0.00269	7.63	0.0149	0.0474	0.000382	0.000873	0.000427	0.514	0.00000289	0.00281	0.00101	0.00231	0
2069 Sep	0.0647	0.0000212	8.97	24.6	0.102	0.00269	7.4	0.0148	0.0463	0.000354	0.000857	0.000422	0.509	0.00000283	0.0028	0.000965	0.00223	0
2069 Oct	0.0605	0.0000202	8.47	23.2	0.0944	0.00257	6.98	0.014	0.0452	0.00031	0.0008	0.000397	0.48	0.00000271	0.00265	0.000882	0.00208	0
2069 Nov	0.0601	0.0000202	8.46	23.2	0.0937	0.00257	6.95	0.014	0.0452	0.000304	0.000796	0.000396	0.479	0.0000027	0.00265	0.000874	0.00207	0
2069 Dec	0.06	0.0000202	8.48	23.2	0.0939	0.00258	6.95	0.014	0.0452	0.000304	0.000798	0.000397	0.48	0.00000271	0.00266	0.000874	0.00207	0
2070 Jan	0.06	0.0000202	8.49	23.2	0.0939	0.00258	6.95	0.014	0.0452	0.000304	0.000798	0.000398	0.48	0.00000271	0.00266	0.000875	0.00207	0
2070 Feb	0.0601	0.0000202	8.49	23.2	0.0939	0.00258	6.96	0.014	0.0452	0.000304	0.000798	0.000398	0.481	0.00000271	0.00266	0.000875	0.00207	0
2070 Mar	0.0601	0.0000202	8.49	23.3	0.094	0.00258	6.96	0.014	0.0452	0.000304	0.000799	0.000398	0.481	0.00000271	0.00266	0.000875	0.00207	0
2070 Apr	0.0603	0.0000203	8.53	23.4	0.0944	0.00259	6.99	0.0141	0.0454	0.000306	0.000802	0.000399	0.483	0.00000272	0.00267	0.000879	0.00208	0
2070 May	0.0631	0.0000201	8.38	22.9	0.096	0.00253	7.08	0.0138	0.0463	0.000333	0.000789	0.000394	0.477	0.00000272	0.0026	0.000904	0.00209	0
2070 Jun	0.0681	0.0000181	7.24	19.6	0.0945	0.00212	6.86	0.0117	0.0464	0.000405	0.000689	0.000344	0.42	0.00000254	0.00217	0.000931	0.002	0
2070 Jul	0.07	0.0000192	7.72	21	0.0989	0.00227	7.1	0.0125	0.0479	0.000413	0.000735	0.000367	0.446	0.00000266	0.00233	0.000967	0.0021	0
2070 Aug	0.071	0.00002	8.17	22.3	0.102	0.00242	7.28	0.0133	0.0488	0.000415	0.000776	0.000388	0.471	0.00000276	0.00248	0.000988	0.00216	0
2070 Sep	0.0686	0.0000201	8.28	22.6	0.101	0.00247	7.15	0.0135	0.048	0.00039	0.00078	0.000391	0.475	0.00000275	0.00253	0.000959	0.00212	0
2070 Oct	0.0661	0.0000197	8.12	22.2	0.097	0.00245	6.94	0.0133	0.0473	0.000364	0.000759	0.000383	0.465	0.00000269	0.00249	0.000917	0.00205	0
2070 Nov	0.0658	0.0000198	8.2	22.4	0.0973	0.00247	6.94	0.0134	0.0472	0.00036	0.000766	0.000386	0.47	0.0000027	0.00252	0.000916	0.00205	0
2070 Dec	0.0657	0.0000199	8.23	22.5	0.0975	0.00248	6.94	0.0135	0.0472	0.00036	0.000768	0.000387	0.471	0.0000027	0.00253	0.000916	0.00205	0
2071 Jan	0.0657	0.0000199	8.23	22.5	0.0975	0.00248	6.95	0.0135	0.0471	0.00036	0.000768	0.000388	0.471	0.0000027	0.00253	0.000917	0.00205	0
2071 Feb	0.0658	0.0000199	8.23	22.5	0.0976	0.00248	6.95	0.0135	0.0472	0.00036	0.000768	0.000388	0.471	0.0000027	0.00253	0.000917	0.00205	0
2071 Mar	0.0658	0.0000199	8.23	22.5	0.0976	0.00248	6.95	0.0135	0.0472	0.00036	0.000768	0.000388	0.471	0.0000027	0.00253	0.000917	0.00205	0
2071 Apr	0.0659	0.0000199	8.25	22.5	0.0977	0.00249	6.96	0.0135	0.0472	0.000361	0.00077	0.000388	0.472	0.00000271	0.00254	0.000919	0.00205	0
2071 May	0.068	0.0000196	8.02	21.9	0.0986	0.0024	6.99	0.0131	0.0476	0.000386	0.00075	0.000379	0.462	0.00000268	0.00245	0.000936	0.00205	0
2071 Jun	0.0693	0.0000171	6.64	17.9	0.0918	0.00193	6.49	0.0106	0.0464	0.000424	0.000633	0.000318	0.389	0.00000245	0.00195	0.00092	0.00194	0
2071 Jul	0.0699	0.0000176	6.8	18.3	0.0928	0.00197	6.55	0.0109	0.0473	0.000422	0.000651	0.000325	0.397	0.00000251	0.002	0.000933	0.002	0
2071 Aug	0.0718	0.0000184	7.18	19.4	0.0965	0.00209	6.77	0.0115	0.0487	0.000431	0.000686	0.000343	0.418	0.00000261	0.00212	0.000963	0.00207	0
2071 Sep	0.069	0.0000184	7.27	19.7	0.0946	0.00214	6.62	0.0117	0.0477	0.000404	0.000688	0.000346	0.422	0.00000259	0.00217	0.000928	0.00202	0
2071 Oct	0.0674	0.0000184	7.3	19.8	0.0932	0.00217	6.52	0.0118	0.0471	0.000387	0.000687	0.000346	0.422	0.00000258	0.00219	0.000907	0.00199	0
2071 Nov	0.0667	0.0000184	7.32	19.9	0.0925	0.00218	6.49	0.0118	0.047	0.000379	0.000687	0.000347	0.423	0.00000257	0.0022	0.000897	0.00198	0
2071 Dec	0.0667	0.0000184	7.34	19.9	0.0926	0.00219	6.49	0.0119	0.047	0.000378	0.000688	0.000348	0.424	0.00000258	0.00221	0.000897	0.00198	0
2072 Jan	0.0667	0.0000184	7.34	19.9	0.0926	0.00219	6.49	0.0119	0.047	0.000378	0.000688	0.000348	0.424	0.00000258	0.00221	0.000897	0.00198	0
2072 Feb	0.0667	0.0000184	7.34	19.9	0.0926	0.00219	6.49	0.0119	0.047	0.000378	0.000688	0.000348	0.424	0.00000258	0.00221	0.000897	0.00198	0
2072 Mar	0.0667	0.0000184	7.34	19.9	0.0926	0.00219	6.49	0.0119	0.0471	0.000378	0.000688	0.000348	0.424	0.00000258	0.00221	0.000897	0.00198	0
2072 Apr	0.0669	0.0000185	7.36	20	0.0929	0.00219	6.51	0.0119	0.0472	0.000379	0.00069	0.000349	0.425	0.00000258	0.00222	0.0009	0.00198	0
2072 May	0.0679	0.0000187	7.47	20.3	0.0943	0.00223	6.6	0.0121	0.0479	0.000385	0.0007	0.000354	0.432	0.00000262	0.00225	0.000913	0.00201	0
2072 Jun	0.0636	0.0000174	6.51	17.5	0.0828	0.00192	5.98	0.0105	0.0469	0.000344	0.000631	0.000309	0.376	0.00000251	0.00193	0.000849	0.002	0
2072 Jul	0.0634	0.0000177	6.62	17.8	0.0826	0.00195	5.94	0.0107	0.0474	0.000335	0.000644	0.000313	0.381	0.00000256	0.00197	0.000849	0.00205	0
2072 Aug	0.0615	0.0000177	6.61	17.8	0.0803	0.00197	5.85	0.0107	0.0469	0.000313	0.000635	0.000312	0.379	0.00000256	0.00197	0.00081	0.00201	0
2072 Sep	0.0595	0.0000176	6.56	17.6	0.078	0.00197	5.74	0.0106	0.0462	0.000292	0.000623	0.000309	0.375	0.00000254	0.00196	0.000775	0.00196	0
2072 Oct	0.057	0.0000172	6.45	17.3	0.0748	0.00196	5.55	0.0104	0.0453	0.000268	0.000606	0.000303	0.369	0.00000248	0.00194	0.000736	0.00188	0
2072 Nov	0.0566	0.0000174	6.55	17.6	0.0752	0.00199	5.55	0.0106	0.0452	0.000264	0.000614	0.000308	0.374	0.00000249	0.00198	0.000735	0.00188	0
2072 Dec	0.0566	0.0000174	6.6	17.8	0.0756	0.00201	5.55	0.0107	0.0451	0.000264	0.000618	0.00031	0.376	0.00000249	0.00199	0.000737	0.00188	0
2073 Jan	0.0566	0.0000175	6.61	17.8	0.0757	0.00201	5.56	0.0107	0.0451	0.000264	0.000619	0.00031	0.377	0.00000249	0.002	0.000737	0.00188	0
2073 Feb	0.0566	0.0000175	6.61	17.8	0.0757	0.00201	5.56	0.0107	0.0451	0.000264	0.000619	0.00031	0.377	0.00000249	0.002	0.000737	0.00188	0
2073 Mar	0.0567	0.0000175	6.61	17.8	0.0757	0.00201	5.56	0.0107	0.0451	0.000264	0.000619	0.00031	0.377	0.00000249	0.002	0.000738	0.00188	0
2073 Apr	0.057	0.0000176	6.65	17.9	0.0762	0.00203	5.6	0.0108	0.0454	0.000266	0.000623	0.000312	0.38	0.00000251	0.00201	0.000742	0.00189	0
2073 May	0.0608	0.000018	6.98	18.8	0.0833	0.0021	5.79	0.0113	0.0457	0.000313	0.000653	0.000329	0.4	0.00000254	0.00211	0.000806	0.00193	0
2073 Jun	0.0655	0.0000171	6.62	17.9	0.088	0.00194	5.81	0.0106	0.0452	0.000386	0.000627	0.000316	0.385	0.00000244	0.00196	0.00087	0.0019	0
2073 Jul	0.0667	0.0000177	6.88	18.6	0.0901	0.00202	5.92	0.0111	0.0462	0.000389	0.000652	0.000328	0.399	0.00000251	0.00204	0.000888	0.00196	0
2073 Aug	0.068	0.0000185	7.27	19.7	0.0935	0.00215	6.08	0.0117	0.0472	0.000393	0.000687	0.000346	0.421	0.00000261	0.00218	0.00091	0.00202	0
2073 Sep	0.0666	0.0000188	7.54	20.5	0.0942	0.00224	6.04	0.0122	0.0467	0.000379	0.000708	0.000358	0.435	0.00000262	0.00228	0.000902	0.00201	0
2073 Oct	0.0639	0.0000188	7.63	20.7	0.0923	0.00229	5.89	0.0124	0.0457	0.000353	0.000711	0.00036	0.438	0.00000259	0.00232	0.000871	0.00196	0
2073 Nov	0.0633	0.0000189	7.7	21	0.0922	0.00232	5.86	0.0125	0.0455	0.000346	0.000716	0.000363	0.441	0.0000026	0.00235	0.000866	0.00196	0
2073 Dec	0.0633	0.000019	7.75	21.1	0.0926	0.00234	5.87	0.0126	0.0455	0.000346	0.00072	0.000366	0.444	0.0000026	0.00237	0.000867	0.00196	0
2074 Jan	0.0633	0.000019	7.79	21.2	0.0928	0.00235	5.87	0.0127	0.0454	0.000346	0.000723	0.000367	0.446	0.0000026	0.00238	0.000869	0.00196	0
2074 Feb	0.0633	0.000019	7.8	21.2	0.0929	0.00235	5.87	0.0127	0.0454	0.000346	0.000725	0.000368	0.447	0.00000261	0.00239	0.000869	0.00196	0
2074 Mar	0.0633	0.000019	7.8	21.3	0.093	0.00235	5.88	0.0127	0.0455	0.000346	0.000725	0.000368	0.447	0.00000261	0.00239	0.00087	0.00196	0
2074 Apr	0.0637	0.0000191	7.84	21.4	0.0935	0.00237	5.91	0.0128	0.0457	0.000348	0.000729	0.00037	0.449	0.00000262	0.0024	0.000874	0.00197	0
2074 May	0.0682	0.0000191	7.92	21.6	0.0997	0.00236	6.1	0.0129	0.0462	0.000405	0.000737	0.000376	0.457	0.00000262	0.0024	0.000938	0.00199	0
2074 Jun	0.0717	0.0000173	7.02	19.1	0.0997	0.00203	5.96	0.0112	0.0447	0.000473	0.000661	0.000338	0.413	0.00000241	0.00207	0.000969	0.00189	0
2074 Jul	0.074	0.0000182	7.42	20.2	0.104	0.00215	6.17	0.0119	0.0464	0.000484	0.0007	0.000356	0.435	0.00000253	0.0022	0.00101	0.00199	0
2074 Aug	0.077	0.0000195	8.1	22.1	0.111	0.00236	6.47	0.0131	0.0483	0.000502	0.000762	0.000388	0.473	0.00000269	0.00242	0.00106	0.0021	0
2074 Sep	0.0736	0.0000201	8.61	23.6	0.111	0.00254	6.33	0.014	0.0469	0.000468	0.000802	0.00041	0.498	0.00000271	0.00262	0.00104	0.00208	0
2074 Oct	0.0706	0.0000207	9.07	24.9	0.112	0.00271	6.21	0.0149	0.0457	0.000438	0.000839	0.00043	0.522	0.00000273	0.0028	0.00102	0.00206	0
2074 Nov	0.0694	0.0000216	9.69	26.8	0.116	0.00292	6.21	0.016	0.0449	0.000428	0.000895	0.000458	0.555	0.00000278	0.00303	0.00103	0.00209	0
2074 Dec	0.0693	0.0000217	9.8	27.1	0.116	0.00295	6.21	0.0162	0.0447	0.000427	0.000904	0.000463	0.56	0.00000279	0.00307	0.00104	0.00209	0
2075 Jan	0.0693	0.0000218	9.82	27.1	0.117	0.00296	6.22	0.0162	0.0447	0.000427	0.000906	0.000464	0.561	0.00000279	0.00308	0.00104	0.00209	0
2075 Feb	0.0693	0.0000218	9.83	27.2	0.117	0.00296	6.22	0.0162	0.0447	0.000427	0.000907	0.000464	0.562	0.00000279	0.00308	0.00104	0.00209	0
2075 Mar	0.0693	0.0000218	9.85	27.2	0.117	0.00297	6.22	0.0163	0.0448	0.000427	0.000908	0.000465	0.563	0.0000028	0.00309	0.00104	0.0021	0
2075 Apr	0.0696	0.0000219	9.9	27.3	0.117	0.00298	6.25	0.0163	0.045	0.000429	0.000913	0.000467	0.566	0.00000281	0.0031	0.00104	0.00211	0
2075 May	0.0703	0.0000228	10.5	29	0.123	0.00316	6.35	0.0174	0.045	0.000436	0.000966	0.000494	0.597	0.00000288	0.00331	0.00108	0.00216	0
2075 Jun	0.0627	0.0000199	8.49	23.3	0.0998	0.00254	5.45	0.014	0.0433	0.000361	0.000809	0.000401	0.483	0.00000264	0.00264	0.00094	0.00208	0
2075 Jul	0.0617	0.0000196	8.14	22.3	0.0953	0.00242	5.29	0.0134	0.0439	0.000344	0.000786	0.000384	0.463	0.00000264	0.00252	0.000919	0.00211	0
2075 Aug	0.0628	0.0000203	8.53	23.4	0.0986	0.00255	5.42	0.0141	0.0448	0.000347	0.000821	0.000402	0.484	0.00000273	0.00266	0.000941	0.00217	0
2075 Sep	0.0629	0.0000209	8.86	24.3	0.101	0.00266	5.47	0.0147	0.045	0.000345	0.000849	0.000417	0.502	0.00000278	0.00277	0.000952	0.0022	0
2075 Oct	0.0619	0.000021	8.96	24.6	0.101	0.0027	5.43	0.0149	0.0447	0.000335	0.000855	0.000422	0.507	0.00000277	0.00282	0.000941	0.00218	0
2075 Nov	0.0617	0.0000211	9.06	24.9	0.101	0.00273	5.43	0.015	0.0446	0.000331	0.000863	0.000426	0.512	0.00000278	0.00285	0.000941	0.00218	0
2075 Dec	0.0617	0.0000212	9.09	25	0.101	0.00274	5.43	0.0151	0.0446	0.000331	0.000866	0.000427	0.514	0.00000279	0.00286	0.000942	0.00218	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0617	0.0000212	9.1	25	0.101	0.00275	5.44	0.0151	0.0446	0.000331	0.000866	0.000427	0.514	0.00000279	0.00287	0.000942	0.00218	0
2076 Feb	0.0617	0.0000212	9.1	25	0.101	0.00275	5.44	0.0151	0.0447	0.000331	0.000866	0.000428	0.515	0.00000279	0.00287	0.000943	0.00218	0
2076 Mar	0.0618	0.0000212	9.11	25	0.101	0.00275	5.44	0.0151	0.0447	0.000331	0.000867	0.000428	0.515	0.00000279	0.00287	0.000944	0.00218	0
2076 Apr	0.0619	0.0000213	9.13	25.1	0.102	0.00276	5.46	0.0152	0.0448	0.000332	0.000869	0.000429	0.516	0.0000028	0.00288	0.000946	0.00219	0
2076 May	0.0647	0.000021	8.95	24.6	0.103	0.00268	5.6	0.0148	0.0458	0.000361	0.000853	0.000422	0.508	0.00000279	0.0028	0.00097	0.0022	0
2076 Jun	0.0672	0.000018	7.21	19.6	0.0947	0.00209	5.42	0.0117	0.045	0.00041	0.000699	0.000344	0.417	0.00000251	0.00216	0.000944	0.00204	0
2076 Jul	0.068	0.0000184	7.35	19.9	0.0958	0.00214	5.48	0.0119	0.046	0.00041	0.000715	0.00035	0.425	0.00000258	0.00221	0.000958	0.00209	0
2076 Aug	0.0704	0.0000195	7.86	21.4	0.101	0.00229	5.7	0.0128	0.0477	0.000422	0.000761	0.000374	0.453	0.00000271	0.00237	0.000998	0.00219	0
2076 Sep	0.0704	0.0000202	8.28	22.6	0.104	0.00243	5.75	0.0135	0.0479	0.000419	0.000798	0.000393	0.476	0.00000277	0.00252	0.00101	0.00222	0
2076 Oct	0.0678	0.00002	8.3	22.6	0.101	0.00246	5.6	0.0136	0.0468	0.000393	0.000793	0.000393	0.475	0.00000273	0.00254	0.000977	0.00216	0
2076 Nov	0.0671	0.0000202	8.42	23	0.102	0.0025	5.57	0.0138	0.0465	0.000386	0.000803	0.000398	0.482	0.00000273	0.00259	0.000972	0.00215	0
2076 Dec	0.067	0.0000203	8.48	23.2	0.102	0.00253	5.57	0.0139	0.0465	0.000386	0.000808	0.000401	0.485	0.00000274	0.00262	0.000974	0.00216	0
2077 Jan	0.067	0.0000203	8.49	23.2	0.102	0.00253	5.57	0.0139	0.0465	0.000386	0.000809	0.000402	0.486	0.00000274	0.00262	0.000975	0.00216	0
2077 Feb	0.067	0.0000203	8.49	23.2	0.102	0.00253	5.57	0.0139	0.0465	0.000386	0.000809	0.000402	0.486	0.00000274	0.00262	0.000975	0.00216	0
2077 Mar	0.0671	0.0000203	8.5	23.2	0.102	0.00253	5.58	0.0139	0.0465	0.000386	0.000809	0.000402	0.486	0.00000274	0.00262	0.000975	0.00216	0
2077 Apr	0.0673	0.0000204	8.52	23.3	0.103	0.00254	5.59	0.014	0.0467	0.000387	0.000812	0.000403	0.487	0.00000275	0.00263	0.000979	0.00216	0
2077 May	0.0694	0.0000202	8.4	22.9	0.104	0.00249	5.7	0.0137	0.0473	0.000411	0.000801	0.000398	0.482	0.00000274	0.00257	0.000998	0.00217	0
2077 Jun	0.0709	0.0000178	7.13	19.3	0.0982	0.00205	5.53	0.0115	0.0459	0.000451	0.000689	0.000342	0.416	0.00000251	0.00211	0.000982	0.00203	0
2077 Jul	0.0727	0.0000187	7.47	20.3	0.101	0.00216	5.67	0.012	0.0476	0.000457	0.000724	0.000358	0.435	0.00000262	0.00223	0.00101	0.00213	0
2077 Aug	0.075	0.0000197	7.93	21.5	0.106	0.0023	5.88	0.0128	0.0492	0.000469	0.000766	0.000379	0.461	0.00000274	0.00237	0.00105	0.00222	0
2077 Sep	0.0703	0.0000193	7.84	21.3	0.101	0.0023	5.61	0.0127	0.0474	0.000424	0.000748	0.000373	0.453	0.00000267	0.00237	0.000983	0.00211	0
2077 Oct	0.0688	0.0000195	8.03	21.9	0.101	0.00238	5.54	0.0131	0.0469	0.000406	0.000761	0.000381	0.463	0.00000268	0.00244	0.000969	0.00209	0
2077 Nov	0.0687	0.0000197	8.15	22.2	0.101	0.00242	5.54	0.0133	0.0469	0.000405	0.000771	0.000386	0.469	0.00000269	0.00249	0.000972	0.0021	0
2077 Dec	0.0687	0.0000197	8.17	22.3	0.102	0.00243	5.54	0.0133	0.0469	0.000405	0.000773	0.000388	0.47	0.00000269	0.00249	0.000973	0.0021	0
2078 Jan	0.0687	0.0000198	8.18	22.3	0.102	0.00243	5.54	0.0133	0.0469	0.000405	0.000774	0.000388	0.471	0.0000027	0.0025	0.000973	0.0021	0
2078 Feb	0.0687	0.0000198	8.18	22.3	0.102	0.00243	5.55	0.0133	0.0469	0.000405	0.000774	0.000388	0.471	0.0000027	0.0025	0.000973	0.0021	0
2078 Mar	0.0687	0.0000198	8.19	22.3	0.102	0.00243	5.55	0.0133	0.0469	0.000405	0.000774	0.000388	0.471	0.0000027	0.0025	0.000974	0.0021	0
2078 Apr	0.0692	0.0000199	8.23	22.5	0.102	0.00244	5.58	0.0134	0.0472	0.000407	0.000779	0.00039	0.474	0.00000271	0.00251	0.000979	0.00212	0
2078 May	0.0736	0.0000193	7.93	21.6	0.106	0.00232	5.76	0.0128	0.0476	0.000465	0.000752	0.000379	0.461	0.00000266	0.00238	0.00102	0.00209	0
2078 Jun	0.0753	0.0000173	6.92	18.7	0.102	0.00197	5.68	0.011	0.0463	0.000506	0.000661	0.000334	0.409	0.00000245	0.00201	0.00102	0.00197	0
2078 Jul	0.0781	0.0000183	7.34	19.9	0.107	0.00209	5.9	0.0117	0.0483	0.000522	0.000701	0.000354	0.433	0.00000258	0.00215	0.00106	0.00207	0
2078 Aug	0.0785	0.0000191	7.77	21.1	0.11	0.00223	5.97	0.0125	0.0488	0.000519	0.000739	0.000374	0.456	0.00000266	0.0023	0.00107	0.00212	0
2078 Sep	0.0776	0.0000199	8.28	22.6	0.113	0.0024	5.96	0.0134	0.0485	0.000507	0.000782	0.000396	0.483	0.00000272	0.00248	0.00108	0.00214	0
2078 Oct	0.0753	0.0000204	8.68	23.8	0.114	0.00255	5.84	0.0141	0.0475	0.000485	0.000815	0.000414	0.503	0.00000274	0.00264	0.00107	0.00213	0
2078 Nov	0.0748	0.0000205	8.78	24.1	0.114	0.00259	5.82	0.0143	0.0473	0.00048	0.000823	0.000418	0.508	0.00000275	0.00268	0.00107	0.00213	0
2078 Dec	0.0748	0.0000205	8.81	24.1	0.114	0.0026	5.82	0.0143	0.0473	0.000479	0.000826	0.00042	0.51	0.00000275	0.00269	0.00107	0.00213	0
2079 Jan	0.0747	0.0000206	8.84	24.2	0.114	0.00261	5.82	0.0144	0.0473	0.000479	0.000828	0.000421	0.511	0.00000276	0.0027	0.00107	0.00213	0
2079 Feb	0.0747	0.0000206	8.85	24.2	0.114	0.00261	5.82	0.0144	0.0473	0.000479	0.000829	0.000421	0.512	0.00000276	0.0027	0.00107	0.00213	0
2079 Mar	0.0748	0.0000206	8.86	24.3	0.114	0.00261	5.82	0.0144	0.0473	0.000479	0.00083	0.000422	0.512	0.00000276	0.0027	0.00107	0.00213	0
2079 Apr	0.075	0.0000207	8.89	24.4	0.115	0.00262	5.84	0.0145	0.0474	0.000481	0.000833	0.000423	0.514	0.00000277	0.00271	0.00107	0.00214	0
2079 May	0.0762	0.0000209	8.99	24.6	0.116	0.00265	5.93	0.0146	0.0481	0.000489	0.000842	0.000428	0.52	0.0000028	0.00274	0.00109	0.00217	0
2079 Jun	0.0689	0.0000178	7.06	19.1	0.0955	0.00203	5.17	0.0114	0.0455	0.000429	0.000686	0.000338	0.41	0.00000251	0.0021	0.000959	0.00204	0
2079 Jul	0.0675	0.0000178	7	19	0.0931	0.00202	5.05	0.0113	0.0455	0.00041	0.000686	0.000335	0.406	0.00000252	0.00209	0.000942	0.00206	0
2079 Aug	0.0691	0.0000188	7.48	20.3	0.0973	0.00217	5.19	0.0121	0.0467	0.000416	0.000729	0.000357	0.432	0.00000263	0.00225	0.000971	0.00214	0
2079 Sep	0.0668	0.0000189	7.63	20.7	0.0961	0.00224	5.08	0.0124	0.046	0.000392	0.000736	0.000363	0.439	0.00000262	0.00231	0.000943	0.0021	0
2079 Oct	0.065	0.000019	7.75	21.1	0.0951	0.00229	4.99	0.0126	0.0454	0.000373	0.000741	0.000367	0.445	0.00000261	0.00237	0.000922	0.00206	0
2079 Nov	0.0642	0.000019	7.73	21.1	0.0941	0.0023	4.95	0.0126	0.0453	0.000364	0.000737	0.000366	0.443	0.0000026	0.00236	0.000909	0.00204	0
2079 Dec	0.0637	0.0000189	7.71	21	0.0933	0.0023	4.93	0.0126	0.0452	0.000357	0.000733	0.000365	0.442	0.00000259	0.00236	0.000898	0.00203	0
2080 Jan	0.0637	0.0000189	7.72	21	0.0933	0.0023	4.93	0.0126	0.0452	0.000356	0.000734	0.000365	0.442	0.00000259	0.00236	0.000899	0.00203	0
2080 Feb	0.0637	0.0000189	7.72	21	0.0933	0.0023	4.93	0.0126	0.0452	0.000357	0.000734	0.000365	0.442	0.00000259	0.00236	0.000899	0.00203	0
2080 Mar	0.0637	0.0000189	7.72	21	0.0934	0.0023	4.93	0.0126	0.0452	0.000357	0.000734	0.000365	0.442	0.0000026	0.00236	0.000899	0.00203	0
2080 Apr	0.0639	0.000019	7.74	21.1	0.0936	0.00231	4.94	0.0126	0.0453	0.000358	0.000735	0.000366	0.443	0.0000026	0.00237	0.000901	0.00203	0
2080 May	0.0649	0.0000192	7.85	21.4	0.0951	0.00234	5.02	0.0128	0.046	0.000363	0.000747	0.000371	0.45	0.00000264	0.0024	0.000916	0.00206	0
2080 Jun	0.0605	0.0000177	6.82	18.4	0.083	0.00201	4.58	0.0111	0.0449	0.000322	0.000668	0.000323	0.391	0.00000251	0.00206	0.000845	0.00203	0
2080 Jul	0.0591	0.0000174	6.56	17.7	0.0791	0.00193	4.44	0.0107	0.0449	0.000304	0.00065	0.00031	0.375	0.0000025	0.00198	0.00082	0.00204	0
2080 Aug	0.0597	0.000018	6.82	18.4	0.0809	0.00201	4.51	0.0111	0.0456	0.000304	0.000671	0.000322	0.389	0.00000256	0.00206	0.000827	0.00207	0
2080 Sep	0.0584	0.0000181	6.95	18.8	0.0806	0.00207	4.46	0.0113	0.0451	0.00029	0.000678	0.000327	0.395	0.00000256	0.00212	0.00081	0.00205	0
2080 Oct	0.0573	0.0000184	7.21	19.5	0.0815	0.00216	4.42	0.0118	0.0446	0.000279	0.000697	0.000339	0.409	0.00000257	0.00221	0.000805	0.00203	0
2080 Nov	0.0566	0.0000185	7.32	19.9	0.0817	0.00221	4.39	0.012	0.0443	0.000272	0.000704	0.000344	0.415	0.00000257	0.00226	0.000799	0.00202	0
2080 Dec	0.0565	0.0000186	7.38	20.1	0.0821	0.00223	4.38	0.0121	0.0442	0.000271	0.000709	0.000346	0.418	0.00000258	0.00228	0.0008	0.00202	0
2081 Jan	0.0565	0.0000186	7.39	20.1	0.0821	0.00223	4.38	0.0121	0.0442	0.000271	0.00071	0.000346	0.418	0.00000258	0.00228	0.0008	0.00202	0
2081 Feb	0.0565	0.0000186	7.39	20.1	0.0822	0.00223	4.39	0.0121	0.0442	0.000271	0.00071	0.000346	0.418	0.00000258	0.00228	0.0008	0.00202	0
2081 Mar	0.0566	0.0000186	7.39	20.1	0.0822	0.00223	4.39	0.0121	0.0442	0.000271	0.00071	0.000347	0.418	0.00000258	0.00228	0.000801	0.00202	0
2081 Apr	0.0568	0.0000187	7.42	20.1	0.0825	0.00224	4.4	0.0122	0.0444	0.000272	0.000712	0.000348	0.42	0.00000259	0.00229	0.000804	0.00203	0
2081 May	0.0619	0.0000181	7.03	19	0.0854	0.00209	4.68	0.0114	0.0457	0.00033	0.000677	0.000332	0.403	0.00000255	0.00213	0.000849	0.00202	0
2081 Jun	0.0653	0.0000168	6.31	17	0.0849	0.00183	4.8	0.0101	0.0455	0.00038	0.000614	0.000301	0.367	0.00000243	0.00185	0.00087	0.00196	0
2081 Jul	0.0684	0.0000177	6.7	18	0.0895	0.00194	5.03	0.0107	0.0478	0.000397	0.000652	0.00032	0.39	0.00000256	0.00197	0.000915	0.00207	0
2081 Aug	0.0715	0.0000189	7.22	19.4	0.0949	0.0021	5.26	0.0116	0.05	0.000413	0.0007	0.000344	0.418	0.00000271	0.00214	0.000962	0.00217	0
2081 Sep	0.0701	0.0000193	7.52	20.3	0.0959	0.00221	5.21	0.0122	0.0494	0.000399	0.000723	0.000357	0.434	0.00000273	0.00225	0.000954	0.00217	0
2081 Oct	0.0691	0.0000198	7.87	21.3	0.0976	0.00233	5.16	0.0128	0.0489	0.000389	0.000752	0.000373	0.452	0.00000276	0.00238	0.000956	0.00217	0
2081 Nov	0.0675	0.0000197	7.93	21.6	0.0967	0.00236	5.07	0.0129	0.0482	0.000375	0.000754	0.000375	0.455	0.00000274	0.00241	0.000938	0.00214	0
2081 Dec	0.0673	0.0000197	7.92	21.5	0.0963	0.00236	5.06	0.0129	0.0482	0.000372	0.000753	0.000374	0.454	0.00000273	0.00241	0.000933	0.00213	0
2082 Jan	0.0673	0.0000197	7.93	21.5	0.0964	0.00236	5.06	0.0129	0.0482	0.000372	0.000753	0.000375	0.455	0.00000273	0.00241	0.000934	0.00213	0
2082 Feb	0.0673	0.0000197	7.93	21.5	0.0964	0.00236	5.06	0.0129	0.0482	0.000372	0.000753	0.000375	0.455	0.00000273	0.00241	0.000934	0.00213	0
2082 Mar	0.0674	0.0000197	7.93	21.6	0.0965	0.00236	5.07	0.0129	0.0482	0.000372	0.000753	0.000375	0.455	0.00000273	0.00241	0.000935	0.00213	0
2082 Apr	0.0675	0.0000198	7.95	21.6	0.0968	0.00237	5.08	0.013	0.0484	0.000373	0.000755	0.000376	0.456	0.00000274	0.00242	0.000937	0.00214	0
2082 May	0.0685	0.0000201	8.06	21.9	0.0981	0.0024	5.15	0.0131	0.049	0.000378	0.000766	0.000381	0.462	0.00000278	0.00245	0.00095	0.00217	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.0594	0.0000182	7.03	19	0.0827	0.00208	4.36	0.0115	0.0451	0.000304	0.000692	0.000331	0.4	0.00000257	0.00214	0.000844	0.00209	0
2082 Jul	0.056	0.0000173	6.42	17.3	0.0748	0.00189	4.06	0.0105	0.0442	0.000272	0.000646	0.000302	0.364	0.00000248	0.00194	0.000793	0.00207	0
2082 Aug	0.0575	0.000018	6.74	18.1	0.0777	0.00199	4.18	0.011	0.0454	0.000277	0.000675	0.000317	0.382	0.00000258	0.00205	0.000815	0.00213	0
2082 Sep	0.0575	0.0000183	6.9	18.6	0.0787	0.00205	4.21	0.0113	0.0457	0.000274	0.000688	0.000325	0.391	0.00000261	0.0021	0.000817	0.00214	0
2082 Oct	0.0552	0.000018	6.85	18.5	0.0763	0.00205	4.09	0.0112	0.0446	0.000253	0.000674	0.000321	0.387	0.00000255	0.0021	0.00078	0.00206	0
2082 Nov	0.0551	0.0000182	7	18.9	0.0772	0.0021	4.09	0.0115	0.0446	0.000251	0.000686	0.000328	0.395	0.00000256	0.00215	0.000783	0.00206	0
2082 Dec	0.055	0.0000183	7.06	19.1	0.0777	0.00212	4.09	0.0116	0.0445	0.000251	0.000692	0.000331	0.398	0.00000257	0.00217	0.000785	0.00207	0
2083 Jan	0.0551	0.0000183	7.06	19.1	0.0777	0.00212	4.09	0.0116	0.0446	0.000251	0.000692	0.000331	0.399	0.00000257	0.00218	0.000786	0.00207	0
2083 Feb	0.0551	0.0000183	7.07	19.1	0.0778	0.00212	4.1	0.0116	0.0446	0.000251	0.000692	0.000331	0.399	0.00000257	0.00218	0.000786	0.00207	0
2083 Mar	0.0551	0.0000183	7.07	19.1	0.0778	0.00213	4.1	0.0116	0.0446	0.000251	0.000693	0.000331	0.399	0.00000257	0.00218	0.000787	0.00207	0
2083 Apr	0.0554	0.0000184	7.1	19.2	0.0781	0.00213	4.11	0.0117	0.0448	0.000252	0.000695	0.000332	0.401	0.00000258	0.00219	0.00079	0.00208	0
2083 May	0.0591	0.0000188	7.4	20.1	0.085	0.00221	4.33	0.0121	0.0452	0.000297	0.000721	0.000348	0.42	0.00000261	0.00227	0.000848	0.0021	0
2083 Jun	0.0637	0.0000172	6.71	18.1	0.0875	0.00195	4.51	0.0108	0.044	0.000375	0.000657	0.00032	0.388	0.00000243	0.00201	0.000889	0.00199	0
2083 Jul	0.0643	0.0000177	6.91	18.7	0.0889	0.00201	4.55	0.0112	0.0448	0.000374	0.000678	0.000329	0.399	0.0000025	0.00207	0.0009	0.00204	0
2083 Aug	0.0643	0.0000182	7.15	19.4	0.0897	0.00209	4.56	0.0116	0.0453	0.000366	0.000696	0.00034	0.411	0.00000256	0.00216	0.000893	0.00206	0
2083 Sep	0.0626	0.0000185	7.41	20.1	0.0898	0.00219	4.49	0.0121	0.0447	0.000347	0.000713	0.00035	0.424	0.00000257	0.00226	0.000877	0.00203	0
2083 Oct	0.0595	0.0000183	7.4	20.1	0.0867	0.00222	4.33	0.0121	0.0437	0.000316	0.000704	0.000349	0.422	0.00000252	0.00227	0.000834	0.00196	0
2083 Nov	0.0587	0.0000184	7.49	20.4	0.0866	0.00225	4.29	0.0123	0.0434	0.000308	0.000709	0.000352	0.426	0.00000252	0.00231	0.000825	0.00194	0
2083 Dec	0.0586	0.0000185	7.53	20.5	0.0869	0.00227	4.29	0.0124	0.0433	0.000307	0.000713	0.000354	0.429	0.00000252	0.00233	0.000827	0.00194	0
2084 Jan	0.0587	0.0000185	7.53	20.5	0.0869	0.00227	4.29	0.0124	0.0433	0.000307	0.000713	0.000354	0.429	0.00000252	0.00233	0.000827	0.00194	0
2084 Feb	0.0587	0.0000185	7.53	20.5	0.0869	0.00227	4.29	0.0124	0.0433	0.000307	0.000713	0.000354	0.429	0.00000252	0.00233	0.000827	0.00194	0
2084 Mar	0.0587	0.0000185	7.54	20.6	0.087	0.00227	4.29	0.0124	0.0434	0.000308	0.000714	0.000355	0.429	0.00000252	0.00233	0.000828	0.00195	0
2084 Apr	0.0591	0.0000186	7.58	20.7	0.0875	0.00228	4.32	0.0124	0.0436	0.000309	0.000718	0.000357	0.432	0.00000254	0.00234	0.000833	0.00196	0
2084 May	0.064	0.0000183	7.42	20.2	0.0918	0.0022	4.6	0.0121	0.0448	0.000365	0.000704	0.000351	0.427	0.00000253	0.00226	0.000886	0.00197	0
2084 Jun	0.0672	0.0000164	6.38	17.2	0.0896	0.00184	4.71	0.0102	0.0441	0.000421	0.000612	0.000306	0.374	0.00000234	0.00187	0.000898	0.00187	0
2084 Jul	0.0688	0.0000171	6.68	18	0.0924	0.00193	4.82	0.0107	0.0454	0.000428	0.000641	0.00032	0.39	0.00000243	0.00197	0.000924	0.00194	0
2084 Aug	0.0701	0.0000179	7.06	19.1	0.0957	0.00205	4.93	0.0113	0.0464	0.000433	0.000675	0.000338	0.412	0.00000252	0.00209	0.000947	0.002	0
2084 Sep	0.0685	0.0000182	7.36	20	0.0964	0.00215	4.85	0.0119	0.0457	0.000416	0.000698	0.00035	0.426	0.00000254	0.00221	0.000936	0.00199	0
2084 Oct	0.0661	0.0000184	7.51	20.5	0.0952	0.00223	4.72	0.0122	0.0449	0.000391	0.000707	0.000357	0.434	0.00000253	0.00228	0.00091	0.00196	0
2084 Nov	0.0653	0.0000184	7.56	20.6	0.0946	0.00225	4.68	0.0123	0.0447	0.000382	0.000709	0.000358	0.436	0.00000253	0.0023	0.0009	0.00194	0
2084 Dec	0.0652	0.0000185	7.59	20.7	0.0949	0.00226	4.68	0.0123	0.0447	0.000382	0.000712	0.00036	0.438	0.00000253	0.00231	0.000902	0.00194	0
2085 Jan	0.0652	0.0000185	7.62	20.8	0.095	0.00227	4.68	0.0124	0.0446	0.000382	0.000714	0.000361	0.439	0.00000253	0.00232	0.000902	0.00195	0
2085 Feb	0.0652	0.0000185	7.62	20.8	0.0951	0.00227	4.68	0.0124	0.0447	0.000382	0.000715	0.000361	0.439	0.00000253	0.00232	0.000903	0.00195	0
2085 Mar	0.0653	0.0000185	7.62	20.8	0.0951	0.00227	4.68	0.0124	0.0447	0.000382	0.000715	0.000361	0.439	0.00000253	0.00232	0.000903	0.00195	0
2085 Apr	0.0655	0.0000186	7.64	20.8	0.0954	0.00227	4.7	0.0124	0.0448	0.000383	0.000717	0.000362	0.44	0.00000254	0.00233	0.000906	0.00195	0
2085 May	0.0688	0.0000184	7.58	20.6	0.0986	0.00223	4.88	0.0123	0.0455	0.000421	0.000712	0.000361	0.439	0.00000254	0.00228	0.000944	0.00197	0
2085 Jun	0.0717	0.0000176	7.07	19.2	0.0987	0.00205	5.02	0.0113	0.0458	0.00046	0.000668	0.000339	0.414	0.00000247	0.00209	0.000966	0.00194	0
2085 Jul	0.0739	0.0000185	7.47	20.3	0.103	0.00217	5.17	0.012	0.0474	0.000471	0.000706	0.000358	0.437	0.00000258	0.00222	0.001	0.00202	0
2085 Aug	0.0729	0.0000191	7.88	21.5	0.105	0.00231	5.13	0.0127	0.0471	0.000459	0.00074	0.000376	0.458	0.00000263	0.00237	0.000998	0.00204	0
2085 Sep	0.0694	0.0000194	8.16	22.3	0.103	0.00242	4.94	0.0133	0.0457	0.000424	0.00076	0.000388	0.471	0.00000263	0.00249	0.000964	0.002	0
2085 Oct	0.0668	0.0000196	8.39	23	0.103	0.00251	4.79	0.0137	0.0447	0.000398	0.000776	0.000397	0.482	0.00000262	0.00258	0.000941	0.00197	0
2085 Nov	0.0654	0.0000196	8.44	23.1	0.102	0.00254	4.71	0.0138	0.0442	0.000384	0.000778	0.000399	0.484	0.00000261	0.00261	0.000925	0.00195	0
2085 Dec	0.0654	0.0000197	8.46	23.2	0.102	0.00255	4.71	0.0139	0.0442	0.000384	0.00078	0.0004	0.485	0.00000261	0.00262	0.000926	0.00195	0
2086 Jan	0.0654	0.0000197	8.47	23.2	0.102	0.00255	4.71	0.0139	0.0442	0.000384	0.000781	0.0004	0.485	0.00000261	0.00262	0.000926	0.00195	0
2086 Feb	0.0654	0.0000197	8.47	23.2	0.102	0.00255	4.71	0.0139	0.0442	0.000384	0.000781	0.0004	0.485	0.00000261	0.00262	0.000926	0.00195	0
2086 Mar	0.0654	0.0000197	8.47	23.2	0.102	0.00255	4.71	0.0139	0.0442	0.000384	0.000781	0.0004	0.486	0.00000261	0.00262	0.000927	0.00195	0
2086 Apr	0.0657	0.0000198	8.5	23.3	0.102	0.00256	4.73	0.0139	0.0444	0.000386	0.000784	0.000402	0.488	0.00000262	0.00263	0.000931	0.00196	0
2086 May	0.0675	0.0000199	8.58	23.5	0.104	0.00258	4.84	0.014	0.0451	0.000402	0.000791	0.000406	0.493	0.00000265	0.00265	0.000953	0.00199	0
2086 Jun	0.0674	0.0000174	7.07	19.2	0.0947	0.00206	4.7	0.0114	0.0442	0.00042	0.000669	0.000337	0.411	0.00000243	0.00211	0.000922	0.00191	0
2086 Jul	0.0678	0.000018	7.24	19.7	0.0953	0.00212	4.71	0.0117	0.0452	0.000414	0.00069	0.000345	0.42	0.00000251	0.00217	0.000932	0.00198	0
2086 Aug	0.0679	0.0000188	7.7	21	0.0982	0.00227	4.74	0.0125	0.0456	0.000408	0.00073	0.000366	0.445	0.00000259	0.00233	0.000942	0.00202	0
2086 Sep	0.0652	0.0000191	7.96	21.7	0.0976	0.00237	4.61	0.013	0.0446	0.000381	0.000747	0.000377	0.457	0.0000026	0.00244	0.000915	0.002	0
2086 Oct	0.0642	0.0000196	8.29	22.7	0.0991	0.00248	4.55	0.0136	0.0441	0.00037	0.000775	0.000392	0.474	0.00000263	0.00256	0.000915	0.002	0
2086 Nov	0.0643	0.0000197	8.37	22.9	0.0997	0.00251	4.56	0.0137	0.0441	0.00037	0.000782	0.000395	0.479	0.00000264	0.00259	0.000918	0.00201	0
2086 Dec	0.0642	0.0000198	8.41	23	0.1	0.00252	4.56	0.0138	0.0441	0.00037	0.000785	0.000397	0.481	0.00000264	0.0026	0.00092	0.00201	0
2087 Jan	0.0642	0.0000198	8.41	23.1	0.1	0.00252	4.56	0.0138	0.0441	0.00037	0.000786	0.000398	0.481	0.00000264	0.00261	0.00092	0.00201	0
2087 Feb	0.0642	0.0000198	8.42	23.1	0.1	0.00252	4.56	0.0138	0.0441	0.00037	0.000786	0.000398	0.481	0.00000264	0.00261	0.00092	0.00201	0
2087 Mar	0.0643	0.0000198	8.42	23.1	0.1	0.00253	4.56	0.0138	0.0442	0.000371	0.000787	0.000398	0.482	0.00000265	0.00261	0.000921	0.00201	0
2087 Apr	0.0644	0.0000198	8.44	23.1	0.1	0.00253	4.57	0.0139	0.0443	0.000371	0.000788	0.000399	0.483	0.00000265	0.00261	0.000923	0.00202	0
2087 May	0.0668	0.0000195	8.22	22.5	0.101	0.00245	4.71	0.0134	0.0449	0.000397	0.000769	0.000389	0.472	0.00000263	0.00252	0.000942	0.00201	0
2087 Jun	0.0712	0.0000176	7.07	19.2	0.0984	0.00204	4.92	0.0113	0.0454	0.000457	0.000669	0.000339	0.414	0.00000247	0.00209	0.00096	0.00194	0
2087 Jul	0.0722	0.0000183	7.42	20.1	0.101	0.00215	4.98	0.0119	0.0463	0.000459	0.000702	0.000355	0.433	0.00000256	0.00221	0.000979	0.002	0
2087 Aug	0.0741	0.0000192	7.85	21.4	0.105	0.00229	5.12	0.0127	0.0477	0.000468	0.000741	0.000376	0.457	0.00000267	0.00235	0.00101	0.00208	0
2087 Sep	0.0741	0.00002	8.3	22.6	0.108	0.00244	5.13	0.0135	0.0479	0.000464	0.00078	0.000396	0.481	0.00000273	0.00251	0.00103	0.00211	0
2087 Oct	0.0724	0.0000203	8.57	23.4	0.109	0.00253	5.04	0.014	0.0472	0.000448	0.000802	0.000408	0.495	0.00000274	0.00262	0.00102	0.0021	0
2087 Nov	0.0719	0.0000203	8.61	23.6	0.109	0.00255	5	0.014	0.047	0.000442	0.000804	0.000409	0.496	0.00000274	0.00263	0.00101	0.0021	0
2087 Dec	0.0718	0.0000204	8.67	23.7	0.109	0.00257	5	0.0141	0.0469	0.000441	0.00081	0.000412	0.5	0.00000274	0.00266	0.00101	0.0021	0
2088 Jan	0.0718	0.0000204	8.68	23.8	0.109	0.00258	5	0.0142	0.0469	0.000441	0.000811	0.000412	0.5	0.00000274	0.00266	0.00101	0.0021	0
2088 Feb	0.0718	0.0000204	8.68	23.8	0.109	0.00258	5	0.0142	0.0469	0.000441	0.000811	0.000412	0.5	0.00000274	0.00266	0.00101	0.0021	0
2088 Mar	0.0718	0.0000204	8.69	23.8	0.109	0.00258	5	0.0142	0.047	0.000442	0.000812	0.000413	0.501	0.00000275	0.00266	0.00101	0.0021	0
2088 Apr	0.0724	0.0000206	8.76	24	0.11	0.0026	5.04	0.0143	0.0473	0.000445	0.000818	0.000416	0.505	0.00000277	0.00268	0.00102	0.00212	0
2088 May	0.0739	0.000021	8.92	24.4	0.112	0.00264	5.14	0.0146	0.0482	0.000454	0.000833	0.000424	0.514	0.00000282	0.00273	0.00104	0.00216	0
2088 Jun	0.0685	0.000019	7.63	20.7	0.0972	0.00224	4.71	0.0124	0.0469	0.000403	0.000733	0.000363	0.44	0.00000265	0.0023	0.000954	0.00211	0
2088 Jul	0.0694	0.0000195	7.75	21	0.0979	0.00227	4.76	0.0126	0.0483	0.000401	0.00075	0.000368	0.446	0.00000273	0.00234	0.00097	0.00219	0
2088 Aug	0.0728	0.0000209	8.37	22.7	0.104	0.00246	4.99	0.0136	0.0507	0.000419	0.000808	0.000397	0.481	0.0000029	0.00254	0.00102	0.00232	0
2088 Sep	0.0728	0.0000216	8.8	24	0.107	0.0026	5	0.0144	0.0508	0.000416	0.000846	0.000417	0.504	0.00000296	0.00269	0.00104	0.00235	0
2088 Oct	0.0688	0.000021	8.6	23.5	0.102	0.00257	4.77	0.0141	0.0491	0.00038	0.000819	0.000406	0.491	0.00000286	0.00264	0.00098	0.00224	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.0681	0.0000208	8.54	23.3	0.101	0.00256	4.74	0.014	0.0489	0.000372	0.000811	0.000403	0.488	0.00000285	0.00263	0.000966	0.00222	0
2088 Dec	0.068	0.0000209	8.58	23.4	0.101	0.00257	4.74	0.0141	0.0489	0.000372	0.000815	0.000405	0.49	0.00000285	0.00264	0.000967	0.00222	0
2089 Jan	0.068	0.0000209	8.58	23.4	0.101	0.00257	4.74	0.0141	0.0489	0.000372	0.000815	0.000405	0.49	0.00000285	0.00264	0.000967	0.00222	0
2089 Feb	0.068	0.0000209	8.58	23.4	0.101	0.00257	4.74	0.0141	0.0489	0.000372	0.000815	0.000405	0.49	0.00000285	0.00264	0.000968	0.00222	0
2089 Mar	0.0681	0.0000209	8.59	23.4	0.102	0.00257	4.74	0.0141	0.0489	0.000373	0.000816	0.000405	0.491	0.00000285	0.00265	0.000969	0.00222	0
2089 Apr	0.0685	0.000021	8.64	23.6	0.102	0.00259	4.77	0.0142	0.0492	0.000374	0.00082	0.000407	0.493	0.00000287	0.00266	0.000974	0.00223	0
2089 May	0.0715	0.0000206	8.34	22.7	0.103	0.00247	4.95	0.0136	0.0499	0.000409	0.000794	0.000395	0.48	0.00000284	0.00254	0.000999	0.00222	0
2089 Jun	0.0759	0.0000189	7.41	20	0.102	0.00214	5.18	0.0119	0.0501	0.000471	0.000711	0.000355	0.433	0.00000269	0.00218	0.00102	0.00215	0
2089 Jul	0.0769	0.0000198	7.89	21.4	0.106	0.00229	5.24	0.0127	0.051	0.000472	0.000754	0.000377	0.459	0.00000279	0.00235	0.00104	0.00222	0
2089 Aug	0.0779	0.0000208	8.39	22.8	0.11	0.00245	5.32	0.0136	0.0519	0.000473	0.000799	0.0004	0.486	0.0000029	0.00252	0.00107	0.00228	0
2089 Sep	0.0765	0.0000215	8.87	24.2	0.112	0.00261	5.23	0.0144	0.0513	0.000459	0.000839	0.000421	0.511	0.00000294	0.0027	0.00107	0.00229	0
2089 Oct	0.0715	0.0000211	8.81	24.1	0.107	0.00263	4.95	0.0144	0.0492	0.000412	0.000825	0.000416	0.506	0.00000285	0.00271	0.001	0.00218	0
2089 Nov	0.0711	0.0000211	8.84	24.2	0.107	0.00265	4.93	0.0145	0.0492	0.000407	0.000826	0.000418	0.507	0.00000285	0.00272	0.000997	0.00217	0
2089 Dec	0.071	0.0000212	8.88	24.3	0.107	0.00266	4.92	0.0145	0.0491	0.000407	0.000829	0.000419	0.509	0.00000286	0.00273	0.000998	0.00218	0
2090 Jan	0.0711	0.0000212	8.88	24.3	0.107	0.00266	4.92	0.0145	0.0491	0.000407	0.00083	0.000419	0.509	0.00000286	0.00273	0.000998	0.00218	0
2090 Feb	0.0711	0.0000212	8.89	24.3	0.107	0.00266	4.93	0.0145	0.0492	0.000407	0.00083	0.00042	0.509	0.00000286	0.00273	0.000999	0.00218	0
2090 Mar	0.0711	0.0000212	8.89	24.3	0.107	0.00266	4.93	0.0146	0.0492	0.000407	0.000831	0.00042	0.51	0.00000286	0.00274	0.001	0.00218	0
2090 Apr	0.0714	0.0000213	8.92	24.4	0.108	0.00267	4.95	0.0146	0.0494	0.000409	0.000834	0.000421	0.511	0.00000287	0.00275	0.001	0.00218	0
2090 May	0.0722	0.0000216	9.14	25	0.11	0.00274	4.99	0.015	0.0496	0.000416	0.000853	0.000431	0.523	0.00000291	0.00282	0.00102	0.00221	0
2090 Jun	0.0705	0.0000196	8.24	22.5	0.105	0.00242	4.76	0.0134	0.0462	0.000435	0.000782	0.000392	0.475	0.00000266	0.00251	0.001	0.00209	0
2090 Jul	0.0713	0.0000202	8.42	23	0.106	0.00248	4.8	0.0137	0.0473	0.000434	0.000802	0.0004	0.485	0.00000274	0.00257	0.00102	0.00216	0
2090 Aug	0.0672	0.0000199	8.29	22.7	0.101	0.00246	4.6	0.0136	0.0457	0.000393	0.000781	0.000393	0.476	0.00000269	0.00254	0.000948	0.00208	0
2090 Sep	0.0641	0.00002	8.46	23.2	0.0995	0.00254	4.45	0.0139	0.0446	0.000362	0.000789	0.000399	0.483	0.00000268	0.00262	0.000912	0.00203	0
2090 Oct	0.0607	0.0000194	8.2	22.5	0.0941	0.00249	4.27	0.0135	0.0437	0.000326	0.000758	0.000386	0.467	0.0000026	0.00255	0.000855	0.00193	0
2090 Nov	0.0594	0.0000192	8.11	22.2	0.0922	0.00247	4.2	0.0133	0.0433	0.000314	0.000747	0.000381	0.462	0.00000257	0.00252	0.000835	0.0019	0
2090 Dec	0.0594	0.0000193	8.16	22.4	0.0925	0.00249	4.2	0.0134	0.0432	0.000314	0.000751	0.000383	0.464	0.00000258	0.00254	0.000836	0.0019	0
2091 Jan	0.0594	0.0000193	8.18	22.4	0.0927	0.0025	4.2	0.0135	0.0432	0.000314	0.000753	0.000384	0.465	0.00000258	0.00255	0.000837	0.0019	0
2091 Feb	0.0594	0.0000193	8.18	22.4	0.0927	0.0025	4.2	0.0135	0.0432	0.000314	0.000753	0.000384	0.466	0.00000258	0.00255	0.000837	0.0019	0
2091 Mar	0.0595	0.0000193	8.2	22.4	0.0929	0.0025	4.2	0.0135	0.0433	0.000314	0.000754	0.000385	0.466	0.00000258	0.00255	0.000839	0.00191	0
2091 Apr	0.0598	0.0000195	8.24	22.6	0.0934	0.00251	4.23	0.0136	0.0435	0.000316	0.000759	0.000387	0.469	0.0000026	0.00257	0.000844	0.00192	0
2091 May	0.0623	0.0000195	8.22	22.5	0.0955	0.00249	4.38	0.0135	0.0445	0.00034	0.000757	0.000387	0.469	0.00000262	0.00254	0.000871	0.00194	0
2091 Jun	0.0677	0.0000174	6.99	18.9	0.0937	0.00205	4.65	0.0112	0.0449	0.000415	0.000655	0.000333	0.407	0.00000244	0.00208	0.000906	0.00189	0
2091 Jul	0.0704	0.0000185	7.44	20.2	0.0984	0.00219	4.82	0.012	0.0469	0.000429	0.000699	0.000355	0.433	0.00000258	0.00222	0.00095	0.00199	0
2091 Aug	0.0685	0.0000189	7.73	21	0.0985	0.00229	4.73	0.0125	0.0462	0.000408	0.00072	0.000367	0.447	0.00000261	0.00233	0.00093	0.00199	0
2091 Sep	0.0659	0.0000194	8.08	22	0.0988	0.00242	4.6	0.0132	0.0451	0.000383	0.000747	0.000383	0.464	0.00000263	0.00247	0.000909	0.00197	0
2091 Oct	0.0632	0.0000195	8.27	22.6	0.0977	0.0025	4.43	0.0135	0.044	0.000357	0.00076	0.00039	0.473	0.00000261	0.00255	0.000885	0.00193	0
2091 Nov	0.0613	0.0000192	8.14	22.3	0.0948	0.00248	4.33	0.0133	0.0435	0.000337	0.000744	0.000383	0.465	0.00000257	0.00252	0.000853	0.00188	0
2091 Dec	0.0612	0.0000192	8.17	22.4	0.0949	0.00249	4.33	0.0134	0.0434	0.000336	0.000747	0.000385	0.467	0.00000257	0.00253	0.000853	0.00189	0
2092 Jan	0.0611	0.0000193	8.21	22.5	0.0951	0.0025	4.32	0.0135	0.0434	0.000335	0.00075	0.000386	0.469	0.00000258	0.00254	0.000854	0.00189	0
2092 Feb	0.0612	0.0000193	8.21	22.5	0.0952	0.0025	4.32	0.0135	0.0434	0.000336	0.000751	0.000387	0.469	0.00000258	0.00255	0.000855	0.00189	0
2092 Mar	0.0613	0.0000193	8.23	22.5	0.0954	0.00251	4.33	0.0135	0.0435	0.000336	0.000752	0.000387	0.47	0.00000258	0.00255	0.000857	0.00189	0
2092 Apr	0.0616	0.0000194	8.27	22.6	0.0959	0.00252	4.35	0.0136	0.0437	0.000338	0.000756	0.000389	0.472	0.00000259	0.00256	0.000861	0.0019	0
2092 May	0.064	0.0000196	8.37	22.9	0.0993	0.00254	4.49	0.0137	0.0443	0.000364	0.000766	0.000395	0.479	0.00000262	0.00259	0.000895	0.00193	0
2092 Jun	0.0659	0.0000169	6.9	18.8	0.0933	0.00202	4.47	0.0111	0.0425	0.000416	0.000647	0.00033	0.402	0.00000235	0.00206	0.000897	0.00182	0
2092 Jul	0.0647	0.0000172	7.04	19.1	0.0927	0.00206	4.37	0.0114	0.0425	0.0004	0.000665	0.000336	0.409	0.00000238	0.00212	0.000892	0.00186	0
2092 Aug	0.0663	0.0000184	7.69	21	0.0983	0.00227	4.48	0.0125	0.0436	0.000408	0.000723	0.000366	0.444	0.00000251	0.00233	0.00093	0.00195	0
2092 Sep	0.0646	0.0000195	8.46	23.2	0.103	0.00253	4.37	0.0139	0.0426	0.000391	0.00079	0.000401	0.485	0.00000258	0.00262	0.00094	0.00197	0
2092 Oct	0.0629	0.0000202	8.95	24.7	0.105	0.0027	4.26	0.0148	0.0417	0.000376	0.000832	0.000423	0.51	0.00000261	0.00281	0.00094	0.00198	0
2092 Nov	0.0624	0.0000204	9.14	25.2	0.106	0.00276	4.23	0.0151	0.0415	0.000371	0.000848	0.000431	0.521	0.00000263	0.00288	0.000942	0.00198	0
2092 Dec	0.0624	0.0000205	9.17	25.3	0.106	0.00277	4.23	0.0152	0.0415	0.000371	0.00085	0.000432	0.522	0.00000263	0.00288	0.000943	0.00198	0
2093 Jan	0.0624	0.0000205	9.18	25.3	0.106	0.00277	4.23	0.0152	0.0415	0.000371	0.000851	0.000433	0.522	0.00000263	0.00289	0.000944	0.00198	0
2093 Feb	0.0624	0.0000205	9.18	25.4	0.106	0.00277	4.23	0.0152	0.0415	0.000371	0.000852	0.000433	0.523	0.00000264	0.00289	0.000944	0.00199	0
2093 Mar	0.0626	0.0000206	9.22	25.4	0.107	0.00278	4.24	0.0153	0.0416	0.000372	0.000855	0.000435	0.525	0.00000264	0.0029	0.000947	0.00199	0
2093 Apr	0.0629	0.0000207	9.27	25.6	0.107	0.0028	4.26	0.0153	0.0418	0.000374	0.000859	0.000437	0.527	0.00000266	0.00292	0.000952	0.002	0
2093 May	0.0651	0.0000208	9.32	25.7	0.11	0.0028	4.4	0.0154	0.0425	0.000395	0.000865	0.00044	0.532	0.00000268	0.00292	0.000979	0.00203	0
2093 Jun	0.0686	0.0000184	7.87	21.6	0.104	0.00231	4.57	0.0128	0.0429	0.000446	0.000741	0.000376	0.457	0.00000248	0.00239	0.000977	0.00194	0
2093 Jul	0.0702	0.0000192	8.2	22.4	0.107	0.0024	4.67	0.0133	0.0443	0.000452	0.000772	0.000391	0.474	0.00000258	0.0025	0.001	0.00202	0
2093 Aug	0.0715	0.0000202	8.72	23.9	0.111	0.00257	4.76	0.0142	0.0452	0.000457	0.000819	0.000415	0.503	0.00000269	0.00267	0.00103	0.00208	0
2093 Sep	0.0702	0.0000208	9.12	25.1	0.113	0.00271	4.69	0.015	0.0448	0.000442	0.000852	0.000433	0.524	0.00000272	0.00282	0.00103	0.00209	0
2093 Oct	0.0654	0.0000202	8.9	24.5	0.106	0.00268	4.42	0.0147	0.0433	0.000393	0.000824	0.000421	0.509	0.00000264	0.00278	0.000958	0.00199	0
2093 Nov	0.0638	0.00002	8.83	24.3	0.104	0.00267	4.34	0.0145	0.043	0.000374	0.000814	0.000416	0.504	0.00000262	0.00276	0.000931	0.00195	0
2093 Dec	0.0638	0.0000201	8.85	24.4	0.104	0.00268	4.34	0.0146	0.043	0.000374	0.000816	0.000417	0.506	0.00000262	0.00277	0.000932	0.00195	0
2094 Jan	0.0637	0.0000201	8.87	24.4	0.104	0.00268	4.34	0.0146	0.043	0.000374	0.000817	0.000418	0.507	0.00000262	0.00277	0.000933	0.00195	0
2094 Feb	0.0638	0.0000201	8.88	24.4	0.104	0.00269	4.34	0.0146	0.043	0.000374	0.000818	0.000418	0.507	0.00000262	0.00277	0.000933	0.00195	0
2094 Mar	0.0639	0.0000201	8.89	24.5	0.104	0.00269	4.35	0.0146	0.043	0.000375	0.000819	0.000419	0.508	0.00000262	0.00278	0.000934	0.00196	0
2094 Apr	0.0641	0.0000202	8.92	24.6	0.105	0.0027	4.36	0.0147	0.0432	0.000376	0.000822	0.00042	0.509	0.00000263	0.00279	0.000938	0.00196	0
2094 May	0.0665	0.00002	8.83	24.3	0.107	0.00265	4.5	0.0145	0.0435	0.000405	0.000815	0.000417	0.506	0.00000262	0.00274	0.000966	0.00197	0
2094 Jun	0.0711	0.0000193	8.36	22.9	0.109	0.00247	4.75	0.0136	0.0443	0.000462	0.000777	0.000398	0.485	0.00000257	0.00255	0.00101	0.00197	0
2094 Jul	0.0745	0.0000206	9.02	24.8	0.116	0.00267	4.97	0.0147	0.0466	0.000481	0.000839	0.000429	0.522	0.00000273	0.00277	0.00107	0.00209	0
2094 Aug	0.0778	0.0000224	9.98	27.5	0.125	0.00297	5.18	0.0164	0.0486	0.000501	0.000926	0.000474	0.575	0.00000293	0.00309	0.00114	0.00223	0
2094 Sep	0.0758	0.0000229	10.4	28.6	0.126	0.0031	5.06	0.0171	0.0478	0.00048	0.000956	0.00049	0.594	0.00000295	0.00323	0.00113	0.00223	0
2094 Oct	0.0714	0.0000227	10.3	28.6	0.122	0.00313	4.8	0.0171	0.0461	0.000438	0.00095	0.000488	0.591	0.00000289	0.00325	0.00107	0.00215	0
2094 Nov	0.0675	0.0000223	10.2	28.2	0.117	0.0031	4.58	0.0169	0.0448	0.0004	0.000929	0.000478	0.579	0.00000283	0.00322	0.00102	0.00207	0
2094 Dec	0.0672	0.0000222	10.2	28.1	0.116	0.0031	4.57	0.0168	0.0447	0.000397	0.000927	0.000478	0.579	0.00000282	0.00321	0.00101	0.00206	0
2095 Jan	0.0672	0.0000223	10.2	28.2	0.116	0.00311	4.56	0.0169	0.0447	0.000396	0.00093	0.000479	0.58	0.00000282	0.00322	0.00101	0.00206	0
2095 Feb	0.0672	0.0000223	10.2	28.2	0.116	0.00311	4.56	0.0169	0.0447	0.000396	0.00093	0.000479	0.58	0.00000282	0.00322	0.00101	0.00206	0
2095 Mar	0.0673	0.0000223	10.2	28.2	0.117	0.00311	4.57	0.0169	0.0447	0.000397	0.000931	0.000479	0.581	0.00000283	0.00323	0.00101	0.00207	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0676	0.0000224	10.2	28.4	0.117	0.00313	4.59	0.017	0.0449	0.000399	0.000935	0.000482	0.583	0.00000284	0.00324	0.00102	0.00208	0
2095 May	0.0702	0.0000218	9.86	27.2	0.117	0.00298	4.75	0.0163	0.0456	0.000429	0.000902	0.000465	0.564	0.0000028	0.00309	0.00104	0.00207	0
2095 Jun	0.0746	0.000021	9.3	25.6	0.118	0.00278	5.01	0.0152	0.047	0.000476	0.000855	0.000441	0.537	0.00000276	0.00286	0.00107	0.00207	0
2095 Jul	0.0781	0.0000222	9.84	27.1	0.124	0.00294	5.25	0.0161	0.0494	0.000496	0.000905	0.000467	0.568	0.00000292	0.00304	0.00112	0.00219	0
2095 Aug	0.0763	0.0000224	9.95	27.4	0.122	0.00299	5.14	0.0163	0.0487	0.000477	0.000913	0.000471	0.573	0.00000292	0.00309	0.0011	0.00217	0
2095 Sep	0.0744	0.0000228	10.2	28.2	0.123	0.00309	5.04	0.0168	0.0479	0.000459	0.000935	0.000484	0.587	0.00000294	0.00319	0.00109	0.00217	0
2095 Oct	0.0733	0.0000232	10.6	29.2	0.124	0.0032	4.96	0.0174	0.0473	0.000449	0.000964	0.000498	0.603	0.00000297	0.00332	0.00109	0.00217	0
2095 Nov	0.0714	0.0000231	10.6	29.2	0.123	0.00321	4.84	0.0175	0.0466	0.00043	0.000961	0.000497	0.602	0.00000294	0.00333	0.00106	0.00214	0
2095 Dec	0.0711	0.0000231	10.5	29.2	0.122	0.00321	4.83	0.0175	0.0466	0.000427	0.00096	0.000497	0.602	0.00000294	0.00333	0.00106	0.00214	0
2096 Jan	0.0711	0.0000231	10.6	29.3	0.122	0.00322	4.83	0.0175	0.0465	0.000426	0.000962	0.000498	0.603	0.00000294	0.00334	0.00106	0.00214	0
2096 Feb	0.0711	0.0000232	10.6	29.3	0.122	0.00322	4.83	0.0175	0.0465	0.000427	0.000963	0.000498	0.603	0.00000294	0.00334	0.00106	0.00214	0
2096 Mar	0.0712	0.0000232	10.6	29.3	0.123	0.00322	4.83	0.0175	0.0466	0.000427	0.000964	0.000499	0.604	0.00000294	0.00334	0.00106	0.00214	0
2096 Apr	0.0715	0.0000233	10.6	29.4	0.123	0.00324	4.85	0.0176	0.0468	0.000429	0.000968	0.000501	0.606	0.00000296	0.00336	0.00107	0.00215	0
2096 May	0.0725	0.0000236	10.9	30.1	0.126	0.00331	4.9	0.018	0.0468	0.000442	0.000991	0.000513	0.62	0.00000298	0.00344	0.00109	0.00217	0
2096 Jun	0.0665	0.0000203	8.96	24.7	0.108	0.00268	4.4	0.0147	0.0434	0.000408	0.000838	0.000424	0.513	0.00000265	0.00279	0.000989	0.00204	0
2096 Jul	0.067	0.0000208	9.1	25	0.109	0.00272	4.42	0.015	0.0444	0.000404	0.000856	0.00043	0.52	0.00000272	0.00284	0.001	0.00211	0
2096 Aug	0.0695	0.000022	9.73	26.8	0.115	0.00291	4.58	0.0161	0.0461	0.000417	0.000913	0.000459	0.555	0.00000287	0.00305	0.00105	0.00221	0
2096 Sep	0.0672	0.0000221	9.82	27.1	0.113	0.00296	4.46	0.0163	0.0454	0.000393	0.000916	0.000463	0.559	0.00000285	0.00309	0.00102	0.00217	0
2096 Oct	0.0628	0.0000214	9.54	26.3	0.107	0.00291	4.23	0.0158	0.044	0.000348	0.000882	0.000448	0.541	0.00000276	0.00302	0.000947	0.00206	0
2096 Nov	0.0623	0.0000214	9.52	26.3	0.106	0.00291	4.21	0.0158	0.0439	0.000341	0.000878	0.000446	0.54	0.00000275	0.00301	0.000937	0.00204	0
2096 Dec	0.0622	0.0000214	9.54	26.3	0.106	0.00292	4.21	0.0158	0.0439	0.000341	0.00088	0.000447	0.541	0.00000275	0.00302	0.000938	0.00204	0
2097 Jan	0.0622	0.0000214	9.55	26.4	0.106	0.00292	4.21	0.0159	0.0439	0.000341	0.000881	0.000448	0.541	0.00000276	0.00302	0.000938	0.00204	0
2097 Feb	0.0622	0.0000214	9.55	26.4	0.106	0.00292	4.21	0.0159	0.0439	0.000341	0.000881	0.000448	0.541	0.00000276	0.00302	0.000939	0.00205	0
2097 Mar	0.0623	0.0000214	9.56	26.4	0.106	0.00292	4.21	0.0159	0.0439	0.000341	0.000882	0.000448	0.542	0.00000276	0.00303	0.000939	0.00205	0
2097 Apr	0.0626	0.0000216	9.61	26.5	0.107	0.00294	4.23	0.016	0.0442	0.000343	0.000886	0.000451	0.545	0.00000277	0.00304	0.000945	0.00206	0
2097 May	0.0649	0.0000216	9.58	26.4	0.109	0.00292	4.38	0.0159	0.0451	0.000364	0.000884	0.00045	0.544	0.0000028	0.00302	0.000968	0.00208	0
2097 Jun	0.069	0.0000199	8.49	23.3	0.105	0.00253	4.62	0.0139	0.0459	0.000418	0.000791	0.000402	0.489	0.00000266	0.00261	0.000984	0.00203	0
2097 Jul	0.0719	0.000021	9	24.7	0.111	0.00269	4.8	0.0147	0.0479	0.000432	0.00084	0.000426	0.517	0.0000028	0.00277	0.00103	0.00214	0
2097 Aug	0.0733	0.0000219	9.43	25.9	0.115	0.00283	4.9	0.0155	0.049	0.000438	0.000878	0.000446	0.541	0.0000029	0.00292	0.00106	0.00221	0
2097 Sep	0.0734	0.0000224	9.76	26.8	0.117	0.00293	4.9	0.016	0.0492	0.000435	0.000907	0.000461	0.559	0.00000295	0.00303	0.00107	0.00224	0
2097 Oct	0.0717	0.0000224	9.8	27	0.116	0.00296	4.81	0.0161	0.0485	0.00042	0.000908	0.000462	0.56	0.00000293	0.00306	0.00105	0.00221	0
2097 Nov	0.0706	0.0000222	9.73	26.8	0.114	0.00294	4.75	0.016	0.0481	0.00041	0.0009	0.000458	0.556	0.00000291	0.00304	0.00103	0.00218	0
2097 Dec	0.0703	0.0000222	9.7	26.7	0.114	0.00294	4.73	0.016	0.048	0.000406	0.000896	0.000457	0.554	0.0000029	0.00303	0.00103	0.00217	0
2098 Jan	0.0703	0.0000222	9.72	26.7	0.114	0.00294	4.73	0.016	0.048	0.000406	0.000898	0.000458	0.555	0.0000029	0.00304	0.00103	0.00217	0
2098 Feb	0.0703	0.0000222	9.72	26.7	0.114	0.00294	4.73	0.016	0.048	0.000406	0.000898	0.000458	0.555	0.0000029	0.00304	0.00103	0.00217	0
2098 Mar	0.0704	0.0000222	9.73	26.8	0.114	0.00294	4.73	0.016	0.0481	0.000407	0.000899	0.000458	0.555	0.00000291	0.00304	0.00103	0.00217	0
2098 Apr	0.0708	0.0000222	9.75	26.8	0.114	0.00295	4.76	0.0161	0.0482	0.000409	0.0009	0.000459	0.557	0.00000291	0.00304	0.00103	0.00218	0
2098 May	0.075	0.0000213	9.14	25.1	0.115	0.00273	5.02	0.0149	0.0491	0.000455	0.000847	0.000433	0.527	0.00000284	0.0028	0.00106	0.00215	0
2098 Jun	0.0763	0.0000178	7.21	19.6	0.105	0.00208	5.06	0.0115	0.0473	0.000503	0.000678	0.000347	0.426	0.0000025	0.00211	0.00102	0.00197	0
2098 Jul	0.0797	0.0000188	7.63	20.7	0.11	0.0022	5.28	0.0122	0.0497	0.000523	0.000718	0.000366	0.449	0.00000264	0.00224	0.00107	0.00208	0
2098 Aug	0.0786	0.0000194	7.96	21.6	0.111	0.00231	5.23	0.0128	0.0494	0.000508	0.000746	0.000381	0.467	0.00000269	0.00236	0.00107	0.00209	0
2098 Sep	0.073	0.0000192	8	21.8	0.106	0.00236	4.92	0.0129	0.0472	0.000455	0.000741	0.000381	0.465	0.00000263	0.00241	0.000996	0.002	0
2098 Oct	0.0682	0.0000191	8.09	22.1	0.102	0.00243	4.63	0.0132	0.0455	0.000407	0.000743	0.000383	0.468	0.00000258	0.00247	0.000939	0.00193	0
2098 Nov	0.0667	0.0000191	8.11	22.2	0.1	0.00244	4.55	0.0132	0.045	0.000392	0.000741	0.000383	0.467	0.00000257	0.00248	0.000921	0.0019	0
2098 Dec	0.0667	0.0000191	8.13	22.2	0.1	0.00245	4.55	0.0132	0.045	0.000391	0.000743	0.000384	0.469	0.00000257	0.00249	0.000921	0.0019	0
2099 Jan	0.0667	0.0000191	8.14	22.3	0.101	0.00245	4.55	0.0133	0.045	0.000391	0.000745	0.000385	0.469	0.00000257	0.00249	0.000922	0.0019	0
2099 Feb	0.0667	0.0000192	8.15	22.3	0.101	0.00246	4.55	0.0133	0.045	0.000391	0.000746	0.000385	0.47	0.00000257	0.0025	0.000922	0.0019	0
2099 Mar	0.0668	0.0000192	8.17	22.4	0.101	0.00246	4.56	0.0133	0.0451	0.000392	0.000747	0.000386	0.471	0.00000258	0.0025	0.000924	0.00191	0
2099 Apr	0.0676	0.0000193	8.22	22.5	0.102	0.00248	4.61	0.0134	0.0455	0.000397	0.000752	0.000388	0.474	0.0000026	0.00252	0.000934	0.00192	0
2099 May	0.0758	0.0000177	7.29	19.8	0.105	0.00212	5.11	0.0116	0.0466	0.00047	0.000667	0.000346	0.43	0.00000246	0.00214	0.000999	0.00186	0
2099 Jun	0.0762	0.0000169	6.88	18.6	0.103	0.00198	5.1	0.0109	0.0461	0.000487	0.000635	0.000329	0.409	0.00000239	0.00199	0.000998	0.00184	0
2099 Jul	0.0786	0.000018	7.35	19.9	0.108	0.00212	5.25	0.0117	0.0479	0.000498	0.000679	0.000351	0.435	0.00000252	0.00215	0.00104	0.00193	0
2099 Aug	0.0805	0.000019	7.88	21.4	0.113	0.00229	5.39	0.0126	0.0493	0.000506	0.000726	0.000376	0.465	0.00000264	0.00232	0.00107	0.00201	0
2099 Sep	0.0769	0.0000191	8	21.8	0.11	0.00235	5.18	0.0128	0.0479	0.000474	0.000733	0.00038	0.469	0.00000262	0.00239	0.00103	0.00197	0
2099 Oct	0.0735	0.000019	8.06	22	0.107	0.00239	4.99	0.013	0.0467	0.000442	0.000734	0.000381	0.47	0.00000259	0.00242	0.000993	0.00192	0
2099 Nov	0.0716	0.000019	8.06	22	0.105	0.00241	4.87	0.013	0.0461	0.000424	0.000732	0.000381	0.469	0.00000257	0.00244	0.00097	0.0019	0
2099 Dec	0.0716	0.000019	8.07	22.1	0.105	0.00241	4.87	0.013	0.0461	0.000424	0.000733	0.000381	0.469	0.00000257	0.00244	0.00097	0.0019	0
2100 Jan	0.0716	0.000019	8.1	22.1	0.106	0.00242	4.87	0.0131	0.0461	0.000423	0.000735	0.000382	0.471	0.00000257	0.00245	0.00097	0.0019	0
2100 Feb	0.0716	0.000019	8.1	22.1	0.106	0.00242	4.87	0.0131	0.0461	0.000423	0.000736	0.000383	0.471	0.00000257	0.00245	0.000971	0.0019	0
2100 Mar	0.0716	0.000019	8.11	22.2	0.106	0.00242	4.87	0.0131	0.0461	0.000423	0.000736	0.000383	0.471	0.00000258	0.00245	0.000971	0.0019	0
2100 Apr	0.0721	0.0000192	8.16	22.3	0.106	0.00244	4.9	0.0132	0.0464	0.000426	0.000741	0.000385	0.474	0.00000259	0.00247	0.000977	0.00191	0
2100 May	0.075	0.000019	8.09	22.1	0.109	0.00239	5.06	0.013	0.0468	0.000463	0.000738	0.000384	0.473	0.00000259	0.00243	0.00101	0.00193	0
2100 Jun	0.0748	0.0000167	6.74	18.2	0.101	0.00193	4.99	0.0107	0.0454	0.00049	0.000626	0.000324	0.401	0.00000236	0.00195	0.000984	0.00182	0
2100 Jul	0.0744	0.0000172	7.05	19.1	0.103	0.00203	4.94	0.0112	0.0455	0.000482	0.000657	0.000338	0.417	0.00000241	0.00207	0.000993	0.00187	0
2100 Aug	0.0725	0.0000175	7.2	19.6	0.102	0.00209	4.84	0.0115	0.0449	0.000461	0.000667	0.000344	0.424	0.00000243	0.00213	0.000969	0.00186	0
2100 Sep	0.0708	0.0000179	7.49	20.4	0.102	0.0022	4.75	0.0121	0.0443	0.000444	0.000691	0.000357	0.438	0.00000246	0.00224	0.000957	0.00186	0
2100 Oct	0.0701	0.0000183	7.75	21.2	0.103	0.00229	4.71	0.0125	0.044	0.000437	0.000713	0.000369	0.452	0.00000248	0.00234	0.000959	0.00187	0
2100 Nov	0.07	0.0000184	7.8	21.3	0.104	0.0023	4.7	0.0126	0.0441	0.000436	0.000717	0.000371	0.454	0.00000249	0.00235	0.00096	0.00188	0
2100 Dec	0.07	0.0000184	7.83	21.4	0.104	0.00231	4.7	0.0127	0.044	0.000436	0.00072	0.000372	0.456	0.00000249	0.00236	0.000961	0.00188	0
2101 Jan	0.07	0.0000185	7.87	21.5	0.104	0.00233	4.69	0.0127	0.044	0.000435	0.000724	0.000374	0.458	0.0000025	0.00238	0.000962	0.00188	0
2101 Feb	0.0699	0.0000185	7.89	21.6	0.104	0.00233	4.69	0.0128	0.044	0.000435	0.000726	0.000375	0.459	0.0000025	0.00239	0.000963	0.00188	0
2101 Mar	0.07	0.0000185	7.9	21.6	0.104	0.00233	4.69	0.0128	0.044	0.000435	0.000726	0.000375	0.459	0.0000025	0.00239	0.000963	0.00188	0
2101 Apr	0.0702	0.0000186	7.93	21.7	0.105	0.00234	4.71	0.0128	0.0441	0.000437	0.000729	0.000376	0.461	0.00000251	0.0024	0.000967	0.00189	0
2101 May	0.074	0.0000181	7.55	20.6	0.106	0.0022	4.94	0.0121	0.0453	0.000478	0.000697	0.000361	0.443	0.00000249	0.00224	0.000998	0.00189	0
2101 Jun	0.075	0.0000167	6.73	18.2	0.102	0.00192	4.97	0.0106	0.045	0.000501	0.000629	0.000324	0.4	0.00000236	0.00195	0.00099	0.00185	0
2101 Jul	0.078	0.0000177	7.18	19.4	0.107	0.00205	5.17	0.0114	0.0471	0.000519	0.000671	0.000346	0.425	0.00000249	0.00209	0.00104	0.00195	0
2101 Aug	0.0809	0.0000188	7.71	20.9	0.113	0.00222	5.36	0.0123	0.0489	0.000536	0.00072	0.000371	0.456	0.00000263	0.00226	0.00109	0.00204	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.0783	0.0000191	7.98	21.7	0.112	0.00232	5.21	0.0128	0.048	0.000509	0.00074	0.000382	0.468	0.00000264	0.00237	0.00106	0.00203	0
2101 Oct	0.0765	0.0000195	8.26	22.6	0.112	0.00242	5.1	0.0133	0.0472	0.000492	0.000764	0.000394	0.482	0.00000265	0.00248	0.00105	0.00202	0
2101 Nov	0.074	0.0000194	8.27	22.6	0.11	0.00244	4.95	0.0134	0.0464	0.000468	0.000762	0.000394	0.482	0.00000262	0.0025	0.00102	0.00198	0
2101 Dec	0.0737	0.0000194	8.25	22.5	0.109	0.00244	4.94	0.0133	0.0464	0.000464	0.000759	0.000392	0.48	0.00000262	0.00249	0.00101	0.00197	0
2102 Jan	0.0737	0.0000194	8.27	22.6	0.109	0.00244	4.93	0.0134	0.0463	0.000464	0.00076	0.000393	0.481	0.00000262	0.0025	0.00101	0.00198	0
2102 Feb	0.0737	0.0000194	8.27	22.6	0.11	0.00244	4.94	0.0134	0.0464	0.000464	0.00076	0.000393	0.481	0.00000262	0.0025	0.00102	0.00198	0
2102 Mar	0.0737	0.0000194	8.27	22.6	0.11	0.00245	4.94	0.0134	0.0464	0.000464	0.000761	0.000393	0.481	0.00000262	0.0025	0.00102	0.00198	0
2102 Apr	0.0739	0.0000195	8.29	22.7	0.11	0.00245	4.95	0.0134	0.0465	0.000465	0.000763	0.000394	0.483	0.00000263	0.00251	0.00102	0.00198	0
2102 May	0.0749	0.0000197	8.4	23	0.111	0.00248	5.02	0.0136	0.0471	0.000472	0.000773	0.0004	0.489	0.00000266	0.00254	0.00103	0.00201	0
2102 Jun	0.0652	0.0000177	7.08	19.2	0.0919	0.00207	4.3	0.0114	0.0443	0.000382	0.000678	0.000336	0.41	0.00000247	0.00213	0.000905	0.00196	0
2102 Jul	0.062	0.000017	6.53	17.6	0.084	0.0019	4.06	0.0105	0.044	0.000346	0.000639	0.00031	0.377	0.00000242	0.00195	0.000857	0.00197	0
2102 Aug	0.063	0.0000176	6.8	18.3	0.0862	0.00199	4.14	0.011	0.0449	0.000348	0.000662	0.000322	0.391	0.0000025	0.00204	0.00087	0.00202	0
2102 Sep	0.0625	0.0000177	6.87	18.6	0.0859	0.00202	4.14	0.0111	0.045	0.00034	0.000665	0.000325	0.395	0.00000251	0.00206	0.000861	0.00201	0
2102 Oct	0.0595	0.0000173	6.69	18.1	0.0817	0.00199	4	0.0108	0.044	0.000312	0.000641	0.000316	0.384	0.00000244	0.00202	0.000812	0.00192	0
2102 Nov	0.0593	0.0000173	6.74	18.2	0.0818	0.00201	3.98	0.0109	0.0439	0.000308	0.000644	0.000318	0.386	0.00000245	0.00203	0.00081	0.00192	0
2102 Dec	0.0592	0.0000174	6.78	18.3	0.082	0.00202	3.98	0.011	0.0439	0.000308	0.000648	0.00032	0.388	0.00000245	0.00205	0.000811	0.00192	0
2103 Jan	0.0592	0.0000174	6.78	18.3	0.0821	0.00202	3.98	0.011	0.0439	0.000308	0.000648	0.00032	0.389	0.00000245	0.00205	0.000811	0.00192	0
2103 Feb	0.0593	0.0000174	6.78	18.3	0.0821	0.00202	3.98	0.011	0.0439	0.000308	0.000648	0.00032	0.389	0.00000245	0.00205	0.000811	0.00192	0
2103 Mar	0.0593	0.0000174	6.79	18.4	0.0822	0.00202	3.99	0.011	0.0439	0.000309	0.000649	0.00032	0.389	0.00000245	0.00205	0.000812	0.00192	0
2103 Apr	0.0596	0.0000175	6.81	18.4	0.0825	0.00203	4	0.0111	0.0441	0.00031	0.000651	0.000321	0.391	0.00000246	0.00206	0.000815	0.00193	0
2103 May	0.0628	0.0000177	7.02	19	0.088	0.00208	4.19	0.0114	0.0446	0.000349	0.00067	0.000332	0.405	0.00000249	0.00212	0.000865	0.00196	0
2103 Jun	0.0663	0.0000165	6.43	17.4	0.0893	0.00185	4.35	0.0103	0.0437	0.000409	0.000619	0.000308	0.376	0.00000234	0.00189	0.000898	0.00189	0
2103 Jul	0.0667	0.0000169	6.61	17.9	0.0902	0.00191	4.37	0.0106	0.0444	0.000405	0.000638	0.000316	0.386	0.00000241	0.00195	0.000903	0.00193	0
2103 Aug	0.0651	0.0000171	6.64	17.9	0.0877	0.00193	4.28	0.0107	0.0442	0.000382	0.000635	0.000317	0.386	0.00000243	0.00197	0.000863	0.00191	0
2103 Sep	0.0623	0.0000171	6.73	18.2	0.0855	0.00198	4.15	0.0109	0.0434	0.000353	0.000636	0.000319	0.388	0.00000241	0.00202	0.000828	0.00186	0
2103 Oct	0.0586	0.0000166	6.53	17.7	0.0802	0.00196	3.97	0.0106	0.0425	0.000314	0.000609	0.000308	0.376	0.00000234	0.00197	0.000768	0.00176	0
2103 Nov	0.0577	0.0000166	6.52	17.6	0.0791	0.00196	3.93	0.0106	0.0423	0.000304	0.000605	0.000307	0.375	0.00000233	0.00197	0.000755	0.00174	0
2103 Dec	0.0577	0.0000166	6.55	17.8	0.0794	0.00197	3.93	0.0106	0.0423	0.000304	0.000608	0.000309	0.377	0.00000233	0.00198	0.000756	0.00175	0
2104 Jan	0.0577	0.0000166	6.56	17.8	0.0794	0.00197	3.93	0.0106	0.0423	0.000304	0.000609	0.000309	0.377	0.00000233	0.00198	0.000756	0.00175	0
2104 Feb	0.0577	0.0000166	6.56	17.8	0.0794	0.00197	3.93	0.0106	0.0423	0.000304	0.000609	0.000309	0.377	0.00000233	0.00198	0.000756	0.00175	0
2104 Mar	0.0578	0.0000166	6.56	17.8	0.0795	0.00197	3.93	0.0106	0.0423	0.000304	0.000609	0.000309	0.377	0.00000233	0.00198	0.000757	0.00175	0
2104 Apr	0.0581	0.0000167	6.6	17.9	0.08	0.00199	3.96	0.0107	0.0426	0.000306	0.000613	0.000311	0.379	0.00000235	0.002	0.000762	0.00176	0
2104 May	0.0632	0.0000165	6.45	17.4	0.0845	0.00191	4.26	0.0104	0.0438	0.000363	0.000601	0.000306	0.375	0.00000234	0.00191	0.00082	0.00178	0
2104 Jun	0.066	0.0000152	5.75	15.4	0.0839	0.00165	4.41	0.00907	0.0433	0.000411	0.000543	0.000276	0.34	0.00000222	0.00165	0.000843	0.00173	0
2104 Jul	0.0673	0.0000158	5.99	16.1	0.086	0.00173	4.48	0.00948	0.0445	0.000415	0.000567	0.000288	0.353	0.0000023	0.00173	0.000861	0.00179	0
2104 Aug	0.0676	0.0000163	6.26	16.8	0.0877	0.00181	4.52	0.00994	0.045	0.000412	0.000589	0.0003	0.368	0.00000236	0.00182	0.000867	0.00183	0
2104 Sep	0.0651	0.0000164	6.36	17.1	0.086	0.00186	4.4	0.0101	0.0441	0.000387	0.000593	0.000303	0.371	0.00000235	0.00187	0.000837	0.00179	0
2104 Oct	0.0624	0.0000163	6.36	17.2	0.0832	0.00189	4.26	0.0102	0.0434	0.000358	0.000588	0.000302	0.37	0.00000232	0.00188	0.000801	0.00174	0
2104 Nov	0.0618	0.0000163	6.35	17.1	0.0824	0.00189	4.23	0.0102	0.0434	0.00035	0.000585	0.000301	0.369	0.00000232	0.00188	0.000791	0.00173	0
2104 Dec	0.0618	0.0000163	6.39	17.2	0.0826	0.0019	4.23	0.0102	0.0434	0.00035	0.000588	0.000303	0.371	0.00000232	0.0019	0.000792	0.00173	0
2105 Jan	0.0618	0.0000164	6.41	17.3	0.0828	0.00191	4.22	0.0103	0.0433	0.000349	0.00059	0.000304	0.372	0.00000232	0.0019	0.000793	0.00173	0
2105 Feb	0.0618	0.0000164	6.41	17.3	0.0828	0.00191	4.23	0.0103	0.0433	0.00035	0.00059	0.000304	0.372	0.00000232	0.0019	0.000793	0.00173	0
2105 Mar	0.0618	0.0000164	6.41	17.3	0.0828	0.00191	4.23	0.0103	0.0434	0.00035	0.000591	0.000304	0.372	0.00000232	0.0019	0.000793	0.00174	0
2105 Apr	0.062	0.0000164	6.43	17.4	0.0831	0.00192	4.24	0.0103	0.0435	0.000351	0.000592	0.000305	0.374	0.00000233	0.00191	0.000796	0.00174	0
2105 May	0.0655	0.0000163	6.38	17.2	0.0867	0.00188	4.45	0.0102	0.0443	0.000391	0.00059	0.000304	0.373	0.00000233	0.00187	0.000839	0.00176	0
2105 Jun	0.069	0.0000159	6.09	16.3	0.0886	0.00176	4.64	0.0096	0.045	0.000433	0.000567	0.000292	0.36	0.0000023	0.00175	0.000876	0.00177	0
2105 Jul	0.0703	0.0000166	6.39	17.2	0.0913	0.00185	4.73	0.0101	0.0461	0.000437	0.000596	0.000307	0.377	0.00000239	0.00185	0.000896	0.00183	0
2105 Aug	0.0674	0.0000168	6.61	17.8	0.09	0.00194	4.55	0.0106	0.0448	0.000408	0.000611	0.000316	0.387	0.0000024	0.00194	0.000862	0.00181	0
2105 Sep	0.0631	0.0000171	6.91	18.7	0.0883	0.00206	4.32	0.0111	0.0431	0.000367	0.000631	0.000328	0.401	0.00000239	0.00207	0.000821	0.00176	0
2105 Oct	0.0601	0.0000172	7.09	19.3	0.0868	0.00214	4.14	0.0115	0.042	0.000337	0.000643	0.000335	0.409	0.00000237	0.00216	0.000792	0.00172	0
2105 Nov	0.059	0.0000172	7.06	19.2	0.0854	0.00214	4.08	0.0115	0.0417	0.000326	0.000639	0.000333	0.406	0.00000235	0.00215	0.000776	0.0017	0
2105 Dec	0.059	0.0000172	7.08	19.3	0.0855	0.00215	4.08	0.0115	0.0417	0.000325	0.00064	0.000334	0.407	0.00000235	0.00216	0.000777	0.0017	0
2106 Jan	0.059	0.0000172	7.08	19.3	0.0855	0.00215	4.08	0.0115	0.0417	0.000325	0.00064	0.000334	0.407	0.00000235	0.00216	0.000777	0.0017	0
2106 Feb	0.059	0.0000172	7.08	19.3	0.0855	0.00215	4.08	0.0115	0.0417	0.000325	0.00064	0.000334	0.407	0.00000235	0.00216	0.000777	0.0017	0
2106 Mar	0.059	0.0000172	7.08	19.3	0.0856	0.00215	4.08	0.0115	0.0417	0.000325	0.000641	0.000334	0.408	0.00000235	0.00216	0.000777	0.0017	0
2106 Apr	0.0593	0.0000173	7.11	19.4	0.086	0.00216	4.1	0.0116	0.0419	0.000327	0.000643	0.000335	0.409	0.00000236	0.00217	0.000781	0.00171	0
2106 May	0.0613	0.0000175	7.2	19.6	0.0885	0.00218	4.22	0.0117	0.0427	0.000346	0.000653	0.00034	0.415	0.0000024	0.00219	0.000808	0.00174	0
2106 Jun	0.0629	0.0000158	6.19	16.7	0.0841	0.00181	4.24	0.00988	0.0422	0.00038	0.000577	0.000295	0.362	0.00000225	0.00182	0.000819	0.00172	0
2106 Jul	0.0633	0.0000164	6.38	17.2	0.0848	0.00187	4.25	0.0102	0.0433	0.000374	0.0006	0.000304	0.371	0.00000233	0.00189	0.000829	0.0018	0
2106 Aug	0.0614	0.0000167	6.59	17.8	0.084	0.00195	4.14	0.0106	0.0427	0.000351	0.000614	0.000313	0.381	0.00000236	0.00197	0.000801	0.00178	0
2106 Sep	0.058	0.000017	6.84	18.6	0.0827	0.00206	3.97	0.0111	0.0413	0.000318	0.00063	0.000323	0.393	0.00000236	0.00208	0.000765	0.00174	0
2106 Oct	0.0568	0.0000174	7.14	19.4	0.0838	0.00216	3.9	0.0117	0.0408	0.000305	0.000654	0.000337	0.408	0.00000238	0.00219	0.000762	0.00174	0
2106 Nov	0.0568	0.0000175	7.2	19.6	0.0843	0.00218	3.9	0.0118	0.0409	0.000305	0.00066	0.000339	0.412	0.00000238	0.00221	0.000765	0.00175	0
2106 Dec	0.0568	0.0000175	7.22	19.7	0.0845	0.00219	3.9	0.0118	0.0409	0.000305	0.000662	0.00034	0.413	0.00000239	0.00222	0.000766	0.00175	0
2107 Jan	0.0568	0.0000175	7.23	19.7	0.0845	0.00219	3.9	0.0118	0.0409	0.000305	0.000662	0.000341	0.413	0.00000239	0.00222	0.000766	0.00175	0
2107 Feb	0.0568	0.0000175	7.23	19.7	0.0845	0.00219	3.9	0.0118	0.0409	0.000305	0.000662	0.000341	0.413	0.00000239	0.00222	0.000766	0.00175	0
2107 Mar	0.0569	0.0000175	7.24	19.7	0.0846	0.00219	3.91	0.0118	0.0409	0.000306	0.000663	0.000341	0.414	0.00000239	0.00222	0.000767	0.00175	0
2107 Apr	0.057	0.0000176	7.25	19.8	0.0848	0.0022	3.92	0.0119	0.041	0.000306	0.000665	0.000342	0.415	0.0000024	0.00223	0.000769	0.00176	0
2107 May	0.0597	0.0000173	7.04	19.2	0.0861	0.00212	4.08	0.0114	0.0418	0.000335	0.000647	0.000333	0.405	0.00000238	0.00214	0.000794	0.00176	0
2107 Jun	0.0653	0.0000161	6.27	16.9	0.0869	0.00183	4.41	0.00999	0.0431	0.000402	0.000584	0.000301	0.368	0.0000023	0.00184	0.000842	0.00175	0
2107 Jul	0.0655	0.0000166	6.49	17.5	0.0879	0.0019	4.41	0.0104	0.0436	0.000397	0.000604	0.000311	0.379	0.00000236	0.00191	0.000844	0.00179	0
2107 Aug	0.0668	0.0000174	6.87	18.6	0.0912	0.00202	4.5	0.011	0.0446	0.000401	0.000638	0.000328	0.4	0.00000245	0.00204	0.000866	0.00185	0
2107 Sep	0.0659	0.0000179	7.22	19.6	0.0927	0.00214	4.45	0.0117	0.0445	0.00039	0.000667	0.000343	0.418	0.00000249	0.00217	0.000867	0.00186	0
2107 Oct	0.0642	0.0000181	7.43	20.2	0.0927	0.00222	4.35	0.0121	0.0438	0.000373	0.000683	0.000352	0.429	0.00000249	0.00225	0.000855	0.00185	0
2107 Nov	0.0637	0.0000181	7.45	20.3	0.0922	0.00223	4.32	0.0121	0.0437	0.000367	0.000683	0.000353	0.429	0.00000249	0.00226	0.000848	0.00184	0
2107 Dec	0.0636	0.0000182	7.5	20.4	0.0926	0.00225	4.31	0.0122	0.0437	0.000367	0.000688	0.000355	0.432	0.00000249	0.00228	0.00085	0.00184	0
2108 Jan	0.0636	0.0000182	7.52	20.5	0.0927	0.00225	4.31	0.0122	0.0436	0.000367	0.00069	0.000356	0.433	0.00000249	0.00229	0.00085	0.00184	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0636	0.0000182	7.52	20.5	0.0927	0.00225	4.31	0.0122	0.0436	0.000367	0.00069	0.000356	0.433	0.00000249	0.00229	0.000851	0.00184	0
2108 Mar	0.0637	0.0000182	7.53	20.5	0.0928	0.00226	4.32	0.0122	0.0437	0.000367	0.000691	0.000356	0.434	0.0000025	0.00229	0.000852	0.00184	0
2108 Apr	0.0642	0.0000184	7.59	20.7	0.0936	0.00227	4.35	0.0123	0.0441	0.00037	0.000697	0.000359	0.437	0.00000252	0.00231	0.000859	0.00186	0
2108 May	0.0656	0.0000187	7.72	21	0.0956	0.00231	4.45	0.0126	0.0449	0.000379	0.000709	0.000366	0.445	0.00000256	0.00235	0.000877	0.00189	0
2108 Jun	0.0638	0.0000173	6.73	18.2	0.0864	0.00198	4.27	0.0108	0.0447	0.000363	0.000636	0.00032	0.39	0.00000245	0.00201	0.000841	0.00189	0
2108 Jul	0.0657	0.0000181	7.03	19	0.0892	0.00207	4.39	0.0114	0.0465	0.000369	0.000668	0.000334	0.406	0.00000256	0.0021	0.000872	0.00199	0
2108 Aug	0.0684	0.0000192	7.56	20.4	0.0945	0.00224	4.57	0.0122	0.0484	0.000383	0.000715	0.000358	0.435	0.00000271	0.00227	0.000915	0.00209	0
2108 Sep	0.0679	0.0000197	7.87	21.4	0.0963	0.00234	4.54	0.0128	0.0483	0.000376	0.000742	0.000373	0.452	0.00000274	0.00239	0.00092	0.00211	0
2108 Oct	0.0635	0.0000189	7.54	20.5	0.0898	0.00227	4.31	0.0123	0.0466	0.000336	0.000703	0.000355	0.432	0.00000263	0.00229	0.00085	0.00198	0
2108 Nov	0.0629	0.0000188	7.5	20.4	0.0888	0.00226	4.29	0.0122	0.0465	0.000329	0.000698	0.000353	0.43	0.00000262	0.00228	0.00084	0.00196	0
2108 Dec	0.0629	0.0000189	7.54	20.5	0.0891	0.00228	4.28	0.0123	0.0465	0.000328	0.000701	0.000355	0.432	0.00000262	0.0023	0.000841	0.00197	0
2109 Jan	0.0629	0.0000189	7.54	20.5	0.0891	0.00228	4.28	0.0123	0.0465	0.000328	0.000701	0.000355	0.432	0.00000262	0.0023	0.000841	0.00197	0
2109 Feb	0.0629	0.0000189	7.54	20.5	0.0891	0.00228	4.28	0.0123	0.0465	0.000329	0.000702	0.000355	0.432	0.00000262	0.0023	0.000842	0.00197	0
2109 Mar	0.063	0.0000189	7.55	20.5	0.0893	0.00228	4.29	0.0123	0.0465	0.000329	0.000702	0.000356	0.432	0.00000262	0.0023	0.000843	0.00197	0
2109 Apr	0.0633	0.000019	7.6	20.6	0.0898	0.00229	4.31	0.0124	0.0468	0.000331	0.000706	0.000358	0.435	0.00000264	0.00232	0.000847	0.00198	0
2109 May	0.0669	0.0000186	7.31	19.8	0.0917	0.00218	4.54	0.0118	0.0476	0.000372	0.000682	0.000346	0.422	0.00000261	0.00219	0.000881	0.00198	0
2109 Jun	0.0723	0.0000176	6.73	18.1	0.0936	0.00196	4.86	0.0107	0.0488	0.000436	0.000633	0.000322	0.395	0.00000255	0.00196	0.000929	0.00197	0
2109 Jul	0.0723	0.0000183	7.11	19.2	0.0957	0.00208	4.84	0.0114	0.0491	0.000429	0.000668	0.000339	0.415	0.00000262	0.00209	0.000936	0.00202	0
2109 Aug	0.0725	0.0000191	7.53	20.4	0.0981	0.00222	4.85	0.0121	0.0496	0.000424	0.000704	0.000358	0.437	0.00000271	0.00224	0.000942	0.00206	0
2109 Sep	0.0699	0.0000195	7.85	21.3	0.0983	0.00234	4.7	0.0127	0.0484	0.0004	0.000729	0.000372	0.453	0.00000271	0.00237	0.000925	0.00204	0
2109 Oct	0.0648	0.000019	7.75	21.1	0.0929	0.00234	4.41	0.0126	0.0465	0.000351	0.000711	0.000365	0.445	0.00000262	0.00237	0.000858	0.00193	0
2109 Nov	0.0645	0.0000191	7.83	21.3	0.0931	0.00237	4.4	0.0128	0.0464	0.000348	0.000717	0.000368	0.449	0.00000263	0.00239	0.000857	0.00193	0
2109 Dec	0.0645	0.0000192	7.87	21.4	0.0934	0.00238	4.39	0.0128	0.0464	0.000347	0.000721	0.00037	0.451	0.00000263	0.00241	0.000858	0.00193	0
2110 Jan	0.0645	0.0000192	7.88	21.5	0.0935	0.00239	4.4	0.0128	0.0464	0.000348	0.000722	0.000371	0.452	0.00000263	0.00241	0.000859	0.00193	0
2110 Feb	0.0645	0.0000192	7.88	21.5	0.0935	0.00239	4.4	0.0128	0.0464	0.000348	0.000722	0.000371	0.452	0.00000263	0.00241	0.000859	0.00193	0
2110 Mar	0.0646	0.0000192	7.89	21.5	0.0936	0.00239	4.4	0.0129	0.0464	0.000348	0.000722	0.000371	0.452	0.00000263	0.00241	0.00086	0.00193	0
2110 Apr	0.0648	0.0000193	7.91	21.6	0.0939	0.0024	4.42	0.0129	0.0466	0.000349	0.000725	0.000372	0.454	0.00000264	0.00242	0.000863	0.00194	0
2110 May	0.066	0.0000196	8.07	22	0.0965	0.00244	4.48	0.0132	0.0469	0.000362	0.00074	0.00038	0.463	0.00000267	0.00247	0.000885	0.00196	0
2110 Jun	0.0686	0.0000179	7.34	20	0.0969	0.00216	4.55	0.0118	0.045	0.000422	0.000684	0.000349	0.427	0.00000248	0.0022	0.000923	0.0019	0
2110 Jul	0.0693	0.0000185	7.53	20.5	0.0982	0.00222	4.59	0.0122	0.046	0.000421	0.000704	0.000358	0.437	0.00000255	0.00227	0.000934	0.00196	0
2110 Aug	0.0626	0.0000177	7.14	19.4	0.0884	0.00213	4.22	0.0116	0.0433	0.000356	0.000659	0.000339	0.411	0.00000246	0.00216	0.000816	0.00182	0
2110 Sep	0.0572	0.0000174	7.08	19.3	0.0829	0.00215	3.94	0.0115	0.0414	0.000303	0.000644	0.000333	0.405	0.00000238	0.00217	0.000746	0.00172	0
2110 Oct	0.0535	0.0000169	6.88	18.7	0.0774	0.00212	3.76	0.0112	0.0406	0.000262	0.000618	0.000322	0.393	0.00000231	0.00212	0.000689	0.00163	0
2110 Nov	0.0526	0.0000169	6.91	18.8	0.0768	0.00214	3.71	0.0113	0.0403	0.000254	0.000619	0.000323	0.393	0.0000023	0.00213	0.00068	0.00161	0
2110 Dec	0.0525	0.0000169	6.95	19	0.0771	0.00215	3.7	0.0114	0.0402	0.000253	0.000623	0.000325	0.396	0.00000231	0.00215	0.000681	0.00162	0
2111 Jan	0.0525	0.000017	6.97	19	0.0773	0.00216	3.7	0.0114	0.0402	0.000253	0.000624	0.000326	0.397	0.00000231	0.00216	0.000682	0.00162	0
2111 Feb	0.0525	0.000017	6.97	19	0.0773	0.00216	3.7	0.0114	0.0402	0.000253	0.000625	0.000326	0.397	0.00000231	0.00216	0.000682	0.00162	0
2111 Mar	0.0526	0.000017	6.99	19	0.0775	0.00216	3.71	0.0114	0.0403	0.000254	0.000626	0.000326	0.398	0.00000231	0.00216	0.000684	0.00162	0
2111 Apr	0.053	0.0000171	7.03	19.2	0.0779	0.00218	3.73	0.0115	0.0405	0.000255	0.00063	0.000328	0.4	0.00000233	0.00217	0.000688	0.00163	0
2111 May	0.0561	0.000017	6.91	18.8	0.0802	0.00212	3.93	0.0112	0.0416	0.000287	0.00062	0.000324	0.396	0.00000234	0.00211	0.000721	0.00166	0
2111 Jun	0.0637	0.0000155	5.98	16.1	0.0825	0.00176	4.35	0.00948	0.043	0.000381	0.000547	0.000285	0.351	0.00000223	0.00174	0.000796	0.00166	0
2111 Jul	0.0663	0.0000166	6.45	17.4	0.0872	0.0019	4.51	0.0103	0.0449	0.000394	0.000592	0.000307	0.377	0.00000237	0.00189	0.000837	0.00176	0
2111 Aug	0.0632	0.0000168	6.63	17.9	0.0855	0.00198	4.35	0.0106	0.0437	0.000363	0.000604	0.000315	0.385	0.00000237	0.00197	0.000799	0.00174	0
2111 Sep	0.0607	0.0000174	7.03	19.1	0.0862	0.00212	4.21	0.0114	0.0427	0.000339	0.000636	0.000333	0.405	0.0000024	0.00213	0.000783	0.00173	0
2111 Oct	0.0578	0.0000173	7.12	19.4	0.0842	0.00217	4.04	0.0116	0.0415	0.000311	0.00064	0.000335	0.409	0.00000237	0.00218	0.000753	0.00169	0
2111 Nov	0.0558	0.0000172	7.09	19.3	0.082	0.00218	3.93	0.0116	0.041	0.000291	0.000634	0.000333	0.406	0.00000234	0.00218	0.000727	0.00165	0
2111 Dec	0.0558	0.0000172	7.13	19.5	0.0823	0.00219	3.92	0.0116	0.0409	0.00029	0.000638	0.000335	0.408	0.00000235	0.00219	0.000728	0.00165	0
2112 Jan	0.0558	0.0000173	7.15	19.5	0.0824	0.0022	3.92	0.0117	0.0409	0.00029	0.00064	0.000336	0.409	0.00000235	0.0022	0.000729	0.00165	0
2112 Feb	0.0558	0.0000173	7.17	19.5	0.0826	0.0022	3.92	0.0117	0.0409	0.00029	0.000641	0.000337	0.41	0.00000235	0.00221	0.00073	0.00165	0
2112 Mar	0.0559	0.0000173	7.19	19.6	0.0828	0.00221	3.93	0.0117	0.041	0.00029	0.000643	0.000337	0.411	0.00000235	0.00221	0.000732	0.00166	0
2112 Apr	0.0562	0.0000174	7.23	19.7	0.0832	0.00222	3.95	0.0118	0.0412	0.000292	0.000647	0.000339	0.413	0.00000237	0.00222	0.000736	0.00167	0
2112 May	0.0599	0.0000174	7.18	19.6	0.087	0.00218	4.17	0.0117	0.0421	0.000333	0.000646	0.000339	0.414	0.00000238	0.00219	0.000782	0.0017	0
2112 Jun	0.0636	0.0000153	6.01	16.2	0.0847	0.00175	4.3	0.00954	0.0413	0.0004	0.000555	0.000288	0.354	0.00000217	0.00175	0.000817	0.00165	0
2112 Jul	0.0634	0.0000159	6.33	17.1	0.0862	0.00186	4.26	0.0101	0.0418	0.00039	0.000589	0.000303	0.37	0.00000225	0.00187	0.000829	0.00172	0
2112 Aug	0.0641	0.000017	6.93	18.8	0.0908	0.00205	4.31	0.0112	0.0424	0.000391	0.000642	0.00033	0.403	0.00000236	0.00208	0.000855	0.00178	0
2112 Sep	0.0621	0.0000179	7.58	20.7	0.0939	0.00227	4.18	0.0124	0.0414	0.000371	0.000697	0.000359	0.437	0.00000242	0.00232	0.000856	0.0018	0
2112 Oct	0.0605	0.0000185	8.01	22	0.0957	0.00242	4.07	0.0131	0.0406	0.000356	0.000734	0.000379	0.459	0.00000244	0.00248	0.000856	0.0018	0
2112 Nov	0.0601	0.0000187	8.19	22.5	0.0967	0.00248	4.05	0.0135	0.0404	0.000353	0.00075	0.000387	0.468	0.00000246	0.00255	0.000859	0.00181	0
2112 Dec	0.0601	0.0000188	8.21	22.6	0.0969	0.00248	4.05	0.0135	0.0404	0.000353	0.000752	0.000388	0.47	0.00000246	0.00256	0.00086	0.00181	0
2113 Jan	0.0601	0.0000188	8.24	22.7	0.0971	0.00249	4.04	0.0136	0.0404	0.000352	0.000754	0.000389	0.471	0.00000247	0.00257	0.000861	0.00181	0
2113 Feb	0.0601	0.0000188	8.24	22.7	0.0971	0.00249	4.04	0.0136	0.0404	0.000352	0.000754	0.000389	0.471	0.00000247	0.00257	0.000861	0.00181	0
2113 Mar	0.0603	0.0000189	8.27	22.7	0.0974	0.0025	4.06	0.0136	0.0405	0.000353	0.000757	0.00039	0.473	0.00000247	0.00258	0.000864	0.00182	0
2113 Apr	0.0606	0.000019	8.32	22.9	0.098	0.00252	4.08	0.0137	0.0407	0.000355	0.000761	0.000392	0.475	0.00000249	0.00259	0.000868	0.00183	0
2113 May	0.0634	0.000019	8.27	22.7	0.101	0.00249	4.25	0.0136	0.0416	0.000385	0.000759	0.000392	0.475	0.0000025	0.00256	0.000901	0.00185	0
2113 Jun	0.0677	0.0000175	7.36	20.1	0.099	0.00216	4.49	0.0119	0.0423	0.000439	0.000683	0.000352	0.429	0.00000238	0.00221	0.000928	0.00182	0
2113 Jul	0.0693	0.0000183	7.71	21	0.102	0.00226	4.59	0.0125	0.0437	0.000445	0.000715	0.000368	0.448	0.00000248	0.00233	0.000952	0.00189	0
2113 Aug	0.0698	0.0000192	8.2	22.4	0.106	0.00242	4.62	0.0133	0.0442	0.000444	0.000758	0.00039	0.474	0.00000257	0.0025	0.000971	0.00194	0
2113 Sep	0.0673	0.0000194	8.4	23.1	0.105	0.00251	4.48	0.0137	0.0434	0.000418	0.000773	0.000399	0.484	0.00000258	0.00258	0.000946	0.00192	0
2113 Oct	0.0615	0.0000186	8.02	22	0.0958	0.00243	4.17	0.0131	0.0417	0.000357	0.000729	0.000378	0.46	0.00000246	0.00248	0.000855	0.00179	0
2113 Nov	0.0602	0.0000185	7.99	21.9	0.0941	0.00243	4.11	0.0131	0.0416	0.000342	0.000724	0.000376	0.457	0.00000245	0.00248	0.000836	0.00177	0
2113 Dec	0.0602	0.0000185	8.01	22	0.0943	0.00244	4.11	0.0131	0.0416	0.000342	0.000726	0.000377	0.459	0.00000245	0.00249	0.000837	0.00177	0
2114 Jan	0.0602	0.0000185	8.02	22	0.0944	0.00244	4.11	0.0132	0.0416	0.000342	0.000727	0.000378	0.459	0.00000245	0.00249	0.000838	0.00177	0
2114 Feb	0.0602	0.0000185	8.02	22	0.0944	0.00244	4.11	0.0132	0.0416	0.000342	0.000727	0.000378	0.46	0.00000245	0.00249	0.000838	0.00177	0
2114 Mar	0.0603	0.0000186	8.04	22.1	0.0945	0.00245	4.12	0.0132	0.0416	0.000342	0.000728	0.000378	0.46	0.00000246	0.00249	0.000839	0.00177	0
2114 Apr	0.0606	0.0000186	8.07	22.1	0.0949	0.00246	4.13	0.0132	0.0418	0.000344	0.000731	0.00038	0.462	0.00000247	0.0025	0.000842	0.00178	0
2114 May	0.0638	0.0000184	7.95	21.8	0.0979	0.0024	4.31	0.013	0.0423	0.000383	0.000723	0.000376	0.458	0.00000245	0.00244	0.000882	0.00179	0
2114 Jun	0.0688	0.0000181	7.71	21.1	0.102	0.00229	4.6	0.0125	0.0437	0.000439	0.000707	0.000367	0.449	0.00000245	0.00233	0.00094	0.00184	0

Appendix D.2-9: J1

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.0718	0.0000194	8.33	22.8	0.108	0.00247	4.79	0.0135	0.0457	0.000455	0.000764	0.000396	0.483	0.00000261	0.00253	0.00099	0.00195	0
2114 Aug	0.0746	0.0000209	9.09	25	0.115	0.00271	4.97	0.0148	0.0475	0.00047	0.000833	0.000432	0.526	0.00000277	0.00279	0.00104	0.00206	0
2114 Sep	0.071	0.0000211	9.33	25.7	0.114	0.00281	4.76	0.0153	0.046	0.000436	0.00085	0.000441	0.536	0.00000276	0.00289	0.00101	0.00203	0
2114 Oct	0.0667	0.000021	9.38	25.9	0.11	0.00286	4.5	0.0155	0.0444	0.000395	0.00085	0.000442	0.537	0.00000271	0.00294	0.000962	0.00196	0
2114 Nov	0.0636	0.0000207	9.31	25.7	0.106	0.00285	4.32	0.0154	0.0433	0.000364	0.00084	0.000437	0.531	0.00000266	0.00293	0.000921	0.0019	0
2114 Dec	0.0634	0.0000207	9.34	25.8	0.106	0.00286	4.31	0.0154	0.0433	0.000362	0.000842	0.000438	0.532	0.00000266	0.00294	0.00092	0.0019	0
2115 Jan	0.0634	0.0000208	9.35	25.8	0.107	0.00287	4.31	0.0155	0.0432	0.000362	0.000843	0.000439	0.533	0.00000267	0.00295	0.00092	0.0019	0
2115 Feb	0.0634	0.0000208	9.37	25.9	0.107	0.00287	4.31	0.0155	0.0432	0.000362	0.000845	0.00044	0.534	0.00000267	0.00295	0.000921	0.0019	0
2115 Mar	0.0634	0.0000208	9.38	25.9	0.107	0.00288	4.31	0.0155	0.0433	0.000362	0.000846	0.00044	0.535	0.00000267	0.00295	0.000922	0.0019	0
2115 Apr	0.0638	0.0000209	9.43	26	0.107	0.00289	4.34	0.0156	0.0435	0.000364	0.00085	0.000443	0.537	0.00000268	0.00297	0.000927	0.00191	0
2115 May	0.067	0.0000202	8.96	24.7	0.108	0.00272	4.53	0.0147	0.0443	0.000401	0.000811	0.000423	0.515	0.00000264	0.00279	0.00095	0.00191	0
2115 Jun	0.0719	0.00002	8.73	23.9	0.11	0.00262	4.84	0.0142	0.0462	0.000449	0.000793	0.000414	0.505	0.00000266	0.00267	0.000999	0.00195	0
2115 Jul	0.0744	0.0000209	9.11	25	0.114	0.00274	5	0.0149	0.048	0.000461	0.000828	0.000432	0.527	0.00000278	0.0028	0.00103	0.00203	0
2115 Aug	0.0706	0.0000207	9	24.7	0.11	0.00272	4.78	0.0147	0.0464	0.000426	0.000815	0.000426	0.518	0.00000273	0.00278	0.000977	0.00198	0
2115 Sep	0.0683	0.0000211	9.35	25.7	0.111	0.00284	4.65	0.0154	0.0454	0.000404	0.000843	0.000441	0.536	0.00000276	0.00291	0.000962	0.00197	0
2115 Oct	0.067	0.0000216	9.73	26.8	0.112	0.00297	4.55	0.0161	0.0446	0.000393	0.000877	0.000458	0.555	0.00000278	0.00306	0.000964	0.00198	0
2115 Nov	0.0651	0.0000215	9.74	26.9	0.111	0.00298	4.44	0.0161	0.0439	0.000375	0.000875	0.000458	0.555	0.00000276	0.00307	0.000943	0.00195	0
2115 Dec	0.065	0.0000215	9.74	26.9	0.111	0.00299	4.43	0.0161	0.0439	0.000374	0.000875	0.000458	0.555	0.00000276	0.00307	0.000941	0.00195	0
2116 Jan	0.065	0.0000216	9.76	27	0.111	0.00299	4.43	0.0162	0.0439	0.000373	0.000878	0.000459	0.556	0.00000276	0.00308	0.000942	0.00195	0
2116 Feb	0.065	0.0000216	9.77	27	0.111	0.003	4.43	0.0162	0.0439	0.000374	0.000878	0.000459	0.556	0.00000276	0.00308	0.000943	0.00195	0
2116 Mar	0.0651	0.0000216	9.78	27	0.111	0.003	4.44	0.0162	0.0439	0.000374	0.000879	0.00046	0.557	0.00000276	0.00308	0.000944	0.00195	0
2116 Apr	0.0654	0.0000217	9.83	27.1	0.112	0.00301	4.46	0.0163	0.0441	0.000376	0.000883	0.000462	0.56	0.00000278	0.0031	0.000948	0.00196	0
2116 May	0.0676	0.0000218	9.9	27.3	0.115	0.00302	4.57	0.0163	0.0444	0.000403	0.000892	0.000466	0.565	0.00000278	0.00311	0.000983	0.00199	0
2116 Jun	0.0694	0.000019	8.28	22.7	0.107	0.00246	4.61	0.0135	0.0432	0.000449	0.000759	0.000394	0.48	0.00000252	0.00253	0.000973	0.00188	0
2116 Jul	0.0715	0.0000199	8.66	23.8	0.111	0.00257	4.74	0.0141	0.0449	0.000458	0.000797	0.000412	0.501	0.00000263	0.00265	0.00101	0.00198	0
2116 Aug	0.0735	0.0000209	9.21	25.3	0.116	0.00275	4.87	0.0151	0.0463	0.000468	0.000847	0.000438	0.531	0.00000276	0.00284	0.00105	0.00206	0
2116 Sep	0.0688	0.0000207	9.15	25.2	0.111	0.00276	4.62	0.015	0.0447	0.000421	0.000835	0.000433	0.526	0.0000027	0.00284	0.000985	0.00198	0
2116 Oct	0.064	0.0000203	9	24.8	0.105	0.00275	4.35	0.0148	0.0434	0.00037	0.000814	0.000424	0.515	0.00000263	0.00282	0.000916	0.00189	0
2116 Nov	0.0634	0.0000204	9.1	25.1	0.105	0.00279	4.32	0.015	0.0432	0.000364	0.000822	0.000428	0.519	0.00000264	0.00285	0.000913	0.00189	0
2116 Dec	0.0634	0.0000204	9.13	25.2	0.105	0.0028	4.32	0.0151	0.0432	0.000363	0.000825	0.000429	0.521	0.00000264	0.00287	0.000914	0.00189	0
2117 Jan	0.0634	0.0000205	9.15	25.2	0.105	0.0028	4.31	0.0151	0.0432	0.000363	0.000826	0.00043	0.522	0.00000264	0.00287	0.000914	0.00189	0
2117 Feb	0.0634	0.0000205	9.15	25.2	0.105	0.0028	4.31	0.0151	0.0432	0.000363	0.000826	0.00043	0.522	0.00000264	0.00287	0.000915	0.00189	0
2117 Mar	0.0635	0.0000205	9.16	25.3	0.105	0.0028	4.32	0.0151	0.0432	0.000364	0.000827	0.00043	0.523	0.00000264	0.00287	0.000916	0.0019	0
2117 Apr	0.0639	0.0000206	9.21	25.4	0.106	0.00282	4.35	0.0152	0.0435	0.000366	0.000832	0.000433	0.526	0.00000266	0.00289	0.000921	0.00191	0
2117 May	0.0666	0.0000204	9.02	24.8	0.107	0.00274	4.52	0.0148	0.0445	0.000394	0.000816	0.000425	0.517	0.00000266	0.00281	0.000947	0.00192	0
2117 Jun	0.0713	0.0000194	8.35	22.9	0.107	0.0025	4.8	0.0136	0.0459	0.000446	0.000762	0.000397	0.484	0.00000261	0.00254	0.000982	0.00193	0
2117 Jul	0.0741	0.0000205	8.83	24.2	0.112	0.00264	4.98	0.0144	0.0479	0.000461	0.000805	0.000419	0.511	0.00000274	0.0027	0.00102	0.00203	0
2117 Aug	0.0749	0.0000212	9.19	25.2	0.115	0.00276	5.04	0.015	0.0486	0.000462	0.000837	0.000436	0.531	0.00000282	0.00282	0.00104	0.00208	0
2117 Sep	0.0745	0.0000218	9.57	26.3	0.117	0.00288	5.01	0.0157	0.0485	0.000456	0.000871	0.000453	0.551	0.00000287	0.00296	0.00105	0.0021	0
2117 Oct	0.0722	0.0000218	9.64	26.5	0.116	0.00292	4.88	0.0158	0.0476	0.000434	0.000874	0.000455	0.553	0.00000285	0.003	0.00102	0.00207	0
2117 Nov	0.0714	0.0000217	9.59	26.4	0.115	0.00291	4.83	0.0157	0.0473	0.000425	0.000869	0.000452	0.55	0.00000283	0.00298	0.00101	0.00205	0
2117 Dec	0.0711	0.0000217	9.6	26.4	0.114	0.00291	4.81	0.0158	0.0473	0.000423	0.000869	0.000453	0.55	0.00000283	0.00299	0.00101	0.00205	0
2118 Jan	0.0711	0.0000217	9.61	26.5	0.115	0.00292	4.81	0.0158	0.0472	0.000423	0.00087	0.000453	0.551	0.00000283	0.00299	0.00101	0.00205	0
2118 Feb	0.0711	0.0000217	9.61	26.5	0.115	0.00292	4.81	0.0158	0.0473	0.000423	0.00087	0.000453	0.551	0.00000283	0.00299	0.00101	0.00205	0
2118 Mar	0.0712	0.0000217	9.61	26.5	0.115	0.00292	4.82	0.0158	0.0473	0.000423	0.00087	0.000453	0.551	0.00000283	0.00299	0.00101	0.00205	0
2118 Apr	0.0717	0.0000218	9.64	26.5	0.115	0.00293	4.85	0.0158	0.0475	0.000426	0.000872	0.000454	0.553	0.00000284	0.003	0.00102	0.00206	0
2118 May	0.0763	0.0000203	8.73	23.9	0.114	0.0026	5.12	0.0141	0.0482	0.000482	0.000795	0.000415	0.508	0.00000272	0.00265	0.00104	0.00201	0
2118 Jun	0.0777	0.0000177	7.25	19.7	0.107	0.00209	5.17	0.0115	0.0471	0.000522	0.000669	0.000349	0.43	0.00000248	0.00212	0.00102	0.00189	0
2118 Jul	0.0814	0.0000188	7.74	21	0.113	0.00224	5.41	0.0123	0.0495	0.000544	0.000715	0.000372	0.458	0.00000262	0.00227	0.00108	0.00201	0
2118 Aug	0.0774	0.0000191	7.95	21.6	0.11	0.00233	5.19	0.0127	0.0479	0.000505	0.000729	0.000381	0.467	0.00000263	0.00236	0.00103	0.00197	0
2118 Sep	0.0698	0.0000187	7.91	21.6	0.103	0.00236	4.76	0.0128	0.0452	0.000431	0.000716	0.000376	0.46	0.00000254	0.00239	0.000937	0.00186	0
2118 Oct	0.0652	0.0000187	8.04	22	0.0991	0.00244	4.49	0.0131	0.0437	0.000385	0.000723	0.00038	0.464	0.0000025	0.00246	0.000887	0.0018	0
2118 Nov	0.064	0.0000188	8.12	22.3	0.0986	0.00247	4.41	0.0133	0.0433	0.000373	0.000729	0.000383	0.468	0.0000025	0.0025	0.000876	0.00179	0
2118 Dec	0.064	0.0000188	8.13	22.3	0.0986	0.00247	4.41	0.0133	0.0433	0.000372	0.000729	0.000383	0.468	0.0000025	0.0025	0.000876	0.00179	0
2119 Jan	0.064	0.0000188	8.14	22.3	0.0987	0.00248	4.41	0.0133	0.0433	0.000372	0.000731	0.000384	0.469	0.0000025	0.00251	0.000876	0.00179	0
2119 Feb	0.064	0.0000188	8.16	22.4	0.0988	0.00248	4.41	0.0133	0.0433	0.000372	0.000732	0.000385	0.469	0.0000025	0.00251	0.000877	0.00179	0
2119 Mar	0.0641	0.0000189	8.17	22.4	0.099	0.00249	4.42	0.0133	0.0433	0.000373	0.000733	0.000385	0.47	0.00000251	0.00252	0.000879	0.00179	0
2119 Apr	0.0659	0.0000189	8.19	22.4	0.101	0.00249	4.54	0.0133	0.0439	0.000382	0.000734	0.000386	0.473	0.00000252	0.00251	0.000898	0.0018	0
2119 May	0.0749	0.0000173	7.24	19.7	0.105	0.00212	5.08	0.0115	0.0453	0.000456	0.000651	0.000343	0.429	0.00000239	0.00213	0.000974	0.00176	0
2119 Jun	0.0746	0.0000169	7	19	0.103	0.00204	5.03	0.0111	0.045	0.000463	0.000635	0.000333	0.416	0.00000236	0.00205	0.000973	0.00176	0
2119 Jul	0.0772	0.0000181	7.53	20.5	0.108	0.0022	5.19	0.012	0.0469	0.000475	0.000685	0.000357	0.445	0.0000025	0.00222	0.00102	0.00187	0
2119 Aug	0.0768	0.0000187	7.89	21.5	0.11	0.00232	5.19	0.0126	0.0472	0.000465	0.000715	0.000373	0.463	0.00000257	0.00234	0.00102	0.00191	0
2119 Sep	0.0721	0.0000189	8.06	22	0.107	0.0024	4.92	0.013	0.0454	0.000423	0.000727	0.00038	0.47	0.00000255	0.00243	0.000969	0.00186	0
2119 Oct	0.0686	0.0000189	8.18	22.4	0.104	0.00246	4.7	0.0133	0.0442	0.000392	0.000734	0.000385	0.474	0.00000252	0.00249	0.000933	0.00182	0
2119 Nov	0.0671	0.0000188	8.17	22.4	0.103	0.00247	4.61	0.0133	0.0437	0.000377	0.000731	0.000383	0.473	0.00000251	0.0025	0.000913	0.00179	0
2119 Dec	0.067	0.0000189	8.19	22.5	0.103	0.00248	4.61	0.0133	0.0437	0.000377	0.000733	0.000384	0.474	0.00000251	0.00251	0.000913	0.0018	0

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	44.5	0.0339	0.00788	0.000962	8.94	0.0253	3.23	0.000962	0.000962	0.00000481	0.00697	0.00105	0.00957	0.0155	0.00000481	13.4	0.000017	0.000219	0.000149	0.000771
Operation (2026-2036): Mean	53	0.0484	0.00997	0.00107	11.5	0.0302	4.13	0.00107	0.00107	0.00000534	0.00771	0.00121	0.0107	0.02	0.00000534	17	0.0000195	0.000255	0.000225	0.000896
Operation (2026-2036): Max	67.4	0.0671	0.0135	0.00116	15.4	0.0335	5.52	0.00116	0.00116	0.00000581	0.0084	0.00148	0.0117	0.0273	0.00000581	22.9	0.000022	0.00032	0.000342	0.00109
Active Closure (2037-2043): Min	49.5	0.0517	0.00883	0.000997	10.9	0.0274	3.96	0.000924	0.000924	0.00000469	0.00692	0.00112	0.0102	0.0181	0.00000482	15.8	0.0000179	0.000235	0.000183	0.000826
Active Closure (2037-2043): Mean	110	0.0878	0.213	0.00378	31.9	0.0393	20.5	0.000988	0.000988	0.00000499	0.00747	0.0014	0.0308	0.0226	0.00000547	20.6	0.000022	0.000574	0.000263	0.000942
Active Closure (2037-2043): Max	131	0.11	0.3	0.00499	40.4	0.0452	26.8	0.00106	0.00106	0.00000537	0.00809	0.0016	0.0392	0.0284	0.00000579	25	0.0000242	0.000689	0.000364	0.00109
Post Closure (2044-2119): Min	72.6	0.0362	0.0152	0.00108	11.6	0.0339	19.3	0.000844	0.000844	0.00000427	0.00622	0.00115	0.0274	0.0157	0.00000478	15.1	0.0000173	0.000522	0.000155	0.000758
Post Closure (2044-2119): Mean	91.7	0.0563	0.0385	0.00141	16.3	0.0429	26.2	0.000947	0.000947	0.00000481	0.00718	0.00151	0.0369	0.0251	0.00000544	23	0.0000218	0.000685	0.000306	0.001
Post Closure (2044-2119): Max	120	0.0897	0.222	0.00393	32.7	0.0522	36.5	0.00107	0.00107	0.00000542	0.00817	0.00187	0.0498	0.0324	0.00000633	29.6	0.0000277	0.000935	0.000435	0.00121
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	66.5	0.0663	0.0133	0.00113	15.2	0.0331	5.45	0.00113	0.00113	0.00000566	0.00808	0.00146	0.0112	0.0269	0.00000566	22.6	0.0000201	0.000316	0.000338	0.00108
2026 Feb	66.5	0.0663	0.0133	0.00113	15.2	0.0331	5.45	0.00113	0.00113	0.00000566	0.00808	0.00146	0.0112	0.0269	0.00000566	22.6	0.0000201	0.000316	0.000338	0.00108
2026 Mar	66.6	0.0663	0.0133	0.00113	15.2	0.0331	5.45	0.00113	0.00113	0.00000566	0.00809	0.00146	0.0112	0.0269	0.00000566	22.6	0.0000201	0.000316	0.000338	0.00108
2026 Apr	66.7	0.0665	0.0133	0.00114	15.3	0.0332	5.46	0.00114	0.00114	0.00000568	0.00811	0.00147	0.0112	0.027	0.00000568	22.6	0.0000202	0.000317	0.000339	0.00108
2026 May	67.4	0.0671	0.0135	0.00115	15.4	0.0335	5.52	0.00115	0.00115	0.00000573	0.00818	0.00148	0.0113	0.0273	0.00000573	22.9	0.0000204	0.00032	0.000342	0.00109
2026 Jun	61.6	0.0563	0.0124	0.0011	13.7	0.0302	4.88	0.0011	0.0011	0.00000548	0.00787	0.00136	0.0108	0.0245	0.00000548	20.6	0.0000204	0.000298	0.000305	0.000996
2026 Jul	61.5	0.0548	0.0124	0.00112	13.6	0.0305	4.84	0.00112	0.00112	0.0000056	0.00802	0.00137	0.011	0.0244	0.0000056	20.5	0.0000209	0.000299	0.0003	0.001
2026 Aug	61.6	0.0544	0.0123	0.00113	13.6	0.0316	4.86	0.00113	0.00113	0.00000567	0.00804	0.00138	0.0112	0.0244	0.00000567	20.5	0.0000206	0.000297	0.000297	0.00101
2026 Sep	62.2	0.0555	0.0124	0.00115	13.8	0.0321	4.92	0.00115	0.00115	0.00000573	0.00813	0.00139	0.0113	0.0245	0.00000573	20.6	0.0000207	0.000299	0.000297	0.00102
2026 Oct	61.5	0.0568	0.0121	0.00114	13.7	0.0323	4.9	0.00114	0.00114	0.00000568	0.00809	0.00138	0.0113	0.0242	0.00000568	20.4	0.0000204	0.000295	0.000291	0.00101
2026 Nov	61.6	0.057	0.0121	0.00114	13.7	0.0324	4.91	0.00114	0.00114	0.00000569	0.00811	0.00138	0.0113	0.0242	0.00000569	20.4	0.0000205	0.000295	0.000292	0.00102
2026 Dec	61.7	0.057	0.0121	0.00114	13.7	0.0324	4.91	0.00114	0.00114	0.0000057	0.00811	0.00138	0.0113	0.0243	0.0000057	20.4	0.0000205	0.000295	0.000292	0.00102
2027 Jan	61.7	0.057	0.0121	0.00114	13.7	0.0324	4.91	0.00114	0.00114	0.0000057	0.00811	0.00138	0.0113	0.0243	0.0000057	20.4	0.0000205	0.000295	0.000292	0.00102
2027 Feb	61.7	0.057	0.0121	0.00114	13.7	0.0324	4.91	0.00114	0.00114	0.0000057	0.00811	0.00138	0.0113	0.0243	0.0000057	20.4	0.0000205	0.000295	0.000292	0.00102
2027 Mar	61.7	0.057	0.0121	0.00114	13.7	0.0324	4.91	0.00114	0.00114	0.0000057	0.00812	0.00138	0.0113	0.0243	0.0000057	20.4	0.0000205	0.000296	0.000292	0.00102
2027 Apr	61.9	0.0572	0.0122	0.00114	13.8	0.0326	4.93	0.00114	0.00114	0.00000572	0.00815	0.00139	0.0114	0.0244	0.00000572	20.5	0.0000205	0.000297	0.000293	0.00102
2027 May	62.8	0.058	0.0123	0.00116	14	0.0329	5	0.00116	0.00116	0.00000579	0.00825	0.00141	0.0115	0.0247	0.00000579	20.8	0.0000208	0.000301	0.000298	0.00104
2027 Jun	56.9	0.0483	0.0112	0.0011	12.3	0.0297	4.38	0.0011	0.0011	0.0000055	0.00789	0.00128	0.0109	0.022	0.0000055	18.5	0.0000206	0.000278	0.00026	0.000937
2027 Jul	54.9	0.044	0.0108	0.0011	11.6	0.0291	4.14	0.0011	0.0011	0.00000552	0.00791	0.00125	0.0109	0.0209	0.00000552	17.7	0.0000209	0.00027	0.000243	0.000909
2027 Aug	56.6	0.0453	0.0111	0.00114	12	0.0304	4.28	0.00114	0.00114	0.0000057	0.00814	0.00129	0.0113	0.0215	0.0000057	18.2	0.0000214	0.000278	0.000249	0.00094
2027 Sep	56.2	0.0469	0.0109	0.00113	12	0.031	4.29	0.00113	0.00113	0.00000567	0.00811	0.00128	0.0113	0.0213	0.00000567	18.1	0.0000209	0.000274	0.000243	0.000937
2027 Oct	55.7	0.0487	0.0106	0.00112	12	0.0312	4.3	0.00112	0.00112	0.00000562	0.00807	0.00127	0.0113	0.021	0.00000562	17.9	0.0000206	0.000271	0.000238	0.000934
2027 Nov	55.6	0.0494	0.0106	0.00112	12	0.0314	4.31	0.00112	0.00112	0.00000561	0.00808	0.00127	0.0113	0.021	0.00000561	17.9	0.0000206	0.00027	0.000237	0.000934
2027 Dec	55.6	0.0495	0.0105	0.00112	12	0.0314	4.31	0.00112	0.00112	0.00000561	0.00808	0.00127	0.0113	0.021	0.00000561	17.9	0.0000205	0.00027	0.000237	0.000934
2028 Jan	55.6	0.0495	0.0105	0.00112	12	0.0314	4.31	0.00112	0.00112	0.00000561	0.00808	0.00127	0.0113	0.021	0.00000561	17.9	0.0000205	0.00027	0.000237	0.000934
2028 Feb	55.6	0.0495	0.0105	0.00112	12	0.0314	4.31	0.00112	0.00112	0.00000561	0.00808	0.00127	0.0113	0.021	0.00000561	17.9	0.0000205	0.00027	0.000237	0.000934
2028 Mar	55.6	0.0495	0.0105	0.00112	12	0.0314	4.31	0.00112	0.00112	0.00000561	0.00808	0.00127	0.0113	0.021	0.00000561	17.9	0.0000205	0.00027	0.000237	0.000934
2028 Apr	55.8	0.0496	0.0106	0.00112	12	0.0315	4.32	0.00112	0.00112	0.00000562	0.00809	0.00127	0.0113	0.021	0.00000562	17.9	0.0000206	0.00027	0.000237	0.000936
2028 May	56.3	0.0501	0.0107	0.00113	12.1	0.0317	4.35	0.00113	0.00113	0.00000567	0.00817	0.00128	0.0114	0.0212	0.00000567	18.1	0.0000208	0.000273	0.00024	0.000945
2028 Jun	52.3	0.0431	0.00994	0.0011	11	0.0295	3.93	0.0011	0.0011	0.00000549	0.00794	0.0012	0.011	0.0194	0.00000549	16.5	0.0000208	0.000257	0.000214	0.000878
2028 Jul	50.9	0.0396	0.00968	0.0011	10.5	0.0289	3.75	0.0011	0.0011	0.00000549	0.00794	0.00117	0.011	0.0186	0.00000549	15.9	0.000021	0.000252	0.000203	0.000857
2028 Aug	53.3	0.0415	0.0101	0.00115	11	0.0304	3.94	0.00115	0.00115	0.00000576	0.00831	0.00123	0.0116	0.0195	0.00000576	16.7	0.0000219	0.000264	0.000212	0.000899
2028 Sep	53.8	0.0434	0.0101	0.00116	11.2	0.0311	4	0.00116	0.00116	0.00000581	0.0084	0.00124	0.0117	0.0197	0.00000581	16.8	0.000022	0.000266	0.000213	0.000911
2028 Oct	52.3	0.0475	0.0095	0.00112	11.1	0.0314	3.99	0.00112	0.00112	0.00000561	0.00821	0.0012	0.0114	0.019	0.00000561	16.4	0.0000209	0.000254	0.000202	0.000895
2028 Nov	52.4	0.0485	0.00945	0.00112	11.1	0.0317	4.02	0.00112	0.00112	0.00000561	0.00823	0.0012	0.0114	0.019	0.00000561	16.4	0.0000209	0.000254	0.000201	0.000898
2028 Dec	52.4	0.0485	0.00946	0.00112	11.1	0.0317	4.02	0.00112	0.00112	0.00000561	0.00823	0.00121	0.0114	0.019	0.00000561	16.4	0.0000209	0.000254	0.000201	0.000898
2029 Jan	52.4	0.0485	0.00946	0.00112	11.1	0.0317	4.02	0.00112	0.00112	0.00000561	0.00823	0.00121	0.0114	0.019	0.00000561	16.4	0.0000209	0.000254	0.000201	0.000898
2029 Feb	52.4	0.0485	0.00946	0.00112	11.1	0.0317	4.02	0.00112	0.00112	0.00000561	0.00823	0.00121	0.0114	0.019	0.00000561	16.4	0.0000209	0.000254	0.000201	0.000898
2029 Mar	52.4	0.0485	0.00946	0.00112	11.1	0.0317	4.02	0.00112	0.00112	0.00000561	0.00823	0.00121	0.0114	0.019	0.00000561	16.4	0.0000209	0.000254	0.000201	0.000899
2029 Apr	52.5	0.0485	0.00947	0.00112	11.1	0.0317	4.02	0.00112	0.00112	0.00000562	0.00824	0.00121	0.0115	0.0191	0.00000562	16.4	0.0000209	0.000254	0.000201	0.000899
2029 May	52.8	0.0488	0.00952	0.00113	11.2	0.0319	4.05	0.00113	0.00113	0.00000565	0.00829	0.00121	0.0115	0.0192	0.00000565	16.5	0.000021	0.000256	0.000202	0.000905
2029 Jun	52	0.0461	0.00945	0.00113	10.9	0.0311	3.92	0.00113	0.00113	0.00000564	0.00827	0.0012	0.0115	0.0188	0.00000564	16.2	0.0000213	0.000254	0.000198	0.000888
2029 Jul	46	0.0356	0.00842	0.00105	9.34	0.0281	3.36	0.00105	0.00105	0.00000527	0.00765	0.00108	0.0106	0.0164	0.00000527	14.1	0.00002	0.000227	0.000167	0.000797
2029 Aug	47	0.036	0.00855	0.00108	9.58	0.0294	3.46	0.00108	0.00108	0.00000542	0.00777	0.00112	0.0108	0.0168	0.00000542	14.4	0.00002	0.00023	0.000169	0.000822
2029 Sep	47.6	0.0376	0.00859	0.0011	9.77	0.0301	3.53	0.0011	0.0011	0.00000548	0.00786	0.00113	0.011	0.017	0.00000548	14.6	0.0000201	0.000232	0.00017	0.000834
2029 Oct	47.5	0.0398	0.00843	0.00109	9.82	0.0305	3.56	0.00109	0.00109	0.00000543	0.00784	0.00112	0.011	0.0169	0.00000543	14.6	0.0000198	0.00023	0.000168	0.000835
2029 Nov	46.9	0.0425	0.00814	0.00107	9.81	0.0306	3.58	0.00107	0.00107	0.00000533	0.00775	0.0011	0.0108	0.0166	0.00000533	14.4	0.0000193	0.000225	0.000164	0.000829
2029 Dec	46.9	0.0425	0.00814	0.00107	9.81	0.0306	3.58	0.00107	0.00107	0.00000533	0.00775	0.0011	0.0108	0.0166	0.00000533	14.4	0.0000193	0.000225	0.000164	0.000829
2030 Jan	46.9	0.0425	0.00814	0.00107	9.81	0.0306	3.58	0.00107	0.00107	0.00000533	0.00775	0.0011	0.0108	0.0166	0.00000533	14.4	0.0000193	0.000225	0.000164	0.000829
2030 Feb	46.9	0.0425	0.00814	0.00107	9.81	0.0306	3.58	0.00107	0.00107	0.00000533	0.00775	0.0011	0.0108	0.0166	0.00000533	14.4	0.0000193	0.000225	0.000164	0.000829
2030 Mar	47	0.0425	0.00815	0.00107	9.82	0.0307	3.58	0.00107	0.00107	0.00000533	0.00775	0.00111	0.0108	0.0167	0.00000533	14.4	0.0000193	0.000225	0.000164	0.00083
2030 Apr	47	0.0426	0.00815	0.00107	9.83	0.0307	3.58	0.00107	0.00107	0.00000534	0.00776	0.00111	0.0109	0.0167	0.00000534	14.4	0.0000193	0.000226	0.000164	0.00083
2030 May	47.5	0.043	0.00824	0.00108	9.93	0.031	3.62	0.00108	0.00108	0.00000539	0.00784	0.00112	0.011	0.0168	0.00000539	14.6	0.0000195	0.000228	0.000166	0.000839
2030 Jun	45.6	0.0381	0.00803	0.00106	9.3	0.0293	3.37	0.00106	0.00106	0.00000532	0.00776	0.00108	0.0108	0.016	0.00000532	13.8	0.0000199	0.000223	0.000155	0.000801
2030 Jul	44.5	0.0348	0.00788	0.00106	8.94	0.0286	3.23	0.00106	0.00106	0.00000528	0.00768	0.00106	0.0107	0.0155	0.00000528	13.4	0.0000199	0.000219	0.000149	0.000783
2030 Aug	45.3	0.0351	0.008	0.00108	9.14	0.0296	3.31	0.00108	0.00108	0.00000541	0.00779	0.00109	0.0109	0.0158	0.00000541	13.6	0.0000199	0.000221	0.000151	0.000805
2030 Sep	46.4	0.0363	0.00817	0.00111	9.38	0.0305	3.4	0.00111	0.00111	0.00000554	0.00797	0.00111	0.0111	0.0162	0.00000554	14	0.0000203	0.000226	0.000155	0.000825
2030 Oct	46.4	0.0379	0.00807	0.0011	9.44	0.0307	3.43	0.0011	0.0011	0.00000551	0.00796	0.00111	0.0111	0.0162	0.00000551	14	0.0000201	0.000225	0.000154	0.000826
2030 Nov	46.3	0.039	0.00798	0.00109	9.46	0.0308	3.45	0.00109	0.00109	0.00000547	0.00793	0.0011	0.0111	0.0161	0.00000547	14	0.00002	0.000224	0.000153	0.000825
2030 Dec	46.3	0.039	0.00799	0.00109	9.46	0.0308	3.45	0.00109	0.00109	0.00000547	0.00793	0.0011	0.0111	0.0161	0.00000547	14	0.00002	0.000224	0.000153	0.000825
2031 Jan	46.3	0.039	0.00799	0.00109	9.46	0.0308	3.45	0.00109	0.00109	0.00000547	0.00793	0.0011	0.0111	0.0161	0.00000547	14	0.00002	0.000224	0.000153	0.000825

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	46.3	0.039	0.00799	0.00109	9.46	0.0308	3.45	0.00109	0.00109	0.00000547	0.00793	0.0011	0.0111	0.0161	0.00000547	14	0.00002	0.000224	0.000153	0.000825
2031 Mar	46.3	0.039	0.00799	0.0011	9.46	0.0308	3.45	0.0011	0.0011	0.00000548	0.00794	0.0011	0.0111	0.0161	0.00000548	14	0.00002	0.000224	0.000153	0.000825
2031 Apr	46.4	0.0391	0.00802	0.0011	9.49	0.0309	3.46	0.0011	0.0011	0.00000549	0.00796	0.00111	0.0111	0.0162	0.00000549	14	0.00002	0.000224	0.000153	0.000828
2031 May	47.9	0.0402	0.00841	0.00111	9.84	0.0311	3.58	0.00111	0.00111	0.00000555	0.00803	0.00114	0.0112	0.0169	0.00000555	14.6	0.0000203	0.000232	0.000165	0.000847
2031 Jun	52.1	0.0421	0.01	0.00108	11	0.029	3.93	0.00108	0.00108	0.00000541	0.00777	0.0012	0.0107	0.0196	0.00000541	16.6	0.0000203	0.000255	0.000221	0.000879
2031 Jul	54.2	0.0433	0.0104	0.00113	11.4	0.0302	4.08	0.00113	0.00113	0.00000565	0.00811	0.00125	0.0112	0.0203	0.00000565	17.2	0.0000212	0.000265	0.000228	0.000915
2031 Aug	55.4	0.0441	0.0106	0.00116	11.7	0.0314	4.18	0.00116	0.00116	0.0000058	0.00828	0.00128	0.0115	0.0208	0.0000058	17.6	0.0000215	0.00027	0.000232	0.000939
2031 Sep	54.8	0.046	0.0103	0.00115	11.6	0.0318	4.18	0.00115	0.00115	0.00000574	0.0082	0.00127	0.0114	0.0205	0.00000574	17.4	0.0000209	0.000266	0.000226	0.000933
2031 Oct	53.4	0.0497	0.00974	0.00111	11.5	0.0321	4.17	0.00111	0.00111	0.00000557	0.00805	0.00123	0.0112	0.0198	0.00000557	16.9	0.0000201	0.000256	0.000214	0.000918
2031 Nov	53.4	0.0502	0.00971	0.00111	11.5	0.0322	4.18	0.00111	0.00111	0.00000557	0.00806	0.00123	0.0112	0.0198	0.00000557	17	0.00002	0.000255	0.000214	0.000919
2031 Dec	53.4	0.0502	0.00972	0.00111	11.5	0.0322	4.18	0.00111	0.00111	0.00000557	0.00806	0.00123	0.0112	0.0198	0.00000557	17	0.00002	0.000255	0.000214	0.000919
2032 Jan	53.4	0.0502	0.00972	0.00111	11.5	0.0322	4.18	0.00111	0.00111	0.00000557	0.00806	0.00123	0.0112	0.0198	0.00000557	17	0.00002	0.000255	0.000214	0.000919
2032 Feb	53.4	0.0502	0.00972	0.00111	11.5	0.0322	4.18	0.00111	0.00111	0.00000557	0.00806	0.00123	0.0112	0.0198	0.00000557	17	0.00002	0.000255	0.000214	0.000919
2032 Mar	53.5	0.0502	0.00972	0.00111	11.5	0.0322	4.18	0.00111	0.00111	0.00000557	0.00807	0.00123	0.0112	0.0198	0.00000557	17	0.0000201	0.000255	0.000214	0.00092
2032 Apr	53.6	0.0503	0.00974	0.00112	11.5	0.0323	4.19	0.00112	0.00112	0.00000558	0.00808	0.00123	0.0113	0.0199	0.00000558	17	0.0000201	0.000256	0.000214	0.000921
2032 May	54.1	0.0508	0.00985	0.00113	11.7	0.0326	4.23	0.00113	0.00113	0.00000564	0.00816	0.00125	0.0114	0.0201	0.00000564	17.2	0.0000203	0.000259	0.000217	0.000931
2032 Jun	49.9	0.0419	0.0093	0.00108	10.4	0.0291	3.75	0.00108	0.00108	0.00000538	0.00782	0.00115	0.0108	0.0183	0.00000538	15.6	0.0000203	0.000245	0.000197	0.000851
2032 Jul	44.7	0.0339	0.00833	0.00101	9.12	0.0267	3.27	0.00101	0.00101	0.00000503	0.00726	0.00105	0.01	0.0161	0.00000503	13.8	0.000019	0.000221	0.000169	0.000771
2032 Aug	45.2	0.0341	0.00833	0.00102	9.27	0.0278	3.34	0.00102	0.00102	0.00000511	0.00728	0.00107	0.0102	0.0163	0.00000511	13.9	0.0000187	0.000221	0.000168	0.000785
2032 Sep	45.9	0.0353	0.00841	0.00104	9.47	0.0285	3.41	0.00104	0.00104	0.00000519	0.00738	0.00109	0.0104	0.0166	0.00000519	14.2	0.0000188	0.000224	0.00017	0.000798
2032 Oct	46.1	0.0364	0.0084	0.00104	9.55	0.0288	3.44	0.00104	0.00104	0.00000521	0.00742	0.00109	0.0105	0.0166	0.00000521	14.3	0.0000188	0.000224	0.00017	0.000804
2032 Nov	46.2	0.0369	0.00838	0.00104	9.57	0.029	3.45	0.00104	0.00104	0.0000052	0.00743	0.00109	0.0105	0.0166	0.0000052	14.3	0.0000188	0.000224	0.00017	0.000805
2032 Dec	46.1	0.0373	0.00833	0.00104	9.57	0.029	3.46	0.00104	0.00104	0.00000519	0.00741	0.00109	0.0104	0.0166	0.00000519	14.2	0.0000187	0.000223	0.000169	0.000804
2033 Jan	46.1	0.0373	0.00833	0.00104	9.57	0.029	3.46	0.00104	0.00104	0.00000519	0.00741	0.00109	0.0104	0.0166	0.00000519	14.2	0.0000187	0.000223	0.000169	0.000804
2033 Feb	46.1	0.0373	0.00833	0.00104	9.57	0.029	3.46	0.00104	0.00104	0.00000519	0.00741	0.00109	0.0104	0.0166	0.00000519	14.2	0.0000187	0.000223	0.000169	0.000804
2033 Mar	46.1	0.0373	0.00834	0.00104	9.58	0.029	3.46	0.00104	0.00104	0.00000519	0.00742	0.00109	0.0105	0.0166	0.00000519	14.3	0.0000187	0.000224	0.000169	0.000805
2033 Apr	46.3	0.0375	0.00838	0.00104	9.62	0.0291	3.47	0.00104	0.00104	0.00000522	0.00745	0.00109	0.0105	0.0167	0.00000522	14.3	0.0000188	0.000224	0.00017	0.000808
2033 May	50.5	0.0406	0.00971	0.00105	10.7	0.0285	3.83	0.00105	0.00105	0.00000523	0.00743	0.00117	0.0104	0.019	0.00000523	16.1	0.0000191	0.000246	0.000214	0.000853
2033 Jun	53.3	0.0411	0.0111	0.000987	11.5	0.0253	4.06	0.000987	0.000987	0.00000493	0.00697	0.0012	0.00957	0.0212	0.00000493	17.7	0.0000188	0.000263	0.000264	0.000858
2033 Jul	53.9	0.0408	0.0112	0.00101	11.6	0.0259	4.1	0.00101	0.00101	0.00000506	0.00712	0.00121	0.00979	0.0213	0.00000506	17.8	0.0000192	0.000266	0.000264	0.000872
2033 Aug	55.7	0.0421	0.0115	0.00105	12	0.0272	4.25	0.00105	0.00105	0.00000526	0.00737	0.00126	0.0102	0.0221	0.00000526	18.4	0.0000197	0.000274	0.000272	0.000906
2033 Sep	54.9	0.0446	0.0111	0.00104	11.9	0.0279	4.24	0.00104	0.00104	0.0000052	0.00733	0.00124	0.0102	0.0216	0.0000052	18.1	0.0000191	0.000268	0.000262	0.0009
2033 Oct	52.3	0.0508	0.00994	0.000993	11.6	0.0288	4.18	0.000993	0.000993	0.00000497	0.00717	0.00118	0.00995	0.0202	0.00000497	17.1	0.0000179	0.000249	0.000236	0.000874
2033 Nov	52.2	0.052	0.00984	0.000993	11.6	0.0291	4.19	0.000993	0.000993	0.00000496	0.00719	0.00117	0.00997	0.0201	0.00000496	17.1	0.0000178	0.000248	0.000233	0.000876
2033 Dec	52.2	0.0521	0.00984	0.000993	11.6	0.0291	4.2	0.000993	0.000993	0.00000496	0.0072	0.00117	0.00998	0.0201	0.00000496	17.1	0.0000178	0.000248	0.000234	0.000877
2034 Jan	52.2	0.0521	0.00984	0.000993	11.6	0.0291	4.2	0.000993	0.000993	0.00000496	0.0072	0.00117	0.00998	0.0201	0.00000496	17.1	0.0000178	0.000248	0.000234	0.000877
2034 Feb	52.2	0.0521	0.00984	0.000993	11.6	0.0291	4.2	0.000993	0.000993	0.00000496	0.0072	0.00117	0.00998	0.0201	0.00000496	17.1	0.0000178	0.000248	0.000234	0.000877
2034 Mar	52.3	0.0521	0.00984	0.000993	11.6	0.0291	4.2	0.000993	0.000993	0.00000497	0.0072	0.00117	0.00998	0.0201	0.00000497	17.1	0.0000178	0.000248	0.000234	0.000877
2034 Apr	52.4	0.0523	0.00988	0.000997	11.7	0.0292	4.21	0.000997	0.000997	0.00000498	0.00722	0.00118	0.01	0.0202	0.00000498	17.2	0.0000179	0.000249	0.000234	0.00088
2034 May	54.2	0.0534	0.0104	0.00101	12.1	0.0293	4.35	0.00101	0.00101	0.00000505	0.0073	0.00121	0.0101	0.0211	0.00000505	17.8	0.0000182	0.000258	0.000249	0.000902
2034 Jun	57.8	0.0526	0.0119	0.000989	13	0.0268	4.6	0.000989	0.000989	0.00000495	0.00708	0.00127	0.00965	0.0234	0.00000495	19.6	0.0000186	0.00028	0.0003	0.000924
2034 Jul	56.8	0.0502	0.0117	0.000997	12.7	0.0272	4.5	0.000997	0.000997	0.00000499	0.00707	0.00126	0.00967	0.0229	0.00000499	19.1	0.0000184	0.000274	0.000289	0.000918
2034 Aug	59.4	0.0524	0.0122	0.00105	13.3	0.0287	4.72	0.00105	0.00105	0.00000523	0.0074	0.00132	0.0102	0.024	0.00000523	20	0.0000192	0.000286	0.000301	0.000963
2034 Sep	58.4	0.055	0.0117	0.00104	13.1	0.0294	4.69	0.00104	0.00104	0.00000518	0.00738	0.0013	0.0102	0.0233	0.00000518	19.6	0.0000187	0.000279	0.000289	0.000955
2034 Oct	55.9	0.0588	0.0107	0.001	12.7	0.03	4.59	0.001	0.001	0.000005	0.00727	0.00124	0.01	0.0221	0.000005	18.6	0.0000178	0.000263	0.000265	0.000929
2034 Nov	56	0.0593	0.0106	0.001	12.7	0.0302	4.61	0.001	0.001	0.00000501	0.00729	0.00124	0.01	0.0221	0.00000501	18.7	0.0000178	0.000263	0.000265	0.000931
2034 Dec	56	0.0593	0.0107	0.001	12.7	0.0302	4.61	0.001	0.001	0.00000501	0.00729	0.00124	0.01	0.0221	0.00000501	18.7	0.0000178	0.000263	0.000265	0.000932
2035 Jan	56	0.0593	0.0107	0.001	12.7	0.0302	4.61	0.001	0.001	0.00000501	0.00729	0.00124	0.01	0.0221	0.00000501	18.7	0.0000178	0.000263	0.000265	0.000932
2035 Feb	56	0.0593	0.0107	0.001	12.7	0.0302	4.61	0.001	0.001	0.00000501	0.00729	0.00124	0.01	0.0221	0.00000501	18.7	0.0000178	0.000263	0.000265	0.000932
2035 Mar	56	0.0593	0.0107	0.001	12.7	0.0302	4.61	0.001	0.001	0.00000501	0.00729	0.00124	0.01	0.0221	0.00000501	18.7	0.0000178	0.000263	0.000265	0.000932
2035 Apr	56.2	0.0595	0.0107	0.00101	12.8	0.0303	4.62	0.00101	0.00101	0.00000503	0.00732	0.00125	0.0101	0.0221	0.00000503	18.7	0.0000179	0.000264	0.000265	0.000935
2035 May	57.3	0.0605	0.0109	0.00102	13	0.0306	4.71	0.00102	0.00102	0.00000511	0.00742	0.00127	0.0102	0.0226	0.00000511	19.1	0.0000182	0.000269	0.000272	0.000951
2035 Jun	54.6	0.0507	0.011	0.000976	12.1	0.0267	4.33	0.000976	0.000976	0.00000488	0.00706	0.00121	0.0096	0.0217	0.00000488	18.2	0.0000185	0.000265	0.00027	0.000885
2035 Jul	53.8	0.048	0.0108	0.000989	11.8	0.0266	4.2	0.000989	0.000989	0.00000495	0.00716	0.0012	0.00973	0.0211	0.00000495	17.8	0.0000189	0.000262	0.000259	0.000875
2035 Aug	54.8	0.049	0.0109	0.00102	12.1	0.0278	4.3	0.00102	0.00102	0.00000508	0.00729	0.00122	0.0101	0.0215	0.00000508	18.1	0.0000189	0.000266	0.000261	0.000896
2035 Sep	52.7	0.0518	0.0101	0.000986	11.8	0.0287	4.22	0.000986	0.000986	0.00000493	0.00712	0.00118	0.00999	0.0204	0.00000493	17.3	0.0000177	0.000252	0.00024	0.000873
2035 Oct	52	0.0551	0.0096	0.000974	11.7	0.0294	4.23	0.000974	0.000974	0.00000487	0.00712	0.00116	0.00997	0.0199	0.00000487	17	0.0000173	0.000246	0.00023	0.000869
2035 Nov	51.2	0.0565	0.00931	0.000962	11.6	0.0296	4.21	0.000962	0.000962	0.00000481	0.00707	0.00114	0.0099	0.0196	0.00000481	16.8	0.000017	0.000241	0.000223	0.000862
2035 Dec	51.2	0.0565	0.00931	0.000962	11.6	0.0296	4.21	0.000962	0.000962	0.00000481	0.00708	0.00114	0.0099	0.0196	0.00000481	16.8	0.000017	0.000241	0.000223	0.000862
2036 Jan	51.2	0.0565	0.00931	0.000962	11.6	0.0296	4.21	0.000962	0.000962	0.00000481	0.00708	0.00114	0.0099	0.0196	0.00000481	16.8	0.000017	0.000241	0.000223	0.000862
2036 Feb	51.2	0.0565	0.00931	0.000962	11.6	0.0296	4.21	0.000962	0.000962	0.00000481	0.00708	0.00114	0.0099	0.0196	0.00000481	16.8	0.000017	0.000241	0.000223	0.000862
2036 Mar	51.2	0.0565	0.00931	0.000962	11.6	0.0296	4.21	0.000962	0.000962	0.00000481	0.00708	0.00114	0.0099	0.0196	0.00000481	16.8	0.000017	0.000241	0.000223	0.000862
2036 Apr	51.5	0.0568	0.00936	0.000966	11.6	0.0297	4.23	0.000966	0.000966	0.00000483	0.0071	0.00115	0.00994	0.0197	0.00000483	16.8	0.000017	0.000242	0.000224	0.000866
2036 May	52.4	0.0577	0.00955	0.000981	11.9	0.0302	4.31	0.000981	0.000981	0.00000491	0.00721	0.00117	0.0101	0.0201	0.00000491	17.2	0.0000173	0.000246	0.000229	0.000881
2036 Jun	49.8	0.0493	0.00932	0.000964	10.9	0.0276	3.94	0.000964	0.000964	0.00000482	0.00708	0.00111	0.00981	0.0189	0.00000482	16.1	0.0000179	0.00024	0.000216	0.000829
2036 Jul	48.5	0.0452	0.00908	0.000974	10.5	0.0274	3.77	0.000974	0.000974	0.00000487	0.00711	0.0011	0.00985	0.0182	0.00000487	15.5	0.0000181	0.000235	0.000205	0.000815
2036 Aug	50.3	0.0468	0.0094	0.00101	10.9	0.0287	3.92	0.00101	0.00101	0.00000507	0.00737	0.00114	0.0102	0.0189	0.00000507	16.1	0.0000187	0.000243	0.000212	0.000848
2036 Sep	50.4	0.0481	0.0093	0.00102	10.9	0.0292	3.95	0.00102	0.00102	0.00000508	0.00739	0.00114	0.0103	0.0189	0.00000508	16.1	0.0000185	0.000242	0.000209	0.000851
2036 Oct	49.7	0.0509	0.00895	0.001	10.9	0.0297	3.96	0.001	0.001	0.00000501	0.00735	0.00113	0.0103	0.0185	0.00000501	15.9	0.000018	0.000237	0.000202	0.000847
2036 Nov	49.6	0.0515	0.00886	0.000998	10.9	0.0298	3.96	0.000998	0.000998	0.00000499	0.00734	0.00112	0.0103	0.0184	0.00000499	15.8	0.0000179	0.000235	0.0002	0.000846
2036 Dec	49.5	0.0517	0.00883	0.000996	10.9	0.0298	3.96	0.000996	0.000996	0.00000498	0.00733	0.00112	0.0102	0.0184	0.00000498	15.8	0.0000179	0.000235	0.0002	0.000846
2037 Jan	49.5	0.0517	0.00883	0.000997	10.9	0.0298	3.96	0.000997	0.000997	0.00000498	0.00733	0.00112	0.0102	0.0184	0.00000498	15.8	0.0000179	0.000235	0.0002	0.000846
2037 Feb	49.5	0.0517	0.00883	0.000997	10.9	0.0298	3.96	0.000997	0.000997	0.00000498	0.00733	0.00112	0.0102	0.0184	0.00000498	15.8	0.0000179	0.000235	0.0002	0.000846
2037 Mar	49.6	0.0518	0.00884	0.000997	10.9	0.0299	3.97	0.000997	0.000997	0.00000499	0.00734	0.00112	0.0103	0.0184	0.00000499	15.8	0.0000179	0.000235	0.0002	0.000846
2037 Apr	49.7	0.0519	0.00886	0.001	10.9	0.0299	3.98	0.001	0.001	0.000005	0.00735	0.00112	0.0103	0.0185	0.000005	15.9	0.0000179	0.000235	0.0002	0.000848
2037 May	53.5	0.0536	0.0105	0.00101	11.9	0.0291	4.3	0.001	0.001	0.00000501	0.00731	0.00119	0.0102	0.0206	0.00000501	17.5	0.0000183	0.000256	0.000242	0.000887
2037 Jun	64	0.0583	0.0462	0.00143	15.9	0.0274	6.52	0.000951	0.000951	0.00000476	0.00692	0.00124	0.0121	0.0224	0.00000482	19	0.0000185	0.00031	0.000283	0.00089

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	69.1	0.0618	0.0625	0.00168	17.6	0.0289	7.59	0.000979	0.000979	0.00000491	0.00713	0.00128	0.0137	0.0228	0.000005	19.4	0.0000193	0.000334	0.000286	0.000914
2037 Aug	73.6	0.0655	0.0743	0.00187	19.1	0.0305	8.46	0.00101	0.00101	0.00000506	0.00735	0.00132	0.0149	0.0235	0.00000518	20.1	0.0000198	0.000355	0.000293	0.000944
2037 Sep	77.9	0.0699	0.0879	0.00208	20.7	0.0319	9.42	0.00103	0.00103	0.00000514	0.00749	0.00135	0.0163	0.0239	0.00000528	20.5	0.0000202	0.000375	0.000296	0.000963
2037 Oct	83.8	0.0776	0.114	0.00243	23.2	0.0335	11.1	0.00101	0.00101	0.00000507	0.00749	0.00135	0.0184	0.0236	0.00000526	20.5	0.0000202	0.000402	0.000287	0.000962
2037 Nov	85.9	0.0799	0.122	0.00254	24.1	0.0341	11.7	0.00101	0.00101	0.00000507	0.00752	0.00136	0.0191	0.0236	0.00000528	20.6	0.0000203	0.000412	0.000287	0.000965
2037 Dec	86.2	0.0802	0.123	0.00256	24.2	0.0341	11.8	0.00101	0.00101	0.00000507	0.00752	0.00136	0.0192	0.0236	0.00000528	20.6	0.0000203	0.000414	0.000287	0.000966
2038 Jan	86.3	0.0802	0.124	0.00256	24.2	0.0341	11.8	0.00101	0.00101	0.00000507	0.00752	0.00136	0.0193	0.0236	0.00000528	20.6	0.0000203	0.000414	0.000287	0.000966
2038 Feb	86.4	0.0803	0.124	0.00256	24.2	0.0342	11.8	0.00101	0.00101	0.00000507	0.00752	0.00136	0.0193	0.0236	0.00000528	20.6	0.0000203	0.000415	0.000287	0.000966
2038 Mar	86.4	0.0803	0.124	0.00257	24.3	0.0342	11.8	0.00101	0.00101	0.00000507	0.00752	0.00136	0.0193	0.0236	0.00000528	20.6	0.0000203	0.000415	0.000287	0.000966
2038 Apr	86.6	0.0805	0.124	0.00257	24.3	0.0342	11.8	0.00101	0.00101	0.00000508	0.00754	0.00136	0.0194	0.0237	0.00000529	20.6	0.0000204	0.000416	0.000288	0.000968
2038 May	92.3	0.0847	0.141	0.00279	26.3	0.0349	13	0.00102	0.00102	0.00000512	0.0076	0.00141	0.0207	0.0246	0.00000536	21.5	0.0000208	0.000444	0.000304	0.000991
2038 Jun	110	0.0951	0.202	0.00358	32.7	0.0349	17.1	0.000971	0.000971	0.0000049	0.0073	0.00147	0.0251	0.0265	0.00000525	23.2	0.0000216	0.000533	0.000343	0.001
2038 Jul	114	0.0984	0.21	0.00373	34	0.0365	17.8	0.00102	0.00102	0.00000514	0.00767	0.00153	0.0263	0.0275	0.00000552	24.1	0.0000227	0.000556	0.000354	0.00105
2038 Aug	119	0.102	0.219	0.0039	35.5	0.0384	18.6	0.00106	0.00106	0.00000536	0.00796	0.00159	0.0275	0.0284	0.00000575	25	0.0000233	0.000578	0.000364	0.00109
2038 Sep	119	0.105	0.223	0.00395	35.8	0.0392	18.9	0.00106	0.00106	0.00000535	0.00797	0.00159	0.028	0.0281	0.00000575	24.8	0.0000232	0.00058	0.000357	0.00108
2038 Oct	119	0.107	0.227	0.004	36	0.0399	19.2	0.00105	0.00105	0.00000529	0.00796	0.00157	0.0284	0.0276	0.0000057	24.5	0.0000229	0.00058	0.000346	0.00108
2038 Nov	120	0.108	0.229	0.00403	36.3	0.0401	19.4	0.00105	0.00105	0.0000053	0.00797	0.00157	0.0286	0.0276	0.00000571	24.5	0.0000229	0.000583	0.000346	0.00108
2038 Dec	120	0.108	0.23	0.00404	36.3	0.0401	19.4	0.00105	0.00105	0.0000053	0.00798	0.00157	0.0287	0.0276	0.00000571	24.5	0.0000229	0.000584	0.000346	0.00108
2039 Jan	120	0.108	0.23	0.00404	36.4	0.0401	19.4	0.00105	0.00105	0.0000053	0.00798	0.00157	0.0287	0.0276	0.00000571	24.5	0.0000229	0.000585	0.000346	0.00108
2039 Feb	120	0.108	0.23	0.00404	36.4	0.0401	19.4	0.00105	0.00105	0.0000053	0.00798	0.00157	0.0287	0.0276	0.00000571	24.5	0.0000229	0.000585	0.000346	0.00108
2039 Mar	120	0.108	0.23	0.00405	36.4	0.0402	19.5	0.00105	0.00105	0.0000053	0.00798	0.00157	0.0288	0.0276	0.00000572	24.6	0.0000229	0.000585	0.000346	0.00108
2039 Apr	121	0.108	0.231	0.00406	36.5	0.0402	19.5	0.00105	0.00105	0.00000531	0.008	0.00158	0.0288	0.0277	0.00000573	24.6	0.000023	0.000587	0.000347	0.00108
2039 May	122	0.11	0.233	0.0041	36.9	0.0407	19.7	0.00106	0.00106	0.00000537	0.00809	0.0016	0.0292	0.028	0.00000579	24.9	0.0000233	0.000593	0.000351	0.00109
2039 Jun	131	0.108	0.291	0.00485	40.3	0.041	24.3	0.000995	0.000995	0.00000504	0.0078	0.00149	0.0355	0.0244	0.00000562	22.5	0.0000242	0.000662	0.000293	0.000983
2039 Jul	125	0.0986	0.285	0.00475	38.4	0.04	24	0.000953	0.000953	0.00000483	0.0074	0.00139	0.0353	0.0218	0.00000542	20.3	0.000023	0.000638	0.000253	0.000912
2039 Aug	127	0.0985	0.293	0.00487	39.1	0.042	24.8	0.000965	0.000965	0.00000489	0.00733	0.00142	0.0364	0.0217	0.0000055	20.3	0.0000224	0.000647	0.000246	0.000927
2039 Sep	128	0.101	0.297	0.00494	39.7	0.043	25.3	0.000979	0.000979	0.00000496	0.00745	0.00143	0.037	0.022	0.00000559	20.6	0.0000226	0.000656	0.000247	0.000942
2039 Oct	128	0.102	0.295	0.00491	39.5	0.0432	25.2	0.000975	0.000975	0.00000494	0.00746	0.00143	0.0369	0.0218	0.00000556	20.5	0.0000225	0.000654	0.000244	0.000942
2039 Nov	128	0.103	0.297	0.00494	39.8	0.0434	25.4	0.000976	0.000976	0.00000495	0.00748	0.00143	0.0372	0.0219	0.00000558	20.5	0.0000225	0.000657	0.000245	0.000944
2039 Dec	129	0.103	0.298	0.00495	39.8	0.0434	25.4	0.000977	0.000977	0.00000495	0.00748	0.00143	0.0372	0.0219	0.00000558	20.6	0.0000225	0.000658	0.000245	0.000945
2040 Jan	129	0.103	0.298	0.00495	39.8	0.0435	25.5	0.000976	0.000976	0.00000495	0.00748	0.00143	0.0372	0.0219	0.00000558	20.6	0.0000225	0.000658	0.000245	0.000945
2040 Feb	129	0.103	0.298	0.00495	39.8	0.0435	25.5	0.000976	0.000976	0.00000495	0.00748	0.00143	0.0372	0.0219	0.00000558	20.6	0.0000225	0.000658	0.000245	0.000945
2040 Mar	129	0.103	0.298	0.00496	39.9	0.0435	25.5	0.000977	0.000977	0.00000495	0.00749	0.00143	0.0373	0.0219	0.00000558	20.6	0.0000226	0.000659	0.000245	0.000946
2040 Apr	129	0.103	0.299	0.00497	40	0.0436	25.5	0.000979	0.000979	0.00000497	0.0075	0.00144	0.0374	0.022	0.0000056	20.6	0.0000226	0.00066	0.000245	0.000948
2040 May	131	0.104	0.3	0.00499	40.4	0.0438	25.8	0.000989	0.000989	0.00000502	0.00757	0.00146	0.0376	0.0226	0.00000565	21.2	0.0000229	0.000669	0.000256	0.000965
2040 Jun	124	0.0959	0.264	0.00442	37.2	0.0389	23.6	0.000944	0.000944	0.00000478	0.00717	0.00146	0.034	0.0242	0.00000535	22.1	0.0000225	0.000642	0.000299	0.000955
2040 Jul	124	0.0954	0.263	0.00444	37.2	0.0394	23.7	0.000968	0.000968	0.0000049	0.00733	0.00147	0.0342	0.0243	0.00000547	22.1	0.000023	0.000645	0.000298	0.000965
2040 Aug	126	0.097	0.268	0.00453	37.9	0.0407	24.2	0.000992	0.000992	0.00000502	0.00747	0.00151	0.035	0.0247	0.0000056	22.5	0.0000232	0.000657	0.000301	0.000988
2040 Sep	127	0.0984	0.27	0.00456	38.2	0.0416	24.5	0.000995	0.000995	0.00000504	0.00749	0.00151	0.0356	0.0246	0.00000563	22.5	0.000023	0.000662	0.000297	0.000991
2040 Oct	127	0.0997	0.27	0.00457	38.2	0.0421	24.6	0.000999	0.000999	0.00000506	0.00754	0.00151	0.0357	0.0246	0.00000565	22.6	0.000023	0.000663	0.000296	0.000996
2040 Nov	128	0.1	0.272	0.00459	38.4	0.0422	24.8	0.001	0.001	0.00000507	0.00756	0.00152	0.036	0.0247	0.00000567	22.6	0.0000231	0.000667	0.000296	0.000999
2040 Dec	128	0.1	0.272	0.0046	38.5	0.0423	24.8	0.001	0.001	0.00000507	0.00757	0.00152	0.036	0.0247	0.00000567	22.7	0.0000231	0.000668	0.000296	0.000999
2041 Jan	128	0.1	0.273	0.0046	38.5	0.0423	24.8	0.001	0.001	0.00000507	0.00757	0.00152	0.036	0.0247	0.00000567	22.7	0.0000231	0.000668	0.000297	0.000999
2041 Feb	128	0.1	0.273	0.0046	38.5	0.0423	24.8	0.001	0.001	0.00000507	0.00757	0.00152	0.036	0.0247	0.00000567	22.7	0.0000231	0.000668	0.000297	0.000999
2041 Mar	128	0.1	0.273	0.00461	38.5	0.0423	24.9	0.001	0.001	0.00000507	0.00757	0.00152	0.0361	0.0247	0.00000567	22.7	0.0000231	0.000669	0.000297	0.001
2041 Apr	129	0.101	0.273	0.00461	38.6	0.0424	24.9	0.001	0.001	0.00000508	0.00758	0.00152	0.0361	0.0248	0.00000568	22.7	0.0000232	0.00067	0.000297	0.001
2041 May	131	0.102	0.28	0.00471	39.4	0.043	25.6	0.00101	0.00101	0.00000512	0.00765	0.00154	0.037	0.0251	0.00000574	23	0.0000234	0.000685	0.000301	0.00101
2041 Jun	124	0.0916	0.267	0.00451	36.5	0.0406	25.2	0.000969	0.000969	0.00000491	0.00746	0.00143	0.0369	0.0222	0.00000553	20.7	0.0000236	0.000666	0.000259	0.000922
2041 Jul	111	0.0791	0.237	0.00407	32.3	0.0377	22.7	0.000931	0.000931	0.00000472	0.00715	0.00131	0.034	0.0198	0.00000528	18.5	0.0000227	0.000606	0.000224	0.000846
2041 Aug	115	0.0815	0.243	0.00419	33.3	0.0394	23.5	0.000967	0.000967	0.0000049	0.00738	0.00136	0.0351	0.0204	0.00000548	19.1	0.0000232	0.000624	0.000229	0.000877
2041 Sep	116	0.0832	0.245	0.00423	33.7	0.0403	23.8	0.000975	0.000975	0.00000494	0.00744	0.00137	0.0357	0.0205	0.00000553	19.3	0.0000231	0.000632	0.000229	0.000887
2041 Oct	116	0.0852	0.244	0.00421	33.6	0.0408	23.9	0.000972	0.000972	0.00000492	0.00746	0.00137	0.0358	0.0205	0.00000552	19.3	0.000023	0.000631	0.000226	0.00089
2041 Nov	116	0.0859	0.246	0.00424	33.8	0.041	24.1	0.000974	0.000974	0.00000494	0.00749	0.00137	0.036	0.0205	0.00000554	19.4	0.0000231	0.000635	0.000227	0.000893
2041 Dec	117	0.086	0.247	0.00425	33.9	0.0411	24.2	0.000974	0.000974	0.00000494	0.00749	0.00137	0.0361	0.0206	0.00000554	19.4	0.0000231	0.000637	0.000227	0.000894
2042 Jan	117	0.086	0.247	0.00425	33.9	0.0411	24.2	0.000974	0.000974	0.00000494	0.00749	0.00137	0.0361	0.0206	0.00000554	19.4	0.0000231	0.000637	0.000227	0.000894
2042 Feb	117	0.0861	0.247	0.00425	33.9	0.0411	24.2	0.000974	0.000974	0.00000494	0.00749	0.00137	0.0362	0.0206	0.00000554	19.4	0.0000231	0.000637	0.000227	0.000894
2042 Mar	117	0.0861	0.247	0.00425	33.9	0.0411	24.2	0.000975	0.000975	0.00000494	0.00749	0.00137	0.0362	0.0206	0.00000554	19.4	0.0000231	0.000638	0.000227	0.000894
2042 Apr	117	0.0865	0.248	0.00427	34.1	0.0413	24.4	0.000979	0.000979	0.00000496	0.00753	0.00138	0.0364	0.0207	0.00000557	19.5	0.0000232	0.000641	0.000228	0.000898
2042 May	119	0.0879	0.251	0.00432	34.6	0.0418	24.7	0.000994	0.000994	0.00000504	0.00764	0.00141	0.0368	0.0212	0.00000565	19.9	0.0000236	0.000651	0.000235	0.000915
2042 Jun	113	0.0799	0.235	0.00408	32.2	0.0395	23.7	0.000966	0.000966	0.00000489	0.00747	0.00133	0.0356	0.0197	0.00000548	18.7	0.0000235	0.000627	0.000217	0.000862
2042 Jul	106	0.0729	0.219	0.00385	30	0.0384	22.5	0.000952	0.000952	0.00000482	0.0073	0.00128	0.0342	0.0186	0.00000539	17.6	0.0000229	0.000596	0.000199	0.000831
2042 Aug	106	0.0726	0.216	0.0038	29.7	0.0398	22.8	0.00094	0.00094	0.00000476	0.00708	0.00128	0.0346	0.0183	0.00000534	17.4	0.0000215	0.000594	0.00019	0.000826
2042 Sep	105	0.0743	0.214	0.00377	29.7	0.0409	23	0.000935	0.000935	0.00000474	0.00702	0.00128	0.035	0.0181	0.00000532	17.5	0.0000208	0.000596	0.000185	0.000827
2042 Oct	105	0.0767	0.213	0.00375	29.6	0.0414	23.2	0.000928	0.000928	0.0000047	0.00703	0.00127	0.0351	0.0181	0.00000528	17.5	0.0000206	0.000596	0.000183	0.00083
2042 Nov	106	0.0775	0.215	0.00379	29.9	0.0417	23.5	0.00093	0.00093	0.00000471	0.00706	0.00128	0.0356	0.0182	0.00000531	17.6	0.0000207	0.000603	0.000184	0.000833
2042 Dec	107	0.0776	0.216	0.0038	30	0.0418	23.6	0.00093	0.00093	0.00000472	0.00706	0.00128	0.0356	0.0182	0.00000531	17.6	0.0000208	0.000604	0.000184	0.000834
2043 Jan	107	0.0776	0.216	0.0038	30	0.0418	23.6	0.00093	0.00093	0.00000472	0.00706	0.00128	0.0357	0.0182	0.00000531	17.6	0.0000208	0.000604	0.000184	0.000834
2043 Feb	107	0.0776	0.216	0.0038	30	0.0418	23.6	0.00093	0.00093	0.00000472	0.00706	0.00128	0.0357	0.0182	0.00000531	17.6	0.0000208	0.000605	0.000184	0.000834
2043 Mar	107	0.0776	0.216	0.0038	30	0.0418	23.6	0.00093	0.00093	0.00000472	0.00706	0.00128	0.0357	0.0182	0.00000531	17.6	0.0000208	0.000605	0.000184	0.000834
2043 Apr	107	0.078	0.217	0.00382	30.1	0.042	23.7	0.000934	0.000934	0.00000473	0.00709	0.00128	0.0358	0.0182	0.00000533	17.7	0.0000209	0.000607	0.000184	0.000837
2043 May	109	0.0795	0.22	0.00387	30.7	0.0425	24.1	0.000949	0.000949	0.00000481	0.0072	0.00132	0.0363	0.0189	0.00000542	18.2	0.0000212	0.00062	0.000194	0.000858
2043 Jun	109	0.0774	0.203	0.00359	29.9	0.0393	23.6	0.000924	0.000924	0.00000469	0.00701	0.00137	0.0346	0.0215	0.00000526	20	0.0000216	0.000627	0.00025	0.000885
2043 Jul	111	0.078	0.206	0.00366	30.4	0.0405	24	0.000961	0.000961	0.00000487	0.00725	0.0014	0.0355	0.0219	0.00000546	20.4	0.0000223	0.000639	0.000253	0.00091
2043 Aug	115	0.0807	0.212	0.00378	31.4	0.0424	24.9	0.000995	0.000995	0.00000504	0.00747	0.00145	0.0369	0.0226	0.00000565	21.1	0.0000228	0.000662	0.000259	0.000942
2043 Sep	116	0.0821	0.214	0.00382	31.7	0.0433	25.4	0.000998	0.000998	0.00000506	0.0075	0.00146	0.0376	0.0226	0.00000568	21.2	0.0000227	0.000671	0.000256	0.000947
2043 Oct	117	0.0857	0.217	0.00385	32	0.0444	26.2	0.00099	0.00099	0.00000502	0.00754	0.00146	0.0385	0.0224	0.00000567	21.2	0.0000226	0.000681	0.000251	0.000951
2043 Nov	118	0.0881	0.218	0.00386	32.1	0.0452	26.7	0.000984	0.000984	0.00000499	0.00756	0.00146	0.0391	0.0223	0.00000565	21.2	0.0000226	0.000687	0.000248	0.000954

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	118	0.0883	0.219	0.00387	32.2	0.0452	26.8	0.000984	0.000984	0.00000499	0.00756	0.00146	0.0392	0.0223	0.00000566	21.2	0.0000226	0.000689	0.000248	0.000954
2044 Jan	118	0.0883	0.219	0.00387	32.2	0.0452	26.8	0.000984	0.000984	0.00000499	0.00756	0.00146	0.0392	0.0223	0.00000566	21.2	0.0000226	0.000689	0.000248	0.000954
2044 Feb	118	0.0884	0.219	0.00387	32.2	0.0453	26.8	0.000985	0.000985	0.000005	0.00757	0.00146	0.0393	0.0223	0.00000566	21.2	0.0000226	0.00069	0.000248	0.000955
2044 Mar	118	0.0884	0.219	0.00388	32.2	0.0453	26.8	0.000985	0.000985	0.000005	0.00757	0.00146	0.0393	0.0223	0.00000566	21.2	0.0000226	0.00069	0.000248	0.000955
2044 Apr	119	0.0886	0.22	0.00388	32.3	0.0454	26.9	0.000987	0.000987	0.00000501	0.00758	0.00146	0.0394	0.0224	0.00000567	21.3	0.0000227	0.000692	0.000248	0.000957
2044 May	120	0.0897	0.222	0.00393	32.7	0.0459	27.2	0.001	0.001	0.00000507	0.00768	0.00148	0.0399	0.0227	0.00000575	21.6	0.0000229	0.0007	0.000252	0.00097
2044 Jun	107	0.0744	0.19	0.00346	28.6	0.0405	24.2	0.000944	0.000944	0.00000478	0.00722	0.00134	0.0359	0.0203	0.00000539	19.2	0.0000223	0.000633	0.000226	0.000875
2044 Jul	106	0.0718	0.185	0.00343	28.2	0.0404	23.9	0.000965	0.000965	0.00000489	0.00735	0.00134	0.0357	0.02	0.00000549	18.9	0.0000227	0.000627	0.00022	0.000876
2044 Aug	111	0.0753	0.194	0.00359	29.5	0.0427	25	0.00101	0.00101	0.00000514	0.0077	0.00141	0.0374	0.021	0.00000576	19.9	0.0000237	0.000656	0.00023	0.00092
2044 Sep	108	0.0755	0.186	0.00347	28.6	0.0429	24.4	0.000996	0.000996	0.00000505	0.00754	0.00138	0.0367	0.0204	0.00000565	19.5	0.0000226	0.000639	0.000219	0.000906
2044 Oct	107	0.0774	0.182	0.00341	28.3	0.0432	24.3	0.000988	0.000988	0.00000501	0.00754	0.00137	0.0364	0.0202	0.00000561	19.3	0.0000223	0.000632	0.000215	0.000906
2044 Nov	107	0.0781	0.182	0.00341	28.3	0.0435	24.4	0.000989	0.000989	0.00000501	0.00756	0.00137	0.0365	0.0203	0.00000561	19.4	0.0000223	0.000633	0.000215	0.000908
2044 Dec	107	0.0782	0.183	0.00342	28.4	0.0435	24.4	0.000989	0.000989	0.00000501	0.00756	0.00137	0.0366	0.0203	0.00000561	19.4	0.0000223	0.000634	0.000215	0.000909
2045 Jan	107	0.0782	0.183	0.00342	28.4	0.0435	24.4	0.000989	0.000989	0.00000501	0.00756	0.00137	0.0366	0.0203	0.00000561	19.4	0.0000223	0.000634	0.000215	0.000909
2045 Feb	107	0.0782	0.183	0.00342	28.4	0.0435	24.4	0.000989	0.000989	0.00000501	0.00756	0.00137	0.0366	0.0203	0.00000561	19.4	0.0000223	0.000635	0.000215	0.000909
2045 Mar	107	0.0782	0.183	0.00342	28.4	0.0435	24.5	0.000989	0.000989	0.00000501	0.00757	0.00137	0.0367	0.0203	0.00000562	19.4	0.0000224	0.000635	0.000215	0.000909
2045 Apr	107	0.0784	0.183	0.00343	28.4	0.0436	24.5	0.000991	0.000991	0.00000502	0.00758	0.00137	0.0367	0.0203	0.00000563	19.4	0.0000224	0.000636	0.000215	0.000911
2045 May	108	0.0793	0.186	0.00347	28.8	0.0441	24.8	0.001	0.001	0.00000508	0.00767	0.00139	0.0372	0.0206	0.00000569	19.6	0.0000227	0.000644	0.000218	0.000922
2045 Jun	111	0.0742	0.193	0.00355	28.6	0.044	27.7	0.000964	0.000964	0.0000049	0.00753	0.00135	0.0409	0.0192	0.00000561	18.8	0.0000235	0.000693	0.0002	0.000874
2045 Jul	110	0.0707	0.191	0.00353	28.1	0.044	28	0.000974	0.000974	0.00000495	0.0076	0.00135	0.0415	0.0188	0.00000567	18.5	0.0000241	0.000699	0.000192	0.000866
2045 Aug	113	0.0726	0.195	0.00362	28.8	0.0455	28.7	0.00101	0.00101	0.00000511	0.00781	0.00139	0.0426	0.0194	0.00000585	19.1	0.0000245	0.000716	0.000197	0.000893
2045 Sep	112	0.0734	0.191	0.00357	28.6	0.0459	28.4	0.00101	0.00101	0.00000511	0.0078	0.00139	0.0423	0.0193	0.00000584	19	0.0000242	0.00071	0.000195	0.000896
2045 Oct	113	0.0745	0.193	0.0036	28.8	0.0464	28.8	0.00101	0.00101	0.00000513	0.00785	0.0014	0.0428	0.0195	0.00000587	19.2	0.0000243	0.000718	0.000196	0.000903
2045 Nov	114	0.0748	0.194	0.00362	28.9	0.0466	29	0.00101	0.00101	0.00000514	0.00787	0.0014	0.043	0.0195	0.00000589	19.3	0.0000244	0.000721	0.000196	0.000905
2045 Dec	114	0.0749	0.194	0.00362	29	0.0467	29	0.00101	0.00101	0.00000514	0.00787	0.0014	0.0431	0.0195	0.00000589	19.3	0.0000244	0.000722	0.000197	0.000906
2046 Jan	114	0.0749	0.195	0.00362	29	0.0467	29	0.00101	0.00101	0.00000514	0.00787	0.0014	0.0431	0.0195	0.00000589	19.3	0.0000244	0.000723	0.000197	0.000906
2046 Feb	114	0.0749	0.195	0.00362	29	0.0467	29	0.00101	0.00101	0.00000514	0.00787	0.0014	0.0431	0.0195	0.00000589	19.3	0.0000244	0.000723	0.000197	0.000906
2046 Mar	114	0.075	0.195	0.00363	29	0.0467	29.1	0.00101	0.00101	0.00000515	0.00788	0.0014	0.0431	0.0196	0.0000059	19.3	0.0000244	0.000724	0.000197	0.000907
2046 Apr	115	0.0753	0.196	0.00364	29.1	0.0469	29.2	0.00102	0.00102	0.00000517	0.00791	0.00141	0.0433	0.0196	0.00000592	19.4	0.0000245	0.000726	0.000198	0.00091
2046 May	116	0.0763	0.198	0.00368	29.5	0.0475	29.6	0.00103	0.00103	0.00000523	0.00801	0.00143	0.0438	0.0199	0.00000599	19.7	0.0000248	0.000736	0.000201	0.000923
2046 Jun	106	0.0649	0.176	0.00334	26.4	0.0432	27.7	0.00097	0.00097	0.00000493	0.00757	0.00132	0.0413	0.018	0.00000565	17.9	0.0000242	0.000692	0.000181	0.000843
2046 Jul	95.1	0.0547	0.151	0.00298	23.3	0.0396	24.4	0.000941	0.000941	0.00000477	0.00722	0.00122	0.0369	0.0164	0.0000054	16.1	0.000023	0.000618	0.000162	0.000786
2046 Aug	97.2	0.056	0.153	0.00304	23.8	0.041	24.8	0.000971	0.000971	0.00000492	0.00741	0.00125	0.0377	0.0169	0.00000556	16.6	0.0000233	0.00063	0.000165	0.000812
2046 Sep	95	0.0574	0.147	0.00294	23.2	0.0413	24.2	0.000957	0.000957	0.00000486	0.00729	0.00124	0.0369	0.0167	0.00000548	16.5	0.0000224	0.000614	0.000161	0.000808
2046 Oct	94.7	0.0605	0.145	0.0029	23.1	0.0418	24.4	0.000946	0.000946	0.0000048	0.00729	0.00123	0.0369	0.0167	0.00000542	16.5	0.0000221	0.000613	0.000159	0.000812
2046 Nov	95.6	0.0614	0.146	0.00292	23.3	0.0422	24.8	0.000945	0.000945	0.00000479	0.0073	0.00124	0.0374	0.0168	0.00000543	16.6	0.0000221	0.00062	0.000159	0.000815
2046 Dec	95.8	0.0615	0.147	0.00292	23.3	0.0423	24.9	0.000945	0.000945	0.00000479	0.00731	0.00124	0.0376	0.0168	0.00000543	16.6	0.0000222	0.000622	0.00016	0.000816
2047 Jan	95.9	0.0616	0.147	0.00293	23.3	0.0423	24.9	0.000945	0.000945	0.00000479	0.00731	0.00124	0.0376	0.0168	0.00000543	16.6	0.0000222	0.000623	0.00016	0.000816
2047 Feb	95.9	0.0616	0.147	0.00293	23.3	0.0423	24.9	0.000945	0.000945	0.0000048	0.00731	0.00124	0.0376	0.0168	0.00000543	16.6	0.0000222	0.000623	0.00016	0.000816
2047 Mar	96.1	0.0617	0.147	0.00293	23.4	0.0424	25	0.000947	0.000947	0.0000048	0.00732	0.00124	0.0377	0.0168	0.00000544	16.7	0.0000222	0.000624	0.00016	0.000817
2047 Apr	96.2	0.0618	0.148	0.00294	23.4	0.0425	25	0.000948	0.000948	0.00000481	0.00733	0.00125	0.0378	0.0168	0.00000545	16.7	0.0000223	0.000626	0.00016	0.000819
2047 May	99	0.0633	0.15	0.00297	24	0.0429	25.8	0.000953	0.000953	0.00000484	0.00736	0.00128	0.0385	0.0178	0.0000055	17.5	0.0000226	0.000645	0.000176	0.00084
2047 Jun	104	0.0642	0.144	0.00285	24.9	0.0407	26.6	0.00092	0.00092	0.00000467	0.00704	0.00137	0.0383	0.021	0.00000534	19.9	0.0000226	0.000679	0.000243	0.000885
2047 Jul	106	0.0653	0.147	0.00292	25.4	0.042	27.1	0.000961	0.000961	0.00000488	0.00733	0.00141	0.0392	0.0216	0.00000556	20.5	0.0000235	0.000695	0.000249	0.000915
2047 Aug	110	0.0676	0.152	0.00302	26.2	0.0438	28.1	0.000999	0.000999	0.00000507	0.00759	0.00146	0.0407	0.0224	0.00000578	21.2	0.0000242	0.000719	0.000256	0.00095
2047 Sep	108	0.0686	0.148	0.00297	25.9	0.0442	27.8	0.000992	0.000992	0.00000504	0.00755	0.00145	0.0404	0.0221	0.00000573	21	0.0000236	0.00071	0.00025	0.000946
2047 Oct	108	0.0711	0.147	0.00293	25.7	0.0448	28.1	0.000977	0.000977	0.00000496	0.00752	0.00144	0.0407	0.0218	0.00000567	20.8	0.0000233	0.00071	0.000243	0.000942
2047 Nov	109	0.0722	0.149	0.00296	25.8	0.0453	28.6	0.000974	0.000974	0.00000495	0.00754	0.00144	0.0413	0.0218	0.00000567	20.9	0.0000233	0.000719	0.000243	0.000945
2047 Dec	109	0.0723	0.149	0.00296	25.9	0.0454	28.7	0.000974	0.000974	0.00000495	0.00754	0.00144	0.0415	0.0218	0.00000568	20.9	0.0000234	0.000722	0.000243	0.000946
2048 Jan	109	0.0723	0.15	0.00297	25.9	0.0455	28.8	0.000974	0.000974	0.00000495	0.00754	0.00144	0.0416	0.0218	0.00000568	21	0.0000234	0.000723	0.000243	0.000946
2048 Feb	109	0.0724	0.15	0.00297	25.9	0.0455	28.8	0.000975	0.000975	0.00000495	0.00754	0.00145	0.0416	0.0218	0.00000568	21	0.0000234	0.000723	0.000243	0.000946
2048 Mar	109	0.0724	0.15	0.00297	25.9	0.0455	28.8	0.000975	0.000975	0.00000495	0.00754	0.00145	0.0416	0.0218	0.00000568	21	0.0000234	0.000723	0.000243	0.000946
2048 Apr	110	0.0726	0.15	0.00298	26	0.0456	28.9	0.000978	0.000978	0.00000497	0.00757	0.00145	0.0417	0.0219	0.0000057	21	0.0000235	0.000726	0.000244	0.000949
2048 May	111	0.0736	0.152	0.00302	26.4	0.0463	29.3	0.000991	0.000991	0.00000503	0.00767	0.00147	0.0423	0.0222	0.00000577	21.3	0.0000238	0.000735	0.000247	0.000962
2048 Jun	99.5	0.061	0.133	0.00273	23.1	0.0417	26.3	0.000945	0.000945	0.0000048	0.0073	0.00133	0.0386	0.0195	0.00000547	18.8	0.0000231	0.000667	0.000211	0.000867
2048 Jul	90.1	0.0515	0.116	0.00249	20.7	0.0387	23.4	0.000932	0.000932	0.00000473	0.0071	0.00124	0.0351	0.0177	0.00000532	17	0.0000224	0.000603	0.000186	0.000812
2048 Aug	90.3	0.0519	0.115	0.00249	20.7	0.0399	23.5	0.000949	0.000949	0.00000481	0.00714	0.00126	0.0353	0.0179	0.0000054	17.2	0.0000221	0.000603	0.000186	0.000827
2048 Sep	90	0.0534	0.113	0.00246	20.6	0.0406	23.5	0.000946	0.000946	0.0000048	0.00712	0.00126	0.0353	0.0178	0.00000539	17.2	0.0000216	0.000601	0.000183	0.000829
2048 Oct	90.1	0.0557	0.112	0.00245	20.6	0.0411	23.7	0.000939	0.000939	0.00000476	0.00712	0.00126	0.0356	0.0178	0.00000536	17.2	0.0000215	0.000603	0.000181	0.000832
2048 Nov	90.5	0.0567	0.113	0.00245	20.7	0.0415	23.9	0.000939	0.000939	0.00000476	0.00715	0.00126	0.0359	0.0178	0.00000537	17.3	0.0000215	0.000607	0.000181	0.000836
2048 Dec	90.6	0.0568	0.113	0.00246	20.7	0.0415	24	0.000939	0.000939	0.00000476	0.00715	0.00126	0.0359	0.0178	0.00000537	17.3	0.0000215	0.000608	0.000181	0.000836
2049 Jan	90.6	0.0568	0.113	0.00246	20.7	0.0415	24	0.000939	0.000939	0.00000476	0.00715	0.00126	0.036	0.0178	0.00000537	17.3	0.0000215	0.000608	0.000181	0.000836
2049 Feb	90.7	0.0568	0.113	0.00246	20.7	0.0415	24	0.000939	0.000939	0.00000476	0.00715	0.00126	0.036	0.0178	0.00000537	17.3	0.0000215	0.000608	0.000181	0.000837
2049 Mar	90.7	0.0569	0.113	0.00246	20.7	0.0416	24	0.00094	0.00094	0.00000477	0.00716	0.00126	0.036	0.0179	0.00000537	17.3	0.0000215	0.000609	0.000181	0.000837
2049 Apr	91	0.057	0.113	0.00247	20.8	0.0417	24.1	0.000943	0.000943	0.00000478	0.00718	0.00127	0.0361	0.0179	0.00000539	17.4	0.0000216	0.000611	0.000181	0.00084
2049 May	92.3	0.0578	0.115	0.0025	21	0.0422	24.4	0.000955	0.000955	0.00000484	0.00728	0.00128	0.0366	0.0182	0.00000546	17.7	0.0000219	0.000619	0.000185	0.000852
2049 Jun	84.4	0.0479	0.101	0.00228	18.8	0.0382	22.4	0.000916	0.000916	0.00000464	0.00698	0.00119	0.034	0.0165	0.00000521	16	0.0000217	0.000576	0.000166	0.000781
2049 Jul	79.8	0.043	0.0928	0.00217	17.7	0.0366	20.9	0.000914	0.000914	0.00000463	0.00689	0.00115	0.0321	0.0157	0.00000516	15.2	0.0000214	0.000542	0.000156	0.000758
2049 Aug	83.4	0.045	0.0967	0.00227	18.4	0.0386	21.8	0.000958	0.000958	0.00000485	0.0072	0.0012	0.0336	0.0164	0.0000054	15.9	0.0000222	0.000567	0.000162	0.000795
2049 Sep	83.2	0.0474	0.0951	0.00224	18.4	0.0393	21.9	0.000953	0.000953	0.00000483	0.00719	0.0012	0.0336	0.0164	0.00000538	16	0.0000218	0.000565	0.00016	0.0008
2049 Oct	83.4	0.0505	0.0944	0.00222	18.3	0.04	22.2	0.000944	0.000944	0.00000478	0.00719	0.0012	0.0339	0.0165	0.00000534	16	0.0000215	0.000568	0.000159	0.000805
2049 Nov	84.8	0.0515	0.0966	0.00225	18.6	0.0406	22.9	0.000942	0.000942	0.00000478	0.00722	0.00121	0.0348	0.0166	0.00000535	16.2	0.0000217	0.000582	0.00016	0.00081
2049 Dec	85.1	0.0516	0.0971	0.00225	18.6	0.0407	23	0.000942	0.000942	0.00000478	0.00722	0.00121	0.035	0.0166	0.00000536	16.2	0.0000217	0.000584	0.00016	0.00081
2050 Jan	85.1	0.0516	0.0971	0.00226	18.6	0.0408	23	0.000942	0.000942	0.00000478	0.00722	0.00121	0.035	0.0166	0.00000536	16.2	0.0000217	0.000585	0.00016	0.000811
2050 Feb	85.1	0.0516	0.0972	0.00226	18.6	0.0408	23.1	0.000943	0.000943	0.00000478	0.00723	0.00121	0.035	0.0166	0.00000536	16.2	0.0000217	0.000585	0.00016	0.000811
2050 Mar	85.2	0.0516	0.0972	0.00226	18.6	0.0408	23.1	0.000943	0.000943	0.00000478	0.00723	0.00121	0.035	0.0166	0.00000536	16.2	0.0000217	0.000585	0.00016	0.000811
2050 Apr	85.4	0.0518	0.0975	0.00226	18.7	0.0409	23.1	0.000945	0.000945	0.00000479	0.00724	0.00122	0.0351	0.0166	0.00000537	16.3	0.0000218	0.000586	0.00016	0.000813

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	86.3	0.0524	0.0985	0.00229	18.9	0.0413	23.4	0.000955	0.000955	0.00000484	0.00732	0.00123	0.0355	0.0169	0.00000543	16.5	0.000022	0.000593	0.000163	0.000822
2050 Jun	82.2	0.0466	0.0893	0.00213	17.6	0.0382	21.9	0.000931	0.000931	0.00000471	0.00713	0.00119	0.0335	0.0166	0.00000527	16.1	0.000022	0.000569	0.000167	0.000791
2050 Jul	77.2	0.0413	0.0814	0.00201	16.4	0.0365	20.4	0.000917	0.000917	0.00000464	0.00692	0.00115	0.0314	0.0157	0.00000515	15.1	0.0000213	0.000532	0.000155	0.000761
2050 Aug	79	0.0421	0.083	0.00206	16.8	0.0379	20.9	0.000944	0.000944	0.00000478	0.00708	0.00118	0.0322	0.0161	0.0000053	15.5	0.0000216	0.000544	0.000159	0.000786
2050 Sep	79.4	0.0438	0.0826	0.00206	16.9	0.0386	21	0.000947	0.000947	0.00000479	0.00711	0.00119	0.0325	0.0162	0.00000532	15.7	0.0000214	0.000546	0.000158	0.000793
2050 Oct	80.4	0.0448	0.0837	0.00208	17	0.0392	21.4	0.000952	0.000952	0.00000482	0.00717	0.0012	0.033	0.0164	0.00000536	15.8	0.0000216	0.000555	0.00016	0.000801
2050 Nov	81	0.045	0.0846	0.00209	17.2	0.0394	21.7	0.000955	0.000955	0.00000483	0.00719	0.00121	0.0334	0.0165	0.00000538	15.9	0.0000217	0.000561	0.00016	0.000804
2050 Dec	81.1	0.0451	0.0848	0.00209	17.2	0.0394	21.8	0.000955	0.000955	0.00000483	0.00719	0.00121	0.0334	0.0165	0.00000538	15.9	0.0000217	0.000562	0.00016	0.000805
2051 Jan	81.2	0.0451	0.0848	0.00209	17.2	0.0395	21.8	0.000955	0.000955	0.00000483	0.00719	0.00121	0.0335	0.0165	0.00000538	16	0.0000217	0.000562	0.00016	0.000805
2051 Feb	81.2	0.0451	0.0849	0.00209	17.2	0.0395	21.8	0.000955	0.000955	0.00000483	0.0072	0.00121	0.0335	0.0165	0.00000538	16	0.0000217	0.000562	0.00016	0.000805
2051 Mar	81.2	0.0451	0.0849	0.0021	17.2	0.0395	21.8	0.000955	0.000955	0.00000484	0.0072	0.00121	0.0335	0.0165	0.00000539	16	0.0000217	0.000563	0.00016	0.000805
2051 Apr	81.5	0.0453	0.0852	0.0021	17.3	0.0396	21.9	0.000958	0.000958	0.00000485	0.00722	0.00121	0.0336	0.0166	0.0000054	16	0.0000218	0.000564	0.000161	0.000808
2051 May	84.3	0.0466	0.0881	0.00215	17.7	0.0405	22.9	0.000969	0.000969	0.00000491	0.00732	0.00124	0.0349	0.0171	0.00000549	16.6	0.0000223	0.000588	0.000169	0.000826
2051 Jun	88	0.044	0.0872	0.00207	17.8	0.0387	25.3	0.000903	0.000903	0.00000459	0.00691	0.00126	0.0371	0.0184	0.00000524	17.6	0.0000226	0.000642	0.000202	0.000814
2051 Jul	85.1	0.0413	0.0827	0.00202	17.3	0.0379	24.1	0.000914	0.000914	0.00000464	0.00694	0.00124	0.0357	0.0178	0.00000525	17	0.0000225	0.000616	0.000193	0.000803
2051 Aug	84.8	0.0417	0.0811	0.00201	17.2	0.039	23.9	0.000927	0.000927	0.0000047	0.00694	0.00125	0.0356	0.0179	0.00000531	17.2	0.0000219	0.000612	0.00019	0.000814
2051 Sep	84.3	0.0445	0.0794	0.00198	17.1	0.0398	23.9	0.00092	0.00092	0.00000466	0.00692	0.00125	0.0356	0.0178	0.00000527	17.1	0.0000214	0.000607	0.000186	0.000817
2051 Oct	82.6	0.0512	0.0757	0.00191	16.9	0.0407	23.6	0.000892	0.000892	0.00000452	0.00686	0.00122	0.035	0.0173	0.00000512	16.8	0.0000205	0.000591	0.000176	0.000817
2051 Nov	82.9	0.0522	0.0758	0.00191	17	0.041	23.8	0.000892	0.000892	0.00000453	0.00689	0.00122	0.0352	0.0174	0.00000513	16.9	0.0000205	0.000594	0.000175	0.00082
2051 Dec	83.1	0.0522	0.0761	0.00192	17	0.0411	23.9	0.000892	0.000892	0.00000453	0.00689	0.00122	0.0353	0.0174	0.00000513	16.9	0.0000205	0.000596	0.000176	0.000821
2052 Jan	83.1	0.0522	0.0761	0.00192	17	0.0411	23.9	0.000892	0.000892	0.00000453	0.00689	0.00122	0.0354	0.0174	0.00000513	16.9	0.0000205	0.000596	0.000176	0.000821
2052 Feb	83.1	0.0523	0.0761	0.00192	17	0.0411	23.9	0.000892	0.000892	0.00000453	0.00689	0.00122	0.0354	0.0174	0.00000513	16.9	0.0000205	0.000596	0.000176	0.000821
2052 Mar	83.2	0.0523	0.0762	0.00192	17	0.0411	23.9	0.000893	0.000893	0.00000453	0.0069	0.00122	0.0354	0.0174	0.00000514	16.9	0.0000205	0.000597	0.000176	0.000822
2052 Apr	83.4	0.0524	0.0764	0.00192	17	0.0412	24	0.000895	0.000895	0.00000454	0.00691	0.00123	0.0355	0.0174	0.00000515	17	0.0000206	0.000598	0.000176	0.000823
2052 May	84.6	0.0534	0.0759	0.00192	17.3	0.041	23.9	0.000904	0.000904	0.00000459	0.00696	0.00126	0.0352	0.0183	0.00000518	17.6	0.0000208	0.000602	0.000192	0.000843
2052 Jun	85.7	0.0531	0.0716	0.00184	17.7	0.0388	22.8	0.000908	0.000908	0.0000046	0.0069	0.00131	0.0333	0.0204	0.00000516	19.1	0.0000211	0.000598	0.000235	0.000874
2052 Jul	85.8	0.0515	0.0714	0.00186	17.6	0.0399	23.1	0.000927	0.000927	0.0000047	0.00694	0.00132	0.0338	0.0204	0.00000526	19	0.000021	0.000601	0.000231	0.000887
2052 Aug	87	0.0519	0.072	0.00188	17.8	0.0411	23.5	0.000946	0.000946	0.00000479	0.00702	0.00135	0.0344	0.0206	0.00000537	19.3	0.000021	0.000609	0.000231	0.000904
2052 Sep	86.9	0.0534	0.0714	0.00187	17.7	0.0418	23.6	0.000946	0.000946	0.00000479	0.00704	0.00135	0.0346	0.0205	0.00000537	19.3	0.0000207	0.000609	0.000228	0.000906
2052 Oct	87.8	0.0551	0.0722	0.00188	17.8	0.0426	24.2	0.000945	0.000945	0.00000479	0.00708	0.00135	0.0353	0.0206	0.00000539	19.4	0.0000208	0.000618	0.000226	0.000911
2052 Nov	88.4	0.0553	0.0728	0.00189	17.9	0.0428	24.4	0.000947	0.000947	0.0000048	0.00711	0.00136	0.0357	0.0207	0.0000054	19.5	0.0000209	0.000624	0.000227	0.000914
2052 Dec	88.6	0.0554	0.0731	0.0019	18	0.0429	24.5	0.000947	0.000947	0.0000048	0.00711	0.00136	0.0358	0.0207	0.00000541	19.5	0.0000209	0.000626	0.000227	0.000915
2053 Jan	88.7	0.0554	0.0732	0.0019	18	0.0429	24.6	0.000947	0.000947	0.0000048	0.00711	0.00136	0.0358	0.0207	0.00000541	19.5	0.0000209	0.000627	0.000227	0.000915
2053 Feb	88.7	0.0554	0.0732	0.0019	18	0.0429	24.6	0.000948	0.000948	0.0000048	0.00711	0.00136	0.0359	0.0207	0.00000541	19.5	0.0000209	0.000627	0.000227	0.000916
2053 Mar	88.8	0.0555	0.0733	0.0019	18	0.043	24.6	0.000949	0.000949	0.00000481	0.00712	0.00136	0.0359	0.0207	0.00000542	19.6	0.000021	0.000628	0.000228	0.000917
2053 Apr	89.1	0.0557	0.0736	0.00191	18.1	0.0432	24.7	0.000952	0.000952	0.00000483	0.00715	0.00137	0.0361	0.0208	0.00000544	19.6	0.000021	0.00063	0.000228	0.00092
2053 May	97.2	0.0586	0.0798	0.00198	19.3	0.0447	28	0.000952	0.000952	0.00000484	0.00722	0.00146	0.0398	0.0229	0.00000553	21.5	0.0000221	0.000705	0.000264	0.000965
2053 Jun	99.9	0.0568	0.0778	0.0019	19.7	0.0418	28.6	0.000905	0.000905	0.0000046	0.00684	0.00149	0.0396	0.0248	0.00000531	22.9	0.0000222	0.00073	0.000309	0.000969
2053 Jul	101	0.0566	0.0784	0.00193	19.9	0.0425	28.8	0.000932	0.000932	0.00000474	0.00703	0.00151	0.0402	0.0249	0.00000545	23.1	0.0000228	0.000737	0.000309	0.000983
2053 Aug	105	0.0588	0.0817	0.00201	20.7	0.0447	30.3	0.000968	0.000968	0.00000492	0.00729	0.00157	0.0422	0.0258	0.00000568	24	0.0000235	0.00077	0.000318	0.00102
2053 Sep	110	0.0609	0.0867	0.0021	21.4	0.047	32.6	0.00099	0.00099	0.00000504	0.0075	0.00163	0.0452	0.0266	0.00000586	24.8	0.0000244	0.000819	0.000326	0.00105
2053 Oct	113	0.0621	0.0896	0.00214	21.8	0.0483	34	0.000993	0.000993	0.00000506	0.00758	0.00165	0.0471	0.0268	0.00000592	25.2	0.0000248	0.000848	0.000328	0.00106
2053 Nov	113	0.0625	0.0897	0.00215	21.8	0.0485	34.2	0.000992	0.000992	0.00000505	0.00759	0.00165	0.0473	0.0268	0.00000592	25.2	0.0000248	0.00085	0.000327	0.00106
2053 Dec	113	0.0626	0.0899	0.00215	21.8	0.0485	34.3	0.000992	0.000992	0.00000505	0.00759	0.00166	0.0474	0.0268	0.00000592	25.2	0.0000248	0.000852	0.000327	0.00106
2054 Jan	113	0.0626	0.0899	0.00215	21.8	0.0485	34.3	0.000992	0.000992	0.00000506	0.00759	0.00166	0.0475	0.0268	0.00000592	25.2	0.0000248	0.000852	0.000327	0.00106
2054 Feb	113	0.0626	0.09	0.00215	21.8	0.0486	34.3	0.000992	0.000992	0.00000506	0.00759	0.00166	0.0475	0.0268	0.00000592	25.2	0.0000248	0.000853	0.000327	0.00106
2054 Mar	113	0.0626	0.09	0.00215	21.8	0.0486	34.3	0.000992	0.000992	0.00000506	0.00759	0.00166	0.0475	0.0268	0.00000592	25.2	0.0000248	0.000853	0.000327	0.00106
2054 Apr	114	0.0628	0.0903	0.00216	21.9	0.0487	34.4	0.000995	0.000995	0.00000507	0.00762	0.00166	0.0477	0.0269	0.00000594	25.3	0.0000249	0.000856	0.000328	0.00107
2054 May	115	0.0637	0.0906	0.00217	22.1	0.0489	34.6	0.00101	0.00101	0.00000512	0.00768	0.00169	0.0478	0.0275	0.000006	25.8	0.0000252	0.000864	0.000338	0.00108
2054 Jun	109	0.0583	0.0822	0.00198	20.6	0.0446	32.5	0.000949	0.000949	0.00000484	0.00729	0.00162	0.0448	0.027	0.00000565	25.1	0.0000246	0.000824	0.000342	0.00103
2054 Jul	104	0.0538	0.0774	0.00192	19.6	0.0435	30.8	0.000948	0.000948	0.00000483	0.00721	0.00156	0.0428	0.0255	0.0000056	23.7	0.000024	0.000782	0.000318	0.000998
2054 Aug	104	0.054	0.0766	0.00192	19.5	0.0445	30.7	0.000959	0.000959	0.00000488	0.00722	0.00156	0.0429	0.0254	0.00000565	23.7	0.0000236	0.000779	0.000312	0.001
2054 Sep	104	0.0549	0.0759	0.00191	19.4	0.0453	30.8	0.000963	0.000963	0.0000049	0.00723	0.00156	0.0432	0.0252	0.00000567	23.6	0.0000233	0.000779	0.000307	0.001
2054 Oct	102	0.0565	0.0745	0.00189	19.2	0.0455	30.5	0.000956	0.000956	0.00000487	0.00724	0.00155	0.0428	0.0249	0.00000563	23.4	0.000023	0.000769	0.0003	0.000999
2054 Nov	102	0.0571	0.0744	0.00189	19.2	0.0457	30.6	0.000954	0.000954	0.00000486	0.00724	0.00155	0.0429	0.0248	0.00000562	23.3	0.0000229	0.00077	0.000297	0.000998
2054 Dec	103	0.0572	0.0748	0.00189	19.2	0.0459	30.8	0.000954	0.000954	0.00000486	0.00725	0.00155	0.0432	0.0248	0.00000563	23.3	0.000023	0.000773	0.000298	0.000999
2055 Jan	103	0.0572	0.0749	0.00189	19.2	0.0459	30.8	0.000954	0.000954	0.00000486	0.00725	0.00155	0.0432	0.0248	0.00000563	23.4	0.000023	0.000774	0.000298	0.001
2055 Feb	103	0.0572	0.0749	0.00189	19.2	0.0459	30.8	0.000954	0.000954	0.00000486	0.00725	0.00155	0.0432	0.0248	0.00000563	23.4	0.000023	0.000775	0.000298	0.001
2055 Mar	103	0.0573	0.0749	0.00189	19.3	0.0459	30.9	0.000954	0.000954	0.00000486	0.00725	0.00155	0.0433	0.0248	0.00000563	23.4	0.000023	0.000775	0.000298	0.001
2055 Apr	103	0.0574	0.0751	0.0019	19.3	0.046	30.9	0.000957	0.000957	0.00000487	0.00727	0.00155	0.0434	0.0249	0.00000565	23.4	0.0000231	0.000777	0.000299	0.001
2055 May	104	0.058	0.076	0.00192	19.5	0.0466	31.3	0.000967	0.000967	0.00000492	0.00735	0.00157	0.0439	0.0252	0.00000571	23.7	0.0000233	0.000786	0.000302	0.00101
2055 Jun	93.9	0.0461	0.0681	0.0018	17	0.0425	29	0.000922	0.000922	0.00000469	0.00708	0.0014	0.0415	0.0213	0.00000544	20.3	0.0000231	0.000726	0.000245	0.000896
2055 Jul	89.3	0.0418	0.0638	0.00177	16.2	0.041	27.2	0.000929	0.000929	0.00000472	0.00706	0.00135	0.0394	0.0201	0.00000542	19.2	0.000023	0.000686	0.000226	0.000868
2055 Aug	91	0.0427	0.0646	0.0018	16.6	0.0423	27.6	0.000958	0.000958	0.00000487	0.00724	0.00139	0.0401	0.0206	0.00000557	19.6	0.0000233	0.000697	0.00023	0.000893
2055 Sep	90.2	0.0438	0.0631	0.00178	16.5	0.0427	27.2	0.00096	0.00096	0.00000488	0.00723	0.00138	0.0396	0.0205	0.00000557	19.6	0.0000229	0.000687	0.000227	0.000894
2055 Oct	90.5	0.0447	0.0632	0.00179	16.5	0.0431	27.3	0.000964	0.000964	0.00000489	0.00727	0.00139	0.0398	0.0205	0.00000559	19.6	0.0000229	0.00069	0.000227	0.000899
2055 Nov	90.9	0.045	0.0634	0.00179	16.6	0.0433	27.5	0.000965	0.000965	0.0000049	0.00729	0.00139	0.0401	0.0206	0.0000056	19.7	0.000023	0.000693	0.000227	0.000901
2055 Dec	91	0.0451	0.0636	0.00179	16.6	0.0434	27.6	0.000965	0.000965	0.0000049	0.00729	0.00139	0.0402	0.0206	0.0000056	19.7	0.000023	0.000695	0.000227	0.000902
2056 Jan	91.1	0.0451	0.0636	0.00179	16.6	0.0434	27.6	0.000965	0.000965	0.0000049	0.00729	0.00139	0.0402	0.0206	0.0000056	19.7	0.000023	0.000696	0.000227	0.000902
2056 Feb	91.1	0.0451	0.0636	0.0018	16.6	0.0434	27.7	0.000965	0.000965	0.0000049	0.00729	0.00139	0.0402	0.0206	0.0000056	19.7	0.000023	0.000696	0.000227	0.000902
2056 Mar	91.1	0.0451	0.0636	0.0018	16.6	0.0434	27.7	0.000965	0.000965	0.0000049	0.0073	0.00139	0.0403	0.0206	0.00000561	19.7	0.000023	0.000696	0.000227	0.000903
2056 Apr	91.4	0.0452	0.0638	0.0018	16.6	0.0436	27.8	0.000968	0.000968	0.00000492	0.00732	0.0014	0.0404	0.0206	0.00000562	19.8	0.0000231	0.000698	0.000228	0.000905
2056 May	93	0.0469	0.0633	0.00179	17.1	0.0431	27.6	0.000974	0.000974	0.00000494	0.00734	0.00143	0.0399	0.0219	0.00000564	20.7	0.0000233	0.000704	0.00025	0.00093
2056 Jun	89.7	0.047	0.0557	0.00162	17.1	0.0379	24.3	0.000929	0.000929	0.00000471	0.00689	0.00143	0.0346	0.0237	0.0000053	21.7	0.0000222	0.000652	0.000297	0.000931
2056 Jul	91	0.0472	0.0561	0.00166	17.3	0.039	24.5	0.000963	0.000963	0.00000488	0.0071	0.00146	0.0351	0.0241	0.00000547	22	0.0000228	0.000659	0.0003	0.000955
2056 Aug	91.3	0.0473	0.0557	0.00167	17.4	0.0401	24.6	0.000981	0.000981	0.00000497	0.00716	0.00148	0.0353	0.0242	0.00000557	22.1	0.0000226	0.000659	0.000298	0.000969
2056 Sep	93	0.0489	0.0566	0.00169	17.7	0.0413	25.2	0.000998	0.000998	0.00000506	0.0073	0.0015	0.0362	0.0246	0.00000567	22.5	0.0000229	0.000673	0.000301	0.000987

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	92.2	0.0506	0.0556	0.00167	17.4	0.0416	25.2	0.000986	0.000986	0.000005	0.00728	0.00149	0.0362	0.0242	0.00000561	22.2	0.0000226	0.000669	0.000293	0.000981
2056 Nov	92.5	0.0512	0.0558	0.00167	17.5	0.0419	25.5	0.000985	0.000985	0.00000499	0.0073	0.00149	0.0366	0.0242	0.00000561	22.2	0.0000226	0.000674	0.000292	0.000982
2056 Dec	92.7	0.0513	0.0559	0.00167	17.5	0.042	25.6	0.000985	0.000985	0.00000499	0.0073	0.00149	0.0367	0.0242	0.00000561	22.3	0.0000226	0.000676	0.000292	0.000982
2057 Jan	92.8	0.0513	0.056	0.00167	17.5	0.042	25.6	0.000985	0.000985	0.00000499	0.0073	0.00149	0.0367	0.0242	0.00000562	22.3	0.0000226	0.000676	0.000292	0.000982
2057 Feb	92.8	0.0513	0.056	0.00167	17.5	0.042	25.6	0.000985	0.000985	0.00000499	0.0073	0.00149	0.0368	0.0242	0.00000562	22.3	0.0000226	0.000676	0.000292	0.000982
2057 Mar	92.9	0.0513	0.056	0.00168	17.5	0.0421	25.6	0.000986	0.000986	0.000005	0.00731	0.00149	0.0368	0.0242	0.00000562	22.3	0.0000227	0.000677	0.000292	0.000983
2057 Apr	93.2	0.0515	0.0562	0.00168	17.5	0.0422	25.7	0.000989	0.000989	0.00000501	0.00733	0.0015	0.0369	0.0243	0.00000564	22.4	0.0000227	0.000679	0.000293	0.000986
2057 May	94.5	0.0524	0.0567	0.0017	17.8	0.0425	25.9	0.001	0.001	0.00000508	0.00742	0.00152	0.0372	0.0248	0.00000571	22.8	0.000023	0.000687	0.000302	0.001
2057 Jun	87.4	0.0459	0.0498	0.00155	16.3	0.0379	23.4	0.000947	0.000947	0.0000048	0.00703	0.00142	0.0338	0.0235	0.00000536	21.4	0.0000224	0.000636	0.000291	0.000933
2057 Jul	86.3	0.0444	0.0487	0.00156	16.1	0.0379	22.9	0.000966	0.000966	0.00000489	0.00714	0.00142	0.0334	0.0231	0.00000544	21.1	0.0000227	0.000625	0.000283	0.000932
2057 Aug	91	0.0467	0.0513	0.00164	17	0.0403	24.3	0.00102	0.00102	0.00000516	0.00752	0.0015	0.0353	0.0243	0.00000575	22.2	0.0000238	0.00066	0.000297	0.000983
2057 Sep	93	0.048	0.0524	0.00167	17.2	0.0415	25.1	0.00103	0.00103	0.00000523	0.00764	0.00152	0.0365	0.0246	0.00000584	22.5	0.0000241	0.000678	0.000299	0.000999
2057 Oct	94	0.0492	0.053	0.00167	17.2	0.0423	26	0.00103	0.00103	0.0000052	0.00765	0.00152	0.0376	0.0246	0.00000583	22.6	0.0000241	0.000693	0.000296	0.001
2057 Nov	94.7	0.0495	0.0535	0.00168	17.3	0.0427	26.5	0.00103	0.00103	0.0000052	0.00767	0.00153	0.0382	0.0246	0.00000585	22.7	0.0000242	0.000701	0.000297	0.001
2057 Dec	94.9	0.0496	0.0536	0.00168	17.3	0.0428	26.6	0.00103	0.00103	0.0000052	0.00767	0.00153	0.0383	0.0246	0.00000586	22.7	0.0000243	0.000704	0.000297	0.001
2058 Jan	95	0.0496	0.0537	0.00168	17.3	0.0428	26.6	0.00103	0.00103	0.0000052	0.00767	0.00153	0.0384	0.0246	0.00000586	22.7	0.0000243	0.000705	0.000297	0.001
2058 Feb	95	0.0496	0.0537	0.00168	17.3	0.0429	26.6	0.00103	0.00103	0.0000052	0.00767	0.00153	0.0384	0.0246	0.00000586	22.7	0.0000243	0.000705	0.000297	0.001
2058 Mar	95	0.0496	0.0537	0.00168	17.3	0.0429	26.6	0.00103	0.00103	0.0000052	0.00768	0.00153	0.0384	0.0246	0.00000586	22.7	0.0000243	0.000705	0.000297	0.001
2058 Apr	95.2	0.0497	0.0538	0.00169	17.3	0.043	26.7	0.00103	0.00103	0.00000522	0.00769	0.00154	0.0385	0.0247	0.00000587	22.8	0.0000243	0.000707	0.000298	0.00101
2058 May	103	0.0519	0.0574	0.00172	18.1	0.045	30.3	0.00102	0.00102	0.0000052	0.00774	0.00162	0.0427	0.0263	0.00000595	24.4	0.0000252	0.000783	0.000324	0.00104
2058 Jun	105	0.0504	0.0559	0.00159	18.2	0.0424	32.3	0.00092	0.00092	0.00000469	0.00703	0.00161	0.0441	0.0276	0.0000055	25.4	0.0000245	0.000826	0.00036	0.00102
2058 Jul	105	0.0497	0.0554	0.00161	18.2	0.0425	31.9	0.000943	0.000943	0.0000048	0.00717	0.00162	0.0437	0.0274	0.0000056	25.2	0.0000248	0.000817	0.000356	0.00103
2058 Aug	107	0.0509	0.0567	0.00166	18.6	0.0442	32.8	0.000974	0.000974	0.00000496	0.00737	0.00166	0.045	0.0281	0.00000578	25.9	0.0000253	0.000839	0.000363	0.00106
2058 Sep	107	0.0526	0.0559	0.00165	18.5	0.0449	32.7	0.000975	0.000975	0.00000496	0.00741	0.00166	0.045	0.0278	0.00000578	25.7	0.0000251	0.000835	0.000356	0.00106
2058 Oct	107	0.0543	0.0556	0.00164	18.4	0.0455	33	0.000971	0.000971	0.00000494	0.00744	0.00165	0.0454	0.0276	0.00000577	25.6	0.000025	0.000837	0.00035	0.00106
2058 Nov	107	0.0546	0.0558	0.00164	18.4	0.0458	33.2	0.000972	0.000972	0.00000495	0.00746	0.00166	0.0457	0.0276	0.00000579	25.7	0.000025	0.000841	0.00035	0.00106
2058 Dec	107	0.0546	0.0558	0.00165	18.5	0.0458	33.3	0.000972	0.000972	0.00000495	0.00746	0.00166	0.0458	0.0276	0.00000579	25.7	0.0000251	0.000842	0.00035	0.00106
2059 Jan	107	0.0546	0.0558	0.00165	18.5	0.0458	33.3	0.000972	0.000972	0.00000495	0.00746	0.00166	0.0458	0.0276	0.00000579	25.7	0.0000251	0.000842	0.00035	0.00106
2059 Feb	107	0.0546	0.0559	0.00165	18.5	0.0458	33.3	0.000972	0.000972	0.00000495	0.00746	0.00166	0.0458	0.0277	0.00000579	25.7	0.0000251	0.000843	0.00035	0.00106
2059 Mar	107	0.0546	0.0559	0.00165	18.5	0.0458	33.3	0.000972	0.000972	0.00000495	0.00746	0.00166	0.0458	0.0277	0.00000579	25.7	0.0000251	0.000843	0.00035	0.00106
2059 Apr	108	0.0547	0.056	0.00165	18.5	0.0459	33.4	0.000974	0.000974	0.00000496	0.00748	0.00166	0.0459	0.0277	0.0000058	25.8	0.0000251	0.000845	0.000351	0.00106
2059 May	110	0.0559	0.0564	0.00165	18.8	0.0462	33.8	0.000982	0.000982	0.000005	0.00754	0.00169	0.0464	0.0285	0.00000585	26.4	0.0000254	0.000859	0.000365	0.00108
2059 Jun	110	0.0559	0.0543	0.00159	18.9	0.0444	33.3	0.000964	0.000964	0.00000491	0.00739	0.00171	0.0452	0.0298	0.00000574	27.3	0.0000254	0.000857	0.000392	0.00109
2059 Jul	115	0.058	0.0566	0.00167	19.7	0.0465	34.8	0.00102	0.00102	0.00000517	0.00778	0.00179	0.0473	0.031	0.00000604	28.5	0.0000267	0.000896	0.000408	0.00114
2059 Aug	120	0.0604	0.059	0.00174	20.5	0.0487	36.3	0.00106	0.00106	0.0000054	0.0081	0.00187	0.0495	0.0323	0.0000063	29.6	0.0000277	0.000935	0.000423	0.00119
2059 Sep	120	0.062	0.0586	0.00174	20.5	0.0495	36.5	0.00106	0.00106	0.00000542	0.00817	0.00187	0.0498	0.0321	0.00000633	29.6	0.0000277	0.000935	0.000418	0.00119
2059 Oct	113	0.0649	0.054	0.00164	19.3	0.0492	34.9	0.00102	0.00102	0.00000517	0.00796	0.00176	0.0478	0.0299	0.00000604	27.7	0.0000261	0.000884	0.000379	0.00114
2059 Nov	113	0.0656	0.0539	0.00163	19.2	0.0496	35.1	0.00101	0.00101	0.00000516	0.00796	0.00176	0.0481	0.0297	0.00000603	27.7	0.000026	0.000887	0.000375	0.00114
2059 Dec	113	0.0656	0.054	0.00163	19.2	0.0496	35.2	0.00101	0.00101	0.00000516	0.00797	0.00176	0.0482	0.0297	0.00000603	27.7	0.000026	0.000889	0.000375	0.00114
2060 Jan	113	0.0656	0.054	0.00163	19.2	0.0497	35.2	0.00101	0.00101	0.00000516	0.00797	0.00176	0.0482	0.0297	0.00000603	27.7	0.000026	0.000889	0.000375	0.00114
2060 Feb	113	0.0656	0.054	0.00164	19.2	0.0497	35.2	0.00101	0.00101	0.00000516	0.00797	0.00176	0.0483	0.0297	0.00000604	27.7	0.000026	0.000889	0.000375	0.00114
2060 Mar	113	0.0656	0.0541	0.00164	19.2	0.0497	35.3	0.00101	0.00101	0.00000516	0.00797	0.00176	0.0483	0.0297	0.00000604	27.7	0.000026	0.00089	0.000375	0.00114
2060 Apr	114	0.0658	0.0542	0.00164	19.3	0.0499	35.4	0.00102	0.00102	0.00000518	0.008	0.00177	0.0485	0.0298	0.00000606	27.8	0.0000261	0.000893	0.000376	0.00115
2060 May	115	0.0664	0.0539	0.00162	19.6	0.0491	35.4	0.00101	0.00101	0.00000516	0.00794	0.0018	0.0482	0.0311	0.00000603	28.7	0.0000263	0.000902	0.0004	0.00116
2060 Jun	109	0.0616	0.049	0.00151	19.1	0.0436	31.6	0.000963	0.000963	0.0000049	0.00741	0.00173	0.0426	0.0308	0.00000567	28	0.0000249	0.000828	0.000411	0.00112
2060 Jul	112	0.0633	0.0505	0.00157	19.8	0.0453	32.5	0.00101	0.00101	0.00000514	0.00775	0.00179	0.0441	0.0318	0.00000593	28.8	0.0000259	0.000854	0.000422	0.00116
2060 Aug	112	0.0634	0.0501	0.00158	19.8	0.0465	32.5	0.00103	0.00103	0.00000522	0.0078	0.0018	0.0443	0.0317	0.00000601	28.8	0.0000257	0.000854	0.000417	0.00117
2060 Sep	106	0.0619	0.0459	0.0015	18.5	0.0465	30.9	0.000991	0.000991	0.00000504	0.00748	0.0017	0.0426	0.0294	0.00000579	27	0.0000235	0.000804	0.000375	0.00111
2060 Oct	105	0.0635	0.045	0.00148	18.3	0.0469	30.9	0.000983	0.000983	0.000005	0.00749	0.00168	0.0426	0.0288	0.00000575	26.6	0.0000233	0.000798	0.000364	0.0011
2060 Nov	104	0.064	0.0448	0.00148	18.2	0.0471	30.9	0.000979	0.000979	0.00000498	0.00748	0.00167	0.0427	0.0286	0.00000573	26.4	0.0000232	0.000797	0.00036	0.0011
2060 Dec	105	0.064	0.045	0.00148	18.2	0.0472	31.1	0.000979	0.000979	0.00000498	0.00749	0.00168	0.0429	0.0286	0.00000574	26.5	0.0000233	0.000801	0.00036	0.0011
2061 Jan	105	0.064	0.045	0.00148	18.2	0.0473	31.2	0.000979	0.000979	0.00000498	0.00749	0.00168	0.043	0.0286	0.00000574	26.5	0.0000233	0.000802	0.00036	0.0011
2061 Feb	105	0.064	0.045	0.00148	18.2	0.0473	31.2	0.000979	0.000979	0.00000498	0.00749	0.00168	0.043	0.0286	0.00000574	26.5	0.0000233	0.000802	0.00036	0.0011
2061 Mar	105	0.064	0.045	0.00148	18.2	0.0473	31.2	0.000979	0.000979	0.00000498	0.00749	0.00168	0.0431	0.0287	0.00000574	26.5	0.0000233	0.000802	0.00036	0.0011
2061 Apr	105	0.0642	0.0452	0.00149	18.3	0.0474	31.3	0.000982	0.000982	0.00000499	0.00751	0.00168	0.0432	0.0287	0.00000576	26.6	0.0000234	0.000805	0.000361	0.0011
2061 May	109	0.0648	0.0463	0.00149	18.9	0.0474	32.6	0.000978	0.000978	0.00000498	0.00748	0.00173	0.0444	0.0302	0.00000577	27.8	0.0000239	0.000838	0.000388	0.00113
2061 Jun	103	0.0582	0.0434	0.0014	18.3	0.0422	30.2	0.000914	0.000914	0.00000465	0.0069	0.00164	0.0407	0.0293	0.00000538	26.6	0.0000228	0.000787	0.000389	0.00106
2061 Jul	106	0.0591	0.0445	0.00146	18.8	0.0438	30.9	0.000957	0.000957	0.00000487	0.0072	0.0017	0.0419	0.03	0.00000562	27.3	0.0000237	0.000808	0.000397	0.0011
2061 Aug	110	0.0612	0.0461	0.00152	19.4	0.0459	32.2	0.000997	0.000997	0.00000507	0.00749	0.00176	0.0437	0.0311	0.00000586	28.3	0.0000245	0.00084	0.00041	0.00114
2061 Sep	111	0.0621	0.0464	0.00153	19.5	0.0469	32.8	0.00101	0.00101	0.00000512	0.00757	0.00178	0.0446	0.0313	0.00000592	28.5	0.0000247	0.000852	0.000409	0.00115
2061 Oct	109	0.0636	0.0449	0.00149	18.8	0.0475	33.1	0.000978	0.000978	0.00000498	0.00749	0.00173	0.045	0.03	0.00000579	27.6	0.0000241	0.000846	0.000387	0.00113
2061 Nov	110	0.0642	0.0449	0.00148	18.7	0.0481	33.8	0.00097	0.00097	0.00000494	0.00749	0.00173	0.0459	0.0297	0.00000578	27.5	0.0000241	0.000856	0.000381	0.00112
2061 Dec	110	0.0642	0.045	0.00148	18.7	0.0482	34	0.00097	0.00097	0.00000494	0.00749	0.00173	0.0461	0.0298	0.00000578	27.5	0.0000242	0.000859	0.000381	0.00112
2062 Jan	110	0.0643	0.045	0.00148	18.7	0.0483	34	0.00097	0.00097	0.00000494	0.00749	0.00173	0.0462	0.0298	0.00000578	27.6	0.0000242	0.000861	0.000381	0.00112
2062 Feb	110	0.0643	0.045	0.00148	18.7	0.0483	34.1	0.00097	0.00097	0.00000494	0.00749	0.00173	0.0462	0.0298	0.00000578	27.6	0.0000242	0.000861	0.000381	0.00112
2062 Mar	110	0.0643	0.0451	0.00149	18.7	0.0483	34.1	0.000971	0.000971	0.00000495	0.0075	0.00173	0.0463	0.0298	0.00000579	27.6	0.0000242	0.000862	0.000381	0.00112
2062 Apr	110	0.0645	0.0452	0.00149	18.8	0.0485	34.2	0.000974	0.000974	0.00000496	0.00753	0.00174	0.0465	0.0299	0.00000581	27.7	0.0000243	0.000865	0.000383	0.00113
2062 May	111	0.0651	0.0457	0.0015	19	0.049	34.5	0.000983	0.000983	0.00000501	0.0076	0.00175	0.0469	0.0302	0.00000586	27.9	0.0000245	0.000873	0.000386	0.00114
2062 Jun	98.1	0.0521	0.0401	0.00142	16.2	0.0441	30.6	0.000945	0.000945	0.00000481	0.00731	0.00155	0.0426	0.0256	0.00000557	23.9	0.0000239	0.000778	0.000317	0.001
2062 Jul	90.7	0.0452	0.037	0.00139	15	0.0417	27.9	0.000942	0.000942	0.00000479	0.00722	0.00146	0.0396	0.0233	0.00000548	21.8	0.0000235	0.000716	0.000281	0.000945
2062 Aug	90.1	0.0451	0.0362	0.00139	14.9	0.0426	27.6	0.000954	0.000954	0.00000485	0.00722	0.00146	0.0394	0.0232	0.00000554	21.7	0.0000229	0.000708	0.000275	0.000951
2062 Sep	88.2	0.0473	0.0347	0.00136	14.6	0.043	27.1	0.000943	0.000943	0.00000479	0.00717	0.00143	0.0387	0.0226	0.00000546	21.2	0.0000222	0.000691	0.000263	0.000941
2062 Oct	84.6	0.0534	0.0326	0.00131	14.2	0.0437	26.7	0.000893	0.000893	0.00000454	0.00697	0.00136	0.0381	0.0209	0.0000052	20	0.0000208	0.000663	0.000233	0.000911
2062 Nov	84.9	0.0541	0.0326	0.00131	14.2	0.044	26.9	0.000894	0.000894	0.00000454	0.007	0.00136	0.0383	0.0209	0.00000521	20	0.0000208	0.000666	0.000232	0.000914
2062 Dec	85.1	0.0541	0.0327	0.00131	14.2	0.0441	27	0.000894	0.000894	0.00000454	0.007	0.00136	0.0384	0.0209	0.00000521	20	0.0000208	0.000668	0.000232	0.000914
2063 Jan	85.1	0.0542	0.0327	0.00131	14.2	0.0441	27	0.000893	0.000893	0.00000454	0.00701	0.00136	0.0385	0.0209	0.00000522	20	0.0000208	0.000669	0.000232	0.000914
2063 Feb	85.1	0.0542	0.0327	0.00131	14.2	0.0441	27	0.000894	0.000894	0.00000454	0.00701	0.00136	0.0385	0.0209	0.00000522	20	0.0000208	0.000669	0.000232	0.000914

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	85.2	0.0542	0.0327	0.00131	14.2	0.0442	27	0.000894	0.000894	0.00000454	0.00701	0.00136	0.0385	0.0209	0.00000522	20	0.0000208	0.000669	0.000232	0.000915
2063 Apr	85.3	0.0543	0.0328	0.00131	14.3	0.0442	27.1	0.000895	0.000895	0.00000455	0.00702	0.00136	0.0386	0.021	0.00000523	20.1	0.0000209	0.000671	0.000232	0.000916
2063 May	86.9	0.0552	0.0331	0.00132	14.7	0.0438	27	0.000904	0.000904	0.00000459	0.00705	0.0014	0.0382	0.022	0.00000526	20.9	0.0000211	0.000676	0.000252	0.000938
2063 Jun	78.8	0.047	0.0298	0.00121	14.7	0.0345	20.9	0.00085	0.00085	0.00000431	0.00634	0.00132	0.0295	0.0226	0.0000048	20.4	0.0000198	0.00057	0.000287	0.000884
2063 Jul	76.4	0.0444	0.0289	0.00122	14.3	0.0339	19.8	0.000864	0.000864	0.00000437	0.0064	0.00129	0.0284	0.0218	0.00000484	19.7	0.0000199	0.000547	0.000274	0.000869
2063 Aug	79.5	0.046	0.03	0.00127	14.9	0.0356	20.7	0.000901	0.000901	0.00000456	0.00666	0.00134	0.0297	0.0227	0.00000505	20.4	0.0000206	0.00057	0.000283	0.000905
2063 Sep	80.1	0.047	0.0298	0.00127	14.8	0.0368	21.2	0.000907	0.000907	0.00000459	0.0067	0.00135	0.0305	0.0226	0.00000509	20.5	0.0000205	0.000579	0.000279	0.000911
2063 Oct	79.9	0.0487	0.0292	0.00126	14.7	0.0375	21.6	0.000898	0.000898	0.00000455	0.00671	0.00134	0.031	0.0223	0.00000506	20.3	0.0000203	0.000582	0.000272	0.000908
2063 Nov	80.5	0.0491	0.0294	0.00126	14.7	0.0379	22	0.000897	0.000897	0.00000454	0.00673	0.00135	0.0316	0.0223	0.00000507	20.4	0.0000204	0.00059	0.000271	0.00091
2063 Dec	80.7	0.0491	0.0295	0.00126	14.7	0.038	22.1	0.000898	0.000898	0.00000455	0.00673	0.00135	0.0317	0.0223	0.00000507	20.4	0.0000204	0.000592	0.000271	0.000911
2064 Jan	80.8	0.0491	0.0295	0.00126	14.7	0.038	22.2	0.000897	0.000897	0.00000454	0.00673	0.00135	0.0318	0.0224	0.00000508	20.5	0.0000204	0.000593	0.000271	0.000911
2064 Feb	80.8	0.0491	0.0295	0.00126	14.7	0.038	22.2	0.000898	0.000898	0.00000455	0.00673	0.00135	0.0318	0.0224	0.00000508	20.5	0.0000204	0.000594	0.000272	0.000911
2064 Mar	80.9	0.0492	0.0295	0.00126	14.7	0.0381	22.3	0.000898	0.000898	0.00000455	0.00674	0.00135	0.0319	0.0224	0.00000508	20.5	0.0000205	0.000595	0.000272	0.000912
2064 Apr	81.1	0.0493	0.0296	0.00126	14.7	0.0382	22.3	0.0009	0.0009	0.00000456	0.00676	0.00136	0.032	0.0224	0.00000509	20.5	0.0000205	0.000596	0.000272	0.000914
2064 May	85.8	0.0506	0.0309	0.00127	15.3	0.0388	24.1	0.000901	0.000901	0.00000457	0.00678	0.00142	0.0339	0.024	0.00000515	21.9	0.0000211	0.00064	0.0003	0.000946
2064 Jun	89.1	0.049	0.0317	0.00123	16	0.0365	24.9	0.000861	0.000861	0.00000437	0.00642	0.00146	0.0341	0.0259	0.00000497	23.3	0.0000212	0.000668	0.000344	0.000957
2064 Jul	89.9	0.0488	0.0318	0.00126	16.1	0.0374	25	0.000892	0.000892	0.00000453	0.00662	0.00149	0.0344	0.0262	0.00000513	23.5	0.0000216	0.000671	0.000345	0.000977
2064 Aug	90.2	0.0486	0.0315	0.00127	16.1	0.0386	25.2	0.000909	0.000909	0.00000461	0.00667	0.0015	0.0348	0.0262	0.00000521	23.6	0.0000214	0.000674	0.000341	0.000988
2064 Sep	89.5	0.0496	0.0305	0.00125	15.7	0.0401	25.8	0.0009	0.0009	0.00000457	0.00664	0.00148	0.0357	0.0254	0.00000519	23.1	0.0000208	0.000677	0.000324	0.000976
2064 Oct	91.2	0.0509	0.0309	0.00126	15.7	0.0413	27	0.000902	0.000902	0.00000458	0.00672	0.0015	0.0373	0.0255	0.00000524	23.4	0.0000211	0.0007	0.000322	0.000985
2064 Nov	92.1	0.0511	0.0312	0.00126	15.8	0.0417	27.5	0.000904	0.000904	0.00000459	0.00674	0.00151	0.038	0.0256	0.00000526	23.5	0.0000213	0.00071	0.000324	0.00099
2064 Dec	92.3	0.0511	0.0312	0.00126	15.8	0.0418	27.6	0.000904	0.000904	0.00000459	0.00675	0.00151	0.0381	0.0257	0.00000527	23.5	0.0000213	0.000712	0.000324	0.00099
2065 Jan	92.4	0.0511	0.0312	0.00126	15.8	0.0418	27.6	0.000904	0.000904	0.00000459	0.00675	0.00151	0.0382	0.0257	0.00000527	23.5	0.0000213	0.000713	0.000324	0.00099
2065 Feb	92.4	0.0511	0.0312	0.00126	15.8	0.0419	27.6	0.000904	0.000904	0.00000459	0.00675	0.00151	0.0382	0.0257	0.00000527	23.6	0.0000213	0.000713	0.000324	0.000991
2065 Mar	92.5	0.0512	0.0313	0.00126	15.8	0.0419	27.7	0.000905	0.000905	0.0000046	0.00676	0.00151	0.0382	0.0257	0.00000528	23.6	0.0000213	0.000714	0.000324	0.000992
2065 Apr	92.9	0.0513	0.0314	0.00127	15.8	0.0421	27.8	0.000908	0.000908	0.00000462	0.00678	0.00152	0.0384	0.0258	0.0000053	23.7	0.0000214	0.000717	0.000326	0.000995
2065 May	97	0.0528	0.0323	0.00127	16.3	0.0428	29.3	0.000916	0.000916	0.00000466	0.00687	0.00158	0.0401	0.0272	0.00000538	24.9	0.0000221	0.000755	0.00035	0.00103
2065 Jun	95.5	0.0498	0.0317	0.00123	16.2	0.0399	28.4	0.000886	0.000886	0.00000451	0.00664	0.00155	0.0386	0.0273	0.0000052	24.8	0.0000221	0.000742	0.000361	0.001
2065 Jul	98.6	0.0505	0.0328	0.00129	16.6	0.0416	29.4	0.00093	0.00093	0.00000473	0.00696	0.00161	0.0401	0.028	0.00000545	25.5	0.0000231	0.000767	0.000367	0.00104
2065 Aug	102	0.0522	0.0339	0.00134	17.2	0.0438	30.8	0.000967	0.000967	0.00000492	0.00722	0.00167	0.042	0.0289	0.00000567	26.4	0.0000238	0.0008	0.000378	0.00108
2065 Sep	101	0.0541	0.0324	0.0013	16.6	0.0447	31	0.000946	0.000946	0.00000481	0.00716	0.00163	0.0425	0.0278	0.00000558	25.6	0.0000232	0.000793	0.000355	0.00106
2065 Oct	97.4	0.0587	0.0302	0.00125	15.7	0.0462	31.4	0.000905	0.000905	0.00000461	0.0071	0.00156	0.0431	0.0259	0.00000539	24.2	0.0000223	0.000781	0.000317	0.00102
2065 Nov	97.3	0.0597	0.03	0.00125	15.6	0.0466	31.6	0.000904	0.000904	0.0000046	0.00712	0.00155	0.0433	0.0257	0.00000539	24.1	0.0000222	0.000782	0.000312	0.00102
2065 Dec	97.4	0.0597	0.0301	0.00125	15.6	0.0467	31.6	0.000904	0.000904	0.0000046	0.00712	0.00155	0.0434	0.0257	0.00000539	24.1	0.0000222	0.000784	0.000312	0.00102
2066 Jan	97.6	0.0597	0.0301	0.00125	15.6	0.0468	31.7	0.000904	0.000904	0.0000046	0.00713	0.00155	0.0435	0.0257	0.0000054	24.2	0.0000222	0.000785	0.000313	0.00102
2066 Feb	97.6	0.0597	0.0301	0.00125	15.7	0.0468	31.8	0.000904	0.000904	0.00000461	0.00713	0.00155	0.0436	0.0257	0.0000054	24.2	0.0000223	0.000786	0.000313	0.00102
2066 Mar	97.8	0.0599	0.0302	0.00125	15.7	0.0469	31.8	0.000905	0.000905	0.00000461	0.00714	0.00156	0.0437	0.0257	0.00000541	24.2	0.0000223	0.000787	0.000313	0.00102
2066 Apr	98	0.06	0.0303	0.00125	15.7	0.047	31.9	0.000908	0.000908	0.00000463	0.00716	0.00156	0.0438	0.0258	0.00000542	24.3	0.0000224	0.000789	0.000314	0.00103
2066 May	99	0.0606	0.0305	0.00126	15.9	0.0473	32.1	0.000917	0.000917	0.00000467	0.00723	0.00158	0.044	0.0262	0.00000547	24.6	0.0000226	0.000796	0.000319	0.00104
2066 Jun	88.6	0.0488	0.0284	0.00122	14.6	0.0408	27.6	0.00088	0.00088	0.00000447	0.00681	0.00143	0.0384	0.0235	0.00000516	21.9	0.0000219	0.000702	0.00029	0.000936
2066 Jul	90	0.0481	0.029	0.00128	14.8	0.0419	27.7	0.000928	0.000928	0.00000471	0.00713	0.00146	0.0389	0.0238	0.0000054	22.1	0.0000229	0.000709	0.000289	0.00096
2066 Aug	93.1	0.0495	0.0298	0.00133	15.2	0.0438	28.8	0.000964	0.000964	0.0000049	0.00738	0.00152	0.0405	0.0245	0.00000562	22.9	0.0000235	0.000735	0.000297	0.000997
2066 Sep	93.5	0.0512	0.0295	0.00132	15.2	0.0447	29.2	0.000966	0.000966	0.00000491	0.00743	0.00152	0.0411	0.0245	0.00000564	22.9	0.0000234	0.000741	0.000293	0.001
2066 Oct	92.7	0.0536	0.0285	0.00129	14.9	0.0455	29.5	0.00095	0.00095	0.00000483	0.00741	0.0015	0.0415	0.0239	0.00000556	22.5	0.0000231	0.00074	0.000282	0.000993
2066 Nov	93.1	0.0541	0.0284	0.00129	14.8	0.0459	29.9	0.000947	0.000947	0.00000482	0.00742	0.0015	0.042	0.0239	0.00000556	22.6	0.0000231	0.000746	0.00028	0.000993
2066 Dec	93.3	0.0542	0.0285	0.00129	14.9	0.046	30	0.000947	0.000947	0.00000482	0.00742	0.0015	0.0421	0.0239	0.00000557	22.6	0.0000231	0.000749	0.00028	0.000994
2067 Jan	93.4	0.0542	0.0285	0.00129	14.9	0.046	30.1	0.000947	0.000947	0.00000482	0.00743	0.0015	0.0422	0.0239	0.00000557	22.6	0.0000232	0.00075	0.00028	0.000995
2067 Feb	93.4	0.0542	0.0285	0.00129	14.9	0.0461	30.1	0.000947	0.000947	0.00000482	0.00743	0.0015	0.0423	0.0239	0.00000557	22.6	0.0000232	0.000751	0.00028	0.000995
2067 Mar	93.5	0.0542	0.0286	0.00129	14.9	0.0461	30.1	0.000948	0.000948	0.00000482	0.00744	0.00151	0.0423	0.0239	0.00000558	22.6	0.0000232	0.000752	0.000281	0.000996
2067 Apr	93.7	0.0543	0.0286	0.00129	14.9	0.0462	30.2	0.00095	0.00095	0.00000483	0.00745	0.00151	0.0424	0.024	0.00000559	22.7	0.0000232	0.000753	0.000281	0.000998
2067 May	95.5	0.0556	0.0289	0.00129	15.4	0.0458	30.1	0.000961	0.000961	0.00000489	0.0075	0.00155	0.042	0.0252	0.00000563	23.6	0.0000235	0.000759	0.000304	0.00102
2067 Jun	93.5	0.053	0.0279	0.00123	15.4	0.0418	28	0.000929	0.000929	0.00000472	0.00716	0.00154	0.0387	0.0262	0.0000054	24.1	0.000023	0.000729	0.000333	0.00101
2067 Jul	97	0.0542	0.0288	0.00128	15.9	0.0437	29.1	0.000975	0.000975	0.00000495	0.0075	0.0016	0.0404	0.0271	0.00000567	24.9	0.0000241	0.000757	0.000341	0.00105
2067 Aug	98	0.0534	0.0288	0.0013	15.9	0.0454	29.8	0.000993	0.000993	0.00000505	0.00755	0.00163	0.0415	0.0271	0.00000578	25	0.000024	0.000769	0.000338	0.00107
2067 Sep	98.9	0.0544	0.0287	0.0013	15.9	0.0465	30.5	0.000999	0.000999	0.00000508	0.00761	0.00164	0.0424	0.0272	0.00000583	25.1	0.000024	0.00078	0.000335	0.00107
2067 Oct	97.5	0.0566	0.0275	0.00127	15.4	0.0471	30.7	0.000975	0.000975	0.00000496	0.00755	0.0016	0.0428	0.0263	0.00000572	24.5	0.0000235	0.000777	0.000319	0.00106
2067 Nov	97.8	0.0575	0.0274	0.00126	15.4	0.0476	31.2	0.000972	0.000972	0.00000494	0.00757	0.0016	0.0434	0.0262	0.00000572	24.5	0.0000235	0.000784	0.000315	0.00106
2067 Dec	98.1	0.0576	0.0274	0.00126	15.4	0.0478	31.4	0.000972	0.000972	0.00000495	0.00758	0.0016	0.0436	0.0262	0.00000572	24.5	0.0000235	0.000787	0.000316	0.00106
2068 Jan	98.2	0.0576	0.0275	0.00126	15.4	0.0478	31.4	0.000972	0.000972	0.00000495	0.00758	0.0016	0.0437	0.0262	0.00000573	24.5	0.0000236	0.000789	0.000316	0.00106
2068 Feb	98.3	0.0576	0.0275	0.00127	15.4	0.0478	31.5	0.000972	0.000972	0.00000495	0.00758	0.00161	0.0437	0.0262	0.00000573	24.6	0.0000236	0.000789	0.000316	0.00106
2068 Mar	98.5	0.0577	0.0275	0.00127	15.4	0.0479	31.5	0.000974	0.000974	0.00000495	0.00759	0.00161	0.0438	0.0263	0.00000574	24.6	0.0000236	0.000791	0.000316	0.00106
2068 Apr	99.1	0.058	0.0277	0.00128	15.5	0.0482	31.7	0.00098	0.00098	0.00000499	0.00764	0.00162	0.0441	0.0264	0.00000578	24.8	0.0000238	0.000796	0.000318	0.00107
2068 May	101	0.0588	0.0282	0.00128	16	0.0478	31.9	0.000983	0.000983	0.000005	0.00764	0.00165	0.044	0.0275	0.00000579	25.6	0.000024	0.000806	0.000339	0.00109
2068 Jun	91.3	0.0504	0.0271	0.00119	15.5	0.0392	26.7	0.000892	0.000892	0.00000453	0.00674	0.00151	0.0365	0.0264	0.00000517	23.9	0.0000022	0.000702	0.000344	0.00099
2068 Jul	90.1	0.0482	0.0265	0.0012	15.2	0.0397	26.2	0.000915	0.000915	0.00000464	0.00685	0.00151	0.0362	0.0259	0.00000528	23.5	0.0000022	0.000691	0.000332	0.000991
2068 Aug	93.9	0.0499	0.0274	0.00126	15.7	0.0419	27.5	0.000957	0.000957	0.00000486	0.00713	0.00157	0.0381	0.0269	0.00000552	24.4	0.0000228	0.000722	0.000343	0.00103
2068 Sep	93.6	0.0518	0.0268	0.00125	15.6	0.0428	27.7	0.000957	0.000957	0.00000486	0.00718	0.00157	0.0384	0.0266	0.00000553	24.2	0.0000226	0.000722	0.000335	0.00103
2068 Oct	94.2	0.0532	0.0266	0.00125	15.6	0.0436	28.2	0.000958	0.000958	0.00000486	0.00724	0.00157	0.0391	0.0265	0.00000555	24.3	0.0000227	0.00073	0.000332	0.00104
2068 Nov	94.6	0.0534	0.0267	0.00125	15.6	0.0438	28.4	0.00096	0.00096	0.00000488	0.00726	0.00158	0.0394	0.0266	0.00000557	24.4	0.0000228	0.000735	0.000332	0.00104
2068 Dec	94.7	0.0534	0.0267	0.00125	15.6	0.0439	28.4	0.00096	0.00096	0.00000488	0.00727	0.00158	0.0394	0.0266	0.00000557	24.4	0.0000228	0.000736	0.000333	0.00104
2069 Jan	94.8	0.0534	0.0268	0.00125	15.6	0.0439	28.5	0.00096	0.00096	0.00000488	0.00727	0.00158	0.0395	0.0266	0.00000557	24.4	0.0000228	0.000737	0.000333	0.00104
2069 Feb	94.8	0.0534	0.0268	0.00125	15.6	0.0439	28.5	0.000961	0.000961	0.00000488	0.00727	0.00158	0.0395	0.0266	0.00000558	24.4	0.0000228	0.000737	0.000333	0.00104
2069 Mar	94.9	0.0534	0.0268	0.00125	15.6	0.044	28.5	0.000961	0.000961	0.00000488	0.00727	0.00158	0.0396	0.0266	0.00000558	24.4	0.0000228	0.000737	0.000333	0.00104
2069 Apr	95	0.0535	0.0268	0.00125	15.7	0.044	28.6	0.000962	0.000962	0.00000489	0.00728	0.00158	0.0396	0.0267	0.00000559	24.4	0.0000229	0.000739	0.000333	0.00105
2069 May	96.6	0.0544	0.0272	0.00127	15.9	0.0446	29	0.000977	0.000977	0.00000496	0.00739	0.00161	0.0402	0.0271	0.00000567	24.9	0.0000232	0.00075	0.00034	0.00106
2069 Jun	88.3	0.0454	0.0247	0.00121	14.2	0.0404	26.4	0.000939	0.000939	0.00000477	0.00713	0.00148	0.0372	0.0245	0.00000541	22.5	0.000023	0.000692	0.000304	0.000969
2069 Jul	88.6	0.0442	0.0249	0.00124	14.2	0.041	26.3	0.00097	0.00097	0.00000492	0.00734	0.00149	0.0374	0.0243	0.00000557	22.4	0.0000236	0.000693	0.000299	0.000977

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	90.1	0.0449	0.0251	0.00127	14.5	0.0424	26.9	0.000995	0.000995	0.00000505	0.00748	0.00152	0.0383	0.0247	0.00000571	22.8	0.0000237	0.000705	0.000301	0.000999
2069 Sep	88.1	0.0474	0.0238	0.00123	14.1	0.0429	26.6	0.000972	0.000972	0.00000493	0.00738	0.00148	0.038	0.0239	0.00000558	22.1	0.0000229	0.00069	0.000285	0.000981
2069 Oct	84.8	0.0523	0.0222	0.00118	13.6	0.0434	26	0.000935	0.000935	0.00000474	0.00726	0.00142	0.0372	0.0225	0.00000538	21.1	0.0000218	0.000665	0.00026	0.000956
2069 Nov	84.4	0.0537	0.0219	0.00118	13.6	0.0436	25.8	0.000934	0.000934	0.00000474	0.00728	0.00141	0.037	0.0224	0.00000537	21	0.0000216	0.000659	0.000256	0.000956
2069 Dec	84.5	0.0537	0.0219	0.00118	13.6	0.0437	25.9	0.000934	0.000934	0.00000474	0.00728	0.00142	0.0371	0.0224	0.00000537	21	0.0000217	0.000661	0.000256	0.000957
2070 Jan	84.5	0.0537	0.0219	0.00118	13.6	0.0437	26	0.000934	0.000934	0.00000474	0.00728	0.00142	0.0371	0.0224	0.00000538	21	0.0000217	0.000661	0.000256	0.000957
2070 Feb	84.6	0.0537	0.0219	0.00118	13.6	0.0437	26	0.000934	0.000934	0.00000474	0.00728	0.00142	0.0371	0.0224	0.00000538	21	0.0000217	0.000661	0.000256	0.000957
2070 Mar	84.6	0.0538	0.022	0.00118	13.6	0.0437	26	0.000934	0.000934	0.00000474	0.00729	0.00142	0.0372	0.0224	0.00000538	21	0.0000217	0.000662	0.000256	0.000957
2070 Apr	84.9	0.054	0.022	0.00119	13.7	0.0439	26.1	0.000938	0.000938	0.00000476	0.00731	0.00142	0.0373	0.0225	0.0000054	21.1	0.0000218	0.000664	0.000257	0.000961
2070 May	86.7	0.055	0.0226	0.00119	14.2	0.0435	26	0.000946	0.000946	0.0000048	0.00734	0.00146	0.037	0.0236	0.00000543	22	0.000022	0.00067	0.000278	0.000984
2070 Jun	86	0.0531	0.0235	0.00117	15	0.0391	23.7	0.00092	0.00092	0.00000466	0.00697	0.00147	0.0333	0.0252	0.00000522	22.8	0.0000216	0.00064	0.00032	0.000984
2070 Jul	87.9	0.0536	0.0239	0.00121	15.3	0.0402	24.2	0.000957	0.000957	0.00000485	0.00723	0.00151	0.0341	0.0258	0.00000542	23.3	0.0000223	0.000653	0.000324	0.00101
2070 Aug	89.2	0.0538	0.024	0.00123	15.4	0.0416	24.6	0.000982	0.000982	0.00000498	0.00735	0.00154	0.0347	0.0261	0.00000556	23.6	0.0000224	0.000662	0.000326	0.00103
2070 Sep	87.9	0.056	0.023	0.00121	15.1	0.0423	24.6	0.000969	0.000969	0.00000491	0.00733	0.00151	0.0348	0.0254	0.00000549	23.2	0.0000219	0.000655	0.000312	0.00102
2070 Oct	85.8	0.0584	0.0217	0.00118	14.7	0.0426	24.2	0.000951	0.000951	0.00000482	0.00729	0.00147	0.0343	0.0246	0.00000539	22.5	0.0000214	0.000639	0.000296	0.00101
2070 Nov	86.1	0.0587	0.0217	0.00117	14.7	0.0428	24.5	0.00095	0.00095	0.00000481	0.0073	0.00147	0.0347	0.0245	0.00000539	22.5	0.0000214	0.000644	0.000295	0.00101
2070 Dec	86.1	0.0587	0.0217	0.00117	14.7	0.0429	24.5	0.00095	0.00095	0.00000481	0.0073	0.00148	0.0348	0.0246	0.00000539	22.5	0.0000214	0.000645	0.000295	0.00101
2071 Jan	86.2	0.0587	0.0217	0.00117	14.7	0.0429	24.6	0.00095	0.00095	0.00000481	0.0073	0.00148	0.0348	0.0246	0.0000054	22.5	0.0000214	0.000646	0.000295	0.00101
2071 Feb	86.2	0.0587	0.0217	0.00118	14.7	0.0429	24.6	0.00095	0.00095	0.00000481	0.0073	0.00148	0.0348	0.0246	0.0000054	22.5	0.0000214	0.000646	0.000295	0.00101
2071 Mar	86.2	0.0587	0.0217	0.00118	14.7	0.0429	24.6	0.00095	0.00095	0.00000481	0.0073	0.00148	0.0348	0.0246	0.0000054	22.6	0.0000214	0.000646	0.000295	0.00101
2071 Apr	86.3	0.0588	0.0218	0.00118	14.7	0.043	24.6	0.000951	0.000951	0.00000482	0.00732	0.00148	0.0349	0.0246	0.0000054	22.6	0.0000215	0.000647	0.000295	0.00101
2071 May	87.4	0.0593	0.0222	0.00117	15.1	0.042	24.2	0.000952	0.000952	0.00000482	0.00727	0.0015	0.0341	0.0256	0.00000539	23.3	0.0000215	0.000647	0.000316	0.00102
2071 Jun	83.5	0.0537	0.0225	0.00114	15.2	0.0365	21.3	0.00091	0.00091	0.0000046	0.0068	0.00145	0.0297	0.0258	0.00000509	23	0.0000208	0.000596	0.000336	0.000984
2071 Jul	83.5	0.0527	0.0227	0.00117	15.2	0.0369	21.1	0.000934	0.000934	0.00000472	0.00696	0.00146	0.0298	0.0257	0.00000521	22.9	0.0000213	0.000595	0.000331	0.000989
2071 Aug	85.7	0.0541	0.0232	0.0012	15.6	0.0384	21.7	0.000966	0.000966	0.00000489	0.00716	0.0015	0.0307	0.0263	0.00000538	23.5	0.0000218	0.000611	0.000338	0.00102
2071 Sep	83.3	0.0552	0.0219	0.00117	15.2	0.0389	21.2	0.000953	0.000953	0.00000482	0.00709	0.00147	0.0303	0.0254	0.0000053	22.8	0.0000209	0.000593	0.000319	0.000999
2071 Oct	82.1	0.0567	0.0211	0.00116	14.9	0.0391	21	0.000943	0.000943	0.00000477	0.00707	0.00144	0.03	0.0249	0.00000525	22.4	0.0000206	0.000584	0.000309	0.00099
2071 Nov	81.7	0.058	0.0207	0.00115	14.8	0.0394	21	0.000941	0.000941	0.00000476	0.0071	0.00144	0.03	0.0247	0.00000524	22.2	0.0000205	0.000581	0.000304	0.000989
2071 Dec	81.8	0.0581	0.0207	0.00115	14.8	0.0395	21	0.000941	0.000941	0.00000476	0.0071	0.00144	0.0301	0.0247	0.00000524	22.2	0.0000205	0.000582	0.000304	0.00099
2072 Jan	81.8	0.0581	0.0207	0.00115	14.8	0.0395	21.1	0.000941	0.000941	0.00000476	0.0071	0.00144	0.0302	0.0247	0.00000524	22.3	0.0000205	0.000583	0.000304	0.00099
2072 Feb	81.8	0.0581	0.0207	0.00115	14.8	0.0395	21.1	0.000941	0.000941	0.00000476	0.0071	0.00144	0.0302	0.0247	0.00000524	22.3	0.0000205	0.000583	0.000304	0.00099
2072 Mar	81.9	0.0581	0.0207	0.00115	14.8	0.0396	21.1	0.000942	0.000942	0.00000476	0.0071	0.00144	0.0302	0.0247	0.00000524	22.3	0.0000205	0.000583	0.000304	0.00099
2072 Apr	82.1	0.0582	0.0208	0.00115	14.9	0.0397	21.1	0.000944	0.000944	0.00000477	0.00712	0.00144	0.0303	0.0247	0.00000525	22.3	0.0000206	0.000585	0.000305	0.000993
2072 May	83.2	0.059	0.0211	0.00117	15.1	0.0402	21.4	0.000957	0.000957	0.00000484	0.00722	0.00146	0.0307	0.0251	0.00000533	22.6	0.0000209	0.000593	0.000309	0.00101
2072 Jun	77.3	0.0497	0.0197	0.00115	13.6	0.0376	20	0.000943	0.000943	0.00000476	0.00713	0.00136	0.0295	0.0226	0.00000523	20.5	0.0000211	0.000559	0.000272	0.00093
2072 Jul	76.6	0.0474	0.0196	0.00117	13.3	0.0379	19.9	0.000961	0.000961	0.00000485	0.00721	0.00136	0.0296	0.0222	0.00000532	20.2	0.0000214	0.000556	0.000263	0.000929
2072 Aug	76.2	0.0468	0.0192	0.00117	13.2	0.0394	20.2	0.00096	0.00096	0.00000485	0.00709	0.00135	0.0302	0.0217	0.00000532	19.9	0.0000203	0.000555	0.00025	0.000921
2072 Sep	74.7	0.0478	0.0186	0.00115	13.1	0.04	19.9	0.000951	0.000951	0.0000048	0.00698	0.00133	0.0298	0.0211	0.00000527	19.5	0.0000195	0.000543	0.000238	0.000909
2072 Oct	72.6	0.0512	0.0179	0.00114	13	0.04	19.3	0.000928	0.000928	0.00000469	0.00691	0.00129	0.029	0.0203	0.00000514	18.8	0.0000188	0.000522	0.000224	0.000895
2072 Nov	72.7	0.0519	0.0179	0.00113	13	0.0402	19.4	0.000926	0.000926	0.00000468	0.00692	0.00129	0.0291	0.0203	0.00000513	18.8	0.0000188	0.000523	0.000223	0.000895
2072 Dec	72.8	0.0518	0.0179	0.00113	13	0.0403	19.5	0.000926	0.000926	0.00000468	0.00692	0.00129	0.0292	0.0203	0.00000513	18.8	0.0000188	0.000524	0.000223	0.000896
2073 Jan	72.8	0.0518	0.0179	0.00113	13	0.0403	19.5	0.000926	0.000926	0.00000468	0.00692	0.00129	0.0292	0.0203	0.00000513	18.8	0.0000188	0.000525	0.000223	0.000896
2073 Feb	72.8	0.0518	0.0179	0.00113	13	0.0403	19.5	0.000926	0.000926	0.00000468	0.00692	0.00129	0.0293	0.0203	0.00000513	18.8	0.0000188	0.000525	0.000223	0.000896
2073 Mar	72.8	0.0519	0.0179	0.00113	13	0.0403	19.5	0.000926	0.000926	0.00000468	0.00692	0.00129	0.0293	0.0203	0.00000513	18.8	0.0000188	0.000525	0.000223	0.000896
2073 Apr	73.3	0.0522	0.018	0.00114	13	0.0405	19.6	0.000932	0.000932	0.00000471	0.00696	0.0013	0.0294	0.0204	0.00000516	18.9	0.0000189	0.000528	0.000224	0.000902
2073 May	78.7	0.0532	0.0194	0.00115	13.8	0.0409	21.6	0.000931	0.000931	0.00000471	0.00696	0.00137	0.0315	0.0223	0.00000522	20.5	0.0000197	0.000578	0.000259	0.000939
2073 Jun	82.5	0.0511	0.0211	0.00113	14.6	0.0382	22.2	0.000904	0.000904	0.00000458	0.00672	0.00142	0.0315	0.0244	0.0000051	22.1	0.0000203	0.000606	0.000307	0.000955
2073 Jul	83.3	0.0509	0.0215	0.00116	14.8	0.039	22.4	0.000929	0.000929	0.0000047	0.00686	0.00144	0.0318	0.0246	0.00000523	22.3	0.0000206	0.00061	0.000308	0.000971
2073 Aug	84.8	0.0514	0.0217	0.00119	15	0.0403	22.8	0.000956	0.000956	0.00000484	0.00701	0.00148	0.0325	0.0251	0.00000537	22.6	0.0000208	0.00062	0.000311	0.000995
2073 Sep	83.9	0.0525	0.021	0.00118	14.8	0.0408	22.7	0.000953	0.000953	0.00000482	0.007	0.00146	0.0324	0.0247	0.00000535	22.4	0.0000205	0.000614	0.000303	0.000989
2073 Oct	82.4	0.0549	0.0199	0.00115	14.4	0.0412	22.6	0.000934	0.000934	0.00000473	0.00698	0.00143	0.0324	0.0239	0.00000526	21.8	0.0000201	0.000605	0.000288	0.000976
2073 Nov	82.5	0.0555	0.0197	0.00114	14.3	0.0416	23	0.00093	0.00093	0.00000471	0.00699	0.00143	0.0328	0.0238	0.00000525	21.8	0.0000201	0.00061	0.000285	0.000975
2073 Dec	82.7	0.0555	0.0197	0.00114	14.4	0.0417	23.1	0.000931	0.000931	0.00000471	0.00699	0.00143	0.033	0.0238	0.00000526	21.8	0.0000201	0.000613	0.000286	0.000976
2074 Jan	82.8	0.0555	0.0197	0.00114	14.4	0.0417	23.1	0.00093	0.00093	0.00000471	0.00699	0.00143	0.033	0.0238	0.00000526	21.8	0.0000201	0.000614	0.000286	0.000976
2074 Feb	82.9	0.0555	0.0197	0.00114	14.4	0.0417	23.2	0.00093	0.00093	0.00000471	0.00699	0.00143	0.0331	0.0238	0.00000526	21.9	0.0000201	0.000615	0.000286	0.000976
2074 Mar	82.9	0.0555	0.0197	0.00114	14.4	0.0418	23.2	0.000931	0.000931	0.00000471	0.007	0.00143	0.0331	0.0239	0.00000526	21.9	0.0000201	0.000615	0.000286	0.000976
2074 Apr	83.3	0.0558	0.0198	0.00115	14.4	0.042	23.3	0.000935	0.000935	0.00000474	0.00703	0.00144	0.0333	0.024	0.00000529	22	0.0000202	0.000618	0.000287	0.000981
2074 May	89.5	0.0565	0.0215	0.00116	15.3	0.0423	25.6	0.000931	0.000931	0.00000472	0.007	0.00152	0.0357	0.0261	0.00000533	23.7	0.000021	0.000675	0.000326	0.00102
2074 Jun	90.3	0.0525	0.0233	0.00113	15.8	0.0383	25.4	0.000878	0.000878	0.00000446	0.00653	0.00152	0.0345	0.0272	0.00000506	24.4	0.0000209	0.000679	0.000361	0.001
2074 Jul	92.5	0.0533	0.0238	0.00117	16.2	0.0395	25.8	0.000917	0.000917	0.00000465	0.0068	0.00156	0.0352	0.0278	0.00000526	24.9	0.0000217	0.000693	0.000367	0.00103
2074 Aug	96.5	0.0554	0.0248	0.00123	16.8	0.0415	27	0.000959	0.000959	0.00000486	0.0071	0.00163	0.037	0.029	0.00000551	26	0.0000226	0.000725	0.000381	0.00108
2074 Sep	95	0.0568	0.0235	0.0012	16.4	0.0424	27.1	0.000946	0.000946	0.0000048	0.00707	0.0016	0.0372	0.0281	0.00000545	25.4	0.000022	0.000718	0.000363	0.00106
2074 Oct	94.2	0.0588	0.0225	0.00117	15.9	0.0433	27.7	0.000933	0.000933	0.00000474	0.00709	0.00158	0.038	0.0274	0.0000054	25	0.0000218	0.000721	0.000348	0.00105
2074 Nov	95.8	0.059	0.0225	0.00117	15.9	0.0443	29	0.000928	0.000928	0.00000472	0.00711	0.00159	0.0397	0.0274	0.00000542	25.1	0.0000221	0.000746	0.000347	0.00105
2074 Dec	96.2	0.059	0.0225	0.00116	15.8	0.0446	29.3	0.000927	0.000927	0.00000471	0.00711	0.00159	0.0401	0.0274	0.00000543	25.2	0.0000221	0.000752	0.000347	0.00105
2075 Jan	96.3	0.059	0.0225	0.00116	15.8	0.0446	29.4	0.000927	0.000927	0.00000471	0.00711	0.00159	0.0402	0.0274	0.00000543	25.2	0.0000221	0.000753	0.000347	0.00106
2075 Feb	96.4	0.059	0.0225	0.00117	15.8	0.0446	29.4	0.000927	0.000927	0.00000471	0.00712	0.00159	0.0402	0.0274	0.00000543	25.2	0.0000221	0.000754	0.000347	0.00106
2075 Mar	96.5	0.059	0.0225	0.00117	15.9	0.0447	29.4	0.000928	0.000928	0.00000472	0.00712	0.00159	0.0403	0.0274	0.00000544	25.2	0.0000222	0.000755	0.000347	0.00106
2075 Apr	96.9	0.0593	0.0226	0.00117	15.9	0.0449	29.6	0.000932	0.000932	0.00000474	0.00715	0.0016	0.0405	0.0276	0.00000546	25.3	0.0000223	0.000758	0.000349	0.00106
2075 May	100	0.06	0.023	0.00118	16.2	0.0459	31	0.000941	0.000941	0.00000479	0.00725	0.00164	0.0422	0.0283	0.00000554	26.1	0.0000228	0.00079	0.00036	0.00108
2075 Jun	90.1	0.0468	0.0209	0.00114	13.8	0.0423	28.9	0.000907	0.000907	0.00000461	0.00705	0.00147	0.0403	0.0241	0.00000534	22.5	0.0000228	0.000733	0.000295	0.000958
2075 Jul	87.8	0.0432	0.0207	0.00117	13.4	0.0417	28.1	0.000924	0.000924	0.0000047	0.00714	0.00144	0.0396	0.023	0.0000054	21.6	0.0000231	0.000715	0.000277	0.000938
2075 Aug	89.2	0.0439	0.0209	0.00119	13.6	0.043	28.4	0.000948	0.000948	0.00000482	0.00727	0.00147	0.0403	0.0234	0.00000553	21.9	0.0000233	0.000724	0.00028	0.000959
2075 Sep	89.8	0.0451	0.0208	0.0012	13.7	0.0437	28.7	0.000957	0.000957	0.00000486	0.00735	0.00148	0.0406	0.0235	0.00000558	22.1	0.0000234	0.000729	0.00028	0.000968
2075 Oct	88.9	0.0468	0.0203	0.00119	13.6	0.0439	28.4	0.000952	0.000952	0.00000484	0.00735	0.00147	0.0403	0.0233	0.00000555	21.9	0.0000231	0.00072	0.000274	0.000966
2075 Nov	89.2	0.0474	0.0202	0.00118	13.6	0.0443	28.7	0.000952	0.000952	0.00000484	0.00737	0.00147	0.0407	0.0233	0.00000555	21.9	0.0000232	0.000725	0.000273	0.000968
2075 Dec	89.4	0.0475	0.0202	0.00118	13.6	0.0444	28.8	0.000952	0.000952	0.00000484	0.00738	0.00148	0.0408	0.0233	0.00000556	22	0.0000232	0.000727	0.000273	0.000969

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Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	89.5	0.0475	0.0202	0.00118	13.6	0.0444	28.8	0.000952	0.000952	0.00000484	0.00738	0.00148	0.0409	0.0233	0.00000556	22	0.0000232	0.000728	0.000273	0.000969
2076 Feb	89.5	0.0475	0.0202	0.00118	13.6	0.0444	28.8	0.000952	0.000952	0.00000484	0.00738	0.00148	0.0409	0.0233	0.00000556	22	0.0000232	0.000728	0.000273	0.000969
2076 Mar	89.6	0.0475	0.0202	0.00119	13.6	0.0445	28.9	0.000953	0.000953	0.00000484	0.00739	0.00148	0.0409	0.0233	0.00000557	22	0.0000232	0.000729	0.000273	0.00097
2076 Apr	89.8	0.0476	0.0203	0.00119	13.6	0.0446	29	0.000955	0.000955	0.00000485	0.00741	0.00148	0.0411	0.0234	0.00000558	22.1	0.0000233	0.000731	0.000274	0.000973
2076 May	91.5	0.0491	0.0206	0.00119	14.1	0.0441	28.7	0.000963	0.000963	0.00000489	0.00744	0.00152	0.0405	0.0246	0.00000561	23	0.0000235	0.000735	0.000297	0.000997
2076 Jun	86.5	0.0471	0.0207	0.00112	14.4	0.0377	24.3	0.000916	0.000916	0.00000464	0.00691	0.00147	0.034	0.0255	0.00000522	23	0.0000222	0.000658	0.000329	0.00097
2076 Jul	86.8	0.0466	0.0211	0.00116	14.5	0.0382	24.2	0.00094	0.00094	0.00000476	0.00705	0.00149	0.0341	0.0255	0.00000534	23	0.0000226	0.000658	0.000327	0.00098
2076 Aug	89.7	0.0482	0.0217	0.0012	15	0.04	25	0.000978	0.000978	0.00000495	0.0073	0.00154	0.0353	0.0264	0.00000555	23.8	0.0000232	0.00068	0.000336	0.00102
2076 Sep	90.6	0.0494	0.0216	0.00121	15.1	0.0408	25.4	0.000988	0.000988	0.00000501	0.0074	0.00155	0.0359	0.0265	0.00000561	24	0.0000234	0.000688	0.000336	0.00103
2076 Oct	88.5	0.0515	0.0205	0.00117	14.7	0.0411	25.1	0.000968	0.000968	0.0000049	0.00733	0.00152	0.0355	0.0257	0.0000055	23.4	0.0000227	0.000673	0.00032	0.00101
2076 Nov	88.6	0.052	0.0203	0.00117	14.6	0.0414	25.4	0.000964	0.000964	0.00000488	0.00733	0.00151	0.0359	0.0255	0.00000549	23.3	0.0000227	0.000677	0.000318	0.00101
2076 Dec	88.8	0.052	0.0203	0.00117	14.6	0.0415	25.5	0.000964	0.000964	0.00000489	0.00734	0.00152	0.0361	0.0256	0.0000055	23.3	0.0000228	0.00068	0.000318	0.00101
2077 Jan	88.9	0.052	0.0203	0.00117	14.6	0.0415	25.6	0.000964	0.000964	0.00000488	0.00734	0.00152	0.0361	0.0256	0.0000055	23.3	0.0000228	0.00068	0.000318	0.00101
2077 Feb	88.9	0.052	0.0203	0.00117	14.6	0.0416	25.6	0.000964	0.000964	0.00000489	0.00734	0.00152	0.0361	0.0256	0.0000055	23.4	0.0000228	0.000681	0.000318	0.00101
2077 Mar	88.9	0.0521	0.0203	0.00117	14.6	0.0416	25.6	0.000964	0.000964	0.00000489	0.00734	0.00152	0.0361	0.0256	0.0000055	23.4	0.0000228	0.000681	0.000318	0.00101
2077 Apr	89.2	0.0522	0.0204	0.00117	14.7	0.0417	25.7	0.000967	0.000967	0.0000049	0.00736	0.00152	0.0363	0.0257	0.00000552	23.4	0.0000228	0.000683	0.000319	0.00101
2077 May	90.8	0.053	0.0208	0.00117	15.1	0.0415	25.8	0.00097	0.00097	0.00000492	0.00737	0.00155	0.0363	0.0265	0.00000553	24.1	0.000023	0.000692	0.000335	0.00103
2077 Jun	87	0.0492	0.021	0.00112	15	0.0369	23.5	0.000919	0.000919	0.00000466	0.00689	0.0015	0.0327	0.0265	0.00000521	23.7	0.0000221	0.000648	0.000348	0.000989
2077 Jul	88.3	0.0492	0.0212	0.00116	15.1	0.0378	23.7	0.000957	0.000957	0.00000485	0.00717	0.00153	0.0332	0.0268	0.0000054	24	0.0000229	0.000657	0.00035	0.00101
2077 Aug	91.2	0.0508	0.0217	0.0012	15.6	0.0395	24.5	0.000994	0.000994	0.00000503	0.00741	0.00158	0.0344	0.0277	0.00000561	24.8	0.0000235	0.000679	0.000359	0.00105
2077 Sep	87.1	0.0522	0.0198	0.00115	14.9	0.0399	23.5	0.000964	0.000964	0.00000488	0.00722	0.00151	0.0334	0.0261	0.00000543	23.6	0.0000221	0.000647	0.00033	0.00101
2077 Oct	86.7	0.0541	0.0192	0.00114	14.7	0.0406	23.8	0.000958	0.000958	0.00000485	0.00725	0.0015	0.0338	0.0257	0.00000541	23.3	0.000022	0.000648	0.000321	0.00101
2077 Nov	87.3	0.0542	0.0193	0.00114	14.7	0.0409	24.2	0.000959	0.000959	0.00000486	0.00727	0.00151	0.0343	0.0258	0.00000543	23.4	0.0000221	0.000656	0.000322	0.00101
2077 Dec	87.4	0.0542	0.0193	0.00114	14.7	0.041	24.3	0.000959	0.000959	0.00000486	0.00727	0.00151	0.0344	0.0258	0.00000543	23.5	0.0000221	0.000657	0.000322	0.00101
2078 Jan	87.5	0.0542	0.0193	0.00114	14.7	0.041	24.3	0.000959	0.000959	0.00000486	0.00727	0.00151	0.0345	0.0258	0.00000543	23.5	0.0000221	0.000658	0.000322	0.00101
2078 Feb	87.5	0.0542	0.0193	0.00114	14.7	0.041	24.3	0.000959	0.000959	0.00000486	0.00727	0.00151	0.0345	0.0258	0.00000543	23.5	0.0000221	0.000658	0.000322	0.00101
2078 Mar	87.5	0.0543	0.0193	0.00114	14.7	0.0411	24.3	0.000959	0.000959	0.00000486	0.00727	0.00151	0.0345	0.0258	0.00000543	23.5	0.0000221	0.000658	0.000322	0.00101
2078 Apr	88	0.0546	0.0194	0.00114	14.8	0.0413	24.5	0.000965	0.000965	0.00000489	0.00732	0.00152	0.0347	0.026	0.00000546	23.6	0.0000222	0.000662	0.000324	0.00102
2078 May	91.9	0.0556	0.0208	0.00114	15.7	0.0402	25.1	0.000953	0.000953	0.00000483	0.00718	0.00158	0.0349	0.028	0.00000542	25.2	0.0000225	0.000687	0.000365	0.00105
2078 Jun	89.7	0.0531	0.0221	0.00112	16.1	0.0363	23.2	0.000908	0.000908	0.0000046	0.00672	0.00155	0.0317	0.0285	0.00000513	25.1	0.0000216	0.000652	0.000385	0.00102
2078 Jul	92.5	0.0544	0.0227	0.00116	16.6	0.0378	23.9	0.000949	0.000949	0.00000481	0.00699	0.0016	0.0327	0.0293	0.00000535	25.9	0.0000223	0.000672	0.000395	0.00106
2078 Aug	92.9	0.0542	0.0225	0.00118	16.6	0.039	24.1	0.00097	0.00097	0.00000491	0.00707	0.00162	0.0331	0.0294	0.00000546	26	0.0000223	0.000674	0.000393	0.00108
2078 Sep	93.3	0.0549	0.0222	0.00118	16.5	0.04	24.5	0.000976	0.000976	0.00000494	0.00712	0.00162	0.0338	0.0293	0.00000551	26	0.0000221	0.00068	0.000387	0.00108
2078 Oct	93.2	0.056	0.0216	0.00117	16.3	0.0408	25.1	0.000965	0.000965	0.00000489	0.00712	0.00161	0.0347	0.0288	0.00000547	25.7	0.0000221	0.000688	0.000377	0.00107
2078 Nov	93.6	0.0564	0.0215	0.00116	16.2	0.0412	25.6	0.000963	0.000963	0.00000488	0.00714	0.00161	0.0353	0.0287	0.00000548	25.7	0.0000221	0.000696	0.000375	0.00107
2078 Dec	93.8	0.0564	0.0215	0.00116	16.2	0.0413	25.7	0.000963	0.000963	0.00000488	0.00714	0.00162	0.0354	0.0288	0.00000548	25.8	0.0000221	0.000698	0.000376	0.00107
2079 Jan	93.9	0.0564	0.0215	0.00116	16.2	0.0414	25.7	0.000963	0.000963	0.00000488	0.00714	0.00162	0.0355	0.0288	0.00000548	25.8	0.0000221	0.000699	0.000376	0.00107
2079 Feb	93.9	0.0564	0.0215	0.00116	16.2	0.0414	25.8	0.000963	0.000963	0.00000488	0.00714	0.00162	0.0355	0.0288	0.00000549	25.8	0.0000222	0.000699	0.000376	0.00107
2079 Mar	94	0.0564	0.0215	0.00116	16.2	0.0414	25.8	0.000964	0.000964	0.00000488	0.00715	0.00162	0.0355	0.0288	0.00000549	25.8	0.0000222	0.0007	0.000376	0.00108
2079 Apr	94.3	0.0566	0.0216	0.00117	16.3	0.0415	25.9	0.000967	0.000967	0.0000049	0.00717	0.00162	0.0357	0.0289	0.00000551	25.9	0.0000222	0.000702	0.000377	0.00108
2079 May	95.6	0.0574	0.0218	0.00118	16.5	0.042	26.2	0.000979	0.000979	0.00000496	0.00726	0.00165	0.036	0.0293	0.00000558	26.3	0.0000225	0.000711	0.000384	0.00109
2079 Jun	85.3	0.046	0.02	0.00112	14.4	0.0371	23.4	0.00092	0.00092	0.00000466	0.00685	0.00147	0.0328	0.0256	0.00000521	23	0.0000219	0.000642	0.000331	0.000968
2079 Jul	82.3	0.043	0.0196	0.00113	13.9	0.0365	22.3	0.00093	0.00093	0.00000471	0.00689	0.00143	0.0318	0.0245	0.00000524	22	0.0000219	0.000616	0.000312	0.000947
2079 Aug	84.3	0.0437	0.0199	0.00116	14.2	0.0381	22.9	0.000961	0.000961	0.00000487	0.00708	0.00147	0.0327	0.025	0.00000541	22.5	0.0000223	0.000631	0.000317	0.000976
2079 Sep	82.8	0.0462	0.0189	0.00114	13.9	0.0388	22.7	0.000951	0.000951	0.00000481	0.00706	0.00145	0.0325	0.0244	0.00000535	22	0.0000217	0.00062	0.000303	0.000966
2079 Oct	81.8	0.0486	0.0181	0.00112	13.7	0.0393	22.7	0.00094	0.00094	0.00000476	0.00706	0.00143	0.0325	0.0239	0.0000053	21.7	0.0000214	0.000614	0.000292	0.00096
2079 Nov	81.6	0.0499	0.0177	0.00111	13.6	0.0397	22.8	0.000936	0.000936	0.00000474	0.00707	0.00142	0.0327	0.0237	0.00000528	21.6	0.0000212	0.000613	0.000288	0.000959
2079 Dec	81.5	0.0508	0.0176	0.00111	13.6	0.0401	22.9	0.000934	0.000934	0.00000473	0.00709	0.00142	0.0328	0.0235	0.00000527	21.5	0.0000212	0.000613	0.000284	0.000958
2080 Jan	81.6	0.0508	0.0176	0.00111	13.6	0.0401	23	0.000933	0.000933	0.00000473	0.00709	0.00142	0.0329	0.0235	0.00000527	21.5	0.0000212	0.000614	0.000284	0.000958
2080 Feb	81.6	0.0508	0.0176	0.00111	13.6	0.0401	23	0.000933	0.000933	0.00000473	0.00709	0.00142	0.0329	0.0235	0.00000527	21.5	0.0000212	0.000615	0.000284	0.000959
2080 Mar	81.6	0.0508	0.0176	0.00111	13.6	0.0401	23	0.000933	0.000933	0.00000473	0.00709	0.00142	0.0329	0.0235	0.00000527	21.5	0.0000212	0.000615	0.000284	0.000959
2080 Apr	81.8	0.051	0.0176	0.00111	13.6	0.0402	23	0.000936	0.000936	0.00000474	0.0071	0.00142	0.033	0.0236	0.00000528	21.5	0.0000212	0.000616	0.000285	0.000961
2080 May	83	0.0517	0.0179	0.00113	13.8	0.0408	23.4	0.000949	0.000949	0.0000048	0.0072	0.00144	0.0335	0.0239	0.00000536	21.9	0.0000215	0.000625	0.000289	0.000975
2080 Jun	76.3	0.0433	0.017	0.00111	12.5	0.0377	21.3	0.00093	0.00093	0.00000471	0.00707	0.00133	0.0313	0.0214	0.00000522	19.6	0.0000215	0.000578	0.000252	0.000896
2080 Jul	73.6	0.0395	0.0168	0.00113	12	0.037	20.4	0.000937	0.000937	0.00000474	0.00705	0.0013	0.0304	0.0204	0.00000523	18.7	0.0000214	0.000555	0.000235	0.000874
2080 Aug	74.2	0.0396	0.0167	0.00114	12.1	0.0382	20.5	0.000957	0.000957	0.00000484	0.00712	0.00132	0.0307	0.0206	0.00000533	18.9	0.0000213	0.000558	0.000235	0.000891
2080 Sep	73.4	0.041	0.016	0.00113	12	0.0388	20.3	0.000953	0.000953	0.00000482	0.00707	0.00131	0.0306	0.0203	0.0000053	18.7	0.0000207	0.000551	0.000228	0.000887
2080 Oct	73.3	0.0434	0.0156	0.00111	12	0.0394	20.5	0.000946	0.000946	0.00000478	0.00709	0.0013	0.0308	0.0201	0.00000527	18.7	0.0000205	0.000551	0.000223	0.000888
2080 Nov	73.1	0.0449	0.0152	0.0011	11.9	0.0398	20.6	0.000941	0.000941	0.00000476	0.0071	0.0013	0.0309	0.02	0.00000525	18.6	0.0000204	0.000551	0.00022	0.000888
2080 Dec	73.4	0.045	0.0152	0.0011	11.9	0.0399	20.8	0.000941	0.000941	0.00000476	0.0071	0.0013	0.0311	0.02	0.00000525	18.6	0.0000204	0.000554	0.00022	0.000889
2081 Jan	73.4	0.045	0.0152	0.0011	11.9	0.0399	20.8	0.000941	0.000941	0.00000476	0.00711	0.0013	0.0311	0.02	0.00000526	18.6	0.0000204	0.000555	0.00022	0.000889
2081 Feb	73.4	0.045	0.0152	0.0011	11.9	0.0399	20.8	0.000941	0.000941	0.00000476	0.00711	0.0013	0.0312	0.02	0.00000526	18.6	0.0000204	0.000555	0.00022	0.000889
2081 Mar	73.5	0.045	0.0152	0.0011	11.9	0.04	20.9	0.000941	0.000941	0.00000476	0.00711	0.0013	0.0312	0.02	0.00000526	18.7	0.0000204	0.000555	0.00022	0.000889
2081 Apr	73.7	0.0452	0.0153	0.00111	12	0.0401	20.9	0.000944	0.000944	0.00000477	0.00713	0.00131	0.0313	0.0201	0.00000527	18.7	0.0000205	0.000557	0.000221	0.000893
2081 May	77.7	0.0475	0.0167	0.00111	13.1	0.0391	21.1	0.000947	0.000947	0.00000479	0.0071	0.00138	0.0309	0.0225	0.00000529	20.5	0.0000209	0.000576	0.000266	0.000936
2081 Jun	78.9	0.0475	0.0184	0.00111	13.9	0.0363	20.2	0.000924	0.000924	0.00000467	0.00683	0.0014	0.029	0.0241	0.00000513	21.5	0.0000207	0.000569	0.000303	0.000945
2081 Jul	82.4	0.0493	0.0193	0.00116	14.5	0.038	21.1	0.00097	0.00097	0.0000049	0.00717	0.00146	0.0304	0.0251	0.00000539	22.4	0.0000217	0.000594	0.000315	0.000988
2081 Aug	86.1	0.0514	0.02	0.00122	15.2	0.04	22.1	0.00102	0.00102	0.00000513	0.00749	0.00153	0.0319	0.0262	0.00000564	23.4	0.0000226	0.000622	0.000328	0.00103
2081 Sep	85.5	0.0524	0.0194	0.00121	15	0.0407	22.1	0.00101	0.00101	0.00000512	0.00748	0.00152	0.032	0.0258	0.00000563	23.2	0.0000222	0.000619	0.000319	0.00103
2081 Oct	85.7	0.0535	0.0191	0.0012	14.9	0.0413	22.5	0.00101	0.00101	0.00000511	0.0075	0.00152	0.0325	0.0257	0.00000563	23.2	0.0000221	0.000623	0.000315	0.00103
2081 Nov	84.9	0.0547	0.0185	0.00118	14.7	0.0416	22.6	0.000997	0.000997	0.00000504	0.00746	0.0015	0.0326	0.0252	0.00000557	22.9	0.0000219	0.000621	0.000307	0.00102
2081 Dec	84.9	0.0551	0.0184	0.00118	14.7	0.0417	22.7	0.000996	0.000996	0.00000504	0.00747	0.0015	0.0327	0.0252	0.00000556	22.8	0.0000219	0.000621	0.000306	0.00102
2082 Jan	84.9	0.0551	0.0184	0.00118	14.7	0.0417	22.7	0.000996	0.000996	0.00000504	0.00747	0.0015	0.0328	0.0252	0.00000556	22.8	0.0000219	0.000622	0.000306	0.00102
2082 Feb	85	0.0551	0.0184	0.00118	14.7	0.0418	22.7	0.000996	0.000996	0.00000504	0.00747	0.0015	0.0328	0.0252	0.00000557	22.8	0.0000219	0.000622	0.000306	0.00102
2082 Mar	85	0.0551	0.0184	0.00118	14.7	0.0418	22.8	0.000996	0.000996	0.00000504	0.00747	0.0015	0.0329	0.0252	0.00000557	22.8	0.0000219	0.000623	0.000306	0.00102
2082 Apr	85.2	0.0552	0.0184	0.00118	14.7	0.0419	22.8	0.000999	0.000999	0.00000505	0.00749	0.0015	0.0329	0.0252	0.00000558	22.9	0.0000219	0.000625	0.000307	0.00102
2082 May	86.3	0.0559	0.0187	0.00119	14.9	0.0424	23.1	0.00101	0.00101	0.00000511	0.00759	0.00152	0.0334	0.0256	0.00000565	23.2	0.0000222	0.000633	0.000311	0.00104

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	78.5	0.0424	0.017	0.00113	12.5	0.039	22.7	0.000946	0.000946	0.00000479	0.00721	0.00136	0.0333	0.0216	0.00000534	19.9	0.0000222	0.000608	0.000252	0.000906
2082 Jul	73.7	0.0362	0.0167	0.00113	11.6	0.0371	21.3	0.000933	0.000933	0.00000472	0.00707	0.00128	0.0318	0.0196	0.00000525	18.2	0.0000219	0.000572	0.000223	0.000853
2082 Aug	75.4	0.0373	0.017	0.00117	11.9	0.0385	21.7	0.000964	0.000964	0.00000488	0.00725	0.00132	0.0325	0.0201	0.00000541	18.7	0.0000222	0.000582	0.000227	0.000878
2082 Sep	75.6	0.0387	0.0168	0.00117	12	0.0391	21.6	0.000972	0.000972	0.00000492	0.0073	0.00133	0.0325	0.0202	0.00000544	18.8	0.0000221	0.000582	0.000226	0.000886
2082 Oct	73.7	0.0417	0.0157	0.00113	11.7	0.0392	21.3	0.000945	0.000945	0.00000478	0.00719	0.00129	0.0319	0.0196	0.0000053	18.4	0.0000214	0.000567	0.000216	0.000872
2082 Nov	74.3	0.042	0.0157	0.00113	11.7	0.0396	21.7	0.000945	0.000945	0.00000478	0.00721	0.0013	0.0324	0.0197	0.00000531	18.4	0.0000214	0.000574	0.000216	0.000875
2082 Dec	74.4	0.042	0.0157	0.00113	11.7	0.0396	21.8	0.000945	0.000945	0.00000478	0.00721	0.0013	0.0325	0.0197	0.00000531	18.5	0.0000215	0.000576	0.000216	0.000875
2083 Jan	74.4	0.042	0.0157	0.00113	11.7	0.0396	21.8	0.000945	0.000945	0.00000478	0.00721	0.0013	0.0326	0.0197	0.00000531	18.5	0.0000215	0.000576	0.000216	0.000876
2083 Feb	74.5	0.042	0.0157	0.00113	11.7	0.0397	21.8	0.000945	0.000945	0.00000479	0.00722	0.0013	0.0326	0.0197	0.00000532	18.5	0.0000215	0.000576	0.000216	0.000876
2083 Mar	74.5	0.042	0.0157	0.00113	11.7	0.0397	21.8	0.000946	0.000946	0.00000479	0.00722	0.0013	0.0326	0.0197	0.00000532	18.5	0.0000215	0.000577	0.000216	0.000876
2083 Apr	74.8	0.0422	0.0157	0.00113	11.8	0.0398	21.9	0.000949	0.000949	0.00000481	0.00725	0.0013	0.0327	0.0198	0.00000534	18.5	0.0000216	0.000579	0.000217	0.00088
2083 May	79.6	0.0443	0.0167	0.00113	12.6	0.0401	23.2	0.000953	0.000953	0.00000482	0.00726	0.00138	0.034	0.0218	0.00000539	20.2	0.0000221	0.000617	0.000254	0.000921
2083 Jun	81.7	0.0443	0.0188	0.0011	13.7	0.0363	22.5	0.000903	0.000903	0.00000457	0.00677	0.00141	0.0319	0.0241	0.00000511	21.7	0.0000216	0.000616	0.000308	0.000932
2083 Jul	82	0.0436	0.019	0.00113	13.8	0.0369	22.5	0.000926	0.000926	0.00000469	0.00691	0.00142	0.0321	0.0241	0.00000522	21.7	0.0000218	0.000617	0.000305	0.000942
2083 Aug	81.7	0.0426	0.0185	0.00114	13.7	0.0383	22.6	0.000944	0.000944	0.00000478	0.00691	0.00144	0.0323	0.024	0.00000531	21.6	0.0000214	0.000614	0.000298	0.000955
2083 Sep	80.9	0.0452	0.0177	0.00112	13.5	0.0391	22.6	0.000937	0.000937	0.00000474	0.00693	0.00142	0.0324	0.0235	0.00000528	21.4	0.000021	0.000609	0.000288	0.000951
2083 Oct	78.9	0.0493	0.0168	0.00109	13.2	0.0397	22.3	0.000916	0.000916	0.00000464	0.0069	0.00138	0.032	0.0226	0.00000517	20.7	0.0000203	0.000592	0.000269	0.000937
2083 Nov	78.8	0.0503	0.0166	0.00109	13.1	0.0401	22.5	0.00091	0.00091	0.00000461	0.0069	0.00137	0.0323	0.0224	0.00000514	20.5	0.0000202	0.000593	0.000265	0.000934
2083 Dec	79	0.0503	0.0166	0.00109	13.1	0.0402	22.6	0.00091	0.00091	0.00000461	0.0069	0.00137	0.0324	0.0224	0.00000515	20.6	0.0000203	0.000596	0.000265	0.000935
2084 Jan	79	0.0503	0.0166	0.00109	13.1	0.0402	22.6	0.00091	0.00091	0.00000461	0.0069	0.00137	0.0324	0.0224	0.00000515	20.6	0.0000203	0.000596	0.000265	0.000935
2084 Feb	79	0.0503	0.0166	0.00109	13.2	0.0402	22.7	0.00091	0.00091	0.00000461	0.0069	0.00137	0.0325	0.0224	0.00000515	20.6	0.0000203	0.000596	0.000265	0.000935
2084 Mar	79.1	0.0504	0.0167	0.00109	13.2	0.0402	22.7	0.000911	0.000911	0.00000461	0.00691	0.00137	0.0325	0.0224	0.00000515	20.6	0.0000203	0.000597	0.000265	0.000936
2084 Apr	79.5	0.0506	0.0167	0.0011	13.2	0.0404	22.8	0.000916	0.000916	0.00000464	0.00695	0.00138	0.0327	0.0225	0.00000518	20.7	0.0000204	0.0006	0.000266	0.000941
2084 May	83.7	0.0525	0.018	0.0011	14.2	0.0398	23.3	0.000923	0.000923	0.00000467	0.00695	0.00145	0.0328	0.0248	0.00000522	22.4	0.0000209	0.000625	0.000309	0.000983
2084 Jun	82.8	0.0502	0.0197	0.00109	14.8	0.0357	21.6	0.000884	0.000884	0.00000447	0.00654	0.00144	0.0299	0.0257	0.00000497	22.8	0.0000204	0.0006	0.000338	0.000967
2084 Jul	84.2	0.0505	0.0201	0.00113	15	0.0367	21.9	0.000915	0.000915	0.00000463	0.00675	0.00147	0.0305	0.0261	0.00000514	23.2	0.0000209	0.000609	0.000341	0.000989
2084 Aug	85.9	0.0514	0.0203	0.00115	15.3	0.0381	22.4	0.000942	0.000942	0.00000477	0.00691	0.00151	0.0312	0.0266	0.00000528	23.6	0.0000212	0.000621	0.000345	0.00101
2084 Sep	85.1	0.052	0.0197	0.00114	15.1	0.0387	22.3	0.000939	0.000939	0.00000475	0.00689	0.00149	0.0313	0.0261	0.00000527	23.3	0.0000208	0.000617	0.000335	0.00101
2084 Oct	83.9	0.0542	0.0186	0.00111	14.8	0.0394	22.4	0.000926	0.000926	0.00000469	0.00689	0.00147	0.0316	0.0254	0.00000521	22.9	0.0000205	0.000612	0.00032	0.000995
2084 Nov	83.8	0.055	0.0183	0.00111	14.6	0.0398	22.7	0.000922	0.000922	0.00000467	0.0069	0.00146	0.0319	0.0252	0.00000519	22.8	0.0000204	0.000615	0.000316	0.000993
2084 Dec	84	0.055	0.0183	0.00111	14.6	0.0399	22.8	0.000922	0.000922	0.00000467	0.00691	0.00146	0.0321	0.0253	0.0000052	22.8	0.0000204	0.000617	0.000316	0.000994
2085 Jan	84.1	0.055	0.0183	0.00111	14.6	0.0399	22.9	0.000922	0.000922	0.00000467	0.00691	0.00146	0.0321	0.0253	0.0000052	22.8	0.0000205	0.000618	0.000316	0.000994
2085 Feb	84.1	0.055	0.0183	0.00111	14.6	0.0399	22.9	0.000922	0.000922	0.00000467	0.00691	0.00146	0.0321	0.0253	0.0000052	22.8	0.0000205	0.000618	0.000316	0.000994
2085 Mar	84.1	0.0551	0.0183	0.00111	14.6	0.0399	22.9	0.000922	0.000922	0.00000467	0.00691	0.00147	0.0322	0.0253	0.0000052	22.8	0.0000205	0.000618	0.000316	0.000994
2085 Apr	84.4	0.0552	0.0183	0.00111	14.7	0.0401	22.9	0.000925	0.000925	0.00000468	0.00693	0.00147	0.0323	0.0253	0.00000522	22.9	0.0000205	0.00062	0.000317	0.000997
2085 May	87.3	0.0564	0.019	0.00111	15.3	0.0395	23.3	0.00093	0.00093	0.00000471	0.00695	0.00152	0.0323	0.027	0.00000525	24.2	0.000021	0.000638	0.000348	0.00103
2085 Jun	88.4	0.0557	0.0199	0.0011	15.8	0.0377	22.8	0.000922	0.000922	0.00000467	0.00683	0.00154	0.0314	0.0281	0.00000519	24.9	0.0000211	0.000639	0.000373	0.00104
2085 Jul	90.8	0.0565	0.0203	0.00114	16.1	0.0392	23.5	0.000957	0.000957	0.00000485	0.00706	0.00159	0.0324	0.0288	0.00000538	25.5	0.0000217	0.000656	0.000381	0.00107
2085 Aug	90.5	0.0557	0.0198	0.00114	15.9	0.0403	23.7	0.000965	0.000965	0.00000489	0.00705	0.00159	0.0328	0.0285	0.00000543	25.3	0.0000214	0.000656	0.000372	0.00107
2085 Sep	89.3	0.0566	0.0186	0.00111	15.4	0.0414	24.2	0.000949	0.000949	0.00000481	0.007	0.00156	0.0337	0.0275	0.00000537	24.7	0.0000208	0.000658	0.000351	0.00105
2085 Oct	88.7	0.0582	0.0178	0.00109	15	0.0423	24.9	0.000934	0.000934	0.00000473	0.007	0.00154	0.0346	0.0268	0.00000532	24.2	0.0000206	0.000663	0.000337	0.00104
2085 Nov	88.7	0.0589	0.0176	0.00108	14.9	0.0428	25.4	0.000925	0.000925	0.00000469	0.00699	0.00153	0.0353	0.0264	0.00000529	24	0.0000206	0.000669	0.000329	0.00103
2085 Dec	88.9	0.0589	0.0176	0.00108	14.9	0.0429	25.5	0.000925	0.000925	0.00000469	0.00699	0.00153	0.0354	0.0264	0.00000529	24	0.0000206	0.000671	0.000329	0.00103
2086 Jan	88.9	0.0589	0.0177	0.00109	14.9	0.043	25.6	0.000925	0.000925	0.00000469	0.00699	0.00153	0.0355	0.0264	0.00000529	24	0.0000206	0.000672	0.000329	0.00103
2086 Feb	89	0.0589	0.0177	0.00109	14.9	0.043	25.6	0.000925	0.000925	0.00000469	0.00699	0.00153	0.0355	0.0264	0.0000053	24	0.0000206	0.000672	0.000329	0.00103
2086 Mar	89	0.0589	0.0177	0.00109	14.9	0.043	25.6	0.000925	0.000925	0.00000469	0.00699	0.00153	0.0355	0.0264	0.0000053	24	0.0000206	0.000673	0.000329	0.00103
2086 Apr	89.4	0.0592	0.0177	0.00109	15	0.0432	25.7	0.000929	0.000929	0.00000471	0.00702	0.00154	0.0357	0.0265	0.00000532	24.1	0.0000207	0.000675	0.000331	0.00104
2086 May	91.3	0.06	0.0181	0.0011	15.3	0.0435	26.2	0.00094	0.00094	0.00000477	0.0071	0.00157	0.0362	0.0273	0.00000539	24.8	0.0000211	0.00069	0.000344	0.00106
2086 Jun	87.7	0.0522	0.0193	0.00109	14.9	0.0389	24.6	0.000899	0.000899	0.00000456	0.00674	0.0015	0.0339	0.0264	0.00000514	23.8	0.0000211	0.00066	0.000342	0.000996
2086 Jul	87.4	0.0504	0.0197	0.00114	14.9	0.0393	24.4	0.000928	0.000928	0.0000047	0.00692	0.0015	0.034	0.026	0.00000528	23.5	0.0000216	0.000657	0.000334	0.001
2086 Aug	88.2	0.0503	0.0195	0.00115	14.9	0.0408	24.8	0.000948	0.000948	0.0000048	0.007	0.00152	0.0347	0.0261	0.00000539	23.6	0.0000215	0.000665	0.000331	0.00101
2086 Sep	86.8	0.0509	0.0184	0.00113	14.5	0.0417	24.8	0.000939	0.000939	0.00000476	0.00694	0.0015	0.0349	0.0254	0.00000535	23.1	0.0000208	0.000658	0.000315	0.001
2086 Oct	87	0.0522	0.018	0.00112	14.4	0.0424	25.2	0.000937	0.000937	0.00000475	0.00698	0.0015	0.0355	0.0252	0.00000535	23	0.0000208	0.000664	0.00031	0.001
2086 Nov	87.4	0.0524	0.018	0.00112	14.4	0.0426	25.5	0.000938	0.000938	0.00000476	0.007	0.0015	0.0358	0.0253	0.00000537	23.1	0.0000209	0.000669	0.000311	0.001
2086 Dec	87.6	0.0524	0.018	0.00112	14.4	0.0426	25.6	0.000938	0.000938	0.00000476	0.007	0.0015	0.036	0.0253	0.00000537	23.1	0.0000209	0.000671	0.000311	0.001
2087 Jan	87.6	0.0524	0.018	0.00112	14.4	0.0427	25.6	0.000938	0.000938	0.00000476	0.007	0.0015	0.036	0.0253	0.00000537	23.1	0.0000209	0.000671	0.000311	0.001
2087 Feb	87.6	0.0524	0.018	0.00112	14.4	0.0427	25.6	0.000939	0.000939	0.00000476	0.00701	0.0015	0.036	0.0253	0.00000537	23.2	0.0000209	0.000671	0.000311	0.001
2087 Mar	87.7	0.0524	0.0181	0.00112	14.4	0.0427	25.6	0.000939	0.000939	0.00000476	0.00701	0.00151	0.036	0.0253	0.00000538	23.2	0.000021	0.000672	0.000311	0.001
2087 Apr	87.9	0.0525	0.0181	0.00112	14.5	0.0428	25.7	0.000941	0.000941	0.00000477	0.00703	0.00151	0.0361	0.0254	0.00000539	23.2	0.000021	0.000673	0.000312	0.00101
2087 May	89.4	0.0532	0.0186	0.00113	14.9	0.0424	25.8	0.000942	0.000942	0.00000478	0.00702	0.00154	0.0361	0.0262	0.0000054	23.9	0.0000212	0.000682	0.000328	0.00102
2087 Jun	89.2	0.0517	0.0199	0.00111	15.3	0.0391	24.6	0.000917	0.000917	0.00000465	0.00677	0.00153	0.0339	0.0272	0.00000523	24.4	0.0000212	0.000667	0.000356	0.00102
2087 Jul	89.8	0.0513	0.0199	0.00114	15.4	0.04	24.6	0.000944	0.000944	0.00000478	0.00693	0.00156	0.0341	0.0274	0.00000536	24.5	0.0000215	0.000669	0.000356	0.00103
2087 Aug	92.2	0.0524	0.0203	0.00117	15.8	0.0416	25.4	0.000977	0.000977	0.00000495	0.00713	0.00161	0.0352	0.0281	0.00000555	25.2	0.0000219	0.000687	0.000363	0.00107
2087 Sep	93.3	0.0541	0.0202	0.00118	15.9	0.0426	25.9	0.000989	0.000989	0.00000501	0.00725	0.00162	0.036	0.0283	0.00000562	25.4	0.0000222	0.000697	0.000363	0.00108
2087 Oct	92.8	0.0554	0.0196	0.00117	15.7	0.0431	26	0.000981	0.000981	0.00000497	0.00726	0.00161	0.0362	0.0279	0.00000559	25.1	0.000022	0.000697	0.000355	0.00107
2087 Nov	92.6	0.0559	0.0194	0.00116	15.6	0.0433	26.1	0.000978	0.000978	0.00000496	0.00726	0.0016	0.0364	0.0277	0.00000558	25.1	0.000022	0.000697	0.000351	0.00107
2087 Dec	92.8	0.0558	0.0194	0.00116	15.6	0.0434	26.3	0.000978	0.000978	0.00000496	0.00727	0.0016	0.0366	0.0277	0.00000558	25.1	0.000022	0.0007	0.000352	0.00107
2088 Jan	92.9	0.0558	0.0194	0.00116	15.6	0.0434	26.3	0.000978	0.000978	0.00000496	0.00727	0.00161	0.0366	0.0278	0.00000558	25.1	0.000022	0.000701	0.000352	0.00107
2088 Feb	92.9	0.0559	0.0194	0.00116	15.6	0.0434	26.3	0.000978	0.000978	0.00000496	0.00727	0.00161	0.0366	0.0278	0.00000558	25.1	0.000022	0.000701	0.000352	0.00107
2088 Mar	93	0.0559	0.0194	0.00116	15.6	0.0435	26.4	0.000979	0.000979	0.00000496	0.00727	0.00161	0.0367	0.0278	0.00000559	25.1	0.000022	0.000702	0.000352	0.00107
2088 Apr	93.7	0.0563	0.0196	0.00117	15.7	0.0438	26.6	0.000986	0.000986	0.000005	0.00733	0.00162	0.0369	0.028	0.00000563	25.3	0.0000222	0.000707	0.000355	0.00108
2088 May	95.4	0.0574	0.0199	0.00119	16	0.0445	27	0.001	0.001	0.00000509	0.00745	0.00165	0.0375	0.0286	0.00000572	25.8	0.0000226	0.000724	0.000363	0.0011
2088 Jun	87.5	0.0483	0.0178	0.00114	14.1	0.041	24.9	0.000973	0.000973	0.00000493	0.0073	0.00152	0.0354	0.0256	0.00000552	23.3	0.0000226	0.00067	0.000319	0.00101
2088 Jul	88.1	0.0472	0.0179	0.00117	14.1	0.0416	25.1	0.001	0.001	0.00000509	0.00754	0.00154	0.0359	0.0255	0.00000569	23.2	0.0000234	0.000676	0.000315	0.00102
2088 Aug	92.5	0.0494	0.0187	0.00123	14.8	0.044	26.4	0.00106	0.00106	0.00000535	0.00791	0.00161	0.0378	0.0268	0.00000598	24.4	0.0000245	0.00071	0.000329	0.00107
2088 Sep	93.5	0.0505	0.0187	0.00124	14.9	0.0449	26.9	0.00107	0.00107	0.0000054	0.008	0.00163	0.0385	0.0269	0.00000605	24.6	0.0000246	0.000721	0.000329	0.00108
2088 Oct	90.2	0.0533	0.0172	0.00118	14.3	0.0448	26.2	0.00103	0.00103	0.00000521	0.00784	0.00157	0.0376	0.0257	0.00000584	23.6	0.0000236	0.000695	0.000308	0.00105

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	89.9	0.0541	0.0169	0.00117	14.2	0.045	26.4	0.00102	0.00102	0.00000518	0.00783	0.00156	0.0378	0.0255	0.00000582	23.5	0.0000235	0.000696	0.000304	0.00105
2088 Dec	90.1	0.0541	0.0169	0.00117	14.2	0.0451	26.5	0.00102	0.00102	0.00000519	0.00783	0.00156	0.038	0.0255	0.00000582	23.5	0.0000235	0.000698	0.000304	0.00105
2089 Jan	90.1	0.0541	0.0169	0.00117	14.2	0.0451	26.5	0.00102	0.00102	0.00000519	0.00783	0.00156	0.038	0.0255	0.00000582	23.5	0.0000235	0.000698	0.000304	0.00105
2089 Feb	90.1	0.0541	0.0169	0.00117	14.2	0.0451	26.5	0.00102	0.00102	0.00000519	0.00783	0.00156	0.038	0.0255	0.00000582	23.5	0.0000236	0.000698	0.000304	0.00105
2089 Mar	90.2	0.0541	0.0169	0.00117	14.2	0.0452	26.5	0.00102	0.00102	0.00000519	0.00784	0.00156	0.038	0.0255	0.00000583	23.5	0.0000236	0.000699	0.000304	0.00105
2089 Apr	90.7	0.0544	0.017	0.00118	14.3	0.0454	26.6	0.00103	0.00103	0.00000522	0.00788	0.00157	0.0382	0.0256	0.00000586	23.7	0.0000237	0.000703	0.000306	0.00105
2089 May	92.3	0.0554	0.0177	0.00118	14.8	0.0445	26.5	0.00103	0.00103	0.00000521	0.00783	0.0016	0.0377	0.0268	0.00000584	24.5	0.0000238	0.000707	0.000329	0.00107
2089 Jun	91.8	0.0548	0.019	0.00116	15.5	0.0408	24.6	0.000998	0.000998	0.00000505	0.0075	0.00161	0.0346	0.0282	0.00000563	25.3	0.0000233	0.000682	0.000365	0.00107
2089 Jul	93	0.0545	0.0191	0.00118	15.6	0.0421	25	0.00103	0.00103	0.00000519	0.00765	0.00164	0.0353	0.0285	0.00000578	25.6	0.0000236	0.000691	0.000366	0.00109
2089 Aug	95.1	0.0548	0.0192	0.00121	15.8	0.0438	26	0.00105	0.00105	0.00000534	0.0078	0.00168	0.0366	0.029	0.00000594	26	0.0000239	0.00071	0.000369	0.00112
2089 Sep	95.5	0.0561	0.0188	0.0012	15.7	0.0448	26.6	0.00105	0.00105	0.00000533	0.00784	0.00168	0.0374	0.0288	0.00000596	26	0.0000239	0.000719	0.000363	0.00112
2089 Oct	93.1	0.0585	0.0171	0.00115	15	0.0454	26.9	0.00101	0.00101	0.00000513	0.00771	0.00162	0.0378	0.0274	0.00000577	25	0.0000231	0.000711	0.000337	0.00109
2089 Nov	93.3	0.059	0.017	0.00114	14.9	0.0458	27.2	0.00101	0.00101	0.00000513	0.00772	0.00162	0.0382	0.0273	0.00000577	25	0.0000231	0.000716	0.000335	0.00109
2089 Dec	93.5	0.059	0.017	0.00114	14.9	0.0458	27.3	0.00101	0.00101	0.00000513	0.00773	0.00162	0.0384	0.0273	0.00000578	25	0.0000231	0.000718	0.000335	0.00109
2090 Jan	93.5	0.059	0.017	0.00114	14.9	0.0459	27.3	0.00101	0.00101	0.00000513	0.00773	0.00162	0.0384	0.0273	0.00000578	25	0.0000231	0.000719	0.000335	0.00109
2090 Feb	93.6	0.059	0.017	0.00115	14.9	0.0459	27.3	0.00101	0.00101	0.00000513	0.00773	0.00162	0.0384	0.0273	0.00000578	25	0.0000231	0.000719	0.000335	0.00109
2090 Mar	93.6	0.0591	0.017	0.00115	15	0.0459	27.4	0.00101	0.00101	0.00000513	0.00774	0.00162	0.0385	0.0274	0.00000579	25	0.0000232	0.00072	0.000336	0.00109
2090 Apr	93.9	0.0593	0.0171	0.00115	15	0.0461	27.5	0.00102	0.00102	0.00000515	0.00776	0.00163	0.0386	0.0274	0.0000058	25.1	0.0000232	0.000722	0.000337	0.00109
2090 May	95.6	0.0598	0.0173	0.00116	15.2	0.0466	28.1	0.00102	0.00102	0.00000519	0.00783	0.00165	0.0394	0.0279	0.00000586	25.5	0.0000235	0.000738	0.000344	0.00111
2090 Jun	95.9	0.0522	0.0192	0.00113	15	0.0433	29.5	0.000944	0.000944	0.0000048	0.00724	0.0016	0.0405	0.0274	0.00000552	25.1	0.0000234	0.000763	0.000351	0.00105
2090 Jul	95.5	0.0512	0.0193	0.00116	14.9	0.0436	29.1	0.000971	0.000971	0.00000493	0.00741	0.00161	0.0402	0.0273	0.00000564	25	0.0000238	0.000756	0.000346	0.00105
2090 Aug	91.5	0.0487	0.0179	0.00113	14.3	0.0441	28	0.000956	0.000956	0.00000486	0.00714	0.00156	0.0392	0.0258	0.00000554	23.8	0.000022	0.000723	0.000318	0.00102
2090 Sep	90	0.0504	0.0174	0.00112	14	0.0448	28	0.000941	0.000941	0.00000478	0.00707	0.00152	0.0393	0.025	0.00000547	23.2	0.0000214	0.000714	0.000301	0.001
2090 Oct	87	0.054	0.0169	0.00111	13.8	0.0449	27.2	0.000917	0.000917	0.00000466	0.007	0.00146	0.0383	0.0237	0.00000532	22.2	0.0000206	0.000687	0.000279	0.000982
2090 Nov	85.9	0.055	0.0167	0.0011	13.7	0.0448	26.9	0.000907	0.000907	0.00000461	0.00696	0.00144	0.0378	0.0233	0.00000527	21.8	0.0000203	0.000676	0.000271	0.000972
2090 Dec	86	0.055	0.0167	0.0011	13.7	0.0449	27	0.000907	0.000907	0.00000461	0.00697	0.00144	0.038	0.0233	0.00000527	21.8	0.0000203	0.000679	0.000271	0.000973
2091 Jan	86.1	0.055	0.0167	0.0011	13.7	0.0449	27.1	0.000907	0.000907	0.00000461	0.00697	0.00144	0.0381	0.0233	0.00000527	21.8	0.0000203	0.00068	0.000271	0.000973
2091 Feb	86.1	0.055	0.0167	0.0011	13.7	0.0449	27.1	0.000907	0.000907	0.00000461	0.00697	0.00145	0.0381	0.0233	0.00000527	21.8	0.0000203	0.00068	0.000271	0.000973
2091 Mar	86.3	0.055	0.0168	0.0011	13.7	0.045	27.1	0.000908	0.000908	0.00000461	0.00698	0.00145	0.0381	0.0233	0.00000528	21.9	0.0000204	0.000681	0.000272	0.000974
2091 Apr	86.7	0.0553	0.0169	0.00111	13.8	0.0452	27.3	0.000913	0.000913	0.00000464	0.00702	0.00146	0.0384	0.0235	0.00000531	22	0.0000205	0.000685	0.000273	0.00098
2091 May	88.6	0.0564	0.0174	0.00112	14.2	0.0452	27.4	0.000925	0.000925	0.0000047	0.00708	0.00149	0.0383	0.0245	0.00000537	22.8	0.0000208	0.000694	0.000291	0.001
2091 Jun	87.7	0.0539	0.0195	0.00111	15.1	0.0399	24.7	0.000902	0.000902	0.00000457	0.00676	0.0015	0.0341	0.0262	0.00000516	23.6	0.0000208	0.000658	0.000335	0.001
2091 Jul	90.7	0.0552	0.0201	0.00116	15.5	0.0415	25.4	0.000947	0.000947	0.0000048	0.00709	0.00155	0.0353	0.027	0.0000054	24.4	0.0000217	0.00068	0.000345	0.00104
2091 Aug	89.3	0.0541	0.0193	0.00115	15.2	0.0423	25.2	0.00095	0.00095	0.00000481	0.00702	0.00154	0.0353	0.0264	0.00000541	24	0.000021	0.000671	0.000331	0.00103
2091 Sep	88.5	0.0541	0.0183	0.00114	14.9	0.0433	25.5	0.000945	0.000945	0.00000479	0.00697	0.00152	0.0358	0.0258	0.0000054	23.6	0.0000204	0.000671	0.000318	0.00102
2091 Oct	87.4	0.0558	0.0176	0.00111	14.5	0.0438	25.7	0.000927	0.000927	0.0000047	0.00693	0.00149	0.0361	0.025	0.00000532	23	0.0000201	0.000668	0.000303	0.001
2091 Nov	86.5	0.0574	0.0172	0.0011	14.3	0.0442	25.9	0.000913	0.000913	0.00000463	0.00692	0.00147	0.0364	0.0244	0.00000526	22.6	0.0000199	0.000665	0.000291	0.000991
2091 Dec	86.6	0.0575	0.0172	0.0011	14.3	0.0443	26	0.000913	0.000913	0.00000463	0.00692	0.00147	0.0365	0.0244	0.00000526	22.6	0.0000199	0.000667	0.000291	0.000992
2092 Jan	86.8	0.0575	0.0172	0.0011	14.3	0.0444	26.1	0.000912	0.000912	0.00000463	0.00692	0.00147	0.0366	0.0244	0.00000526	22.6	0.0000199	0.000668	0.000291	0.000992
2092 Feb	86.8	0.0575	0.0172	0.0011	14.3	0.0444	26.1	0.000912	0.000912	0.00000463	0.00692	0.00147	0.0367	0.0244	0.00000526	22.6	0.0000199	0.000669	0.000291	0.000992
2092 Mar	87	0.0576	0.0172	0.0011	14.3	0.0445	26.2	0.000914	0.000914	0.00000464	0.00694	0.00147	0.0368	0.0244	0.00000527	22.7	0.00002	0.00067	0.000291	0.000994
2092 Apr	87.4	0.0578	0.0173	0.00111	14.4	0.0447	26.3	0.000918	0.000918	0.00000466	0.00697	0.00148	0.0369	0.0246	0.00000529	22.8	0.00002	0.000673	0.000293	0.000999
2092 May	90.3	0.0586	0.018	0.00112	14.9	0.0448	27.1	0.000926	0.000926	0.0000047	0.00702	0.00153	0.0377	0.0257	0.00000536	23.7	0.0000206	0.000696	0.000313	0.00102
2092 Jun	87	0.0512	0.02	0.00109	14.9	0.0383	24.8	0.000866	0.000866	0.00000439	0.00647	0.00147	0.0339	0.0259	0.00000498	23.4	0.0000203	0.000658	0.000337	0.000971
2092 Jul	84.7	0.0484	0.0197	0.00111	14.5	0.0379	23.8	0.00088	0.00088	0.00000446	0.00654	0.00144	0.0331	0.025	0.00000503	22.6	0.0000205	0.000638	0.000321	0.000954
2092 Aug	87.8	0.0499	0.0201	0.00114	14.9	0.0397	25	0.000912	0.000912	0.00000463	0.00677	0.00149	0.0347	0.0258	0.00000522	23.3	0.0000211	0.000665	0.00033	0.000988
2092 Sep	88.9	0.0504	0.0196	0.00113	14.8	0.0411	26	0.000913	0.000913	0.00000463	0.0068	0.0015	0.0362	0.0257	0.00000526	23.4	0.0000211	0.000684	0.000324	0.00099
2092 Oct	89.7	0.0516	0.019	0.00112	14.6	0.0422	27.1	0.000906	0.000906	0.0000046	0.00684	0.0015	0.0376	0.0255	0.00000526	23.4	0.0000211	0.000701	0.000318	0.000991
2092 Nov	90.6	0.0519	0.0189	0.00112	14.5	0.0428	27.8	0.000904	0.000904	0.0000046	0.00686	0.00151	0.0385	0.0255	0.00000528	23.5	0.0000213	0.000714	0.000317	0.000993
2092 Dec	90.7	0.0519	0.0189	0.00112	14.6	0.0429	27.9	0.000905	0.000905	0.0000046	0.00686	0.00151	0.0387	0.0255	0.00000528	23.5	0.0000213	0.000716	0.000317	0.000994
2093 Jan	90.8	0.0519	0.0189	0.00112	14.6	0.0429	28	0.000905	0.000905	0.0000046	0.00687	0.00151	0.0387	0.0255	0.00000528	23.5	0.0000213	0.000717	0.000317	0.000994
2093 Feb	90.9	0.0519	0.0189	0.00112	14.6	0.0429	28	0.000905	0.000905	0.0000046	0.00687	0.00151	0.0388	0.0255	0.00000528	23.5	0.0000213	0.000718	0.000318	0.000994
2093 Mar	91.1	0.052	0.0189	0.00112	14.6	0.0431	28.1	0.000907	0.000907	0.00000461	0.00688	0.00152	0.0389	0.0256	0.0000053	23.6	0.0000214	0.00072	0.000318	0.000997
2093 Apr	91.6	0.0523	0.019	0.00113	14.7	0.0433	28.2	0.000911	0.000911	0.00000463	0.00692	0.00152	0.0391	0.0257	0.00000532	23.7	0.0000215	0.000724	0.00032	0.001
2093 May	94.2	0.0533	0.0194	0.00113	15.1	0.0436	29	0.000921	0.000921	0.00000468	0.007	0.00157	0.0399	0.0267	0.00000539	24.6	0.000022	0.000745	0.000338	0.00103
2093 Jun	93.2	0.0508	0.0201	0.0011	15.2	0.0401	27.6	0.000893	0.000893	0.00000454	0.00673	0.00156	0.0376	0.0275	0.0000052	24.9	0.0000219	0.000726	0.000362	0.00101
2093 Jul	94.6	0.0509	0.0204	0.00114	15.5	0.0412	27.9	0.000927	0.000927	0.00000471	0.00695	0.00159	0.0382	0.0279	0.00000538	25.2	0.0000225	0.000735	0.000364	0.00104
2093 Aug	96.8	0.0517	0.0207	0.00117	15.7	0.0428	28.7	0.000954	0.000954	0.00000485	0.00712	0.00163	0.0393	0.0285	0.00000554	25.8	0.0000228	0.000754	0.000369	0.00106
2093 Sep	97.1	0.0532	0.0202	0.00116	15.6	0.0437	29.2	0.000955	0.000955	0.00000485	0.00718	0.00163	0.04	0.0283	0.00000556	25.7	0.0000228	0.000761	0.000363	0.00107
2093 Oct	93.9	0.056	0.0183	0.0011	14.8	0.0443	29	0.000922	0.000922	0.00000469	0.00709	0.00157	0.0399	0.0267	0.00000539	24.6	0.000022	0.000743	0.000334	0.00103
2093 Nov	93.1	0.0575	0.0177	0.00109	14.6	0.0448	29.1	0.000913	0.000913	0.00000464	0.00709	0.00155	0.0401	0.0261	0.00000536	24.2	0.0000218	0.000739	0.000323	0.00103
2093 Dec	93.3	0.0575	0.0178	0.00109	14.6	0.0449	29.3	0.000913	0.000913	0.00000464	0.0071	0.00155	0.0403	0.0261	0.00000536	24.2	0.0000218	0.000742	0.000323	0.00103
2094 Jan	93.4	0.0575	0.0178	0.00109	14.6	0.045	29.3	0.000913	0.000913	0.00000464	0.0071	0.00155	0.0404	0.0262	0.00000536	24.2	0.0000218	0.000743	0.000323	0.00103
2094 Feb	93.4	0.0575	0.0178	0.00109	14.6	0.045	29.3	0.000913	0.000913	0.00000464	0.0071	0.00155	0.0404	0.0262	0.00000536	24.2	0.0000218	0.000743	0.000323	0.00103
2094 Mar	93.5	0.0576	0.0178	0.00109	14.6	0.045	29.4	0.000914	0.000914	0.00000465	0.00711	0.00155	0.0404	0.0262	0.00000537	24.3	0.0000219	0.000744	0.000324	0.00103
2094 Apr	93.8	0.0578	0.0178	0.0011	14.7	0.0452	29.5	0.000917	0.000917	0.00000466	0.00713	0.00156	0.0406	0.0263	0.00000539	24.3	0.0000219	0.000747	0.000325	0.00103
2094 May	96	0.0581	0.0187	0.0011	15.2	0.0447	29.9	0.000916	0.000916	0.00000466	0.0071	0.00159	0.0408	0.0273	0.00000539	25.2	0.0000222	0.000761	0.000346	0.00105
2094 Jun	98.2	0.0572	0.0204	0.00112	16	0.0428	29.5	0.000914	0.000914	0.00000465	0.007	0.00163	0.0399	0.0289	0.00000537	26.3	0.0000226	0.000768	0.00038	0.00107
2094 Jul	103	0.0594	0.0212	0.00117	16.6	0.0451	31	0.000965	0.000965	0.00000491	0.00738	0.00171	0.0419	0.0302	0.00000566	27.4	0.0000238	0.000805	0.000395	0.00112
2094 Aug	109	0.0622	0.0222	0.00124	17.4	0.048	33.2	0.00102	0.00102	0.00000518	0.00778	0.00181	0.0449	0.0318	0.00000598	28.9	0.0000251	0.000857	0.000415	0.00118
2094 Sep	108	0.0636	0.0214	0.00122	17.2	0.0489	33.5	0.00101	0.00101	0.00000515	0.00781	0.0018	0.0455	0.0313	0.00000597	28.7	0.0000249	0.00086	0.000404	0.00118
2094 Oct	106	0.0649	0.0198	0.00117	16.4	0.0495	33.8	0.000983	0.000983	0.00000501	0.00772	0.00174	0.0459	0.03	0.00000584	27.7	0.0000243	0.000853	0.00038	0.00115
2094 Nov	104	0.0663	0.0183	0.00113	15.7	0.0499	33.7	0.000956	0.000956	0.00000487	0.00763	0.00169	0.0459	0.0287	0.00000571	26.7	0.0000237	0.00084	0.000356	0.00112
2094 Dec	104	0.0663	0.0182	0.00113	15.7	0.05	33.9	0.000954	0.000954	0.00000486	0.00763	0.00169	0.0461	0.0286	0.0000057	26.7	0.0000237	0.000842	0.000354	0.00112
2095 Jan	104	0.0663	0.0182	0.00113	15.7	0.0501	34	0.000954	0.000954	0.00000486	0.00763	0.00169	0.0462	0.0286	0.0000057	26.7	0.0000237	0.000844	0.000354	0.00112
2095 Feb	104	0.0663	0.0182	0.00113	15.7	0.0501	34	0.000954	0.000954	0.00000486	0.00763	0.00169	0.0463	0.0286	0.0000057	26.7	0.0000237	0.000845	0.000354	0.00112
2095 Mar	104	0.0664	0.0182	0.00113	15.7	0.0501	34.1	0.000955	0.000955	0.00000487	0.00764	0.00169	0.0463	0.0286	0.00000571	26.8	0.0000237	0.000846	0.000355	0.00112

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	104	0.0666	0.0183	0.00113	15.8	0.0504	34.2	0.000959	0.000959	0.00000489	0.00767	0.0017	0.0465	0.0288	0.00000573	26.9	0.0000238	0.00085	0.000356	0.00113
2095 May	105	0.0666	0.0187	0.00112	16.2	0.0488	33.2	0.000959	0.000959	0.00000489	0.00761	0.00172	0.045	0.0298	0.0000057	27.5	0.0000238	0.000839	0.000378	0.00114
2095 Jun	105	0.0662	0.0197	0.00113	16.8	0.0467	31.9	0.000968	0.000968	0.00000492	0.00757	0.00175	0.043	0.0312	0.00000569	28.4	0.0000241	0.000827	0.000408	0.00116
2095 Jul	110	0.0684	0.0204	0.00118	17.4	0.0491	33.2	0.00102	0.00102	0.00000518	0.00792	0.00183	0.0448	0.0324	0.00000598	29.5	0.000025	0.000859	0.000422	0.00121
2095 Aug	107	0.0662	0.0196	0.00117	17	0.0493	32.5	0.00102	0.00102	0.00000517	0.0078	0.0018	0.0441	0.0316	0.00000595	28.8	0.0000242	0.000839	0.000407	0.00119
2095 Sep	107	0.0659	0.019	0.00117	16.8	0.0501	32.8	0.00102	0.00102	0.00000516	0.00777	0.00179	0.0446	0.0311	0.00000596	28.5	0.0000238	0.00084	0.000395	0.00118
2095 Oct	107	0.0665	0.0187	0.00116	16.7	0.0508	33.4	0.00101	0.00101	0.00000515	0.0078	0.00179	0.0455	0.031	0.00000596	28.5	0.0000239	0.00085	0.000392	0.00118
2095 Nov	106	0.0673	0.0181	0.00114	16.3	0.051	33.4	0.001	0.001	0.00000509	0.00777	0.00177	0.0455	0.0303	0.0000059	28	0.0000236	0.000845	0.00038	0.00117
2095 Dec	106	0.0675	0.018	0.00114	16.3	0.0512	33.6	0.000998	0.000998	0.00000508	0.00778	0.00177	0.0459	0.0303	0.0000059	28	0.0000237	0.000849	0.000378	0.00117
2096 Jan	106	0.0674	0.018	0.00114	16.3	0.0513	33.8	0.000998	0.000998	0.00000508	0.00778	0.00177	0.046	0.0303	0.00000591	28	0.0000237	0.000851	0.000378	0.00117
2096 Feb	106	0.0675	0.018	0.00114	16.3	0.0513	33.8	0.000998	0.000998	0.00000508	0.00778	0.00177	0.0461	0.0303	0.00000591	28.1	0.0000237	0.000852	0.000379	0.00117
2096 Mar	106	0.0675	0.018	0.00114	16.3	0.0514	33.8	0.000999	0.000999	0.00000509	0.00779	0.00177	0.0461	0.0303	0.00000591	28.1	0.0000237	0.000853	0.000379	0.00117
2096 Apr	107	0.0678	0.0181	0.00114	16.4	0.0516	34	0.001	0.001	0.00000511	0.00782	0.00178	0.0463	0.0305	0.00000594	28.2	0.0000238	0.000857	0.00038	0.00118
2096 May	110	0.068	0.0183	0.00114	16.6	0.0522	35.3	0.00101	0.00101	0.00000512	0.00786	0.00182	0.0478	0.0313	0.00000599	29	0.0000243	0.000887	0.000394	0.00119
2096 Jun	100	0.0542	0.0186	0.0011	14.9	0.0456	32.5	0.000924	0.000924	0.00000471	0.00721	0.00164	0.0443	0.028	0.00000552	25.9	0.0000236	0.000822	0.000357	0.00106
2096 Jul	99.8	0.0528	0.0191	0.00114	15	0.0458	32.1	0.000951	0.000951	0.00000484	0.00738	0.00164	0.0441	0.0277	0.00000564	25.6	0.000024	0.000815	0.00035	0.00106
2096 Aug	104	0.0548	0.0197	0.00119	15.5	0.048	33.5	0.000992	0.000992	0.00000505	0.00768	0.00171	0.046	0.0287	0.00000589	26.6	0.0000249	0.000847	0.000361	0.00111
2096 Sep	102	0.0565	0.0187	0.00117	15.2	0.0484	33	0.000982	0.000982	0.000005	0.00765	0.00168	0.0455	0.028	0.00000582	26	0.0000243	0.000832	0.000347	0.00109
2096 Oct	97	0.0599	0.0168	0.00111	14.5	0.0482	31.7	0.00095	0.00095	0.00000484	0.00754	0.0016	0.0439	0.0263	0.00000562	24.7	0.0000232	0.000791	0.000317	0.00106
2096 Nov	96.4	0.0609	0.0164	0.0011	14.4	0.0484	31.5	0.000948	0.000948	0.00000483	0.00755	0.00159	0.0436	0.0261	0.00000561	24.5	0.000023	0.000785	0.000312	0.00106
2096 Dec	96.5	0.0609	0.0164	0.0011	14.4	0.0484	31.5	0.000948	0.000948	0.00000483	0.00756	0.00159	0.0437	0.0261	0.00000561	24.5	0.0000231	0.000786	0.000312	0.00106
2097 Jan	96.6	0.0609	0.0164	0.0011	14.4	0.0484	31.6	0.000948	0.000948	0.00000483	0.00756	0.00159	0.0438	0.0261	0.00000561	24.6	0.0000231	0.000787	0.000312	0.00106
2097 Feb	96.6	0.0609	0.0164	0.0011	14.4	0.0484	31.6	0.000948	0.000948	0.00000483	0.00756	0.00159	0.0438	0.0261	0.00000561	24.6	0.0000231	0.000787	0.000312	0.00106
2097 Mar	96.7	0.061	0.0164	0.0011	14.4	0.0485	31.6	0.000949	0.000949	0.00000483	0.00756	0.00159	0.0438	0.0261	0.00000561	24.6	0.0000231	0.000788	0.000313	0.00106
2097 Apr	97.2	0.0613	0.0165	0.00111	14.5	0.0487	31.8	0.000954	0.000954	0.00000485	0.0076	0.0016	0.044	0.0263	0.00000564	24.7	0.0000232	0.000792	0.000314	0.00106
2097 May	98.7	0.0623	0.017	0.00112	14.9	0.0486	31.7	0.000967	0.000967	0.00000492	0.00767	0.00163	0.0438	0.0272	0.0000057	25.4	0.0000235	0.000798	0.00033	0.00108
2097 Jun	97	0.0597	0.0184	0.00112	15.4	0.0446	29.3	0.000951	0.000951	0.00000483	0.00741	0.00163	0.0402	0.0281	0.00000554	25.8	0.0000232	0.000761	0.000358	0.00108
2097 Jul	100	0.0612	0.019	0.00117	15.9	0.0465	30.3	0.000998	0.000998	0.00000507	0.00774	0.00169	0.0417	0.0291	0.0000058	26.6	0.0000242	0.000787	0.000369	0.00112
2097 Aug	102	0.0622	0.0192	0.0012	16.2	0.048	30.9	0.00103	0.00103	0.00000521	0.00791	0.00173	0.0427	0.0297	0.00000596	27.2	0.0000245	0.000803	0.000374	0.00115
2097 Sep	103	0.0633	0.0192	0.00121	16.3	0.0489	31.3	0.00104	0.00104	0.00000527	0.008	0.00175	0.0433	0.0298	0.00000603	27.4	0.0000247	0.000811	0.000374	0.00116
2097 Oct	102	0.0643	0.0186	0.00119	16.1	0.0489	31	0.00103	0.00103	0.00000521	0.00797	0.00172	0.0429	0.0293	0.00000597	26.9	0.0000243	0.0008	0.000364	0.00115
2097 Nov	101	0.0647	0.0181	0.00118	15.9	0.0488	30.8	0.00102	0.00102	0.00000517	0.00794	0.0017	0.0427	0.0289	0.00000592	26.6	0.0000241	0.000793	0.000357	0.00114
2097 Dec	101	0.0649	0.018	0.00117	15.8	0.0489	30.8	0.00102	0.00102	0.00000516	0.00793	0.0017	0.0427	0.0288	0.00000591	26.6	0.000024	0.000792	0.000355	0.00113
2098 Jan	101	0.0648	0.018	0.00117	15.8	0.0489	30.9	0.00102	0.00102	0.00000516	0.00793	0.0017	0.0428	0.0288	0.00000591	26.6	0.0000241	0.000794	0.000355	0.00113
2098 Feb	101	0.0649	0.018	0.00117	15.8	0.049	30.9	0.00102	0.00102	0.00000516	0.00793	0.0017	0.0428	0.0288	0.00000591	26.6	0.0000241	0.000794	0.000355	0.00113
2098 Mar	101	0.0649	0.018	0.00117	15.8	0.049	31	0.00102	0.00102	0.00000516	0.00793	0.0017	0.0429	0.0288	0.00000591	26.6	0.0000241	0.000795	0.000355	0.00114
2098 Apr	101	0.0652	0.0181	0.00118	15.9	0.0491	31	0.00102	0.00102	0.00000517	0.00795	0.00171	0.0429	0.029	0.00000593	26.7	0.0000241	0.000797	0.000358	0.00114
2098 May	102	0.0656	0.019	0.00116	16.6	0.0468	29.9	0.00101	0.00101	0.00000513	0.0078	0.00174	0.0409	0.0305	0.00000584	27.7	0.000024	0.000786	0.000391	0.00116
2098 Jun	93.4	0.0587	0.0204	0.00111	16.4	0.0388	24.6	0.000934	0.000934	0.00000473	0.00701	0.00161	0.0335	0.0297	0.0000053	26.3	0.0000221	0.000684	0.000399	0.00108
2098 Jul	96.8	0.0604	0.0212	0.00117	17	0.0405	25.4	0.000983	0.000983	0.00000498	0.00736	0.00168	0.0346	0.0307	0.00000556	27.2	0.0000231	0.000707	0.000411	0.00112
2098 Aug	96	0.0599	0.0207	0.00117	16.8	0.0415	25.2	0.000993	0.000993	0.00000503	0.00736	0.00168	0.0347	0.0304	0.00000561	27	0.0000227	0.0007	0.000402	0.00112
2098 Sep	91.8	0.0605	0.0187	0.00112	15.9	0.0418	24.5	0.000963	0.000963	0.00000488	0.00719	0.0016	0.0341	0.0285	0.00000544	25.6	0.0000214	0.000673	0.000368	0.00108
2098 Oct	89.2	0.0626	0.0176	0.00109	15.3	0.0425	24.6	0.000935	0.000935	0.00000474	0.00712	0.00154	0.0343	0.027	0.00000531	24.4	0.0000208	0.00066	0.000339	0.00105
2098 Nov	88.9	0.0632	0.0175	0.00109	15.2	0.0429	25	0.000926	0.000926	0.00000469	0.0071	0.00153	0.0348	0.0265	0.00000528	24.2	0.0000207	0.000663	0.000331	0.00104
2098 Dec	89.1	0.0632	0.0175	0.00109	15.2	0.043	25.1	0.000926	0.000926	0.00000469	0.00711	0.00153	0.0349	0.0266	0.00000528	24.2	0.0000207	0.000665	0.000331	0.00104
2099 Jan	89.1	0.0632	0.0175	0.00109	15.2	0.0431	25.2	0.000926	0.000926	0.00000469	0.00711	0.00153	0.035	0.0266	0.00000528	24.2	0.0000207	0.000666	0.000331	0.00104
2099 Feb	89.2	0.0632	0.0175	0.00109	15.2	0.0431	25.2	0.000926	0.000926	0.00000469	0.00711	0.00153	0.035	0.0266	0.00000529	24.2	0.0000207	0.000667	0.000331	0.00104
2099 Mar	89.4	0.0633	0.0175	0.00109	15.2	0.0432	25.3	0.000927	0.000927	0.0000047	0.00712	0.00153	0.0351	0.0266	0.00000529	24.2	0.0000208	0.000668	0.000332	0.00104
2099 Apr	90.3	0.0641	0.0177	0.0011	15.4	0.0434	25.4	0.000934	0.000934	0.00000474	0.00717	0.00155	0.0352	0.027	0.00000533	24.6	0.0000209	0.000673	0.000338	0.00105
2099 May	94	0.0659	0.0204	0.00109	17.2	0.0395	24	0.000918	0.000918	0.00000465	0.00686	0.00163	0.0322	0.0307	0.00000519	27.1	0.0000208	0.000671	0.000415	0.0011
2099 Jun	91.9	0.0628	0.0211	0.0011	17.1	0.0372	22.7	0.000905	0.000905	0.00000458	0.0067	0.0016	0.0304	0.0304	0.00000509	26.7	0.0000206	0.000646	0.000416	0.00108
2099 Jul	94.7	0.0639	0.0216	0.00114	17.5	0.0389	23.5	0.000946	0.000946	0.00000479	0.00697	0.00166	0.0316	0.0312	0.00000531	27.4	0.0000214	0.000667	0.000425	0.00112
2099 Aug	97.7	0.0656	0.022	0.00118	18	0.0409	24.4	0.000983	0.000983	0.00000498	0.00721	0.00171	0.033	0.032	0.00000552	28.2	0.0000219	0.00069	0.000433	0.00115
2099 Sep	95.3	0.0654	0.0207	0.00115	17.4	0.0415	24.2	0.000968	0.000968	0.0000049	0.00713	0.00167	0.033	0.0308	0.00000545	27.3	0.0000212	0.000678	0.00041	0.00113
2099 Oct	93.2	0.0667	0.0194	0.00112	16.8	0.042	24.2	0.000951	0.000951	0.00000481	0.00711	0.00163	0.0332	0.0297	0.00000536	26.5	0.0000208	0.000668	0.000388	0.0011
2099 Nov	92.7	0.067	0.0187	0.0011	16.4	0.0425	24.7	0.000939	0.000939	0.00000476	0.00709	0.00161	0.0339	0.0291	0.00000532	26.1	0.0000207	0.000673	0.000377	0.00109
2099 Dec	92.9	0.067	0.0187	0.0011	16.4	0.0426	24.9	0.000939	0.000939	0.00000476	0.00709	0.00161	0.0341	0.0291	0.00000533	26.1	0.0000207	0.000676	0.000378	0.00109
2100 Jan	93	0.067	0.0187	0.0011	16.4	0.0426	24.9	0.000939	0.000939	0.00000476	0.00709	0.00161	0.0341	0.0292	0.00000533	26.1	0.0000207	0.000677	0.000378	0.00109
2100 Feb	93.1	0.067	0.0187	0.0011	16.4	0.0426	25	0.000939	0.000939	0.00000476	0.00709	0.00161	0.0342	0.0292	0.00000533	26.1	0.0000207	0.000678	0.000378	0.00109
2100 Mar	93.1	0.067	0.0187	0.0011	16.4	0.0427	25	0.000939	0.000939	0.00000476	0.0071	0.00161	0.0342	0.0292	0.00000533	26.1	0.0000207	0.000678	0.000378	0.00109
2100 Apr	93.6	0.0674	0.0188	0.00111	16.5	0.0429	25.1	0.000944	0.000944	0.00000478	0.00714	0.00162	0.0344	0.0293	0.00000536	26.3	0.0000209	0.000682	0.00038	0.0011
2100 May	96	0.0674	0.0195	0.0011	17	0.0419	25.2	0.000948	0.000948	0.0000048	0.00712	0.00167	0.0342	0.0308	0.00000537	27.4	0.0000213	0.000695	0.000409	0.00112
2100 Jun	90.7	0.0598	0.0208	0.00109	16.6	0.0369	22.8	0.000897	0.000897	0.00000454	0.00664	0.00158	0.0307	0.0297	0.00000505	26.1	0.0000207	0.000645	0.000404	0.00106
2100 Jul	90.3	0.0584	0.0208	0.00111	16.5	0.0372	22.8	0.000912	0.000912	0.00000462	0.00675	0.00157	0.0309	0.0293	0.00000513	25.8	0.000021	0.000644	0.000397	0.00105
2100 Aug	88.6	0.057	0.0199	0.0011	16.1	0.0379	22.4	0.000915	0.000915	0.00000463	0.00668	0.00155	0.0308	0.0286	0.00000514	25.2	0.0000202	0.000632	0.000381	0.00104
2100 Sep	88.3	0.057	0.0193	0.00109	15.9	0.0389	22.8	0.000917	0.000917	0.00000464	0.00668	0.00155	0.0314	0.0281	0.00000516	25	0.0000199	0.000634	0.00037	0.00104
2100 Oct	88.7	0.0578	0.0191	0.00109	15.8	0.0395	23.2	0.000917	0.000917	0.00000464	0.00673	0.00155	0.032	0.0281	0.00000517	25	0.00002	0.000642	0.000367	0.00104
2100 Nov	88.9	0.058	0.0191	0.00109	15.8	0.0397	23.3	0.000918	0.000918	0.00000465	0.00674	0.00155	0.0322	0.0281	0.00000518	25	0.0000201	0.000644	0.000367	0.00104
2100 Dec	89	0.058	0.0191	0.00109	15.8	0.0398	23.4	0.000919	0.000919	0.00000465	0.00675	0.00155	0.0323	0.0281	0.00000519	25	0.0000201	0.000646	0.000367	0.00104
2101 Jan	89.2	0.058	0.0191	0.00109	15.8	0.0398	23.5	0.000919	0.000919	0.00000465	0.00675	0.00155	0.0324	0.0281	0.00000519	25.1	0.0000201	0.000648	0.000367	0.00104
2101 Feb	89.3	0.058	0.0191	0.00109	15.8	0.0399	23.6	0.000918	0.000918	0.00000465	0.00675	0.00156	0.0325	0.0281	0.00000519	25.1	0.0000201	0.000649	0.000367	0.00104
2101 Mar	89.3	0.058	0.0191	0.00109	15.8	0.0399	23.6	0.000919	0.000919	0.00000465	0.00675	0.00156	0.0325	0.0281	0.00000519	25.1	0.0000201	0.000649	0.000368	0.00104
2101 Apr	89.6	0.0582	0.0192	0.0011	15.9	0.04	23.7	0.000922	0.000922	0.00000467	0.00677	0.00156	0.0326	0.0282	0.00000521	25.2	0.0000202	0.000651	0.000369	0.00105
2101 May	92	0.0591	0.02	0.0011	16.5	0.0393	23.8	0.000927	0.000927	0.0000047	0.00679	0.00161	0.0324	0.0296	0.00000524	26.2	0.0000206	0.000664	0.000396	0.00107
2101 Jun	89.9	0.0561	0.0209	0.0011	16.5	0.0364	22.3	0.000905	0.000905	0.00000458	0.00658	0.00157	0.0303	0.0295	0.00000508	25.9	0.0000205	0.000638	0.000403	0.00105
2101 Jul	93.5	0.0579	0.0217	0.00115	17.1	0.038	23.3	0.000949	0.000949	0.0000048	0.00691	0.00164	0.0317	0.0306	0.00000533	26.9	0.0000215	0.000666	0.000416	0.00109
2101 Aug	97.4	0.06	0.0224	0.0012	17.7	0.04	24.4	0.000991	0.000991	0.00000502	0.00719	0.00171	0.0333	0.0318	0.00000557	27.9	0.0000223	0.000695	0.000431	0.00113

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	96.3	0.0604	0.0215	0.00118	17.3	0.0409	24.6	0.000985	0.000985	0.00000499	0.00718	0.00168	0.0338	0.031	0.00000555	27.4	0.0000219	0.000693	0.000414	0.00112
2101 Oct	96.1	0.0614	0.0209	0.00117	17.1	0.0416	25	0.000979	0.000979	0.00000496	0.00719	0.00167	0.0344	0.0306	0.00000553	27.2	0.0000218	0.000696	0.000405	0.00112
2101 Nov	94.8	0.0624	0.02	0.00114	16.7	0.042	25.2	0.000964	0.000964	0.00000488	0.00717	0.00164	0.0346	0.0298	0.00000546	26.6	0.0000216	0.000692	0.00039	0.0011
2101 Dec	94.6	0.0627	0.0198	0.00114	16.6	0.0421	25.2	0.000963	0.000963	0.00000488	0.00718	0.00164	0.0347	0.0297	0.00000546	26.5	0.0000215	0.000692	0.000388	0.0011
2102 Jan	94.7	0.0627	0.0198	0.00114	16.6	0.0422	25.3	0.000963	0.000963	0.00000488	0.00718	0.00164	0.0348	0.0297	0.00000546	26.5	0.0000215	0.000693	0.000388	0.0011
2102 Feb	94.7	0.0627	0.0198	0.00114	16.6	0.0422	25.3	0.000963	0.000963	0.00000488	0.00718	0.00164	0.0348	0.0297	0.00000546	26.5	0.0000215	0.000694	0.000388	0.0011
2102 Mar	94.8	0.0628	0.0198	0.00114	16.6	0.0422	25.4	0.000963	0.000963	0.00000488	0.00718	0.00164	0.0348	0.0297	0.00000546	26.5	0.0000216	0.000694	0.000388	0.0011
2102 Apr	95	0.0629	0.0199	0.00114	16.7	0.0424	25.4	0.000965	0.000965	0.00000489	0.0072	0.00165	0.0349	0.0298	0.00000548	26.6	0.0000216	0.000696	0.000389	0.0011
2102 May	96.2	0.0637	0.0201	0.00116	16.9	0.0429	25.7	0.000978	0.000978	0.00000495	0.00729	0.00167	0.0354	0.0301	0.00000555	26.9	0.0000219	0.000705	0.000394	0.00112
2102 Jun	85.1	0.049	0.0182	0.00112	14.1	0.039	23.8	0.000929	0.000929	0.00000471	0.00701	0.00147	0.0337	0.025	0.00000527	22.7	0.0000218	0.000645	0.000315	0.00097
2102 Jul	79.9	0.0427	0.018	0.00114	13.2	0.0374	22.3	0.000928	0.000928	0.0000047	0.00698	0.00138	0.0323	0.0229	0.00000523	20.8	0.0000218	0.000607	0.00028	0.000917
2102 Aug	81.1	0.0435	0.018	0.00116	13.4	0.0387	22.5	0.000954	0.000954	0.00000483	0.00711	0.00141	0.0327	0.0232	0.00000537	21.1	0.0000218	0.000613	0.000282	0.000937
2102 Sep	80.6	0.0448	0.0176	0.00116	13.4	0.0393	22.2	0.000959	0.000959	0.00000485	0.00714	0.00141	0.0325	0.0231	0.00000538	21.1	0.0000215	0.000606	0.000277	0.000939
2102 Oct	77.9	0.0475	0.0163	0.00111	12.9	0.0393	21.7	0.000931	0.000931	0.00000471	0.00703	0.00136	0.0317	0.0221	0.00000523	20.3	0.0000207	0.000585	0.000261	0.000919
2102 Nov	78.1	0.0478	0.0162	0.00111	12.9	0.0394	21.8	0.000929	0.000929	0.0000047	0.00703	0.00136	0.0319	0.0221	0.00000522	20.3	0.0000207	0.000588	0.000259	0.000918
2102 Dec	78.2	0.0478	0.0162	0.00111	12.9	0.0395	21.9	0.000929	0.000929	0.0000047	0.00703	0.00136	0.032	0.0221	0.00000522	20.3	0.0000208	0.000589	0.00026	0.000919
2103 Jan	78.2	0.0478	0.0162	0.00111	12.9	0.0395	21.9	0.000929	0.000929	0.0000047	0.00704	0.00136	0.0321	0.0221	0.00000523	20.3	0.0000208	0.00059	0.00026	0.000919
2103 Feb	78.2	0.0478	0.0162	0.00111	12.9	0.0395	21.9	0.000929	0.000929	0.0000047	0.00704	0.00136	0.0321	0.0221	0.00000523	20.3	0.0000208	0.00059	0.00026	0.000919
2103 Mar	78.3	0.0478	0.0162	0.00111	12.9	0.0396	22	0.00093	0.00093	0.00000471	0.00704	0.00137	0.0321	0.0221	0.00000523	20.4	0.0000208	0.00059	0.00026	0.00092
2103 Apr	78.6	0.048	0.0163	0.00111	13	0.0397	22	0.000933	0.000933	0.00000472	0.00707	0.00137	0.0322	0.0222	0.00000525	20.4	0.0000209	0.000593	0.000261	0.000923
2103 May	82.4	0.0496	0.0173	0.00112	13.7	0.0397	22.9	0.000938	0.000938	0.00000475	0.00708	0.00143	0.0329	0.0239	0.00000529	21.8	0.0000214	0.00062	0.000292	0.000958
2103 Jun	83.2	0.0483	0.0193	0.0011	14.5	0.036	21.9	0.000899	0.000899	0.00000455	0.0067	0.00144	0.0308	0.0255	0.00000506	22.8	0.000021	0.000612	0.000332	0.000959
2103 Jul	83.4	0.0473	0.0194	0.00113	14.5	0.0368	22	0.000922	0.000922	0.00000467	0.00681	0.00146	0.0311	0.0254	0.00000518	22.7	0.0000212	0.000613	0.000328	0.000969
2103 Aug	81.2	0.0445	0.0185	0.00113	14	0.0381	21.7	0.000929	0.000929	0.0000047	0.00669	0.00144	0.0308	0.0246	0.00000521	22	0.0000201	0.000595	0.000309	0.000965
2103 Sep	79.5	0.0473	0.0177	0.00111	13.7	0.0387	21.5	0.000915	0.000915	0.00000463	0.00666	0.00141	0.0306	0.0237	0.00000513	21.4	0.0000195	0.000582	0.000292	0.000951
2103 Oct	76.7	0.052	0.017	0.00109	13.5	0.0392	20.9	0.000891	0.000891	0.00000451	0.00664	0.00135	0.0299	0.0224	0.000005	20.4	0.0000188	0.000557	0.000267	0.00093
2103 Nov	76.1	0.0532	0.0168	0.00109	13.4	0.0394	20.8	0.000886	0.000886	0.00000448	0.00664	0.00134	0.0298	0.0221	0.00000497	20.1	0.0000186	0.000553	0.000261	0.000926
2103 Dec	76.2	0.0532	0.0168	0.00109	13.4	0.0395	20.9	0.000886	0.000886	0.00000448	0.00664	0.00134	0.0299	0.0221	0.00000497	20.2	0.0000186	0.000554	0.000261	0.000926
2104 Jan	76.3	0.0532	0.0168	0.00109	13.4	0.0395	20.9	0.000886	0.000886	0.00000448	0.00664	0.00134	0.0299	0.0221	0.00000497	20.2	0.0000186	0.000555	0.000261	0.000926
2104 Feb	76.3	0.0532	0.0168	0.00109	13.4	0.0395	20.9	0.000886	0.000886	0.00000448	0.00664	0.00134	0.03	0.0221	0.00000497	20.2	0.0000186	0.000555	0.000261	0.000926
2104 Mar	76.3	0.0532	0.0168	0.00109	13.4	0.0396	20.9	0.000887	0.000887	0.00000449	0.00664	0.00134	0.03	0.0222	0.00000498	20.2	0.0000187	0.000555	0.000262	0.000927
2104 Apr	76.8	0.0535	0.0169	0.0011	13.5	0.0398	21.1	0.000892	0.000892	0.00000451	0.00668	0.00135	0.0302	0.0223	0.000005	20.3	0.0000188	0.000558	0.000263	0.000932
2104 May	80.6	0.0551	0.0182	0.0011	14.5	0.0387	21.2	0.000901	0.000901	0.00000456	0.00669	0.00142	0.0298	0.0246	0.00000504	22	0.0000194	0.000577	0.000307	0.000973
2104 Jun	79.9	0.0526	0.0198	0.0011	14.9	0.035	19.7	0.000874	0.000874	0.00000442	0.00641	0.00141	0.0274	0.0255	0.00000486	22.4	0.0000192	0.000558	0.000333	0.00096
2104 Jul	80.9	0.0524	0.0199	0.00113	15.1	0.036	19.9	0.000904	0.000904	0.00000457	0.00659	0.00144	0.0278	0.0257	0.00000501	22.6	0.0000196	0.000564	0.000334	0.00098
2104 Aug	81.4	0.0526	0.0197	0.00114	15.1	0.0372	20	0.000924	0.000924	0.00000467	0.00667	0.00146	0.0282	0.0258	0.00000512	22.8	0.0000195	0.000567	0.000332	0.000993
2104 Sep	79.7	0.0531	0.0186	0.00112	14.7	0.0378	19.8	0.000915	0.000915	0.00000462	0.00661	0.00143	0.0281	0.025	0.00000507	22.2	0.0000189	0.000556	0.000316	0.000976
2104 Oct	78.2	0.0558	0.0177	0.00109	14.4	0.0384	19.8	0.0009	0.0009	0.00000455	0.00662	0.00139	0.0282	0.0241	0.00000499	21.6	0.0000185	0.000548	0.000298	0.000963
2104 Nov	78.1	0.0566	0.0176	0.00109	14.3	0.0388	20	0.000897	0.000897	0.00000454	0.00663	0.00139	0.0284	0.0239	0.00000499	21.5	0.0000185	0.000549	0.000294	0.000961
2104 Dec	78.2	0.0566	0.0176	0.00109	14.3	0.0388	20	0.000897	0.000897	0.00000454	0.00664	0.00139	0.0285	0.0239	0.00000499	21.5	0.0000185	0.00055	0.000294	0.000961
2105 Jan	78.3	0.0566	0.0176	0.00109	14.3	0.0389	20.1	0.000897	0.000897	0.00000454	0.00664	0.00139	0.0286	0.0239	0.00000499	21.5	0.0000185	0.000551	0.000294	0.000962
2105 Feb	78.3	0.0566	0.0176	0.00109	14.3	0.0389	20.1	0.000897	0.000897	0.00000454	0.00664	0.00139	0.0286	0.024	0.00000499	21.5	0.0000185	0.000551	0.000294	0.000962
2105 Mar	78.3	0.0566	0.0176	0.00109	14.3	0.0389	20.1	0.000898	0.000898	0.00000454	0.00664	0.00139	0.0286	0.024	0.00000499	21.5	0.0000185	0.000551	0.000294	0.000962
2105 Apr	78.5	0.0568	0.0176	0.0011	14.4	0.039	20.2	0.0009	0.0009	0.00000455	0.00666	0.0014	0.0287	0.024	0.00000501	21.6	0.0000186	0.000553	0.000295	0.000965
2105 May	81.4	0.0577	0.0185	0.0011	15.1	0.0382	20.3	0.000907	0.000907	0.00000458	0.00668	0.00145	0.0285	0.0257	0.00000504	22.9	0.0000191	0.000569	0.000328	0.000995
2105 Jun	83.3	0.0573	0.0197	0.00111	15.7	0.0367	20.1	0.000908	0.000908	0.00000459	0.00664	0.00148	0.0279	0.0271	0.00000503	23.8	0.0000195	0.000575	0.000356	0.00101
2105 Jul	84.6	0.0573	0.0198	0.00114	15.8	0.0379	20.4	0.000937	0.000937	0.00000474	0.0068	0.00152	0.0285	0.0274	0.00000519	24.1	0.0000199	0.000584	0.000358	0.00104
2105 Aug	82.1	0.0546	0.0185	0.00111	15.2	0.0387	20.2	0.000931	0.000931	0.0000047	0.00665	0.00148	0.0284	0.0263	0.00000515	23.3	0.0000188	0.00057	0.000336	0.00101
2105 Sep	81.4	0.0551	0.0177	0.00109	14.7	0.0402	21.2	0.000911	0.000911	0.00000461	0.00657	0.00145	0.03	0.0251	0.00000509	22.5	0.0000183	0.00058	0.000312	0.000989
2105 Oct	80.6	0.0571	0.0172	0.00108	14.4	0.041	21.8	0.000893	0.000893	0.00000452	0.00656	0.00142	0.0308	0.0242	0.00000502	21.9	0.0000181	0.000582	0.000295	0.000973
2105 Nov	80.3	0.0581	0.0171	0.00108	14.3	0.0413	22	0.000886	0.000886	0.00000448	0.00657	0.00141	0.0311	0.0239	0.000005	21.7	0.000018	0.000582	0.000287	0.000968
2105 Dec	80.4	0.0581	0.0171	0.00108	14.3	0.0414	22.1	0.000886	0.000886	0.00000448	0.00657	0.00141	0.0312	0.0239	0.000005	21.7	0.000018	0.000584	0.000288	0.000968
2106 Jan	80.5	0.0581	0.0171	0.00108	14.3	0.0414	22.2	0.000886	0.000886	0.00000448	0.00657	0.00141	0.0312	0.0239	0.000005	21.7	0.000018	0.000585	0.000288	0.000968
2106 Feb	80.5	0.0581	0.0171	0.00108	14.3	0.0414	22.2	0.000886	0.000886	0.00000448	0.00657	0.00141	0.0313	0.0239	0.000005	21.7	0.000018	0.000585	0.000288	0.000968
2106 Mar	80.5	0.0581	0.0171	0.00108	14.3	0.0414	22.2	0.000886	0.000886	0.00000449	0.00657	0.00141	0.0313	0.0239	0.000005	21.7	0.000018	0.000585	0.000288	0.000969
2106 Apr	80.9	0.0584	0.0172	0.00109	14.3	0.0416	22.3	0.00089	0.00089	0.0000045	0.0066	0.00141	0.0314	0.024	0.00000502	21.8	0.0000181	0.000588	0.000289	0.000973
2106 May	83	0.0593	0.0176	0.00109	14.7	0.0418	22.7	0.000902	0.000902	0.00000457	0.00668	0.00145	0.0319	0.0249	0.00000509	22.6	0.0000186	0.000603	0.000305	0.000995
2106 Jun	81.7	0.0525	0.0191	0.00109	14.6	0.0375	21.7	0.000874	0.000874	0.00000443	0.00646	0.00142	0.0303	0.025	0.00000493	22.3	0.0000192	0.000593	0.000319	0.000958
2106 Jul	81.7	0.0506	0.0194	0.00113	14.5	0.0381	21.7	0.000905	0.000905	0.00000458	0.00664	0.00143	0.0306	0.0247	0.00000508	22.1	0.0000198	0.000593	0.000312	0.000965
2106 Aug	80.2	0.0485	0.0182	0.00112	14.1	0.0393	21.7	0.000908	0.000908	0.0000046	0.00655	0.00142	0.0308	0.024	0.0000051	21.6	0.0000189	0.000584	0.000296	0.000957
2106 Sep	78.6	0.0493	0.0172	0.00109	13.6	0.0403	21.8	0.000895	0.000895	0.00000453	0.00646	0.00138	0.0312	0.023	0.00000504	20.9	0.0000181	0.000579	0.000276	0.000937
2106 Oct	78.9	0.051	0.0169	0.00109	13.6	0.0411	22.3	0.000891	0.000891	0.00000451	0.00651	0.00138	0.0318	0.0228	0.00000504	20.8	0.0000181	0.000585	0.00027	0.000937
2106 Nov	79.3	0.0512	0.0169	0.00109	13.6	0.0413	22.5	0.000893	0.000893	0.00000452	0.00653	0.00138	0.0321	0.0228	0.00000505	20.9	0.0000182	0.000589	0.00027	0.00094
2106 Dec	79.4	0.0512	0.0169	0.00109	13.6	0.0413	22.6	0.000893	0.000893	0.00000452	0.00653	0.00139	0.0322	0.0229	0.00000506	20.9	0.0000182	0.000591	0.00027	0.00094
2107 Jan	79.4	0.0512	0.0169	0.00109	13.6	0.0413	22.6	0.000893	0.000893	0.00000452	0.00653	0.00139	0.0322	0.0229	0.00000506	20.9	0.0000182	0.000591	0.00027	0.00094
2107 Feb	79.4	0.0512	0.0169	0.00109	13.6	0.0413	22.6	0.000893	0.000893	0.00000452	0.00654	0.00139	0.0322	0.0229	0.00000506	20.9	0.0000182	0.000591	0.00027	0.00094
2107 Mar	79.5	0.0512	0.0169	0.00109	13.6	0.0414	22.6	0.000894	0.000894	0.00000453	0.00654	0.00139	0.0322	0.0229	0.00000506	21	0.0000183	0.000592	0.000271	0.000941
2107 Apr	79.7	0.0513	0.0169	0.0011	13.6	0.0415	22.7	0.000896	0.000896	0.00000454	0.00655	0.00139	0.0323	0.0229	0.00000507	21	0.0000183	0.000593	0.000271	0.000943
2107 May	81.5	0.0521	0.0177	0.0011	14.1	0.041	22.8	0.000898	0.000898	0.00000455	0.00656	0.00142	0.0323	0.0239	0.00000509	21.8	0.0000186	0.000603	0.00029	0.000961
2107 Jun	83.5	0.0516	0.0196	0.00112	14.9	0.0384	22.3	0.000893	0.000893	0.00000452	0.00648	0.00146	0.031	0.0256	0.00000504	22.9	0.0000192	0.000607	0.000328	0.000977
2107 Jul	82.9	0.0501	0.0192	0.00113	14.7	0.039	22	0.000913	0.000913	0.00000462	0.00655	0.00146	0.0308	0.0254	0.00000513	22.7	0.0000192	0.000599	0.000321	0.000985
2107 Aug	84.6	0.0508	0.0194	0.00116	15	0.0405	22.5	0.000941	0.000941	0.00000476	0.00671	0.0015	0.0317	0.0259	0.00000529	23.1	0.0000194	0.000612	0.000325	0.00101
2107 Sep	84.9	0.0528	0.0189	0.00115	15	0.0415	22.9	0.000946	0.000946	0.00000479	0.00681	0.0015	0.0322	0.0258	0.00000532	23.1	0.0000195	0.000616	0.00032	0.00102
2107 Oct	84.4	0.0544	0.0182	0.00114	14.7	0.042	23.1	0.000938	0.000938	0.00000475	0.00683	0.00149	0.0326	0.0253	0.00000529	22.9	0.0000194	0.000617	0.000311	0.00101
2107 Nov	84.3	0.055	0.0179	0.00113	14.6	0.0422	23.3	0.000935	0.000935	0.00000473	0.00684	0.00148	0.0328	0.0252	0.00000528	22.8	0.0000194	0.000618	0.000308	0.00101
2107 Dec	84.5	0.055	0.0179	0.00113	14.6	0.0423	23.4	0.000935	0.000935	0.00000473	0.00684	0.00149	0.0329	0.0252	0.00000528	22.8	0.0000194	0.000621	0.000308	0.00101
2108 Jan	84.6	0.0549	0.0179	0.00113	14.6	0.0423	23.4	0.000935	0.000935	0.00000473	0.00684	0.00149	0.033	0.0252	0.00000528	22.8	0.0000194	0.000622	0.000309	0.00101

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	84.6	0.055	0.0179	0.00113	14.6	0.0423	23.5	0.000935	0.000935	0.00000473	0.00684	0.00149	0.033	0.0252	0.00000528	22.8	0.0000194	0.000622	0.000309	0.00101
2108 Mar	84.7	0.055	0.0179	0.00113	14.7	0.0424	23.5	0.000936	0.000936	0.00000474	0.00685	0.00149	0.0331	0.0252	0.00000529	22.8	0.0000194	0.000623	0.000309	0.00101
2108 Apr	85.4	0.0555	0.0181	0.00114	14.8	0.0427	23.7	0.000943	0.000943	0.00000477	0.0069	0.0015	0.0333	0.0255	0.00000533	23	0.0000196	0.000628	0.000311	0.00102
2108 May	87	0.0566	0.0184	0.00116	15.1	0.0433	24	0.000959	0.000959	0.00000486	0.00702	0.00153	0.0338	0.026	0.00000542	23.5	0.0000199	0.000639	0.000319	0.00104
2108 Jun	83	0.05	0.0176	0.00112	14.1	0.0402	22.7	0.000943	0.000943	0.00000477	0.00695	0.00146	0.0323	0.0247	0.0000053	22.3	0.0000205	0.000614	0.000305	0.000984
2108 Jul	85.1	0.0502	0.018	0.00117	14.3	0.0414	23.3	0.000984	0.000984	0.00000498	0.00726	0.0015	0.0333	0.0252	0.00000553	22.8	0.0000215	0.000631	0.000309	0.00101
2108 Aug	88.7	0.0522	0.0187	0.00122	14.9	0.0436	24.3	0.00103	0.00103	0.00000521	0.00757	0.00157	0.0349	0.0262	0.00000578	23.7	0.0000223	0.000659	0.00032	0.00106
2108 Sep	89.2	0.0533	0.0184	0.00122	14.9	0.0444	24.7	0.00103	0.00103	0.00000523	0.00762	0.00158	0.0354	0.0262	0.00000582	23.8	0.0000223	0.000664	0.000317	0.00106
2108 Oct	85.4	0.0562	0.0166	0.00116	14.2	0.0441	24	0.000991	0.000991	0.00000502	0.00746	0.0015	0.0346	0.0247	0.00000558	22.6	0.0000213	0.000638	0.000291	0.00102
2108 Nov	85.2	0.0569	0.0163	0.00115	14.1	0.0444	24.2	0.000986	0.000986	0.00000499	0.00746	0.0015	0.0348	0.0245	0.00000556	22.5	0.0000212	0.000639	0.000288	0.00102
2108 Dec	85.3	0.057	0.0163	0.00115	14.1	0.0445	24.3	0.000986	0.000986	0.00000499	0.00746	0.0015	0.0349	0.0245	0.00000557	22.5	0.0000213	0.000641	0.000288	0.00102
2109 Jan	85.4	0.057	0.0163	0.00115	14.1	0.0445	24.3	0.000986	0.000986	0.00000499	0.00746	0.0015	0.0349	0.0245	0.00000557	22.6	0.0000213	0.000641	0.000288	0.00102
2109 Feb	85.4	0.057	0.0163	0.00115	14.1	0.0445	24.3	0.000986	0.000986	0.00000499	0.00746	0.0015	0.0349	0.0246	0.00000557	22.6	0.0000213	0.000641	0.000288	0.00102
2109 Mar	85.5	0.057	0.0163	0.00115	14.1	0.0445	24.3	0.000987	0.000987	0.000005	0.00747	0.0015	0.035	0.0246	0.00000557	22.6	0.0000213	0.000642	0.000288	0.00102
2109 Apr	85.9	0.0573	0.0164	0.00115	14.2	0.0448	24.5	0.000992	0.000992	0.00000502	0.00751	0.00151	0.0352	0.0247	0.0000056	22.7	0.0000214	0.000646	0.00029	0.00103
2109 May	87.8	0.0581	0.0174	0.00116	14.8	0.0436	24.2	0.000991	0.000991	0.00000502	0.00746	0.00154	0.0344	0.0261	0.00000558	23.7	0.0000216	0.00065	0.000318	0.00105
2109 Jun	89.2	0.0581	0.0191	0.00116	15.7	0.0409	23.1	0.000985	0.000985	0.00000498	0.00732	0.00158	0.0324	0.0279	0.00000551	24.8	0.0000218	0.000643	0.000357	0.00107
2109 Jul	89.3	0.0568	0.0188	0.00117	15.6	0.0418	23.3	0.001	0.001	0.00000507	0.00739	0.00159	0.0329	0.0278	0.00000561	24.8	0.0000218	0.000646	0.000352	0.00108
2109 Aug	90.4	0.056	0.0186	0.00119	15.5	0.0435	24	0.00102	0.00102	0.00000518	0.00747	0.00162	0.0339	0.0279	0.00000573	25	0.0000218	0.000657	0.00035	0.0011
2109 Sep	89.9	0.0572	0.0178	0.00117	15.2	0.0443	24.5	0.00101	0.00101	0.00000512	0.00744	0.0016	0.0346	0.0273	0.00000569	24.6	0.0000215	0.000661	0.000338	0.00108
2109 Oct	87.4	0.0599	0.0169	0.00114	14.6	0.0448	24.9	0.000969	0.000969	0.00000491	0.00731	0.00153	0.0351	0.0257	0.0000055	23.4	0.0000207	0.000652	0.000308	0.00105
2109 Nov	87.7	0.0603	0.0169	0.00114	14.6	0.0451	25.1	0.000969	0.000969	0.00000491	0.00733	0.00153	0.0354	0.0256	0.0000055	23.4	0.0000208	0.000657	0.000307	0.00105
2109 Dec	87.9	0.0603	0.0169	0.00114	14.6	0.0452	25.3	0.000969	0.000969	0.00000491	0.00733	0.00154	0.0356	0.0256	0.00000551	23.4	0.0000208	0.000659	0.000307	0.00105
2110 Jan	88	0.0603	0.0169	0.00114	14.6	0.0452	25.3	0.000969	0.000969	0.00000491	0.00733	0.00154	0.0356	0.0257	0.00000551	23.4	0.0000208	0.000659	0.000307	0.00105
2110 Feb	88	0.0603	0.0169	0.00114	14.6	0.0452	25.3	0.000969	0.000969	0.00000491	0.00733	0.00154	0.0356	0.0257	0.00000551	23.5	0.0000208	0.00066	0.000307	0.00105
2110 Mar	88.1	0.0604	0.0169	0.00114	14.7	0.0453	25.3	0.00097	0.00097	0.00000492	0.00734	0.00154	0.0357	0.0257	0.00000551	23.5	0.0000209	0.00066	0.000308	0.00105
2110 Apr	88.3	0.0606	0.0169	0.00114	14.7	0.0454	25.4	0.000973	0.000973	0.00000493	0.00736	0.00154	0.0358	0.0258	0.00000553	23.6	0.0000209	0.000663	0.000309	0.00105
2110 May	90.4	0.0611	0.0174	0.00115	15	0.0458	26.1	0.000978	0.000978	0.00000496	0.00741	0.00157	0.0366	0.0264	0.00000558	24.1	0.0000213	0.000681	0.00032	0.00107
2110 Jun	91.3	0.0548	0.0197	0.00114	15.2	0.0418	26.6	0.000921	0.000921	0.00000467	0.00696	0.00155	0.0366	0.0269	0.00000531	24.4	0.0000215	0.000698	0.000344	0.00103
2110 Jul	91.1	0.0537	0.0196	0.00116	15.1	0.0423	26.3	0.000947	0.000947	0.0000048	0.0071	0.00156	0.0364	0.0268	0.00000543	24.3	0.0000218	0.000693	0.000339	0.00104
2110 Aug	84.1	0.0476	0.0183	0.00113	14	0.0424	24.8	0.000914	0.000914	0.00000463	0.00658	0.00146	0.0347	0.0242	0.00000523	22	0.0000191	0.000639	0.000293	0.000978
2110 Sep	80.3	0.0507	0.0175	0.00111	13.5	0.0426	24	0.000881	0.000881	0.00000447	0.00645	0.00138	0.0338	0.0224	0.00000505	20.7	0.000018	0.000609	0.000261	0.000939
2110 Oct	77.3	0.056	0.0168	0.0011	13.3	0.0429	23.2	0.000859	0.000859	0.00000436	0.00647	0.00133	0.0329	0.0211	0.00000491	19.7	0.0000174	0.000581	0.000237	0.000918
2110 Nov	76.9	0.0568	0.0167	0.00109	13.2	0.043	23.1	0.000854	0.000854	0.00000433	0.00647	0.00131	0.0328	0.0209	0.00000489	19.5	0.0000173	0.000578	0.000232	0.000914
2110 Dec	77.1	0.0568	0.0167	0.00109	13.2	0.0431	23.3	0.000853	0.000853	0.00000433	0.00647	0.00132	0.033	0.0209	0.00000489	19.5	0.0000174	0.000581	0.000233	0.000914
2111 Jan	77.2	0.0568	0.0167	0.00109	13.2	0.0431	23.3	0.000853	0.000853	0.00000433	0.00647	0.00132	0.0331	0.0209	0.00000489	19.5	0.0000174	0.000582	0.000233	0.000914
2111 Feb	77.2	0.0568	0.0167	0.00109	13.2	0.0431	23.3	0.000853	0.000853	0.00000433	0.00647	0.00132	0.0331	0.0209	0.00000489	19.5	0.0000174	0.000582	0.000233	0.000914
2111 Mar	77.3	0.0568	0.0168	0.00109	13.2	0.0432	23.4	0.000855	0.000855	0.00000433	0.00648	0.00132	0.0331	0.0209	0.0000049	19.6	0.0000174	0.000583	0.000233	0.000916
2111 Apr	77.8	0.0572	0.0169	0.0011	13.3	0.0434	23.5	0.00086	0.00086	0.00000436	0.00652	0.00133	0.0333	0.0211	0.00000493	19.7	0.0000175	0.000586	0.000234	0.000921
2111 May	79.9	0.0581	0.0176	0.00111	13.9	0.043	23.5	0.000872	0.000872	0.00000442	0.00658	0.00137	0.0331	0.0223	0.00000498	20.6	0.000018	0.000596	0.000258	0.000947
2111 Jun	81.6	0.056	0.0199	0.00112	15	0.0383	21.6	0.000869	0.000869	0.0000044	0.00643	0.00142	0.03	0.0249	0.0000049	22.2	0.0000187	0.000584	0.000315	0.000967
2111 Jul	84.6	0.0575	0.0205	0.00117	15.4	0.0399	22.4	0.000913	0.000913	0.00000462	0.00674	0.00147	0.0312	0.0257	0.00000514	23	0.0000196	0.000606	0.000325	0.00101
2111 Aug	82.3	0.0546	0.0191	0.00114	14.8	0.0407	22.2	0.000907	0.000907	0.00000459	0.00658	0.00145	0.0312	0.0247	0.00000511	22.3	0.0000185	0.000594	0.000305	0.000985
2111 Sep	81.8	0.0545	0.0182	0.00112	14.5	0.0418	22.6	0.000904	0.000904	0.00000458	0.00655	0.00143	0.032	0.0242	0.00000511	21.9	0.0000181	0.000598	0.000292	0.000974
2111 Oct	80.5	0.0564	0.0177	0.00111	14.2	0.0422	22.8	0.000883	0.000883	0.00000448	0.00652	0.0014	0.0323	0.0232	0.00000501	21.3	0.0000178	0.000593	0.000275	0.000956
2111 Nov	79.9	0.058	0.0175	0.0011	14	0.0427	23.2	0.00087	0.00087	0.00000441	0.00651	0.00137	0.0327	0.0226	0.00000496	20.9	0.0000177	0.000593	0.000263	0.000946
2111 Dec	80.1	0.058	0.0175	0.0011	14	0.0428	23.3	0.00087	0.00087	0.00000441	0.00652	0.00137	0.0329	0.0226	0.00000496	20.9	0.0000177	0.000596	0.000263	0.000946
2112 Jan	80.2	0.058	0.0175	0.0011	14	0.0428	23.4	0.00087	0.00087	0.00000441	0.00652	0.00138	0.033	0.0226	0.00000497	20.9	0.0000177	0.000597	0.000263	0.000947
2112 Feb	80.3	0.058	0.0175	0.0011	14	0.0429	23.4	0.00087	0.00087	0.00000441	0.00652	0.00138	0.033	0.0226	0.00000497	20.9	0.0000177	0.000598	0.000264	0.000947
2112 Mar	80.4	0.0581	0.0175	0.0011	14	0.0429	23.5	0.000871	0.000871	0.00000442	0.00653	0.00138	0.0331	0.0227	0.00000498	21	0.0000178	0.000599	0.000264	0.000949
2112 Apr	80.9	0.0584	0.0176	0.00111	14.1	0.0432	23.6	0.000876	0.000876	0.00000444	0.00657	0.00139	0.0333	0.0228	0.000005	21.1	0.0000178	0.000602	0.000265	0.000953
2112 May	84.1	0.0592	0.0186	0.00112	14.7	0.0427	24.1	0.000885	0.000885	0.00000449	0.00661	0.00144	0.0337	0.0244	0.00000506	22.3	0.0000185	0.000625	0.000295	0.000984
2112 Jun	82.2	0.0527	0.0206	0.0011	14.9	0.0366	22	0.000844	0.000844	0.00000427	0.00622	0.00141	0.0302	0.0252	0.00000478	22.4	0.0000188	0.000595	0.000327	0.000948
2112 Jul	81.6	0.0508	0.0203	0.00112	14.7	0.0369	21.8	0.000867	0.000867	0.00000439	0.00638	0.00141	0.0302	0.0248	0.0000049	22.1	0.0000193	0.000592	0.000319	0.000948
2112 Aug	84	0.0518	0.0205	0.00115	15	0.0387	22.8	0.000894	0.000894	0.00000453	0.00655	0.00145	0.0317	0.0253	0.00000506	22.7	0.0000196	0.000615	0.000323	0.000974
2112 Sep	84.8	0.0523	0.0197	0.00113	14.8	0.0401	23.8	0.000893	0.000893	0.00000452	0.00657	0.00145	0.0332	0.0251	0.00000509	22.7	0.0000195	0.000631	0.000314	0.000973
2112 Oct	85.7	0.0533	0.0191	0.00112	14.5	0.0412	24.9	0.000886	0.000886	0.00000449	0.00661	0.00146	0.0346	0.0249	0.00000509	22.7	0.0000196	0.00065	0.000309	0.000973
2112 Nov	86.6	0.0535	0.0191	0.00112	14.5	0.0417	25.6	0.000885	0.000885	0.00000449	0.00663	0.00146	0.0355	0.0249	0.00000511	22.8	0.0000198	0.000663	0.000309	0.000976
2112 Dec	86.8	0.0535	0.0191	0.00112	14.5	0.0418	25.7	0.000885	0.000885	0.00000449	0.00664	0.00147	0.0357	0.0249	0.00000511	22.8	0.0000198	0.000665	0.000309	0.000977
2113 Jan	86.9	0.0535	0.0191	0.00112	14.5	0.0418	25.8	0.000885	0.000885	0.00000449	0.00664	0.00147	0.0358	0.0249	0.00000511	22.8	0.0000198	0.000666	0.000309	0.000977
2113 Feb	86.9	0.0535	0.0191	0.00112	14.5	0.0419	25.8	0.000885	0.000885	0.00000449	0.00664	0.00147	0.0358	0.0249	0.00000512	22.8	0.0000198	0.000667	0.000309	0.000977
2113 Mar	87.2	0.0537	0.0191	0.00112	14.6	0.042	25.9	0.000888	0.000888	0.00000451	0.00666	0.00147	0.0359	0.025	0.00000513	22.9	0.0000199	0.000669	0.00031	0.00098
2113 Apr	87.6	0.0539	0.0192	0.00112	14.6	0.0422	26	0.000892	0.000892	0.00000453	0.00669	0.00148	0.0361	0.0251	0.00000516	23	0.00002	0.000672	0.000311	0.000985
2113 May	90.5	0.055	0.0197	0.00113	15.1	0.0422	26.6	0.000901	0.000901	0.00000457	0.00675	0.00153	0.0367	0.0264	0.00000522	24	0.0000205	0.000694	0.000334	0.00101
2113 Jun	91.4	0.0535	0.0208	0.00112	15.6	0.0396	26	0.000887	0.000887	0.0000045	0.00661	0.00154	0.0354	0.0276	0.00000512	24.8	0.0000209	0.000692	0.000363	0.00102
2113 Jul	93	0.0536	0.021	0.00115	15.8	0.041	26.4	0.000921	0.000921	0.00000467	0.00682	0.00158	0.0361	0.0281	0.0000053	25.2	0.0000213	0.000703	0.000367	0.00104
2113 Aug	94.6	0.0539	0.021	0.00117	15.9	0.0425	27.2	0.000944	0.000944	0.00000479	0.00694	0.00162	0.0372	0.0284	0.00000544	25.6	0.0000215	0.000719	0.000368	0.00106
2113 Sep	93.7	0.055	0.0199	0.00115	15.5	0.0434	27.5	0.000935	0.000935	0.00000474	0.00693	0.00159	0.0377	0.0277	0.0000054	25.1	0.0000212	0.000718	0.000353	0.00105
2113 Oct	89.4	0.0583	0.0182	0.0011	14.7	0.0438	27.1	0.000893	0.000893	0.00000454	0.00682	0.0015	0.0374	0.0255	0.00000519	23.5	0.0000202	0.000692	0.000314	0.00101
2113 Nov	88.9	0.0597	0.018	0.0011	14.6	0.0443	27.2	0.000888	0.000888	0.00000451	0.00684	0.00149	0.0376	0.0251	0.00000517	23.2	0.0000201	0.00069	0.000305	0.001
2113 Dec	89.1	0.0597	0.018	0.0011	14.6	0.0444	27.3	0.000888	0.000888	0.00000451	0.00685	0.00149	0.0377	0.0251	0.00000517	23.2	0.0000201	0.000692	0.000306	0.001
2114 Jan	89.1	0.0597	0.018	0.0011	14.6	0.0444	27.4	0.000888	0.000888	0.00000451	0.00685	0.00149	0.0377	0.0251	0.00000517	23.2	0.0000201	0.000693	0.000306	0.001
2114 Feb	89.2	0.0597	0.018	0.0011	14.6	0.0444	27.4	0.000888	0.000888	0.00000451	0.00685	0.00149	0.0378	0.0251	0.00000518	23.2	0.0000201	0.000693	0.000306	0.001
2114 Mar	89.3	0.0598	0.0181	0.0011	14.6	0.0445	27.4	0.000889	0.000889	0.00000452	0.00686	0.00149	0.0378	0.0252	0.00000518	23.3	0.0000201	0.000694	0.000306	0.00101
2114 Apr	89.6	0.06	0.0181	0.0011	14.6	0.0446	27.5	0.000892	0.000892	0.00000453	0.00688	0.0015	0.038	0.0253	0.0000052	23.3	0.0000202	0.000696	0.000307	0.00101
2114 May	92.2	0.0601	0.0192	0.00111	15.2	0.0438	27.8	0.000892	0.000892	0.00000453	0.00684	0.00154	0.038	0.0266	0.00000521	24.4	0.0000206	0.000713	0.000335	0.00103
2114 Jun	95.1	0.0597	0.0207	0.00113	16	0.0424	27.7	0.000905	0.000905	0.00000459	0.00688	0.0016	0.0375	0.0284	0.00000526	25.7	0.0000214	0.000726	0.000371	0.00106

Appendix D.2-10: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	99.2	0.0615	0.0214	0.00118	16.6	0.0445	29	0.000952	0.000952	0.00000484	0.00722	0.00167	0.0393	0.0296	0.00000553	26.7	0.0000224	0.000758	0.000383	0.00111
2114 Aug	104	0.064	0.0222	0.00124	17.3	0.0472	30.7	0.000999	0.000999	0.00000508	0.00756	0.00175	0.0417	0.0309	0.00000581	28	0.0000234	0.0008	0.000399	0.00116
2114 Sep	102	0.0644	0.0208	0.0012	16.7	0.0479	30.8	0.000983	0.000983	0.000005	0.00749	0.00171	0.042	0.0298	0.00000574	27.2	0.0000228	0.000793	0.000378	0.00114
2114 Oct	100	0.0657	0.0191	0.00115	16	0.0485	31.2	0.000954	0.000954	0.00000485	0.00742	0.00166	0.0426	0.0285	0.00000561	26.3	0.0000223	0.000789	0.000354	0.00111
2114 Nov	98.6	0.0667	0.0178	0.00111	15.4	0.049	31.5	0.000932	0.000932	0.00000474	0.00737	0.00163	0.0431	0.0275	0.00000552	25.6	0.000022	0.000786	0.000335	0.00109
2114 Dec	98.9	0.0667	0.0178	0.00111	15.4	0.0492	31.8	0.000931	0.000931	0.00000474	0.00737	0.00163	0.0435	0.0275	0.00000552	25.6	0.000022	0.000791	0.000335	0.00109
2115 Jan	99	0.0667	0.0178	0.00111	15.4	0.0492	31.9	0.000931	0.000931	0.00000474	0.00738	0.00163	0.0436	0.0275	0.00000552	25.6	0.000022	0.000793	0.000335	0.00109
2115 Feb	99.1	0.0667	0.0178	0.00111	15.4	0.0493	31.9	0.000931	0.000931	0.00000474	0.00738	0.00163	0.0436	0.0275	0.00000552	25.6	0.0000221	0.000794	0.000335	0.00109
2115 Mar	99.2	0.0668	0.0178	0.00111	15.4	0.0493	32	0.000931	0.000931	0.00000474	0.00738	0.00163	0.0437	0.0275	0.00000553	25.7	0.0000221	0.000795	0.000336	0.00109
2115 Apr	99.7	0.0671	0.0179	0.00112	15.4	0.0496	32.1	0.000936	0.000936	0.00000477	0.00742	0.00164	0.0439	0.0276	0.00000556	25.8	0.0000222	0.000799	0.000337	0.0011
2115 May	99.9	0.0668	0.0187	0.00112	16	0.0475	30.9	0.000936	0.000936	0.00000476	0.00733	0.00166	0.042	0.0288	0.00000551	26.5	0.0000222	0.000785	0.000363	0.00111
2115 Jun	103	0.0677	0.02	0.00114	16.8	0.0465	30.5	0.000959	0.000959	0.00000487	0.00743	0.00172	0.0412	0.0306	0.0000056	27.8	0.0000229	0.000791	0.000397	0.00114
2115 Jul	105	0.0686	0.0204	0.00119	17.2	0.0484	31.2	0.000999	0.000999	0.00000508	0.00767	0.00177	0.0422	0.0314	0.00000582	28.5	0.0000234	0.000809	0.000404	0.00118
2115 Aug	100	0.0643	0.0189	0.00115	16.3	0.0481	29.9	0.000982	0.000982	0.00000499	0.00739	0.00171	0.0409	0.0297	0.00000571	27.1	0.0000219	0.000772	0.000375	0.00114
2115 Sep	100	0.0637	0.0181	0.00114	16	0.0492	30.5	0.000979	0.000979	0.00000498	0.00736	0.0017	0.0419	0.0291	0.00000571	26.8	0.0000215	0.000779	0.000362	0.00113
2115 Oct	101	0.0643	0.0178	0.00113	15.9	0.0499	31.2	0.000974	0.000974	0.00000495	0.00738	0.0017	0.0428	0.029	0.00000571	26.7	0.0000216	0.000791	0.000358	0.00113
2115 Nov	99.6	0.0651	0.0171	0.00111	15.5	0.0501	31.4	0.000962	0.000962	0.00000489	0.00736	0.00167	0.0431	0.0284	0.00000566	26.3	0.0000214	0.000789	0.000347	0.00112
2115 Dec	99.9	0.0652	0.017	0.00111	15.5	0.0503	31.7	0.000961	0.000961	0.00000489	0.00737	0.00168	0.0434	0.0284	0.00000566	26.3	0.0000215	0.000794	0.000346	0.00112
2116 Jan	100	0.0652	0.017	0.00111	15.5	0.0504	31.8	0.000961	0.000961	0.00000489	0.00737	0.00168	0.0436	0.0284	0.00000566	26.3	0.0000215	0.000796	0.000346	0.00112
2116 Feb	100	0.0652	0.017	0.00111	15.5	0.0505	31.8	0.000961	0.000961	0.00000489	0.00737	0.00168	0.0436	0.0284	0.00000567	26.4	0.0000215	0.000797	0.000347	0.00112
2116 Mar	100	0.0652	0.0171	0.00111	15.5	0.0505	31.8	0.000962	0.000962	0.00000489	0.00738	0.00168	0.0437	0.0284	0.00000567	26.4	0.0000216	0.000798	0.000347	0.00112
2116 Apr	101	0.0655	0.0171	0.00111	15.6	0.0507	32	0.000966	0.000966	0.00000492	0.00741	0.00169	0.0439	0.0285	0.0000057	26.5	0.0000217	0.000801	0.000348	0.00112
2116 May	104	0.0656	0.0178	0.00112	16	0.0506	33	0.000967	0.000967	0.00000492	0.00743	0.00173	0.0449	0.0297	0.00000573	27.5	0.0000222	0.000829	0.000371	0.00114
2116 Jun	99.6	0.0583	0.0203	0.00111	16	0.0443	30.5	0.000905	0.000905	0.0000046	0.00688	0.00165	0.0411	0.0293	0.00000535	26.6	0.0000218	0.000784	0.000382	0.00108
2116 Jul	102	0.0588	0.0209	0.00116	16.3	0.0455	31	0.000947	0.000947	0.00000481	0.00718	0.00169	0.0419	0.0298	0.00000557	27.1	0.0000228	0.000799	0.000387	0.00111
2116 Aug	105	0.0606	0.0213	0.0012	16.8	0.0474	32	0.000982	0.000982	0.000005	0.00743	0.00175	0.0434	0.0307	0.00000577	27.9	0.0000234	0.000825	0.000396	0.00114
2116 Sep	101	0.0614	0.0195	0.00115	16	0.0476	31.4	0.000955	0.000955	0.00000486	0.00731	0.00168	0.0429	0.0291	0.00000563	26.7	0.0000225	0.000801	0.000368	0.00111
2116 Oct	96.7	0.0644	0.0178	0.00111	15.2	0.0477	30.4	0.000926	0.000926	0.00000471	0.00725	0.00161	0.0418	0.0272	0.00000546	25.3	0.0000216	0.000766	0.000334	0.00107
2116 Nov	96.7	0.0651	0.0177	0.00111	15.2	0.048	30.6	0.000926	0.000926	0.00000471	0.00727	0.0016	0.0419	0.0271	0.00000546	25.2	0.0000216	0.000767	0.000331	0.00107
2116 Dec	96.8	0.0651	0.0177	0.00111	15.2	0.0481	30.7	0.000926	0.000926	0.00000471	0.00727	0.0016	0.0421	0.0271	0.00000546	25.2	0.0000216	0.000769	0.000331	0.00107
2117 Jan	96.9	0.0651	0.0177	0.00111	15.2	0.0481	30.7	0.000926	0.000926	0.00000471	0.00727	0.0016	0.0421	0.0271	0.00000546	25.2	0.0000216	0.00077	0.000331	0.00107
2117 Feb	96.9	0.0651	0.0177	0.00111	15.2	0.0481	30.7	0.000926	0.000926	0.00000471	0.00727	0.0016	0.0421	0.0271	0.00000546	25.2	0.0000216	0.00077	0.000331	0.00107
2117 Mar	97	0.0651	0.0177	0.00111	15.2	0.0482	30.8	0.000927	0.000927	0.00000472	0.00728	0.00161	0.0422	0.0271	0.00000547	25.2	0.0000216	0.000771	0.000331	0.00107
2117 Apr	97.5	0.0655	0.0178	0.00111	15.3	0.0485	30.9	0.000932	0.000932	0.00000474	0.00732	0.00162	0.0424	0.0273	0.0000055	25.4	0.0000218	0.000775	0.000333	0.00108
2117 May	98.8	0.0661	0.0184	0.00112	15.8	0.0477	30.5	0.000941	0.000941	0.00000479	0.00735	0.00165	0.0417	0.0284	0.00000553	26.1	0.000022	0.000776	0.000354	0.0011
2117 Jun	99.4	0.0649	0.0199	0.00114	16.4	0.0452	29.2	0.000946	0.000946	0.00000481	0.00729	0.00167	0.0397	0.0297	0.00000551	26.9	0.0000223	0.000763	0.000383	0.00111
2117 Jul	103	0.0665	0.0204	0.00119	16.9	0.0472	30.2	0.00099	0.00099	0.00000503	0.00758	0.00174	0.0411	0.0306	0.00000575	27.8	0.0000231	0.000788	0.000394	0.00116
2117 Aug	104	0.067	0.0205	0.00121	17.1	0.0485	30.6	0.00101	0.00101	0.00000515	0.00771	0.00176	0.0418	0.031	0.00000588	28.1	0.0000233	0.000798	0.000395	0.00117
2117 Sep	105	0.0679	0.0203	0.00121	17.1	0.0494	31.2	0.00102	0.00102	0.00000519	0.00779	0.00178	0.0427	0.031	0.00000594	28.3	0.0000234	0.000809	0.000394	0.00118
2117 Oct	103	0.0688	0.0195	0.00119	16.8	0.0496	31.1	0.00101	0.00101	0.00000512	0.00775	0.00175	0.0425	0.0303	0.00000587	27.7	0.0000231	0.0008	0.00038	0.00117
2117 Nov	103	0.0691	0.0191	0.00118	16.6	0.0496	31	0.001	0.001	0.00000509	0.00774	0.00173	0.0425	0.03	0.00000583	27.5	0.000023	0.000796	0.000375	0.00116
2117 Dec	103	0.0691	0.0191	0.00118	16.6	0.0497	31.1	0.001	0.001	0.00000508	0.00773	0.00173	0.0426	0.0299	0.00000583	27.4	0.000023	0.000798	0.000374	0.00116
2118 Jan	103	0.0691	0.0191	0.00118	16.6	0.0497	31.2	0.001	0.001	0.00000508	0.00773	0.00173	0.0427	0.0299	0.00000583	27.5	0.000023	0.000799	0.000374	0.00116
2118 Feb	103	0.0691	0.0191	0.00118	16.6	0.0497	31.2	0.001	0.001	0.00000508	0.00774	0.00173	0.0427	0.0299	0.00000583	27.5	0.000023	0.000799	0.000374	0.00116
2118 Mar	103	0.0691	0.0191	0.00118	16.6	0.0498	31.2	0.001	0.001	0.00000508	0.00774	0.00173	0.0427	0.0299	0.00000583	27.5	0.000023	0.0008	0.000374	0.00116
2118 Apr	103	0.0696	0.0192	0.00118	16.7	0.0499	31.3	0.001	0.001	0.0000051	0.00776	0.00174	0.0428	0.0302	0.00000585	27.7	0.0000231	0.000802	0.000378	0.00117
2118 May	103	0.0685	0.0203	0.00116	17.3	0.0464	29.5	0.000985	0.000985	0.000005	0.00751	0.00175	0.0399	0.0316	0.00000569	28.5	0.0000228	0.00078	0.000412	0.00117
2118 Jun	96.3	0.0625	0.0217	0.00114	17.2	0.0398	25.3	0.000931	0.000931	0.00000472	0.00695	0.00166	0.034	0.031	0.0000053	27.4	0.0000217	0.0007	0.00042	0.00111
2118 Jul	100	0.0646	0.0225	0.00119	17.8	0.0418	26.3	0.000981	0.000981	0.00000497	0.0073	0.00173	0.0354	0.0322	0.00000557	28.4	0.0000227	0.000728	0.000435	0.00116
2118 Aug	96.8	0.0622	0.0211	0.00117	17.1	0.0423	25.6	0.000973	0.000973	0.00000493	0.00714	0.00169	0.0349	0.0308	0.00000552	27.4	0.0000215	0.000705	0.000408	0.00113
2118 Sep	91.8	0.0626	0.0191	0.00112	16	0.0429	25.2	0.000931	0.000931	0.00000472	0.00694	0.00159	0.0348	0.0282	0.00000531	25.4	0.0000202	0.000677	0.000361	0.00107
2118 Oct	89.5	0.0647	0.0184	0.0011	15.5	0.0437	25.5	0.000907	0.000907	0.0000046	0.00691	0.00153	0.0352	0.0267	0.0000052	24.3	0.0000197	0.000667	0.000332	0.00104
2118 Nov	89.6	0.0651	0.0183	0.0011	15.3	0.0441	25.9	0.0009	0.0009	0.00000457	0.0069	0.00152	0.0358	0.0264	0.00000518	24.1	0.0000197	0.000672	0.000326	0.00103
2118 Dec	89.7	0.0651	0.0183	0.0011	15.3	0.0442	26	0.000901	0.000901	0.00000457	0.00691	0.00152	0.0358	0.0264	0.00000518	24.1	0.0000197	0.000674	0.000326	0.00103
2119 Jan	89.7	0.0651	0.0183	0.0011	15.3	0.0442	26	0.000901	0.000901	0.00000457	0.00691	0.00152	0.0359	0.0264	0.00000519	24.1	0.0000197	0.000675	0.000326	0.00103
2119 Feb	89.8	0.0651	0.0183	0.0011	15.3	0.0442	26.1	0.000901	0.000901	0.00000457	0.00691	0.00152	0.0359	0.0264	0.00000519	24.1	0.0000197	0.000675	0.000326	0.00103
2119 Mar	90	0.0652	0.0184	0.0011	15.4	0.0443	26.1	0.000902	0.000902	0.00000458	0.00692	0.00153	0.036	0.0264	0.0000052	24.2	0.0000198	0.000677	0.000327	0.00104
2119 Apr	91.5	0.0666	0.0188	0.00111	15.8	0.0443	26.2	0.00091	0.00091	0.00000462	0.00695	0.00156	0.036	0.0273	0.00000523	24.9	0.0000199	0.000684	0.000342	0.00106
2119 May	95.4	0.0683	0.0216	0.0011	17.6	0.0401	24.6	0.000897	0.000897	0.00000455	0.00668	0.00165	0.0328	0.0312	0.0000051	27.5	0.00002	0.00068	0.000423	0.00111
2119 Jun	93.2	0.0651	0.0218	0.00111	17.3	0.0384	23.5	0.000894	0.000894	0.00000453	0.00662	0.00162	0.0314	0.0307	0.00000506	27	0.0000201	0.000659	0.000418	0.00109
2119 Jul	96.8	0.0664	0.0224	0.00116	17.8	0.0402	24.6	0.000939	0.000939	0.00000476	0.00696	0.00168	0.033	0.0316	0.00000531	27.8	0.0000212	0.000688	0.000429	0.00113
2119 Aug	97.3	0.0663	0.022	0.00117	17.8	0.0418	25	0.000959	0.000959	0.00000486	0.00705	0.00169	0.0339	0.0315	0.00000542	27.9	0.0000211	0.000696	0.000422	0.00114
2119 Sep	94.5	0.0655	0.0202	0.00113	16.9	0.0426	25.1	0.000939	0.000939	0.00000476	0.00694	0.00164	0.0343	0.0299	0.00000533	26.7	0.0000202	0.000685	0.000392	0.0011
2119 Oct	93.1	0.0666	0.0192	0.0011	16.3	0.0433	25.6	0.00092	0.00092	0.00000466	0.00692	0.0016	0.035	0.0288	0.00000526	25.9	0.00002	0.000684	0.00037	0.00108
2119 Nov	93	0.0669	0.0191	0.0011	16.2	0.0439	26.2	0.00091	0.00091	0.00000462	0.00691	0.00159	0.0358	0.0283	0.00000523	25.6	0.0000199	0.000692	0.000361	0.00107
2119 Dec	93.2	0.0669	0.0191	0.0011	16.2	0.044	26.3	0.00091	0.00091	0.00000462	0.00691	0.00159	0.036	0.0283	0.00000524	25.6	0.00002	0.000694	0.000361	0.00107

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0522	0.00000962	1.07	1.62	0.0208	0.000209	3.47	0.00109	0.0483	0.000147	0.000133	0.0000513	0.0664	0.00000192	0.0000594	0.000464	0.00154	0
Operation (2026-2036): Mean	0.0639	0.0000107	1.26	2.13	0.0333	0.000268	4.27	0.00122	0.0521	0.000258	0.00017	0.0000634	0.086	0.00000214	0.0000677	0.000564	0.00182	0
Operation (2026-2036): Max	0.0924	0.0000116	1.59	2.94	0.0527	0.000327	5.57	0.00146	0.0563	0.000427	0.000201	0.0000838	0.117	0.00000232	0.0000788	0.000738	0.00206	0
Active Closure (2037-2043): Min	0.0478	0.00000972	1.17	1.96	0.0286	0.000278	3.99	0.00113	0.0443	0.00017	0.000145	0.000057	0.0792	0.00000193	0.0000654	0.000459	0.00164	0
Active Closure (2037-2043): Mean	0.0612	0.0000115	2.47	4.11	0.0449	0.000881	17.7	0.00233	0.0495	0.000297	0.000256	0.000107	0.15	0.00000217	0.000554	0.000614	0.00178	0
Active Closure (2037-2043): Max	0.0773	0.0000122	2.91	4.89	0.0614	0.00115	23.5	0.00273	0.0559	0.000453	0.000298	0.000125	0.177	0.0000023	0.000745	0.000797	0.00189	0
Post Closure (2044-2119): Min	0.0427	0.00000964	2.25	3.44	0.0273	0.000819	4.32	0.00213	0.0409	0.000127	0.000197	0.0000912	0.125	0.00000189	0.000515	0.000435	0.00131	0
Post Closure (2044-2119): Mean	0.0639	0.0000112	2.93	4.89	0.0534	0.0011	6.5	0.0027	0.0473	0.000349	0.000268	0.000125	0.179	0.00000215	0.000716	0.000649	0.00166	0
Post Closure (2044-2119): Max	0.0826	0.0000133	3.92	6.67	0.0769	0.00148	18.3	0.00361	0.0539	0.000548	0.000374	0.000169	0.24	0.00000249	0.001	0.000909	0.00202	0
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0.0912	0.0000113	1.57	2.9	0.052	0.000323	5.49	0.00144	0.0539	0.000422	0.000171	0.0000827	0.116	0.00000226	0.0000778	0.000728	0.00184	0
2026 Feb	0.0912	0.0000113	1.57	2.9	0.052	0.000323	5.49	0.00144	0.0539	0.000422	0.000171	0.0000827	0.116	0.00000226	0.0000778	0.000728	0.00184	0
2026 Mar	0.0913	0.0000113	1.57	2.91	0.052	0.000323	5.5	0.00144	0.0539	0.000422	0.000171	0.0000827	0.116	0.00000226	0.0000779	0.000729	0.00184	0
2026 Apr	0.0915	0.0000114	1.57	2.91	0.0521	0.000324	5.51	0.00144	0.0541	0.000423	0.000172	0.0000829	0.116	0.00000227	0.000078	0.00073	0.00184	0
2026 May	0.0924	0.0000115	1.59	2.94	0.0527	0.000327	5.57	0.00146	0.0546	0.000427	0.000173	0.0000838	0.117	0.00000229	0.0000788	0.000738	0.00186	0
2026 Jun	0.0829	0.000011	1.45	2.64	0.0472	0.000279	5.01	0.00137	0.0521	0.000382	0.000182	0.0000769	0.105	0.00000219	0.0000724	0.000703	0.00187	0
2026 Jul	0.0825	0.0000112	1.46	2.62	0.0464	0.000276	4.99	0.00138	0.053	0.000374	0.000188	0.0000767	0.105	0.00000224	0.0000729	0.000704	0.00192	0
2026 Aug	0.0823	0.0000113	1.46	2.62	0.0456	0.000282	5.02	0.00138	0.0536	0.000368	0.000185	0.0000768	0.105	0.00000227	0.0000734	0.000689	0.00192	0
2026 Sep	0.0827	0.0000115	1.47	2.63	0.0456	0.000289	5.07	0.0014	0.0542	0.000367	0.000185	0.0000773	0.105	0.00000229	0.0000744	0.000689	0.00193	0
2026 Oct	0.0812	0.0000114	1.46	2.6	0.0444	0.000295	5.02	0.00138	0.054	0.000355	0.000179	0.0000758	0.104	0.00000227	0.0000743	0.000672	0.0019	0
2026 Nov	0.0814	0.0000114	1.46	2.6	0.0445	0.000296	5.03	0.00138	0.0541	0.000356	0.000179	0.000076	0.104	0.00000228	0.0000745	0.000673	0.0019	0
2026 Dec	0.0814	0.0000114	1.46	2.6	0.0445	0.000296	5.03	0.00138	0.0542	0.000356	0.000179	0.000076	0.104	0.00000228	0.0000745	0.000673	0.0019	0
2027 Jan	0.0814	0.0000114	1.46	2.6	0.0445	0.000296	5.03	0.00138	0.0542	0.000356	0.000179	0.000076	0.104	0.00000228	0.0000745	0.000673	0.0019	0
2027 Feb	0.0814	0.0000114	1.46	2.6	0.0445	0.000296	5.03	0.00138	0.0542	0.000356	0.000179	0.000076	0.104	0.00000228	0.0000745	0.000673	0.0019	0
2027 Mar	0.0815	0.0000114	1.46	2.6	0.0445	0.000297	5.04	0.00138	0.0542	0.000356	0.00018	0.0000761	0.104	0.00000228	0.0000745	0.000674	0.0019	0
2027 Apr	0.0818	0.0000114	1.47	2.61	0.0447	0.000298	5.05	0.00139	0.0544	0.000357	0.00018	0.0000764	0.105	0.00000229	0.0000748	0.000676	0.00191	0
2027 May	0.0829	0.0000116	1.49	2.65	0.0454	0.000301	5.12	0.0014	0.0551	0.000363	0.000183	0.0000774	0.106	0.00000232	0.0000758	0.000686	0.00194	0
2027 Jun	0.074	0.000011	1.35	2.35	0.0398	0.000257	4.57	0.00131	0.052	0.000316	0.000187	0.0000702	0.0944	0.0000022	0.0000694	0.000645	0.00192	0
2027 Jul	0.0709	0.000011	1.31	2.23	0.0371	0.000242	4.38	0.00128	0.0519	0.000293	0.000193	0.0000676	0.0898	0.00000221	0.0000679	0.00063	0.00196	0
2027 Aug	0.0728	0.0000114	1.35	2.3	0.0379	0.000253	4.52	0.00132	0.0535	0.000299	0.000197	0.0000697	0.0925	0.00000228	0.0000701	0.000642	0.00201	0
2027 Sep	0.0715	0.0000113	1.34	2.27	0.0367	0.000264	4.5	0.00131	0.0534	0.000287	0.00019	0.0000687	0.0916	0.00000227	0.0000703	0.000621	0.00197	0
2027 Oct	0.0704	0.0000112	1.32	2.24	0.0356	0.000272	4.47	0.00129	0.0532	0.000277	0.000183	0.0000674	0.0905	0.00000225	0.0000704	0.000604	0.00193	0
2027 Nov	0.0701	0.0000112	1.32	2.24	0.0353	0.000276	4.47	0.00129	0.0533	0.000274	0.000181	0.000067	0.0903	0.00000224	0.0000706	0.000599	0.00192	0
2027 Dec	0.07	0.0000112	1.32	2.24	0.0353	0.000276	4.47	0.00129	0.0533	0.000273	0.000181	0.000067	0.0903	0.00000224	0.0000706	0.000598	0.00192	0
2028 Jan	0.07	0.0000112	1.32	2.24	0.0353	0.000276	4.47	0.00129	0.0533	0.000273	0.000181	0.000067	0.0903	0.00000224	0.0000706	0.000598	0.00192	0
2028 Feb	0.07	0.0000112	1.32	2.24	0.0353	0.000276	4.47	0.00129	0.0533	0.000274	0.000181	0.000067	0.0903	0.00000224	0.0000706	0.000598	0.00192	0
2028 Mar	0.07	0.0000112	1.32	2.24	0.0353	0.000276	4.47	0.00129	0.0533	0.000274	0.000181	0.000067	0.0903	0.00000224	0.0000706	0.000599	0.00192	0
2028 Apr	0.0702	0.0000112	1.32	2.24	0.0353	0.000277	4.48	0.00129	0.0534	0.000274	0.000182	0.0000672	0.0905	0.00000225	0.0000708	0.0006	0.00193	0
2028 May	0.0708	0.0000113	1.34	2.26	0.0357	0.000279	4.52	0.0013	0.0539	0.000277	0.000183	0.0000678	0.0913	0.00000227	0.0000714	0.000605	0.00194	0
2028 Jun	0.0653	0.000011	1.25	2.06	0.032	0.000247	4.14	0.00124	0.0518	0.000246	0.000188	0.000063	0.0833	0.0000022	0.0000671	0.000581	0.00194	0
2028 Jul	0.0632	0.000011	1.22	1.98	0.0303	0.000234	4	0.00122	0.0515	0.000232	0.000193	0.0000613	0.0802	0.0000022	0.0000658	0.000573	0.00197	0
2028 Aug	0.0661	0.0000115	1.27	2.07	0.0316	0.000246	4.2	0.00128	0.054	0.000241	0.000201	0.0000642	0.084	0.0000023	0.000069	0.000597	0.00206	0
2028 Sep	0.0664	0.0000116	1.29	2.09	0.0314	0.000257	4.25	0.00129	0.0546	0.000239	0.000199	0.0000644	0.0847	0.00000232	0.0000701	0.000594	0.00206	0
2028 Oct	0.0634	0.0000112	1.24	2.02	0.0291	0.000275	4.15	0.00124	0.0536	0.000217	0.000182	0.0000611	0.082	0.00000224	0.0000697	0.00055	0.00194	0
2028 Nov	0.0633	0.0000112	1.24	2.02	0.0288	0.00028	4.16	0.00123	0.0537	0.000214	0.000179	0.0000609	0.082	0.00000224	0.00007	0.000546	0.00193	0
2028 Dec	0.0633	0.0000112	1.24	2.02	0.0288	0.00028	4.16	0.00124	0.0537	0.000215	0.00018	0.0000609	0.082	0.00000224	0.0000701	0.000546	0.00194	0
2029 Jan	0.0633	0.0000112	1.24	2.02	0.0288	0.00028	4.16	0.00124	0.0537	0.000215	0.00018	0.0000609	0.082	0.00000224	0.0000701	0.000546	0.00194	0
2029 Feb	0.0633	0.0000112	1.24	2.02	0.0288	0.00028	4.16	0.00124	0.0537	0.000215	0.00018	0.0000609	0.082	0.00000224	0.0000701	0.000546	0.00194	0
2029 Mar	0.0633	0.0000112	1.24	2.02	0.0288	0.00028	4.16	0.00124	0.0537	0.000215	0.00018	0.0000609	0.082	0.00000225	0.0000701	0.000546	0.00194	0
2029 Apr	0.0633	0.0000112	1.25	2.02	0.0289	0.00028	4.16	0.00124	0.0538	0.000215	0.00018	0.000061	0.0821	0.00000225	0.0000701	0.000547	0.00194	0
2029 May	0.0637	0.0000113	1.25	2.04	0.029	0.000282	4.19	0.00124	0.0541	0.000216	0.000181	0.0000613	0.0826	0.00000226	0.0000706	0.00055	0.00195	0
2029 Jun	0.0626	0.0000113	1.24	1.99	0.0285	0.000268	4.1	0.00124	0.0538	0.000212	0.000187	0.0000606	0.0809	0.00000226	0.0000694	0.000554	0.00198	0
2029 Jul	0.0555	0.0000105	1.1	1.73	0.024	0.000222	3.6	0.00113	0.0497	0.000178	0.000182	0.0000541	0.0703	0.00000211	0.0000621	0.000502	0.00189	0
2029 Aug	0.0566	0.0000108	1.13	1.77	0.0242	0.000231	3.7	0.00116	0.0509	0.000179	0.000182	0.0000554	0.072	0.00000217	0.0000636	0.0005	0.00192	0
2029 Sep	0.057	0.000011	1.15	1.79	0.0242	0.00024	3.76	0.00117	0.0516	0.000178	0.000181	0.0000559	0.0729	0.00000219	0.0000647	0.000499	0.00192	0
2029 Oct	0.0564	0.0000109	1.14	1.78	0.0236	0.000251	3.76	0.00116	0.0515	0.000172	0.000175	0.0000551	0.0726	0.00000217	0.0000651	0.000487	0.00189	0
2029 Nov	0.0551	0.0000107	1.12	1.75	0.0225	0.000262	3.72	0.00113	0.051	0.000162	0.000165	0.0000535	0.0715	0.00000213	0.0000651	0.000466	0.00182	0
2029 Dec	0.0551	0.0000107	1.12	1.75	0.0225	0.000262	3.72	0.00113	0.051	0.000162	0.000165	0.0000536	0.0715	0.00000213	0.0000651	0.000466	0.00182	0
2030 Jan	0.0551	0.0000107	1.12	1.75	0.0225	0.000262	3.72	0.00113	0.051	0.000162	0.000165	0.0000536	0.0715	0.00000213	0.0000651	0.000466	0.00182	0
2030 Feb	0.0551	0.0000107	1.12	1.75	0.0226	0.000262	3.73	0.00113	0.051	0.000162	0.000165	0.0000536	0.0715	0.00000213	0.0000651	0.000466	0.00182	0
2030 Mar	0.0551	0.0000107	1.12	1.75	0.0226	0.000262	3.73	0.00113	0.051	0.000162	0.000165	0.0000536	0.0715	0.00000213	0.0000651	0.000466	0.00182	0
2030 Apr	0.0552	0.0000107	1.12	1.76	0.0226	0.000262	3.73	0.00113	0.051	0.000163	0.000166	0.0000536	0.0716	0.00000214	0.0000652	0.000467	0.00182	0
2030 May	0.0558	0.0000108	1.13	1.77	0.0228	0.000265	3.77	0.00114	0.0516	0.000164	0.000167	0.0000542	0.0724	0.00000216	0.0000659	0.000471	0.00184	0
2030 Jun	0.0535	0.0000106	1.09	1.68	0.0216	0.00024	3.57	0.00112	0.0504	0.000155	0.000176	0.0000524	0.0687	0.00000213	0.0000634	0.000474	0.00187	0
2030 Jul	0.0522	0.0000106	1.07	1.62	0.0208	0.000226	3.47	0.0011	0.0498	0.000149	0.000179	0.0000513	0.0664	0.00000211	0.0000618	0.00047	0.00188	0
2030 Aug	0.0533	0.0000108	1.09	1.66	0.021	0.000232	3.55	0.00113	0.0509	0.000151	0.00018	0.0000524	0.0678	0.00000216	0.0000631	0.00047	0.00191	0
2030 Sep	0.0545	0.0000111	1.12	1.7	0.0214	0.00024	3.64	0.00115	0.0521	0.000153	0.000183	0.0000537	0.0695	0.00000221	0.0000647	0.000478	0.00195	0
2030 Oct	0.0542	0.000011	1.11	1.69	0.0211	0.000247	3.65	0.00115	0.0521	0.00015	0.000178	0.0000532	0.0694	0.0000022	0.000065	0.00047	0.00192	0
2030 Nov	0.0538	0.0000109	1.11	1.69	0.0208	0.000252	3.64	0.00114	0.052	0.000147	0.000175	0.0000527	0.0692	0.00000219	0.0000651	0.000464	0.0019	0
2030 Dec	0.0538	0.0000109	1.11	1.69	0.0208	0.000252	3.64	0.00114	0.052	0.000147	0.000175	0.0000527	0.0692	0.00000219	0.0000651	0.000464	0.0019	0
2031 Jan	0.0538	0.0000109	1.11	1.69	0.0208	0.000252	3.64	0.00114	0.052	0.000147	0.000175	0.0000527	0.0692	0.00000219	0.0000651	0.000464	0.0019	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.0538	0.0000109	1.11	1.69	0.0208	0.000252	3.64	0.00114	0.052	0.000147	0.000175	0.0000527	0.0692	0.00000219	0.0000651	0.000464	0.0019	0
2031 Mar	0.0538	0.000011	1.11	1.69	0.0208	0.000252	3.64	0.00114	0.052	0.000147	0.000175	0.0000528	0.0692	0.00000219	0.0000651	0.000464	0.0019	0
2031 Apr	0.054	0.000011	1.11	1.7	0.0209	0.000253	3.66	0.00114	0.0522	0.000148	0.000176	0.0000529	0.0695	0.0000022	0.0000653	0.000466	0.00191	0
2031 May	0.0559	0.0000111	1.15	1.78	0.0229	0.000255	3.78	0.00117	0.0529	0.000166	0.000179	0.0000551	0.0725	0.00000222	0.0000663	0.000488	0.00193	0
2031 Jun	0.0622	0.0000108	1.24	2.09	0.0331	0.000239	4.15	0.00123	0.0527	0.000259	0.000186	0.0000634	0.0841	0.00000216	0.0000661	0.000585	0.00191	0
2031 Jul	0.0647	0.0000113	1.29	2.16	0.0343	0.000247	4.32	0.00128	0.055	0.000268	0.000195	0.0000659	0.0872	0.00000226	0.0000688	0.000608	0.002	0
2031 Aug	0.066	0.0000116	1.33	2.21	0.0347	0.000256	4.42	0.00131	0.0563	0.000271	0.000197	0.0000674	0.0891	0.00000232	0.0000705	0.000613	0.00203	0
2031 Sep	0.0646	0.0000115	1.31	2.17	0.0334	0.000267	4.39	0.00129	0.0558	0.000258	0.000188	0.000066	0.0879	0.00000229	0.0000705	0.000589	0.00198	0
2031 Oct	0.0621	0.0000111	1.27	2.11	0.031	0.000284	4.29	0.00124	0.0548	0.000236	0.000172	0.0000628	0.0852	0.00000223	0.0000702	0.00055	0.00188	0
2031 Nov	0.062	0.0000111	1.27	2.1	0.0309	0.000286	4.3	0.00124	0.0549	0.000235	0.000171	0.0000627	0.0851	0.00000223	0.0000704	0.000547	0.00188	0
2031 Dec	0.062	0.0000111	1.27	2.11	0.0309	0.000286	4.3	0.00124	0.0549	0.000235	0.000171	0.0000627	0.0851	0.00000223	0.0000704	0.000547	0.00188	0
2032 Jan	0.062	0.0000111	1.27	2.11	0.0309	0.000286	4.3	0.00124	0.0549	0.000235	0.000171	0.0000627	0.0852	0.00000223	0.0000704	0.000547	0.00188	0
2032 Feb	0.062	0.0000111	1.27	2.11	0.0309	0.000286	4.3	0.00124	0.0549	0.000235	0.000171	0.0000627	0.0852	0.00000223	0.0000704	0.000547	0.00188	0
2032 Mar	0.062	0.0000111	1.27	2.11	0.0309	0.000286	4.3	0.00124	0.0549	0.000235	0.000171	0.0000627	0.0852	0.00000223	0.0000704	0.000547	0.00188	0
2032 Apr	0.0622	0.0000112	1.27	2.11	0.0309	0.000287	4.31	0.00125	0.055	0.000235	0.000172	0.0000628	0.0853	0.00000223	0.0000706	0.000549	0.00188	0
2032 May	0.0628	0.0000113	1.29	2.13	0.0313	0.00029	4.35	0.00126	0.0555	0.000238	0.000173	0.0000635	0.0863	0.00000225	0.0000713	0.000555	0.0019	0
2032 Jun	0.0582	0.0000108	1.19	1.94	0.0289	0.000244	3.95	0.00119	0.0523	0.000219	0.000182	0.0000593	0.0786	0.00000215	0.0000656	0.000545	0.0019	0
2032 Jul	0.0524	0.0000101	1.07	1.71	0.0247	0.000209	3.51	0.00109	0.0483	0.000187	0.000175	0.0000533	0.0693	0.00000201	0.0000594	0.000494	0.0018	0
2032 Aug	0.0527	0.0000102	1.09	1.72	0.0244	0.000218	3.57	0.0011	0.0488	0.000184	0.000172	0.0000539	0.07	0.00000204	0.0000601	0.000483	0.0018	0
2032 Sep	0.0532	0.0000104	1.1	1.74	0.0245	0.000226	3.64	0.00112	0.0496	0.000183	0.000172	0.0000546	0.0711	0.00000208	0.0000613	0.000483	0.00182	0
2032 Oct	0.0534	0.0000104	1.11	1.75	0.0244	0.000232	3.66	0.00112	0.0499	0.000182	0.00017	0.0000547	0.0714	0.00000208	0.0000618	0.000482	0.00181	0
2032 Nov	0.0533	0.0000104	1.11	1.75	0.0243	0.000234	3.66	0.00112	0.0499	0.000181	0.000169	0.0000546	0.0714	0.00000208	0.000062	0.00048	0.00181	0
2032 Dec	0.0531	0.0000104	1.11	1.75	0.0241	0.000236	3.66	0.00112	0.0498	0.000179	0.000168	0.0000543	0.0712	0.00000208	0.000062	0.000476	0.0018	0
2033 Jan	0.0531	0.0000104	1.11	1.75	0.0241	0.000236	3.66	0.00112	0.0498	0.000179	0.000168	0.0000543	0.0712	0.00000208	0.000062	0.000476	0.0018	0
2033 Feb	0.0531	0.0000104	1.11	1.75	0.0241	0.000236	3.66	0.00112	0.0498	0.000179	0.000168	0.0000543	0.0713	0.00000208	0.000062	0.000476	0.0018	0
2033 Mar	0.0532	0.0000104	1.11	1.75	0.0241	0.000236	3.66	0.00112	0.0499	0.00018	0.000168	0.0000544	0.0713	0.00000208	0.000062	0.000477	0.0018	0
2033 Apr	0.0534	0.0000104	1.11	1.76	0.0243	0.000237	3.68	0.00112	0.0501	0.00018	0.000169	0.0000546	0.0716	0.00000209	0.0000623	0.000479	0.00181	0
2033 May	0.0593	0.0000105	1.21	2.02	0.0321	0.000235	4.05	0.00119	0.0511	0.000251	0.000175	0.0000617	0.0817	0.00000209	0.0000638	0.000555	0.00182	0
2033 Jun	0.0642	0.00000987	1.27	2.28	0.0416	0.000209	4.3	0.00122	0.0493	0.000339	0.000179	0.0000682	0.091	0.00000197	0.0000617	0.000642	0.00176	0
2033 Jul	0.0649	0.0000101	1.29	2.29	0.0415	0.000211	4.34	0.00124	0.0503	0.000338	0.000183	0.0000689	0.0916	0.00000202	0.0000627	0.000646	0.0018	0
2033 Aug	0.0672	0.0000105	1.33	2.37	0.0427	0.00022	4.5	0.00128	0.0522	0.000348	0.000189	0.0000712	0.0947	0.0000021	0.000065	0.000663	0.00186	0
2033 Sep	0.0653	0.0000104	1.31	2.32	0.0406	0.000236	4.45	0.00126	0.0518	0.000327	0.000178	0.0000692	0.0927	0.00000208	0.0000653	0.000631	0.0018	0
2033 Oct	0.0605	0.00000993	1.24	2.16	0.0353	0.000268	4.25	0.00118	0.0504	0.000278	0.000152	0.0000629	0.0868	0.00000199	0.0000652	0.000554	0.00165	0
2033 Nov	0.0602	0.00000993	1.23	2.16	0.0347	0.000274	4.25	0.00117	0.0505	0.000272	0.000149	0.0000624	0.0865	0.00000199	0.0000657	0.000546	0.00164	0
2033 Dec	0.0602	0.00000993	1.23	2.16	0.0347	0.000274	4.25	0.00117	0.0505	0.000272	0.000149	0.0000624	0.0866	0.00000199	0.0000657	0.000547	0.00164	0
2034 Jan	0.0602	0.00000993	1.23	2.16	0.0347	0.000274	4.25	0.00117	0.0505	0.000272	0.000149	0.0000624	0.0866	0.00000199	0.0000657	0.000547	0.00164	0
2034 Feb	0.0603	0.00000993	1.23	2.16	0.0347	0.000274	4.25	0.00117	0.0506	0.000272	0.000149	0.0000625	0.0866	0.00000199	0.0000657	0.000547	0.00164	0
2034 Mar	0.0603	0.00000993	1.23	2.16	0.0347	0.000274	4.25	0.00117	0.0506	0.000272	0.000149	0.0000625	0.0866	0.00000199	0.0000657	0.000547	0.00164	0
2034 Apr	0.0605	0.00000997	1.24	2.16	0.0348	0.000275	4.27	0.00118	0.0507	0.000273	0.00015	0.0000627	0.0869	0.00000199	0.0000659	0.000549	0.00164	0
2034 May	0.0628	0.0000101	1.28	2.26	0.0374	0.000276	4.42	0.00121	0.0516	0.000296	0.000154	0.0000654	0.0907	0.00000202	0.000067	0.000577	0.00167	0
2034 Jun	0.0689	0.00000989	1.36	2.53	0.047	0.00025	4.72	0.00127	0.0512	0.000384	0.000167	0.0000732	0.101	0.00000198	0.0000661	0.000676	0.00169	0
2034 Jul	0.0678	0.00000997	1.34	2.47	0.0451	0.000245	4.64	0.00126	0.0512	0.000369	0.000167	0.0000718	0.0983	0.00000199	0.0000656	0.000657	0.0017	0
2034 Aug	0.0709	0.0000105	1.41	2.58	0.0469	0.000258	4.86	0.00132	0.0537	0.000384	0.000174	0.0000751	0.103	0.00000209	0.0000688	0.000683	0.00177	0
2034 Sep	0.0688	0.0000104	1.38	2.51	0.0444	0.000274	4.79	0.00129	0.0533	0.00036	0.000164	0.0000725	0.1	0.00000207	0.0000691	0.000648	0.00172	0
2034 Oct	0.0647	0.00001	1.31	2.37	0.0397	0.000295	4.6	0.00122	0.0521	0.000316	0.000145	0.0000672	0.0947	0.000002	0.0000687	0.000586	0.00161	0
2034 Nov	0.0647	0.00001	1.31	2.37	0.0396	0.000297	4.6	0.00122	0.0523	0.000315	0.000144	0.0000672	0.0948	0.000002	0.0000689	0.000584	0.00161	0
2034 Dec	0.0647	0.00001	1.31	2.37	0.0396	0.000298	4.6	0.00122	0.0523	0.000315	0.000144	0.0000672	0.0948	0.00000201	0.000069	0.000584	0.00161	0
2035 Jan	0.0647	0.00001	1.31	2.37	0.0396	0.000298	4.6	0.00122	0.0523	0.000315	0.000144	0.0000672	0.0948	0.00000201	0.000069	0.000584	0.00161	0
2035 Feb	0.0647	0.00001	1.31	2.37	0.0396	0.000298	4.6	0.00122	0.0523	0.000315	0.000144	0.0000672	0.0948	0.00000201	0.000069	0.000584	0.00161	0
2035 Mar	0.0647	0.00001	1.31	2.37	0.0396	0.000298	4.61	0.00122	0.0523	0.000315	0.000145	0.0000672	0.0948	0.00000201	0.000069	0.000585	0.00161	0
2035 Apr	0.0649	0.0000101	1.32	2.38	0.0398	0.000299	4.62	0.00123	0.0525	0.000316	0.000145	0.0000674	0.0951	0.00000201	0.0000692	0.000586	0.00162	0
2035 May	0.0663	0.0000102	1.34	2.43	0.0409	0.000302	4.71	0.00125	0.0533	0.000326	0.000148	0.0000689	0.0972	0.00000204	0.0000703	0.000601	0.00164	0
2035 Jun	0.0643	0.00000976	1.29	2.34	0.0417	0.000247	4.44	0.00121	0.0502	0.000337	0.000163	0.0000678	0.0933	0.00000195	0.0000647	0.000627	0.00167	0
2035 Jul	0.0633	0.00000989	1.27	2.28	0.04	0.000239	4.34	0.00121	0.0504	0.000322	0.000169	0.0000666	0.0909	0.00000198	0.0000643	0.000621	0.00172	0
2035 Aug	0.0642	0.0000102	1.3	2.31	0.0401	0.000251	4.44	0.00123	0.0515	0.000322	0.000169	0.0000679	0.0925	0.00000203	0.0000658	0.000621	0.00174	0
2035 Sep	0.0604	0.00000986	1.24	2.19	0.036	0.000273	4.29	0.00118	0.0502	0.000283	0.00015	0.0000637	0.0879	0.00000197	0.0000652	0.000558	0.00163	0
2035 Oct	0.0587	0.00000974	1.22	2.14	0.0338	0.00029	4.24	0.00115	0.05	0.000262	0.000139	0.0000613	0.0859	0.00000195	0.0000658	0.000527	0.00158	0
2035 Nov	0.0575	0.00000962	1.2	2.1	0.0325	0.000296	4.18	0.00113	0.0496	0.000249	0.000133	0.0000597	0.0843	0.00000192	0.0000657	0.000507	0.00154	0
2035 Dec	0.0575	0.00000962	1.2	2.1	0.0325	0.000297	4.18	0.00113	0.0496	0.000249	0.000133	0.0000598	0.0843	0.00000192	0.0000657	0.000508	0.00154	0
2036 Jan	0.0575	0.00000962	1.2	2.1	0.0325	0.000297	4.18	0.00113	0.0497	0.000249	0.000133	0.0000598	0.0843	0.00000192	0.0000658	0.000508	0.00154	0
2036 Feb	0.0575	0.00000962	1.2	2.1	0.0325	0.000297	4.18	0.00113	0.0497	0.000249	0.000133	0.0000598	0.0843	0.00000192	0.0000658	0.000508	0.00154	0
2036 Mar	0.0575	0.00000962	1.2	2.1	0.0325	0.000297	4.18	0.00113	0.0497	0.000249	0.000133	0.0000598	0.0844	0.00000192	0.0000658	0.000508	0.00154	0
2036 Apr	0.0578	0.00000966	1.21	2.11	0.0327	0.000298	4.2	0.00113	0.0498	0.000251	0.000134	0.00006	0.0848	0.00000193	0.000066	0.00051	0.00154	0
2036 May	0.0589	0.00000981	1.23	2.15	0.0334	0.000302	4.28	0.00115	0.0507	0.000256	0.000136	0.0000611	0.0865	0.00000196	0.0000671	0.000521	0.00157	0
2036 Jun	0.0565	0.00000964	1.17	2.02	0.0321	0.000261	4	0.00112	0.0489	0.000247	0.000151	0.0000589	0.0813	0.00000193	0.0000632	0.000529	0.00163	0
2036 Jul	0.0554	0.00000974	1.15	1.94	0.0303	0.000247	3.88	0.00112	0.0488	0.000232	0.000157	0.0000576	0.0784	0.00000195	0.0000622	0.00052	0.00167	0
2036 Aug	0.0574	0.0000101	1.19	2.02	0.0312	0.000258	4.04	0.00116	0.0507	0.00024	0.000161	0.0000598	0.0813	0.00000203	0.0000646	0.000535	0.00173	0
2036 Sep	0.0571	0.0000102	1.19	2.01	0.0306	0.000267	4.05	0.00116	0.0508	0.000233	0.000157	0.0000595	0.0812	0.00000203	0.0000651	0.000524	0.00171	0
2036 Oct	0.0558	0.00001	1.17	1.97	0.0291	0.00028	4.01	0.00113	0.0505	0.000219	0.000148	0.0000576	0.0797	0.000002	0.0000654	0.0005	0.00166	0
2036 Nov	0.0555	0.00000998	1.17	1.96	0.0287	0.000283	4	0.00113	0.0504	0.000215	0.000146	0.0000572	0.0794	0.000002	0.0000655	0.000494	0.00164	0
2036 Dec	0.0553	0.00000996	1.17	1.96	0.0286	0.000284	3.99	0.00113	0.0504	0.000214	0.000145	0.000057	0.0792	0.00000199	0.0000654	0.000492	0.00164	0
2037 Jan	0.0554	0.00000997	1.17	1.96	0.0286	0.000284	3.99	0.00113	0.0504	0.000214	0.000145	0.000057	0.0792	0.00000199	0.0000654	0.000492	0.00164	0
2037 Feb	0.0554	0.00000997	1.17	1.96	0.0286	0.000284	4	0.00113	0.0504	0.000214	0.000145	0.000057	0.0792	0.00000199	0.0000655	0.000492	0.00164	0
2037 Mar	0.0554	0.00000997	1.17	1.96	0.0286	0.000284	4	0.00113	0.0504	0.000214	0.000145	0.0000571	0.0793	0.00000199	0.0000655	0.000492	0.00164	0
2037 Apr	0.0555	0.00001	1.17	1.97	0.0287	0.000285	4.01	0.00113	0.0505	0.000215	0.000145	0.0000572	0.0795	0.000002	0.0000657	0.000493	0.00165	0
2037 May	0.0612	0.00001	1.26	2.22	0.0362	0.000278	4.36	0.00119	0.0513	0.000283	0.000154	0.000064	0.0889	0.000002	0.0000672	0.000568	0.00167	0
2037 Jun	0.0649	0.00000972	1.46	2.64	0.0448	0.000327	6.81	0.00136	0.0492	0.000355	0.000173	0.0000746	0.103	0.00000193	0.000128	0.000645	0.00164	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.066	0.0000101	1.56	2.79	0.0455	0.00037	7.95	0.00146	0.0505	0.000357	0.000184	0.0000783	0.109	0.000002	0.00016	0.000656	0.0017	0
2037 Aug	0.0677	0.0000105	1.65	2.94	0.0467	0.000408	8.84	0.00154	0.052	0.000364	0.000191	0.000082	0.114	0.00000207	0.000184	0.000669	0.00174	0
2037 Sep	0.0684	0.0000107	1.73	3.07	0.0473	0.000452	9.82	0.00162	0.0528	0.000363	0.000196	0.000085	0.118	0.00000211	0.000211	0.000672	0.00177	0
2037 Oct	0.0666	0.0000107	1.83	3.21	0.0459	0.000531	11.5	0.00171	0.0523	0.000343	0.000197	0.0000871	0.123	0.0000021	0.000264	0.000646	0.00172	0
2037 Nov	0.0664	0.0000108	1.87	3.27	0.0459	0.000555	12	0.00174	0.0523	0.00034	0.000199	0.0000882	0.124	0.0000021	0.00028	0.000643	0.00172	0
2037 Dec	0.0664	0.0000108	1.88	3.28	0.0459	0.000558	12.1	0.00175	0.0523	0.000341	0.000199	0.0000884	0.125	0.0000021	0.000282	0.000644	0.00172	0
2038 Jan	0.0664	0.0000108	1.88	3.28	0.0459	0.000559	12.2	0.00175	0.0523	0.000341	0.000199	0.0000885	0.125	0.0000021	0.000283	0.000644	0.00172	0
2038 Feb	0.0664	0.0000108	1.88	3.29	0.0459	0.000559	12.2	0.00175	0.0523	0.000341	0.0002	0.0000885	0.125	0.0000021	0.000284	0.000644	0.00172	0
2038 Mar	0.0664	0.0000108	1.88	3.29	0.0459	0.00056	12.2	0.00175	0.0523	0.000341	0.0002	0.0000885	0.125	0.0000021	0.000284	0.000644	0.00172	0
2038 Apr	0.0666	0.0000108	1.89	3.3	0.046	0.000561	12.2	0.00176	0.0524	0.000341	0.0002	0.0000887	0.125	0.00000211	0.000285	0.000645	0.00173	0
2038 May	0.0688	0.000011	2	3.51	0.0491	0.000601	13.4	0.00186	0.053	0.000365	0.000209	0.0000939	0.133	0.00000213	0.000316	0.000675	0.00175	0
2038 Jun	0.0721	0.0000109	2.33	4.14	0.0578	0.000726	17.5	0.00215	0.0511	0.000429	0.000239	0.000109	0.154	0.00000209	0.000434	0.000748	0.00173	0
2038 Jul	0.0749	0.0000115	2.43	4.3	0.0598	0.000756	18.2	0.00224	0.0535	0.000443	0.000251	0.000113	0.16	0.00000219	0.000452	0.000778	0.00183	0
2038 Aug	0.0773	0.0000119	2.53	4.46	0.0614	0.000793	19	0.00233	0.0555	0.000453	0.000259	0.000117	0.166	0.00000228	0.000473	0.000797	0.00189	0
2038 Sep	0.0762	0.000012	2.54	4.46	0.06	0.000816	19.3	0.00234	0.0554	0.000438	0.000255	0.000117	0.166	0.00000228	0.000483	0.000777	0.00187	0
2038 Oct	0.0744	0.0000119	2.54	4.43	0.0579	0.00084	19.4	0.00234	0.055	0.000417	0.000249	0.000115	0.164	0.00000226	0.000494	0.000748	0.00183	0
2038 Nov	0.0744	0.0000119	2.55	4.46	0.0579	0.000848	19.6	0.00235	0.0551	0.000416	0.00025	0.000116	0.165	0.00000227	0.000499	0.000748	0.00183	0
2038 Dec	0.0744	0.0000119	2.55	4.46	0.0579	0.00085	19.6	0.00236	0.0551	0.000416	0.00025	0.000116	0.165	0.00000227	0.0005	0.000748	0.00183	0
2039 Jan	0.0744	0.0000119	2.55	4.46	0.058	0.000851	19.6	0.00236	0.0551	0.000416	0.00025	0.000116	0.165	0.00000227	0.000501	0.000748	0.00183	0
2039 Feb	0.0744	0.0000119	2.55	4.46	0.058	0.000851	19.7	0.00236	0.0551	0.000416	0.00025	0.000116	0.165	0.00000227	0.000501	0.000748	0.00183	0
2039 Mar	0.0745	0.0000119	2.56	4.47	0.058	0.000852	19.7	0.00236	0.0552	0.000417	0.00025	0.000116	0.166	0.00000227	0.000502	0.000749	0.00183	0
2039 Apr	0.0746	0.0000119	2.56	4.48	0.0581	0.000854	19.7	0.00236	0.0553	0.000418	0.000251	0.000116	0.166	0.00000227	0.000503	0.00075	0.00183	0
2039 May	0.0755	0.0000121	2.59	4.53	0.0588	0.000863	19.9	0.00239	0.0559	0.000423	0.000254	0.000118	0.168	0.0000023	0.000508	0.000759	0.00185	0
2039 Jun	0.0649	0.0000119	2.79	4.69	0.0513	0.00102	23	0.00262	0.0507	0.000337	0.000288	0.00012	0.17	0.00000222	0.000663	0.000688	0.00186	0
2039 Jul	0.0584	0.0000115	2.69	4.43	0.0447	0.001	22.3	0.00254	0.0475	0.000282	0.000283	0.000113	0.16	0.00000214	0.000665	0.000614	0.0018	0
2039 Aug	0.058	0.0000117	2.74	4.49	0.0434	0.00104	22.8	0.0026	0.0477	0.000269	0.000281	0.000115	0.162	0.00000218	0.000691	0.000582	0.00178	0
2039 Sep	0.0585	0.0000119	2.78	4.56	0.0435	0.00106	23.1	0.00263	0.0485	0.000268	0.000282	0.000116	0.164	0.00000221	0.000703	0.000582	0.00179	0
2039 Oct	0.058	0.0000118	2.77	4.54	0.0428	0.00107	23	0.00262	0.0485	0.000261	0.000277	0.000115	0.163	0.0000022	0.000702	0.000571	0.00177	0
2039 Nov	0.0581	0.0000119	2.79	4.56	0.0429	0.00108	23.2	0.00263	0.0486	0.000261	0.000279	0.000116	0.164	0.0000022	0.000707	0.000572	0.00177	0
2039 Dec	0.0581	0.0000119	2.79	4.56	0.0429	0.00108	23.2	0.00264	0.0486	0.000261	0.000279	0.000116	0.164	0.00000221	0.000708	0.000573	0.00177	0
2040 Jan	0.0581	0.0000119	2.79	4.56	0.043	0.00108	23.2	0.00264	0.0486	0.000261	0.000279	0.000116	0.164	0.00000221	0.000708	0.000573	0.00177	0
2040 Feb	0.0581	0.0000119	2.79	4.57	0.043	0.00108	23.2	0.00264	0.0486	0.000261	0.000279	0.000116	0.164	0.00000221	0.000708	0.000573	0.00177	0
2040 Mar	0.0581	0.0000119	2.79	4.57	0.043	0.00108	23.2	0.00264	0.0486	0.000261	0.000279	0.000116	0.164	0.00000221	0.000709	0.000573	0.00178	0
2040 Apr	0.0583	0.0000119	2.8	4.58	0.0431	0.00108	23.3	0.00265	0.0487	0.000262	0.00028	0.000116	0.165	0.00000221	0.000711	0.000574	0.00178	0
2040 May	0.06	0.000012	2.84	4.67	0.045	0.00109	23.5	0.00268	0.0494	0.000278	0.000283	0.000118	0.168	0.00000223	0.000715	0.000595	0.0018	0
2040 Jun	0.0647	0.0000113	2.72	4.62	0.0527	0.000968	21.2	0.00255	0.0479	0.000359	0.00028	0.000119	0.167	0.00000212	0.000644	0.00068	0.00176	0
2040 Jul	0.0652	0.0000116	2.74	4.63	0.0525	0.00097	21.2	0.00257	0.0489	0.000356	0.000285	0.000119	0.168	0.00000216	0.000645	0.000686	0.00181	0
2040 Aug	0.0662	0.0000119	2.8	4.71	0.0529	0.000995	21.6	0.00262	0.0499	0.000358	0.000289	0.000122	0.171	0.00000222	0.00066	0.000688	0.00184	0
2040 Sep	0.0656	0.0000119	2.82	4.74	0.0521	0.00102	21.7	0.00264	0.05	0.000348	0.000286	0.000122	0.172	0.00000223	0.00067	0.000674	0.00183	0
2040 Oct	0.0655	0.000012	2.82	4.74	0.0518	0.00103	21.7	0.00265	0.0503	0.000344	0.000284	0.000122	0.172	0.00000224	0.000672	0.000669	0.00183	0
2040 Nov	0.0656	0.000012	2.84	4.77	0.0519	0.00103	21.8	0.00266	0.0504	0.000345	0.000285	0.000122	0.173	0.00000224	0.000677	0.00067	0.00183	0
2040 Dec	0.0657	0.000012	2.84	4.77	0.0519	0.00103	21.9	0.00266	0.0504	0.000345	0.000286	0.000122	0.173	0.00000224	0.000678	0.00067	0.00183	0
2041 Jan	0.0657	0.000012	2.84	4.77	0.0519	0.00104	21.9	0.00267	0.0504	0.000345	0.000286	0.000123	0.173	0.00000224	0.000679	0.00067	0.00183	0
2041 Feb	0.0657	0.000012	2.84	4.77	0.0519	0.00104	21.9	0.00267	0.0504	0.000345	0.000286	0.000123	0.173	0.00000224	0.000679	0.00067	0.00183	0
2041 Mar	0.0657	0.000012	2.85	4.78	0.052	0.00104	21.9	0.00267	0.0505	0.000345	0.000286	0.000123	0.173	0.00000224	0.00068	0.000671	0.00183	0
2041 Apr	0.0658	0.000012	2.85	4.79	0.0521	0.00104	21.9	0.00267	0.0506	0.000345	0.000287	0.000123	0.173	0.00000225	0.000681	0.000672	0.00184	0
2041 May	0.0665	0.0000122	2.91	4.89	0.0529	0.00107	22.4	0.00273	0.0509	0.00035	0.000292	0.000125	0.177	0.00000227	0.000701	0.00068	0.00185	0
2041 Jun	0.0594	0.0000118	2.79	4.59	0.0463	0.00104	21.1	0.00265	0.0478	0.000292	0.000298	0.000118	0.165	0.00000219	0.0007	0.000633	0.00186	0
2041 Jul	0.054	0.0000112	2.54	4.12	0.0401	0.000936	18.7	0.00243	0.0452	0.000247	0.000284	0.000107	0.148	0.00000209	0.000637	0.000579	0.00181	0
2041 Aug	0.0556	0.0000116	2.62	4.25	0.041	0.000969	19.3	0.00251	0.0469	0.000252	0.000291	0.00011	0.153	0.00000217	0.000657	0.00059	0.00186	0
2041 Sep	0.0557	0.0000117	2.65	4.29	0.0408	0.000991	19.5	0.00253	0.0472	0.000248	0.00029	0.000111	0.155	0.00000219	0.000667	0.000583	0.00186	0
2041 Oct	0.0552	0.0000117	2.65	4.29	0.0401	0.001	19.4	0.00253	0.0473	0.00024	0.000286	0.00011	0.154	0.00000218	0.00067	0.000572	0.00184	0
2041 Nov	0.0553	0.0000118	2.67	4.32	0.0402	0.00101	19.5	0.00255	0.0475	0.00024	0.000287	0.000111	0.155	0.00000219	0.000676	0.000572	0.00184	0
2041 Dec	0.0553	0.0000118	2.67	4.32	0.0403	0.00102	19.6	0.00255	0.0475	0.00024	0.000287	0.000111	0.156	0.00000219	0.000678	0.000573	0.00184	0
2042 Jan	0.0554	0.0000118	2.68	4.33	0.0403	0.00102	19.6	0.00255	0.0475	0.00024	0.000287	0.000111	0.156	0.00000219	0.000678	0.000573	0.00184	0
2042 Feb	0.0554	0.0000118	2.68	4.33	0.0403	0.00102	19.6	0.00255	0.0475	0.00024	0.000287	0.000111	0.156	0.00000219	0.000679	0.000573	0.00184	0
2042 Mar	0.0554	0.0000118	2.68	4.33	0.0403	0.00102	19.6	0.00256	0.0475	0.00024	0.000287	0.000111	0.156	0.00000219	0.000679	0.000573	0.00184	0
2042 Apr	0.0556	0.0000118	2.69	4.35	0.0405	0.00102	19.7	0.00257	0.0477	0.000241	0.000289	0.000112	0.157	0.0000022	0.000682	0.000575	0.00185	0
2042 May	0.057	0.000012	2.73	4.43	0.0417	0.00103	19.9	0.00261	0.0485	0.000251	0.000293	0.000114	0.16	0.00000223	0.00069	0.000591	0.00188	0
2042 Jun	0.0537	0.0000116	2.62	4.2	0.0389	0.000985	18.6	0.00251	0.0467	0.000229	0.000293	0.000109	0.151	0.00000217	0.000666	0.000574	0.00188	0
2042 Jul	0.0513	0.0000114	2.49	3.97	0.0357	0.000934	17.4	0.00241	0.0456	0.000208	0.000285	0.000103	0.143	0.00000213	0.000635	0.000543	0.00185	0
2042 Aug	0.0494	0.0000113	2.5	3.96	0.034	0.000961	17.2	0.0024	0.0446	0.00019	0.000272	0.000103	0.143	0.00000211	0.000644	0.000498	0.00177	0
2042 Sep	0.0483	0.0000113	2.51	3.97	0.0329	0.000986	17.1	0.0024	0.0443	0.000177	0.000262	0.000103	0.143	0.0000021	0.00065	0.000472	0.00172	0
2042 Oct	0.0478	0.0000112	2.51	3.97	0.0322	0.001	17	0.0024	0.0443	0.00017	0.000257	0.000102	0.143	0.00000209	0.000654	0.000459	0.00169	0
2042 Nov	0.0479	0.0000113	2.54	4.01	0.0324	0.00102	17.2	0.00243	0.0444	0.00017	0.000259	0.000103	0.144	0.0000021	0.000664	0.000461	0.00169	0
2042 Dec	0.0479	0.0000113	2.54	4.02	0.0324	0.00102	17.3	0.00243	0.0444	0.00017	0.000259	0.000103	0.145	0.0000021	0.000666	0.000461	0.00169	0
2043 Jan	0.0479	0.0000113	2.55	4.03	0.0324	0.00102	17.3	0.00243	0.0444	0.00017	0.000259	0.000103	0.145	0.0000021	0.000667	0.000461	0.00169	0
2043 Feb	0.0479	0.0000113	2.55	4.03	0.0324	0.00102	17.3	0.00243	0.0444	0.00017	0.00026	0.000103	0.145	0.0000021	0.000667	0.000461	0.00169	0
2043 Mar	0.0479	0.0000113	2.55	4.03	0.0325	0.00102	17.3	0.00243	0.0444	0.00017	0.00026	0.000103	0.145	0.0000021	0.000667	0.000461	0.00169	0
2043 Apr	0.0481	0.0000113	2.56	4.04	0.0326	0.00102	17.4	0.00244	0.0446	0.000171	0.000261	0.000104	0.145	0.00000211	0.00067	0.000463	0.0017	0
2043 May	0.0499	0.0000115	2.61	4.15	0.0344	0.00104	17.6	0.00249	0.0455	0.000185	0.000266	0.000107	0.149	0.00000214	0.000679	0.000483	0.00173	0
2043 Jun	0.0568	0.0000112	2.64	4.35	0.0444	0.000982	16.7	0.00249	0.0455	0.000281	0.000273	0.000112	0.157	0.00000208	0.000652	0.000591	0.00173	0
2043 Jul	0.0582	0.0000116	2.7	4.43	0.0449	0.001	17	0.00255	0.047	0.000283	0.000281	0.000115	0.16	0.00000216	0.000665	0.000603	0.0018	0
2043 Aug	0.0598	0.000012	2.79	4.58	0.0458	0.00104	17.6	0.00264	0.0485	0.000287	0.000288	0.000119	0.166	0.00000224	0.000691	0.000612	0.00185	0
2043 Sep	0.0594	0.0000121	2.83	4.63	0.0454	0.00107	17.7	0.00267	0.0486	0.00028	0.000287	0.00012	0.167	0.00000225	0.000706	0.000601	0.00184	0
2043 Oct	0.0584	0.0000121	2.87	4.69	0.0444	0.00111	17.9	0.00271	0.0487	0.000267	0.000284	0.00012	0.169	0.00000224	0.000728	0.000583	0.0018	0
2043 Nov	0.0577	0.0000121	2.9	4.73	0.0436	0.00114	18	0.00273	0.0486	0.000257	0.000281	0.00012	0.17	0.00000223	0.000743	0.000569	0.00177	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0577	0.0000121	2.9	4.73	0.0437	0.00115	18	0.00273	0.0486	0.000257	0.000281	0.00012	0.17	0.00000224	0.000745	0.00057	0.00177	0
2044 Jan	0.0577	0.0000121	2.91	4.74	0.0437	0.00115	18	0.00274	0.0486	0.000257	0.000281	0.00012	0.17	0.00000224	0.000746	0.00057	0.00177	0
2044 Feb	0.0578	0.0000121	2.91	4.74	0.0437	0.00115	18	0.00274	0.0487	0.000257	0.000281	0.00012	0.171	0.00000224	0.000746	0.00057	0.00177	0
2044 Mar	0.0578	0.0000121	2.91	4.74	0.0437	0.00115	18	0.00274	0.0487	0.000257	0.000282	0.000121	0.171	0.00000224	0.000747	0.00057	0.00177	0
2044 Apr	0.0579	0.0000121	2.92	4.75	0.0438	0.00115	18.1	0.00275	0.0488	0.000258	0.000282	0.000121	0.171	0.00000224	0.000749	0.000571	0.00178	0
2044 May	0.0587	0.0000123	2.95	4.82	0.0445	0.00116	18.3	0.00278	0.0494	0.000262	0.000286	0.000122	0.173	0.00000227	0.000758	0.00058	0.0018	0
2044 Jun	0.0535	0.0000113	2.66	4.29	0.04	0.00102	15.9	0.00252	0.0453	0.000237	0.000277	0.000111	0.155	0.00000213	0.000678	0.000556	0.00176	0
2044 Jul	0.0532	0.0000114	2.64	4.22	0.039	0.001	15.5	0.00251	0.0458	0.000229	0.000282	0.00011	0.152	0.00000217	0.000669	0.000558	0.00182	0
2044 Aug	0.0557	0.000012	2.77	4.42	0.0407	0.00105	16.3	0.00263	0.0481	0.000238	0.000294	0.000115	0.16	0.00000228	0.000701	0.00058	0.0019	0
2044 Sep	0.0538	0.0000118	2.7	4.3	0.0385	0.00105	15.7	0.00256	0.0473	0.00022	0.000278	0.000112	0.156	0.00000224	0.000684	0.000542	0.00182	0
2044 Oct	0.0531	0.0000117	2.67	4.26	0.0374	0.00105	15.5	0.00253	0.0473	0.00021	0.00027	0.00011	0.154	0.00000222	0.000678	0.000526	0.00178	0
2044 Nov	0.0531	0.0000117	2.68	4.27	0.0373	0.00106	15.5	0.00254	0.0474	0.000208	0.000269	0.00011	0.155	0.00000222	0.000681	0.000524	0.00178	0
2044 Dec	0.0531	0.0000117	2.69	4.28	0.0374	0.00106	15.5	0.00254	0.0474	0.000208	0.00027	0.00011	0.155	0.00000222	0.000682	0.000524	0.00178	0
2045 Jan	0.0531	0.0000117	2.69	4.28	0.0374	0.00106	15.5	0.00254	0.0474	0.000208	0.00027	0.00011	0.155	0.00000222	0.000683	0.000524	0.00178	0
2045 Feb	0.0531	0.0000117	2.69	4.28	0.0374	0.00106	15.5	0.00254	0.0474	0.000208	0.00027	0.00011	0.155	0.00000222	0.000683	0.000524	0.00178	0
2045 Mar	0.0531	0.0000117	2.69	4.29	0.0374	0.00106	15.5	0.00255	0.0474	0.000209	0.00027	0.00011	0.155	0.00000222	0.000683	0.000524	0.00178	0
2045 Apr	0.0532	0.0000117	2.69	4.29	0.0374	0.00106	15.6	0.00255	0.0475	0.000209	0.00027	0.000111	0.155	0.00000223	0.000685	0.000525	0.00178	0
2045 May	0.0538	0.0000119	2.73	4.34	0.0379	0.00108	15.7	0.00258	0.048	0.000211	0.000274	0.000112	0.157	0.00000225	0.000693	0.000531	0.0018	0
2045 Jun	0.0497	0.0000118	2.88	4.54	0.0362	0.00117	15.9	0.00274	0.0454	0.000185	0.000298	0.000116	0.162	0.00000221	0.000787	0.000519	0.00182	0
2045 Jul	0.0489	0.0000119	2.9	4.53	0.0352	0.00118	15.7	0.00277	0.0453	0.000176	0.000307	0.000116	0.162	0.00000224	0.0008	0.00052	0.00187	0
2045 Aug	0.0503	0.0000122	2.98	4.65	0.036	0.00121	16.1	0.00284	0.0467	0.000179	0.000313	0.000119	0.166	0.00000231	0.000819	0.000528	0.00191	0
2045 Sep	0.05	0.0000122	2.96	4.61	0.0354	0.00121	15.9	0.00282	0.0468	0.000174	0.000306	0.000118	0.165	0.00000231	0.00081	0.000517	0.00189	0
2045 Oct	0.0502	0.0000123	2.99	4.66	0.0355	0.00122	16	0.00285	0.0471	0.000173	0.000308	0.000119	0.167	0.00000232	0.000821	0.000517	0.00189	0
2045 Nov	0.0503	0.0000123	3	4.69	0.0357	0.00123	16.1	0.00286	0.0472	0.000173	0.000309	0.00012	0.167	0.00000232	0.000826	0.000518	0.0019	0
2045 Dec	0.0503	0.0000124	3.01	4.69	0.0357	0.00123	16.1	0.00287	0.0472	0.000173	0.00031	0.00012	0.168	0.00000233	0.000828	0.000518	0.0019	0
2046 Jan	0.0503	0.0000124	3.01	4.69	0.0357	0.00123	16.1	0.00287	0.0472	0.000173	0.00031	0.00012	0.168	0.00000233	0.000828	0.000518	0.0019	0
2046 Feb	0.0503	0.0000124	3.01	4.7	0.0357	0.00123	16.1	0.00287	0.0472	0.000173	0.00031	0.00012	0.168	0.00000233	0.000829	0.000519	0.0019	0
2046 Mar	0.0504	0.0000124	3.01	4.7	0.0357	0.00123	16.1	0.00287	0.0472	0.000174	0.00031	0.00012	0.168	0.00000233	0.000829	0.000519	0.0019	0
2046 Apr	0.0506	0.0000124	3.02	4.72	0.0359	0.00124	16.2	0.00288	0.0474	0.000174	0.000311	0.00012	0.169	0.00000234	0.000833	0.000521	0.00191	0
2046 May	0.0514	0.0000126	3.06	4.79	0.0366	0.00125	16.4	0.00292	0.048	0.000179	0.000315	0.000122	0.171	0.00000237	0.000843	0.00053	0.00193	0
2046 Jun	0.0471	0.0000118	2.86	4.43	0.0334	0.00116	14.7	0.00274	0.0445	0.000161	0.00031	0.000114	0.158	0.00000223	0.000795	0.00051	0.00188	0
2046 Jul	0.044	0.0000111	2.57	3.93	0.0296	0.00102	12.8	0.00248	0.0424	0.000143	0.000291	0.000103	0.141	0.00000214	0.0007	0.00048	0.00183	0
2046 Aug	0.0453	0.0000115	2.63	4.02	0.0301	0.00104	13	0.00253	0.0437	0.000145	0.000295	0.000105	0.144	0.0000022	0.000712	0.000485	0.00187	0
2046 Sep	0.0444	0.0000113	2.57	3.94	0.029	0.00103	12.6	0.00247	0.0433	0.000135	0.00028	0.000103	0.142	0.00000217	0.000694	0.000459	0.0018	0
2046 Oct	0.0439	0.0000112	2.57	3.94	0.0283	0.00105	12.5	0.00246	0.0434	0.000128	0.000272	0.000102	0.142	0.00000214	0.000696	0.000443	0.00175	0
2046 Nov	0.0439	0.0000112	2.6	3.99	0.0284	0.00107	12.6	0.00249	0.0434	0.000127	0.000273	0.000103	0.143	0.00000215	0.000708	0.000442	0.00175	0
2046 Dec	0.0439	0.0000113	2.61	4	0.0284	0.00107	12.7	0.0025	0.0434	0.000127	0.000274	0.000103	0.144	0.00000215	0.000711	0.000442	0.00175	0
2047 Jan	0.0439	0.0000113	2.61	4	0.0285	0.00107	12.7	0.0025	0.0434	0.000127	0.000274	0.000103	0.144	0.00000215	0.000712	0.000443	0.00175	0
2047 Feb	0.0439	0.0000113	2.61	4	0.0285	0.00107	12.7	0.0025	0.0434	0.000127	0.000274	0.000103	0.144	0.00000215	0.000712	0.000443	0.00175	0
2047 Mar	0.044	0.0000113	2.62	4.01	0.0285	0.00107	12.7	0.0025	0.0435	0.000127	0.000274	0.000103	0.144	0.00000215	0.000713	0.000443	0.00175	0
2047 Apr	0.044	0.0000113	2.62	4.02	0.0286	0.00108	12.7	0.00251	0.0436	0.000128	0.000275	0.000103	0.144	0.00000216	0.000715	0.000444	0.00176	0
2047 May	0.0462	0.0000114	2.7	4.19	0.0315	0.0011	13	0.00258	0.044	0.000151	0.000281	0.000108	0.15	0.00000217	0.000734	0.000472	0.00177	0
2047 Jun	0.0541	0.000011	2.85	4.6	0.0438	0.0011	13	0.00267	0.0434	0.000263	0.00029	0.000118	0.165	0.00000211	0.000746	0.000584	0.00173	0
2047 Jul	0.056	0.0000115	2.92	4.7	0.0448	0.00112	13.2	0.00274	0.0453	0.000269	0.0003	0.000121	0.169	0.0000022	0.00076	0.000604	0.00181	0
2047 Aug	0.0579	0.0000119	3.02	4.86	0.0461	0.00116	13.7	0.00284	0.047	0.000276	0.000309	0.000126	0.175	0.00000228	0.000787	0.00062	0.00187	0
2047 Sep	0.0568	0.0000118	2.99	4.8	0.0447	0.00116	13.5	0.00281	0.0468	0.000263	0.000299	0.000124	0.173	0.00000227	0.000779	0.000596	0.00183	0
2047 Oct	0.0556	0.0000117	2.99	4.8	0.0433	0.00118	13.3	0.0028	0.0466	0.000249	0.000292	0.000123	0.173	0.00000224	0.000787	0.000574	0.00178	0
2047 Nov	0.0554	0.0000118	3.02	4.86	0.0432	0.00121	13.5	0.00284	0.0466	0.000246	0.000293	0.000124	0.175	0.00000224	0.000803	0.00057	0.00177	0
2047 Dec	0.0554	0.0000118	3.03	4.87	0.0433	0.00121	13.5	0.00284	0.0466	0.000246	0.000294	0.000124	0.175	0.00000224	0.000807	0.00057	0.00177	0
2048 Jan	0.0554	0.0000118	3.04	4.88	0.0433	0.00122	13.5	0.00285	0.0466	0.000246	0.000294	0.000124	0.175	0.00000224	0.000808	0.00057	0.00178	0
2048 Feb	0.0554	0.0000118	3.04	4.88	0.0433	0.00122	13.5	0.00285	0.0466	0.000246	0.000294	0.000124	0.175	0.00000224	0.000808	0.000571	0.00178	0
2048 Mar	0.0554	0.0000118	3.04	4.88	0.0434	0.00122	13.5	0.00285	0.0466	0.000246	0.000294	0.000124	0.175	0.00000224	0.000809	0.000571	0.00178	0
2048 Apr	0.0556	0.0000118	3.05	4.9	0.0435	0.00122	13.6	0.00286	0.0467	0.000247	0.000295	0.000124	0.176	0.00000225	0.000811	0.000573	0.00178	0
2048 May	0.0564	0.000012	3.09	4.96	0.0441	0.00124	13.7	0.0029	0.0474	0.00025	0.000299	0.000126	0.178	0.00000228	0.000822	0.00058	0.00181	0
2048 Jun	0.0505	0.0000113	2.79	4.41	0.038	0.0011	12.1	0.00264	0.044	0.00021	0.00029	0.000114	0.159	0.00000216	0.000744	0.00054	0.00178	0
2048 Jul	0.0471	0.0000108	2.54	3.94	0.0334	0.000977	10.7	0.00242	0.0425	0.000182	0.00028	0.000103	0.142	0.0000021	0.000665	0.000509	0.00178	0
2048 Aug	0.0474	0.000011	2.55	3.96	0.033	0.000987	10.7	0.00243	0.0431	0.000178	0.000275	0.000104	0.143	0.00000214	0.000664	0.000496	0.00178	0
2048 Sep	0.0469	0.000011	2.54	3.95	0.0323	0.000999	10.6	0.00242	0.0431	0.00017	0.000268	0.000103	0.143	0.00000213	0.000663	0.00048	0.00174	0
2048 Oct	0.0465	0.000011	2.55	3.96	0.0317	0.00102	10.6	0.00243	0.0432	0.000163	0.000263	0.000103	0.143	0.00000212	0.00067	0.000468	0.00171	0
2048 Nov	0.0465	0.000011	2.57	3.99	0.0317	0.00103	10.6	0.00244	0.0434	0.000161	0.000263	0.000103	0.144	0.00000212	0.000676	0.000465	0.0017	0
2048 Dec	0.0465	0.000011	2.57	4	0.0317	0.00103	10.6	0.00244	0.0434	0.000161	0.000263	0.000103	0.144	0.00000212	0.000678	0.000465	0.00171	0
2049 Jan	0.0465	0.000011	2.57	4	0.0317	0.00103	10.6	0.00244	0.0434	0.000161	0.000263	0.000104	0.145	0.00000212	0.000678	0.000466	0.00171	0
2049 Feb	0.0465	0.000011	2.57	4	0.0317	0.00103	10.6	0.00244	0.0434	0.000161	0.000263	0.000104	0.145	0.00000212	0.000679	0.000466	0.00171	0
2049 Mar	0.0465	0.000011	2.58	4	0.0317	0.00103	10.6	0.00245	0.0434	0.000162	0.000263	0.000104	0.145	0.00000212	0.000679	0.000466	0.00171	0
2049 Apr	0.0467	0.000011	2.58	4.02	0.0318	0.00104	10.6	0.00245	0.0435	0.000162	0.000264	0.000104	0.145	0.00000213	0.000681	0.000467	0.00171	0
2049 May	0.0474	0.0000112	2.62	4.07	0.0324	0.00105	10.8	0.00249	0.0441	0.000166	0.000268	0.000105	0.147	0.00000216	0.00069	0.000475	0.00173	0
2049 Jun	0.0439	0.0000106	2.42	3.72	0.0295	0.000949	9.6	0.00232	0.0415	0.00015	0.000267	0.0000977	0.135	0.00000206	0.000638	0.000466	0.00173	0
2049 Jul	0.0427	0.0000104	2.29	3.49	0.0276	0.00088	8.95	0.00221	0.0409	0.00014	0.000262	0.0000926	0.127	0.00000204	0.000595	0.000455	0.00174	0
2049 Aug	0.0447	0.0000109	2.4	3.65	0.0287	0.000923	9.35	0.00231	0.0428	0.000145	0.000272	0.0000969	0.132	0.00000214	0.000622	0.000471	0.00181	0
2049 Sep	0.0443	0.0000109	2.39	3.65	0.0281	0.000937	9.27	0.0023	0.0429	0.000138	0.000264	0.0000964	0.132	0.00000213	0.000621	0.000455	0.00177	0
2049 Oct	0.0439	0.0000109	2.41	3.68	0.0276	0.00096	9.23	0.0023	0.043	0.000132	0.000258	0.0000961	0.133	0.00000211	0.000629	0.000442	0.00173	0
2049 Nov	0.0439	0.0000109	2.46	3.76	0.0278	0.000991	9.38	0.00235	0.0431	0.000131	0.000261	0.0000978	0.136	0.00000212	0.000651	0.000441	0.00173	0
2049 Dec	0.0439	0.0000109	2.47	3.78	0.0279	0.000995	9.41	0.00236	0.0431	0.000131	0.000262	0.0000982	0.137	0.00000212	0.000655	0.000441	0.00173	0
2050 Jan	0.0439	0.0000109	2.47	3.78	0.0279	0.000997	9.41	0.00236	0.0431	0.000131	0.000262	0.0000982	0.137	0.00000212	0.000656	0.000442	0.00173	0
2050 Feb	0.0439	0.0000109	2.47	3.78	0.0279	0.000997	9.42	0.00237	0.0431	0.000131	0.000262	0.0000983	0.137	0.00000212	0.000656	0.000442	0.00173	0
2050 Mar	0.0439	0.0000109	2.47	3.78	0.0279	0.000997	9.42	0.00237	0.0431	0.000131	0.000262	0.0000983	0.137	0.00000212	0.000656	0.000442	0.00173	0
2050 Apr	0.044	0.000011	2.48	3.79	0.028	0.001	9.44	0.00237	0.0432	0.000131	0.000263	0.0000985	0.137	0.00000213	0.000658	0.000443	0.00173	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.0446	0.0000111	2.51	3.84	0.0284	0.00101	9.55	0.0024	0.0437	0.000134	0.000265	0.0000997	0.139	0.00000215	0.000665	0.000449	0.00175	0
2050 Jun	0.0448	0.0000107	2.4	3.69	0.0295	0.000933	8.83	0.0023	0.0425	0.000152	0.000267	0.0000968	0.134	0.00000208	0.000624	0.000474	0.00176	0
2050 Jul	0.0431	0.0000104	2.25	3.44	0.0273	0.000862	8.19	0.00217	0.0414	0.00014	0.000259	0.0000912	0.125	0.00000204	0.000579	0.000454	0.00174	0
2050 Aug	0.0443	0.0000108	2.31	3.52	0.0278	0.000886	8.38	0.00223	0.0426	0.000143	0.000263	0.0000935	0.128	0.0000021	0.000594	0.000458	0.00177	0
2050 Sep	0.0443	0.0000108	2.32	3.55	0.0276	0.0009	8.38	0.00224	0.0429	0.000139	0.000259	0.0000938	0.129	0.00000211	0.000597	0.00045	0.00176	0
2050 Oct	0.0446	0.0000109	2.36	3.6	0.0278	0.000919	8.48	0.00227	0.0432	0.000139	0.000261	0.000095	0.131	0.00000212	0.000609	0.000451	0.00176	0
2050 Nov	0.0447	0.0000109	2.38	3.64	0.028	0.00093	8.55	0.00229	0.0433	0.000139	0.000263	0.0000958	0.132	0.00000213	0.000617	0.000453	0.00177	0
2050 Dec	0.0447	0.000011	2.39	3.64	0.028	0.000932	8.56	0.00229	0.0433	0.000139	0.000263	0.0000959	0.132	0.00000213	0.000618	0.000453	0.00177	0
2051 Jan	0.0447	0.000011	2.39	3.64	0.028	0.000933	8.56	0.0023	0.0433	0.000139	0.000263	0.000096	0.132	0.00000213	0.000619	0.000453	0.00177	0
2051 Feb	0.0447	0.000011	2.39	3.65	0.028	0.000933	8.56	0.0023	0.0433	0.000139	0.000263	0.000096	0.132	0.00000213	0.000619	0.000453	0.00177	0
2051 Mar	0.0447	0.000011	2.39	3.65	0.028	0.000934	8.57	0.0023	0.0433	0.000139	0.000264	0.0000961	0.132	0.00000213	0.00062	0.000453	0.00177	0
2051 Apr	0.0449	0.000011	2.4	3.66	0.0281	0.000937	8.6	0.00231	0.0435	0.00014	0.000264	0.0000964	0.133	0.00000214	0.000622	0.000455	0.00178	0
2051 May	0.0461	0.0000112	2.49	3.82	0.0297	0.000976	8.85	0.00239	0.0441	0.00015	0.000272	0.0001	0.138	0.00000217	0.000651	0.000471	0.0018	0
2051 Jun	0.0482	0.0000107	2.68	4.22	0.0369	0.00104	8.79	0.00255	0.0414	0.000207	0.000291	0.000109	0.152	0.00000207	0.00072	0.000533	0.00175	0
2051 Jul	0.0474	0.0000107	2.58	4.03	0.0351	0.000987	8.46	0.00247	0.0414	0.000196	0.000287	0.000106	0.145	0.00000208	0.000686	0.000525	0.00177	0
2051 Aug	0.0474	0.0000108	2.58	4.01	0.0343	0.000991	8.4	0.00246	0.0419	0.00019	0.00028	0.000105	0.145	0.0000021	0.000679	0.000506	0.00176	0
2051 Sep	0.0466	0.0000108	2.56	3.99	0.0332	0.001	8.3	0.00244	0.0419	0.000178	0.00027	0.000104	0.144	0.00000208	0.000677	0.000484	0.00171	0
2051 Oct	0.0447	0.0000105	2.51	3.91	0.0306	0.00102	8.07	0.00237	0.0416	0.000154	0.000247	0.0001	0.141	0.00000202	0.000668	0.000438	0.00159	0
2051 Nov	0.0447	0.0000105	2.52	3.93	0.0305	0.00103	8.09	0.00238	0.0417	0.000152	0.000246	0.0001	0.142	0.00000203	0.000673	0.000435	0.00158	0
2051 Dec	0.0447	0.0000105	2.53	3.94	0.0305	0.00104	8.11	0.00239	0.0417	0.000152	0.000247	0.000101	0.142	0.00000203	0.000675	0.000435	0.00158	0
2052 Jan	0.0447	0.0000105	2.53	3.94	0.0305	0.00104	8.11	0.00239	0.0417	0.000152	0.000247	0.000101	0.142	0.00000203	0.000676	0.000435	0.00158	0
2052 Feb	0.0447	0.0000105	2.53	3.94	0.0305	0.00104	8.11	0.00239	0.0418	0.000152	0.000247	0.000101	0.142	0.00000203	0.000676	0.000436	0.00158	0
2052 Mar	0.0447	0.0000105	2.53	3.95	0.0306	0.00104	8.12	0.00239	0.0418	0.000153	0.000247	0.000101	0.142	0.00000203	0.000677	0.000436	0.00158	0
2052 Apr	0.0448	0.0000105	2.54	3.95	0.0306	0.00104	8.13	0.0024	0.0419	0.000153	0.000248	0.000101	0.143	0.00000203	0.000678	0.000437	0.00159	0
2052 May	0.0472	0.0000106	2.56	4.03	0.0333	0.00103	8.21	0.00241	0.0426	0.000178	0.00025	0.000103	0.146	0.00000205	0.000672	0.000466	0.00161	0
2052 Jun	0.0534	0.0000105	2.55	4.13	0.041	0.000966	8.17	0.00239	0.0435	0.000253	0.000255	0.000107	0.15	0.00000204	0.000632	0.000552	0.00164	0
2052 Jul	0.0536	0.0000107	2.58	4.15	0.0401	0.000977	8.16	0.00242	0.0441	0.000246	0.000256	0.000108	0.151	0.00000208	0.000641	0.000539	0.00166	0
2052 Aug	0.0541	0.000011	2.62	4.21	0.0401	0.000998	8.25	0.00245	0.0449	0.000244	0.000257	0.000109	0.153	0.00000212	0.000652	0.000534	0.00167	0
2052 Sep	0.0536	0.000011	2.62	4.2	0.0393	0.00101	8.22	0.00245	0.045	0.000235	0.000252	0.000109	0.153	0.00000212	0.000654	0.000519	0.00165	0
2052 Oct	0.0534	0.0000111	2.66	4.26	0.039	0.00104	8.27	0.00249	0.0452	0.00023	0.000253	0.00011	0.155	0.00000213	0.000671	0.000514	0.00164	0
2052 Nov	0.0535	0.0000111	2.68	4.3	0.0392	0.00105	8.33	0.00251	0.0453	0.000231	0.000254	0.00011	0.156	0.00000214	0.000678	0.000515	0.00165	0
2052 Dec	0.0535	0.0000111	2.69	4.31	0.0393	0.00105	8.34	0.00251	0.0453	0.000231	0.000255	0.000111	0.156	0.00000214	0.000682	0.000515	0.00165	0
2053 Jan	0.0535	0.0000111	2.69	4.32	0.0393	0.00106	8.35	0.00252	0.0453	0.000231	0.000255	0.000111	0.157	0.00000214	0.000683	0.000516	0.00165	0
2053 Feb	0.0535	0.0000111	2.69	4.32	0.0393	0.00106	8.35	0.00252	0.0453	0.000231	0.000255	0.000111	0.157	0.00000214	0.000683	0.000516	0.00165	0
2053 Mar	0.0536	0.0000111	2.69	4.32	0.0394	0.00106	8.36	0.00252	0.0454	0.000231	0.000256	0.000111	0.157	0.00000214	0.000684	0.000516	0.00165	0
2053 Apr	0.0538	0.0000112	2.7	4.34	0.0395	0.00106	8.39	0.00253	0.0455	0.000232	0.000257	0.000111	0.157	0.00000215	0.000687	0.000518	0.00166	0
2053 May	0.0581	0.0000115	3	4.88	0.0466	0.00118	8.98	0.00279	0.0462	0.000283	0.000279	0.000124	0.176	0.00000218	0.000778	0.000582	0.00169	0
2053 Jun	0.0626	0.000011	3.08	5.15	0.0555	0.00116	9	0.00285	0.0444	0.000364	0.000291	0.000131	0.186	0.0000021	0.000789	0.000668	0.00166	0
2053 Jul	0.0633	0.0000113	3.12	5.19	0.0554	0.00117	9.08	0.00288	0.0454	0.000362	0.000297	0.000132	0.187	0.00000215	0.000797	0.000676	0.00171	0
2053 Aug	0.0653	0.0000117	3.26	5.41	0.0571	0.00123	9.44	0.00301	0.0471	0.00037	0.000308	0.000138	0.195	0.00000224	0.000838	0.000693	0.00177	0
2053 Sep	0.0667	0.0000122	3.45	5.72	0.0589	0.00133	9.86	0.00319	0.0482	0.000377	0.000324	0.000145	0.206	0.00000231	0.000905	0.000708	0.00182	0
2053 Oct	0.0668	0.0000123	3.56	5.9	0.0595	0.00139	10.1	0.0033	0.0484	0.000376	0.000331	0.000149	0.211	0.00000233	0.000949	0.000711	0.00183	0
2053 Nov	0.0666	0.0000124	3.57	5.91	0.0594	0.00139	10.1	0.0033	0.0484	0.000373	0.000331	0.000149	0.212	0.00000233	0.000953	0.000708	0.00182	0
2053 Dec	0.0666	0.0000124	3.58	5.92	0.0594	0.0014	10.1	0.00331	0.0484	0.000373	0.000332	0.000149	0.212	0.00000233	0.000956	0.000708	0.00182	0
2054 Jan	0.0666	0.0000124	3.58	5.92	0.0594	0.0014	10.1	0.00331	0.0484	0.000373	0.000332	0.000149	0.212	0.00000233	0.000957	0.000708	0.00182	0
2054 Feb	0.0666	0.0000124	3.58	5.92	0.0594	0.0014	10.1	0.00331	0.0484	0.000373	0.000332	0.000149	0.212	0.00000233	0.000957	0.000708	0.00182	0
2054 Mar	0.0666	0.0000124	3.58	5.92	0.0594	0.0014	10.1	0.00331	0.0484	0.000373	0.000332	0.000149	0.212	0.00000233	0.000957	0.000708	0.00182	0
2054 Apr	0.0669	0.0000124	3.59	5.94	0.0596	0.0014	10.1	0.00332	0.0486	0.000374	0.000333	0.00015	0.213	0.00000234	0.00096	0.00071	0.00183	0
2054 May	0.0685	0.0000125	3.63	6.02	0.0614	0.00141	10.2	0.00335	0.0492	0.00039	0.000336	0.000152	0.216	0.00000236	0.000964	0.00073	0.00185	0
2054 Jun	0.0679	0.0000119	3.45	5.78	0.0623	0.0013	9.46	0.00319	0.047	0.000408	0.00033	0.000147	0.207	0.00000223	0.000902	0.000748	0.0018	0
2054 Jul	0.065	0.0000117	3.28	5.46	0.0578	0.00124	8.98	0.00305	0.0463	0.000376	0.00032	0.000139	0.196	0.00000221	0.000856	0.000709	0.0018	0
2054 Aug	0.0644	0.0000118	3.28	5.44	0.0566	0.00124	8.94	0.00304	0.0466	0.000364	0.000315	0.000139	0.195	0.00000223	0.000854	0.000688	0.00179	0
2054 Sep	0.0636	0.0000119	3.28	5.42	0.0554	0.00126	8.9	0.00304	0.0467	0.000352	0.00031	0.000138	0.195	0.00000224	0.000856	0.00067	0.00177	0
2054 Oct	0.0626	0.0000118	3.24	5.35	0.0539	0.00125	8.77	0.00301	0.0466	0.000339	0.000303	0.000136	0.192	0.00000222	0.000847	0.000652	0.00174	0
2054 Nov	0.0622	0.0000118	3.24	5.35	0.0535	0.00126	8.76	0.00301	0.0466	0.000334	0.000302	0.000136	0.192	0.00000222	0.00085	0.000646	0.00173	0
2054 Dec	0.0622	0.0000118	3.26	5.38	0.0536	0.00127	8.79	0.00302	0.0466	0.000334	0.000303	0.000136	0.193	0.00000222	0.000856	0.000646	0.00173	0
2055 Jan	0.0622	0.0000118	3.26	5.38	0.0536	0.00127	8.79	0.00303	0.0466	0.000334	0.000303	0.000136	0.193	0.00000222	0.000858	0.000646	0.00173	0
2055 Feb	0.0622	0.0000118	3.26	5.38	0.0536	0.00127	8.79	0.00303	0.0466	0.000334	0.000303	0.000136	0.193	0.00000222	0.000858	0.000646	0.00173	0
2055 Mar	0.0622	0.0000118	3.26	5.39	0.0536	0.00127	8.8	0.00303	0.0466	0.000334	0.000303	0.000137	0.193	0.00000222	0.000859	0.000646	0.00173	0
2055 Apr	0.0624	0.0000118	3.27	5.4	0.0538	0.00128	8.82	0.00304	0.0467	0.000335	0.000304	0.000137	0.194	0.00000223	0.000861	0.000648	0.00174	0
2055 May	0.0631	0.000012	3.31	5.46	0.0544	0.00129	8.92	0.00307	0.0472	0.000339	0.000307	0.000138	0.196	0.00000225	0.000871	0.000655	0.00176	0
2055 Jun	0.0541	0.0000113	3.03	4.87	0.0449	0.00119	7.86	0.00285	0.0434	0.000263	0.000305	0.000125	0.175	0.00000214	0.00082	0.000588	0.00175	0
2055 Jul	0.052	0.0000112	2.87	4.57	0.0413	0.00111	7.46	0.00271	0.0429	0.00024	0.0003	0.000118	0.164	0.00000214	0.00077	0.000567	0.00178	0
2055 Aug	0.0533	0.0000115	2.93	4.65	0.0419	0.00113	7.61	0.00276	0.0442	0.000243	0.000304	0.00012	0.167	0.0000022	0.000781	0.000573	0.00182	0
2055 Sep	0.0528	0.0000115	2.89	4.59	0.0409	0.00113	7.52	0.00273	0.0444	0.000234	0.000296	0.000119	0.165	0.0000022	0.000768	0.000557	0.00179	0
2055 Oct	0.0529	0.0000115	2.9	4.61	0.0409	0.00114	7.54	0.00274	0.0446	0.000233	0.000296	0.000119	0.166	0.00000221	0.000772	0.000555	0.00179	0
2055 Nov	0.053	0.0000115	2.92	4.63	0.0409	0.00114	7.56	0.00275	0.0447	0.000233	0.000296	0.00012	0.167	0.00000221	0.000777	0.000555	0.0018	0
2055 Dec	0.053	0.0000115	2.92	4.64	0.041	0.00115	7.57	0.00276	0.0447	0.000232	0.000297	0.00012	0.167	0.00000221	0.00078	0.000556	0.0018	0
2056 Jan	0.053	0.0000116	2.93	4.64	0.041	0.00115	7.58	0.00276	0.0447	0.000232	0.000297	0.00012	0.167	0.00000221	0.000781	0.000556	0.0018	0
2056 Feb	0.053	0.0000116	2.93	4.64	0.041	0.00115	7.58	0.00276	0.0447	0.000233	0.000297	0.00012	0.167	0.00000221	0.000781	0.000556	0.0018	0
2056 Mar	0.053	0.0000116	2.93	4.64	0.041	0.00115	7.58	0.00276	0.0447	0.000233	0.000297	0.00012	0.167	0.00000221	0.000781	0.000556	0.0018	0
2056 Apr	0.0531	0.0000116	2.94	4.66	0.0411	0.00115	7.6	0.00277	0.0449	0.000233	0.000298	0.00012	0.168	0.00000222	0.000784	0.000558	0.0018	0
2056 May	0.0565	0.0000116	2.97	4.76	0.045	0.00114	7.72	0.00279	0.0457	0.00027	0.0003	0.000123	0.172	0.00000223	0.000774	0.000598	0.00181	0
2056 Jun	0.0621	0.0000108	2.77	4.61	0.0528	0.000981	7.41	0.00258	0.0447	0.000357	0.000284	0.000121	0.168	0.0000021	0.000666	0.000677	0.00174	0
2056 Jul	0.0634	0.0000112	2.81	4.67	0.0532	0.000991	7.52	0.00262	0.0462	0.00036	0.00029	0.000122	0.17	0.00000217	0.000672	0.000687	0.0018	0
2056 Aug	0.0636	0.0000114	2.82	4.67	0.0526	0.001	7.54	0.00263	0.0469	0.000354	0.000287	0.000123	0.171	0.0000022	0.000673	0.000675	0.00181	0
2056 Sep	0.0644	0.0000116	2.88	4.76	0.053	0.00103	7.66	0.00268	0.0478	0.000355	0.000291	0.000125	0.174	0.00000224	0.000689	0.00068	0.00183	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0632	0.0000115	2.86	4.73	0.0515	0.00104	7.56	0.00266	0.0475	0.00034	0.000284	0.000123	0.172	0.00000222	0.00069	0.000659	0.00179	0
2056 Nov	0.0629	0.0000115	2.88	4.75	0.0513	0.00105	7.56	0.00268	0.0475	0.000337	0.000284	0.000124	0.173	0.00000222	0.000699	0.000655	0.00178	0
2056 Dec	0.0629	0.0000115	2.89	4.77	0.0514	0.00106	7.57	0.00269	0.0475	0.000337	0.000285	0.000124	0.174	0.00000222	0.000703	0.000655	0.00178	0
2057 Jan	0.0629	0.0000115	2.89	4.77	0.0514	0.00106	7.58	0.00269	0.0475	0.000337	0.000285	0.000124	0.174	0.00000222	0.000703	0.000655	0.00179	0
2057 Feb	0.063	0.0000115	2.89	4.77	0.0514	0.00106	7.58	0.00269	0.0475	0.000337	0.000285	0.000124	0.174	0.00000222	0.000703	0.000655	0.00179	0
2057 Mar	0.063	0.0000115	2.89	4.78	0.0514	0.00106	7.58	0.00269	0.0475	0.000337	0.000285	0.000124	0.174	0.00000222	0.000704	0.000656	0.00179	0
2057 Apr	0.0632	0.0000116	2.9	4.79	0.0516	0.00106	7.61	0.0027	0.0477	0.000338	0.000286	0.000125	0.174	0.00000223	0.000706	0.000658	0.00179	0
2057 May	0.0647	0.0000117	2.94	4.86	0.0531	0.00107	7.72	0.00273	0.0484	0.000351	0.00029	0.000126	0.177	0.00000226	0.000711	0.000675	0.00182	0
2057 Jun	0.062	0.000011	2.71	4.5	0.0514	0.000952	7	0.00253	0.0457	0.000348	0.000282	0.000118	0.164	0.00000212	0.000641	0.000673	0.00177	0
2057 Jul	0.0616	0.0000111	2.67	4.41	0.0499	0.000932	6.91	0.0025	0.0462	0.000336	0.000283	0.000116	0.161	0.00000216	0.000628	0.000666	0.00181	0
2057 Aug	0.0648	0.0000117	2.82	4.65	0.0523	0.000988	7.27	0.00264	0.0487	0.000352	0.000298	0.000123	0.17	0.00000228	0.000665	0.000697	0.00191	0
2057 Sep	0.0653	0.0000119	2.89	4.77	0.0528	0.00103	7.39	0.00271	0.0493	0.000351	0.000302	0.000125	0.174	0.00000231	0.00069	0.000699	0.00192	0
2057 Oct	0.0646	0.000012	2.95	4.85	0.0524	0.00107	7.41	0.00276	0.0492	0.000343	0.000303	0.000127	0.177	0.00000231	0.000717	0.000689	0.00191	0
2057 Nov	0.0646	0.000012	2.98	4.9	0.0525	0.00109	7.45	0.00279	0.0493	0.000343	0.000306	0.000128	0.178	0.00000231	0.00073	0.000689	0.00191	0
2057 Dec	0.0646	0.000012	2.99	4.91	0.0526	0.00109	7.46	0.0028	0.0493	0.000343	0.000306	0.000128	0.179	0.00000232	0.000733	0.00069	0.00191	0
2058 Jan	0.0646	0.000012	2.99	4.92	0.0526	0.00109	7.46	0.0028	0.0493	0.000343	0.000306	0.000128	0.179	0.00000232	0.000735	0.00069	0.00191	0
2058 Feb	0.0646	0.000012	2.99	4.92	0.0526	0.00109	7.46	0.0028	0.0493	0.000343	0.000307	0.000128	0.179	0.00000232	0.000735	0.00069	0.00191	0
2058 Mar	0.0647	0.000012	3	4.92	0.0526	0.00109	7.46	0.0028	0.0493	0.000343	0.000307	0.000128	0.179	0.00000232	0.000735	0.00069	0.00191	0
2058 Apr	0.0648	0.0000121	3	4.93	0.0527	0.0011	7.48	0.00281	0.0494	0.000344	0.000307	0.000129	0.179	0.00000232	0.000737	0.000691	0.00191	0
2058 May	0.0678	0.0000124	3.3	5.47	0.0583	0.00123	7.84	0.00307	0.0497	0.00038	0.000329	0.000141	0.197	0.00000235	0.000839	0.000736	0.00193	0
2058 Jun	0.0694	0.0000115	3.45	5.83	0.066	0.00127	7.73	0.00318	0.0455	0.000445	0.000334	0.000148	0.209	0.00000217	0.000895	0.000786	0.00178	0
2058 Jul	0.0694	0.0000117	3.42	5.76	0.065	0.00126	7.72	0.00316	0.0463	0.000437	0.000335	0.000147	0.207	0.00000221	0.000882	0.000785	0.00183	0
2058 Aug	0.0712	0.000012	3.52	5.91	0.0663	0.0013	7.92	0.00325	0.0477	0.000445	0.000343	0.000151	0.213	0.00000228	0.000908	0.000798	0.00187	0
2058 Sep	0.0703	0.0000121	3.5	5.88	0.0648	0.0013	7.85	0.00323	0.0479	0.00043	0.000337	0.00015	0.211	0.00000228	0.000906	0.000778	0.00185	0
2058 Oct	0.0694	0.0000121	3.51	5.88	0.0636	0.00133	7.81	0.00324	0.048	0.000418	0.000334	0.000149	0.211	0.00000228	0.000915	0.000762	0.00183	0
2058 Nov	0.0694	0.0000121	3.52	5.9	0.0636	0.00133	7.82	0.00325	0.0481	0.000417	0.000335	0.00015	0.212	0.00000228	0.000921	0.000762	0.00183	0
2058 Dec	0.0694	0.0000121	3.53	5.91	0.0637	0.00134	7.83	0.00326	0.0481	0.000417	0.000335	0.00015	0.212	0.00000228	0.000923	0.000762	0.00183	0
2059 Jan	0.0694	0.0000121	3.53	5.91	0.0637	0.00134	7.83	0.00326	0.0481	0.000417	0.000335	0.00015	0.212	0.00000228	0.000924	0.000762	0.00183	0
2059 Feb	0.0694	0.0000121	3.53	5.92	0.0637	0.00134	7.83	0.00326	0.0481	0.000417	0.000335	0.00015	0.212	0.00000228	0.000924	0.000762	0.00183	0
2059 Mar	0.0694	0.0000121	3.53	5.92	0.0637	0.00134	7.83	0.00326	0.0481	0.000417	0.000335	0.00015	0.212	0.00000228	0.000924	0.000762	0.00183	0
2059 Apr	0.0696	0.0000121	3.54	5.93	0.0638	0.00134	7.85	0.00327	0.0482	0.000418	0.000336	0.00015	0.213	0.00000229	0.000926	0.000764	0.00184	0
2059 May	0.0717	0.0000123	3.6	6.06	0.0664	0.00136	7.97	0.00332	0.0488	0.000439	0.000341	0.000154	0.218	0.00000231	0.000937	0.00079	0.00185	0
2059 Jun	0.0751	0.0000121	3.59	6.13	0.0713	0.00132	7.92	0.0033	0.0487	0.000487	0.000342	0.000156	0.221	0.00000226	0.000916	0.00084	0.00184	0
2059 Jul	0.0784	0.0000127	3.75	6.4	0.0741	0.00138	8.26	0.00345	0.0512	0.000506	0.000359	0.000163	0.23	0.00000238	0.000956	0.000877	0.00194	0
2059 Aug	0.0815	0.0000132	3.91	6.67	0.0769	0.00144	8.6	0.0036	0.0533	0.000524	0.000374	0.000169	0.24	0.00000248	0.001	0.000909	0.00202	0
2059 Sep	0.0809	0.0000133	3.92	6.67	0.0758	0.00146	8.58	0.00361	0.0537	0.000512	0.00037	0.000169	0.24	0.00000249	0.001	0.000894	0.00201	0
2059 Oct	0.0747	0.0000127	3.71	6.28	0.068	0.00143	8.03	0.00341	0.0519	0.000446	0.000339	0.000157	0.226	0.00000238	0.000962	0.0008	0.00186	0
2059 Nov	0.0741	0.0000127	3.72	6.29	0.0673	0.00144	8	0.00342	0.0518	0.000439	0.000337	0.000157	0.226	0.00000238	0.00097	0.00079	0.00185	0
2059 Dec	0.074	0.0000127	3.73	6.3	0.0673	0.00144	8	0.00343	0.0518	0.000439	0.000338	0.000157	0.226	0.00000238	0.000972	0.000791	0.00185	0
2060 Jan	0.0741	0.0000127	3.73	6.3	0.0674	0.00144	8.01	0.00343	0.0518	0.000439	0.000338	0.000158	0.226	0.00000238	0.000973	0.000791	0.00185	0
2060 Feb	0.0741	0.0000127	3.73	6.3	0.0674	0.00144	8.01	0.00343	0.0518	0.000439	0.000338	0.000158	0.226	0.00000238	0.000973	0.000791	0.00185	0
2060 Mar	0.0741	0.0000128	3.73	6.31	0.0674	0.00145	8.01	0.00343	0.0519	0.000439	0.000338	0.000158	0.226	0.00000238	0.000974	0.000791	0.00185	0
2060 Apr	0.0743	0.0000128	3.75	6.33	0.0676	0.00145	8.04	0.00344	0.052	0.00044	0.000339	0.000158	0.227	0.00000239	0.000977	0.000794	0.00186	0
2060 May	0.0775	0.0000128	3.78	6.46	0.072	0.00144	8.13	0.00347	0.0523	0.000481	0.000343	0.000162	0.232	0.00000238	0.000974	0.000837	0.00186	0
2060 Jun	0.0779	0.0000119	3.49	6.04	0.0735	0.00126	7.77	0.00319	0.0498	0.000514	0.000324	0.000153	0.218	0.00000224	0.000857	0.000859	0.00179	0
2060 Jul	0.0806	0.0000124	3.61	6.23	0.0755	0.0013	8.04	0.0033	0.052	0.000528	0.000337	0.000158	0.225	0.00000234	0.000883	0.000888	0.00188	0
2060 Aug	0.0802	0.0000126	3.61	6.21	0.0744	0.00131	8.03	0.0033	0.0525	0.000516	0.000334	0.000158	0.225	0.00000237	0.000884	0.00087	0.00189	0
2060 Sep	0.0735	0.0000121	3.41	5.81	0.0665	0.00127	7.5	0.00312	0.0502	0.000448	0.000304	0.000148	0.211	0.00000228	0.00084	0.000769	0.00176	0
2060 Oct	0.0719	0.000012	3.38	5.75	0.0643	0.00128	7.38	0.0031	0.05	0.000428	0.000297	0.000146	0.208	0.00000227	0.000841	0.000743	0.00172	0
2060 Nov	0.0712	0.000012	3.38	5.74	0.0635	0.00129	7.34	0.00309	0.0499	0.000421	0.000295	0.000145	0.208	0.00000226	0.000844	0.000733	0.00171	0
2060 Dec	0.0712	0.000012	3.39	5.76	0.0636	0.0013	7.35	0.0031	0.0499	0.000421	0.000296	0.000145	0.208	0.00000226	0.000849	0.000733	0.00171	0
2061 Jan	0.0712	0.000012	3.4	5.76	0.0636	0.0013	7.36	0.00311	0.0499	0.000421	0.000297	0.000146	0.208	0.00000226	0.00085	0.000733	0.00171	0
2061 Feb	0.0712	0.000012	3.4	5.77	0.0636	0.0013	7.36	0.00311	0.0499	0.000421	0.000297	0.000146	0.209	0.00000226	0.000851	0.000733	0.00171	0
2061 Mar	0.0712	0.000012	3.4	5.77	0.0637	0.0013	7.36	0.00311	0.0499	0.000421	0.000297	0.000146	0.209	0.00000226	0.000851	0.000733	0.00171	0
2061 Apr	0.0714	0.0000121	3.41	5.79	0.0639	0.00131	7.38	0.00312	0.05	0.000422	0.000298	0.000146	0.209	0.00000227	0.000854	0.000736	0.00172	0
2061 May	0.0748	0.0000121	3.54	6.06	0.0691	0.00134	7.59	0.00323	0.0502	0.000466	0.00031	0.000153	0.219	0.00000228	0.000888	0.000787	0.00173	0
2061 Jun	0.0732	0.0000112	3.33	5.75	0.0696	0.00121	7.25	0.00303	0.0466	0.000484	0.0003	0.000146	0.208	0.00000212	0.000818	0.000797	0.00166	0
2061 Jul	0.0754	0.0000117	3.43	5.89	0.0709	0.00124	7.46	0.00312	0.0485	0.000492	0.000311	0.00015	0.213	0.00000222	0.00084	0.000818	0.00174	0
2061 Aug	0.0781	0.0000122	3.56	6.12	0.0732	0.0013	7.73	0.00325	0.0505	0.000507	0.000323	0.000156	0.222	0.00000231	0.000875	0.000843	0.00181	0
2061 Sep	0.0782	0.0000123	3.61	6.19	0.0731	0.00133	7.78	0.00329	0.0509	0.000503	0.000325	0.000158	0.224	0.00000233	0.000893	0.000839	0.00182	0
2061 Oct	0.0744	0.0000121	3.58	6.1	0.069	0.00136	7.51	0.00327	0.0499	0.000463	0.000315	0.000154	0.22	0.00000228	0.000906	0.000787	0.00174	0
2061 Nov	0.0734	0.0000121	3.62	6.15	0.068	0.00139	7.46	0.0033	0.0496	0.000451	0.000315	0.000154	0.221	0.00000228	0.000927	0.000773	0.00172	0
2061 Dec	0.0734	0.0000121	3.63	6.16	0.0681	0.00139	7.47	0.00331	0.0496	0.000451	0.000316	0.000155	0.222	0.00000228	0.000932	0.000773	0.00172	0
2062 Jan	0.0734	0.0000121	3.63	6.17	0.0681	0.0014	7.47	0.00331	0.0496	0.000451	0.000316	0.000155	0.222	0.00000228	0.000934	0.000773	0.00172	0
2062 Feb	0.0734	0.0000121	3.63	6.17	0.0681	0.0014	7.47	0.00332	0.0496	0.000451	0.000316	0.000155	0.222	0.00000228	0.000934	0.000773	0.00172	0
2062 Mar	0.0734	0.0000121	3.64	6.18	0.0682	0.0014	7.48	0.00332	0.0496	0.000452	0.000317	0.000155	0.223	0.00000228	0.000936	0.000774	0.00173	0
2062 Apr	0.0737	0.0000122	3.65	6.2	0.0684	0.0014	7.5	0.00333	0.0498	0.000453	0.000318	0.000156	0.223	0.00000229	0.000939	0.000777	0.00173	0
2062 May	0.0744	0.0000123	3.69	6.26	0.0691	0.00142	7.57	0.00336	0.0503	0.000458	0.000321	0.000157	0.226	0.00000231	0.000948	0.000784	0.00175	0
2062 Jun	0.0644	0.0000116	3.27	5.43	0.057	0.00125	6.56	0.00302	0.0466	0.000366	0.00031	0.000138	0.196	0.0000022	0.000848	0.000697	0.00175	0
2062 Jul	0.0598	0.0000113	3.01	4.93	0.0505	0.00114	6.08	0.00281	0.0454	0.000319	0.000301	0.000127	0.178	0.00000217	0.000776	0.000651	0.00177	0
2062 Aug	0.0593	0.0000114	2.99	4.88	0.0492	0.00114	6.05	0.00279	0.0457	0.000308	0.000294	0.000126	0.177	0.00000219	0.000768	0.000629	0.00176	0
2062 Sep	0.0575	0.0000113	2.93	4.77	0.0467	0.00113	5.9	0.00273	0.0454	0.000286	0.00028	0.000122	0.172	0.00000216	0.000752	0.000594	0.0017	0
2062 Oct	0.0521	0.0000107	2.82	4.55	0.0404	0.00115	5.65	0.00262	0.0437	0.00023	0.000251	0.000114	0.164	0.00000205	0.000744	0.000507	0.00153	0
2062 Nov	0.052	0.0000108	2.83	4.56	0.0402	0.00116	5.65	0.00263	0.0438	0.000227	0.000251	0.000115	0.165	0.00000206	0.000749	0.000504	0.00153	0
2062 Dec	0.052	0.0000108	2.84	4.58	0.0403	0.00117	5.66	0.00263	0.0438	0.000227	0.000251	0.000115	0.165	0.00000206	0.000752	0.000504	0.00153	0
2063 Jan	0.052	0.0000108	2.84	4.58	0.0403	0.00117	5.66	0.00264	0.0438	0.000227	0.000251	0.000115	0.165	0.00000206	0.000753	0.000504	0.00153	0
2063 Feb	0.052	0.0000108	2.85	4.58	0.0403	0.00117	5.66	0.00264	0.0438	0.000227	0.000251	0.000115	0.166	0.00000206	0.000754	0.000504	0.00153	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.052	0.0000108	2.85	4.58	0.0403	0.00117	5.66	0.00264	0.0438	0.000227	0.000251	0.000115	0.166	0.00000206	0.000754	0.000504	0.00153	0
2063 Apr	0.0521	0.0000108	2.85	4.59	0.0404	0.00117	5.67	0.00264	0.0439	0.000228	0.000252	0.000115	0.166	0.00000206	0.000756	0.000505	0.00153	0
2063 May	0.0551	0.0000108	2.88	4.69	0.0439	0.00116	5.82	0.00266	0.0446	0.00026	0.000255	0.000118	0.17	0.00000208	0.000748	0.000542	0.00155	0
2063 Jun	0.0589	0.00000964	2.46	4.13	0.0499	0.000862	5.64	0.00226	0.0417	0.000346	0.000239	0.000108	0.152	0.0000019	0.000563	0.000628	0.00153	0
2063 Jul	0.0575	0.00000966	2.37	3.95	0.0473	0.000819	5.51	0.00219	0.0418	0.000327	0.000239	0.000104	0.146	0.00000192	0.000535	0.000614	0.00156	0
2063 Aug	0.0597	0.0000101	2.47	4.11	0.0489	0.000857	5.72	0.00228	0.0436	0.000337	0.000247	0.000109	0.152	0.000002	0.000559	0.000633	0.00162	0
2063 Sep	0.0591	0.0000102	2.51	4.15	0.0481	0.000887	5.72	0.00231	0.0438	0.000326	0.000246	0.000109	0.153	0.00000202	0.000574	0.000618	0.00161	0
2063 Oct	0.058	0.0000102	2.51	4.16	0.0467	0.000912	5.64	0.00232	0.0437	0.000312	0.000242	0.000109	0.153	0.000002	0.000585	0.000598	0.00158	0
2063 Nov	0.0578	0.0000102	2.54	4.21	0.0467	0.000931	5.64	0.00235	0.0437	0.00031	0.000243	0.00011	0.155	0.00000201	0.000598	0.000596	0.00158	0
2063 Dec	0.0579	0.0000102	2.55	4.22	0.0468	0.000935	5.65	0.00236	0.0437	0.00031	0.000244	0.00011	0.155	0.00000201	0.000602	0.000596	0.00158	0
2064 Jan	0.0579	0.0000103	2.56	4.23	0.0468	0.000938	5.65	0.00236	0.0437	0.00031	0.000244	0.00011	0.155	0.00000201	0.000604	0.000596	0.00158	0
2064 Feb	0.0579	0.0000103	2.56	4.23	0.0468	0.000939	5.65	0.00236	0.0437	0.00031	0.000244	0.00011	0.155	0.00000201	0.000605	0.000597	0.00158	0
2064 Mar	0.0579	0.0000103	2.56	4.24	0.0469	0.00094	5.66	0.00237	0.0438	0.00031	0.000245	0.00011	0.156	0.00000201	0.000606	0.000597	0.00158	0
2064 Apr	0.058	0.0000103	2.57	4.25	0.047	0.000942	5.67	0.00237	0.0438	0.000311	0.000245	0.00011	0.156	0.00000202	0.000607	0.000598	0.00158	0
2064 May	0.0616	0.0000105	2.74	4.59	0.0524	0.001	5.9	0.00252	0.0443	0.000353	0.000259	0.000119	0.168	0.00000204	0.000655	0.000648	0.0016	0
2064 Jun	0.0663	0.0000101	2.85	4.88	0.061	0.000997	6.09	0.0026	0.0429	0.000431	0.000271	0.000126	0.178	0.00000196	0.000673	0.000729	0.00158	0
2064 Jul	0.0673	0.0000104	2.87	4.91	0.0609	0.001	6.16	0.00263	0.0443	0.00043	0.000275	0.000127	0.179	0.00000203	0.000676	0.000734	0.00163	0
2064 Aug	0.0674	0.0000106	2.89	4.92	0.0602	0.00102	6.16	0.00265	0.0449	0.000423	0.000274	0.000128	0.18	0.00000206	0.000682	0.000721	0.00164	0
2064 Sep	0.0646	0.0000106	2.9	4.9	0.057	0.00106	6.01	0.00266	0.0444	0.00039	0.000266	0.000127	0.179	0.00000205	0.0007	0.000675	0.00159	0
2064 Oct	0.0643	0.0000108	2.99	5.03	0.057	0.00111	6.03	0.00274	0.0447	0.000383	0.000271	0.000129	0.183	0.00000207	0.000736	0.00067	0.00159	0
2064 Nov	0.0645	0.0000108	3.03	5.1	0.0573	0.00113	6.06	0.00278	0.0447	0.000384	0.000274	0.000131	0.185	0.00000208	0.000751	0.000672	0.0016	0
2064 Dec	0.0645	0.0000109	3.04	5.11	0.0574	0.00113	6.06	0.00278	0.0448	0.000384	0.000274	0.000131	0.186	0.00000208	0.000753	0.000673	0.0016	0
2065 Jan	0.0645	0.0000109	3.04	5.12	0.0574	0.00114	6.06	0.00279	0.0448	0.000384	0.000275	0.000131	0.186	0.00000208	0.000755	0.000673	0.0016	0
2065 Feb	0.0645	0.0000109	3.04	5.12	0.0574	0.00114	6.07	0.00279	0.0448	0.000384	0.000275	0.000131	0.186	0.00000208	0.000756	0.000673	0.0016	0
2065 Mar	0.0646	0.0000109	3.05	5.13	0.0575	0.00114	6.07	0.00279	0.0448	0.000385	0.000275	0.000131	0.186	0.00000208	0.000757	0.000674	0.0016	0
2065 Apr	0.0648	0.0000109	3.06	5.14	0.0577	0.00114	6.09	0.0028	0.045	0.000386	0.000276	0.000132	0.187	0.00000209	0.00076	0.000676	0.00161	0
2065 May	0.0682	0.0000111	3.21	5.44	0.0623	0.00119	6.29	0.00294	0.0458	0.000422	0.000289	0.000139	0.197	0.00000212	0.000801	0.000721	0.00164	0
2065 Jun	0.069	0.0000108	3.14	5.38	0.0647	0.00113	6.19	0.00287	0.0445	0.000449	0.000292	0.000138	0.195	0.00000205	0.000774	0.000754	0.00163	0
2065 Jul	0.0709	0.0000113	3.25	5.53	0.0658	0.00117	6.39	0.00298	0.0463	0.000455	0.000305	0.000142	0.201	0.00000215	0.000801	0.000775	0.00172	0
2065 Aug	0.0731	0.0000117	3.39	5.76	0.0677	0.00123	6.61	0.0031	0.0481	0.000465	0.000316	0.000148	0.209	0.00000224	0.000841	0.000794	0.00178	0
2065 Sep	0.0695	0.0000116	3.36	5.67	0.0635	0.00126	6.37	0.00308	0.0473	0.000425	0.000304	0.000144	0.205	0.0000022	0.00085	0.000739	0.00171	0
2065 Oct	0.0635	0.0000113	3.3	5.52	0.0563	0.00131	6	0.00302	0.046	0.000356	0.000284	0.000138	0.199	0.00000213	0.000867	0.000648	0.00158	0
2065 Nov	0.0627	0.0000113	3.31	5.51	0.0554	0.00133	5.97	0.00303	0.046	0.000346	0.000281	0.000137	0.198	0.00000212	0.000873	0.000636	0.00156	0
2065 Dec	0.0627	0.0000113	3.31	5.52	0.0554	0.00133	5.98	0.00303	0.046	0.000346	0.000282	0.000137	0.199	0.00000213	0.000875	0.000636	0.00156	0
2066 Jan	0.0627	0.0000113	3.32	5.53	0.0555	0.00133	5.98	0.00304	0.046	0.000346	0.000282	0.000138	0.199	0.00000213	0.000878	0.000636	0.00156	0
2066 Feb	0.0628	0.0000113	3.32	5.54	0.0555	0.00134	5.98	0.00304	0.046	0.000346	0.000282	0.000138	0.199	0.00000213	0.000879	0.000637	0.00156	0
2066 Mar	0.0629	0.0000113	3.33	5.55	0.0556	0.00134	5.99	0.00305	0.0461	0.000347	0.000283	0.000138	0.199	0.00000213	0.00088	0.000638	0.00157	0
2066 Apr	0.063	0.0000114	3.34	5.56	0.0557	0.00134	6.01	0.00305	0.0462	0.000348	0.000284	0.000138	0.2	0.00000214	0.000883	0.000639	0.00157	0
2066 May	0.064	0.0000115	3.36	5.62	0.0567	0.00135	6.08	0.00308	0.0467	0.000355	0.000286	0.00014	0.202	0.00000216	0.000888	0.00065	0.00159	0
2066 Jun	0.0593	0.0000106	2.97	4.91	0.0516	0.00114	5.57	0.00274	0.0434	0.000332	0.000278	0.000125	0.178	0.00000204	0.000762	0.000634	0.0016	0
2066 Jul	0.0605	0.0000111	3	4.94	0.0514	0.00114	5.68	0.00278	0.0452	0.000329	0.000289	0.000126	0.179	0.00000213	0.000768	0.000647	0.0017	0
2066 Aug	0.0624	0.0000115	3.12	5.12	0.0528	0.00119	5.87	0.00289	0.0469	0.000336	0.000298	0.000131	0.185	0.00000222	0.000798	0.000661	0.00176	0
2066 Sep	0.0619	0.0000116	3.14	5.15	0.052	0.00121	5.84	0.00291	0.0471	0.000326	0.000295	0.000131	0.186	0.00000222	0.00081	0.000647	0.00174	0
2066 Oct	0.06	0.0000115	3.13	5.13	0.0498	0.00124	5.71	0.0029	0.0468	0.000304	0.000287	0.000129	0.185	0.0000022	0.00082	0.000616	0.00169	0
2066 Nov	0.0597	0.0000115	3.16	5.16	0.0495	0.00126	5.69	0.00292	0.0468	0.000299	0.000288	0.00013	0.186	0.00000219	0.000832	0.000611	0.00168	0
2066 Dec	0.0597	0.0000115	3.17	5.18	0.0496	0.00127	5.7	0.00293	0.0468	0.000299	0.000288	0.00013	0.187	0.0000022	0.000836	0.000611	0.00168	0
2067 Jan	0.0597	0.0000115	3.17	5.19	0.0496	0.00127	5.7	0.00294	0.0468	0.000299	0.000289	0.00013	0.187	0.0000022	0.000838	0.000612	0.00168	0
2067 Feb	0.0597	0.0000116	3.17	5.19	0.0496	0.00127	5.7	0.00294	0.0468	0.000299	0.000289	0.00013	0.187	0.0000022	0.000838	0.000612	0.00168	0
2067 Mar	0.0598	0.0000116	3.18	5.19	0.0497	0.00127	5.71	0.00294	0.0468	0.0003	0.000289	0.000131	0.187	0.0000022	0.000839	0.000612	0.00168	0
2067 Apr	0.0599	0.0000116	3.18	5.21	0.0498	0.00127	5.72	0.00295	0.0469	0.0003	0.00029	0.000131	0.188	0.0000022	0.000841	0.000614	0.00169	0
2067 May	0.0633	0.0000117	3.22	5.31	0.0537	0.00126	5.88	0.00297	0.0479	0.000337	0.000294	0.000134	0.192	0.00000222	0.000832	0.000656	0.00171	0
2067 Jun	0.0667	0.0000112	3.09	5.21	0.0589	0.00115	5.86	0.00284	0.0468	0.000395	0.00029	0.000133	0.189	0.00000213	0.000765	0.000715	0.0017	0
2067 Jul	0.0691	0.0000117	3.21	5.4	0.0605	0.00119	6.06	0.00296	0.049	0.000405	0.000304	0.000138	0.196	0.00000224	0.000797	0.000739	0.00178	0
2067 Aug	0.0692	0.000012	3.27	5.48	0.0599	0.00123	6.08	0.00302	0.0496	0.000397	0.000305	0.00014	0.198	0.00000228	0.00082	0.000724	0.00179	0
2067 Sep	0.0689	0.0000121	3.32	5.54	0.0594	0.00126	6.09	0.00306	0.0499	0.000389	0.000306	0.000141	0.2	0.0000023	0.000838	0.000714	0.00179	0
2067 Oct	0.0661	0.000012	3.3	5.49	0.0563	0.00129	5.9	0.00304	0.0491	0.000359	0.000296	0.000138	0.198	0.00000226	0.000849	0.000673	0.00172	0
2067 Nov	0.0655	0.000012	3.32	5.52	0.0557	0.00131	5.87	0.00306	0.0491	0.000351	0.000296	0.000138	0.199	0.00000226	0.000862	0.000664	0.00171	0
2067 Dec	0.0655	0.000012	3.33	5.54	0.0558	0.00132	5.87	0.00307	0.0491	0.000351	0.000297	0.000139	0.2	0.00000226	0.000868	0.000664	0.00171	0
2068 Jan	0.0655	0.000012	3.34	5.55	0.0559	0.00132	5.88	0.00308	0.0491	0.000351	0.000297	0.000139	0.2	0.00000226	0.00087	0.000664	0.00171	0
2068 Feb	0.0655	0.000012	3.34	5.56	0.0559	0.00132	5.88	0.00308	0.0491	0.000351	0.000297	0.000139	0.2	0.00000226	0.000871	0.000665	0.00171	0
2068 Mar	0.0656	0.000012	3.35	5.57	0.056	0.00132	5.89	0.00309	0.0492	0.000352	0.000298	0.000139	0.2	0.00000226	0.000873	0.000666	0.00171	0
2068 Apr	0.0661	0.0000121	3.37	5.6	0.0564	0.00133	5.93	0.00311	0.0495	0.000354	0.0003	0.00014	0.202	0.00000228	0.000878	0.00067	0.00172	0
2068 May	0.0689	0.0000121	3.41	5.72	0.06	0.00133	6.08	0.00314	0.05	0.000387	0.000304	0.000144	0.206	0.00000228	0.000878	0.000708	0.00174	0
2068 Jun	0.0672	0.0000106	2.99	5.09	0.0609	0.00108	5.81	0.00274	0.0449	0.000422	0.000281	0.000131	0.185	0.00000204	0.000724	0.000727	0.00163	0
2068 Jul	0.0666	0.0000108	2.95	5	0.0587	0.00106	5.73	0.00271	0.0456	0.000405	0.000281	0.000129	0.182	0.00000209	0.000714	0.000711	0.00166	0
2068 Aug	0.0691	0.0000114	3.09	5.22	0.0607	0.00112	5.95	0.00284	0.0476	0.000417	0.000292	0.000134	0.19	0.00000218	0.00075	0.000731	0.00173	0
2068 Sep	0.0679	0.0000114	3.09	5.2	0.059	0.00114	5.89	0.00284	0.0477	0.000399	0.000287	0.000133	0.189	0.00000218	0.000755	0.000709	0.00171	0
2068 Oct	0.0675	0.0000115	3.12	5.24	0.0584	0.00116	5.88	0.00287	0.048	0.000391	0.000287	0.000134	0.19	0.00000219	0.00077	0.0007	0.0017	0
2068 Nov	0.0677	0.0000115	3.14	5.27	0.0586	0.00117	5.9	0.00288	0.0481	0.000392	0.000288	0.000134	0.191	0.0000022	0.000777	0.000701	0.00171	0
2068 Dec	0.0677	0.0000115	3.14	5.28	0.0586	0.00117	5.9	0.00289	0.0481	0.000392	0.000288	0.000135	0.192	0.0000022	0.000778	0.000702	0.00171	0
2069 Jan	0.0677	0.0000115	3.15	5.29	0.0586	0.00118	5.9	0.00289	0.0481	0.000392	0.000289	0.000135	0.192	0.0000022	0.00078	0.000702	0.00171	0
2069 Feb	0.0677	0.0000115	3.15	5.29	0.0587	0.00118	5.9	0.00289	0.0481	0.000392	0.000289	0.000135	0.192	0.0000022	0.00078	0.000702	0.00171	0
2069 Mar	0.0677	0.0000115	3.15	5.29	0.0587	0.00118	5.9	0.00289	0.0481	0.000392	0.000289	0.000135	0.192	0.0000022	0.000781	0.000702	0.00171	0
2069 Apr	0.0678	0.0000116	3.15	5.3	0.0588	0.00118	5.91	0.0029	0.0482	0.000393	0.000289	0.000135	0.192	0.00000221	0.000782	0.000703	0.00171	0
2069 May	0.0691	0.0000117	3.2	5.39	0.06	0.0012	6.01	0.00294	0.049	0.000401	0.000294	0.000137	0.196	0.00000224	0.000793	0.000717	0.00174	0
2069 Jun	0.0634	0.0000112	2.93	4.88	0.054	0.00108	5.41	0.00272	0.0462	0.000359	0.00029	0.000126	0.177	0.00000214	0.000725	0.000683	0.00174	0
2069 Jul	0.0636	0.0000115	2.94	4.86	0.0531	0.00107	5.44	0.00274	0.0472	0.00035	0.000297	0.000126	0.177	0.0000022	0.000726	0.000685	0.00181	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0645	0.0000118	3	4.95	0.0533	0.0011	5.53	0.00279	0.0483	0.00035	0.0003	0.000128	0.18	0.00000226	0.000741	0.000685	0.00184	0
2069 Sep	0.0617	0.0000115	2.94	4.83	0.0501	0.00111	5.35	0.00274	0.0475	0.00032	0.000285	0.000124	0.176	0.00000221	0.000734	0.000639	0.00176	0
2069 Oct	0.0575	0.0000111	2.84	4.64	0.045	0.00112	5.13	0.00263	0.0464	0.000275	0.000261	0.000117	0.168	0.00000213	0.00072	0.000571	0.00163	0
2069 Nov	0.0571	0.0000111	2.82	4.6	0.0441	0.00112	5.11	0.00261	0.0465	0.000267	0.000256	0.000116	0.167	0.00000212	0.000714	0.00056	0.00161	0
2069 Dec	0.0571	0.0000111	2.82	4.61	0.0442	0.00112	5.11	0.00262	0.0465	0.000267	0.000257	0.000116	0.167	0.00000212	0.000717	0.00056	0.00161	0
2070 Jan	0.0571	0.0000111	2.83	4.61	0.0442	0.00112	5.11	0.00262	0.0465	0.000267	0.000257	0.000116	0.167	0.00000212	0.000718	0.00056	0.00161	0
2070 Feb	0.0571	0.0000111	2.83	4.61	0.0442	0.00112	5.11	0.00262	0.0465	0.000267	0.000257	0.000116	0.167	0.00000212	0.000718	0.00056	0.00161	0
2070 Mar	0.0571	0.0000111	2.83	4.62	0.0442	0.00112	5.11	0.00262	0.0466	0.000267	0.000257	0.000117	0.168	0.00000213	0.000719	0.000561	0.00161	0
2070 Apr	0.0573	0.0000112	2.84	4.63	0.0444	0.00113	5.13	0.00263	0.0467	0.000268	0.000258	0.000117	0.168	0.00000213	0.000721	0.000563	0.00162	0
2070 May	0.0603	0.0000112	2.87	4.74	0.048	0.00111	5.31	0.00265	0.0474	0.000302	0.000262	0.00012	0.172	0.00000215	0.000715	0.000602	0.00164	0
2070 Jun	0.0654	0.0000107	2.75	4.67	0.0554	0.000988	5.55	0.00253	0.0464	0.000382	0.000259	0.00012	0.171	0.00000207	0.000639	0.000683	0.00163	0
2070 Jul	0.067	0.0000111	2.81	4.76	0.0561	0.00101	5.66	0.00259	0.0481	0.000386	0.000268	0.000123	0.174	0.00000214	0.000652	0.000698	0.0017	0
2070 Aug	0.0679	0.0000114	2.86	4.82	0.0563	0.00103	5.74	0.00263	0.0492	0.000386	0.00027	0.000125	0.177	0.0000022	0.000663	0.000697	0.00173	0
2070 Sep	0.0658	0.0000113	2.83	4.76	0.0536	0.00104	5.6	0.00261	0.0488	0.00036	0.00026	0.000122	0.174	0.00000217	0.000664	0.000661	0.00168	0
2070 Oct	0.0633	0.0000111	2.77	4.63	0.0504	0.00105	5.43	0.00254	0.0484	0.000332	0.000247	0.000118	0.17	0.00000213	0.000655	0.000621	0.00161	0
2070 Nov	0.0631	0.0000111	2.79	4.66	0.0502	0.00106	5.42	0.00256	0.0483	0.000329	0.000248	0.000118	0.17	0.00000213	0.000663	0.000618	0.00161	0
2070 Dec	0.0631	0.0000111	2.79	4.67	0.0502	0.00106	5.42	0.00257	0.0483	0.000329	0.000248	0.000118	0.171	0.00000213	0.000665	0.000618	0.00161	0
2071 Jan	0.0631	0.0000111	2.79	4.67	0.0503	0.00106	5.42	0.00257	0.0483	0.000329	0.000248	0.000118	0.171	0.00000213	0.000665	0.000618	0.00161	0
2071 Feb	0.0631	0.0000111	2.79	4.67	0.0503	0.00106	5.42	0.00257	0.0483	0.000329	0.000248	0.000118	0.171	0.00000213	0.000666	0.000618	0.00161	0
2071 Mar	0.0631	0.0000111	2.79	4.67	0.0503	0.00106	5.42	0.00257	0.0483	0.000329	0.000248	0.000119	0.171	0.00000213	0.000666	0.000619	0.00161	0
2071 Apr	0.0632	0.0000111	2.8	4.68	0.0503	0.00106	5.43	0.00257	0.0484	0.000329	0.000249	0.000119	0.171	0.00000214	0.000667	0.000619	0.00161	0
2071 May	0.0661	0.0000111	2.8	4.74	0.054	0.00104	5.57	0.00257	0.0487	0.000365	0.000251	0.000121	0.174	0.00000213	0.000651	0.000658	0.00162	0
2071 Jun	0.0677	0.0000103	2.59	4.47	0.0577	0.000882	5.58	0.00237	0.0464	0.000414	0.000246	0.000116	0.165	0.00000202	0.000561	0.000708	0.0016	0
2071 Jul	0.0677	0.0000106	2.59	4.44	0.0568	0.000877	5.59	0.00237	0.0472	0.000407	0.000251	0.000116	0.164	0.00000206	0.000559	0.00071	0.00165	0
2071 Aug	0.0694	0.0000109	2.66	4.55	0.0579	0.000905	5.74	0.00244	0.0487	0.000413	0.000256	0.000119	0.168	0.00000213	0.000574	0.000721	0.0017	0
2071 Sep	0.0665	0.0000108	2.59	4.4	0.0543	0.000902	5.56	0.00237	0.048	0.000381	0.000242	0.000115	0.163	0.0000021	0.00056	0.000674	0.00164	0
2071 Oct	0.065	0.0000107	2.55	4.33	0.0523	0.000906	5.45	0.00234	0.0478	0.000363	0.000234	0.000113	0.16	0.00000208	0.000556	0.00065	0.0016	0
2071 Nov	0.0643	0.0000107	2.54	4.31	0.0512	0.000912	5.41	0.00233	0.0479	0.000353	0.00023	0.000111	0.159	0.00000208	0.000555	0.000637	0.00159	0
2071 Dec	0.0643	0.0000107	2.55	4.31	0.0512	0.000915	5.41	0.00233	0.0479	0.000352	0.000231	0.000112	0.16	0.00000208	0.000558	0.000636	0.00159	0
2072 Jan	0.0643	0.0000107	2.55	4.32	0.0512	0.000916	5.41	0.00233	0.0479	0.000352	0.000231	0.000112	0.16	0.00000208	0.000558	0.000636	0.00159	0
2072 Feb	0.0643	0.0000107	2.55	4.32	0.0512	0.000916	5.41	0.00233	0.0479	0.000352	0.000231	0.000112	0.16	0.00000208	0.000559	0.000636	0.00159	0
2072 Mar	0.0643	0.0000107	2.55	4.32	0.0512	0.000917	5.41	0.00233	0.0479	0.000352	0.000231	0.000112	0.16	0.00000208	0.000559	0.000636	0.00159	0
2072 Apr	0.0645	0.0000107	2.56	4.33	0.0513	0.000919	5.43	0.00234	0.048	0.000353	0.000232	0.000112	0.16	0.00000208	0.000561	0.000638	0.00159	0
2072 May	0.0654	0.0000109	2.59	4.39	0.052	0.000932	5.5	0.00237	0.0487	0.000358	0.000235	0.000114	0.162	0.00000211	0.000568	0.000647	0.00161	0
2072 Jun	0.06	0.0000106	2.42	4.03	0.046	0.000862	5.02	0.00225	0.0467	0.00031	0.000241	0.000105	0.149	0.00000207	0.000539	0.000613	0.00167	0
2072 Jul	0.0595	0.0000108	2.41	3.98	0.0446	0.000857	4.97	0.00225	0.0471	0.000298	0.000245	0.000105	0.147	0.00000211	0.000538	0.000604	0.0017	0
2072 Aug	0.0573	0.0000108	2.42	3.95	0.0423	0.000883	4.92	0.00226	0.0464	0.000274	0.000236	0.000104	0.146	0.00000211	0.000547	0.000561	0.00166	0
2072 Sep	0.0552	0.0000107	2.37	3.85	0.0398	0.000884	4.84	0.00221	0.0458	0.000252	0.000223	0.000102	0.143	0.00000209	0.000537	0.000524	0.0016	0
2072 Oct	0.0529	0.0000104	2.29	3.7	0.0368	0.000878	4.75	0.00213	0.0452	0.000226	0.000207	0.0000968	0.138	0.00000204	0.000521	0.000485	0.00152	0
2072 Nov	0.0526	0.0000104	2.3	3.7	0.0365	0.000886	4.74	0.00213	0.0451	0.000223	0.000206	0.0000967	0.138	0.00000203	0.000524	0.00048	0.00151	0
2072 Dec	0.0526	0.0000104	2.3	3.71	0.0365	0.000888	4.74	0.00214	0.0451	0.000223	0.000206	0.0000969	0.138	0.00000203	0.000527	0.00048	0.00151	0
2073 Jan	0.0526	0.0000104	2.31	3.72	0.0365	0.000889	4.74	0.00214	0.0451	0.000223	0.000206	0.0000969	0.138	0.00000203	0.000527	0.00048	0.00151	0
2073 Feb	0.0526	0.0000104	2.31	3.72	0.0365	0.00089	4.74	0.00214	0.0451	0.000223	0.000206	0.000097	0.138	0.00000203	0.000528	0.00048	0.00151	0
2073 Mar	0.0526	0.0000104	2.31	3.72	0.0366	0.00089	4.75	0.00214	0.0451	0.000223	0.000207	0.000097	0.138	0.00000204	0.000528	0.00048	0.00151	0
2073 Apr	0.0529	0.0000105	2.32	3.74	0.0368	0.000895	4.77	0.00215	0.0454	0.000224	0.000208	0.0000976	0.139	0.00000205	0.000531	0.000483	0.00152	0
2073 May	0.0574	0.0000106	2.52	4.14	0.0436	0.000955	5.05	0.00232	0.0458	0.000279	0.000225	0.000107	0.153	0.00000207	0.000584	0.000548	0.00155	0
2073 Jun	0.063	0.0000104	2.62	4.43	0.053	0.000937	5.32	0.0024	0.045	0.000365	0.000243	0.000115	0.163	0.00000202	0.000596	0.000648	0.00157	0
2073 Jul	0.0638	0.0000106	2.65	4.45	0.053	0.000943	5.4	0.00243	0.046	0.000365	0.000247	0.000116	0.164	0.00000207	0.0006	0.000652	0.00161	0
2073 Aug	0.065	0.0000109	2.7	4.53	0.0534	0.000963	5.5	0.00248	0.0472	0.000367	0.00025	0.000119	0.167	0.00000213	0.000611	0.000655	0.00165	0
2073 Sep	0.0638	0.0000109	2.68	4.48	0.0517	0.000969	5.42	0.00246	0.0471	0.000351	0.000244	0.000117	0.165	0.00000212	0.000608	0.000633	0.00162	0
2073 Oct	0.0614	0.0000107	2.64	4.4	0.0488	0.000983	5.25	0.00242	0.0467	0.000324	0.000233	0.000114	0.162	0.00000208	0.000609	0.000596	0.00156	0
2073 Nov	0.061	0.0000107	2.66	4.42	0.0484	0.001	5.22	0.00244	0.0466	0.000319	0.000233	0.000114	0.163	0.00000208	0.000619	0.000589	0.00155	0
2073 Dec	0.061	0.0000108	2.66	4.44	0.0485	0.001	5.22	0.00244	0.0466	0.000319	0.000234	0.000114	0.163	0.00000208	0.000623	0.00059	0.00155	0
2074 Jan	0.061	0.0000108	2.67	4.45	0.0485	0.00101	5.22	0.00245	0.0466	0.000319	0.000234	0.000114	0.164	0.00000208	0.000625	0.00059	0.00155	0
2074 Feb	0.061	0.0000108	2.67	4.45	0.0485	0.00101	5.22	0.00245	0.0466	0.000319	0.000234	0.000114	0.164	0.00000208	0.000625	0.00059	0.00155	0
2074 Mar	0.061	0.0000108	2.67	4.45	0.0485	0.00101	5.23	0.00245	0.0466	0.000319	0.000235	0.000114	0.164	0.00000208	0.000626	0.00059	0.00155	0
2074 Apr	0.0613	0.0000108	2.69	4.48	0.0488	0.00101	5.25	0.00247	0.0468	0.00032	0.000236	0.000115	0.165	0.00000209	0.000629	0.000593	0.00156	0
2074 May	0.066	0.000011	2.91	4.92	0.0564	0.00108	5.56	0.00266	0.047	0.000381	0.000256	0.000126	0.18	0.00000211	0.000692	0.000665	0.00159	0
2074 Jun	0.0691	0.0000103	2.92	5.03	0.0634	0.00103	5.72	0.00265	0.0446	0.00045	0.000264	0.00013	0.184	0.000002	0.00068	0.000738	0.00156	0
2074 Jul	0.071	0.0000107	2.98	5.12	0.0644	0.00105	5.87	0.00271	0.0463	0.000457	0.000273	0.000133	0.188	0.00000208	0.000692	0.000756	0.00163	0
2074 Aug	0.0739	0.0000112	3.12	5.35	0.0669	0.0011	6.11	0.00284	0.0484	0.000473	0.000285	0.000138	0.196	0.00000218	0.000726	0.000784	0.0017	0
2074 Sep	0.0711	0.0000112	3.09	5.27	0.0635	0.00112	5.92	0.00281	0.0479	0.000441	0.000275	0.000136	0.193	0.00000215	0.000731	0.000741	0.00165	0
2074 Oct	0.0688	0.0000111	3.1	5.26	0.0607	0.00116	5.76	0.00282	0.0476	0.000412	0.000269	0.000134	0.192	0.00000213	0.000749	0.000706	0.00161	0
2074 Nov	0.0683	0.0000112	3.19	5.4	0.0608	0.00121	5.73	0.0029	0.0474	0.000407	0.000275	0.000137	0.196	0.00000214	0.000789	0.000701	0.0016	0
2074 Dec	0.0683	0.0000112	3.21	5.43	0.0609	0.00122	5.73	0.00292	0.0474	0.000407	0.000277	0.000137	0.197	0.00000214	0.000798	0.000701	0.0016	0
2075 Jan	0.0683	0.0000112	3.21	5.44	0.0609	0.00123	5.73	0.00293	0.0474	0.000407	0.000277	0.000138	0.198	0.00000214	0.0008	0.000701	0.0016	0
2075 Feb	0.0683	0.0000112	3.22	5.45	0.0609	0.00123	5.73	0.00293	0.0474	0.000407	0.000278	0.000138	0.198	0.00000214	0.000801	0.000701	0.0016	0
2075 Mar	0.0683	0.0000113	3.22	5.45	0.061	0.00123	5.74	0.00294	0.0474	0.000407	0.000278	0.000138	0.198	0.00000214	0.000803	0.000702	0.0016	0
2075 Apr	0.0686	0.0000113	3.24	5.48	0.0613	0.00123	5.76	0.00295	0.0476	0.000409	0.000279	0.000138	0.199	0.00000215	0.000807	0.000705	0.00161	0
2075 May	0.0703	0.0000115	3.36	5.7	0.0636	0.00129	5.86	0.00306	0.0482	0.000424	0.00029	0.000144	0.207	0.00000219	0.000847	0.000727	0.00164	0
2075 Jun	0.0606	0.0000111	3.09	5.1	0.0528	0.00119	5.08	0.00286	0.0447	0.000336	0.000292	0.00013	0.184	0.00000211	0.000802	0.000652	0.00167	0
2075 Jul	0.0588	0.0000112	3.01	4.91	0.0497	0.00115	4.95	0.0028	0.0447	0.000311	0.000296	0.000126	0.178	0.00000213	0.000783	0.000636	0.00173	0
2075 Aug	0.0597	0.0000114	3.06	4.98	0.0501	0.00117	5.04	0.00285	0.0458	0.000313	0.000298	0.000128	0.18	0.00000218	0.000793	0.000638	0.00175	0
2075 Sep	0.0599	0.0000115	3.08	5.01	0.0499	0.00119	5.07	0.00287	0.0463	0.000309	0.000298	0.000128	0.181	0.0000022	0.000799	0.000635	0.00176	0
2075 Oct	0.0591	0.0000115	3.04	4.95	0.0487	0.00119	5.02	0.00283	0.0463	0.000298	0.000291	0.000126	0.179	0.00000219	0.000791	0.000618	0.00173	0
2075 Nov	0.059	0.0000115	3.06	4.98	0.0485	0.0012	5.01	0.00285	0.0464	0.000296	0.000291	0.000127	0.18	0.00000219	0.000799	0.000615	0.00173	0
2075 Dec	0.059	0.0000115	3.07	5	0.0486	0.00121	5.01	0.00286	0.0464	0.000295	0.000292	0.000127	0.181	0.00000219	0.000803	0.000615	0.00173	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.059	0.0000115	3.08	5	0.0486	0.00121	5.01	0.00286	0.0464	0.000295	0.000292	0.000127	0.181	0.00000219	0.000804	0.000615	0.00173	0
2076 Feb	0.059	0.0000115	3.08	5.01	0.0486	0.00121	5.02	0.00286	0.0464	0.000296	0.000292	0.000127	0.181	0.0000022	0.000805	0.000615	0.00173	0
2076 Mar	0.0591	0.0000115	3.08	5.01	0.0486	0.00121	5.02	0.00287	0.0464	0.000296	0.000292	0.000127	0.181	0.0000022	0.000805	0.000616	0.00173	0
2076 Apr	0.0592	0.0000116	3.09	5.02	0.0488	0.00121	5.03	0.00287	0.0466	0.000296	0.000293	0.000128	0.182	0.0000022	0.000808	0.000617	0.00173	0
2076 May	0.0626	0.0000116	3.11	5.12	0.0527	0.00119	5.2	0.00288	0.0474	0.000333	0.000296	0.000131	0.185	0.00000221	0.000795	0.000659	0.00175	0
2076 Jun	0.0664	0.0000107	2.81	4.77	0.058	0.000985	5.28	0.00259	0.0458	0.000404	0.000277	0.000124	0.175	0.00000207	0.000657	0.000722	0.00169	0
2076 Jul	0.0667	0.0000109	2.81	4.75	0.0575	0.000983	5.34	0.0026	0.0466	0.0004	0.000281	0.000124	0.174	0.00000211	0.000655	0.000723	0.00174	0
2076 Aug	0.0688	0.0000114	2.91	4.91	0.059	0.00102	5.52	0.00269	0.0484	0.000409	0.000289	0.000128	0.18	0.0000022	0.000678	0.000741	0.0018	0
2076 Sep	0.0691	0.0000115	2.94	4.96	0.059	0.00104	5.55	0.00272	0.0489	0.000406	0.000289	0.000129	0.182	0.00000222	0.000688	0.000739	0.0018	0
2076 Oct	0.0666	0.0000113	2.88	4.84	0.0558	0.00104	5.38	0.00266	0.0483	0.000379	0.000277	0.000125	0.177	0.00000218	0.00068	0.000699	0.00174	0
2076 Nov	0.066	0.0000113	2.9	4.86	0.0554	0.00106	5.35	0.00267	0.0482	0.000373	0.000276	0.000125	0.178	0.00000217	0.00069	0.000691	0.00173	0
2076 Dec	0.0661	0.0000113	2.91	4.88	0.0554	0.00106	5.35	0.00268	0.0482	0.000373	0.000277	0.000126	0.178	0.00000217	0.000694	0.000691	0.00173	0
2077 Jan	0.0661	0.0000113	2.91	4.88	0.0554	0.00107	5.35	0.00269	0.0482	0.000373	0.000277	0.000126	0.178	0.00000217	0.000695	0.000691	0.00173	0
2077 Feb	0.0661	0.0000113	2.91	4.88	0.0554	0.00107	5.35	0.00269	0.0482	0.000373	0.000277	0.000126	0.179	0.00000217	0.000695	0.000691	0.00173	0
2077 Mar	0.0661	0.0000113	2.91	4.89	0.0555	0.00107	5.35	0.00269	0.0482	0.000373	0.000277	0.000126	0.179	0.00000218	0.000696	0.000691	0.00173	0
2077 Apr	0.0663	0.0000114	2.92	4.9	0.0556	0.00107	5.37	0.0027	0.0484	0.000374	0.000278	0.000126	0.179	0.00000218	0.000698	0.000694	0.00173	0
2077 May	0.0685	0.0000114	2.96	5	0.0585	0.00107	5.49	0.00273	0.0488	0.000399	0.000282	0.000129	0.183	0.00000219	0.0007	0.000722	0.00174	0
2077 Jun	0.0691	0.0000107	2.78	4.77	0.061	0.000948	5.44	0.00255	0.0464	0.000435	0.000273	0.000124	0.175	0.00000206	0.000628	0.000752	0.00169	0
2077 Jul	0.0705	0.0000111	2.82	4.82	0.0613	0.000957	5.52	0.00259	0.048	0.000436	0.000282	0.000126	0.177	0.00000214	0.000634	0.000767	0.00177	0
2077 Aug	0.0726	0.0000115	2.91	4.98	0.0628	0.000993	5.69	0.00268	0.0498	0.000446	0.00029	0.00013	0.183	0.00000222	0.000655	0.000784	0.00182	0
2077 Sep	0.0679	0.0000112	2.79	4.73	0.0572	0.000983	5.4	0.00256	0.0484	0.000396	0.000267	0.000123	0.174	0.00000215	0.000631	0.00071	0.00172	0
2077 Oct	0.0666	0.0000111	2.79	4.72	0.0555	0.00101	5.33	0.00256	0.0484	0.000379	0.000262	0.000122	0.173	0.00000214	0.000641	0.000687	0.00169	0
2077 Nov	0.0666	0.0000112	2.82	4.76	0.0557	0.00102	5.33	0.00259	0.0484	0.000379	0.000264	0.000123	0.175	0.00000215	0.000652	0.000688	0.00169	0
2077 Dec	0.0667	0.0000112	2.82	4.77	0.0557	0.00102	5.33	0.0026	0.0484	0.000379	0.000264	0.000123	0.175	0.00000215	0.000655	0.000688	0.00169	0
2078 Jan	0.0667	0.0000112	2.83	4.78	0.0557	0.00103	5.33	0.0026	0.0484	0.000379	0.000264	0.000123	0.175	0.00000215	0.000655	0.000688	0.00169	0
2078 Feb	0.0667	0.0000112	2.83	4.78	0.0557	0.00103	5.33	0.0026	0.0484	0.000379	0.000264	0.000123	0.175	0.00000215	0.000656	0.000689	0.00169	0
2078 Mar	0.0667	0.0000112	2.83	4.78	0.0557	0.00103	5.33	0.0026	0.0484	0.000379	0.000265	0.000123	0.175	0.00000215	0.000656	0.000689	0.00169	0
2078 Apr	0.0671	0.0000113	2.85	4.81	0.0561	0.00103	5.36	0.00262	0.0487	0.000381	0.000266	0.000124	0.176	0.00000216	0.00066	0.000693	0.0017	0
2078 May	0.0721	0.0000112	2.95	5.08	0.0636	0.00104	5.67	0.00269	0.0487	0.000449	0.000275	0.000131	0.186	0.00000214	0.000672	0.000764	0.0017	0
2078 Jun	0.0737	0.0000105	2.82	4.93	0.0673	0.000932	5.78	0.00255	0.0466	0.000494	0.000267	0.000129	0.182	0.00000203	0.000612	0.000801	0.00164	0
2078 Jul	0.0762	0.0000109	2.9	5.07	0.069	0.00096	5.97	0.00264	0.0485	0.000506	0.000276	0.000133	0.187	0.00000212	0.00063	0.000824	0.00171	0
2078 Aug	0.0765	0.0000111	2.92	5.09	0.0683	0.000971	6	0.00266	0.0493	0.0005	0.000276	0.000133	0.188	0.00000216	0.000634	0.000813	0.00173	0
2078 Sep	0.0758	0.0000113	2.95	5.12	0.0673	0.000996	5.98	0.00268	0.0495	0.000488	0.000274	0.000134	0.189	0.00000218	0.000646	0.000798	0.00172	0
2078 Oct	0.0741	0.0000112	2.98	5.14	0.0656	0.00103	5.86	0.00271	0.0492	0.000469	0.000272	0.000133	0.189	0.00000217	0.000669	0.000774	0.00169	0
2078 Nov	0.0738	0.0000113	3	5.18	0.0653	0.00105	5.84	0.00274	0.0492	0.000464	0.000273	0.000134	0.19	0.00000217	0.000682	0.00077	0.00169	0
2078 Dec	0.0738	0.0000113	3.01	5.19	0.0654	0.00106	5.84	0.00274	0.0492	0.000464	0.000274	0.000134	0.191	0.00000217	0.000685	0.00077	0.00169	0
2079 Jan	0.0738	0.0000113	3.02	5.2	0.0654	0.00106	5.84	0.00275	0.0492	0.000464	0.000274	0.000134	0.191	0.00000217	0.000687	0.00077	0.00169	0
2079 Feb	0.0738	0.0000113	3.02	5.2	0.0654	0.00106	5.84	0.00275	0.0491	0.000464	0.000274	0.000135	0.191	0.00000217	0.000688	0.00077	0.00169	0
2079 Mar	0.0738	0.0000113	3.02	5.21	0.0655	0.00106	5.85	0.00275	0.0492	0.000465	0.000274	0.000135	0.191	0.00000217	0.000688	0.00077	0.00169	0
2079 Apr	0.074	0.0000113	3.03	5.23	0.0657	0.00106	5.87	0.00276	0.0493	0.000466	0.000275	0.000135	0.192	0.00000218	0.000691	0.000773	0.00169	0
2079 May	0.0753	0.0000115	3.07	5.3	0.0669	0.00108	5.95	0.00279	0.05	0.000475	0.000279	0.000137	0.195	0.00000221	0.000698	0.000787	0.00172	0
2079 Jun	0.0668	0.0000107	2.75	4.68	0.0582	0.000946	5.25	0.00253	0.0458	0.00041	0.000273	0.000122	0.172	0.00000206	0.000629	0.000725	0.00169	0
2079 Jul	0.0647	0.0000107	2.65	4.46	0.0547	0.000904	5.1	0.00245	0.0457	0.000383	0.000271	0.000117	0.164	0.00000207	0.000602	0.0007	0.00172	0
2079 Aug	0.0662	0.000011	2.72	4.56	0.0554	0.000932	5.22	0.00252	0.0471	0.000387	0.000276	0.00012	0.168	0.00000214	0.000619	0.000707	0.00176	0
2079 Sep	0.0641	0.0000109	2.67	4.47	0.0526	0.000942	5.1	0.00248	0.0469	0.000361	0.000264	0.000117	0.165	0.00000212	0.000614	0.000669	0.00171	0
2079 Oct	0.0625	0.0000109	2.65	4.42	0.0504	0.000955	5	0.00245	0.0467	0.000341	0.000255	0.000115	0.162	0.0000021	0.000613	0.000641	0.00167	0
2079 Nov	0.0618	0.0000108	2.65	4.41	0.0495	0.000966	4.96	0.00245	0.0467	0.000331	0.000252	0.000114	0.162	0.00000209	0.000617	0.000627	0.00165	0
2079 Dec	0.0612	0.0000108	2.65	4.41	0.0487	0.000977	4.94	0.00245	0.0467	0.000323	0.00025	0.000114	0.162	0.00000209	0.000621	0.000617	0.00163	0
2080 Jan	0.0612	0.0000108	2.65	4.41	0.0487	0.000979	4.94	0.00245	0.0467	0.000323	0.00025	0.000114	0.162	0.00000209	0.000623	0.000617	0.00163	0
2080 Feb	0.0612	0.0000108	2.65	4.41	0.0487	0.00098	4.94	0.00245	0.0467	0.000323	0.00025	0.000114	0.162	0.00000209	0.000623	0.000617	0.00163	0
2080 Mar	0.0612	0.0000108	2.65	4.42	0.0487	0.00098	4.94	0.00245	0.0467	0.000323	0.00025	0.000114	0.162	0.00000209	0.000624	0.000617	0.00163	0
2080 Apr	0.0613	0.0000109	2.66	4.43	0.0489	0.000983	4.95	0.00246	0.0468	0.000324	0.000251	0.000114	0.162	0.00000209	0.000625	0.000619	0.00163	0
2080 May	0.0622	0.000011	2.7	4.49	0.0496	0.000996	5.02	0.00249	0.0475	0.000329	0.000254	0.000116	0.165	0.00000212	0.000634	0.000628	0.00166	0
2080 Jun	0.0568	0.0000107	2.48	4.05	0.0435	0.000903	4.59	0.00232	0.0453	0.000282	0.000254	0.000106	0.149	0.00000207	0.000584	0.000592	0.00169	0
2080 Jul	0.055	0.0000106	2.39	3.86	0.0405	0.000862	4.46	0.00225	0.045	0.00026	0.000253	0.000102	0.142	0.00000207	0.000561	0.00057	0.00171	0
2080 Aug	0.0555	0.0000109	2.41	3.88	0.0403	0.000873	4.51	0.00227	0.0458	0.000258	0.000253	0.000103	0.143	0.00000211	0.000564	0.000563	0.00173	0
2080 Sep	0.0543	0.0000108	2.39	3.83	0.0388	0.000879	4.46	0.00225	0.0456	0.000243	0.000243	0.000101	0.141	0.0000021	0.000558	0.000537	0.00169	0
2080 Oct	0.0536	0.0000108	2.39	3.83	0.0378	0.000897	4.42	0.00225	0.0456	0.000233	0.000238	0.0001	0.141	0.00000209	0.000564	0.000522	0.00165	0
2080 Nov	0.0531	0.0000107	2.39	3.83	0.0371	0.000908	4.39	0.00224	0.0456	0.000226	0.000234	0.0000999	0.141	0.00000208	0.000567	0.000511	0.00163	0
2080 Dec	0.0531	0.0000108	2.4	3.85	0.0371	0.000915	4.38	0.00225	0.0456	0.000225	0.000235	0.0001	0.142	0.00000208	0.000571	0.000511	0.00163	0
2081 Jan	0.0531	0.0000108	2.4	3.85	0.0371	0.000916	4.38	0.00226	0.0456	0.000225	0.000235	0.0001	0.142	0.00000208	0.000572	0.000511	0.00163	0
2081 Feb	0.0531	0.0000108	2.4	3.85	0.0371	0.000916	4.38	0.00226	0.0456	0.000225	0.000235	0.0001	0.142	0.00000208	0.000573	0.000511	0.00163	0
2081 Mar	0.0531	0.0000108	2.4	3.86	0.0371	0.000917	4.39	0.00226	0.0456	0.000225	0.000235	0.0001	0.142	0.00000208	0.000573	0.000511	0.00163	0
2081 Apr	0.0533	0.0000108	2.41	3.87	0.0373	0.00092	4.4	0.00227	0.0458	0.000226	0.000236	0.000101	0.142	0.00000209	0.000575	0.000513	0.00164	0
2081 May	0.0594	0.0000108	2.5	4.12	0.0454	0.000907	4.77	0.00232	0.0467	0.000299	0.000243	0.000108	0.152	0.00000209	0.000571	0.000594	0.00166	0
2081 Jun	0.0637	0.0000104	2.48	4.18	0.052	0.000844	5.05	0.00228	0.046	0.000365	0.000244	0.00011	0.155	0.00000203	0.000538	0.000661	0.00164	0
2081 Jul	0.0665	0.0000109	2.59	4.36	0.054	0.000882	5.28	0.00239	0.0482	0.000379	0.000256	0.000115	0.162	0.00000214	0.000562	0.00069	0.00172	0
2081 Aug	0.0693	0.0000115	2.71	4.56	0.0562	0.000926	5.51	0.0025	0.0504	0.000393	0.000267	0.00012	0.169	0.00000224	0.000589	0.000717	0.0018	0
2081 Sep	0.0681	0.0000115	2.7	4.53	0.0546	0.000938	5.45	0.00249	0.0503	0.000377	0.000261	0.000119	0.168	0.00000223	0.000591	0.000693	0.00177	0
2081 Oct	0.0674	0.0000115	2.71	4.55	0.0538	0.000958	5.41	0.0025	0.0503	0.000368	0.000259	0.000119	0.168	0.00000223	0.000601	0.000682	0.00176	0
2081 Nov	0.066	0.0000114	2.7	4.52	0.0523	0.000971	5.31	0.00249	0.0499	0.000354	0.000254	0.000118	0.167	0.00000221	0.000606	0.000661	0.00172	0
2081 Dec	0.0658	0.0000114	2.7	4.52	0.0519	0.000976	5.3	0.00249	0.0499	0.00035	0.000253	0.000117	0.167	0.0000022	0.000608	0.000656	0.00171	0
2082 Jan	0.0658	0.0000114	2.71	4.53	0.052	0.000978	5.29	0.0025	0.0498	0.00035	0.000253	0.000118	0.167	0.0000022	0.00061	0.000656	0.00171	0
2082 Feb	0.0658	0.0000114	2.71	4.53	0.052	0.000979	5.3	0.0025	0.0499	0.00035	0.000254	0.000118	0.167	0.0000022	0.00061	0.000656	0.00171	0
2082 Mar	0.0658	0.0000114	2.71	4.53	0.052	0.00098	5.3	0.0025	0.0499	0.00035	0.000254	0.000118	0.167	0.00000221	0.000611	0.000657	0.00172	0
2082 Apr	0.066	0.0000114	2.72	4.54	0.0521	0.000983	5.31	0.00251	0.05	0.000351	0.000254	0.000118	0.168	0.00000221	0.000613	0.000658	0.00172	0
2082 May	0.0668	0.0000116	2.75	4.6	0.0528	0.000995	5.38	0.00254	0.0506	0.000356	0.000258	0.00012	0.17	0.00000224	0.00062	0.000667	0.00174	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.057	0.000011	2.59	4.21	0.0439	0.000957	4.59	0.00243	0.0458	0.000278	0.000267	0.00011	0.154	0.00000212	0.000626	0.000598	0.00174	0
2082 Jul	0.0528	0.0000107	2.44	3.89	0.039	0.000893	4.32	0.00231	0.0441	0.000241	0.000264	0.000103	0.143	0.00000208	0.000593	0.000562	0.00174	0
2082 Aug	0.0541	0.000011	2.49	3.96	0.0395	0.000915	4.44	0.00236	0.0455	0.000244	0.000268	0.000105	0.146	0.00000214	0.000603	0.000567	0.00178	0
2082 Sep	0.0542	0.0000111	2.49	3.96	0.0391	0.000921	4.46	0.00236	0.0459	0.000239	0.000264	0.000105	0.146	0.00000216	0.0006	0.00056	0.00178	0
2082 Oct	0.0522	0.0000108	2.43	3.87	0.0369	0.000922	4.32	0.0023	0.0452	0.00022	0.00025	0.000101	0.142	0.0000021	0.00059	0.000526	0.0017	0
2082 Nov	0.0522	0.0000109	2.46	3.91	0.037	0.000938	4.32	0.00232	0.0453	0.000219	0.000251	0.000102	0.144	0.0000021	0.000601	0.000525	0.0017	0
2082 Dec	0.0522	0.0000109	2.47	3.92	0.037	0.000942	4.32	0.00233	0.0453	0.000219	0.000252	0.000102	0.144	0.0000021	0.000604	0.000526	0.0017	0
2083 Jan	0.0522	0.0000109	2.47	3.92	0.037	0.000943	4.32	0.00233	0.0453	0.000219	0.000252	0.000102	0.144	0.0000021	0.000605	0.000526	0.0017	0
2083 Feb	0.0522	0.0000109	2.47	3.93	0.037	0.000943	4.33	0.00233	0.0453	0.000219	0.000252	0.000102	0.144	0.0000021	0.000605	0.000526	0.0017	0
2083 Mar	0.0523	0.0000109	2.47	3.93	0.0371	0.000944	4.33	0.00233	0.0453	0.000219	0.000252	0.000103	0.144	0.00000211	0.000606	0.000526	0.0017	0
2083 Apr	0.0524	0.0000109	2.48	3.94	0.0372	0.000948	4.34	0.00234	0.0455	0.00022	0.000253	0.000103	0.145	0.00000211	0.000608	0.000528	0.00171	0
2083 May	0.0574	0.0000111	2.64	4.28	0.0441	0.000985	4.63	0.00247	0.0463	0.000278	0.000265	0.000111	0.157	0.00000213	0.00064	0.000593	0.00173	0
2083 Jun	0.0632	0.0000104	2.64	4.44	0.0539	0.000918	4.99	0.00244	0.0447	0.000374	0.000265	0.000116	0.163	0.00000202	0.000609	0.000685	0.00167	0
2083 Jul	0.0635	0.0000107	2.65	4.44	0.0533	0.000919	5.02	0.00245	0.0455	0.000369	0.000269	0.000117	0.163	0.00000207	0.00061	0.000683	0.00171	0
2083 Aug	0.0634	0.0000109	2.65	4.43	0.052	0.000928	5	0.00246	0.0461	0.000358	0.000265	0.000116	0.163	0.0000021	0.000612	0.00066	0.0017	0
2083 Sep	0.0619	0.0000108	2.63	4.38	0.0498	0.000944	4.92	0.00244	0.0461	0.000337	0.000256	0.000114	0.161	0.00000209	0.000613	0.000631	0.00166	0
2083 Oct	0.0589	0.0000106	2.57	4.25	0.046	0.000956	4.78	0.00238	0.0456	0.000302	0.000239	0.00011	0.156	0.00000204	0.000606	0.000581	0.00158	0
2083 Nov	0.0581	0.0000105	2.57	4.25	0.0451	0.00097	4.75	0.00238	0.0454	0.000293	0.000237	0.000109	0.156	0.00000204	0.000612	0.000569	0.00156	0
2083 Dec	0.0581	0.0000106	2.58	4.26	0.0451	0.000975	4.75	0.00239	0.0454	0.000293	0.000237	0.000109	0.156	0.00000204	0.000616	0.000569	0.00156	0
2084 Jan	0.0581	0.0000106	2.58	4.26	0.0451	0.000976	4.75	0.00239	0.0454	0.000293	0.000237	0.000109	0.156	0.00000204	0.000617	0.000569	0.00156	0
2084 Feb	0.0581	0.0000106	2.59	4.26	0.0452	0.000976	4.75	0.00239	0.0454	0.000293	0.000238	0.00011	0.157	0.00000204	0.000617	0.000569	0.00156	0
2084 Mar	0.0581	0.0000106	2.59	4.27	0.0452	0.000977	4.76	0.00239	0.0454	0.000293	0.000238	0.00011	0.157	0.00000204	0.000618	0.000569	0.00156	0
2084 Apr	0.0584	0.0000106	2.6	4.29	0.0454	0.000982	4.78	0.00241	0.0457	0.000294	0.000239	0.00011	0.158	0.00000205	0.000621	0.000572	0.00157	0
2084 May	0.0643	0.0000107	2.71	4.56	0.0531	0.000982	5.12	0.00249	0.0467	0.000363	0.000249	0.000118	0.168	0.00000207	0.000627	0.000651	0.0016	0
2084 Jun	0.0671	0.0000101	2.61	4.49	0.0585	0.000884	5.31	0.00238	0.0449	0.000422	0.000247	0.000117	0.166	0.00000197	0.000573	0.000709	0.00157	0
2084 Jul	0.0684	0.0000104	2.65	4.55	0.0589	0.000897	5.41	0.00242	0.0462	0.000425	0.000253	0.000119	0.168	0.00000203	0.000581	0.000719	0.00162	0
2084 Aug	0.0696	0.0000107	2.71	4.64	0.0595	0.00092	5.52	0.00248	0.0474	0.000427	0.000256	0.000122	0.172	0.00000209	0.000593	0.000724	0.00166	0
2084 Sep	0.0681	0.0000107	2.69	4.59	0.0576	0.000929	5.43	0.00246	0.0472	0.000409	0.00025	0.00012	0.17	0.00000209	0.000593	0.000698	0.00163	0
2084 Oct	0.0659	0.0000106	2.67	4.53	0.0548	0.00095	5.28	0.00244	0.0469	0.000382	0.000242	0.000117	0.167	0.00000206	0.000598	0.000663	0.00158	0
2084 Nov	0.0652	0.0000106	2.68	4.54	0.054	0.000966	5.24	0.00245	0.0469	0.000373	0.00024	0.000117	0.167	0.00000206	0.000607	0.000652	0.00157	0
2084 Dec	0.0652	0.0000106	2.68	4.55	0.0541	0.00097	5.24	0.00245	0.0469	0.000373	0.000241	0.000117	0.168	0.00000206	0.00061	0.000652	0.00157	0
2085 Jan	0.0652	0.0000106	2.69	4.56	0.0541	0.000972	5.24	0.00246	0.0468	0.000373	0.000241	0.000118	0.168	0.00000206	0.000611	0.000652	0.00157	0
2085 Feb	0.0652	0.0000106	2.69	4.56	0.0541	0.000973	5.24	0.00246	0.0469	0.000373	0.000241	0.000118	0.168	0.00000206	0.000612	0.000653	0.00157	0
2085 Mar	0.0652	0.0000107	2.69	4.56	0.0541	0.000973	5.24	0.00246	0.0469	0.000373	0.000241	0.000118	0.168	0.00000206	0.000612	0.000653	0.00157	0
2085 Apr	0.0654	0.0000107	2.7	4.57	0.0543	0.000976	5.25	0.00247	0.047	0.000374	0.000242	0.000118	0.169	0.00000207	0.000614	0.000655	0.00157	0
2085 May	0.0698	0.0000108	2.77	4.78	0.06	0.000974	5.47	0.00253	0.0478	0.000425	0.00025	0.000123	0.176	0.00000208	0.000617	0.000714	0.0016	0
2085 Jun	0.0729	0.0000106	2.78	4.85	0.0646	0.000937	5.63	0.00252	0.0476	0.00047	0.000255	0.000126	0.179	0.00000205	0.0006	0.000766	0.00162	0
2085 Jul	0.0749	0.000011	2.86	4.97	0.0658	0.000965	5.78	0.0026	0.0493	0.000479	0.000263	0.000129	0.184	0.00000213	0.000619	0.000781	0.00167	0
2085 Aug	0.074	0.0000111	2.86	4.96	0.0642	0.000979	5.72	0.0026	0.0494	0.000464	0.00026	0.000129	0.183	0.00000215	0.000625	0.000758	0.00167	0
2085 Sep	0.0706	0.0000111	2.86	4.92	0.0605	0.00102	5.51	0.00261	0.0486	0.000426	0.000252	0.000127	0.181	0.00000212	0.000645	0.000708	0.00161	0
2085 Oct	0.0682	0.000011	2.88	4.91	0.0579	0.00106	5.37	0.00262	0.0481	0.000399	0.000248	0.000126	0.18	0.0000021	0.000666	0.000675	0.00157	0
2085 Nov	0.0668	0.000011	2.9	4.93	0.0566	0.00108	5.31	0.00264	0.0477	0.000384	0.000246	0.000125	0.18	0.00000209	0.000683	0.000656	0.00154	0
2085 Dec	0.0668	0.000011	2.91	4.94	0.0566	0.00109	5.31	0.00265	0.0477	0.000384	0.000247	0.000126	0.181	0.00000209	0.000687	0.000657	0.00154	0
2086 Jan	0.0668	0.000011	2.91	4.94	0.0566	0.00109	5.31	0.00265	0.0477	0.000384	0.000247	0.000126	0.181	0.00000209	0.000688	0.000657	0.00154	0
2086 Feb	0.0668	0.000011	2.91	4.95	0.0566	0.00109	5.31	0.00265	0.0477	0.000384	0.000247	0.000126	0.181	0.00000209	0.000688	0.000657	0.00154	0
2086 Mar	0.0668	0.000011	2.91	4.95	0.0567	0.00109	5.32	0.00265	0.0477	0.000384	0.000247	0.000126	0.181	0.00000209	0.000689	0.000657	0.00154	0
2086 Apr	0.0671	0.000011	2.92	4.97	0.0569	0.0011	5.34	0.00266	0.0479	0.000385	0.000248	0.000126	0.182	0.0000021	0.000691	0.000659	0.00155	0
2086 May	0.0691	0.0000112	2.98	5.09	0.0593	0.00111	5.46	0.00272	0.0486	0.000405	0.000254	0.00013	0.186	0.00000213	0.000703	0.000685	0.00158	0
2086 Jun	0.0677	0.0000106	2.84	4.86	0.0598	0.00101	5.34	0.00259	0.0458	0.000419	0.000261	0.000125	0.178	0.00000203	0.00066	0.000711	0.00159	0
2086 Jul	0.0673	0.0000108	2.83	4.8	0.0582	0.001	5.35	0.0026	0.0466	0.000406	0.000266	0.000125	0.176	0.00000209	0.000656	0.000707	0.00165	0
2086 Aug	0.0675	0.0000111	2.87	4.85	0.0576	0.00103	5.37	0.00264	0.0473	0.000398	0.000267	0.000126	0.178	0.00000213	0.00067	0.000695	0.00167	0
2086 Sep	0.0649	0.000011	2.84	4.77	0.0546	0.00104	5.22	0.00261	0.0468	0.000369	0.000257	0.000124	0.175	0.00000212	0.000671	0.000652	0.00162	0
2086 Oct	0.0642	0.000011	2.87	4.8	0.0537	0.00107	5.17	0.00263	0.0468	0.000359	0.000256	0.000124	0.176	0.00000212	0.000685	0.00064	0.0016	0
2086 Nov	0.0643	0.0000111	2.88	4.83	0.0539	0.00108	5.18	0.00265	0.0469	0.000359	0.000257	0.000124	0.177	0.00000212	0.000691	0.000641	0.00161	0
2086 Dec	0.0643	0.0000111	2.89	4.84	0.0539	0.00108	5.18	0.00265	0.0469	0.000359	0.000258	0.000125	0.177	0.00000212	0.000694	0.000642	0.00161	0
2087 Jan	0.0643	0.0000111	2.89	4.84	0.0539	0.00108	5.18	0.00266	0.0469	0.000359	0.000258	0.000125	0.177	0.00000212	0.000695	0.000642	0.00161	0
2087 Feb	0.0643	0.0000111	2.89	4.84	0.0539	0.00108	5.18	0.00266	0.0469	0.000359	0.000258	0.000125	0.177	0.00000212	0.000695	0.000642	0.00161	0
2087 Mar	0.0644	0.0000111	2.9	4.85	0.054	0.00108	5.19	0.00266	0.047	0.00036	0.000258	0.000125	0.178	0.00000213	0.000696	0.000642	0.00161	0
2087 Apr	0.0645	0.0000111	2.9	4.86	0.0541	0.00109	5.2	0.00266	0.0471	0.00036	0.000259	0.000125	0.178	0.00000213	0.000697	0.000644	0.00161	0
2087 May	0.0667	0.0000111	2.94	4.96	0.0571	0.00108	5.33	0.00269	0.0474	0.000387	0.000263	0.000128	0.182	0.00000213	0.000699	0.000674	0.00162	0
2087 Jun	0.0699	0.0000107	2.88	4.94	0.0622	0.001	5.49	0.00262	0.0465	0.000442	0.000265	0.000128	0.182	0.00000207	0.000657	0.000736	0.00162	0
2087 Jul	0.0708	0.000011	2.89	4.95	0.062	0.00101	5.53	0.00264	0.0476	0.00044	0.000268	0.000129	0.182	0.00000212	0.000659	0.000737	0.00166	0
2087 Aug	0.0726	0.0000114	2.98	5.09	0.0633	0.00104	5.68	0.00272	0.0491	0.000448	0.000275	0.000133	0.187	0.00000219	0.000679	0.00075	0.00171	0
2087 Sep	0.0728	0.0000116	3.02	5.15	0.063	0.00107	5.71	0.00276	0.0498	0.000443	0.000276	0.000134	0.189	0.00000222	0.000693	0.000746	0.00172	0
2087 Oct	0.0716	0.0000115	3.02	5.13	0.0615	0.00108	5.63	0.00276	0.0497	0.000428	0.000272	0.000133	0.188	0.00000221	0.0007	0.000727	0.0017	0
2087 Nov	0.0711	0.0000115	3.02	5.13	0.0609	0.00109	5.59	0.00276	0.0496	0.000422	0.00027	0.000132	0.188	0.00000221	0.000703	0.000719	0.00169	0
2087 Dec	0.0711	0.0000115	3.03	5.15	0.061	0.0011	5.59	0.00277	0.0496	0.000422	0.000271	0.000133	0.189	0.00000221	0.000707	0.00072	0.00169	0
2088 Jan	0.0711	0.0000115	3.03	5.15	0.061	0.0011	5.59	0.00277	0.0496	0.000422	0.000271	0.000133	0.189	0.00000221	0.000709	0.00072	0.00169	0
2088 Feb	0.0711	0.0000115	3.03	5.15	0.061	0.0011	5.59	0.00277	0.0496	0.000422	0.000271	0.000133	0.189	0.00000221	0.000709	0.00072	0.00169	0
2088 Mar	0.0712	0.0000115	3.03	5.16	0.0611	0.0011	5.6	0.00277	0.0496	0.000422	0.000272	0.000133	0.189	0.00000221	0.00071	0.000721	0.00169	0
2088 Apr	0.0717	0.0000116	3.06	5.2	0.0616	0.00111	5.64	0.0028	0.05	0.000425	0.000274	0.000134	0.191	0.00000223	0.000715	0.000726	0.0017	0
2088 May	0.0732	0.0000118	3.11	5.29	0.0629	0.00113	5.75	0.00284	0.0509	0.000434	0.000278	0.000136	0.194	0.00000226	0.000726	0.000742	0.00173	0
2088 Jun	0.0667	0.0000114	2.87	4.82	0.0558	0.00103	5.13	0.00266	0.0485	0.000378	0.000279	0.000125	0.177	0.00000219	0.000676	0.000698	0.00176	0
2088 Jul	0.0671	0.0000117	2.9	4.83	0.0551	0.00104	5.14	0.00269	0.0497	0.000371	0.000289	0.000126	0.177	0.00000225	0.000683	0.000705	0.00183	0
2088 Aug	0.0702	0.0000124	3.04	5.07	0.0575	0.00109	5.39	0.00283	0.0521	0.000386	0.000302	0.000132	0.186	0.00000237	0.000719	0.000734	0.00192	0
2088 Sep	0.0704	0.0000125	3.09	5.13	0.0575	0.00112	5.42	0.00287	0.0527	0.000383	0.000304	0.000133	0.188	0.00000239	0.000733	0.000733	0.00193	0
2088 Oct	0.0667	0.0000121	2.98	4.94	0.0533	0.00111	5.18	0.00277	0.0514	0.000346	0.000284	0.000127	0.181	0.00000231	0.000716	0.000677	0.00182	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.066	0.0000121	2.98	4.94	0.0525	0.00112	5.14	0.00277	0.0512	0.000339	0.000282	0.000127	0.18	0.0000023	0.000721	0.000666	0.0018	0
2088 Dec	0.066	0.0000121	2.99	4.95	0.0525	0.00113	5.14	0.00277	0.0512	0.000339	0.000282	0.000127	0.181	0.0000023	0.000724	0.000666	0.0018	0
2089 Jan	0.066	0.0000121	2.99	4.95	0.0525	0.00113	5.14	0.00277	0.0512	0.000339	0.000282	0.000127	0.181	0.0000023	0.000724	0.000666	0.0018	0
2089 Feb	0.066	0.0000121	2.99	4.96	0.0526	0.00113	5.14	0.00278	0.0512	0.000339	0.000282	0.000127	0.181	0.0000023	0.000724	0.000666	0.00181	0
2089 Mar	0.0661	0.0000121	3	4.96	0.0526	0.00113	5.15	0.00278	0.0513	0.000339	0.000283	0.000127	0.181	0.00000231	0.000725	0.000667	0.00181	0
2089 Apr	0.0664	0.0000122	3.01	4.99	0.0529	0.00114	5.17	0.00279	0.0515	0.000341	0.000284	0.000128	0.182	0.00000232	0.000729	0.00067	0.00182	0
2089 May	0.0696	0.0000121	3.03	5.09	0.0571	0.00112	5.35	0.0028	0.0519	0.00038	0.000286	0.000131	0.186	0.00000231	0.000719	0.000713	0.00182	0
2089 Jun	0.0738	0.0000116	2.94	5.04	0.0634	0.00102	5.58	0.0027	0.0509	0.000448	0.000282	0.000131	0.186	0.00000223	0.000658	0.000779	0.00179	0
2089 Jul	0.0748	0.0000119	2.98	5.11	0.0634	0.00103	5.64	0.00274	0.0521	0.000448	0.000287	0.000133	0.188	0.00000229	0.000669	0.000781	0.00183	0
2089 Aug	0.076	0.0000123	3.07	5.24	0.064	0.00107	5.73	0.00283	0.0533	0.000449	0.000293	0.000136	0.192	0.00000235	0.000696	0.000783	0.00187	0
2089 Sep	0.0751	0.0000123	3.11	5.28	0.0629	0.00111	5.69	0.00286	0.0534	0.000436	0.000291	0.000136	0.194	0.00000236	0.000715	0.000767	0.00185	0
2089 Oct	0.0705	0.000012	3.06	5.18	0.0581	0.00114	5.39	0.00282	0.0519	0.00039	0.000277	0.000132	0.189	0.00000228	0.000728	0.000704	0.00175	0
2089 Nov	0.0702	0.000012	3.08	5.2	0.0578	0.00116	5.37	0.00284	0.0519	0.000386	0.000277	0.000132	0.19	0.00000228	0.000737	0.000699	0.00174	0
2089 Dec	0.0702	0.0000121	3.09	5.21	0.0579	0.00116	5.37	0.00284	0.0519	0.000386	0.000278	0.000132	0.19	0.00000228	0.00074	0.000699	0.00174	0
2090 Jan	0.0702	0.0000121	3.09	5.22	0.0579	0.00116	5.38	0.00284	0.0519	0.000386	0.000278	0.000132	0.19	0.00000229	0.000741	0.000699	0.00174	0
2090 Feb	0.0702	0.0000121	3.09	5.22	0.0579	0.00116	5.38	0.00285	0.0519	0.000386	0.000278	0.000132	0.19	0.00000229	0.000741	0.000699	0.00174	0
2090 Mar	0.0703	0.0000121	3.1	5.22	0.058	0.00116	5.38	0.00285	0.052	0.000386	0.000278	0.000133	0.191	0.00000229	0.000742	0.0007	0.00175	0
2090 Apr	0.0705	0.0000121	3.11	5.24	0.0581	0.00117	5.4	0.00286	0.0521	0.000387	0.000279	0.000133	0.191	0.00000229	0.000744	0.000702	0.00175	0
2090 May	0.0716	0.0000122	3.17	5.36	0.0595	0.00119	5.47	0.00292	0.0526	0.000397	0.000285	0.000136	0.195	0.00000232	0.000763	0.000716	0.00177	0
2090 Jun	0.0696	0.0000115	3.24	5.47	0.0623	0.0012	5.38	0.00297	0.048	0.000421	0.000299	0.000139	0.199	0.00000218	0.000808	0.000741	0.00172	0
2090 Jul	0.0698	0.0000117	3.21	5.41	0.0613	0.00119	5.39	0.00296	0.0489	0.000413	0.000303	0.000138	0.197	0.00000223	0.000796	0.000742	0.00177	0
2090 Aug	0.0656	0.0000115	3.09	5.16	0.0562	0.00116	5.16	0.00285	0.0474	0.00037	0.000282	0.000132	0.188	0.00000219	0.000769	0.000668	0.00169	0
2090 Sep	0.0627	0.0000114	3.06	5.06	0.0528	0.00118	5.05	0.00282	0.0467	0.000339	0.000271	0.000129	0.184	0.00000216	0.00077	0.000623	0.00162	0
2090 Oct	0.0592	0.0000111	2.95	4.85	0.0483	0.00117	4.91	0.00271	0.0459	0.0003	0.000252	0.000123	0.177	0.0000021	0.00075	0.000569	0.00154	0
2090 Nov	0.058	0.0000109	2.91	4.77	0.0468	0.00116	4.86	0.00267	0.0455	0.000287	0.000245	0.00012	0.174	0.00000208	0.00074	0.000551	0.00151	0
2090 Dec	0.058	0.0000109	2.92	4.78	0.0468	0.00117	4.86	0.00268	0.0455	0.000287	0.000246	0.000121	0.174	0.00000208	0.000744	0.000551	0.00151	0
2091 Jan	0.0579	0.0000109	2.92	4.79	0.0468	0.00117	4.86	0.00268	0.0455	0.000287	0.000246	0.000121	0.174	0.00000208	0.000746	0.000551	0.00151	0
2091 Feb	0.0579	0.0000109	2.92	4.79	0.0468	0.00117	4.86	0.00268	0.0455	0.000287	0.000247	0.000121	0.174	0.00000208	0.000746	0.000551	0.00151	0
2091 Mar	0.058	0.000011	2.93	4.8	0.0469	0.00117	4.87	0.00269	0.0455	0.000287	0.000247	0.000121	0.175	0.00000208	0.000747	0.000552	0.00151	0
2091 Apr	0.0584	0.000011	2.94	4.83	0.0472	0.00118	4.9	0.0027	0.0458	0.000289	0.000248	0.000122	0.176	0.0000021	0.000752	0.000555	0.00152	0
2091 May	0.0611	0.0000111	2.98	4.93	0.0503	0.00118	5.06	0.00274	0.0466	0.000317	0.000253	0.000125	0.18	0.00000212	0.000751	0.00059	0.00155	0
2091 Jun	0.0667	0.0000106	2.84	4.83	0.0582	0.00103	5.36	0.00259	0.0458	0.000404	0.000254	0.000125	0.178	0.00000204	0.000664	0.000687	0.00156	0
2091 Jul	0.0691	0.0000111	2.94	4.98	0.0598	0.00106	5.54	0.00268	0.0479	0.000414	0.000266	0.000129	0.183	0.00000214	0.000685	0.000712	0.00165	0
2091 Aug	0.0673	0.0000111	2.91	4.9	0.0573	0.00106	5.43	0.00266	0.0476	0.000392	0.000258	0.000127	0.18	0.00000214	0.00068	0.000676	0.00162	0
2091 Sep	0.0651	0.0000111	2.9	4.86	0.0549	0.00109	5.3	0.00265	0.0471	0.000367	0.000251	0.000126	0.179	0.00000213	0.000688	0.00064	0.00159	0
2091 Oct	0.0628	0.000011	2.88	4.81	0.0523	0.00111	5.16	0.00264	0.0465	0.000341	0.000244	0.000123	0.177	0.0000021	0.000697	0.000607	0.00154	0
2091 Nov	0.0607	0.0000109	2.87	4.77	0.05	0.00113	5.07	0.00262	0.046	0.000319	0.000238	0.000121	0.175	0.00000208	0.000705	0.000579	0.00149	0
2091 Dec	0.0607	0.0000109	2.88	4.78	0.0499	0.00113	5.07	0.00263	0.046	0.000318	0.000239	0.000121	0.175	0.00000208	0.000708	0.000578	0.00149	0
2092 Jan	0.0607	0.0000109	2.89	4.79	0.0499	0.00113	5.07	0.00264	0.046	0.000318	0.000239	0.000122	0.175	0.00000208	0.000711	0.000578	0.00149	0
2092 Feb	0.0607	0.0000109	2.89	4.79	0.05	0.00114	5.07	0.00264	0.046	0.000318	0.000239	0.000122	0.175	0.00000208	0.000712	0.000578	0.00149	0
2092 Mar	0.0608	0.0000109	2.89	4.8	0.0501	0.00114	5.07	0.00264	0.0461	0.000319	0.00024	0.000122	0.176	0.00000208	0.000713	0.000579	0.0015	0
2092 Apr	0.0611	0.000011	2.91	4.82	0.0503	0.00114	5.1	0.00266	0.0463	0.00032	0.000241	0.000123	0.177	0.00000209	0.000717	0.000582	0.0015	0
2092 May	0.064	0.0000111	3	5.02	0.0541	0.00116	5.27	0.00274	0.047	0.000352	0.00025	0.000128	0.184	0.00000212	0.000736	0.000622	0.00153	0
2092 Jun	0.0657	0.0000102	2.83	4.82	0.0591	0.00102	5.3	0.00258	0.0438	0.000412	0.000255	0.000125	0.177	0.00000197	0.000667	0.000691	0.00152	0
2092 Jul	0.0641	0.0000103	2.75	4.64	0.0562	0.000981	5.18	0.00252	0.0439	0.00039	0.000255	0.000121	0.171	0.00000199	0.000644	0.000675	0.00156	0
2092 Aug	0.0659	0.0000107	2.86	4.83	0.0577	0.00103	5.33	0.00262	0.0454	0.000398	0.000264	0.000126	0.178	0.00000207	0.000675	0.000689	0.00161	0
2092 Sep	0.0649	0.0000108	2.93	4.92	0.0568	0.00108	5.28	0.00269	0.0454	0.000384	0.000265	0.000127	0.181	0.00000208	0.000708	0.000672	0.0016	0
2092 Oct	0.0639	0.0000109	3	5.02	0.0559	0.00113	5.2	0.00275	0.0453	0.000371	0.000267	0.000129	0.183	0.00000208	0.000741	0.000657	0.00158	0
2092 Nov	0.0636	0.0000109	3.05	5.09	0.0559	0.00116	5.18	0.00279	0.0453	0.000368	0.00027	0.00013	0.186	0.00000208	0.000762	0.000654	0.00158	0
2092 Dec	0.0637	0.0000109	3.06	5.1	0.056	0.00117	5.18	0.0028	0.0453	0.000368	0.00027	0.00013	0.186	0.00000208	0.000765	0.000655	0.00158	0
2093 Jan	0.0637	0.000011	3.06	5.11	0.056	0.00117	5.18	0.0028	0.0453	0.000368	0.000271	0.000131	0.186	0.00000209	0.000767	0.000655	0.00158	0
2093 Feb	0.0637	0.000011	3.06	5.11	0.056	0.00117	5.18	0.0028	0.0453	0.000368	0.000271	0.000131	0.186	0.00000209	0.000768	0.000655	0.00158	0
2093 Mar	0.0638	0.000011	3.07	5.13	0.0562	0.00117	5.2	0.00281	0.0454	0.000369	0.000272	0.000131	0.187	0.00000209	0.00077	0.000657	0.00159	0
2093 Apr	0.0641	0.000011	3.09	5.15	0.0565	0.00118	5.22	0.00283	0.0456	0.000371	0.000273	0.000132	0.188	0.0000021	0.000774	0.00066	0.00159	0
2093 May	0.0668	0.0000112	3.17	5.33	0.0597	0.0012	5.36	0.0029	0.0464	0.000397	0.000281	0.000136	0.194	0.00000213	0.000792	0.000694	0.00162	0
2093 Jun	0.0695	0.0000108	3.09	5.28	0.0643	0.00112	5.43	0.00282	0.0454	0.000448	0.000283	0.000136	0.193	0.00000205	0.000748	0.00075	0.00162	0
2093 Jul	0.0708	0.0000111	3.14	5.34	0.0646	0.00113	5.53	0.00287	0.0468	0.000449	0.00029	0.000138	0.195	0.00000213	0.000757	0.000759	0.00168	0
2093 Aug	0.0722	0.0000115	3.22	5.47	0.0655	0.00116	5.64	0.00295	0.0481	0.000454	0.000296	0.000141	0.2	0.00000219	0.00078	0.000767	0.00172	0
2093 Sep	0.0714	0.0000116	3.25	5.5	0.0643	0.00119	5.59	0.00297	0.0483	0.00044	0.000294	0.000141	0.201	0.0000022	0.000794	0.000751	0.0017	0
2093 Oct	0.0667	0.0000113	3.17	5.33	0.0588	0.00121	5.28	0.0029	0.0471	0.000389	0.000277	0.000135	0.194	0.00000213	0.000793	0.000683	0.0016	0
2093 Nov	0.065	0.0000112	3.15	5.29	0.0567	0.00123	5.19	0.00288	0.0469	0.000368	0.000271	0.000133	0.192	0.00000211	0.000798	0.000656	0.00157	0
2093 Dec	0.065	0.0000112	3.16	5.3	0.0567	0.00123	5.19	0.00289	0.0469	0.000369	0.000272	0.000133	0.193	0.00000211	0.000802	0.000657	0.00157	0
2094 Jan	0.065	0.0000112	3.17	5.31	0.0568	0.00124	5.19	0.0029	0.0469	0.000368	0.000272	0.000134	0.193	0.00000212	0.000804	0.000657	0.00157	0
2094 Feb	0.065	0.0000112	3.17	5.31	0.0568	0.00124	5.19	0.0029	0.0469	0.000369	0.000272	0.000134	0.193	0.00000212	0.000804	0.000657	0.00157	0
2094 Mar	0.0651	0.0000112	3.17	5.32	0.0568	0.00124	5.2	0.0029	0.0469	0.000369	0.000272	0.000134	0.193	0.00000212	0.000806	0.000658	0.00157	0
2094 Apr	0.0653	0.0000113	3.18	5.34	0.057	0.00124	5.22	0.00291	0.0471	0.00037	0.000273	0.000134	0.194	0.00000213	0.000808	0.00066	0.00158	0
2094 May	0.068	0.0000113	3.24	5.48	0.061	0.00124	5.38	0.00296	0.0473	0.000405	0.00028	0.000138	0.199	0.00000213	0.000816	0.0007	0.00159	0
2094 Jun	0.0725	0.0000112	3.27	5.61	0.0673	0.00121	5.66	0.00297	0.0474	0.000465	0.000289	0.000143	0.204	0.00000212	0.000801	0.000771	0.00163	0
2094 Jul	0.0759	0.0000118	3.43	5.87	0.07	0.00126	5.9	0.00312	0.0499	0.000483	0.000304	0.000149	0.214	0.00000223	0.00084	0.000805	0.00172	0
2094 Aug	0.0796	0.0000125	3.65	6.24	0.0735	0.00135	6.2	0.00332	0.0525	0.000505	0.000322	0.000158	0.227	0.00000236	0.000902	0.000842	0.00181	0
2094 Sep	0.078	0.0000125	3.66	6.23	0.0715	0.00138	6.1	0.00333	0.0524	0.000484	0.000318	0.000157	0.226	0.00000236	0.000914	0.000816	0.00178	0
2094 Oct	0.0741	0.0000123	3.62	6.13	0.0671	0.00141	5.82	0.0033	0.0513	0.000443	0.000308	0.000153	0.222	0.0000023	0.000926	0.000762	0.00171	0
2094 Nov	0.0702	0.000012	3.56	6	0.0627	0.00142	5.55	0.00325	0.0503	0.000402	0.000295	0.000149	0.216	0.00000225	0.000927	0.000708	0.00163	0
2094 Dec	0.07	0.000012	3.57	6.01	0.0625	0.00143	5.53	0.00325	0.0502	0.000399	0.000296	0.000149	0.217	0.00000225	0.000933	0.000705	0.00163	0
2095 Jan	0.07	0.0000121	3.58	6.02	0.0625	0.00144	5.53	0.00326	0.0501	0.000399	0.000296	0.000149	0.217	0.00000225	0.000936	0.000705	0.00163	0
2095 Feb	0.07	0.0000121	3.58	6.03	0.0625	0.00144	5.53	0.00326	0.0502	0.000399	0.000296	0.000149	0.217	0.00000225	0.000937	0.000705	0.00163	0
2095 Mar	0.07	0.0000121	3.58	6.03	0.0626	0.00144	5.54	0.00327	0.0502	0.000399	0.000297	0.000149	0.218	0.00000225	0.000938	0.000706	0.00163	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0703	0.0000121	3.6	6.06	0.0629	0.00144	5.56	0.00328	0.0504	0.000401	0.000298	0.00015	0.218	0.00000226	0.000942	0.000709	0.00164	0
2095 May	0.0734	0.000012	3.56	6.06	0.0666	0.00139	5.7	0.00324	0.0507	0.00044	0.000298	0.000151	0.219	0.00000225	0.000908	0.000751	0.00165	0
2095 Jun	0.0779	0.000012	3.52	6.07	0.0718	0.00132	5.93	0.00319	0.0514	0.000494	0.000301	0.000152	0.22	0.00000225	0.000865	0.000815	0.00169	0
2095 Jul	0.0812	0.0000126	3.66	6.31	0.0743	0.00137	6.17	0.00333	0.0539	0.000511	0.000314	0.000158	0.229	0.00000236	0.000899	0.000844	0.00178	0
2095 Aug	0.0791	0.0000125	3.59	6.16	0.0714	0.00135	6.04	0.00326	0.0534	0.000487	0.000305	0.000155	0.224	0.00000235	0.000881	0.000806	0.00175	0
2095 Sep	0.0774	0.0000125	3.59	6.13	0.0694	0.00137	5.95	0.00326	0.053	0.000467	0.000301	0.000154	0.223	0.00000235	0.000889	0.000778	0.00173	0
2095 Oct	0.0767	0.0000126	3.63	6.18	0.0688	0.0014	5.9	0.0033	0.0529	0.000459	0.000302	0.000155	0.224	0.00000235	0.000909	0.000769	0.00172	0
2095 Nov	0.0748	0.0000125	3.6	6.12	0.0666	0.00141	5.78	0.00328	0.0525	0.000438	0.000296	0.000153	0.222	0.00000233	0.000911	0.000743	0.00168	0
2095 Dec	0.0746	0.0000125	3.62	6.14	0.0664	0.00142	5.76	0.00329	0.0524	0.000435	0.000297	0.000153	0.222	0.00000233	0.000919	0.00074	0.00168	0
2096 Jan	0.0745	0.0000125	3.62	6.16	0.0665	0.00143	5.76	0.0033	0.0524	0.000435	0.000298	0.000153	0.223	0.00000233	0.000922	0.00074	0.00168	0
2096 Feb	0.0746	0.0000125	3.63	6.16	0.0665	0.00143	5.76	0.0033	0.0524	0.000435	0.000298	0.000153	0.223	0.00000233	0.000923	0.00074	0.00168	0
2096 Mar	0.0746	0.0000125	3.63	6.17	0.0666	0.00143	5.77	0.00331	0.0525	0.000436	0.000298	0.000154	0.223	0.00000233	0.000924	0.000741	0.00168	0
2096 Apr	0.0749	0.0000126	3.65	6.2	0.0668	0.00144	5.79	0.00332	0.0527	0.000437	0.000299	0.000154	0.224	0.00000234	0.000928	0.000744	0.00169	0
2096 May	0.0767	0.0000127	3.76	6.41	0.0697	0.00148	5.87	0.00342	0.053	0.000458	0.00031	0.000159	0.231	0.00000236	0.000964	0.000771	0.00171	0
2096 Jun	0.0694	0.0000116	3.46	5.84	0.0641	0.00133	5.33	0.00317	0.0474	0.000423	0.000309	0.000147	0.211	0.00000217	0.000897	0.000739	0.00168	0
2096 Jul	0.0692	0.0000119	3.44	5.76	0.0627	0.00132	5.36	0.00316	0.0482	0.000412	0.000313	0.000146	0.208	0.00000222	0.000888	0.000737	0.00173	0
2096 Aug	0.0717	0.0000124	3.58	5.99	0.0648	0.00137	5.57	0.00329	0.0502	0.000424	0.000324	0.000152	0.217	0.00000232	0.000924	0.00076	0.0018	0
2096 Sep	0.0695	0.0000123	3.51	5.87	0.0618	0.00137	5.43	0.00323	0.0499	0.000398	0.000313	0.000148	0.212	0.0000023	0.000912	0.000723	0.00175	0
2096 Oct	0.065	0.0000119	3.35	5.57	0.0558	0.00135	5.14	0.00308	0.0489	0.000347	0.000288	0.000139	0.201	0.00000222	0.000876	0.000653	0.00165	0
2096 Nov	0.0644	0.0000118	3.33	5.53	0.0548	0.00134	5.1	0.00305	0.0489	0.000339	0.000284	0.000137	0.199	0.00000221	0.00087	0.000641	0.00163	0
2096 Dec	0.0644	0.0000118	3.33	5.54	0.0549	0.00135	5.1	0.00306	0.0489	0.000339	0.000284	0.000138	0.2	0.00000221	0.000872	0.000641	0.00163	0
2097 Jan	0.0644	0.0000118	3.33	5.54	0.0549	0.00135	5.1	0.00306	0.0489	0.000339	0.000284	0.000138	0.2	0.00000221	0.000873	0.000641	0.00163	0
2097 Feb	0.0644	0.0000118	3.33	5.54	0.0549	0.00135	5.1	0.00306	0.0489	0.000339	0.000284	0.000138	0.2	0.00000221	0.000874	0.000641	0.00163	0
2097 Mar	0.0645	0.0000118	3.34	5.55	0.0549	0.00135	5.1	0.00306	0.049	0.000339	0.000285	0.000138	0.2	0.00000221	0.000874	0.000642	0.00163	0
2097 Apr	0.0648	0.0000119	3.35	5.57	0.0552	0.00136	5.13	0.00308	0.0492	0.000341	0.000286	0.000138	0.201	0.00000223	0.000879	0.000645	0.00164	0
2097 May	0.0674	0.000012	3.38	5.66	0.058	0.00135	5.28	0.0031	0.0501	0.000367	0.00029	0.000141	0.204	0.00000225	0.000873	0.000677	0.00167	0
2097 Jun	0.0709	0.0000116	3.24	5.51	0.0629	0.00122	5.46	0.00296	0.0494	0.000423	0.000287	0.000139	0.2	0.00000219	0.000797	0.000738	0.00168	0
2097 Jul	0.0736	0.0000121	3.36	5.69	0.0647	0.00126	5.66	0.00307	0.0516	0.000435	0.000299	0.000144	0.207	0.00000229	0.000825	0.000763	0.00176	0
2097 Aug	0.075	0.0000125	3.43	5.81	0.0655	0.00129	5.77	0.00314	0.0529	0.000439	0.000304	0.000147	0.211	0.00000235	0.000842	0.00077	0.0018	0
2097 Sep	0.0752	0.0000126	3.46	5.86	0.0655	0.00131	5.81	0.00317	0.0535	0.000437	0.000305	0.000148	0.213	0.00000238	0.000854	0.000769	0.00181	0
2097 Oct	0.0737	0.0000125	3.41	5.77	0.0635	0.00131	5.71	0.00313	0.0531	0.000419	0.000298	0.000145	0.21	0.00000236	0.000844	0.000745	0.00177	0
2097 Nov	0.0726	0.0000124	3.39	5.71	0.0622	0.00131	5.63	0.0031	0.0528	0.000408	0.000293	0.000144	0.208	0.00000234	0.00084	0.000729	0.00175	0
2097 Dec	0.0723	0.0000124	3.38	5.71	0.0618	0.00131	5.61	0.0031	0.0527	0.000405	0.000292	0.000143	0.207	0.00000233	0.000841	0.000725	0.00174	0
2098 Jan	0.0723	0.0000124	3.39	5.71	0.0619	0.00131	5.61	0.0031	0.0527	0.000405	0.000293	0.000144	0.208	0.00000233	0.000843	0.000725	0.00174	0
2098 Feb	0.0723	0.0000124	3.39	5.72	0.0619	0.00131	5.61	0.0031	0.0527	0.000405	0.000293	0.000144	0.208	0.00000233	0.000844	0.000725	0.00174	0
2098 Mar	0.0723	0.0000124	3.39	5.72	0.0619	0.00131	5.62	0.00311	0.0527	0.000405	0.000293	0.000144	0.208	0.00000233	0.000845	0.000726	0.00174	0
2098 Apr	0.0728	0.0000124	3.4	5.74	0.0624	0.00132	5.65	0.00311	0.0529	0.000407	0.000294	0.000144	0.209	0.00000234	0.000846	0.000731	0.00175	0
2098 May	0.0772	0.0000122	3.37	5.78	0.0682	0.00125	5.87	0.00307	0.053	0.00046	0.000293	0.000145	0.211	0.00000231	0.000805	0.000792	0.00175	0
2098 Jun	0.0766	0.0000109	2.95	5.18	0.0695	0.001	5.81	0.00268	0.049	0.000501	0.00027	0.000133	0.191	0.0000021	0.000649	0.000816	0.00166	0
2098 Jul	0.0795	0.0000115	3.06	5.34	0.0715	0.00103	6.03	0.00277	0.0513	0.000516	0.000282	0.000138	0.197	0.0000022	0.000669	0.000846	0.00175	0
2098 Aug	0.0784	0.0000116	3.04	5.29	0.0696	0.00104	5.99	0.00276	0.0514	0.000499	0.000276	0.000137	0.195	0.00000222	0.000665	0.000819	0.00174	0
2098 Sep	0.0731	0.0000112	2.92	5.04	0.0633	0.00104	5.65	0.00265	0.0499	0.000443	0.000256	0.00013	0.186	0.00000215	0.00065	0.000741	0.00164	0
2098 Oct	0.0685	0.000011	2.86	4.9	0.058	0.00106	5.4	0.0026	0.0487	0.000394	0.000243	0.000124	0.18	0.0000021	0.000657	0.000677	0.00155	0
2098 Nov	0.0671	0.0000109	2.87	4.89	0.0565	0.00108	5.34	0.00261	0.0483	0.000379	0.00024	0.000124	0.18	0.00000209	0.00067	0.000658	0.00153	0
2098 Dec	0.0671	0.0000109	2.88	4.9	0.0566	0.00109	5.34	0.00262	0.0483	0.000379	0.000241	0.000124	0.18	0.00000209	0.000673	0.000658	0.00153	0
2099 Jan	0.0671	0.0000109	2.88	4.91	0.0566	0.00109	5.34	0.00262	0.0483	0.000379	0.000241	0.000124	0.18	0.00000209	0.000675	0.000658	0.00153	0
2099 Feb	0.0671	0.000011	2.89	4.91	0.0566	0.00109	5.35	0.00262	0.0483	0.000379	0.000241	0.000124	0.18	0.00000209	0.000676	0.000658	0.00153	0
2099 Mar	0.0672	0.000011	2.89	4.92	0.0567	0.00109	5.35	0.00263	0.0484	0.000379	0.000242	0.000124	0.181	0.00000209	0.000677	0.000659	0.00153	0
2099 Apr	0.0682	0.000011	2.92	4.97	0.0578	0.0011	5.42	0.00265	0.0488	0.000384	0.000244	0.000125	0.183	0.00000211	0.00068	0.000671	0.00154	0
2099 May	0.0783	0.0000107	2.92	5.2	0.0714	0.000998	6.02	0.00262	0.0492	0.000476	0.000247	0.000129	0.192	0.00000205	0.000623	0.000808	0.00154	0
2099 Jun	0.0782	0.0000104	2.82	5.04	0.0717	0.00093	6.01	0.00253	0.0482	0.000494	0.000246	0.000126	0.187	0.00000201	0.000585	0.000821	0.00155	0
2099 Jul	0.0805	0.0000109	2.92	5.19	0.0732	0.000963	6.17	0.00262	0.0501	0.000503	0.000256	0.00013	0.193	0.0000021	0.000606	0.000841	0.00162	0
2099 Aug	0.0824	0.0000113	3.02	5.35	0.0744	0.00101	6.34	0.00271	0.0518	0.000509	0.000262	0.000135	0.199	0.00000219	0.000632	0.000852	0.00167	0
2099 Sep	0.0788	0.0000112	2.96	5.22	0.0703	0.00102	6.11	0.00267	0.0509	0.000473	0.000252	0.000131	0.193	0.00000216	0.00063	0.000801	0.00162	0
2099 Oct	0.0755	0.0000111	2.92	5.11	0.0663	0.00103	5.89	0.00263	0.0503	0.000439	0.000243	0.000127	0.189	0.00000212	0.000634	0.000755	0.00157	0
2099 Nov	0.0738	0.000011	2.93	5.11	0.0644	0.00106	5.77	0.00264	0.0498	0.000421	0.000241	0.000127	0.188	0.00000211	0.000651	0.000732	0.00154	0
2099 Dec	0.0738	0.000011	2.94	5.12	0.0645	0.00106	5.77	0.00265	0.0498	0.000421	0.000242	0.000127	0.189	0.00000211	0.000655	0.000733	0.00154	0
2100 Jan	0.0738	0.000011	2.95	5.13	0.0645	0.00107	5.76	0.00266	0.0497	0.000421	0.000242	0.000127	0.189	0.00000211	0.000657	0.000733	0.00154	0
2100 Feb	0.0738	0.000011	2.95	5.14	0.0646	0.00107	5.76	0.00266	0.0497	0.000421	0.000243	0.000127	0.189	0.00000211	0.000658	0.000733	0.00154	0
2100 Mar	0.0738	0.000011	2.95	5.14	0.0646	0.00107	5.77	0.00266	0.0498	0.000422	0.000243	0.000127	0.19	0.00000211	0.000659	0.000733	0.00154	0
2100 Apr	0.0742	0.0000111	2.97	5.17	0.065	0.00108	5.8	0.00268	0.0501	0.000424	0.000244	0.000128	0.191	0.00000212	0.000663	0.000737	0.00155	0
2100 May	0.0782	0.0000111	3.02	5.33	0.0703	0.00106	5.99	0.00272	0.0506	0.000477	0.000253	0.000133	0.197	0.00000213	0.00066	0.000796	0.00158	0
2100 Jun	0.0763	0.0000104	2.81	4.98	0.0699	0.00093	5.86	0.00252	0.0474	0.000497	0.000249	0.000127	0.185	0.000002	0.000592	0.000807	0.00156	0
2100 Jul	0.0757	0.0000105	2.8	4.94	0.0686	0.00093	5.82	0.00253	0.0478	0.000486	0.000253	0.000127	0.183	0.00000203	0.000594	0.000801	0.00159	0
2100 Aug	0.0736	0.0000105	2.76	4.83	0.0656	0.000928	5.69	0.00249	0.0474	0.000461	0.000245	0.000124	0.179	0.00000203	0.000586	0.000761	0.00157	0
2100 Sep	0.072	0.0000106	2.77	4.82	0.0637	0.000951	5.61	0.0025	0.0472	0.000442	0.000242	0.000124	0.179	0.00000204	0.000596	0.000734	0.00155	0
2100 Oct	0.0716	0.0000106	2.8	4.86	0.0633	0.000973	5.59	0.00253	0.0474	0.000436	0.000242	0.000124	0.18	0.00000205	0.00061	0.000728	0.00155	0
2100 Nov	0.0716	0.0000107	2.8	4.87	0.0632	0.000979	5.59	0.00254	0.0474	0.000435	0.000243	0.000125	0.18	0.00000205	0.000613	0.000727	0.00155	0
2100 Dec	0.0716	0.0000107	2.81	4.88	0.0633	0.000982	5.59	0.00254	0.0474	0.000435	0.000243	0.000125	0.181	0.00000205	0.000616	0.000727	0.00155	0
2101 Jan	0.0716	0.0000107	2.82	4.89	0.0633	0.000986	5.59	0.00255	0.0474	0.000435	0.000244	0.000125	0.181	0.00000205	0.000619	0.000728	0.00155	0
2101 Feb	0.0716	0.0000107	2.82	4.9	0.0633	0.000988	5.59	0.00255	0.0474	0.000435	0.000244	0.000125	0.181	0.00000205	0.000621	0.000728	0.00155	0
2101 Mar	0.0716	0.0000107	2.82	4.9	0.0634	0.000989	5.59	0.00255	0.0474	0.000435	0.000244	0.000125	0.181	0.00000206	0.000621	0.000728	0.00155	0
2101 Apr	0.0719	0.0000107	2.83	4.92	0.0636	0.000992	5.61	0.00256	0.0476	0.000436	0.000245	0.000126	0.182	0.00000206	0.000623	0.00073	0.00156	0
2101 May	0.0757	0.0000108	2.89	5.07	0.0685	0.000982	5.82	0.0026	0.0483	0.000483	0.000252	0.00013	0.188	0.00000207	0.000622	0.000784	0.00159	0
2101 Jun	0.0762	0.0000104	2.78	4.92	0.0699	0.000904	5.83	0.0025	0.0471	0.000507	0.000252	0.000128	0.183	0.00000201	0.000579	0.000809	0.00159	0
2101 Jul	0.0791	0.0000109	2.9	5.12	0.0722	0.000944	6.05	0.00262	0.0492	0.000523	0.000265	0.000133	0.19	0.00000211	0.000606	0.00084	0.00167	0
2101 Aug	0.082	0.0000114	3.03	5.33	0.0747	0.000992	6.28	0.00273	0.0513	0.00054	0.000275	0.000139	0.198	0.0000022	0.000636	0.000868	0.00173	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.0796	0.0000114	3.01	5.28	0.0717	0.00101	6.13	0.00272	0.0509	0.000511	0.000269	0.000137	0.196	0.0000022	0.000645	0.000829	0.0017	0
2101 Oct	0.0782	0.0000114	3.03	5.28	0.0701	0.00104	6.04	0.00273	0.0507	0.000495	0.000266	0.000136	0.196	0.00000219	0.000658	0.000809	0.00168	0
2101 Nov	0.0759	0.0000113	3	5.22	0.0674	0.00106	5.89	0.00272	0.0502	0.00047	0.00026	0.000134	0.193	0.00000216	0.000665	0.000776	0.00164	0
2101 Dec	0.0755	0.0000113	3	5.21	0.0669	0.00106	5.86	0.00271	0.0502	0.000465	0.000259	0.000133	0.192	0.00000216	0.000666	0.00077	0.00163	0
2102 Jan	0.0755	0.0000113	3.01	5.22	0.0669	0.00106	5.86	0.00272	0.0501	0.000465	0.00026	0.000133	0.193	0.00000216	0.000668	0.00077	0.00163	0
2102 Feb	0.0755	0.0000113	3.01	5.22	0.0669	0.00106	5.86	0.00272	0.0502	0.000465	0.00026	0.000134	0.193	0.00000216	0.000669	0.00077	0.00163	0
2102 Mar	0.0755	0.0000113	3.01	5.23	0.0669	0.00106	5.86	0.00272	0.0502	0.000465	0.00026	0.000134	0.193	0.00000216	0.00067	0.000771	0.00163	0
2102 Apr	0.0757	0.0000113	3.02	5.24	0.0671	0.00107	5.88	0.00273	0.0503	0.000466	0.000261	0.000134	0.194	0.00000217	0.000672	0.000773	0.00164	0
2102 May	0.0767	0.0000115	3.06	5.31	0.068	0.00108	5.95	0.00277	0.0509	0.000472	0.000264	0.000136	0.196	0.00000219	0.00068	0.000783	0.00166	0
2102 Jun	0.0648	0.0000109	2.77	4.64	0.055	0.00099	5.06	0.00255	0.0465	0.000367	0.000266	0.00012	0.171	0.00000209	0.000645	0.000685	0.00168	0
2102 Jul	0.0603	0.0000107	2.6	4.28	0.049	0.000925	4.77	0.00242	0.0453	0.000321	0.000266	0.000112	0.158	0.00000207	0.000609	0.000643	0.00171	0
2102 Aug	0.0611	0.000011	2.63	4.33	0.0491	0.00094	4.85	0.00245	0.0464	0.00032	0.000266	0.000114	0.16	0.00000212	0.000614	0.000642	0.00174	0
2102 Sep	0.0605	0.000011	2.61	4.28	0.0479	0.000941	4.84	0.00243	0.0466	0.00031	0.00026	0.000112	0.158	0.00000213	0.000606	0.000625	0.00172	0
2102 Oct	0.0578	0.0000107	2.53	4.13	0.0446	0.000935	4.65	0.00235	0.0458	0.000282	0.000244	0.000108	0.153	0.00000207	0.00059	0.000582	0.00164	0
2102 Nov	0.0576	0.0000107	2.54	4.15	0.0444	0.000944	4.64	0.00236	0.0457	0.00028	0.000244	0.000108	0.153	0.00000207	0.000596	0.000578	0.00163	0
2102 Dec	0.0576	0.0000107	2.54	4.16	0.0444	0.000947	4.64	0.00236	0.0457	0.00028	0.000244	0.000108	0.153	0.00000207	0.000598	0.000579	0.00163	0
2103 Jan	0.0576	0.0000107	2.54	4.16	0.0445	0.000947	4.64	0.00236	0.0457	0.00028	0.000244	0.000108	0.154	0.00000207	0.000598	0.000579	0.00163	0
2103 Feb	0.0576	0.0000107	2.54	4.16	0.0445	0.000948	4.64	0.00236	0.0458	0.00028	0.000244	0.000108	0.154	0.00000207	0.000599	0.000579	0.00163	0
2103 Mar	0.0576	0.0000107	2.55	4.16	0.0445	0.000949	4.64	0.00237	0.0458	0.00028	0.000244	0.000108	0.154	0.00000207	0.000599	0.000579	0.00163	0
2103 Apr	0.0578	0.0000108	2.56	4.18	0.0447	0.000952	4.66	0.00238	0.0459	0.000281	0.000245	0.000108	0.154	0.00000208	0.000601	0.000581	0.00164	0
2103 May	0.0622	0.0000109	2.67	4.44	0.0505	0.000973	4.92	0.00247	0.0467	0.000332	0.000255	0.000115	0.164	0.0000021	0.000621	0.000639	0.00166	0
2103 Jun	0.0666	0.0000104	2.64	4.5	0.0579	0.000898	5.18	0.00242	0.0453	0.000409	0.000257	0.000118	0.167	0.000002	0.000586	0.000714	0.00163	0
2103 Jul	0.0667	0.0000106	2.65	4.5	0.057	0.000903	5.2	0.00244	0.0461	0.000401	0.00026	0.000118	0.167	0.00000205	0.00059	0.000708	0.00166	0
2103 Aug	0.0647	0.0000107	2.6	4.37	0.0535	0.000897	5.07	0.0024	0.0459	0.000373	0.000249	0.000115	0.162	0.00000206	0.000582	0.000655	0.00163	0
2103 Sep	0.062	0.0000105	2.55	4.26	0.05	0.000909	4.95	0.00235	0.0454	0.000341	0.000236	0.000111	0.158	0.00000203	0.000577	0.000611	0.00156	0
2103 Oct	0.0581	0.0000102	2.45	4.06	0.0449	0.000913	4.8	0.00225	0.0447	0.000296	0.000216	0.000105	0.151	0.00000198	0.000562	0.00055	0.00147	0
2103 Nov	0.0572	0.0000101	2.43	4.02	0.0437	0.000917	4.77	0.00223	0.0446	0.000285	0.000211	0.000104	0.149	0.00000197	0.00056	0.000536	0.00145	0
2103 Dec	0.0572	0.0000101	2.44	4.03	0.0438	0.00092	4.77	0.00224	0.0446	0.000285	0.000212	0.000104	0.149	0.00000197	0.000563	0.000536	0.00145	0
2104 Jan	0.0572	0.0000101	2.44	4.03	0.0438	0.000921	4.77	0.00224	0.0446	0.000285	0.000212	0.000104	0.15	0.00000197	0.000563	0.000536	0.00145	0
2104 Feb	0.0572	0.0000102	2.44	4.03	0.0438	0.000921	4.77	0.00224	0.0446	0.000285	0.000212	0.000104	0.15	0.00000197	0.000564	0.000536	0.00145	0
2104 Mar	0.0573	0.0000102	2.44	4.04	0.0438	0.000922	4.77	0.00224	0.0446	0.000286	0.000212	0.000104	0.15	0.00000197	0.000564	0.000536	0.00145	0
2104 Apr	0.0576	0.0000102	2.46	4.06	0.0441	0.000928	4.8	0.00226	0.0449	0.000287	0.000213	0.000105	0.151	0.00000198	0.000567	0.000539	0.00146	0
2104 May	0.0637	0.0000103	2.54	4.3	0.0519	0.000911	5.14	0.00232	0.046	0.000359	0.000224	0.000111	0.16	0.000002	0.000563	0.000624	0.0015	0
2104 Jun	0.0666	0.00000985	2.46	4.24	0.0569	0.000822	5.3	0.00223	0.0448	0.000414	0.000226	0.000112	0.159	0.00000193	0.000515	0.000683	0.0015	0
2104 Jul	0.0676	0.0000102	2.49	4.28	0.0569	0.00083	5.37	0.00227	0.046	0.000413	0.00023	0.000113	0.16	0.00000199	0.00052	0.000688	0.00155	0
2104 Aug	0.0678	0.0000104	2.51	4.3	0.0564	0.000843	5.4	0.00229	0.0467	0.000407	0.00023	0.000113	0.161	0.00000203	0.000524	0.000679	0.00156	0
2104 Sep	0.0653	0.0000103	2.46	4.19	0.0533	0.000849	5.25	0.00225	0.0462	0.000379	0.000219	0.000111	0.157	0.00000201	0.000519	0.000639	0.00152	0
2104 Oct	0.0626	0.0000102	2.43	4.11	0.0499	0.000867	5.09	0.00221	0.0458	0.000347	0.000209	0.000107	0.153	0.00000198	0.000521	0.000598	0.00147	0
2104 Nov	0.0619	0.0000102	2.43	4.1	0.0491	0.000879	5.07	0.00221	0.0457	0.000339	0.000208	0.000107	0.153	0.00000198	0.000527	0.000588	0.00145	0
2104 Dec	0.0619	0.0000102	2.44	4.11	0.0492	0.000882	5.07	0.00222	0.0457	0.000339	0.000208	0.000107	0.154	0.00000198	0.000529	0.000588	0.00145	0
2105 Jan	0.0619	0.0000102	2.44	4.12	0.0492	0.000884	5.07	0.00222	0.0457	0.000339	0.000208	0.000107	0.154	0.00000198	0.000531	0.000588	0.00145	0
2105 Feb	0.0619	0.0000102	2.44	4.12	0.0492	0.000884	5.07	0.00222	0.0457	0.000339	0.000208	0.000107	0.154	0.00000198	0.000531	0.000588	0.00145	0
2105 Mar	0.062	0.0000102	2.44	4.12	0.0492	0.000885	5.07	0.00222	0.0458	0.000339	0.000209	0.000107	0.154	0.00000198	0.000531	0.000588	0.00145	0
2105 Apr	0.0621	0.0000102	2.45	4.13	0.0494	0.000887	5.09	0.00223	0.0459	0.00034	0.000209	0.000107	0.154	0.00000198	0.000533	0.00059	0.00146	0
2105 May	0.0667	0.0000103	2.52	4.32	0.0553	0.000877	5.33	0.00228	0.0467	0.000394	0.000218	0.000113	0.161	0.000002	0.000531	0.000654	0.00149	0
2105 Jun	0.0705	0.0000102	2.54	4.43	0.0604	0.000846	5.54	0.0023	0.047	0.000443	0.000227	0.000116	0.166	0.000002	0.000519	0.000715	0.00153	0
2105 Jul	0.0717	0.0000106	2.59	4.5	0.0607	0.000862	5.62	0.00234	0.0483	0.000444	0.000231	0.000118	0.168	0.00000206	0.00053	0.000719	0.00157	0
2105 Aug	0.0686	0.0000105	2.54	4.37	0.0569	0.000863	5.41	0.0023	0.0474	0.000411	0.000221	0.000115	0.163	0.00000204	0.000526	0.000666	0.00153	0
2105 Sep	0.0645	0.0000104	2.56	4.35	0.0527	0.000923	5.21	0.00233	0.0461	0.000367	0.000215	0.000114	0.162	0.00000202	0.000561	0.000609	0.00147	0
2105 Oct	0.0615	0.0000103	2.57	4.32	0.0496	0.000961	5.08	0.00233	0.0454	0.000335	0.000209	0.000111	0.16	0.00000199	0.000581	0.00057	0.00141	0
2105 Nov	0.0604	0.0000103	2.57	4.3	0.0482	0.000976	5.03	0.00233	0.0452	0.000321	0.000206	0.000111	0.16	0.00000198	0.000588	0.000554	0.00139	0
2105 Dec	0.0604	0.0000103	2.58	4.32	0.0483	0.00098	5.03	0.00234	0.0452	0.000321	0.000207	0.000111	0.16	0.00000198	0.000592	0.000554	0.00139	0
2106 Jan	0.0604	0.0000103	2.58	4.32	0.0483	0.000981	5.03	0.00234	0.0452	0.000321	0.000207	0.000111	0.16	0.00000198	0.000592	0.000554	0.00139	0
2106 Feb	0.0604	0.0000103	2.58	4.32	0.0483	0.000981	5.03	0.00234	0.0452	0.000321	0.000207	0.000111	0.16	0.00000198	0.000593	0.000554	0.00139	0
2106 Mar	0.0604	0.0000103	2.58	4.32	0.0483	0.000982	5.03	0.00234	0.0452	0.000321	0.000207	0.000111	0.16	0.00000198	0.000593	0.000554	0.00139	0
2106 Apr	0.0606	0.0000103	2.59	4.34	0.0485	0.000986	5.05	0.00235	0.0454	0.000323	0.000208	0.000111	0.161	0.00000199	0.000596	0.000557	0.0014	0
2106 May	0.0631	0.0000105	2.65	4.48	0.0515	0.000997	5.19	0.00241	0.0462	0.000348	0.000215	0.000115	0.166	0.00000202	0.000605	0.000589	0.00143	0
2106 Jun	0.0642	0.0000101	2.59	4.41	0.0548	0.000917	5.18	0.00236	0.0444	0.000386	0.00023	0.000115	0.164	0.00000195	0.000579	0.000649	0.00149	0
2106 Jul	0.0641	0.0000104	2.59	4.37	0.0535	0.000916	5.18	0.00237	0.0454	0.000373	0.000237	0.000115	0.162	0.00000201	0.000581	0.000646	0.00155	0
2106 Aug	0.0621	0.0000104	2.57	4.3	0.0506	0.000922	5.04	0.00236	0.0451	0.000348	0.000229	0.000113	0.16	0.00000202	0.000581	0.000603	0.00152	0
2106 Sep	0.0588	0.0000103	2.54	4.21	0.0469	0.000948	4.87	0.00233	0.0442	0.000311	0.000218	0.00011	0.156	0.000002	0.000588	0.000551	0.00146	0
2106 Oct	0.0579	0.0000104	2.57	4.24	0.0457	0.000975	4.83	0.00235	0.0442	0.000299	0.000216	0.00011	0.157	0.00000199	0.000602	0.000536	0.00144	0
2106 Nov	0.058	0.0000104	2.58	4.26	0.0459	0.000983	4.84	0.00237	0.0443	0.000299	0.000218	0.00011	0.158	0.000002	0.000608	0.000538	0.00145	0
2106 Dec	0.058	0.0000104	2.59	4.27	0.0459	0.000986	4.84	0.00237	0.0443	0.000299	0.000218	0.000111	0.158	0.000002	0.00061	0.000538	0.00145	0
2107 Jan	0.058	0.0000104	2.59	4.27	0.0459	0.000987	4.84	0.00237	0.0443	0.000299	0.000218	0.000111	0.158	0.000002	0.000611	0.000538	0.00145	0
2107 Feb	0.058	0.0000104	2.59	4.27	0.0459	0.000987	4.84	0.00237	0.0443	0.000299	0.000218	0.000111	0.158	0.000002	0.000611	0.000538	0.00145	0
2107 Mar	0.058	0.0000104	2.59	4.28	0.046	0.000988	4.84	0.00238	0.0444	0.000299	0.000218	0.000111	0.158	0.000002	0.000612	0.000538	0.00145	0
2107 Apr	0.0582	0.0000104	2.6	4.29	0.0461	0.00099	4.85	0.00238	0.0444	0.0003	0.000219	0.000111	0.159	0.00000201	0.000613	0.000539	0.00145	0
2107 May	0.0608	0.0000105	2.64	4.4	0.0496	0.000987	5.02	0.00241	0.0448	0.000331	0.000224	0.000114	0.163	0.00000201	0.000615	0.000577	0.00147	0
2107 Jun	0.0657	0.0000103	2.65	4.51	0.0564	0.000934	5.3	0.00241	0.045	0.000398	0.000235	0.000118	0.168	0.00000199	0.000592	0.00066	0.00151	0
2107 Jul	0.0657	0.0000105	2.63	4.46	0.0552	0.000925	5.27	0.00241	0.0457	0.000389	0.000235	0.000117	0.166	0.00000203	0.000585	0.000648	0.00154	0
2107 Aug	0.067	0.0000108	2.7	4.56	0.0557	0.000951	5.37	0.00246	0.047	0.000392	0.000238	0.00012	0.169	0.00000209	0.0006	0.000652	0.00157	0
2107 Sep	0.0664	0.0000109	2.71	4.57	0.0546	0.000974	5.35	0.00248	0.0474	0.000379	0.000236	0.00012	0.17	0.00000211	0.00061	0.000639	0.00156	0
2107 Oct	0.065	0.0000109	2.71	4.56	0.053	0.000994	5.25	0.00248	0.0473	0.000362	0.000232	0.000118	0.169	0.00000209	0.000618	0.000618	0.00154	0
2107 Nov	0.0646	0.0000109	2.72	4.56	0.0524	0.001	5.22	0.00248	0.0472	0.000357	0.000231	0.000118	0.169	0.00000209	0.000623	0.000611	0.00153	0
2107 Dec	0.0646	0.0000109	2.73	4.58	0.0525	0.00101	5.21	0.00249	0.0472	0.000357	0.000232	0.000118	0.169	0.00000209	0.000627	0.000612	0.00153	0
2108 Jan	0.0646	0.0000109	2.73	4.58	0.0525	0.00101	5.21	0.00249	0.0472	0.000357	0.000232	0.000119	0.17	0.00000209	0.000629	0.000612	0.00153	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0646	0.0000109	2.73	4.59	0.0525	0.00101	5.21	0.0025	0.0472	0.000357	0.000232	0.000119	0.17	0.00000209	0.000629	0.000612	0.00153	0
2108 Mar	0.0646	0.0000109	2.73	4.59	0.0526	0.00101	5.22	0.0025	0.0473	0.000357	0.000233	0.000119	0.17	0.00000209	0.00063	0.000612	0.00153	0
2108 Apr	0.0652	0.000011	2.76	4.63	0.053	0.00102	5.26	0.00252	0.0476	0.00036	0.000234	0.00012	0.171	0.00000211	0.000635	0.000617	0.00154	0
2108 May	0.0666	0.0000112	2.8	4.72	0.0544	0.00103	5.37	0.00256	0.0485	0.000369	0.000239	0.000122	0.174	0.00000214	0.000644	0.000633	0.00157	0
2108 Jun	0.0644	0.0000109	2.67	4.48	0.0524	0.000961	5.06	0.00246	0.0472	0.000358	0.000247	0.000117	0.166	0.0000021	0.00061	0.000641	0.00162	0
2108 Jul	0.066	0.0000114	2.74	4.58	0.0531	0.000984	5.17	0.00254	0.0489	0.00036	0.000259	0.00012	0.169	0.00000219	0.000627	0.00066	0.00171	0
2108 Aug	0.0686	0.0000119	2.87	4.78	0.0549	0.00103	5.38	0.00265	0.0511	0.000372	0.000269	0.000125	0.177	0.00000229	0.000656	0.000681	0.00178	0
2108 Sep	0.0683	0.000012	2.89	4.81	0.0544	0.00105	5.38	0.00267	0.0514	0.000365	0.000268	0.000125	0.178	0.0000023	0.000666	0.000673	0.00178	0
2108 Oct	0.0639	0.0000115	2.78	4.6	0.0494	0.00105	5.07	0.00256	0.0499	0.000321	0.000248	0.000118	0.17	0.00000221	0.00065	0.00061	0.00166	0
2108 Nov	0.0633	0.0000115	2.78	4.6	0.0488	0.00106	5.03	0.00256	0.0498	0.000314	0.000246	0.000118	0.169	0.0000022	0.000655	0.000601	0.00165	0
2108 Dec	0.0633	0.0000115	2.79	4.61	0.0488	0.00106	5.03	0.00257	0.0498	0.000314	0.000247	0.000118	0.17	0.0000022	0.000658	0.000601	0.00165	0
2109 Jan	0.0633	0.0000115	2.79	4.61	0.0488	0.00106	5.03	0.00257	0.0498	0.000314	0.000247	0.000118	0.17	0.0000022	0.000659	0.000601	0.00165	0
2109 Feb	0.0633	0.0000115	2.79	4.61	0.0488	0.00106	5.03	0.00257	0.0498	0.000314	0.000247	0.000118	0.17	0.0000022	0.000659	0.000601	0.00165	0
2109 Mar	0.0634	0.0000115	2.79	4.62	0.0489	0.00107	5.04	0.00258	0.0499	0.000315	0.000247	0.000118	0.17	0.00000221	0.00066	0.000602	0.00165	0
2109 Apr	0.0637	0.0000116	2.81	4.64	0.0491	0.00107	5.07	0.00259	0.0501	0.000316	0.000248	0.000119	0.171	0.00000222	0.000663	0.000605	0.00166	0
2109 May	0.0674	0.0000115	2.83	4.75	0.0541	0.00105	5.28	0.0026	0.0505	0.000363	0.000253	0.000122	0.175	0.00000221	0.00065	0.000658	0.00167	0
2109 Jun	0.0726	0.0000113	2.81	4.82	0.0611	0.000974	5.59	0.00256	0.0506	0.000434	0.000257	0.000125	0.179	0.00000218	0.00061	0.000737	0.0017	0
2109 Jul	0.0727	0.0000115	2.83	4.83	0.0603	0.000984	5.57	0.00259	0.0512	0.000426	0.000259	0.000126	0.179	0.00000222	0.000618	0.000727	0.00172	0
2109 Aug	0.0731	0.0000118	2.88	4.91	0.0598	0.00102	5.59	0.00265	0.052	0.00042	0.000262	0.000128	0.182	0.00000227	0.000639	0.000716	0.00173	0
2109 Sep	0.0709	0.0000118	2.89	4.9	0.0576	0.00105	5.47	0.00265	0.0515	0.000397	0.000257	0.000127	0.181	0.00000225	0.000655	0.000686	0.00169	0
2109 Oct	0.0658	0.0000114	2.85	4.77	0.0522	0.00108	5.22	0.00261	0.0498	0.000346	0.000242	0.000121	0.176	0.00000217	0.00067	0.000618	0.00159	0
2109 Nov	0.0655	0.0000114	2.87	4.8	0.052	0.0011	5.21	0.00263	0.0498	0.000343	0.000242	0.000122	0.176	0.00000218	0.000679	0.000615	0.00158	0
2109 Dec	0.0656	0.0000114	2.88	4.81	0.0521	0.0011	5.21	0.00263	0.0498	0.000343	0.000243	0.000122	0.177	0.00000218	0.000682	0.000615	0.00158	0
2110 Jan	0.0656	0.0000114	2.88	4.81	0.0521	0.0011	5.21	0.00264	0.0498	0.000343	0.000243	0.000122	0.177	0.00000218	0.000683	0.000615	0.00158	0
2110 Feb	0.0656	0.0000114	2.88	4.82	0.0521	0.0011	5.21	0.00264	0.0498	0.000343	0.000243	0.000122	0.177	0.00000218	0.000683	0.000615	0.00159	0
2110 Mar	0.0656	0.0000114	2.88	4.82	0.0522	0.0011	5.22	0.00264	0.0498	0.000343	0.000243	0.000122	0.177	0.00000218	0.000684	0.000616	0.00159	0
2110 Apr	0.0658	0.0000115	2.89	4.84	0.0523	0.00111	5.23	0.00265	0.05	0.000344	0.000244	0.000123	0.178	0.00000219	0.000686	0.000618	0.00159	0
2110 May	0.0674	0.0000116	2.96	4.98	0.0545	0.00113	5.33	0.00271	0.0504	0.00036	0.000251	0.000126	0.183	0.00000221	0.000706	0.000639	0.00161	0
2110 Jun	0.0685	0.000011	3.01	5.1	0.0601	0.0011	5.39	0.00275	0.0472	0.000413	0.000268	0.000131	0.187	0.0000021	0.000721	0.000703	0.0016	0
2110 Jul	0.0688	0.0000112	2.99	5.05	0.0592	0.00109	5.4	0.00274	0.0482	0.000406	0.000271	0.00013	0.185	0.00000215	0.000713	0.000702	0.00165	0
2110 Aug	0.0617	0.0000108	2.79	4.63	0.0507	0.00105	5.03	0.00256	0.0451	0.000338	0.000242	0.00012	0.17	0.00000207	0.000674	0.000586	0.00152	0
2110 Sep	0.0564	0.0000104	2.67	4.36	0.0445	0.00104	4.82	0.00245	0.0436	0.000282	0.000219	0.000112	0.161	0.000002	0.000654	0.00051	0.00141	0
2110 Oct	0.0527	0.0000101	2.56	4.14	0.0395	0.00104	4.68	0.00234	0.0431	0.000238	0.0002	0.000105	0.153	0.00000194	0.000633	0.000454	0.00132	0
2110 Nov	0.0519	0.00001	2.54	4.11	0.0386	0.00104	4.64	0.00233	0.0429	0.00023	0.000197	0.000104	0.152	0.00000193	0.000633	0.000444	0.00131	0
2110 Dec	0.0519	0.00001	2.55	4.13	0.0387	0.00105	4.64	0.00234	0.0429	0.00023	0.000197	0.000104	0.152	0.00000193	0.000637	0.000444	0.00131	0
2111 Jan	0.0519	0.00001	2.56	4.13	0.0387	0.00105	4.64	0.00234	0.0429	0.00023	0.000198	0.000105	0.153	0.00000193	0.000638	0.000444	0.00131	0
2111 Feb	0.0519	0.00001	2.56	4.14	0.0387	0.00105	4.64	0.00234	0.0429	0.00023	0.000198	0.000105	0.153	0.00000193	0.000639	0.000444	0.00131	0
2111 Mar	0.052	0.0000101	2.56	4.14	0.0387	0.00105	4.65	0.00234	0.043	0.00023	0.000198	0.000105	0.153	0.00000194	0.00064	0.000445	0.00131	0
2111 Apr	0.0523	0.0000101	2.58	4.17	0.039	0.00106	4.68	0.00236	0.0432	0.000231	0.000199	0.000105	0.154	0.00000195	0.000644	0.000447	0.00132	0
2111 May	0.0558	0.0000102	2.62	4.29	0.0431	0.00105	4.88	0.00239	0.0442	0.00027	0.000206	0.000109	0.159	0.00000197	0.000639	0.000495	0.00135	0
2111 Jun	0.0637	0.00000997	2.57	4.36	0.0536	0.000925	5.27	0.00233	0.0445	0.000376	0.000219	0.000113	0.162	0.00000194	0.000574	0.000625	0.00143	0
2111 Jul	0.0661	0.0000105	2.67	4.52	0.0553	0.000959	5.46	0.00242	0.0466	0.000387	0.00023	0.000117	0.168	0.00000203	0.000596	0.000649	0.00151	0
2111 Aug	0.0632	0.0000104	2.62	4.4	0.0517	0.000961	5.24	0.00239	0.0457	0.000355	0.00022	0.000115	0.164	0.00000202	0.000593	0.000598	0.00147	0
2111 Sep	0.0611	0.0000105	2.63	4.39	0.0494	0.000991	5.12	0.0024	0.0452	0.00033	0.000215	0.000114	0.163	0.00000202	0.000607	0.000564	0.00144	0
2111 Oct	0.0583	0.0000103	2.61	4.32	0.0463	0.00101	4.99	0.00238	0.0445	0.000301	0.000208	0.000111	0.16	0.00000198	0.000616	0.000528	0.00138	0
2111 Nov	0.0563	0.0000102	2.61	4.29	0.0441	0.00104	4.9	0.00237	0.044	0.000279	0.000203	0.000109	0.159	0.00000196	0.000628	0.000502	0.00135	0
2111 Dec	0.0563	0.0000102	2.62	4.3	0.0442	0.00104	4.9	0.00238	0.044	0.000279	0.000204	0.00011	0.159	0.00000196	0.000632	0.000502	0.00135	0
2112 Jan	0.0563	0.0000102	2.62	4.31	0.0442	0.00104	4.9	0.00239	0.044	0.000279	0.000204	0.00011	0.159	0.00000196	0.000634	0.000502	0.00135	0
2112 Feb	0.0563	0.0000102	2.63	4.31	0.0442	0.00105	4.9	0.00239	0.044	0.000279	0.000205	0.00011	0.16	0.00000196	0.000635	0.000502	0.00135	0
2112 Mar	0.0564	0.0000102	2.63	4.32	0.0443	0.00105	4.91	0.0024	0.0441	0.000279	0.000205	0.00011	0.16	0.00000197	0.000637	0.000503	0.00135	0
2112 Apr	0.0567	0.0000103	2.65	4.35	0.0445	0.00105	4.94	0.00241	0.0443	0.000281	0.000206	0.000111	0.161	0.00000198	0.00064	0.000505	0.00136	0
2112 May	0.061	0.0000104	2.74	4.56	0.0501	0.00106	5.17	0.00248	0.0451	0.00033	0.000218	0.000117	0.169	0.000002	0.000651	0.000566	0.0014	0
2112 Jun	0.0643	0.00000975	2.6	4.44	0.0564	0.000918	5.27	0.00236	0.043	0.000401	0.000228	0.000116	0.165	0.00000189	0.000584	0.000656	0.00143	0
2112 Jul	0.0639	0.00000998	2.59	4.38	0.0549	0.000909	5.21	0.00236	0.0438	0.000388	0.000233	0.000115	0.163	0.00000194	0.00058	0.000652	0.00149	0
2112 Aug	0.0649	0.0000103	2.68	4.53	0.0556	0.000955	5.31	0.00245	0.0449	0.000389	0.000239	0.000119	0.168	0.000002	0.000609	0.000656	0.00152	0
2112 Sep	0.0635	0.0000104	2.74	4.61	0.0543	0.00101	5.23	0.0025	0.0448	0.000371	0.000239	0.00012	0.171	0.00000201	0.00064	0.000634	0.00151	0
2112 Oct	0.0625	0.0000105	2.81	4.71	0.0535	0.00106	5.15	0.00257	0.0446	0.000359	0.000242	0.000121	0.173	0.00000201	0.000675	0.00062	0.00149	0
2112 Nov	0.0624	0.0000106	2.86	4.78	0.0536	0.00108	5.14	0.00261	0.0446	0.000357	0.000245	0.000123	0.176	0.00000202	0.000695	0.000619	0.00149	0
2112 Dec	0.0624	0.0000106	2.87	4.79	0.0537	0.00109	5.14	0.00262	0.0446	0.000357	0.000246	0.000123	0.176	0.00000202	0.000698	0.000619	0.00149	0
2113 Jan	0.0624	0.0000106	2.87	4.8	0.0537	0.00109	5.14	0.00262	0.0446	0.000357	0.000246	0.000123	0.177	0.00000202	0.0007	0.000619	0.00149	0
2113 Feb	0.0624	0.0000106	2.88	4.81	0.0537	0.00109	5.14	0.00263	0.0446	0.000357	0.000246	0.000123	0.177	0.00000202	0.000701	0.00062	0.00149	0
2113 Mar	0.0626	0.0000106	2.89	4.82	0.0539	0.0011	5.15	0.00263	0.0448	0.000358	0.000247	0.000124	0.177	0.00000203	0.000703	0.000621	0.0015	0
2113 Apr	0.0629	0.0000107	2.9	4.84	0.0541	0.0011	5.18	0.00265	0.045	0.000359	0.000248	0.000124	0.178	0.00000204	0.000707	0.000624	0.00151	0
2113 May	0.0662	0.0000108	2.99	5.04	0.0584	0.00112	5.35	0.00272	0.0458	0.000396	0.000257	0.000129	0.185	0.00000206	0.000722	0.000669	0.00154	0
2113 Jun	0.0699	0.0000106	2.98	5.1	0.0639	0.00106	5.51	0.0027	0.0455	0.00045	0.000265	0.000132	0.188	0.00000202	0.000698	0.000736	0.00156	0
2113 Jul	0.0713	0.000011	3.03	5.18	0.0643	0.00108	5.61	0.00276	0.047	0.000453	0.000271	0.000134	0.191	0.0000021	0.000711	0.000743	0.00161	0
2113 Aug	0.0721	0.0000113	3.1	5.29	0.0646	0.00112	5.67	0.00283	0.0479	0.000452	0.000275	0.000137	0.194	0.00000215	0.000732	0.000741	0.00164	0
2113 Sep	0.0698	0.0000112	3.09	5.25	0.0618	0.00114	5.52	0.00282	0.0475	0.000424	0.000269	0.000135	0.193	0.00000213	0.000743	0.000706	0.0016	0
2113 Oct	0.0636	0.0000108	2.98	5	0.0545	0.00116	5.17	0.00272	0.0459	0.000357	0.000247	0.000127	0.183	0.00000205	0.000738	0.00062	0.00148	0
2113 Nov	0.0622	0.0000108	2.97	4.96	0.0528	0.00117	5.12	0.00271	0.0458	0.000341	0.000243	0.000125	0.182	0.00000204	0.000742	0.000599	0.00146	0
2113 Dec	0.0622	0.0000108	2.98	4.98	0.0528	0.00118	5.12	0.00272	0.0458	0.000341	0.000243	0.000125	0.182	0.00000204	0.000745	0.0006	0.00146	0
2114 Jan	0.0622	0.0000108	2.98	4.98	0.0528	0.00118	5.12	0.00272	0.0458	0.000341	0.000244	0.000126	0.182	0.00000204	0.000747	0.0006	0.00146	0
2114 Feb	0.0622	0.0000108	2.98	4.98	0.0528	0.00118	5.12	0.00272	0.0458	0.000341	0.000244	0.000126	0.182	0.00000204	0.000747	0.0006	0.00146	0
2114 Mar	0.0623	0.0000108	2.99	4.99	0.0529	0.00118	5.13	0.00272	0.0459	0.000341	0.000244	0.000126	0.182	0.00000205	0.000748	0.000601	0.00146	0
2114 Apr	0.0625	0.0000108	3	5.01	0.0531	0.00118	5.15	0.00273	0.046	0.000343	0.000245	0.000126	0.183	0.00000205	0.000751	0.000603	0.00147	0
2114 May	0.0662	0.0000108	3.07	5.18	0.0583	0.00118	5.36	0.00279	0.0463	0.000389	0.000254	0.000131	0.19	0.00000205	0.000756	0.000658	0.00149	0
2114 Jun	0.0714	0.0000109	3.12	5.35	0.0648	0.00115	5.65	0.00283	0.0472	0.000451	0.000267	0.000136	0.196	0.00000208	0.000747	0.000736	0.00156	0

Appendix D.2-10: CH6

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.0743	0.0000115	3.26	5.58	0.0671	0.0012	5.87	0.00296	0.0495	0.000465	0.00028	0.000142	0.204	0.00000218	0.000782	0.000764	0.00164	0
2114 Aug	0.0775	0.0000121	3.44	5.87	0.0698	0.00128	6.12	0.00312	0.0518	0.000482	0.000294	0.00015	0.215	0.0000023	0.000831	0.000792	0.00171	0
2114 Sep	0.0742	0.000012	3.4	5.78	0.0661	0.00129	5.9	0.00309	0.051	0.000446	0.000285	0.000147	0.211	0.00000227	0.000836	0.000745	0.00166	0
2114 Oct	0.0702	0.0000118	3.38	5.7	0.0618	0.00133	5.61	0.00307	0.0499	0.000404	0.000276	0.000143	0.207	0.00000221	0.000851	0.000692	0.00159	0
2114 Nov	0.0672	0.0000116	3.36	5.64	0.0584	0.00135	5.39	0.00306	0.0491	0.000372	0.000269	0.00014	0.205	0.00000218	0.000864	0.000651	0.00154	0
2114 Dec	0.067	0.0000117	3.38	5.67	0.0584	0.00136	5.38	0.00307	0.049	0.000371	0.00027	0.000141	0.205	0.00000218	0.000873	0.00065	0.00153	0
2115 Jan	0.067	0.0000117	3.38	5.68	0.0585	0.00137	5.38	0.00308	0.049	0.000371	0.00027	0.000141	0.206	0.00000218	0.000875	0.00065	0.00154	0
2115 Feb	0.067	0.0000117	3.39	5.68	0.0585	0.00137	5.38	0.00308	0.049	0.000371	0.000271	0.000141	0.206	0.00000218	0.000876	0.00065	0.00154	0
2115 Mar	0.0671	0.0000117	3.39	5.69	0.0585	0.00137	5.39	0.00309	0.049	0.000371	0.000271	0.000141	0.206	0.00000218	0.000877	0.000651	0.00154	0
2115 Apr	0.0674	0.0000117	3.41	5.72	0.0588	0.00138	5.41	0.0031	0.0493	0.000373	0.000272	0.000142	0.207	0.00000219	0.000882	0.000654	0.00154	0
2115 May	0.0711	0.0000116	3.36	5.71	0.0634	0.00131	5.6	0.00305	0.0496	0.000421	0.000273	0.000143	0.208	0.00000217	0.00084	0.000708	0.00156	0
2115 Jun	0.0763	0.0000118	3.39	5.84	0.0692	0.00128	5.91	0.00307	0.051	0.000476	0.000282	0.000147	0.213	0.00000221	0.000821	0.000777	0.00163	0
2115 Jul	0.0785	0.0000122	3.48	5.98	0.0704	0.00131	6.07	0.00315	0.0529	0.000484	0.000289	0.000151	0.218	0.0000023	0.000841	0.00079	0.00169	0
2115 Aug	0.0742	0.000012	3.33	5.69	0.0651	0.00127	5.77	0.00303	0.0513	0.000442	0.000273	0.000144	0.208	0.00000225	0.000808	0.000723	0.00162	0
2115 Sep	0.0721	0.000012	3.35	5.69	0.063	0.0013	5.66	0.00305	0.0507	0.000418	0.00027	0.000144	0.207	0.00000225	0.000826	0.000692	0.0016	0
2115 Oct	0.0713	0.0000121	3.4	5.75	0.0623	0.00133	5.6	0.00309	0.0506	0.000409	0.000272	0.000145	0.209	0.00000225	0.00085	0.000682	0.00159	0
2115 Nov	0.0695	0.000012	3.39	5.71	0.0603	0.00135	5.48	0.00308	0.0502	0.00039	0.000267	0.000143	0.207	0.00000223	0.000856	0.000659	0.00156	0
2115 Dec	0.0694	0.000012	3.4	5.74	0.0603	0.00136	5.47	0.0031	0.0501	0.000388	0.000269	0.000143	0.208	0.00000223	0.000864	0.000658	0.00156	0
2116 Jan	0.0694	0.000012	3.41	5.75	0.0603	0.00136	5.47	0.0031	0.0501	0.000388	0.000269	0.000144	0.209	0.00000223	0.000868	0.000658	0.00156	0
2116 Feb	0.0694	0.000012	3.42	5.76	0.0604	0.00136	5.47	0.00311	0.0501	0.000388	0.00027	0.000144	0.209	0.00000223	0.000869	0.000658	0.00156	0
2116 Mar	0.0695	0.000012	3.42	5.76	0.0604	0.00137	5.47	0.00311	0.0502	0.000389	0.00027	0.000144	0.209	0.00000224	0.00087	0.000659	0.00156	0
2116 Apr	0.0698	0.0000121	3.43	5.79	0.0607	0.00137	5.5	0.00313	0.0504	0.00039	0.000271	0.000145	0.21	0.00000225	0.000874	0.000662	0.00157	0
2116 May	0.0726	0.0000122	3.54	6.02	0.065	0.0014	5.65	0.00322	0.0507	0.000426	0.000283	0.00015	0.218	0.00000226	0.000901	0.000707	0.0016	0
2116 Jun	0.0726	0.0000112	3.35	5.73	0.0678	0.00125	5.65	0.00303	0.0472	0.000466	0.000284	0.000145	0.209	0.00000211	0.000829	0.000754	0.00157	0
2116 Jul	0.0743	0.0000117	3.41	5.82	0.0686	0.00127	5.78	0.0031	0.049	0.000471	0.000295	0.000148	0.212	0.0000022	0.000841	0.000774	0.00166	0
2116 Aug	0.0764	0.0000121	3.52	6	0.0702	0.00132	5.95	0.0032	0.0507	0.000479	0.000303	0.000153	0.219	0.00000228	0.00087	0.000789	0.00171	0
2116 Sep	0.0718	0.0000118	3.42	5.79	0.0648	0.00132	5.65	0.00311	0.0494	0.000431	0.000286	0.000146	0.211	0.00000222	0.000858	0.000725	0.00163	0
2116 Oct	0.0668	0.0000115	3.28	5.51	0.0582	0.0013	5.35	0.00298	0.0484	0.000374	0.000265	0.000138	0.2	0.00000215	0.000832	0.000651	0.00153	0
2116 Nov	0.0664	0.0000115	3.28	5.51	0.0576	0.00131	5.33	0.00299	0.0485	0.000368	0.000264	0.000137	0.2	0.00000215	0.000837	0.000644	0.00153	0
2116 Dec	0.0664	0.0000115	3.29	5.52	0.0576	0.00132	5.33	0.00299	0.0485	0.000368	0.000264	0.000137	0.2	0.00000215	0.00084	0.000644	0.00153	0
2117 Jan	0.0664	0.0000115	3.29	5.52	0.0576	0.00132	5.33	0.003	0.0485	0.000368	0.000265	0.000138	0.201	0.00000215	0.000841	0.000644	0.00153	0
2117 Feb	0.0664	0.0000115	3.29	5.52	0.0576	0.00132	5.33	0.003	0.0485	0.000368	0.000265	0.000138	0.201	0.00000215	0.000841	0.000644	0.00153	0
2117 Mar	0.0664	0.0000115	3.29	5.53	0.0577	0.00132	5.33	0.003	0.0485	0.000368	0.000265	0.000138	0.201	0.00000216	0.000842	0.000644	0.00153	0
2117 Apr	0.0668	0.0000116	3.31	5.56	0.058	0.00133	5.36	0.00302	0.0488	0.00037	0.000267	0.000139	0.202	0.00000217	0.000847	0.000648	0.00154	0
2117 May	0.0699	0.0000116	3.32	5.62	0.0616	0.0013	5.54	0.00302	0.0495	0.000405	0.00027	0.000141	0.205	0.00000218	0.00083	0.00069	0.00157	0
2117 Jun	0.0742	0.0000115	3.27	5.62	0.0668	0.00123	5.77	0.00297	0.0499	0.000459	0.000275	0.000142	0.206	0.00000217	0.000787	0.000756	0.00161	0
2117 Jul	0.0768	0.000012	3.39	5.8	0.0686	0.00127	5.97	0.00307	0.0521	0.000471	0.000286	0.000147	0.212	0.00000227	0.000814	0.000778	0.00168	0
2117 Aug	0.0776	0.0000123	3.43	5.87	0.0688	0.00129	6.04	0.00312	0.053	0.00047	0.000288	0.000149	0.215	0.00000232	0.000826	0.000777	0.00171	0
2117 Sep	0.0775	0.0000124	3.48	5.94	0.0685	0.00132	6.05	0.00316	0.0534	0.000465	0.00029	0.00015	0.217	0.00000234	0.000843	0.000772	0.00171	0
2117 Oct	0.0754	0.0000123	3.44	5.85	0.066	0.00132	5.91	0.00312	0.0529	0.000442	0.000283	0.000147	0.214	0.00000232	0.00084	0.000743	0.00168	0
2117 Nov	0.0745	0.0000123	3.42	5.82	0.0649	0.00132	5.84	0.00311	0.0527	0.000433	0.00028	0.000146	0.212	0.0000023	0.00084	0.00073	0.00166	0
2117 Dec	0.0743	0.0000123	3.43	5.82	0.0648	0.00133	5.83	0.00311	0.0526	0.000431	0.00028	0.000146	0.212	0.0000023	0.000843	0.000728	0.00166	0
2118 Jan	0.0743	0.0000123	3.43	5.83	0.0648	0.00133	5.83	0.00312	0.0526	0.000431	0.00028	0.000146	0.213	0.0000023	0.000845	0.000728	0.00166	0
2118 Feb	0.0743	0.0000123	3.43	5.83	0.0648	0.00133	5.83	0.00312	0.0526	0.000431	0.00028	0.000146	0.213	0.0000023	0.000846	0.000728	0.00166	0
2118 Mar	0.0743	0.0000123	3.43	5.83	0.0648	0.00133	5.83	0.00312	0.0526	0.000431	0.00028	0.000146	0.213	0.0000023	0.000846	0.000728	0.00166	0
2118 Apr	0.075	0.0000123	3.45	5.87	0.0656	0.00133	5.88	0.00313	0.0529	0.000434	0.000281	0.000147	0.214	0.00000231	0.000847	0.000736	0.00166	0
2118 May	0.0793	0.0000119	3.36	5.83	0.0717	0.00124	6.08	0.00304	0.0524	0.000494	0.00028	0.000147	0.214	0.00000225	0.000788	0.000804	0.00166	0
2118 Jun	0.0792	0.000011	3.04	5.35	0.0729	0.00103	6.05	0.00273	0.0494	0.00053	0.000266	0.000138	0.198	0.0000021	0.000664	0.000833	0.00161	0
2118 Jul	0.0826	0.0000115	3.16	5.56	0.0755	0.00107	6.29	0.00285	0.0519	0.000548	0.000278	0.000143	0.206	0.00000221	0.00069	0.000866	0.0017	0
2118 Aug	0.0786	0.0000114	3.07	5.35	0.0706	0.00106	6.05	0.00277	0.0508	0.000505	0.000264	0.000138	0.198	0.00000218	0.000674	0.000802	0.00165	0
2118 Sep	0.071	0.000011	2.94	5.06	0.062	0.00108	5.62	0.00266	0.0485	0.000428	0.000243	0.00013	0.187	0.0000021	0.00067	0.0007	0.00153	0
2118 Oct	0.0665	0.0000108	2.9	4.93	0.0567	0.00111	5.4	0.00262	0.0475	0.000378	0.000231	0.000125	0.182	0.00000205	0.000682	0.000638	0.00146	0
2118 Nov	0.0654	0.0000108	2.92	4.94	0.0556	0.00113	5.36	0.00264	0.0472	0.000367	0.000231	0.000125	0.182	0.00000205	0.000696	0.000624	0.00144	0
2118 Dec	0.0655	0.0000108	2.92	4.95	0.0557	0.00113	5.36	0.00265	0.0472	0.000367	0.000231	0.000125	0.182	0.00000205	0.000698	0.000625	0.00144	0
2119 Jan	0.0655	0.0000108	2.93	4.96	0.0557	0.00113	5.36	0.00265	0.0472	0.000367	0.000231	0.000125	0.182	0.00000205	0.0007	0.000625	0.00144	0
2119 Feb	0.0655	0.0000108	2.93	4.96	0.0557	0.00114	5.36	0.00265	0.0472	0.000367	0.000232	0.000125	0.182	0.00000205	0.000701	0.000625	0.00144	0
2119 Mar	0.0656	0.0000108	2.94	4.97	0.0558	0.00114	5.37	0.00266	0.0473	0.000367	0.000232	0.000125	0.183	0.00000205	0.000702	0.000626	0.00145	0
2119 Apr	0.0679	0.0000109	2.97	5.06	0.0585	0.00114	5.51	0.00268	0.0479	0.000379	0.000234	0.000127	0.186	0.00000207	0.000702	0.000652	0.00146	0
2119 May	0.0787	0.0000105	2.97	5.29	0.0727	0.00103	6.13	0.00265	0.0485	0.000472	0.00024	0.000129	0.196	0.00000202	0.00064	0.000801	0.00147	0
2119 Jun	0.0781	0.0000104	2.88	5.13	0.072	0.000973	6.06	0.00258	0.048	0.000479	0.000241	0.000127	0.191	0.000002	0.000609	0.000808	0.0015	0
2119 Jul	0.0807	0.0000109	3.01	5.33	0.0739	0.00102	6.24	0.00269	0.0501	0.00049	0.000255	0.000132	0.198	0.0000021	0.00064	0.000835	0.00159	0
2119 Aug	0.08	0.0000112	3.04	5.35	0.0726	0.00105	6.23	0.00273	0.0507	0.000476	0.000254	0.000133	0.199	0.00000215	0.000653	0.000815	0.0016	0
2119 Sep	0.0753	0.000011	2.99	5.21	0.0673	0.00107	5.92	0.00269	0.0494	0.000431	0.000243	0.000129	0.193	0.00000211	0.00066	0.000749	0.00153	0
2119 Oct	0.0719	0.0000109	2.98	5.15	0.0634	0.0011	5.71	0.00268	0.0486	0.000398	0.000237	0.000127	0.19	0.00000208	0.000677	0.000704	0.00149	0
2119 Nov	0.0703	0.0000109	3	5.16	0.0619	0.00113	5.64	0.0027	0.0481	0.000382	0.000237	0.000127	0.19	0.00000207	0.000698	0.000685	0.00146	0
2119 Dec	0.0703	0.0000109	3.01	5.18	0.0619	0.00114	5.64	0.00271	0.0481	0.000382	0.000238	0.000127	0.191	0.00000207	0.000702	0.000685	0.00147	0

Appendix D.2-11: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	737	0.00962	0.0154	0.00149	375	0.0151	43.9	0.00014	0.00014	0.0000056	0.00858	0.0035	0.146	0.0188	0.00000582	1.02	0.00000564	0.000782	0.000334	0.000328
Operation (2026-2036): Mean	4110	0.474	1.68	0.0492	1160	0.153	238	0.00184	0.00184	0.0000408	0.0225	0.0631	0.431	0.161	0.00072	26.5	0.0000535	0.00244	0.00113	0.00336
Operation (2026-2036): Max	6920	0.868	3.35	0.096	2170	0.259	397	0.00612	0.00612	0.000152	0.061	1.07	0.912	0.611	0.00304	42.3	0.0000884	0.00611	0.00308	0.00568
Active Closure (2037-2043): Min	125	0.0153	0.0415	0.00202	17.9	0.0294	8.93	0.000635	0.000635	0.00000504	0.00297	0.000342	0.0103	0.00804	0.00000505	7.49	0.00000664	0.0000904	0.0000936	0.000836
Active Closure (2037-2043): Mean	339	0.0399	0.12	0.00423	48.6	0.0371	21.2	0.000964	0.000964	0.00000511	0.00344	0.000668	0.024	0.00923	0.00000514	9.16	0.00000962	0.000157	0.000122	0.001
Active Closure (2037-2043): Max	2950	0.347	1.07	0.031	425	0.135	170	0.000992	0.000992	0.00000583	0.00973	0.00499	0.192	0.027	0.00000613	31	0.000046	0.000928	0.000505	0.00297
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2043)																				
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0.0572	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0.451	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0.507	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0.561	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0.615	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0.642	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0.642	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0.642	0	0	0	0	0	0	0	0
2029 Jan	0	0	0	0	0	0	0	0	0	0	0	0.642	0	0	0	0	0	0	0	0
2029 Feb	0	0	0	0	0	0	0	0	0	0	0	0.642	0	0	0	0	0	0	0	0
2029 Mar	0	0	0	0	0	0	0	0	0	0	0	0.642	0	0	0	0	0	0	0	0
2029 Apr	0	0	0	0	0	0	0	0	0	0	0	0.642	0	0	0	0	0	0	0	0
2029 May	0	0	0	0	0	0	0	0	0	0	0	0.655	0	0	0	0	0	0	0	0
2029 Jun	0	0	0	0	0	0	0	0	0	0	0	1.08	0	0	0	0	0	0	0	0
2029 Jul	0	0	0	0	0	0	0	0	0	0	0	1.15	0	0	0	0	0	0	0	0
2029 Aug	0	0	0	0	0	0	0	0	0	0	0	1.2	0	0	0	0	0	0	0	0
2029 Sep	0	0	0	0	0	0	0	0	0	0	0	1.26	0	0	0	0	0	0	0	0
2029 Oct	0	0	0	0	0	0	0	0	0	0	0	1.28	0	0	0	0	0	0	0	0
2029 Nov	0	0	0	0	0	0	0	0	0	0	0	1.28	0	0	0	0	0	0	0	0
2029 Dec	0	0	0	0	0	0	0	0	0	0	0	1.28	0	0	0	0	0	0	0	0
2030 Jan	737	0.00962	0.0154	0.00149	500	0.0151	43.9	0.00149	0.00149	0.0000368	0.0148	1.07	0.221	0.148	0.000735	1.02	0.00000564	0.00148	0.000756	0.000328
2030 Feb	1720	0.0214	0.0356	0.00346	1170	0.0349	102	0.00346	0.00346	0.0000859	0.0345	0.808	0.514	0.345	0.00171	1.94	0.000013	0.00345	0.00175	0.000749
2030 Mar	2310	0.0279	0.0475	0.00465	1570	0.0468	137	0.00465	0.00465	0.000115	0.0463	0.655	0.692	0.464	0.0023	2.17	0.0000173	0.00464	0.00235	0.000993
2030 Apr	2730	0.032	0.0559	0.00548	1850	0.0552	162	0.00548	0.00548	0.000136	0.0547	0.55	0.817	0.547	0.00272	2.17	0.0000204	0.00547	0.00277	0.00116
2030 May	3050	0.0349	0.0622	0.00612	2070	0.0615	181	0.00612	0.00612	0.000152	0.061	0.548	0.912	0.611	0.00304	2.06	0.0000226	0.00611	0.00308	0.00128
2030 Jun	2740	0.253	0.945	0.0287	1070	0.0917	159	0.00257	0.00257	0.0000563	0.027	0.188	0.425	0.221	0.00105	14.9	0.0000392	0.00265	0.00128	0.00206
2030 Jul	5170	0.682	2.63	0.0756	1290	0.19	297	0.00111	0.00111	0.0000254	0.0171	0.0287	0.421	0.0967	0.000395	31	0.0000685	0.00214	0.000912	0.00419
2030 Aug	6500	0.815	3.14	0.0905	1770	0.229	375	0.00178	0.00178	0.0000468	0.0256	0.0327	0.606	0.184	0.000825	34.6	0.0000777	0.00321	0.00142	0.00499
2030 Sep	6740	0.8	3.07	0.089	2000	0.23	389	0.00248	0.00248	0.0000656	0.0328	0.0451	0.712	0.259	0.00121	33.2	0.0000785	0.00393	0.00178	0.00499
2030 Oct	6490	0.813	3.09	0.0893	1810	0.228	375	0.00192	0.00192	0.0000506	0.0273	0.0246	0.625	0.2	0.000905	34.4	0.0000781	0.00335	0.00149	0.00496
2030 Nov	5570	0.693	2.58	0.0747	1610	0.199	322	0.00205	0.00205	0.0000508	0.0271	0.0155	0.57	0.2	0.000914	30.7	0.0000682	0.00313	0.00142	0.00432
2030 Dec	5380	0.625	2.31	0.0675	1720	0.187	311	0.00267	0.00267	0.0000659	0.0326	0.0159	0.631	0.261	0.00122	27.8	0.0000641	0.00362	0.00168	0.00404
2031 Jan	5320	0.577	2.12	0.0625	1840	0.179	309	0.00322	0.00322	0.0000793	0.0375	0.0165	0.691	0.315	0.0015	25.7	0.0000616	0.00407	0.00192	0.00386
2031 Feb	5310	0.54	1.97	0.0587	1960	0.173	309	0.00366	0.00366	0.0000904	0.0415	0.017	0.743	0.36	0.00173	24.2	0.0000597	0.00446	0.00212	0.00373
2031 Mar	5310	0.508	1.85	0.0555	2070	0.168	309	0.00405	0.00405	0.0001	0.0451	0.0175	0.788	0.399	0.00193	22.7	0.0000581	0.00479	0.0023	0.00362
2031 Apr	5310	0.48	1.74	0.0527	2170	0.164	310	0.00441	0.00441	0.000109	0.0484	0.0314	0.831	0.436	0.00211	21.5	0.0000568	0.00511	0.00246	0.00352
2031 May	5220	0.466	1.69	0.0512	2150	0.16	304	0.0044	0.0044	0.000109	0.048	0.0724	0.82	0.434	0.0021	21.9	0.000056	0.00507	0.00246	0.00347

Appendix D.2-11: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Jun	3390	0.404	1.44	0.0421	1090	0.12	197	0.00201	0.00201	0.0000419	0.0223	0.0277	0.389	0.174	0.000743	29.9	0.0000485	0.00238	0.00127	0.00295
2031 Jul	4820	0.555	2.06	0.0602	1540	0.164	280	0.0024	0.0024	0.0000559	0.0283	0.0375	0.541	0.226	0.00102	31.2	0.0000609	0.00317	0.00157	0.00378
2031 Aug	6760	0.868	3.35	0.096	1770	0.239	389	0.0014	0.0014	0.0000379	0.0225	0.0267	0.576	0.149	0.000642	37.2	0.0000814	0.00295	0.00128	0.00522
2031 Sep	5270	0.727	2.69	0.0772	1300	0.2	303	0.00101	0.00101	0.0000231	0.0168	0.0161	0.415	0.0893	0.000348	33.4	0.000068	0.00208	0.000884	0.00436
2031 Oct	3710	0.532	1.84	0.0531	964	0.151	215	0.00118	0.00118	0.0000221	0.0159	0.00793	0.315	0.0852	0.000335	27.5	0.0000517	0.00167	0.000738	0.00331
2031 Nov	3430	0.451	1.51	0.0442	1050	0.136	199	0.00178	0.00178	0.0000363	0.0211	0.00787	0.365	0.142	0.000628	24.3	0.0000465	0.0021	0.000971	0.00296
2031 Dec	3500	0.416	1.38	0.041	1220	0.132	204	0.00233	0.00233	0.0000504	0.0263	0.00891	0.436	0.199	0.000918	22.4	0.0000451	0.0026	0.00123	0.00285
2032 Jan	3610	0.39	1.29	0.0387	1370	0.129	211	0.00282	0.00282	0.0000631	0.0309	0.00991	0.502	0.25	0.00118	21	0.0000443	0.00307	0.00147	0.00278
2032 Feb	3700	0.369	1.21	0.0368	1510	0.127	217	0.00324	0.00324	0.0000739	0.0349	0.0108	0.559	0.294	0.0014	19.9	0.0000437	0.00347	0.00168	0.00273
2032 Mar	3800	0.351	1.15	0.0352	1630	0.125	222	0.00361	0.00361	0.0000835	0.0384	0.0115	0.61	0.332	0.00159	18.9	0.0000432	0.00382	0.00186	0.00269
2032 Apr	3880	0.334	1.09	0.0339	1740	0.123	228	0.00395	0.00395	0.0000923	0.0417	0.0123	0.657	0.368	0.00177	18	0.0000428	0.00415	0.00203	0.00265
2032 May	4010	0.328	1.07	0.0335	1840	0.124	235	0.00423	0.00423	0.0000997	0.0445	0.0424	0.7	0.398	0.00193	17.4	0.0000431	0.00444	0.00218	0.00266
2032 Jun	2940	0.321	1.16	0.0345	1020	0.106	171	0.00212	0.00212	0.0000432	0.0229	0.0279	0.368	0.168	0.000773	18.8	0.0000436	0.00222	0.00105	0.00238
2032 Jul	3810	0.492	1.88	0.0542	1000	0.143	219	0.00124	0.00124	0.0000238	0.0161	0.0156	0.329	0.0896	0.00037	24.9	0.0000557	0.00175	0.000766	0.00319
2032 Aug	4930	0.65	2.46	0.0707	1270	0.187	284	0.00122	0.00122	0.0000273	0.0173	0.0186	0.415	0.105	0.000434	30.9	0.0000609	0.00214	0.000921	0.00401
2032 Sep	5930	0.723	2.74	0.0793	1730	0.208	343	0.00199	0.00199	0.00005	0.0265	0.0342	0.582	0.197	0.000894	31.8	0.00007	0.00317	0.00142	0.0045
2032 Oct	6310	0.727	2.75	0.0801	1980	0.212	365	0.00259	0.00259	0.0000665	0.033	0.0304	0.683	0.263	0.00123	30.9	0.0000725	0.00384	0.00175	0.00459
2032 Nov	5390	0.582	2.14	0.0629	1880	0.179	313	0.00306	0.00306	0.0000752	0.0359	0.0221	0.669	0.298	0.00142	26	0.0000615	0.00392	0.00183	0.00387
2032 Dec	4500	0.485	1.71	0.0507	1630	0.154	262	0.00295	0.00295	0.0000694	0.0335	0.0164	0.587	0.275	0.0013	23.4	0.0000528	0.0035	0.00166	0.00332
2033 Jan	4440	0.442	1.54	0.0462	1740	0.147	259	0.00345	0.00345	0.0000818	0.038	0.0167	0.643	0.325	0.00155	21.7	0.0000506	0.00392	0.00189	0.00316
2033 Feb	4440	0.412	1.43	0.0434	1830	0.142	259	0.00387	0.00387	0.0000925	0.0419	0.0172	0.695	0.369	0.00178	20.6	0.0000493	0.00431	0.00209	0.00307
2033 Mar	4460	0.388	1.34	0.041	1930	0.139	261	0.00425	0.00425	0.000102	0.0454	0.0176	0.743	0.407	0.00197	19.5	0.0000483	0.00465	0.00227	0.003
2033 Apr	4480	0.367	1.26	0.0391	2010	0.136	263	0.0046	0.0046	0.000111	0.0487	0.018	0.788	0.443	0.00215	18.4	0.0000475	0.00497	0.00244	0.00294
2033 May	3580	0.325	1.09	0.0334	1530	0.115	210	0.00358	0.00358	0.0000822	0.0374	0.0317	0.595	0.334	0.00157	23.5	0.0000436	0.00381	0.00197	0.00268
2033 Jun	3160	0.41	1.46	0.0424	910	0.118	183	0.00153	0.00153	0.0000293	0.0175	0.0193	0.315	0.124	0.000488	30.8	0.0000481	0.0019	0.00103	0.00292
2033 Jul	4470	0.573	2.13	0.0616	1230	0.162	258	0.00159	0.00159	0.0000347	0.0203	0.0235	0.422	0.142	0.000589	33.2	0.0000608	0.00237	0.00117	0.00376
2033 Aug	6500	0.79	3.03	0.0875	1870	0.224	375	0.00219	0.00219	0.000057	0.0296	0.0392	0.655	0.227	0.00103	34.7	0.0000779	0.00359	0.00164	0.00492
2033 Sep	5000	0.699	2.56	0.0735	1230	0.192	288	0.00104	0.00104	0.0000231	0.0167	0.0159	0.4	0.0892	0.000348	32.6	0.0000657	0.00202	0.000865	0.0042
2033 Oct	3550	0.544	1.88	0.054	815	0.151	205	0.000782	0.000782	0.0000117	0.0121	0.00521	0.257	0.0437	0.000124	28.5	0.0000516	0.00128	0.000538	0.00332
2033 Nov	3270	0.489	1.65	0.0476	819	0.14	189	0.00109	0.00109	0.0000184	0.0144	0.00528	0.272	0.0707	0.000263	26.4	0.0000477	0.00144	0.000638	0.00306
2033 Dec	3300	0.473	1.59	0.0462	892	0.138	191	0.00136	0.00136	0.0000253	0.017	0.00585	0.308	0.0984	0.000404	25.5	0.0000471	0.00169	0.000766	0.00301
2034 Jan	3310	0.465	1.56	0.0455	929	0.137	192	0.00149	0.00149	0.0000288	0.0183	0.00613	0.326	0.112	0.000475	25.2	0.0000469	0.00182	0.000831	0.00299
2034 Feb	3310	0.465	1.56	0.0454	927	0.137	192	0.00149	0.00149	0.0000287	0.0182	0.00613	0.325	0.112	0.000474	25.2	0.0000468	0.00182	0.000832	0.00299
2034 Mar	3310	0.464	1.56	0.0454	926	0.137	192	0.00149	0.00149	0.0000287	0.0182	0.00613	0.325	0.112	0.000474	25.2	0.0000468	0.00182	0.000832	0.00299
2034 Apr	3310	0.465	1.56	0.0454	927	0.137	192	0.00149	0.00149	0.0000287	0.0182	0.00613	0.325	0.112	0.000474	25.3	0.0000468	0.00182	0.000833	0.00299
2034 May	3210	0.451	1.51	0.044	881	0.133	186	0.00143	0.00143	0.0000267	0.0174	0.0294	0.309	0.106	0.000433	26.4	0.0000465	0.00174	0.000824	0.00296
2034 Jun	2610	0.369	1.24	0.0357	601	0.109	152	0.001	0.001	0.0000139	0.0117	0.0169	0.208	0.0633	0.000174	32.1	0.0000441	0.00123	0.000728	0.00275
2034 Jul	3600	0.479	1.72	0.0493	755	0.145	208	0.000821	0.000821	0.0000121	0.0115	0.0222	0.26	0.0526	0.000128	34.2	0.0000539	0.00137	0.000712	0.00344
2034 Aug	5550	0.703	2.66	0.0758	1070	0.212	319	0.000466	0.000466	0.00000954	0.0116	0.0416	0.366	0.0377	0.0000631	39.3	0.0000739	0.00171	0.000735	0.00477
2034 Sep	4480	0.6	2.15	0.0614	842	0.183	258	0.000455	0.000455	0.00000648	0.0105	0.0165	0.288	0.0228	0.0000103	33.1	0.0000624	0.00132	0.000524	0.00402
2034 Oct	2700	0.405	1.29	0.0371	508	0.128	157	0.000667	0.000667	0.00000577	0.00965	0.00404	0.177	0.02	0.00000605	26.1	0.0000434	0.000864	0.000361	0.0028
2034 Nov	2430	0.375	1.15	0.0333	456	0.119	141	0.000703	0.000703	0.00000569	0.00953	0.00356	0.16	0.0197	0.00000594	25	0.0000404	0.000794	0.000337	0.00261
2034 Dec	2390	0.371	1.14	0.0329	449	0.118	139	0.000707	0.000707	0.00000568	0.00952	0.00352	0.157	0.0196	0.00000593	24.9	0.0000401	0.000785	0.000334	0.00259
2035 Jan	2380	0.369	1.13	0.0327	446	0.117	138	0.000709	0.000709	0.00000568	0.00951	0.00351	0.156	0.0198	0.00000592	24.9	0.0000399	0.000783	0.000335	0.00258
2035 Feb	2370	0.368	1.12	0.0325	445	0.117	137	0.00071	0.00071	0.00000567	0.00949	0.00351	0.156	0.0199	0.00000592	25.1	0.0000398	0.000783	0.000338	0.00258
2035 Mar	2360	0.368	1.12	0.0325	444	0.117	137	0.000711	0.000711	0.00000567	0.00949	0.0035	0.156	0.0201	0.00000591	25.1	0.0000398	0.000782	0.00034	0.00258
2035 Apr	2360	0.368	1.12	0.0325	444	0.117	137	0.000712	0.000712	0.00000568	0.00949	0.00351	0.155	0.0202	0.00000592	25.2	0.0000398	0.000783	0.000342	0.00258
2035 May	2490	0.378	1.17	0.0338	462	0.12	144	0.000702	0.000702	0.00000574	0.00956	0.0329	0.163	0.0208	0.000006	26.1	0.0000413	0.000819	0.000361	0.00267
2035 Jun	2230	0.274	0.951	0.0275	375	0.0973	128	0.000721	0.000721	0.0000056	0.00858	0.0168	0.146	0.0224	0.00000582	25.6	0.0000424	0.000797	0.000419	0.00237
2035 Jul	3180	0.369	1.35	0.0387	528	0.13	183	0.000637	0.000637	0.00000605	0.00936	0.0222	0.206	0.0225	0.00000638	28.7	0.0000526	0.00103	0.000475	0.00304
2035 Aug	6690	0.73	2.81	0.08	1090	0.25	384	0.000179	0.000179	0.00000698	0.0111	0.0211	0.425	0.0243	0.00000767	41.5	0.0000857	0.00187	0.000715	0.00549
2035 Sep	4070	0.488	1.7	0.0488	667	0.17	234	0.000496	0.000496	0.00000616	0.01	0.0131	0.262	0.0212	0.00000658	31.2	0.0000573	0.00121	0.000478	0.00372
2035 Oct	5430	0.622	2.28	0.065	889	0.212	312	0.000321	0.000321	0.00000654	0.0108	0.0125	0.347	0.0227	0.0000071	36.5	0.0000726	0.00155	0.000598	0.00466
2035 Nov	4720	0.554	1.98	0.0565	773	0.19	271	0.000408	0.000408	0.00000632	0.0105	0.0075	0.302	0.0219	0.00000681	33.7	0.0000649	0.00137	0.000536	0.00417
2035 Dec	4500	0.533	1.89	0.0539	738	0.183	259	0.000436	0.000436	0.00000626	0.0104	0.00721	0.289	0.0217	0.00000672	32.9	0.0000626	0.00131	0.000517	0.00402
2036 Jan	4460	0.529	1.87	0.0534	730	0.182	257	0.000441	0.000441	0.00000625	0.0103	0.00715	0.286	0.0219	0.00000671	32.9	0.0000621	0.0013	0.000517	0.00399
2036 Feb	4440	0.527	1.86	0.0531	727	0.181	255	0.000444	0.000444	0.00000624	0.0103	0.00713	0.284	0.0221	0.0000067	33	0.0000619	0.0013	0.000521	0.00398
2036 Mar	4420	0.526	1.85	0.0529	724	0.181	254	0.000446	0.000446	0.00000624	0.0103	0.00712	0.284	0.0223	0.00000669	33.1	0.0000617	0.0013	0.000523	0.00398
2036 Apr	4440	0.527	1.86	0.0531	727	0.181	256	0.000445	0.000445	0.00000625	0.0103	0.0241	0.285	0.0225	0.00000671	33.3	0.000062	0.0013	0.000527	0.00399
2036 May	4530	0.534	1.88	0.0539	738	0.184	261	0.00044	0.00044	0.0000063	0.0104	0.0685	0.29	0.0227	0.00000677	33.8	0.000063	0.00133	0.000537	0.00406
2036 Jun	3480	0.368	1.35	0.0388	528	0.141	200	0.000566	0.000566	0.00000598	0.0095	0.0282	0.225	0.0188	0.00000633	27	0.0000548	0.00106	0.000428	0.00318
2036 Jul	4390	0.429	1.63	0.0468	637	0.173	252	0.00047	0.00047	0.00000633	0.0097	0.0241	0.281	0.02	0.00000679	30.5	0.0000626	0.00128	0.000501	0.00384
2036 Aug	6100	0.582	2.25	0.064	874	0.231	350	0.000265	0.000265	0.00000687	0.0107	0.0415	0.388	0.0229	0.0000075	38.3	0.0000792	0.00171	0.000654	0.00508
2036 Sep	6920	0.667	2.54	0.0723	990	0.259	397	0.00014	0.00014	0.000007	0.0114	0.0233	0.44	0.0243	0.00000772	42.3	0.0000884	0.00192	0.000728	0.00568
2036 Oct	3170	0.365	1.16	0.0334	456	0.142	183	0.00061	0.00061	0.00000591	0.00987	0.00728	0.206	0.0205	0.00000624	27.9	0.0000484	0.000981	0.000402	0.00312
2036 Nov	3270	0.373	1.19	0.0344	470	0.145	189	0.000596	0.000596	0.00000593	0.00989	0.00574	0.212	0.0205	0.00000626	28.3	0.0000494	0.001	0.00041	0.00318
2036 Dec	3010	0.352	1.1	0.0317	433	0.137	174	0.000628	0.000628	0.00000585	0.00977	0.00506	0.196	0.0202	0.00000616	27.2	0.0000466	0.000939	0.000387	0.003
2037 Jan	2950	0.347	1.07	0.031	425	0.135	170	0.000635	0.000635	0.00000583	0.00973	0.00499	0.192	0.0206	0.00000613	27.3	0.000046	0.000928	0.000389	0.00297
2037 Feb	2920	0.345	1.06	0.0308	421	0.134	169	0.000639	0.000639	0.00000582	0.00969	0.00497	0.19	0.021	0.00000612	27.6	0.0000458	0.000926	0.000396	0.00296
2037 Mar	2910	0.344	1.06	0.0306	419	0.133	168	0.000641	0.000641	0.00000582	0.00968	0.00496	0.189	0.0213	0.00000612	27.7	0.0000457	0.000925	0.000401	0.00296
2037 Apr	2900	0.343	1.06	0.0306	418	0.133	168	0.000643	0.000643	0.00000582	0.00967	0.00496	0.189	0.0215	0.00000612	27.9	0.0000456	0.000925	0.000404	0.00296
2037 May	2650	0.312	0.966	0.0279	371	0.119	154	0.000676	0.000676	0.00000575	0.00913	0.00438	0.172	0.027	0.00000603	31	0.0000444	0.00092	0.000505	0.00284
2037 Jun	1070	0.116	0.389	0.0117	142	0.0603	62.9	0.000868	0.000868	0.00000529	0.00469	0.00152	0.0697	0.0152	0.00000539	16.1	0.0000204	0.00043	0.000252	0.0016
2037 Jul	403	0.0444	0.144	0.00489	55.8	0.0385	24.7	0.000955	0.000955	0.00000512	0.0033	0.000673	0.0272	0.00965	0.00000516	9.63	0.0000105	0.000216	0.000123	0.00109
2037 Aug	278	0.0312	0.0982	0.00361	40	0.0345	17.6	0.000973	0.000973	0.0000051	0.00312	0.000519	0.0196	0.00881	0.00000512	8.57	0.00000861	0.000161	0.000108	0.000972
2037 Sep	223	0.0254	0.0779	0.00304	33.1	0.0327	14.6	0.00098	0.00098	0.00000508	0.00308	0.000449	0.0164	0.00853	0.0000051	8.19	0.0000078	0.000124	0.000107	0.000911
2037 Oct	215	0.0245	0.0748	0.00296	32.1	0.0324	14.2	0.00098	0.00098	0.00000507	0.00307	0.000434	0.016	0.00846	0.00000509	8.12	0.00000765	0.000114	0.000107	0.000902

Appendix D.2-11: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Nov	217	0.0248	0.0756	0.00298	32.4	0.0325	14.3	0.000979	0.000979	0.00000507	0.00308	0.000436	0.0161	0.00847	0.00000509	8.14	0.00000769	0.000115	0.000107	0.000904
2037 Dec	217	0.0248	0.0756	0.00298	32.4	0.0325	14.3	0.000979	0.000979	0.00000507	0.00308	0.000437	0.0161	0.00848	0.00000509	8.14	0.00000769	0.000115	0.000107	0.000904
2038 Jan	217	0.0248	0.0756	0.00298	32.4	0.0325	14.3	0.000979	0.000979	0.00000507	0.00308	0.000437	0.0161	0.00848	0.00000509	8.14	0.00000769	0.000115	0.000107	0.000904
2038 Feb	217	0.0248	0.0756	0.00298	32.4	0.0325	14.3	0.000979	0.000979	0.00000507	0.00308	0.000437	0.0161	0.00848	0.00000509	8.14	0.00000769	0.000115	0.000107	0.000904
2038 Mar	217	0.0248	0.0756	0.00298	32.4	0.0325	14.3	0.000979	0.000979	0.00000507	0.00308	0.000437	0.0161	0.00848	0.00000509	8.14	0.00000769	0.000115	0.000107	0.000904
2038 Apr	218	0.0248	0.0756	0.00298	32.4	0.0325	14.3	0.00098	0.00098	0.00000507	0.00308	0.000437	0.0161	0.00848	0.00000509	8.14	0.00000769	0.000115	0.000107	0.000904
2038 May	222	0.0255	0.0774	0.00303	32.9	0.0326	14.6	0.00098	0.00098	0.00000508	0.0031	0.000447	0.0164	0.00862	0.0000051	8.26	0.0000078	0.000118	0.00011	0.00091
2038 Jun	243	0.0282	0.0851	0.00324	34.8	0.0331	15.7	0.000975	0.000975	0.00000507	0.00316	0.000486	0.0177	0.00911	0.00000509	8.71	0.00000827	0.000133	0.000118	0.000933
2038 Jul	211	0.0247	0.0732	0.00291	30.7	0.0322	13.8	0.000982	0.000982	0.00000508	0.00307	0.000447	0.0155	0.0088	0.0000051	8.36	0.00000779	0.000129	0.000109	0.000917
2038 Aug	192	0.0227	0.0663	0.00272	28.3	0.0316	12.8	0.000986	0.000986	0.00000508	0.00304	0.000423	0.0144	0.00863	0.0000051	8.16	0.0000075	0.000121	0.000105	0.000899
2038 Sep	180	0.0213	0.062	0.0026	26.8	0.0312	12.2	0.000987	0.000987	0.00000507	0.00304	0.000405	0.0138	0.00852	0.00000509	8.05	0.0000073	0.000109	0.000105	0.000882
2038 Oct	177	0.021	0.0606	0.00256	26.3	0.0311	12	0.000987	0.000987	0.00000507	0.00303	0.000399	0.0136	0.00848	0.00000509	8.01	0.00000723	0.000105	0.000105	0.000878
2038 Nov	177	0.021	0.0608	0.00256	26.4	0.0311	12	0.000987	0.000987	0.00000507	0.00303	0.000399	0.0136	0.00849	0.00000509	8.02	0.00000723	0.000105	0.000105	0.000878
2038 Dec	177	0.021	0.0608	0.00256	26.4	0.0311	12	0.000987	0.000987	0.00000507	0.00303	0.000399	0.0136	0.00849	0.00000509	8.02	0.00000724	0.000105	0.000105	0.000878
2039 Jan	177	0.021	0.0608	0.00256	26.4	0.0311	12	0.000987	0.000987	0.00000507	0.00303	0.000399	0.0136	0.00849	0.00000509	8.02	0.00000724	0.000105	0.000105	0.000878
2039 Feb	177	0.021	0.0608	0.00256	26.4	0.0311	12	0.000987	0.000987	0.00000507	0.00303	0.000399	0.0136	0.00849	0.00000509	8.02	0.00000724	0.000105	0.000105	0.000878
2039 Mar	177	0.021	0.0608	0.00256	26.4	0.0311	12	0.000987	0.000987	0.00000507	0.00303	0.000399	0.0136	0.00849	0.00000509	8.02	0.00000724	0.000105	0.000105	0.000878
2039 Apr	177	0.021	0.0608	0.00256	26.4	0.0311	12	0.000987	0.000987	0.00000507	0.00303	0.000399	0.0136	0.00849	0.00000509	8.02	0.00000724	0.000105	0.000105	0.000878
2039 May	178	0.0211	0.0609	0.00257	26.4	0.0312	12	0.000987	0.000987	0.00000507	0.00304	0.0004	0.0136	0.0085	0.00000509	8.03	0.00000724	0.000105	0.000105	0.000879
2039 Jun	186	0.0218	0.0639	0.00265	26.9	0.0313	12.4	0.000984	0.000984	0.00000507	0.00307	0.000411	0.0141	0.00848	0.00000508	8.03	0.00000749	0.000111	0.000104	0.000883
2039 Jul	190	0.022	0.0656	0.0027	26.8	0.0315	12.7	0.000982	0.000982	0.00000506	0.00307	0.000415	0.0144	0.0084	0.00000508	7.98	0.00000755	0.000116	0.000102	0.000888
2039 Aug	183	0.0212	0.0628	0.00262	25.8	0.0313	12.2	0.000983	0.000983	0.00000506	0.00306	0.000407	0.0139	0.00835	0.00000508	7.91	0.00000741	0.000112	0.000101	0.000881
2039 Sep	173	0.0201	0.0592	0.00252	24.7	0.031	11.7	0.000985	0.000985	0.00000506	0.00305	0.000394	0.0133	0.0083	0.00000507	7.84	0.00000725	0.000105	0.000101	0.00087
2039 Oct	169	0.0198	0.0578	0.00248	24.2	0.0308	11.5	0.000985	0.000985	0.00000506	0.00304	0.000389	0.0131	0.00828	0.00000507	7.82	0.00000719	0.000102	0.000101	0.000866
2039 Nov	169	0.0198	0.0578	0.00248	24.2	0.0308	11.5	0.000985	0.000985	0.00000506	0.00304	0.000389	0.0131	0.00828	0.00000507	7.82	0.00000719	0.000102	0.000101	0.000866
2039 Dec	169	0.0198	0.0578	0.00248	24.2	0.0308	11.5	0.000985	0.000985	0.00000506	0.00304	0.000389	0.0131	0.00828	0.00000507	7.82	0.00000719	0.000102	0.000101	0.000866
2040 Jan	169	0.0198	0.0578	0.00248	24.2	0.0308	11.5	0.000985	0.000985	0.00000506	0.00304	0.000389	0.0131	0.00828	0.00000507	7.82	0.00000719	0.000102	0.000101	0.000866
2040 Feb	169	0.0198	0.0578	0.00248	24.2	0.0308	11.5	0.000985	0.000985	0.00000506	0.00304	0.000389	0.0131	0.00828	0.00000507	7.82	0.00000719	0.000102	0.000101	0.000866
2040 Mar	169	0.0198	0.0578	0.00248	24.2	0.0308	11.5	0.000985	0.000985	0.00000506	0.00304	0.000389	0.0131	0.00828	0.00000507	7.82	0.00000719	0.000102	0.000101	0.000866
2040 Apr	169	0.0198	0.0578	0.00248	24.2	0.0308	11.5	0.000986	0.000986	0.00000506	0.00304	0.000389	0.0131	0.00828	0.00000507	7.82	0.00000719	0.000102	0.000101	0.000866
2040 May	170	0.0199	0.058	0.00249	24.3	0.0309	11.5	0.000986	0.000986	0.00000506	0.00305	0.00039	0.0132	0.0083	0.00000508	7.84	0.00000721	0.000102	0.000101	0.000867
2040 Jun	174	0.0205	0.0595	0.00253	24.4	0.0309	11.7	0.000984	0.000984	0.00000505	0.00307	0.000401	0.0134	0.00845	0.00000507	7.96	0.00000734	0.000107	0.000103	0.000872
2040 Jul	168	0.0198	0.0573	0.00246	23.6	0.0307	11.4	0.000985	0.000985	0.00000506	0.00304	0.000394	0.013	0.00837	0.00000507	7.88	0.00000724	0.000107	0.000101	0.000871
2040 Aug	161	0.0192	0.055	0.0024	22.9	0.0306	11	0.000987	0.000987	0.00000506	0.00303	0.000386	0.0126	0.00832	0.00000507	7.82	0.00000714	0.000105	0.0000997	0.000866
2040 Sep	156	0.0186	0.053	0.00234	22.2	0.0304	10.7	0.000988	0.000988	0.00000506	0.00303	0.000378	0.0123	0.00828	0.00000507	7.78	0.00000704	0.0001	0.0000999	0.000858
2040 Oct	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.000988	0.000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856
2040 Nov	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.000988	0.000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856
2040 Dec	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.000988	0.000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856
2041 Jan	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.000988	0.000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856
2041 Feb	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.000988	0.000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856
2041 Mar	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.000988	0.000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856
2041 Apr	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.000988	0.000988	0.00000506	0.00302	0.000374	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000976	0.0000999	0.000856
2041 May	153	0.0183	0.0519	0.00231	21.9	0.0303	10.6	0.000989	0.000989	0.00000506	0.00302	0.000374	0.0121	0.00827	0.00000507	7.77	0.000007	0.0000976	0.0001	0.000856
2041 Jun	154	0.0183	0.0522	0.00232	21.8	0.0303	10.6	0.000987	0.000987	0.00000505	0.00303	0.000376	0.0122	0.00826	0.00000507	7.76	0.00000707	0.0000995	0.0000993	0.000856
2041 Jul	154	0.0182	0.0522	0.00232	21.4	0.0302	10.6	0.000986	0.000986	0.00000505	0.00303	0.000376	0.0121	0.00821	0.00000506	7.71	0.00000708	0.000102	0.0000977	0.000857
2041 Aug	148	0.0177	0.0502	0.00227	20.9	0.0301	10.3	0.000988	0.000988	0.00000505	0.00302	0.000369	0.0118	0.00818	0.00000506	7.67	0.000007	0.0000998	0.000097	0.000853
2041 Sep	144	0.0172	0.0485	0.00222	20.4	0.0299	10	0.000989	0.000989	0.00000505	0.00301	0.000363	0.0115	0.00816	0.00000506	7.64	0.00000692	0.0000958	0.0000972	0.000847
2041 Oct	142	0.017	0.0478	0.0022	20.1	0.0299	9.93	0.000989	0.000989	0.00000505	0.00301	0.00036	0.0114	0.00815	0.00000506	7.63	0.00000688	0.000094	0.0000972	0.000845
2041 Nov	142	0.017	0.0478	0.0022	20.1	0.0299	9.93	0.000989	0.000989	0.00000505	0.00301	0.00036	0.0114	0.00815	0.00000506	7.63	0.00000688	0.000094	0.0000973	0.000845
2041 Dec	142	0.017	0.0478	0.0022	20.1	0.0299	9.93	0.000989	0.000989	0.00000505	0.00301	0.000361	0.0114	0.00815	0.00000506	7.63	0.00000689	0.000094	0.0000973	0.000845
2042 Jan	142	0.017	0.0478	0.0022	20.1	0.0299	9.93	0.000989	0.000989	0.00000505	0.00301	0.000361	0.0114	0.00815	0.00000506	7.63	0.00000689	0.000094	0.0000973	0.000845
2042 Feb	142	0.017	0.0478	0.0022	20.1	0.0299	9.93	0.000989	0.000989	0.00000505	0.00301	0.000361	0.0114	0.00815	0.00000506	7.63	0.00000689	0.000094	0.0000973	0.000845
2042 Mar	142	0.017	0.0478	0.0022	20.1	0.0299	9.93	0.000989	0.000989	0.00000505	0.00301	0.000361	0.0114	0.00815	0.00000506	7.63	0.00000689	0.000094	0.0000973	0.000845
2042 Apr	142	0.017	0.0478	0.0022	20.1	0.0299	9.93	0.000989	0.000989	0.00000505	0.00301	0.000361	0.0114	0.00815	0.00000506	7.64	0.00000689	0.0000941	0.0000973	0.000846
2042 May	142	0.0171	0.0479	0.0022	20.2	0.0299	9.95	0.00099	0.00099	0.00000505	0.00301	0.000361	0.0114	0.00816	0.00000507	7.64	0.00000689	0.0000941	0.0000974	0.000846
2042 Jun	142	0.017	0.0479	0.0022	20	0.0299	9.94	0.000989	0.000989	0.00000505	0.00301	0.000361	0.0114	0.00814	0.00000506	7.62	0.0000069	0.0000951	0.0000967	0.000846
2042 Jul	140	0.0168	0.0471	0.00218	19.6	0.0298	9.8	0.000989	0.000989	0.00000505	0.003	0.000358	0.0112	0.0081	0.00000506	7.58	0.00000686	0.0000962	0.0000954	0.000846
2042 Aug	137	0.0165	0.046	0.00215	19.3	0.0297	9.63	0.000989	0.000989	0.00000504	0.00299	0.000355	0.0111	0.00807	0.00000506	7.55	0.00000681	0.0000951	0.0000948	0.000843
2042 Sep	133	0.0161	0.0447	0.00211	18.9	0.0296	9.44	0.000989	0.000989	0.00000504	0.00299	0.00035	0.0109	0.00806	0.00000505	7.53	0.00000674	0.000092	0.000095	0.000838
2042 Oct	132	0.0159	0.0441	0.00209	18.7	0.0295	9.34	0.000989	0.000989	0.00000504	0.00298	0.000347	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000904	0.0000951	0.000836
2042 Nov	132	0.0159	0.0441	0.00209	18.7	0.0295	9.34	0.000989	0.000989	0.00000504	0.00299	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000904	0.0000951	0.000836
2042 Dec	132	0.0159	0.0441	0.00209	18.7	0.0295	9.34	0.000989	0.000989	0.00000504	0.00299	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000904	0.0000951	0.000836
2043 Jan	132	0.0159	0.0441	0.00209	18.7	0.0295	9.34	0.000989	0.000989	0.00000504	0.00299	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000904	0.0000951	0.000836
2043 Feb	132	0.0159	0.0441	0.00209	18.7	0.0295	9.34	0.000989	0.000989	0.00000504	0.00299	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000904	0.0000951	0.000836
2043 Mar	132	0.0159	0.0441	0.00209	18.7	0.0295	9.34	0.000989	0.000989	0.00000504	0.00299	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000904	0.0000951	0.000836
2043 Apr	132	0.0159	0.0441	0.00209	18.7	0.0295	9.34	0.000989	0.000989	0.00000504	0.00299	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000905	0.0000951	0.000836
2043 May	132	0.016	0.0441	0.0021	18.7	0.0296	9.35	0.000989	0.000989	0.00000504	0.00299	0.000348	0.0108	0.00806	0.00000505	7.53	0.00000672	0.0000906	0.0000952	0.000837
2043 Jun	131	0.0159	0.0437	0.00208	18.5	0.0295	9.28	0.000989	0.000989	0.00000504	0.00299	0.000348	0.0107	0.00808	0.00000505	7.54	0.00000672	0.0000914	0.0000952	0.000837
2043 Jul	127	0.0155	0.0424	0.00205	18.2	0.0294	9.07	0.00099	0.00099	0.00000504	0.00298	0.000345	0.0104	0.00805	0.00000505	7.51	0.00000667	0.000092	0.0000941	0.000837
2043 Aug	125	0.0153	0.0415	0.00202	17.9	0.0294	8.93	0.000992	0.000992	0.00000505	0.00297	0.000342	0.0103	0.00804	0.00000506	7.49	0.00000664	0.0000917	0.0000936	0.000836
2043 Sep	125	0.0153	0.0415	0.00202	17.9	0.0294	8.94	0.000992	0.000992	0.00000505	0.00297	0.000342	0.0103	0.00804	0.00000506	7.49	0.00000664	0.0000916	0.0000936	0.000836
2043 Oct	125	0.0153	0.0415	0.00203	17.9	0.0294	8.94	0.000992	0.000992	0.00000505	0.00297	0.000343	0.0103	0.00804	0.00000506	7.49	0.00000664	0.0000917	0.0000936	0.000836
2043 Nov	125	0.0154	0.0415	0.00203	17.9	0.0294	8.94	0.000992	0.000992	0.00000505	0.00297	0.000343	0.0103	0.00805	0.00000506	7.5	0.00000664	0.0000917	0.0000936	0.000836
2043 Dec	125	0.0154	0.0415	0.00203	17.9	0.0294	8.94	0.000992	0.000992	0.00000505	0.00297	0.000343	0.0103	0.00805	0.00000506	7.5	0.00000664	0.0000917	0.0000936	0.000836

Appendix D.2-11: WN01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0214	0.00000165	5.24	2.01	0.011	0.00192	113	0.00372	0.00271	0.0000275	0.000783	0.000149	0.363	0.00000211	0.000737	0.000735	0.000174	2.81E-21
Operation (2026-2036): Mean	0.0651	0.0000243	14.3	13.2	0.11	0.01	428	0.0314	0.0251	0.000215	0.00242	0.000665	1.13	0.0000733	0.00261	0.0153	0.00195	0.00444
Operation (2026-2036): Max	0.159	0.0000403	29.4	21.9	0.196	0.0304	945	0.0569	0.0417	0.000643	0.00548	0.00107	2.62	0.000304	0.00429	0.0609	0.00281	0.0181
Active Closure (2037-2043): Min	0.0145	0.00000145	1.06	1.41	0.00663	0.000155	7.14	0.00129	0.00563	0.0000357	0.0000577	0.0000555	0.0438	0.00000201	0.0000708	0.000104	0.000863	2.77E-24
Active Closure (2037-2043): Mean	0.0169	0.00000302	1.48	2.11	0.0139	0.000345	16.2	0.00306	0.00789	0.000058	0.000129	0.0000872	0.0752	0.00000202	0.000192	0.000173	0.000937	1.6E-22
Active Closure (2037-2043): Max	0.0571	0.0000227	6.48	10.3	0.108	0.00272	128	0.0246	0.0398	0.00028	0.000975	0.000463	0.444	0.00000216	0.00168	0.0011	0.00193	2.75E-21
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2043)																		
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jan	0.0401	0.00000165	7.14	2.01	0.011	0.00735	229	0.00372	0.00271	0.000164	0.00133	0.000149	0.636	0.0000735	0.000737	0.0147	0.000174	0.00437
2030 Feb	0.0921	0.00000376	16.6	4.63	0.024	0.0171	533	0.00866	0.00578	0.000375	0.00309	0.000347	1.48	0.000171	0.00172	0.0343	0.000395	0.0102
2030 Mar	0.122	0.00000498	22.3	6.16	0.0307	0.0231	717	0.0116	0.00724	0.000497	0.00416	0.000466	1.99	0.000231	0.00231	0.0462	0.000519	0.0137
2030 Apr	0.143	0.00000582	26.4	7.22	0.0349	0.0272	847	0.0137	0.00807	0.000581	0.00491	0.00055	2.35	0.000272	0.00273	0.0545	0.000603	0.0162
2030 May	0.159	0.00000644	29.4	8.01	0.0377	0.0304	945	0.0153	0.00859	0.000643	0.00548	0.000613	2.62	0.000304	0.00304	0.0609	0.000665	0.0181
2030 Jun	0.0774	0.0000163	13.8	8.54	0.0668	0.0119	434	0.0195	0.0243	0.000278	0.00255	0.000482	1.15	0.000106	0.002	0.0216	0.00185	0.00623
2030 Jul	0.0439	0.0000309	13.4	16.3	0.143	0.00777	427	0.0414	0.0169	0.000141	0.00233	0.000806	0.995	0.0000409	0.00306	0.0091	0.00252	0.00231
2030 Aug	0.0591	0.000035	19.2	20.1	0.169	0.0128	619	0.0508	0.00935	0.000207	0.00335	0.00102	1.48	0.0000838	0.00399	0.0178	0.0025	0.00486
2030 Sep	0.0754	0.0000344	22.6	20.5	0.169	0.0165	729	0.0515	0.00772	0.000277	0.00399	0.00107	1.79	0.000122	0.00429	0.0255	0.00245	0.00714
2030 Oct	0.0628	0.0000345	19.8	20	0.167	0.0136	638	0.0505	0.0103	0.000216	0.00346	0.00102	1.54	0.0000918	0.00402	0.0194	0.00245	0.00534
2030 Nov	0.0666	0.0000303	18.2	17.3	0.142	0.013	581	0.0429	0.0166	0.000214	0.00317	0.000888	1.43	0.0000927	0.00352	0.0194	0.00222	0.0054
2030 Dec	0.0811	0.0000281	20.2	16.5	0.131	0.0157	645	0.0403	0.0172	0.000273	0.00357	0.000875	1.62	0.000124	0.00355	0.0255	0.00209	0.00724
2031 Jan	0.094	0.0000266	22.3	16.2	0.124	0.0181	714	0.0388	0.017	0.000329	0.00395	0.000877	1.83	0.000151	0.00363	0.0309	0.002	0.00899
2031 Feb	0.105	0.0000254	24.3	16	0.12	0.0202	778	0.0377	0.0168	0.000377	0.00427	0.000882	2.02	0.000174	0.0037	0.0354	0.00193	0.0105
2031 Mar	0.114	0.0000244	26	15.8	0.116	0.022	834	0.0368	0.0165	0.000417	0.00455	0.000887	2.18	0.000194	0.00378	0.0394	0.00187	0.0119
2031 Apr	0.123	0.0000235	27.7	15.7	0.112	0.0237	887	0.0361	0.0162	0.000454	0.00482	0.000894	2.33	0.000212	0.00385	0.043	0.00182	0.0131
2031 May	0.126	0.0000231	27.5	15.6	0.113	0.0235	880	0.0353	0.0173	0.000491	0.00477	0.000881	2.33	0.000211	0.00378	0.0428	0.00183	0.0131

Appendix D.2-11: WN01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Jun	0.0943	0.0000212	13.6	12.1	0.125	0.00957	411	0.0256	0.0317	0.00055	0.00229	0.000589	1.1	0.0000757	0.00221	0.016	0.00209	0.00465
2031 Jul	0.0927	0.0000266	18.5	15.7	0.143	0.0132	580	0.036	0.0233	0.000468	0.00312	0.000794	1.49	0.000103	0.0031	0.0215	0.00227	0.00651
2031 Aug	0.0513	0.0000366	18.8	21	0.18	0.0113	606	0.053	0.00873	0.000186	0.00315	0.00104	1.43	0.0000657	0.00402	0.0143	0.0026	0.00415
2031 Sep	0.0426	0.0000314	13.6	16.8	0.144	0.00754	430	0.042	0.0203	0.000104	0.00223	0.000812	1.01	0.0000363	0.00308	0.00812	0.00229	0.00223
2031 Oct	0.048	0.0000245	10.6	12.3	0.102	0.00628	328	0.0294	0.0313	0.0000955	0.0017	0.000585	0.799	0.0000349	0.00222	0.00752	0.00191	0.00215
2031 Nov	0.0622	0.0000219	12.6	11.2	0.0877	0.00873	389	0.0259	0.0328	0.000151	0.00203	0.000553	0.996	0.0000642	0.00218	0.0132	0.00175	0.00407
2031 Dec	0.0749	0.0000208	15.1	11.2	0.0835	0.0114	473	0.0254	0.0317	0.000207	0.00247	0.000573	1.23	0.000093	0.00233	0.019	0.00169	0.00596
2032 Jan	0.0865	0.00002	17.5	11.4	0.0813	0.0138	550	0.0252	0.0305	0.00026	0.00288	0.000597	1.45	0.000119	0.00249	0.0241	0.00164	0.00766
2032 Feb	0.0965	0.0000194	19.5	11.5	0.08	0.0159	616	0.0251	0.0295	0.000306	0.00323	0.000619	1.64	0.000141	0.00263	0.0285	0.0016	0.0091
2032 Mar	0.105	0.0000189	21.3	11.6	0.0786	0.0178	675	0.025	0.0285	0.000346	0.00354	0.000639	1.81	0.00016	0.00275	0.0324	0.00157	0.0104
2032 Apr	0.113	0.0000184	23	11.8	0.0774	0.0195	730	0.025	0.0276	0.000383	0.00383	0.000658	1.96	0.000178	0.00287	0.036	0.00154	0.0116
2032 May	0.12	0.0000182	24.5	12	0.0776	0.021	779	0.0254	0.0266	0.000413	0.00409	0.000681	2.1	0.000194	0.003	0.039	0.00153	0.0126
2032 Jun	0.0687	0.000019	12.8	9.45	0.075	0.00948	397	0.0214	0.0303	0.000221	0.00217	0.00049	1.04	0.0000786	0.00196	0.0161	0.00204	0.00502
2032 Jul	0.0472	0.0000249	11	12.3	0.107	0.00645	343	0.0301	0.025	0.000144	0.00188	0.000603	0.829	0.0000385	0.00228	0.00837	0.00237	0.00238
2032 Aug	0.0443	0.0000295	13.7	15.7	0.133	0.00803	433	0.039	0.0177	0.000121	0.00225	0.000771	1.03	0.0000449	0.00293	0.00972	0.00221	0.0028
2032 Sep	0.0635	0.0000317	19.4	18.3	0.15	0.013	622	0.0452	0.0132	0.000211	0.00323	0.000929	1.52	0.0000908	0.00366	0.019	0.0023	0.00581
2032 Oct	0.0781	0.0000317	22.9	19.2	0.153	0.0163	737	0.0469	0.0112	0.000277	0.00384	0.000994	1.84	0.000124	0.004	0.0258	0.00229	0.00801
2032 Nov	0.0899	0.0000268	22.8	16.4	0.124	0.0173	729	0.0387	0.0174	0.00031	0.00381	0.000866	1.87	0.000143	0.00356	0.0292	0.00201	0.00922
2032 Dec	0.0882	0.0000234	20.2	13.9	0.102	0.0156	640	0.0319	0.0239	0.000284	0.00335	0.000732	1.66	0.000131	0.00303	0.0268	0.00182	0.00847
2033 Jan	0.101	0.000022	22.1	13.6	0.0974	0.0179	701	0.0306	0.0238	0.00034	0.0037	0.000735	1.85	0.000157	0.00311	0.0318	0.00174	0.01
2033 Feb	0.112	0.0000211	23.7	13.4	0.0952	0.0199	753	0.0299	0.0233	0.000391	0.00403	0.000748	2	0.000179	0.00321	0.0362	0.00169	0.0113
2033 Mar	0.121	0.0000203	25.1	13.4	0.0929	0.0217	800	0.0295	0.0227	0.000433	0.00433	0.000761	2.14	0.000198	0.00331	0.04	0.00165	0.0124
2033 Apr	0.129	0.0000197	26.5	13.3	0.0908	0.0234	845	0.0292	0.0221	0.00047	0.00461	0.000775	2.27	0.000216	0.0034	0.0437	0.00161	0.0134
2033 May	0.124	0.0000184	20.3	11.8	0.103	0.0173	634	0.0242	0.0297	0.00059	0.00351	0.000642	1.73	0.000158	0.00266	0.0322	0.00173	0.00972
2033 Jun	0.0841	0.0000214	11	11.6	0.126	0.00706	327	0.0248	0.033	0.000513	0.00185	0.000548	0.867	0.0000502	0.00198	0.0109	0.00213	0.00298
2033 Jul	0.0757	0.000027	14	15	0.146	0.00902	434	0.0351	0.0251	0.000413	0.0024	0.000734	1.09	0.0000603	0.00275	0.013	0.00234	0.00354
2033 Aug	0.0736	0.0000342	20.9	20.1	0.172	0.0147	671	0.0501	0.0106	0.000302	0.00367	0.00104	1.64	0.000105	0.00408	0.022	0.00251	0.00612
2033 Sep	0.0439	0.0000303	12.8	16.1	0.137	0.00737	405	0.0401	0.0223	0.000104	0.00215	0.000778	0.948	0.0000363	0.00295	0.00807	0.00223	0.00203
2033 Oct	0.039	0.0000249	8.47	12	0.102	0.00425	257	0.0291	0.0326	0.0000543	0.00134	0.000556	0.603	0.0000139	0.00206	0.00332	0.00193	0.000698
2033 Nov	0.0462	0.000023	9	11	0.0918	0.00531	273	0.0263	0.0343	0.0000801	0.00146	0.000521	0.667	0.0000277	0.00197	0.006	0.00182	0.00153
2033 Dec	0.0524	0.0000225	10.1	11	0.09	0.00663	310	0.0261	0.0337	0.000107	0.00167	0.000532	0.772	0.0000418	0.00205	0.0088	0.00179	0.00237
2034 Jan	0.0556	0.0000223	10.7	11	0.0894	0.00729	329	0.026	0.0334	0.000122	0.00178	0.000538	0.825	0.0000489	0.00209	0.0102	0.00178	0.00279
2034 Feb	0.0558	0.0000223	10.7	11	0.0895	0.00728	328	0.026	0.0335	0.000123	0.00178	0.000537	0.825	0.0000488	0.00208	0.0102	0.00178	0.00278
2034 Mar	0.056	0.0000223	10.7	11	0.0897	0.00727	328	0.0259	0.0335	0.000124	0.00178	0.000537	0.824	0.0000488	0.00208	0.0102	0.00178	0.00278
2034 Apr	0.0561	0.0000223	10.7	11	0.0898	0.00727	328	0.026	0.0336	0.000125	0.00178	0.000537	0.825	0.0000488	0.00208	0.0102	0.00178	0.00278
2034 May	0.0595	0.000022	10.3	11	0.0945	0.0068	310	0.0253	0.0346	0.00018	0.0017	0.000526	0.79	0.0000447	0.00201	0.00944	0.00182	0.00254
2034 Jun	0.0748	0.0000205	7.52	10.4	0.12	0.00382	199	0.0215	0.0388	0.000473	0.0012	0.000459	0.564	0.0000189	0.00155	0.00459	0.00203	0.000998
2034 Jul	0.0624	0.0000254	8.9	13	0.136	0.00416	240	0.0297	0.0329	0.000363	0.00144	0.000592	0.645	0.0000144	0.00208	0.00377	0.00224	0.000723
2034 Aug	0.0409	0.0000344	11.8	18.3	0.173	0.00508	328	0.0456	0.0202	0.000196	0.00195	0.000859	0.828	0.00000796	0.00313	0.00272	0.00262	0.000331
2034 Sep	0.0315	0.0000296	9.34	14.8	0.131	0.00389	253	0.037	0.0268	0.0000451	0.00149	0.000687	0.641	0.00000261	0.00252	0.00129	0.00221	0.000021
2034 Oct	0.0372	0.0000217	6.02	9.59	0.0814	0.00255	153	0.0226	0.0391	0.0000287	0.000894	0.000427	0.412	0.00000215	0.00155	0.000807	0.00176	2.46E-09
2034 Nov	0.0382	0.0000205	5.51	8.77	0.0739	0.00234	137	0.0203	0.0411	0.0000277	0.000802	0.000386	0.376	0.00000214	0.00139	0.000743	0.00169	1.71E-09
2034 Dec	0.0384	0.0000203	5.44	8.67	0.0729	0.00231	135	0.02	0.0413	0.0000275	0.00079	0.000381	0.372	0.00000213	0.00137	0.000735	0.00168	1.68E-09
2035 Jan	0.0388	0.0000202	5.42	8.64	0.073	0.0023	134	0.0199	0.0415	0.0000297	0.000786	0.000379	0.37	0.00000213	0.00136	0.000736	0.00168	1.67E-09
2035 Feb	0.0393	0.0000202	5.41	8.64	0.0735	0.0023	134	0.0198	0.0416	0.0000329	0.000784	0.000378	0.37	0.00000213	0.00136	0.00074	0.00168	1.67E-09
2035 Mar	0.0396	0.0000202	5.41	8.64	0.0738	0.00229	133	0.0198	0.0416	0.000035	0.000783	0.000378	0.37	0.00000213	0.00136	0.000744	0.00168	1.66E-09
2035 Apr	0.0399	0.0000202	5.41	8.65	0.0741	0.00229	133	0.0198	0.0417	0.0000367	0.000783	0.000378	0.37	0.00000214	0.00136	0.000747	0.00168	1.66E-09
2035 May	0.0408	0.0000208	5.66	9.06	0.079	0.00238	139	0.0208	0.0412	0.0000512	0.000826	0.000397	0.388	0.00000215	0.00142	0.000793	0.00173	1.6E-09
2035 Jun	0.0514	0.0000195	5.24	8.52	0.0923	0.00192	113	0.0188	0.0372	0.000261	0.000862	0.000377	0.363	0.00000211	0.00126	0.00105	0.00217	2.77E-10
2035 Jul	0.0454	0.0000241	6.98	11.2	0.112	0.00267	159	0.0266	0.0326	0.000209	0.00116	0.000512	0.48	0.00000224	0.00179	0.00121	0.0024	1.99E-10
2035 Aug	0.023	0.0000393	13.4	21.3	0.192	0.00545	328	0.055	0.0101	0.0000665	0.00222	0.00101	0.918	0.0000024	0.00373	0.00175	0.00281	2.57E-11
2035 Sep	0.0312	0.0000277	8.54	13.6	0.118	0.00355	200	0.0337	0.0285	0.0000334	0.00134	0.000627	0.584	0.00000223	0.00229	0.00111	0.00209	6.13E-14
2035 Oct	0.0269	0.0000337	11	17.6	0.155	0.00456	267	0.0448	0.02	0.0000385	0.00179	0.000824	0.758	0.0000023	0.00304	0.00143	0.00242	4.94E-16
2035 Nov	0.0294	0.0000305	9.72	15.5	0.136	0.00403	232	0.0389	0.0248	0.0000359	0.00156	0.00072	0.667	0.00000225	0.00265	0.00127	0.00224	1.92E-16
2035 Dec	0.0302	0.0000296	9.33	14.8	0.13	0.00387	221	0.0372	0.0263	0.0000351	0.00149	0.000689	0.64	0.00000224	0.00253	0.00122	0.00219	1.83E-16
2036 Jan	0.0309	0.0000294	9.25	14.7	0.13	0.00384	219	0.0368	0.0267	0.0000384	0.00147	0.000683	0.635	0.00000224	0.00251	0.00122	0.00218	1.81E-16
2036 Feb	0.0317	0.0000293	9.22	14.7	0.13	0.00382	218	0.0366	0.0269	0.0000431	0.00147	0.00068	0.633	0.00000224	0.0025	0.00122	0.00218	1.8E-16
2036 Mar	0.0323	0.0000292	9.2	14.7	0.13	0.00381	217	0.0365	0.027	0.0000462	0.00146	0.000678	0.632	0.00000224	0.00249	0.00122	0.00218	1.8E-16
2036 Apr	0.0326	0.0000293	9.24	14.7	0.131	0.00382	218	0.0367	0.027	0.0000484	0.00147	0.000681	0.635	0.00000224	0.0025	0.00123	0.00218	1.78E-16
2036 May	0.0327	0.0000297	9.42	15	0.134	0.00389	221	0.0374	0.0267	0.0000505	0.0015	0.000694	0.647	0.00000226	0.00255	0.00126	0.00221	1.76E-16
2036 Jun	0.0334	0.0000251	7.37	11.7	0.107	0.00292	159	0.0289	0.0285	0.000081	0.00124	0.000543	0.502	0.00000219	0.00196	0.00113	0.00236	6E-17
2036 Jul	0.0305	0.0000293	9.06	14.3	0.13	0.00362	191	0.0363	0.023	0.0000753	0.00152	0.000676	0.618	0.00000228	0.00246	0.00128	0.00249	1.84E-17
2036 Aug	0.0249	0.0000369	12.3	19.4	0.175	0.00498	262	0.0502	0.0137	0.0000609	0.00204	0.000924	0.84	0.00000239	0.0034	0.0016	0.00271	5.69E-18
2036 Sep	0.0214	0.0000403	13.8	21.9	0.196	0.00566	297	0.0569	0.00952	0.0000454	0.00229	0.00104	0.947	0.0000024	0.00386	0.00178	0.0028	4.03E-19
2036 Oct	0.0355	0.0000238	6.88	11	0.0941	0.00289	137	0.0264	0.036	0.0000304	0.00105	0.000495	0.471	0.00000218	0.0018	0.000914	0.00187	6.32E-21
2036 Nov	0.035	0.0000242	7.06	11.2	0.0967	0.00296	141	0.0272	0.0352	0.0000307	0.00108	0.000509	0.483	0.00000218	0.00185	0.000936	0.00189	3.61E-21
2036 Dec	0.036	0.000023	6.57	10.5	0.0896	0.00277	130	0.025	0.0369	0.0000297	0.000993	0.000471	0.45	0.00000217	0.00171	0.000876	0.00183	2.81E-21
2037 Jan	0.0371	0.0000227	6.48	10.3	0.0893	0.00272	128	0.0246	0.0374	0.0000357	0.000975	0.000463	0.444	0.00000216	0.00168	0.000875	0.00182	2.75E-21
2037 Feb	0.0385	0.0000226	6.45	10.3	0.0903	0.0027	127	0.0244	0.0377	0.0000439	0.000968	0.00046	0.443	0.00000216	0.00166	0.000886	0.00182	2.73E-21
2037 Mar	0.0393	0.0000226	6.44	10.3	0.091	0.00269	126	0.0242	0.0379	0.0000488	0.000965	0.000458	0.442	0.00000216	0.00166	0.000892	0.00181	2.72E-21
2037 Apr	0.0399	0.0000226	6.43	10.3	0.0915	0.00268	126	0.0242	0.0381	0.0000521	0.000963	0.000457	0.442	0.00000216	0.00165	0.000898	0.00182	2.71E-21
2037 May	0.0571	0.0000214	6.19	10.2	0.108	0.0024	112	0.0223	0.0398	0.00028	0.00093	0.000442	0.434	0.00000215	0.00151	0.0011	0.00193	1.78E-21
2037 Jun	0.0318	0.00000835	2.96	4.72	0.0483	0.00094	43.8	0.00921	0.0147	0.000186	0.000395	0.000204	0.189	0.00000205	0.000604	0.000522	0.00128	1.62E-22
2037 Jul	0.0197	0.00000339	1.57	2.32	0.0181	0.000383	18.3	0.00367	0.00753	0.0000902	0.000154	0.0000987	0.0833	0.00000203	0.000228	0.000222	0.000967	4.73E-23
2037 Aug	0.0171	0.00000244	1.33	1.9	0.0127	0.00028	13.7	0.00261	0.00624	0.0000679	0.000109	0.0000792	0.065	0.00000202	0.000157	0.000165	0.000911	2.87E-23
2037 Sep	0.0155	0.00000199	1.24	1.73	0.0103	0.000236	11.7	0.00211	0.00571	0.0000565	0.0000896	0.0000706	0.0578	0.00000202	0.000126	0.000137	0.000886	2.08E-23
2037 Oct	0.015	0.00000191	1.24	1.71	0.00973	0.000229	11.4	0.00203	0.00563	0.0000546	0.0000863	0.0000691	0.0568	0.00000202	0.000121	0.00013	0.000879	1.8E-23

Appendix D.2-11: WN01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Nov	0.015	0.00000193	1.24	1.71	0.00979	0.000231	11.5	0.00205	0.00566	0.0000546	0.0000869	0.0000694	0.0571	0.00000202	0.000122	0.00013	0.00088	1.8E-23
2037 Dec	0.015	0.00000193	1.24	1.71	0.00979	0.000231	11.5	0.00205	0.00567	0.0000546	0.0000869	0.0000694	0.0571	0.00000202	0.000122	0.00013	0.00088	1.8E-23
2038 Jan	0.015	0.00000193	1.24	1.71	0.0098	0.000231	11.5	0.00205	0.00567	0.0000546	0.0000869	0.0000694	0.0571	0.00000202	0.000122	0.000131	0.00088	1.8E-23
2038 Feb	0.015	0.00000193	1.24	1.71	0.0098	0.000231	11.5	0.00205	0.00567	0.0000546	0.0000869	0.0000694	0.0571	0.00000202	0.000122	0.000131	0.00088	1.8E-23
2038 Mar	0.015	0.00000193	1.24	1.71	0.00981	0.000231	11.5	0.00205	0.00567	0.0000547	0.000087	0.0000694	0.0571	0.00000202	0.000122	0.000131	0.00088	1.8E-23
2038 Apr	0.015	0.00000193	1.24	1.71	0.00981	0.000232	11.5	0.00205	0.00567	0.0000547	0.000087	0.0000694	0.0572	0.00000202	0.000123	0.000131	0.00088	1.8E-23
2038 May	0.0154	0.00000199	1.26	1.74	0.0103	0.000236	11.6	0.00209	0.00586	0.0000579	0.0000892	0.0000704	0.0583	0.00000202	0.000125	0.000136	0.000886	1.8E-23
2038 Jun	0.017	0.00000225	1.3	1.84	0.0124	0.000253	12.2	0.00228	0.0066	0.0000723	0.000099	0.0000746	0.0628	0.00000202	0.000137	0.00016	0.000905	1.58E-23
2038 Jul	0.0166	0.00000202	1.23	1.72	0.0109	0.000226	10.9	0.00202	0.00624	0.0000687	0.0000872	0.0000695	0.0572	0.00000202	0.000119	0.000146	0.000891	1.31E-23
2038 Aug	0.0161	0.00000186	1.19	1.65	0.00994	0.00021	10.2	0.00187	0.00595	0.0000634	0.0000802	0.0000665	0.0542	0.00000202	0.000109	0.000136	0.000883	1.11E-23
2038 Sep	0.0155	0.00000174	1.17	1.61	0.00925	0.000201	9.8	0.00175	0.00575	0.0000587	0.0000756	0.0000645	0.0526	0.00000202	0.000102	0.000127	0.000875	9.69E-24
2038 Oct	0.0152	0.0000017	1.17	1.6	0.00898	0.000198	9.66	0.00172	0.00571	0.0000576	0.0000741	0.0000639	0.0521	0.00000202	0.0000998	0.000124	0.000872	9.08E-24
2038 Nov	0.0152	0.00000171	1.17	1.6	0.009	0.000198	9.67	0.00172	0.00572	0.0000576	0.0000742	0.0000639	0.0522	0.00000202	0.0001	0.000124	0.000872	9.07E-24
2038 Dec	0.0152	0.00000171	1.17	1.6	0.009	0.000198	9.67	0.00172	0.00572	0.0000576	0.0000742	0.0000639	0.0522	0.00000202	0.0001	0.000124	0.000872	9.07E-24
2039 Jan	0.0152	0.00000171	1.17	1.6	0.009	0.000198	9.67	0.00172	0.00572	0.0000577	0.0000742	0.0000639	0.0522	0.00000202	0.0001	0.000124	0.000872	9.07E-24
2039 Feb	0.0152	0.00000171	1.17	1.6	0.009	0.000198	9.67	0.00172	0.00572	0.0000577	0.0000742	0.0000639	0.0522	0.00000202	0.0001	0.000124	0.000872	9.07E-24
2039 Mar	0.0152	0.00000171	1.17	1.6	0.009	0.000199	9.67	0.00172	0.00572	0.0000577	0.0000742	0.0000639	0.0522	0.00000202	0.0001	0.000124	0.000872	9.07E-24
2039 Apr	0.0153	0.00000171	1.17	1.6	0.009	0.000199	9.68	0.00172	0.00572	0.0000577	0.0000743	0.0000639	0.0522	0.00000202	0.0001	0.000124	0.000872	9.08E-24
2039 May	0.0153	0.00000171	1.17	1.6	0.00902	0.000199	9.69	0.00172	0.00572	0.0000577	0.0000744	0.000064	0.0523	0.00000202	0.0001	0.000124	0.000873	9.08E-24
2039 Jun	0.0155	0.00000184	1.18	1.62	0.00923	0.000205	9.8	0.0018	0.00605	0.0000577	0.0000789	0.000065	0.0531	0.00000202	0.000105	0.00013	0.000885	8.47E-24
2039 Jul	0.0156	0.00000191	1.18	1.62	0.00919	0.000208	9.77	0.00184	0.00614	0.0000571	0.0000808	0.0000655	0.0532	0.00000201	0.000108	0.00013	0.000888	7.53E-24
2039 Aug	0.0154	0.00000186	1.16	1.59	0.00882	0.000202	9.47	0.00178	0.0061	0.000055	0.0000778	0.0000643	0.0521	0.00000201	0.000104	0.000126	0.000884	6.81E-24
2039 Sep	0.0151	0.00000177	1.15	1.56	0.00839	0.000194	9.14	0.00169	0.00596	0.0000527	0.000074	0.0000627	0.0508	0.00000202	0.0000978	0.00012	0.000879	6.25E-24
2039 Oct	0.0149	0.00000173	1.15	1.55	0.0082	0.000192	9.01	0.00165	0.00591	0.0000523	0.0000726	0.0000621	0.0504	0.00000201	0.0000957	0.000118	0.000876	5.99E-24
2039 Nov	0.0149	0.00000173	1.15	1.55	0.0082	0.000192	9.02	0.00165	0.00591	0.0000523	0.0000726	0.0000621	0.0504	0.00000201	0.0000957	0.000118	0.000876	5.99E-24
2039 Dec	0.0149	0.00000173	1.15	1.55	0.0082	0.000192	9.02	0.00165	0.00592	0.0000523	0.0000726	0.0000621	0.0504	0.00000201	0.0000957	0.000118	0.000876	5.99E-24
2040 Jan	0.0149	0.00000173	1.15	1.55	0.0082	0.000192	9.02	0.00165	0.00592	0.0000523	0.0000726	0.0000621	0.0504	0.00000201	0.0000957	0.000118	0.000876	5.99E-24
2040 Feb	0.0149	0.00000173	1.15	1.55	0.0082	0.000192	9.02	0.00165	0.00592	0.0000523	0.0000726	0.0000621	0.0504	0.00000201	0.0000957	0.000118	0.000876	5.99E-24
2040 Mar	0.0149	0.00000173	1.15	1.55	0.0082	0.000192	9.02	0.00165	0.00592	0.0000523	0.0000726	0.0000621	0.0504	0.00000201	0.0000957	0.000118	0.000876	5.99E-24
2040 Apr	0.0149	0.00000173	1.15	1.55	0.0082	0.000192	9.02	0.00165	0.00592	0.0000524	0.0000726	0.0000621	0.0504	0.00000201	0.0000957	0.000118	0.000876	6E-24
2040 May	0.015	0.00000174	1.15	1.56	0.00826	0.000192	9.03	0.00166	0.00594	0.0000527	0.0000728	0.0000623	0.0505	0.00000202	0.000096	0.000119	0.000877	6E-24
2040 Jun	0.0155	0.00000182	1.16	1.58	0.00887	0.000196	9.07	0.0017	0.00622	0.0000573	0.0000754	0.0000632	0.0516	0.00000201	0.0000985	0.000126	0.000883	5.72E-24
2040 Jul	0.0155	0.00000177	1.14	1.56	0.00856	0.00019	8.82	0.00165	0.00611	0.0000569	0.000073	0.0000622	0.0504	0.00000201	0.0000951	0.000124	0.00088	5.32E-24
2040 Aug	0.0153	0.00000171	1.13	1.53	0.00826	0.000185	8.6	0.0016	0.00599	0.0000553	0.0000706	0.0000613	0.0494	0.00000202	0.0000916	0.00012	0.000877	4.97E-24
2040 Sep	0.0151	0.00000166	1.12	1.52	0.00799	0.000181	8.41	0.00155	0.00589	0.0000535	0.0000684	0.0000604	0.0487	0.00000202	0.0000883	0.000117	0.000873	4.66E-24
2040 Oct	0.015	0.00000163	1.12	1.51	0.00783	0.000178	8.31	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	4.52E-24
2040 Nov	0.015	0.00000163	1.12	1.51	0.00784	0.000178	8.31	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	4.52E-24
2040 Dec	0.015	0.00000163	1.12	1.51	0.00784	0.000178	8.31	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	4.52E-24
2041 Jan	0.015	0.00000163	1.12	1.51	0.00784	0.000178	8.31	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	4.52E-24
2041 Feb	0.015	0.00000163	1.12	1.51	0.00784	0.000178	8.31	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	4.52E-24
2041 Mar	0.015	0.00000163	1.12	1.51	0.00784	0.000178	8.31	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	4.52E-24
2041 Apr	0.015	0.00000163	1.12	1.51	0.00784	0.000178	8.32	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	4.52E-24
2041 May	0.015	0.00000163	1.12	1.51	0.00785	0.000178	8.32	0.00152	0.00586	0.0000533	0.0000673	0.0000599	0.0484	0.00000202	0.0000867	0.000115	0.000872	4.52E-24
2041 Jun	0.0151	0.00000167	1.12	1.51	0.00788	0.000179	8.28	0.00153	0.00601	0.0000534	0.0000684	0.00006	0.0484	0.00000201	0.0000873	0.000117	0.000876	4.37E-24
2041 Jul	0.0151	0.00000168	1.11	1.5	0.0078	0.000178	8.17	0.00154	0.00602	0.0000533	0.0000685	0.0000598	0.0481	0.00000201	0.0000872	0.000117	0.000876	4.11E-24
2041 Aug	0.015	0.00000164	1.1	1.48	0.00758	0.000174	8	0.00149	0.00593	0.0000522	0.0000665	0.0000591	0.0473	0.00000201	0.0000842	0.000115	0.000874	3.9E-24
2041 Sep	0.0148	0.00000159	1.1	1.47	0.00737	0.000171	7.86	0.00145	0.00585	0.000051	0.0000647	0.0000584	0.0467	0.00000201	0.0000816	0.000112	0.000871	3.71E-24
2041 Oct	0.0147	0.00000157	1.09	1.47	0.00727	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000639	0.000058	0.0465	0.00000201	0.0000805	0.00011	0.00087	3.62E-24
2041 Nov	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000639	0.0000581	0.0465	0.00000201	0.0000805	0.00011	0.00087	3.62E-24
2041 Dec	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000639	0.0000581	0.0465	0.00000201	0.0000805	0.00011	0.00087	3.62E-24
2042 Jan	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000639	0.0000581	0.0465	0.00000201	0.0000805	0.00011	0.00087	3.62E-24
2042 Feb	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000639	0.0000581	0.0465	0.00000201	0.0000805	0.00011	0.00087	3.62E-24
2042 Mar	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000639	0.0000581	0.0465	0.00000201	0.0000805	0.00011	0.00087	3.62E-24
2042 Apr	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000639	0.0000581	0.0465	0.00000201	0.0000805	0.000111	0.00087	3.62E-24
2042 May	0.0148	0.00000157	1.09	1.47	0.00729	0.000169	7.81	0.00143	0.00583	0.0000509	0.000064	0.0000581	0.0466	0.00000201	0.0000806	0.000111	0.000871	3.62E-24
2042 Jun	0.0148	0.00000158	1.09	1.46	0.00727	0.000169	7.76	0.00143	0.00586	0.0000509	0.0000642	0.0000581	0.0464	0.00000201	0.0000807	0.000111	0.000871	3.53E-24
2042 Jul	0.0148	0.00000157	1.08	1.45	0.00715	0.000167	7.64	0.00142	0.00582	0.0000509	0.0000633	0.0000577	0.0459	0.00000201	0.0000794	0.00011	0.000869	3.37E-24
2042 Aug	0.0147	0.00000154	1.08	1.44	0.00702	0.000165	7.53	0.00139	0.00577	0.00005	0.0000621	0.0000572	0.0455	0.00000201	0.0000778	0.000108	0.000867	3.22E-24
2042 Sep	0.0146	0.00000151	1.07	1.43	0.00686	0.000162	7.42	0.00136	0.00572	0.0000491	0.0000607	0.0000566	0.045	0.00000201	0.0000757	0.000106	0.000864	3.08E-24
2042 Oct	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00134	0.0057	0.0000489	0.00006	0.0000563	0.0448	0.00000201	0.0000747	0.000105	0.000863	3.02E-24
2042 Nov	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00134	0.0057	0.0000489	0.00006	0.0000564	0.0448	0.00000201	0.0000747	0.000105	0.000863	3.02E-24
2042 Dec	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00134	0.0057	0.0000489	0.00006	0.0000564	0.0448	0.00000201	0.0000747	0.000105	0.000863	3.02E-24
2043 Jan	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00134	0.0057	0.0000489	0.00006	0.0000564	0.0448	0.00000201	0.0000747	0.000105	0.000863	3.02E-24
2043 Feb	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00134	0.0057	0.0000489	0.00006	0.0000564	0.0448	0.00000201	0.0000747	0.000105	0.000863	3.02E-24
2043 Mar	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00134	0.0057	0.0000489	0.00006	0.0000564	0.0448	0.00000201	0.0000747	0.000105	0.000863	3.02E-24
2043 Apr	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00134	0.0057	0.000049	0.00006	0.0000564	0.0448	0.00000201	0.0000747	0.000105	0.000863	3.02E-24
2043 May	0.0145	0.00000149	1.07	1.43	0.00679	0.000161	7.37	0.00135	0.00571	0.000049	0.0000601	0.0000564	0.0449	0.00000201	0.0000748	0.000105	0.000864	3.02E-24
2043 Jun	0.0146	0.0000015	1.07	1.43	0.00686	0.00016	7.32	0.00134	0.00576	0.0000501	0.0000599	0.0000563	0.0448	0.00000201	0.0000742	0.000107	0.000864	2.96E-24
2043 Jul	0.0147	0.00000147	1.06	1.41	0.00672	0.000157	7.21	0.00131	0.00572	0.0000502	0.0000586	0.0000558	0.0442	0.00000201	0.0000722	0.000105	0.000863	2.85E-24
2043 Aug	0.0146	0.00000145	1.06	1.41	0.00663	0.000155	7.14	0.00129	0.00569	0.00005	0.0000577	0.0000555	0.0438	0.00000201	0.0000708	0.000105	0.000863	2.78E-24
2043 Sep	0.0146	0.00000145	1.06	1.41	0.00663	0.000155	7.14	0.00129	0.00569	0.0000499	0.0000577	0.0000555	0.0438	0.00000201	0.0000709	0.000104	0.000863	2.77E-24
2043 Oct	0.0146	0.00000146	1.06	1.41	0.00663	0.000155	7.14	0.00129	0.0057	0.0000499	0.0000578	0.0000555	0.0438	0.00000201	0.0000709	0.000105	0.000863	2.77E-24
2043 Nov	0.0147	0.00000146	1.06	1.41	0.00663	0.000155	7.14	0.00129	0.00572	0.0000499	0.0000578	0.0000555	0.0438	0.00000201	0.0000709	0.000105	0.000863	2.77E-24
2043 Dec	0.0147	0.00000146	1.06	1.41	0.00663	0.000155	7.14	0.00129	0.00572	0.0000499	0.0000578	0.0000555	0.0438	0.00000201	0.000071	0.000105	0.000863	2.77E-24

Appendix D.2-12: TIRI01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	1170	0.626	2.91	0.0526	478	0.21	379	0.0000243	0.0000243	0.00000458	0.0112	0.0105	0.357	0.0392	0.00000975	44.1	0.0000844	0.00386	0.000523	0.00368
Operation (2026-2036): Mean	2070	1.39	6.79	0.112	1020	0.296	494	0.000172	0.000172	0.00000569	0.0139	0.0308	0.503	0.048	0.0000116	65.6	0.000107	0.00741	0.000716	0.00565
Operation (2026-2036): Max	2920	2.09	11	0.164	1640	0.355	587	0.000346	0.000346	0.00000675	0.0159	0.152	0.614	0.0538	0.000013	79.8	0.000126	0.0101	0.000841	0.00702
Active Closure (2037-2043): Min	55.1	0.0204	0.0781	0.00228	17.2	0.033	16.6	0.000244	0.000244	0.000005	0.00305	0.000495	0.0169	0.00859	0.00000519	8.21	0.00000782	0.000228	0.0000972	0.00088
Active Closure (2037-2043): Mean	154	0.0967	0.475	0.00762	56.3	0.0512	48	0.000928	0.000928	0.00000509	0.00382	0.0013	0.0502	0.0113	0.00000562	12.4	0.0000145	0.000766	0.000141	0.00123
Active Closure (2037-2043): Max	1530	1.24	6.53	0.0865	601	0.306	470	0.000981	0.000981	0.00000626	0.0147	0.0126	0.514	0.0473	0.0000116	70.5	0.000106	0.00861	0.000734	0.00612
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2043)																				
2026 Jan	2350	0.956	3.69	0.105	1360	0.237	457	0.000176	0.000176	0.00000458	0.0117	0.036	0.403	0.045	0.0000105	49	0.000093	0.00407	0.000599	0.00405
2026 Feb	2340	0.956	3.68	0.105	1360	0.236	457	0.000176	0.000176	0.00000458	0.0117	0.0359	0.403	0.0451	0.0000105	49	0.000093	0.00407	0.000599	0.00405
2026 Mar	2340	0.956	3.68	0.105	1360	0.236	457	0.000176	0.000176	0.00000458	0.0117	0.0409	0.403	0.0451	0.0000105	49	0.000093	0.00407	0.000599	0.00405
2026 Apr	2350	0.957	3.69	0.105	1360	0.237	457	0.000177	0.000177	0.00000459	0.0117	0.0638	0.403	0.0451	0.0000105	49.1	0.0000931	0.00408	0.0006	0.00406
2026 May	2360	0.976	3.78	0.106	1360	0.24	461	0.000176	0.000176	0.00000465	0.0119	0.0681	0.409	0.0455	0.0000106	49.9	0.0000941	0.00422	0.000608	0.00413
2026 Jun	2120	0.936	3.73	0.0979	1210	0.226	419	0.000253	0.000253	0.00000482	0.0117	0.0461	0.383	0.042	0.0000102	48.1	0.000089	0.00433	0.00057	0.00401
2026 Jul	2250	1.02	4.09	0.105	1280	0.242	447	0.000217	0.000217	0.00000493	0.0121	0.0408	0.413	0.0439	0.0000106	51.3	0.0000942	0.00481	0.000603	0.00432
2026 Aug	2630	1.31	5.44	0.128	1480	0.298	533	0.0000896	0.0000896	0.00000531	0.0136	0.0358	0.513	0.0499	0.0000119	63.3	0.000111	0.00665	0.000719	0.00544
2026 Sep	2800	1.59	6.9	0.145	1540	0.345	585	0.0000243	0.0000243	0.00000588	0.0151	0.0364	0.597	0.0536	0.0000129	75.3	0.000124	0.00884	0.00082	0.00657
2026 Oct	2380	1.5	6.57	0.129	1280	0.319	508	0.000171	0.000171	0.00000612	0.0148	0.0185	0.541	0.049	0.000012	71.9	0.000112	0.00869	0.000757	0.00627
2026 Nov	2300	1.46	6.37	0.124	1240	0.311	491	0.000205	0.000205	0.00000613	0.0147	0.0179	0.524	0.048	0.0000118	70.3	0.000109	0.00845	0.000738	0.00611
2026 Dec	2280	1.45	6.33	0.124	1230	0.309	487	0.000211	0.000211	0.00000612	0.0146	0.0178	0.521	0.0478	0.0000118	69.9	0.000108	0.00838	0.000733	0.00608
2027 Jan	2270	1.44	6.3	0.123	1220	0.308	485	0.000215	0.000215	0.00000612	0.0146	0.0177	0.519	0.0478	0.0000117	69.7	0.000108	0.00835	0.000732	0.00606
2027 Feb	2270	1.44	6.29	0.123	1220	0.307	484	0.000216	0.000216	0.00000611	0.0146	0.0177	0.517	0.0478	0.0000117	69.7	0.000108	0.00834	0.000734	0.00605
2027 Mar	2260	1.44	6.28	0.123	1220	0.307	484	0.000218	0.000218	0.00000612	0.0146	0.0177	0.517	0.0479	0.0000117	69.8	0.000108	0.00833	0.000735	0.00605
2027 Apr	2280	1.45	6.32	0.123	1230	0.309	487	0.00022	0.00022	0.00000616	0.0147	0.0178	0.52	0.0482	0.0000118	70.2	0.000108	0.00838	0.00074	0.00609
2027 May	2500	1.81	8.47	0.146	1320	0.34	520	0.000208	0.000208	0.00000669	0.0159	0.0747	0.575	0.051	0.0000125	78.4	0.000118	0.00985	0.000811	0.00685
2027 Jun	2040	1.17	5.32	0.107	1130	0.231	396	0.000315	0.000315	0.00000529	0.0122	0.0507	0.391	0.0399	0.0000101	51.1	0.000089	0.00536	0.00057	0.00435
2027 Jul	2330	1.09	4.6	0.111	1330	0.242	450	0.000209	0.000209	0.00000489	0.0121	0.0293	0.413	0.0435	0.0000106	50.6	0.0000946	0.0047	0.000594	0.00427
2027 Aug	2920	1.64	7.51	0.151	1640	0.312	560	0.0000369	0.0000369	0.00000531	0.0139	0.0341	0.539	0.0515	0.0000122	66.1	0.000116	0.00706	0.000749	0.0057
2027 Sep	2900	1.95	9.45	0.164	1580	0.327	546	0.0000879	0.0000879	0.00000585	0.0147	0.0296	0.56	0.0511	0.0000123	71.8	0.000117	0.0084	0.000777	0.00625
2027 Oct	2900	1.94	9.35	0.164	1580	0.326	547	0.0000814	0.0000814	0.0000058	0.0147	0.0242	0.559	0.0511	0.0000123	71.5	0.000117	0.00832	0.000776	0.00622
2027 Nov	2840	1.82	8.65	0.157	1560	0.316	537	0.0000889	0.0000889	0.00000564	0.0143	0.0208	0.541	0.0504	0.0000121	68.8	0.000114	0.0078	0.000753	0.00596
2027 Dec	2820	1.82	8.69	0.156	1550	0.315	535	0.0000938	0.0000938	0.00000566	0.0143	0.0203	0.54	0.0503	0.0000121	68.8	0.000114	0.00782	0.000752	0.00597
2028 Jan	2810	1.82	8.66	0.156	1550	0.314	533	0.0000971	0.0000971	0.00000566	0.0143	0.0203	0.538	0.0502	0.0000121	68.6	0.000113	0.00779	0.000751	0.00595
2028 Feb	2810	1.81	8.64	0.156	1540	0.314	532	0.000099	0.000099	0.00000565	0.0143	0.0202	0.537	0.0503	0.000012	68.6	0.000113	0.00778	0.000752	0.00594
2028 Mar	2810	1.81	8.63	0.155	1540	0.313	531	0.0001	0.0001	0.00000565	0.0143	0.0202	0.536	0.0503	0.000012	68.6	0.000113	0.00777	0.000753	0.00594
2028 Apr	2810	1.82	8.65	0.156	1550	0.314	533	0.000102	0.000102	0.00000567	0.0143	0.0203	0.537	0.0505	0.0000121	68.8	0.000113	0.00779	0.000756	0.00595
2028 May	2850	1.85	8.82	0.158	1560	0.319	540	0.000103	0.000103	0.00000576	0.0145	0.0454	0.546	0.0512	0.0000122	70	0.000115	0.00794	0.000768	0.00605
2028 Jun	1970	1.01	4.5	0.0964	1080	0.226	405	0.000283	0.000283	0.00000501	0.0119	0.0527	0.384	0.0403	0.0000101	48.8	0.0000884	0.00477	0.000559	0.00412
2028 Jul	2120	0.984	4.19	0.0986	1170	0.244	452	0.000221	0.000221	0.00000499	0.0122	0.0434	0.417	0.0438	0.0000107	51.4	0.0000953	0.00483	0.0006	0.00434
2028 Aug	2470	1.25	5.54	0.12	1350	0.288	526	0.000113	0.000113	0.00000524	0.0134	0.0659	0.496	0.0493	0.0000118	60.6	0.000109	0.00613	0.000698	0.00519
2028 Sep	2590	1.42	6.52	0.13	1400	0.307	546	0.0000621	0.0000621	0.00000533	0.0139	0.0416	0.529	0.0507	0.0000121	65.3	0.000113	0.00698	0.000737	0.00563
2028 Oct	2070	1.34	6.34	0.112	1090	0.264	430	0.00027	0.00027	0.00000557	0.0132	0.0121	0.44	0.0437	0.0000107	59.1	0.0000948	0.00652	0.000634	0.00507
2028 Nov	2050	1.36	6.46	0.112	1080	0.265	427	0.000283	0.000283	0.00000564	0.0133	0.0117	0.44	0.0435	0.0000107	59.5	0.0000945	0.0066	0.000634	0.0051
2028 Dec	2040	1.35	6.42	0.112	1070	0.263	424	0.000288	0.000288	0.00000563	0.0133	0.0116	0.437	0.0434	0.0000107	59.2	0.000094	0.00656	0.000631	0.00507
2029 Jan	2040	1.35	6.41	0.111	1070	0.263	423	0.00029	0.00029	0.00000563	0.0133	0.0116	0.436	0.0434	0.0000106	59.1	0.0000938	0.00655	0.000631	0.00506
2029 Feb	2030	1.35	6.4	0.111	1070	0.262	423	0.000291	0.000291	0.00000563	0.0133	0.0116	0.435	0.0434	0.0000106	59.1	0.0000937	0.00654	0.000632	0.00506
2029 Mar	2030	1.35	6.39	0.111	1070	0.262	422	0.000291	0.000291	0.00000563	0.0133	0.0116	0.435	0.0435	0.0000106	59.2	0.0000937	0.00653	0.000633	0.00505
2029 Apr	2030	1.35	6.39	0.111	1070	0.262	422	0.000292	0.000292	0.00000564	0.0133	0.0116	0.435	0.0435	0.0000106	59.2	0.0000937	0.00654	0.000634	0.00506
2029 May	2100	1.46	7.07	0.118	1100	0.273	433	0.000289	0.000289	0.00000582	0.0137	0.0159	0.454	0.0445	0.0000109	62	0.0000968	0.00704	0.000658	0.00532
2029 Jun	2000	1.53	7.7	0.119	1020	0.265	411	0.000346	0.000346	0.00000605	0.0136	0.105	0.444	0.0421	0.0000108	61.2	0.0000959	0.00727	0.000641	0.00529
2029 Jul	1690	0.708	2.91	0.0736	901	0.21	395	0.000277	0.000277	0.00000468	0.0112	0.0142	0.357	0.0392	0.00000975	44.1	0.0000844	0.00386	0.000523	0.00368
2029 Aug	2320	1.2	5.41	0.111	1220	0.289	529	0.0000783	0.0000783	0.00000508	0.0132	0.0305	0.498	0.0493	0.0000117	60.6	0.000109	0.00613	0.000698	0.00519
2029 Sep	2490	1.45	6.85	0.128	1300	0.315	560	0.0000383	0.0000383	0.00000536	0.0141	0.0384	0.543	0.0516	0.0000122	67	0.000116	0.00723	0.000754	0.00578
2029 Oct	2560	1.71	8.42	0.141	1320	0.33	560	0.0000535	0.0000535	0.00000573	0.0147	0.0317	0.567	0.0519	0.0000124	71.8	0.000119	0.00829	0.000785	0.00625
2029 Nov	2270	1.42	6.76	0.12	1170	0.292	502	0.000126	0.000126	0.00000538	0.0136	0.0171	0.498	0.0479	0.0000115	63.3	0.000106	0.00692	0.000699	0.00545
2029 Dec	2250	1.42	6.77	0.12	1170	0.291	499	0.000134	0.000134	0.0000054	0.0136	0.017	0.495	0.0477	0.0000114	63.2	0.000106	0.00691	0.000696	0.00544
2030 Jan	2250	1.41	6.75	0.119	1160	0.29	497	0.000136	0.000136	0.0000054	0.0136	0.0169	0.493	0.0476	0.0000114	63.1	0.000106	0.00689	0.000696	0.00543
2030 Feb	2240	1.41	6.74	0.119	1160	0.29	497	0.000138	0.000138	0.00000539	0.0136	0.0169	0.493	0.0477	0.0000114	63.1	0.000105	0.00688	0.000697	0.00542
2030 Mar	2240	1.41	6.74	0.119	1160	0.29	496	0.000139	0.000139	0.0000054	0.0135	0.0169	0.492	0.0477	0.0000114	63.1	0.000105	0.00688	0.000698	0.00542
2030 Apr	2240	1.41	6.74	0.119	1160	0.29	496	0.000139	0.000139	0.0000054	0.0136	0.0169	0.493	0.0478	0.0000114	63.1	0.000105	0.00688	0.000698	0.00542
2030 May	2260	1.43	6.82	0.12	1170	0.292	500	0.000141	0.000141	0.00000545	0.0137	0.0625	0.497	0.0482	0.0000115	63.7	0.000106	0.00695	0.000705	0.00548
2030 Jun	1720	0.878	3.95	0.0812	885	0.228	411	0.000269	0.000269	0.00000497	0.0119	0.0514	0.387	0.0409	0.0000101	49.1	0.0000888	0.00474	0.000564	0.00414
2030 Jul	2020	1.07	4.95	0.0967	1020	0.274	495	0.000139	0.000139	0.00000512	0.0129	0.0262	0.469	0.0468	0.0000113	57.9	0.000103	0.00589	0.000663	0.00495
2030 Aug	2300	1.26	5.93	0.112	1160	0.311	562	0.000043	0.000043	0.0000053	0.0139	0.0434	0.537	0.0518	0.0000123	65.6	0.000115	0.00688	0.000747	0.00565
2030 Sep	2360	1.33	6.28	0.117	1190	0.32	576	0.000027	0.000027	0.00000539	0.0142	0.0608	0.553	0.0529	0.0000125	67.6	0.000118	0.00718	0.000767	0.00583
2030 Oct	2310	1.37	6.55	0.117	1160	0.315	557	0.0000373	0.0000373	0.00000535	0.014	0.0321	0.542	0.0514	0.0000122	67	0.000116	0.00727	0.000753	0.00579
2030 Nov	2210	1.34	6.4	0.113	1110	0.303	530	0.0000806	0.0000806	0.00000535	0.0138	0.0212	0.519	0.0497	0.0000118	64.9	0.000111	0.00703	0.000725	0.0056
2030 Dec	2190	1.33	6.35	0.112	1100	0.3	526	0.0000895	0.0000895	0.00000535	0.0137	0.021	0.514	0.0494	0.0000118	64.5	0.00011	0.00697	0.00072	0.00556
2031 Jan	2180	1.32	6.33	0.112	1090	0.299	524	0.0000929	0.0000929	0.00000535	0.0137	0.0209	0.513	0.0493	0.0000117	64.4	0.00011	0.00695	0.000719	0.00554
2031 Feb	2180	1.32	6.31	0.112	1090	0.299	523	0.0000946	0.0000946	0.00000535	0.0137	0.0209	0.512	0.0494	0.0000117	64.3	0.00011	0.00694	0.00072	0.00554
2031 Mar	2180	1.32	6.31	0.112	1090	0.299	522	0.0000958	0.0000958	0.00000535	0.0137	0.0209	0.511	0.0494	0.0000117	64.4	0.000109	0.00693	0.000721	0.00553
2031 Apr	2180	1.32	6.33	0.112	1090	0.3	524	0.0000971	0.0000971	0.00000537	0.0138	0.0534	0.513	0.0497	0.0000118	64.6	0.00011	0.00696	0.000724	0.00555
2031 May	2230	1.43	6.96	0.118	1110	0.308	531	0.000109	0.000109	0.0000056	0.0141	0.152	0.528	0.051	0.000012	67.6	0.000112	0.00743	0.000756	0.0058

Appendix D.2-12: TIRI01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Jun	1630	0.852	3.88	0.0757	800	0.234	421	0.000268	0.000268	0.00000507	0.012	0.0593	0.398	0.0474	0.0000103	54.9	0.0000909	0.00499	0.000683	0.00438
2031 Jul	1920	1.03	4.81	0.0907	934	0.277	499	0.000167	0.000167	0.00000531	0.0132	0.0705	0.475	0.0506	0.0000115	61.3	0.000105	0.00602	0.000729	0.0051
2031 Aug	2300	1.53	7.62	0.123	1110	0.335	576	0.0000381	0.0000381	0.00000574	0.0147	0.0356	0.578	0.0531	0.0000127	72.5	0.000121	0.00827	0.000801	0.0063
2031 Sep	2410	2	10.4	0.148	1140	0.354	561	0.0000947	0.0000947	0.00000642	0.0158	0.0239	0.607	0.0525	0.0000128	79.8	0.000124	0.01	0.000836	0.00702
2031 Oct	2220	1.92	10	0.14	1050	0.331	510	0.000184	0.000184	0.00000642	0.0153	0.0156	0.56	0.0493	0.0000122	75.6	0.000115	0.00949	0.000781	0.00663
2031 Nov	2260	2.07	10.9	0.148	1060	0.337	505	0.00021	0.00021	0.00000667	0.0157	0.0144	0.57	0.0493	0.0000123	78.1	0.000115	0.01	0.000795	0.00686
2031 Dec	2240	2.06	10.8	0.147	1050	0.335	501	0.000216	0.000216	0.00000666	0.0156	0.0143	0.566	0.049	0.0000122	77.6	0.000115	0.00997	0.000789	0.00682
2032 Jan	2230	2.05	10.8	0.146	1050	0.334	500	0.000219	0.000219	0.00000666	0.0156	0.0142	0.564	0.049	0.0000122	77.5	0.000114	0.00994	0.000789	0.0068
2032 Feb	2230	2.05	10.8	0.146	1050	0.333	499	0.00022	0.00022	0.00000665	0.0156	0.0142	0.563	0.049	0.0000122	77.4	0.000114	0.00993	0.000789	0.00679
2032 Mar	2230	2.05	10.8	0.146	1050	0.333	498	0.000221	0.000221	0.00000665	0.0156	0.0142	0.562	0.0491	0.0000122	77.4	0.000114	0.00992	0.00079	0.00679
2032 Apr	2230	2.05	10.8	0.146	1050	0.334	499	0.000223	0.000223	0.00000667	0.0156	0.0142	0.563	0.0492	0.0000122	77.6	0.000114	0.00993	0.000792	0.0068
2032 May	2270	2.09	11	0.149	1070	0.339	508	0.00022	0.00022	0.00000675	0.0158	0.089	0.573	0.05	0.0000124	78.9	0.000116	0.0101	0.000806	0.00692
2032 Jun	1550	1.11	5.63	0.086	723	0.242	397	0.000331	0.000331	0.00000557	0.0127	0.0467	0.408	0.0402	0.0000103	54.6	0.000091	0.0061	0.000592	0.00468
2032 Jul	1570	0.776	3.6	0.0698	732	0.247	452	0.000186	0.000186	0.0000049	0.0122	0.0179	0.423	0.0433	0.0000106	52.3	0.0000954	0.00513	0.000604	0.00444
2032 Aug	2010	1.41	7.15	0.11	931	0.313	528	0.000122	0.000122	0.00000577	0.0142	0.028	0.536	0.0497	0.0000121	68.6	0.000112	0.00786	0.000746	0.00594
2032 Sep	2040	1.31	6.51	0.105	948	0.318	552	0.0000723	0.0000723	0.00000559	0.0142	0.048	0.546	0.0513	0.0000123	68.5	0.000115	0.0076	0.000759	0.00592
2032 Oct	2040	1.25	6.14	0.102	946	0.317	557	0.0000496	0.0000496	0.00000545	0.0142	0.0419	0.545	0.0516	0.0000123	67.7	0.000116	0.00739	0.000757	0.00585
2032 Nov	2110	1.53	7.83	0.118	978	0.328	548	0.0000925	0.0000925	0.00000589	0.0148	0.0325	0.562	0.0513	0.0000124	72.1	0.000117	0.00842	0.00078	0.00628
2032 Dec	2060	1.62	8.36	0.121	950	0.321	518	0.000151	0.000151	0.00000606	0.0148	0.0253	0.546	0.0496	0.0000121	71.8	0.000113	0.00858	0.000762	0.00626
2033 Jan	2040	1.6	8.26	0.119	940	0.318	512	0.000161	0.000161	0.00000604	0.0147	0.025	0.54	0.0494	0.000012	71.3	0.000112	0.00849	0.000758	0.0062
2033 Feb	2030	1.6	8.22	0.119	936	0.316	510	0.000165	0.000165	0.00000604	0.0147	0.0249	0.537	0.0495	0.000012	71.2	0.000112	0.00845	0.000761	0.00618
2033 Mar	2030	1.59	8.21	0.119	934	0.316	509	0.000168	0.000168	0.00000604	0.0147	0.0249	0.536	0.0496	0.000012	71.3	0.000112	0.00844	0.000763	0.00617
2033 Apr	2030	1.6	8.25	0.119	938	0.317	511	0.00017	0.00017	0.00000608	0.0147	0.025	0.539	0.05	0.000012	71.7	0.000112	0.00848	0.000768	0.0062
2033 May	1910	1.62	8.42	0.117	872	0.299	470	0.000259	0.000259	0.00000625	0.0144	0.0665	0.508	0.051	0.0000116	72.3	0.000107	0.00841	0.000806	0.00607
2033 Jun	1510	0.961	4.76	0.0759	674	0.247	426	0.000259	0.000259	0.0000053	0.0124	0.0378	0.421	0.0474	0.0000105	58.7	0.0000938	0.00587	0.000704	0.00477
2033 Jul	1650	0.951	4.63	0.0782	734	0.272	483	0.000171	0.000171	0.00000527	0.013	0.0371	0.466	0.0493	0.0000112	60.9	0.000103	0.00613	0.000719	0.00507
2033 Aug	1960	1.21	6.03	0.0974	875	0.322	568	0.0000549	0.0000549	0.00000557	0.0144	0.0518	0.556	0.0532	0.0000125	69.4	0.000118	0.00754	0.000786	0.00597
2033 Sep	1970	1.47	7.58	0.111	883	0.323	536	0.000104	0.000104	0.00000585	0.0146	0.0247	0.552	0.0505	0.0000122	71.1	0.000115	0.00833	0.000767	0.00619
2033 Oct	1760	1.36	7	0.1	784	0.29	469	0.00021	0.00021	0.00000577	0.0139	0.0111	0.489	0.0461	0.0000113	65.1	0.000103	0.00754	0.000692	0.00563
2033 Nov	1720	1.35	6.93	0.0989	766	0.284	455	0.000236	0.000236	0.00000579	0.0138	0.0106	0.477	0.0453	0.0000111	64	0.000101	0.00741	0.000678	0.00553
2033 Dec	1710	1.35	6.91	0.0986	764	0.284	454	0.000238	0.000238	0.00000579	0.0138	0.0106	0.476	0.0452	0.0000111	63.9	0.000101	0.00739	0.000677	0.00552
2034 Jan	1710	1.35	6.91	0.0985	763	0.283	454	0.000239	0.000239	0.00000579	0.0138	0.0106	0.475	0.0452	0.0000111	63.9	0.0001	0.00738	0.000677	0.00551
2034 Feb	1710	1.35	6.9	0.0984	763	0.283	453	0.00024	0.00024	0.00000579	0.0138	0.0105	0.475	0.0453	0.0000111	63.9	0.0001	0.00738	0.000677	0.00551
2034 Mar	1710	1.35	6.9	0.0984	762	0.283	453	0.00024	0.00024	0.00000579	0.0138	0.0105	0.475	0.0453	0.0000111	63.9	0.0001	0.00737	0.000677	0.00551
2034 Apr	1710	1.35	6.91	0.0986	764	0.284	454	0.000241	0.000241	0.0000058	0.0138	0.0106	0.475	0.0454	0.0000111	64	0.000101	0.00739	0.000679	0.00552
2034 May	1680	1.31	6.73	0.0962	748	0.279	448	0.000257	0.000257	0.00000581	0.0137	0.0594	0.468	0.046	0.0000111	63.9	0.0000997	0.00725	0.00069	0.00546
2034 Jun	1330	0.818	3.98	0.064	573	0.23	395	0.000312	0.000312	0.00000522	0.012	0.0369	0.386	0.0462	0.00001	55.5	0.0000874	0.00526	0.000676	0.00443
2034 Jul	1610	1.05	5.27	0.0812	693	0.278	478	0.000197	0.000197	0.0000055	0.0132	0.0344	0.473	0.0492	0.0000113	63	0.000103	0.00661	0.000728	0.00528
2034 Aug	1800	1.14	5.72	0.0892	771	0.312	544	0.000109	0.000109	0.00000565	0.0142	0.0534	0.535	0.0524	0.0000123	68.1	0.000114	0.00733	0.000773	0.00582
2034 Sep	1890	1.47	7.65	0.108	819	0.323	531	0.000119	0.000119	0.00000593	0.0147	0.0252	0.551	0.0503	0.0000122	71.6	0.000115	0.00845	0.000768	0.00623
2034 Oct	1850	1.61	8.51	0.114	806	0.314	491	0.000198	0.000198	0.00000617	0.0148	0.0133	0.531	0.0479	0.0000118	71.4	0.00011	0.00873	0.000744	0.00623
2034 Nov	1860	1.68	8.91	0.118	812	0.314	483	0.000222	0.000222	0.0000063	0.0149	0.0129	0.53	0.0475	0.0000118	72.1	0.000109	0.00893	0.000745	0.0063
2034 Dec	1860	1.68	8.89	0.117	810	0.314	482	0.000225	0.000225	0.0000063	0.0149	0.0128	0.528	0.0474	0.0000118	71.9	0.000109	0.00891	0.000743	0.00628
2035 Jan	1860	1.68	8.89	0.117	809	0.313	481	0.000226	0.000226	0.0000063	0.0149	0.0128	0.528	0.0474	0.0000117	71.9	0.000109	0.0089	0.000743	0.00628
2035 Feb	1860	1.68	8.88	0.117	808	0.313	480	0.000227	0.000227	0.0000063	0.0149	0.0128	0.527	0.0475	0.0000117	71.9	0.000109	0.00889	0.000743	0.00627
2035 Mar	1850	1.68	8.87	0.117	808	0.313	480	0.000227	0.000227	0.0000063	0.0149	0.0128	0.527	0.0475	0.0000117	71.9	0.000109	0.00889	0.000744	0.00627
2035 Apr	1860	1.68	8.89	0.117	810	0.314	481	0.000228	0.000228	0.00000631	0.0149	0.0128	0.528	0.0476	0.0000118	72.1	0.000109	0.00891	0.000746	0.00629
2035 May	1870	1.67	8.84	0.117	812	0.316	488	0.000227	0.000227	0.00000635	0.015	0.0492	0.533	0.0483	0.0000119	72.7	0.00011	0.00894	0.000755	0.00633
2035 Jun	1170	0.669	3.27	0.0532	478	0.218	379	0.00033	0.00033	0.0000051	0.0117	0.0355	0.366	0.0412	0.00000977	49.9	0.0000844	0.00481	0.000586	0.0041
2035 Jul	1270	0.626	2.99	0.0526	511	0.241	434	0.000245	0.000245	0.00000506	0.0122	0.0346	0.409	0.0441	0.0000105	52.7	0.000093	0.00505	0.000619	0.00439
2035 Aug	1680	0.972	4.89	0.0774	680	0.316	559	0.0000403	0.0000403	0.00000539	0.014	0.0267	0.545	0.0516	0.0000122	67.3	0.000116	0.00733	0.000758	0.00582
2035 Sep	1820	1.48	7.84	0.106	754	0.334	530	0.000136	0.000136	0.00000624	0.0152	0.0206	0.569	0.0503	0.0000123	75.3	0.000117	0.00928	0.00079	0.00659
2035 Oct	1850	1.42	7.49	0.103	763	0.34	553	0.0000851	0.0000851	0.00000609	0.0152	0.0182	0.583	0.0517	0.0000126	75.6	0.00012	0.00917	0.000805	0.00662
2035 Nov	1750	1.34	7	0.0969	722	0.323	526	0.000122	0.000122	0.00000597	0.0147	0.0135	0.552	0.0498	0.0000121	72.1	0.000115	0.00864	0.000768	0.00629
2035 Dec	1730	1.33	6.93	0.0959	713	0.32	519	0.000135	0.000135	0.00000596	0.0147	0.0133	0.545	0.0494	0.000012	71.4	0.000113	0.00854	0.000759	0.00623
2036 Jan	1730	1.32	6.91	0.0956	711	0.319	517	0.000137	0.000137	0.00000596	0.0147	0.0133	0.543	0.0493	0.000012	71.3	0.000113	0.00852	0.000759	0.00621
2036 Feb	1720	1.32	6.9	0.0954	710	0.318	516	0.000139	0.000139	0.00000596	0.0146	0.0133	0.543	0.0494	0.000012	71.3	0.000113	0.0085	0.00076	0.00621
2036 Mar	1720	1.32	6.89	0.0953	709	0.318	516	0.00014	0.00014	0.00000596	0.0146	0.0133	0.542	0.0494	0.000012	71.3	0.000113	0.0085	0.00076	0.0062
2036 Apr	1730	1.32	6.91	0.0957	711	0.32	518	0.000139	0.000139	0.00000598	0.0147	0.0389	0.544	0.0496	0.000012	71.6	0.000113	0.00854	0.000764	0.00623
2036 May	1750	1.34	6.99	0.0968	720	0.325	527	0.000137	0.000137	0.00000606	0.0149	0.106	0.554	0.0504	0.0000122	72.8	0.000115	0.00868	0.000777	0.00633
2036 Jun	1320	0.812	4.13	0.0624	519	0.261	446	0.000233	0.000233	0.00000541	0.0129	0.0448	0.445	0.0437	0.0000108	57.5	0.0000979	0.00626	0.000637	0.00493
2036 Jul	1330	0.677	3.35	0.0553	507	0.271	482	0.000174	0.000174	0.00000526	0.013	0.0345	0.464	0.0461	0.0000112	58	0.000102	0.00602	0.000658	0.00497
2036 Aug	1500	0.766	3.8	0.0624	569	0.306	546	0.0000854	0.0000854	0.00000541	0.0139	0.0542	0.526	0.0509	0.0000122	64.8	0.000113	0.00685	0.000735	0.00558
2036 Sep	1790	1.28	6.72	0.0934	700	0.355	587	0.0000312	0.0000312	0.00000612	0.0155	0.0285	0.614	0.0538	0.000013	78.5	0.000126	0.00954	0.000841	0.00689
2036 Oct	1530	1.22	6.37	0.0853	602	0.308	478	0.000231	0.000231	0.0000062	0.0147	0.0161	0.518	0.0472	0.0000117	70.2	0.000107	0.00854	0.00073	0.00611
2036 Nov	1580	1.28	6.75	0.0895	623	0.316	488	0.000215	0.000215	0.00000629	0.0149	0.0135	0.533	0.0479	0.0000118	72.3	0.00011	0.00892	0.000748	0.00631
2036 Dec	1540	1.25	6.58	0.0871	606	0.308	473	0.000238	0.000238	0.00000625	0.0147	0.0126	0.518	0.0469	0.0000116	70.6	0.000107	0.00868	0.00073	0.00616
2037 Jan	1530	1.24	6.53	0.0865	601	0.306	470	0.000244	0.000244	0.00000625	0.0147	0.0126	0.514	0.0468	0.0000116	70.3	0.000106	0.00861	0.000728	0.00612
2037 Feb	1520	1.24	6.51	0.0862	599	0.305	468	0.000247	0.000247	0.00000624	0.0147	0.0125	0.512	0.0469	0.0000116	70.3	0.000106	0.00859	0.00073	0.00611
2037 Mar	1520	1.24	6.5	0.0861	599	0.305	468	0.000249	0.000249	0.00000625	0.0146	0.0125	0.511	0.047	0.0000116	70.3	0.000106	0.00858	0.000732	0.0061
2037 Apr	1520	1.24	6.51	0.0862	600	0.305	468	0.000251	0.000251	0.00000626	0.0147	0.0125	0.512	0.0472	0.0000116	70.5	0.000106	0.00859	0.000734	0.00611
2037 May	1300	0.948	4.85	0.0677	500	0.266	426	0.000301	0.000301	0.00000582	0.0134	0.0109	0.447	0.0473	0.0000108	63.7	0.0000963	0.00699	0.000718	0.0053
2037 Jun	334	0.16	0.739	0.0135	119	0.0869	124	0.000781	0.000781	0.000005	0.00529	0.00281	0.118	0.0188	0.00000652	20.7	0.0000299	0.00155	0.000242	0.00185
2037 Jul	128	0.0581	0.26	0.00528	45	0.0467	43.8	0.00093	0.00093	0.00000502	0.00348	0.00108	0.042	0.0109	0.00000553	11.1	0.0000133	0.000597	0.000119	0.00116
2037 Aug	94.4	0.0408	0.177	0.00389	32.9	0.04	30.6	0.000955	0.000955	0.00000502	0.00325	0.000798	0.0297	0.00972	0.00000537	9.64	0.0000106	0.000421	0.000106	0.00102
2037 Sep	80.4	0.0336	0.143	0.00331	27.9	0.0371	25	0.000965	0.000965	0.00000502	0.00319	0.000674	0.0247	0.00929	0.0000053	9.09	0.00000944	0.000332	0.000107	0.000954
2037 Oct	79.7	0.0337	0.145	0.0033	27.7	0.037	24.6	0.000965	0.000965	0.00000502	0.00319	0.00066	0.0244	0.00926	0.00000528	9.08	0.00000934	0.000324	0.000108	0.000949

Appendix D.2-12: TIRI01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Nov	80.6	0.0343	0.148	0.00334	28	0.0371	24.9	0.000965	0.000965	0.00000502	0.0032	0.000666	0.0247	0.00929	0.00000529	9.11	0.00000941	0.000329	0.000108	0.000953
2037 Dec	80.7	0.0344	0.148	0.00335	28	0.0371	24.9	0.000965	0.000965	0.00000502	0.0032	0.000666	0.0247	0.00929	0.00000529	9.12	0.00000941	0.000329	0.000108	0.000953
2038 Jan	80.7	0.0344	0.148	0.00335	28	0.0371	24.9	0.000965	0.000965	0.00000502	0.0032	0.000666	0.0247	0.00929	0.00000529	9.12	0.00000941	0.000329	0.000108	0.000953
2038 Feb	80.7	0.0344	0.148	0.00335	28	0.0371	24.9	0.000965	0.000965	0.00000502	0.0032	0.000666	0.0247	0.00929	0.00000529	9.12	0.00000941	0.000329	0.000108	0.000953
2038 Mar	80.7	0.0344	0.148	0.00335	28	0.0371	24.9	0.000965	0.000965	0.00000502	0.0032	0.000666	0.0247	0.00929	0.00000529	9.12	0.00000941	0.000329	0.000108	0.000953
2038 Apr	80.7	0.0344	0.148	0.00335	28	0.0371	24.9	0.000965	0.000965	0.00000502	0.0032	0.000666	0.0247	0.00929	0.00000529	9.12	0.00000941	0.00033	0.000109	0.000953
2038 May	81.9	0.0348	0.149	0.00339	28.4	0.0374	25.4	0.000964	0.000964	0.00000503	0.00322	0.000679	0.0252	0.00938	0.0000053	9.21	0.00000954	0.000335	0.00011	0.000958
2038 Jun	86.1	0.0353	0.148	0.00347	29.4	0.0383	27.8	0.000958	0.000958	0.00000501	0.00325	0.000728	0.0271	0.0097	0.00000532	9.48	0.00001	0.000356	0.000113	0.000977
2038 Jul	76.8	0.0307	0.126	0.0031	26.1	0.0366	24.1	0.000967	0.000967	0.00000502	0.00316	0.000654	0.0235	0.00931	0.00000528	9.03	0.00000931	0.000319	0.000105	0.000954
2038 Aug	71.7	0.0281	0.114	0.0029	24.3	0.0356	22.2	0.000972	0.000972	0.00000503	0.00312	0.000612	0.0217	0.00912	0.00000527	8.8	0.0000089	0.000293	0.000102	0.000934
2038 Sep	68.9	0.0267	0.107	0.00278	23.3	0.0351	21	0.000973	0.000973	0.00000503	0.00312	0.000586	0.0207	0.00903	0.00000525	8.69	0.00000865	0.000273	0.000103	0.000917
2038 Oct	68.2	0.0264	0.106	0.00275	23	0.0349	20.8	0.000973	0.000973	0.00000502	0.00312	0.000579	0.0205	0.00901	0.00000524	8.67	0.00000859	0.000267	0.000104	0.000913
2038 Nov	68.4	0.0265	0.107	0.00276	23.1	0.035	20.8	0.000973	0.000973	0.00000503	0.00312	0.00058	0.0206	0.00902	0.00000524	8.68	0.0000086	0.000268	0.000104	0.000914
2038 Dec	68.5	0.0266	0.107	0.00277	23.1	0.035	20.8	0.000973	0.000973	0.00000503	0.00312	0.00058	0.0206	0.00902	0.00000524	8.68	0.0000086	0.000269	0.000104	0.000914
2039 Jan	68.5	0.0266	0.107	0.00277	23.1	0.035	20.8	0.000973	0.000973	0.00000503	0.00312	0.00058	0.0206	0.00902	0.00000524	8.68	0.0000086	0.000269	0.000104	0.000914
2039 Feb	68.5	0.0266	0.107	0.00277	23.1	0.035	20.8	0.000973	0.000973	0.00000503	0.00312	0.00058	0.0206	0.00902	0.00000524	8.68	0.0000086	0.000269	0.000104	0.000914
2039 Mar	68.5	0.0266	0.107	0.00277	23.1	0.035	20.8	0.000973	0.000973	0.00000503	0.00312	0.00058	0.0206	0.00902	0.00000524	8.68	0.0000086	0.000269	0.000104	0.000914
2039 Apr	68.5	0.0266	0.107	0.00277	23.1	0.035	20.8	0.000974	0.000974	0.00000503	0.00312	0.00058	0.0206	0.00902	0.00000525	8.68	0.0000086	0.000269	0.000104	0.000915
2039 May	68.6	0.0266	0.107	0.00277	23.1	0.035	20.9	0.000974	0.000974	0.00000503	0.00312	0.000581	0.0207	0.00903	0.00000525	8.69	0.00000862	0.000269	0.000104	0.000915
2039 Jun	72.2	0.0294	0.122	0.00297	24.2	0.0358	22.4	0.000969	0.000969	0.00000502	0.00316	0.000614	0.0223	0.00912	0.00000526	8.86	0.00000899	0.0003	0.000105	0.000933
2039 Jul	72.6	0.0292	0.12	0.00298	24.1	0.0361	23	0.000966	0.000966	0.00000501	0.00315	0.000625	0.0227	0.00911	0.00000526	8.86	0.00000909	0.000307	0.000103	0.000939
2039 Aug	70.6	0.0282	0.116	0.00291	23.4	0.0357	22.2	0.000968	0.000968	0.00000502	0.00314	0.00061	0.022	0.00904	0.00000525	8.78	0.00000893	0.000299	0.000102	0.000931
2039 Sep	68.1	0.0269	0.11	0.0028	22.5	0.0352	21.1	0.000971	0.000971	0.00000502	0.00313	0.000586	0.0211	0.00897	0.00000524	8.68	0.0000087	0.000281	0.000103	0.000918
2039 Oct	67.2	0.0265	0.108	0.00276	22.2	0.035	20.8	0.000971	0.000971	0.00000502	0.00313	0.000578	0.0207	0.00894	0.00000523	8.64	0.00000862	0.000275	0.000103	0.000914
2039 Nov	67.3	0.0266	0.109	0.00277	22.2	0.035	20.8	0.000971	0.000971	0.00000502	0.00313	0.000578	0.0208	0.00894	0.00000524	8.65	0.00000863	0.000276	0.000103	0.000914
2039 Dec	67.3	0.0266	0.109	0.00277	22.2	0.035	20.8	0.000972	0.000972	0.00000502	0.00313	0.000578	0.0208	0.00894	0.00000524	8.65	0.00000863	0.000276	0.000103	0.000914
2040 Jan	67.3	0.0266	0.109	0.00277	22.2	0.035	20.8	0.000972	0.000972	0.00000502	0.00313	0.000578	0.0208	0.00894	0.00000524	8.65	0.00000863	0.000276	0.000103	0.000915
2040 Feb	67.3	0.0266	0.109	0.00277	22.2	0.035	20.8	0.000972	0.000972	0.00000502	0.00313	0.000578	0.0208	0.00894	0.00000524	8.65	0.00000863	0.000276	0.000103	0.000915
2040 Mar	67.3	0.0266	0.109	0.00277	22.2	0.035	20.8	0.000972	0.000972	0.00000502	0.00313	0.000578	0.0208	0.00894	0.00000524	8.65	0.00000863	0.000276	0.000103	0.000915
2040 Apr	67.3	0.0266	0.109	0.00277	22.2	0.035	20.8	0.000972	0.000972	0.00000502	0.00313	0.000578	0.0208	0.00894	0.00000524	8.65	0.00000863	0.000276	0.000103	0.000915
2040 May	67.5	0.0267	0.109	0.00278	22.2	0.0351	20.9	0.000972	0.000972	0.00000502	0.00313	0.00058	0.0208	0.00896	0.00000524	8.67	0.00000865	0.000277	0.000103	0.000916
2040 Jun	68.4	0.0268	0.108	0.0028	22.4	0.0353	21.5	0.000969	0.000969	0.00000501	0.00314	0.000594	0.0213	0.00904	0.00000524	8.74	0.00000879	0.000282	0.000104	0.00092
2040 Jul	66.5	0.0259	0.104	0.00273	21.7	0.035	20.8	0.000971	0.000971	0.00000502	0.00311	0.000581	0.0207	0.00896	0.00000524	8.64	0.00000865	0.000277	0.000102	0.000918
2040 Aug	64.8	0.0251	0.1	0.00266	21.1	0.0347	20.2	0.000973	0.000973	0.00000502	0.0031	0.000567	0.02	0.0089	0.00000523	8.57	0.00000851	0.000269	0.000101	0.000912
2040 Sep	63.4	0.0244	0.0972	0.0026	20.6	0.0344	19.5	0.000975	0.000975	0.00000502	0.0031	0.000554	0.0195	0.00886	0.00000522	8.51	0.00000838	0.00026	0.000101	0.000904
2040 Oct	62.6	0.024	0.0953	0.00257	20.3	0.0342	19.2	0.000975	0.000975	0.00000502	0.00309	0.000545	0.0192	0.00883	0.00000522	8.48	0.0000083	0.000254	0.000101	0.0009
2040 Nov	62.6	0.0241	0.0956	0.00257	20.3	0.0342	19.2	0.000976	0.000976	0.00000502	0.0031	0.000546	0.0192	0.00883	0.00000522	8.49	0.00000831	0.000254	0.000101	0.000901
2040 Dec	62.6	0.0241	0.0956	0.00257	20.3	0.0342	19.2	0.000976	0.000976	0.00000502	0.0031	0.000546	0.0192	0.00883	0.00000522	8.49	0.00000831	0.000255	0.000101	0.000901
2041 Jan	62.6	0.0241	0.0956	0.00257	20.3	0.0342	19.2	0.000976	0.000976	0.00000502	0.0031	0.000546	0.0192	0.00883	0.00000522	8.49	0.00000831	0.000255	0.000101	0.000901
2041 Feb	62.6	0.0241	0.0956	0.00257	20.3	0.0342	19.2	0.000976	0.000976	0.00000502	0.0031	0.000546	0.0192	0.00883	0.00000522	8.49	0.00000831	0.000255	0.000101	0.000901
2041 Mar	62.6	0.0241	0.0956	0.00257	20.3	0.0342	19.2	0.000976	0.000976	0.00000502	0.0031	0.000546	0.0192	0.00883	0.00000522	8.49	0.00000831	0.000255	0.000101	0.000901
2041 Apr	62.6	0.0241	0.0956	0.00257	20.3	0.0342	19.2	0.000976	0.000976	0.00000502	0.0031	0.000546	0.0192	0.00883	0.00000522	8.49	0.00000831	0.000255	0.000101	0.000901
2041 May	62.9	0.0243	0.0969	0.00259	20.4	0.0343	19.3	0.000976	0.000976	0.00000503	0.0031	0.000548	0.0193	0.00884	0.00000522	8.51	0.00000833	0.000257	0.000101	0.000903
2041 Jun	63.1	0.0244	0.0974	0.0026	20.4	0.0344	19.5	0.000974	0.000974	0.00000502	0.0031	0.000553	0.0195	0.00885	0.00000522	8.52	0.0000084	0.000261	0.000101	0.000905
2041 Jul	62.7	0.024	0.0951	0.00258	20.1	0.0343	19.6	0.000972	0.000972	0.00000501	0.00309	0.000554	0.0195	0.00882	0.00000521	8.48	0.00000841	0.000262	0.0000997	0.000905
2041 Aug	61.3	0.0233	0.0919	0.00252	19.6	0.0341	19	0.000975	0.000975	0.00000502	0.00308	0.000542	0.019	0.00877	0.00000521	8.42	0.00000829	0.000255	0.0000991	0.0009
2041 Sep	60.3	0.0228	0.0897	0.00248	19.3	0.0338	18.5	0.000976	0.000976	0.00000502	0.00308	0.000532	0.0186	0.00874	0.00000521	8.39	0.00000819	0.000248	0.0000995	0.000894
2041 Oct	59.9	0.0227	0.089	0.00246	19.1	0.0337	18.4	0.000976	0.000976	0.00000502	0.00308	0.000528	0.0184	0.00873	0.00000521	8.38	0.00000815	0.000245	0.0000997	0.000893
2041 Nov	59.9	0.0227	0.0893	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000529	0.0185	0.00873	0.00000521	8.38	0.00000816	0.000246	0.0000997	0.000893
2041 Dec	59.9	0.0227	0.0893	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000529	0.0185	0.00873	0.00000521	8.38	0.00000816	0.000246	0.0000997	0.000893
2042 Jan	60	0.0227	0.0894	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000529	0.0185	0.00873	0.00000521	8.38	0.00000816	0.000246	0.0000997	0.000893
2042 Feb	60	0.0227	0.0894	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000529	0.0185	0.00873	0.00000521	8.38	0.00000816	0.000246	0.0000997	0.000893
2042 Mar	60	0.0227	0.0894	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000529	0.0185	0.00873	0.00000521	8.38	0.00000816	0.000246	0.0000997	0.000893
2042 Apr	60	0.0228	0.0894	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000529	0.0185	0.00874	0.00000521	8.38	0.00000816	0.000246	0.0000997	0.000893
2042 May	60.1	0.0228	0.0896	0.00247	19.2	0.0338	18.4	0.000977	0.000977	0.00000502	0.00308	0.00053	0.0185	0.00874	0.00000521	8.39	0.00000817	0.000247	0.0000998	0.000894
2042 Jun	60	0.0227	0.0888	0.00247	19.1	0.0338	18.5	0.000976	0.000976	0.00000502	0.00308	0.000532	0.0186	0.00874	0.00000521	8.38	0.0000082	0.000247	0.0000994	0.000895
2042 Jul	59.4	0.0223	0.0871	0.00245	18.8	0.0337	18.4	0.000976	0.000976	0.00000502	0.00307	0.000529	0.0184	0.00871	0.0000052	8.35	0.00000817	0.000247	0.0000983	0.000895
2042 Aug	59	0.0222	0.0865	0.00243	18.6	0.0337	18.3	0.000975	0.000975	0.00000501	0.00307	0.000527	0.0183	0.00869	0.0000052	8.34	0.00000814	0.000247	0.0000981	0.000893
2042 Sep	58.2	0.0219	0.0849	0.0024	18.3	0.0335	18	0.000976	0.000976	0.00000501	0.00307	0.00052	0.0181	0.00867	0.0000052	8.31	0.00000807	0.000242	0.0000985	0.000889
2042 Oct	57.9	0.0217	0.0843	0.00239	18.2	0.0335	17.8	0.000976	0.000976	0.00000501	0.00307	0.000517	0.018	0.00866	0.00000519	8.3	0.00000804	0.00024	0.0000986	0.000887
2042 Nov	58	0.0218	0.0845	0.00239	18.2	0.0335	17.8	0.000976	0.000976	0.00000501	0.00307	0.000517	0.018	0.00866	0.00000519	8.31	0.00000805	0.00024	0.0000986	0.000887
2042 Dec	58	0.0218	0.0845	0.00239	18.2	0.0335	17.8	0.000976	0.000976	0.00000501	0.00307	0.000517	0.018	0.00866	0.00000519	8.31	0.00000805	0.00024	0.0000986	0.000887
2043 Jan	58	0.0218	0.0845	0.00239	18.2	0.0335	17.8	0.000976	0.000976	0.00000501	0.00307	0.000517	0.018	0.00866	0.00000519	8.31	0.00000805	0.00024	0.0000986	0.000888
2043 Feb	58	0.0218	0.0845	0.00239	18.2	0.0335	17.8	0.000976	0.000976	0.00000501	0.00307	0.000517	0.018	0.00866	0.00000519	8.31	0.00000805	0.00024	0.0000986	0.000888
2043 Mar	58	0.0218	0.0845	0.00239	18.2	0.0335	17.8	0.000976	0.000976	0.00000501	0.00307	0.000517	0.018	0.00866	0.00000519	8.31	0.00000805	0.00024	0.0000986	0.000888
2043 Apr	58	0.0218	0.0845	0.00239	18.2	0.0335	17.9	0.000976	0.000976	0.00000501	0.00307	0.000518	0.018	0.00866	0.00000519	8.31	0.00000805	0.00024	0.0000987	0.000888
2043 May	58	0.0218	0.0847	0.0024	18.2	0.0335	17.9	0.000977	0.000977	0.00000502	0.00307	0.000518	0.018	0.00867	0.0000052	8.32	0.00000806	0.000241	0.0000988	0.000888
2043 Jun	57.9	0.0217	0.0838	0.00239	18.1	0.0335	17.9	0.000976	0.000976	0.00000501	0.00307	0.000519	0.018	0.00868	0.00000519	8.32	0.00000807	0.000241	0.0000987	0.000888
2043 Jul	56.9	0.0213	0.0818	0.00235	17.8	0.0333	17.5	0.000978	0.000978	0.00000502	0.00306	0.000512	0.0176	0.00865	0.0000052	8.28	0.00000799	0.000238	0.0000976	0.000888
2043 Aug	56.1	0.0209	0.0799	0.00232	17.5	0.0332	17.1	0.00098	0.00098	0.00000503	0.00305	0.000505	0.0172	0.00862	0.0000052	8.24	0.00000792	0.000234	0.0000972	0.000885
2043 Sep	55.4	0.0205	0.0785	0.00229	17.3	0.033	16.8	0.000981	0.000981	0.00000503	0.00305	0.000498	0.017	0.0086	0.00000519	8.22	0.00000785	0.000229	0.0000975	0.000881
2043 Oct	55.1	0.0204	0.0781	0.00228	17.2	0.033	16.6	0.000981	0.000981	0.00000503	0.00305	0.000495	0.0169	0.00859	0.00000519	8.21	0.00000782	0.000228	0.0000976	0.00088
2043 Nov	55.2	0.0205	0.0784	0.00228	17.2	0.033	16.7	0.00098	0.00098	0.00000503	0.00305	0.000496	0.0169	0.0086	0.00000519	8.22	0.00000783	0.000229	0.0000976	0.00088
2043 Dec	55.2	0.0205	0.0784	0.00228	17.2	0.033	16.7	0.00098	0.00098	0.00000503	0.00305	0.000496	0.0169	0.0086	0.00000519	8.22	0.00000783	0.000229	0.0000977	0.000881

Appendix D.2-12: TIRI01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0182	0.0000357	19.6	22.7	0.168	0.00716	191	0.0363	0.00373	0.000063	0.0019	0.000891	1.08	0.00000332	0.00589	0.00122	0.0025	0
Operation (2026-2036): Mean	0.0242	0.0000459	25.3	34.3	0.223	0.00947	400	0.0491	0.0116	0.0000856	0.00249	0.00117	1.4	0.00000386	0.00754	0.0016	0.00289	0
Operation (2026-2036): Max	0.0407	0.0000538	29.9	42.5	0.266	0.0113	596	0.0593	0.0195	0.000253	0.003	0.0014	1.67	0.00000427	0.00894	0.00189	0.00328	0
Active Closure (2037-2043): Min	0.0135	0.00000187	1.53	1.92	0.00876	0.000324	7.84	0.00174	0.0047	0.0000432	0.000087	0.0000705	0.0663	0.00000205	0.000223	0.000105	0.000865	0
Active Closure (2037-2043): Mean	0.0148	0.00000489	3.1	4.2	0.0236	0.000935	26.4	0.00495	0.00557	0.0000492	0.000249	0.000145	0.156	0.00000218	0.000697	0.000212	0.001	0
Active Closure (2037-2043): Max	0.0374	0.0000462	24.2	36.3	0.222	0.00923	297	0.049	0.0193	0.000189	0.00246	0.00115	1.37	0.00000387	0.00699	0.00163	0.00294	0
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2043)																		
2026 Jan	0.0226	0.0000394	23.3	25.3	0.192	0.00844	407	0.0413	0.0108	0.0000994	0.00214	0.00102	1.26	0.00000354	0.00729	0.00132	0.0025	0
2026 Feb	0.0227	0.0000394	23.3	25.3	0.192	0.00843	406	0.0413	0.0108	0.0000998	0.00214	0.00102	1.26	0.00000354	0.00729	0.00132	0.0025	0
2026 Mar	0.0228	0.0000394	23.3	25.3	0.192	0.00843	406	0.0413	0.0108	0.0001	0.00214	0.00102	1.26	0.00000354	0.00728	0.00132	0.0025	0
2026 Apr	0.0228	0.0000395	23.3	25.3	0.193	0.00844	407	0.0413	0.0108	0.0001	0.00214	0.00102	1.26	0.00000355	0.00729	0.00132	0.0025	0
2026 May	0.023	0.0000399	23.5	25.8	0.195	0.00852	409	0.0418	0.0109	0.000101	0.00216	0.00103	1.27	0.00000358	0.00734	0.00134	0.00253	0
2026 Jun	0.0243	0.0000377	21.5	24.6	0.181	0.0078	369	0.0388	0.0138	0.0000968	0.00203	0.000954	1.16	0.00000345	0.00662	0.0013	0.00256	0
2026 Jul	0.0232	0.0000399	22.8	26.6	0.192	0.00833	392	0.0416	0.0121	0.0000928	0.00216	0.00102	1.24	0.00000358	0.00703	0.00137	0.00265	0
2026 Aug	0.0198	0.0000471	27.2	33.7	0.231	0.01	461	0.051	0.00638	0.0000813	0.00261	0.00123	1.49	0.00000395	0.00829	0.0016	0.00289	0
2026 Sep	0.0193	0.0000528	29.8	40.5	0.262	0.0112	494	0.0581	0.00382	0.0000808	0.00295	0.00138	1.65	0.00000422	0.00891	0.00184	0.00319	0
2026 Oct	0.0244	0.0000484	26	37.7	0.234	0.00987	422	0.052	0.0122	0.0000728	0.00262	0.00123	1.46	0.00000398	0.00762	0.00169	0.00302	0
2026 Nov	0.0254	0.0000472	25.2	36.6	0.227	0.00956	407	0.0504	0.014	0.0000711	0.00254	0.00119	1.41	0.00000393	0.00736	0.00164	0.00297	0
2026 Dec	0.0256	0.0000469	25	36.3	0.225	0.0095	404	0.05	0.0144	0.0000707	0.00252	0.00118	1.4	0.00000392	0.00731	0.00163	0.00295	0
2027 Jan	0.0259	0.0000468	25	36.2	0.225	0.00946	403	0.0498	0.0146	0.0000719	0.00251	0.00118	1.4	0.00000391	0.00728	0.00163	0.00295	0
2027 Feb	0.0263	0.0000467	24.9	36.1	0.224	0.00944	402	0.0497	0.0147	0.0000739	0.00251	0.00117	1.4	0.0000039	0.00727	0.00163	0.00294	0
2027 Mar	0.0265	0.0000467	24.9	36.1	0.225	0.00943	402	0.0497	0.0148	0.0000753	0.0025	0.00117	1.4	0.00000391	0.00726	0.00163	0.00294	0
2027 Apr	0.0269	0.000047	25	36.3	0.226	0.00949	404	0.05	0.015	0.0000769	0.00252	0.00118	1.41	0.00000393	0.0073	0.00164	0.00296	0
2027 May	0.028	0.0000509	26.7	40.9	0.247	0.0102	480	0.0547	0.0145	0.0000827	0.00275	0.00128	1.51	0.00000416	0.00769	0.00181	0.00322	0
2027 Jun	0.0255	0.0000379	20.4	26.2	0.178	0.00751	389	0.0386	0.0163	0.0000863	0.00202	0.000933	1.12	0.00000344	0.00612	0.00134	0.00271	0
2027 Jul	0.0216	0.00004	23	26.5	0.192	0.00837	421	0.0418	0.0113	0.0000817	0.00217	0.00102	1.25	0.00000358	0.00711	0.00136	0.00266	0
2027 Aug	0.0182	0.000049	28.5	35.5	0.242	0.0105	563	0.0536	0.00406	0.0000784	0.00273	0.00129	1.56	0.00000404	0.00868	0.00167	0.00296	0
2027 Sep	0.0211	0.00005	27.9	38.2	0.245	0.0105	596	0.0545	0.00736	0.000076	0.00276	0.0013	1.55	0.00000407	0.0083	0.00173	0.00306	0
2027 Oct	0.0209	0.0000499	27.9	38.1	0.245	0.0105	595	0.0544	0.00712	0.0000759	0.00276	0.0013	1.55	0.00000406	0.00832	0.00173	0.00305	0
2027 Nov	0.0207	0.0000487	27.4	36.5	0.239	0.0102	572	0.0529	0.00748	0.0000745	0.00269	0.00126	1.52	0.000004	0.00822	0.00167	0.00297	0
2027 Dec	0.0209	0.0000486	27.3	36.5	0.238	0.0102	572	0.0528	0.00776	0.0000743	0.00268	0.00126	1.51	0.000004	0.00818	0.00167	0.00297	0
2028 Jan	0.0212	0.0000485	27.2	36.4	0.237	0.0102	570	0.0526	0.00796	0.0000754	0.00267	0.00126	1.51	0.00000399	0.00815	0.00167	0.00296	0
2028 Feb	0.0216	0.0000484	27.2	36.3	0.237	0.0102	568	0.0525	0.00809	0.0000773	0.00266	0.00125	1.5	0.00000399	0.00813	0.00167	0.00296	0
2028 Mar	0.0218	0.0000483	27.1	36.3	0.237	0.0101	568	0.0524	0.00818	0.0000785	0.00266	0.00125	1.5	0.00000398	0.00812	0.00167	0.00296	0
2028 Apr	0.022	0.0000485	27.2	36.4	0.238	0.0102	569	0.0526	0.00826	0.0000797	0.00267	0.00126	1.51	0.00000399	0.00814	0.00168	0.00296	0
2028 May	0.0224	0.0000492	27.6	37	0.242	0.0103	577	0.0533	0.00839	0.0000814	0.00271	0.00127	1.53	0.00000405	0.00825	0.0017	0.00301	0
2028 Jun	0.0239	0.0000375	20.8	25.1	0.177	0.00759	361	0.0384	0.0147	0.0000831	0.00201	0.000935	1.13	0.00000342	0.00633	0.00131	0.00263	0
2028 Jul	0.0223	0.0000404	23.1	26.8	0.193	0.00842	374	0.0421	0.0118	0.0000833	0.00219	0.00103	1.25	0.00000362	0.00713	0.00137	0.0027	0
2028 Aug	0.0202	0.0000462	26.8	32.3	0.226	0.00983	449	0.0496	0.00733	0.0000818	0.00255	0.0012	1.46	0.00000394	0.00821	0.00156	0.00288	0
2028 Sep	0.0192	0.0000482	27.8	34.9	0.237	0.0103	483	0.0524	0.00566	0.0000763	0.00267	0.00126	1.52	0.00000399	0.00847	0.00163	0.00292	0
2028 Oct	0.026	0.0000412	22.1	30.1	0.194	0.00833	407	0.0429	0.0174	0.0000635	0.00217	0.00102	1.23	0.0000036	0.00656	0.00139	0.00261	0
2028 Nov	0.0266	0.0000412	22	30.2	0.193	0.00828	408	0.0427	0.0182	0.0000633	0.00216	0.00102	1.22	0.0000036	0.00649	0.00139	0.00262	0
2028 Dec	0.0268	0.000041	21.9	30	0.192	0.00824	405	0.0425	0.0184	0.000063	0.00214	0.00101	1.22	0.0000036	0.00645	0.00139	0.00261	0
2029 Jan	0.027	0.0000409	21.8	30	0.192	0.00822	404	0.0424	0.0186	0.0000639	0.00214	0.00101	1.21	0.00000359	0.00643	0.00139	0.00261	0
2029 Feb	0.0272	0.0000408	21.8	29.9	0.192	0.0082	404	0.0423	0.0186	0.0000652	0.00214	0.00101	1.21	0.00000359	0.00642	0.00139	0.00261	0
2029 Mar	0.0274	0.0000408	21.8	29.9	0.192	0.0082	403	0.0423	0.0187	0.0000661	0.00213	0.00101	1.21	0.00000359	0.00642	0.00139	0.00261	0
2029 Apr	0.0275	0.0000408	21.8	29.9	0.192	0.0082	403	0.0423	0.0187	0.0000668	0.00213	0.00101	1.21	0.00000359	0.00642	0.00139	0.00261	0
2029 May	0.0279	0.0000422	22.3	31.5	0.199	0.00845	427	0.0439	0.0186	0.0000689	0.00221	0.00104	1.25	0.00000367	0.00655	0.00145	0.0027	0
2029 Jun	0.0288	0.0000414	21.3	31.2	0.194	0.00803	423	0.0426	0.0194	0.0000822	0.00218	0.00101	1.2	0.00000364	0.00616	0.00149	0.00289	0
2029 Jul	0.0227	0.0000357	20.2	22.7	0.168	0.00732	281	0.0363	0.0141	0.0000811	0.00191	0.000895	1.09	0.00000332	0.00627	0.00122	0.00251	0
2029 Aug	0.0186	0.0000461	26.9	32.4	0.226	0.0099	416	0.0499	0.00571	0.0000767	0.00255	0.00121	1.47	0.00000389	0.00828	0.00155	0.00282	0
2029 Sep	0.0185	0.0000492	28.5	35.9	0.243	0.0105	469	0.0538	0.00445	0.0000765	0.00274	0.0013	1.56	0.00000404	0.00866	0.00167	0.00295	0
2029 Oct	0.0199	0.0000506	28.6	38.4	0.25	0.0107	510	0.0554	0.00554	0.0000771	0.00281	0.00132	1.58	0.0000041	0.00855	0.00175	0.00307	0
2029 Nov	0.0212	0.0000455	25.6	33.4	0.221	0.00956	437	0.049	0.00943	0.0000703	0.00249	0.00117	1.41	0.00000382	0.00773	0.00155	0.00279	0
2029 Dec	0.0215	0.0000453	25.5	33.2	0.22	0.0095	435	0.0487	0.00987	0.00007	0.00247	0.00117	1.41	0.00000381	0.00767	0.00154	0.00278	0
2030 Jan	0.0217	0.0000452	25.4	33.1	0.22	0.00947	434	0.0485	0.01	0.0000708	0.00246	0.00116	1.4	0.0000038	0.00765	0.00154	0.00277	0
2030 Feb	0.022	0.0000451	25.4	33.1	0.22	0.00946	433	0.0485	0.0101	0.0000722	0.00246	0.00116	1.4	0.0000038	0.00764	0.00154	0.00277	0
2030 Mar	0.0221	0.0000451	25.4	33.1	0.22	0.00945	433	0.0484	0.0102	0.0000731	0.00246	0.00116	1.4	0.0000038	0.00763	0.00154	0.00277	0
2030 Apr	0.0223	0.0000451	25.4	33.1	0.22	0.00945	433	0.0484	0.0102	0.0000738	0.00246	0.00116	1.4	0.0000038	0.00763	0.00154	0.00277	0
2030 May	0.0225	0.0000455	25.6	33.4	0.222	0.00953	437	0.0489	0.0103	0.0000749	0.00248	0.00117	1.41	0.00000383	0.00769	0.00156	0.0028	0
2030 Jun	0.0237	0.0000378	21	25.2	0.178	0.0077	302	0.0388	0.0146	0.0000801	0.00202	0.000945	1.15	0.00000343	0.00643	0.0013	0.00259	0
2030 Jul	0.0205	0.0000439	25.2	30.7	0.213	0.00927	358	0.0469	0.00843	0.0000807	0.00241	0.00114	1.38	0.00000377	0.00772	0.00149	0.00279	0
2030 Aug	0.0185	0.000049	28.5	35.2	0.242	0.0105	414	0.0535	0.00431	0.0000785	0.00273	0.00129	1.56	0.00000406	0.00874	0.00165	0.00294	0
2030 Sep	0.0183	0.0000502	29.3	36.4	0.248	0.0108	430	0.055	0.00373	0.0000786	0.0028	0.00133	1.6	0.00000413	0.00894	0.0017	0.003	0
2030 Oct	0.0185	0.000049	28.3	35.9	0.242	0.0105	429	0.0537	0.00451	0.000076	0.00273	0.00129	1.56	0.00000402	0.00862	0.00167	0.00294	0
2030 Nov	0.0198	0.0000472	27	34.5	0.232	0.01	413	0.0513	0.00691	0.0000732	0.00261	0.00123	1.49	0.00000392	0.00819	0.0016	0.00286	0
2030 Dec	0.0201	0.0000469	26.8	34.2	0.23	0.00995	409	0.0508	0.00741	0.0000727	0.00258	0.00122	1.47	0.0000039	0.00811	0.00159	0.00285	0
2031 Jan	0.0203	0.0000468	26.7	34.1	0.229	0.00992	408	0.0506	0.00761	0.0000737	0.00257	0.00122	1.47	0.0000039	0.00809	0.00159	0.00284	0
2031 Feb	0.0207	0.0000467	26.6	34.1	0.229	0.0099	407	0.0505	0.00773	0.0000754	0.00257	0.00122	1.47	0.00000389	0.00807	0.00159	0.00284	0
2031 Mar	0.0209	0.0000467	26.6	34	0.229	0.00989	407	0.0505	0.00781	0.0000766	0.00257	0.00121	1.46	0.00000389	0.00806	0.00159	0.00284	0
2031 Apr	0.0211	0.0000468	26.7	34.2	0.23	0.00992	408	0.0507	0.0079	0.0000778	0.00258	0.00122	1.47	0.00000391	0.00809	0.0016	0.00285	0
2031 May	0.0236	0.000048	27.1	35.6	0.237	0.0101	426	0.0519	0.00862	0.0000996	0.00264	0.00124	1.5	0.00000399	0.00815	0.00167	0.00295	0

Appendix D.2-12: TIRI01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Jun	0.038	0.0000387	21.8	26.7	0.201	0.00789	281	0.04	0.0166	0.000247	0.00208	0.000986	1.2	0.0000035	0.00657	0.00149	0.00262	0
2031 Jul	0.0294	0.0000446	25.6	31.4	0.226	0.00936	334	0.0475	0.0111	0.00017	0.00244	0.00116	1.4	0.00000386	0.00778	0.00161	0.00285	0
2031 Aug	0.0197	0.0000516	29.3	38.9	0.256	0.0109	441	0.0566	0.00431	0.000086	0.00288	0.00135	1.62	0.00000418	0.00882	0.00178	0.00312	0
2031 Sep	0.0226	0.000053	28.7	42.5	0.26	0.0109	516	0.0581	0.00791	0.000079	0.00293	0.00136	1.61	0.00000423	0.00838	0.00188	0.00328	0
2031 Oct	0.0254	0.0000495	26.2	39.6	0.239	0.00999	485	0.0533	0.013	0.0000736	0.00268	0.00125	1.48	0.00000404	0.00757	0.00175	0.00311	0
2031 Nov	0.0268	0.0000501	26	40.8	0.241	0.00999	510	0.0538	0.0145	0.0000738	0.0027	0.00126	1.48	0.00000407	0.00743	0.00178	0.00318	0
2031 Dec	0.027	0.0000498	25.8	40.5	0.239	0.00991	506	0.0534	0.0148	0.0000734	0.00268	0.00125	1.47	0.00000406	0.00737	0.00177	0.00316	0
2032 Jan	0.0272	0.0000497	25.7	40.4	0.239	0.00988	504	0.0532	0.015	0.0000743	0.00267	0.00124	1.46	0.00000405	0.00734	0.00177	0.00315	0
2032 Feb	0.0275	0.0000496	25.7	40.3	0.239	0.00986	503	0.0532	0.0151	0.000076	0.00267	0.00124	1.46	0.00000405	0.00733	0.00177	0.00315	0
2032 Mar	0.0277	0.0000496	25.7	40.3	0.239	0.00986	503	0.0531	0.0151	0.000077	0.00267	0.00124	1.46	0.00000405	0.00732	0.00177	0.00315	0
2032 Apr	0.0279	0.0000496	25.7	40.3	0.239	0.00987	504	0.0532	0.0152	0.000078	0.00267	0.00124	1.46	0.00000405	0.00734	0.00178	0.00316	0
2032 May	0.0282	0.0000505	26.2	41.1	0.244	0.01	512	0.0541	0.0151	0.0000797	0.00272	0.00126	1.49	0.00000411	0.00746	0.00181	0.00321	0
2032 Jun	0.0267	0.0000389	20.5	27.9	0.182	0.00761	304	0.0398	0.0174	0.0000857	0.00206	0.000952	1.14	0.00000349	0.00605	0.0014	0.00279	0
2032 Jul	0.021	0.0000404	23.1	27.5	0.194	0.00844	258	0.0425	0.0103	0.0000795	0.0022	0.00103	1.26	0.00000355	0.00708	0.00138	0.00266	0
2032 Aug	0.0209	0.0000484	26.9	36.4	0.236	0.0101	389	0.0523	0.00763	0.0000767	0.00266	0.00125	1.49	0.000004	0.00805	0.00166	0.003	0
2032 Sep	0.0196	0.0000494	28.1	36.5	0.243	0.0105	378	0.0537	0.00582	0.0000761	0.00273	0.00129	1.55	0.00000406	0.00849	0.00168	0.00299	0
2032 Oct	0.019	0.0000493	28.3	36.2	0.243	0.0105	368	0.0538	0.00503	0.0000762	0.00274	0.00129	1.56	0.00000405	0.0086	0.00168	0.00297	0
2032 Nov	0.0213	0.0000502	28	38.3	0.246	0.0105	416	0.0547	0.0076	0.0000763	0.00277	0.0013	1.55	0.00000409	0.00833	0.00174	0.00307	0
2032 Dec	0.0235	0.0000488	26.5	37.8	0.237	0.01	422	0.0526	0.0109	0.0000736	0.00266	0.00125	1.48	0.00000401	0.00781	0.0017	0.00303	0
2033 Jan	0.0243	0.0000484	26.3	37.4	0.235	0.00991	417	0.052	0.0115	0.0000764	0.00263	0.00123	1.47	0.00000399	0.00772	0.00169	0.00301	0
2033 Feb	0.0251	0.0000482	26.2	37.2	0.235	0.00987	416	0.0518	0.0118	0.0000805	0.00262	0.00123	1.46	0.00000398	0.00769	0.00169	0.003	0
2033 Mar	0.0256	0.0000481	26.1	37.2	0.235	0.00986	415	0.0518	0.012	0.0000829	0.00261	0.00123	1.46	0.00000398	0.00767	0.00169	0.003	0
2033 Apr	0.026	0.0000484	26.2	37.4	0.236	0.0099	417	0.052	0.0121	0.000085	0.00263	0.00123	1.47	0.000004	0.00771	0.0017	0.00302	0
2033 May	0.0387	0.000046	24.3	36.2	0.235	0.00914	406	0.0487	0.0171	0.000215	0.00248	0.00116	1.38	0.00000389	0.00701	0.00178	0.00304	0
2033 Jun	0.0374	0.00004	22.1	28.9	0.207	0.00808	272	0.0417	0.0161	0.000237	0.00215	0.00102	1.23	0.00000354	0.00656	0.00155	0.00271	0
2033 Jul	0.0297	0.0000436	24.7	31.1	0.221	0.00908	283	0.0463	0.0113	0.000174	0.00238	0.00113	1.36	0.00000375	0.00749	0.00159	0.0028	0
2033 Aug	0.0215	0.0000503	28.9	37	0.251	0.0107	349	0.0549	0.00531	0.000105	0.0028	0.00132	1.59	0.00000414	0.00877	0.00175	0.00306	0
2033 Sep	0.0217	0.0000493	27.4	37.7	0.241	0.0103	388	0.0536	0.0083	0.0000756	0.00271	0.00127	1.52	0.00000403	0.00814	0.00171	0.00303	0
2033 Oct	0.0247	0.0000446	24.1	33.7	0.213	0.00908	351	0.0473	0.0142	0.0000678	0.00239	0.00112	1.34	0.00000377	0.00709	0.00153	0.0028	0
2033 Nov	0.0255	0.0000437	23.4	33	0.208	0.00884	345	0.0461	0.0156	0.0000665	0.00233	0.00109	1.31	0.00000372	0.00688	0.0015	0.00276	0
2033 Dec	0.0256	0.0000436	23.3	32.9	0.207	0.00882	344	0.046	0.0158	0.0000664	0.00232	0.00109	1.3	0.00000372	0.00686	0.0015	0.00276	0
2034 Jan	0.0257	0.0000436	23.3	32.9	0.207	0.00881	344	0.0459	0.0158	0.0000668	0.00232	0.00109	1.3	0.00000372	0.00685	0.0015	0.00275	0
2034 Feb	0.0258	0.0000435	23.3	32.9	0.207	0.00881	344	0.0459	0.0158	0.0000674	0.00232	0.00109	1.3	0.00000372	0.00685	0.0015	0.00275	0
2034 Mar	0.0259	0.0000435	23.3	32.9	0.207	0.0088	343	0.0459	0.0159	0.0000678	0.00231	0.00109	1.3	0.00000372	0.00685	0.0015	0.00275	0
2034 Apr	0.026	0.0000436	23.3	32.9	0.208	0.00882	344	0.0459	0.0159	0.0000682	0.00232	0.00109	1.3	0.00000372	0.00686	0.0015	0.00276	0
2034 May	0.029	0.0000432	23.1	32.5	0.209	0.0087	336	0.0453	0.0168	0.000101	0.00229	0.00108	1.29	0.00000371	0.00678	0.00152	0.00277	0
2034 Jun	0.0407	0.0000375	20.5	26.5	0.195	0.0075	230	0.0384	0.0195	0.000253	0.00198	0.000942	1.14	0.00000341	0.0061	0.00147	0.00256	0
2034 Jul	0.031	0.000044	24.5	32.1	0.222	0.00907	288	0.0467	0.0129	0.000171	0.00239	0.00113	1.36	0.00000378	0.00735	0.0016	0.00282	0
2034 Aug	0.0247	0.0000489	27.8	35.8	0.243	0.0103	318	0.0528	0.00812	0.000122	0.00269	0.00127	1.53	0.00000408	0.00839	0.00171	0.00302	0
2034 Sep	0.0225	0.0000492	27.1	37.9	0.241	0.0102	374	0.0534	0.00918	0.0000768	0.0027	0.00127	1.51	0.00000403	0.00804	0.00171	0.00304	0
2034 Oct	0.0252	0.0000474	25.2	37.2	0.228	0.00959	392	0.0508	0.0137	0.0000711	0.00256	0.0012	1.42	0.00000392	0.00733	0.00166	0.00298	0
2034 Nov	0.0263	0.0000473	24.9	37.5	0.227	0.00949	403	0.0505	0.015	0.0000706	0.00254	0.00119	1.4	0.00000392	0.00718	0.00166	0.003	0
2034 Dec	0.0264	0.0000472	24.8	37.3	0.226	0.00946	402	0.0503	0.0152	0.0000704	0.00253	0.00118	1.4	0.00000392	0.00716	0.00166	0.00299	0
2035 Jan	0.0265	0.0000472	24.8	37.3	0.226	0.00945	402	0.0503	0.0153	0.000071	0.00253	0.00118	1.4	0.00000391	0.00714	0.00166	0.00299	0
2035 Feb	0.0266	0.0000471	24.7	37.3	0.226	0.00944	401	0.0502	0.0153	0.0000718	0.00253	0.00118	1.4	0.00000391	0.00714	0.00166	0.00299	0
2035 Mar	0.0268	0.0000471	24.7	37.3	0.226	0.00943	401	0.0502	0.0153	0.0000723	0.00252	0.00118	1.4	0.00000391	0.00714	0.00166	0.00299	0
2035 Apr	0.0269	0.0000472	24.8	37.4	0.227	0.00945	402	0.0503	0.0154	0.0000729	0.00253	0.00118	1.4	0.00000392	0.00715	0.00166	0.003	0
2035 May	0.0273	0.0000477	25.1	37.7	0.229	0.00957	401	0.0508	0.0154	0.0000783	0.00256	0.0012	1.42	0.00000396	0.00726	0.00168	0.00303	0
2035 Jun	0.0319	0.0000361	19.6	24.6	0.176	0.00716	191	0.0365	0.0183	0.000155	0.0019	0.000891	1.08	0.00000333	0.00589	0.00133	0.00256	0
2035 Jul	0.0269	0.0000395	22.3	26.9	0.193	0.00814	191	0.041	0.0139	0.000125	0.00213	0.001	1.22	0.00000355	0.00679	0.0014	0.00266	0
2035 Aug	0.0187	0.0000492	28.4	36.1	0.244	0.0105	276	0.0539	0.00429	0.0000814	0.00275	0.0013	1.56	0.00000404	0.00864	0.00168	0.00297	0
2035 Sep	0.0233	0.0000503	27.2	39.8	0.245	0.0103	364	0.0546	0.00995	0.0000752	0.00275	0.00129	1.52	0.00000408	0.00793	0.00177	0.00313	0
2035 Oct	0.0216	0.0000514	28.3	40.3	0.253	0.0107	357	0.0562	0.0074	0.0000772	0.00284	0.00133	1.58	0.00000414	0.00834	0.0018	0.00316	0
2035 Nov	0.0224	0.0000491	26.9	38.1	0.24	0.0102	336	0.0533	0.00939	0.0000741	0.00269	0.00126	1.5	0.00000401	0.00793	0.00171	0.00303	0
2035 Dec	0.0228	0.0000486	26.6	37.7	0.237	0.01	332	0.0526	0.0101	0.0000734	0.00266	0.00125	1.48	0.00000398	0.00782	0.00169	0.00301	0
2036 Jan	0.0231	0.0000485	26.5	37.6	0.236	0.00999	331	0.0525	0.0103	0.0000743	0.00265	0.00124	1.48	0.00000398	0.0078	0.00169	0.00301	0
2036 Feb	0.0233	0.0000485	26.4	37.5	0.236	0.00998	331	0.0524	0.0104	0.0000758	0.00265	0.00124	1.48	0.00000397	0.00779	0.00169	0.003	0
2036 Mar	0.0235	0.0000484	26.4	37.5	0.236	0.00997	331	0.0523	0.0104	0.0000767	0.00264	0.00124	1.48	0.00000397	0.00778	0.00169	0.003	0
2036 Apr	0.0237	0.0000486	26.5	37.7	0.237	0.01	332	0.0526	0.0104	0.0000777	0.00266	0.00124	1.48	0.00000399	0.00781	0.0017	0.00301	0
2036 May	0.0239	0.0000494	27	38.3	0.241	0.0102	335	0.0534	0.0103	0.0000794	0.0027	0.00127	1.51	0.00000405	0.00795	0.00173	0.00306	0
2036 Jun	0.024	0.0000417	22.9	30	0.2	0.00848	220	0.0437	0.0131	0.0000851	0.00226	0.00105	1.26	0.00000364	0.00686	0.00147	0.0028	0
2036 Jul	0.022	0.0000435	24.6	30.6	0.21	0.00907	199	0.0461	0.0101	0.0000831	0.00238	0.00112	1.35	0.00000376	0.0075	0.00149	0.00281	0
2036 Aug	0.02	0.0000482	27.8	34.6	0.237	0.0103	224	0.0522	0.00623	0.0000816	0.00267	0.00126	1.52	0.00000404	0.00848	0.00164	0.00296	0
2036 Sep	0.02	0.0000538	29.9	42.2	0.266	0.0113	324	0.0593	0.00437	0.000081	0.003	0.0014	1.67	0.00000427	0.00887	0.00189	0.00327	0
2036 Oct	0.0264	0.0000466	24.6	36.4	0.223	0.00935	293	0.0495	0.0155	0.0000699	0.00249	0.00117	1.38	0.00000389	0.00713	0.00163	0.00295	0
2036 Nov	0.0261	0.0000476	25.1	37.6	0.229	0.00957	307	0.0508	0.0146	0.0000711	0.00256	0.00119	1.42	0.00000394	0.00727	0.00167	0.00301	0
2036 Dec	0.0267	0.0000465	24.4	36.5	0.222	0.0093	299	0.0493	0.0159	0.0000695	0.00248	0.00116	1.37	0.00000388	0.00704	0.00163	0.00295	0
2037 Jan	0.0272	0.0000462	24.2	36.3	0.221	0.00923	297	0.049	0.0163	0.0000716	0.00246	0.00115	1.37	0.00000387	0.00699	0.00162	0.00294	0
2037 Feb	0.0278	0.0000461	24.1	36.2	0.221	0.0092	296	0.0488	0.0165	0.0000747	0.00246	0.00115	1.36	0.00000386	0.00696	0.00162	0.00293	0
2037 Mar	0.0282	0.0000461	24.1	36.2	0.221	0.00919	296	0.0488	0.0166	0.0000767	0.00245	0.00115	1.36	0.00000386	0.00696	0.00163	0.00293	0
2037 Apr	0.0285	0.0000461	24.1	36.2	0.222	0.0092	296	0.0488	0.0167	0.0000782	0.00246	0.00115	1.36	0.00000387	0.00697	0.00163	0.00294	0
2037 May	0.0374	0.0000417	22.1	31.4	0.209	0.00826	233	0.0433	0.0193	0.000189	0.0022	0.00104	1.24	0.00000364	0.00643	0.00157	0.00276	0
2037 Jun	0.0213	0.0000118	6.89	8.55	0.0605	0.00235	46.5	0.012	0.00789	0.000107	0.000617	0.000315	0.367	0.00000242	0.00192	0.000484	0.00132	0
2037 Jul	0.0163	0.0000044	2.84	3.55	0.0217	0.000835	18.5	0.00441	0.00532	0.0000656	0.000221	0.000132	0.14	0.00000215	0.000651	0.000205	0.000974	0
2037 Aug	0.015	0.00000315	2.19	2.74	0.0154	0.000587	13.8	0.00312	0.00488	0.000053	0.000155	0.000102	0.104	0.0000021	0.000444	0.000156	0.000918	0
2037 Sep	0.014	0.00000258	1.93	2.41	0.0126	0.000481	12	0.00254	0.00471	0.0000457	0.000127	0.0000894	0.0891	0.00000208	0.000354	0.000132	0.000893	0
2037 Oct	0.0136	0.00000253	1.92	2.4	0.0123	0.000473	12	0.00249	0.0047	0.0000455	0.000125	0.0000883	0.0882	0.00000208	0.000346	0.000129	0.00089	0

Appendix D.2-12: TIRI01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Nov	0.0137	0.00000255	1.94	2.42	0.0125	0.000479	12.1	0.00252	0.00471	0.0000455	0.000126	0.000089	0.0891	0.00000208	0.000351	0.00013	0.000891	0
2037 Dec	0.0137	0.00000256	1.94	2.43	0.0125	0.000479	12.1	0.00252	0.00471	0.0000455	0.000126	0.0000891	0.0891	0.00000208	0.000351	0.00013	0.000892	0
2038 Jan	0.0137	0.00000256	1.94	2.43	0.0125	0.000479	12.1	0.00252	0.00471	0.0000455	0.000126	0.0000891	0.0891	0.00000208	0.000351	0.00013	0.000892	0
2038 Feb	0.0137	0.00000256	1.94	2.43	0.0125	0.000479	12.1	0.00252	0.00472	0.0000455	0.000126	0.0000891	0.0891	0.00000208	0.000351	0.00013	0.000892	0
2038 Mar	0.0137	0.00000256	1.94	2.43	0.0125	0.000479	12.1	0.00252	0.00472	0.0000455	0.000126	0.0000891	0.0891	0.00000208	0.000351	0.00013	0.000892	0
2038 Apr	0.0137	0.00000256	1.94	2.43	0.0125	0.000479	12.1	0.00252	0.00472	0.0000455	0.000126	0.0000891	0.0891	0.00000208	0.000351	0.00013	0.000892	0
2038 May	0.0138	0.00000261	1.97	2.46	0.0128	0.000489	12.2	0.00257	0.00478	0.0000466	0.000129	0.0000904	0.0908	0.00000209	0.00036	0.000133	0.000895	0
2038 Jun	0.0144	0.00000286	2.08	2.58	0.0143	0.000533	12.4	0.00279	0.00502	0.0000524	0.000141	0.0000957	0.0975	0.00000209	0.000399	0.000146	0.000906	0
2038 Jul	0.0145	0.00000254	1.89	2.35	0.0125	0.000464	11.1	0.00246	0.00492	0.0000522	0.000123	0.0000876	0.0868	0.00000208	0.000342	0.000134	0.000892	0
2038 Aug	0.0143	0.00000235	1.79	2.23	0.0115	0.000427	10.4	0.00227	0.00482	0.0000493	0.000113	0.0000831	0.0813	0.00000208	0.000311	0.000127	0.000885	0
2038 Sep	0.0139	0.00000223	1.74	2.16	0.0109	0.000406	10	0.00215	0.00475	0.0000465	0.000107	0.0000804	0.0784	0.00000207	0.000293	0.00012	0.000879	0
2038 Oct	0.0137	0.00000219	1.73	2.15	0.0107	0.000401	9.94	0.00212	0.00474	0.0000463	0.000106	0.0000797	0.0778	0.00000207	0.000288	0.000118	0.000877	0
2038 Nov	0.0137	0.0000022	1.74	2.16	0.0108	0.000402	9.97	0.00212	0.00475	0.0000463	0.000106	0.0000799	0.078	0.00000207	0.000289	0.000119	0.000877	0
2038 Dec	0.0137	0.0000022	1.74	2.16	0.0108	0.000402	9.98	0.00212	0.00475	0.0000463	0.000106	0.0000799	0.078	0.00000207	0.000289	0.000119	0.000877	0
2039 Jan	0.0137	0.0000022	1.74	2.16	0.0108	0.000402	9.98	0.00212	0.00475	0.0000463	0.000106	0.0000799	0.078	0.00000207	0.000289	0.000119	0.000877	0
2039 Feb	0.0137	0.0000022	1.74	2.16	0.0108	0.000402	9.98	0.00212	0.00475	0.0000463	0.000106	0.0000799	0.078	0.00000207	0.000289	0.000119	0.000877	0
2039 Mar	0.0137	0.0000022	1.74	2.16	0.0108	0.000402	9.98	0.00212	0.00475	0.0000463	0.000106	0.0000799	0.078	0.00000207	0.000289	0.000119	0.000877	0
2039 Apr	0.0137	0.0000022	1.74	2.16	0.0108	0.000402	9.98	0.00212	0.00475	0.0000463	0.000106	0.0000799	0.078	0.00000207	0.000289	0.000119	0.000877	0
2039 May	0.0137	0.0000022	1.74	2.16	0.0108	0.000403	10	0.00213	0.00475	0.0000463	0.000107	0.0000801	0.0782	0.00000207	0.00029	0.000119	0.000878	0
2039 Jun	0.0139	0.00000238	1.81	2.27	0.0115	0.000433	10.5	0.0023	0.00485	0.0000468	0.000115	0.0000836	0.0824	0.00000207	0.000313	0.000125	0.000887	0
2039 Jul	0.014	0.00000245	1.84	2.29	0.0117	0.000443	10.4	0.00235	0.00488	0.0000473	0.000118	0.0000848	0.0836	0.00000207	0.000323	0.000127	0.000889	0
2039 Aug	0.0139	0.00000238	1.8	2.24	0.0113	0.000429	10.2	0.00228	0.00486	0.0000461	0.000114	0.0000831	0.0814	0.00000207	0.000311	0.000124	0.000886	0
2039 Sep	0.0137	0.00000227	1.75	2.18	0.0108	0.000409	9.84	0.00217	0.00482	0.0000445	0.000109	0.0000806	0.0786	0.00000207	0.000294	0.000119	0.000881	0
2039 Oct	0.0136	0.00000223	1.73	2.16	0.0106	0.000402	9.73	0.00213	0.00481	0.0000445	0.000107	0.0000797	0.0777	0.00000207	0.000288	0.000118	0.000879	0
2039 Nov	0.0136	0.00000223	1.73	2.16	0.0106	0.000402	9.75	0.00213	0.00481	0.0000445	0.000107	0.0000798	0.0778	0.00000207	0.000288	0.000118	0.000879	0
2039 Dec	0.0136	0.00000223	1.73	2.16	0.0106	0.000402	9.75	0.00213	0.00481	0.0000445	0.000107	0.0000798	0.0778	0.00000207	0.000288	0.000118	0.000879	0
2040 Jan	0.0136	0.00000223	1.73	2.16	0.0106	0.000402	9.75	0.00213	0.00481	0.0000445	0.000107	0.0000798	0.0778	0.00000207	0.000288	0.000118	0.000879	0
2040 Feb	0.0136	0.00000223	1.73	2.16	0.0106	0.000402	9.75	0.00213	0.00481	0.0000445	0.000107	0.0000798	0.0778	0.00000207	0.000288	0.000118	0.000879	0
2040 Mar	0.0136	0.00000223	1.73	2.16	0.0106	0.000402	9.75	0.00213	0.00481	0.0000445	0.000107	0.0000798	0.0778	0.00000207	0.000288	0.000118	0.000879	0
2040 Apr	0.0136	0.00000223	1.73	2.17	0.0106	0.000402	9.75	0.00213	0.00481	0.0000445	0.000107	0.0000798	0.0778	0.00000207	0.000288	0.000118	0.000879	0
2040 May	0.0136	0.00000224	1.74	2.17	0.0107	0.000404	9.77	0.00214	0.00482	0.0000446	0.000107	0.00008	0.078	0.00000207	0.000289	0.000118	0.00088	0
2040 Jun	0.0139	0.00000231	1.77	2.2	0.0111	0.000415	9.74	0.0022	0.00491	0.0000465	0.000111	0.0000814	0.0798	0.00000207	0.0003	0.000122	0.000883	0
2040 Jul	0.0139	0.00000225	1.73	2.16	0.0108	0.000403	9.48	0.00214	0.00488	0.0000468	0.000107	0.0000799	0.0777	0.00000207	0.00029	0.00012	0.00088	0
2040 Aug	0.0139	0.00000219	1.7	2.12	0.0104	0.00039	9.26	0.00208	0.00484	0.0000459	0.000104	0.0000784	0.0758	0.00000207	0.000279	0.000118	0.000878	0
2040 Sep	0.0137	0.00000212	1.67	2.08	0.0101	0.000378	9.09	0.00201	0.0048	0.0000448	0.000101	0.000077	0.0743	0.00000206	0.000269	0.000115	0.000875	0
2040 Oct	0.0136	0.00000208	1.65	2.06	0.00994	0.000371	8.99	0.00198	0.0048	0.0000447	0.0000989	0.0000762	0.0733	0.00000206	0.000263	0.000113	0.000873	0
2040 Nov	0.0136	0.00000208	1.65	2.06	0.00995	0.000372	9.01	0.00198	0.0048	0.0000447	0.000099	0.0000762	0.0734	0.00000206	0.000263	0.000113	0.000874	0
2040 Dec	0.0136	0.00000208	1.66	2.06	0.00995	0.000372	9	0.00198	0.0048	0.0000447	0.0000991	0.0000762	0.0734	0.00000206	0.000263	0.000113	0.000874	0
2041 Jan	0.0136	0.00000208	1.66	2.06	0.00995	0.000372	9	0.00198	0.0048	0.0000447	0.0000991	0.0000762	0.0734	0.00000206	0.000263	0.000113	0.000874	0
2041 Feb	0.0136	0.00000208	1.66	2.06	0.00995	0.000372	9	0.00198	0.0048	0.0000447	0.0000991	0.0000762	0.0734	0.00000206	0.000263	0.000113	0.000874	0
2041 Mar	0.0136	0.00000208	1.66	2.07	0.00995	0.000372	9	0.00198	0.0048	0.0000447	0.0000991	0.0000762	0.0734	0.00000206	0.000263	0.000113	0.000874	0
2041 Apr	0.0136	0.00000208	1.66	2.07	0.00996	0.000372	9	0.00198	0.0048	0.0000447	0.0000991	0.0000762	0.0734	0.00000206	0.000263	0.000113	0.000874	0
2041 May	0.0136	0.00000209	1.66	2.07	0.01	0.000374	9.05	0.00199	0.0048	0.0000448	0.0000996	0.0000765	0.0737	0.00000207	0.000264	0.000114	0.000874	0
2041 Jun	0.0137	0.00000213	1.67	2.09	0.0101	0.000378	9.04	0.00201	0.00485	0.000045	0.000101	0.000077	0.0742	0.00000206	0.000268	0.000115	0.000876	0
2041 Jul	0.0137	0.00000214	1.67	2.08	0.0101	0.000379	8.89	0.00202	0.00485	0.0000453	0.000101	0.000077	0.0742	0.00000206	0.00027	0.000116	0.000875	0
2041 Aug	0.0137	0.00000208	1.64	2.04	0.00983	0.000368	8.71	0.00197	0.00482	0.0000447	0.0000984	0.0000757	0.0726	0.00000206	0.00026	0.000114	0.000874	0
2041 Sep	0.0136	0.00000203	1.62	2.02	0.00961	0.000359	8.59	0.00192	0.00479	0.0000439	0.000096	0.0000747	0.0714	0.00000206	0.000253	0.000111	0.000872	0
2041 Oct	0.0135	0.00000201	1.61	2.01	0.00951	0.000356	8.54	0.0019	0.00479	0.0000438	0.0000952	0.0000743	0.071	0.00000206	0.00025	0.00011	0.000871	0
2041 Nov	0.0135	0.00000202	1.61	2.01	0.00953	0.000357	8.55	0.0019	0.00479	0.0000438	0.0000953	0.0000743	0.0711	0.00000206	0.00025	0.000111	0.000871	0
2041 Dec	0.0135	0.00000202	1.61	2.01	0.00953	0.000357	8.56	0.0019	0.00479	0.0000438	0.0000953	0.0000743	0.0711	0.00000206	0.00025	0.000111	0.000871	0
2042 Jan	0.0135	0.00000202	1.61	2.02	0.00953	0.000357	8.56	0.0019	0.00479	0.0000438	0.0000953	0.0000743	0.0711	0.00000206	0.00025	0.000111	0.000871	0
2042 Feb	0.0135	0.00000202	1.61	2.02	0.00953	0.000357	8.56	0.0019	0.00479	0.0000438	0.0000953	0.0000743	0.0711	0.00000206	0.00025	0.000111	0.000871	0
2042 Mar	0.0135	0.00000202	1.61	2.02	0.00953	0.000357	8.56	0.0019	0.00479	0.0000439	0.0000953	0.0000743	0.0711	0.00000206	0.00025	0.000111	0.000871	0
2042 Apr	0.0136	0.00000202	1.61	2.02	0.00953	0.000357	8.56	0.0019	0.00479	0.0000439	0.0000954	0.0000744	0.0711	0.00000206	0.00025	0.000111	0.000871	0
2042 May	0.0136	0.00000202	1.62	2.02	0.00955	0.000358	8.57	0.00191	0.00479	0.0000439	0.0000956	0.0000745	0.0712	0.00000206	0.000251	0.000111	0.000872	0
2042 Jun	0.0136	0.00000204	1.62	2.02	0.00959	0.000359	8.51	0.00192	0.00482	0.0000441	0.0000961	0.0000746	0.0714	0.00000206	0.000253	0.000111	0.000872	0
2042 Jul	0.0136	0.00000203	1.61	2.01	0.00951	0.000357	8.39	0.00191	0.00482	0.0000444	0.0000955	0.0000743	0.0709	0.00000206	0.000251	0.000111	0.000871	0
2042 Aug	0.0136	0.00000202	1.6	2	0.00946	0.000355	8.32	0.0019	0.0048	0.0000439	0.0000949	0.0000741	0.0706	0.00000206	0.000249	0.000111	0.00087	0
2042 Sep	0.0135	0.00000199	1.59	1.99	0.00931	0.000349	8.23	0.00187	0.00478	0.0000432	0.0000934	0.0000734	0.0698	0.00000206	0.000244	0.000109	0.000869	0
2042 Oct	0.0135	0.00000197	1.58	1.98	0.00923	0.000346	8.19	0.00185	0.00478	0.0000432	0.0000926	0.000073	0.0695	0.00000205	0.000242	0.000108	0.000868	0
2042 Nov	0.0135	0.00000197	1.59	1.98	0.00924	0.000347	8.2	0.00185	0.00478	0.0000432	0.0000927	0.0000731	0.0695	0.00000206	0.000242	0.000108	0.000868	0
2042 Dec	0.0135	0.00000197	1.59	1.98	0.00924	0.000347	8.2	0.00185	0.00478	0.0000432	0.0000927	0.0000731	0.0695	0.00000206	0.000242	0.000108	0.000868	0
2043 Jan	0.0135	0.00000197	1.59	1.98	0.00924	0.000347	8.2	0.00185	0.00478	0.0000432	0.0000928	0.0000731	0.0695	0.00000206	0.000242	0.000108	0.000868	0
2043 Feb	0.0135	0.00000197	1.59	1.98	0.00924	0.000347	8.2	0.00185	0.00478	0.0000432	0.0000928	0.0000731	0.0695	0.00000206	0.000242	0.000108	0.000868	0
2043 Mar	0.0135	0.00000197	1.59	1.98	0.00924	0.000347	8.2	0.00185	0.00478	0.0000432	0.0000928	0.0000731	0.0695	0.00000206	0.000242	0.000108	0.000868	0
2043 Apr	0.0135	0.00000197	1.59	1.98	0.00924	0.000347	8.21	0.00185	0.00478	0.0000432	0.0000928	0.0000731	0.0695	0.00000206	0.000242	0.000108	0.000868	0
2043 May	0.0135	0.00000198	1.59	1.98	0.00926	0.000347	8.21	0.00186	0.00479	0.0000433	0.0000929	0.0000732	0.0696	0.00000206	0.000242	0.000109	0.000869	0
2043 Jun	0.0136	0.00000198	1.59	1.98	0.00933	0.000347	8.16	0.00186	0.00483	0.0000441	0.000093	0.0000732	0.0696	0.00000205	0.000242	0.00011	0.000869	0
2043 Jul	0.0136	0.00000195	1.57	1.96	0.00916	0.00034	8.04	0.00182	0.00482	0.0000444	0.0000912	0.0000724	0.0685	0.00000206	0.000236	0.000109	0.000868	0
2043 Aug	0.0136	0.00000192	1.55	1.94	0.00899	0.000333	7.94	0.00179	0.00481	0.000044	0.0000893	0.0000716	0.0675	0.00000206	0.00023	0.000108	0.000867	0
2043 Sep	0.0136	0.00000188	1.53	1.92	0.00883	0.000327	7.86	0.00176	0.00479	0.0000434	0.0000877	0.0000708	0.0666	0.00000206	0.000225	0.000106	0.000866	0
2043 Oct	0.0135	0.00000187	1.53	1.92	0.00876	0.000324	7.84	0.00174	0.00479	0.0000434	0.000087	0.0000705	0.0663	0.00000206	0.000223	0.000105	0.000865	0
2043 Nov	0.0135	0.00000187	1.53	1.92	0.00878	0.000325	7.85	0.00175	0.0048	0.0000434	0.0000872	0.0000706	0.0664	0.00000206	0.000223	0.000106	0.000865	0
2043 Dec	0.0135	0.00000187	1.53	1.92	0.00878	0.000325	7.85	0.00175	0.0048	0.0000434	0.0000872	0.0000706	0.0664	0.00000206	0.000223	0.000106	0.000865	0

Appendix D.2-13: TIRI02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	161	0.0592	0.23	0.00654	83	0.0142	42.6	3.16E-24	2.45E-25	6.67E-08	0.000622	0.00269	0.0246	0.00368	0.00000074	4.31	0.00000566	0.000311	0.0000219	0.000127
Operation (2026-2036): Mean	36900	73.7	80.8	2.37	24500	0.0511	2270	0.11	0.00718	0.000346	0.0156	0.125	0.916	0.229	0.0000489	1210	0.000364	0.00125	0.00694	0.00255
Operation (2026-2036): Max	52500	147	158	4.87	35300	0.164	3130	0.234	0.015	0.000499	0.021	0.252	1.27	0.318	0.0000681	1740	0.000512	0.00421	0.00994	0.00338
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2036)																				
2026 Jan	51600	147	158	4.87	33800	0.0408	3040	0.234	0.015	0.000485	0.0206	0.252	1.26	0.311	0.0000662	1660	0.0005	0.000892	0.00967	0.00322
2026 Feb	51500	144	155	4.77	33800	0.0399	3040	0.229	0.0147	0.000485	0.0206	0.247	1.26	0.311	0.0000663	1660	0.0005	0.000868	0.00968	0.00321
2026 Mar	51500	141	152	4.67	33900	0.0391	3040	0.224	0.0144	0.000486	0.0206	0.242	1.26	0.311	0.0000664	1670	0.0005	0.000845	0.00969	0.00321
2026 Apr	51500	139	150	4.58	33900	0.0383	3040	0.22	0.0141	0.000486	0.0206	0.238	1.25	0.311	0.0000665	1670	0.0005	0.000823	0.0097	0.0032
2026 May	51600	137	147	4.5	34000	0.0376	3050	0.216	0.0139	0.000488	0.0206	0.234	1.25	0.311	0.0000667	1670	0.000501	0.000804	0.00973	0.0032
2026 Jun	51400	134	145	4.41	33900	0.0387	3050	0.211	0.0136	0.000486	0.0206	0.229	1.25	0.311	0.0000666	1670	0.0005	0.000837	0.0097	0.00324
2026 Jul	51800	133	144	4.37	34200	0.0393	3070	0.209	0.0134	0.00049	0.0208	0.227	1.26	0.313	0.000067	1680	0.000505	0.000859	0.00978	0.00328
2026 Aug	52100	131	142	4.32	34400	0.0403	3100	0.206	0.0133	0.000493	0.0209	0.225	1.26	0.315	0.0000673	1690	0.000508	0.000901	0.00983	0.00333
2026 Sep	52400	130	142	4.29	34600	0.0407	3120	0.205	0.0131	0.000496	0.021	0.223	1.27	0.317	0.0000675	1700	0.000511	0.000926	0.0099	0.00336
2026 Oct	52500	129	140	4.23	34600	0.0409	3130	0.201	0.0129	0.000497	0.021	0.219	1.27	0.317	0.0000676	1710	0.000512	0.000947	0.00991	0.00338
2026 Nov	52400	127	138	4.16	34600	0.0402	3130	0.198	0.0127	0.000497	0.021	0.216	1.27	0.317	0.0000676	1710	0.000512	0.000927	0.00991	0.00337
2026 Dec	52400	125	136	4.09	34600	0.0395	3120	0.195	0.0125	0.000497	0.021	0.213	1.26	0.317	0.0000677	1710	0.000511	0.000907	0.00991	0.00336
2027 Jan	52300	123	134	4.02	34600	0.0387	3120	0.191	0.0123	0.000497	0.021	0.209	1.26	0.316	0.0000677	1710	0.000511	0.000885	0.00992	0.00335
2027 Feb	52300	121	131	3.95	34600	0.0379	3120	0.188	0.0121	0.000497	0.0209	0.205	1.26	0.316	0.0000678	1700	0.000511	0.000863	0.00992	0.00334
2027 Mar	52200	119	129	3.87	34600	0.0372	3110	0.184	0.0119	0.000497	0.0209	0.202	1.25	0.316	0.0000679	1700	0.000511	0.000842	0.00992	0.00333
2027 Apr	52200	117	127	3.8	34600	0.0365	3110	0.181	0.0117	0.000498	0.0209	0.198	1.25	0.316	0.0000679	1700	0.00051	0.000822	0.00992	0.00333
2027 May	52300	115	125	3.75	34700	0.0359	3120	0.178	0.0115	0.000499	0.0209	0.195	1.25	0.316	0.0000681	1710	0.000511	0.000804	0.00994	0.00332
2027 Jun	52300	113	123	3.65	34700	0.0368	3120	0.173	0.0112	0.000498	0.0209	0.19	1.25	0.316	0.000068	1710	0.000511	0.000847	0.00993	0.00335
2027 Jul	52100	111	122	3.58	34600	0.0376	3120	0.169	0.0109	0.000496	0.0209	0.186	1.25	0.316	0.0000678	1710	0.00051	0.000895	0.0099	0.00337
2027 Aug	51900	109	119	3.5	34500	0.0373	3110	0.165	0.0107	0.000494	0.0208	0.182	1.24	0.314	0.0000674	1700	0.000508	0.000893	0.00986	0.00336
2027 Sep	51500	107	117	3.42	34300	0.0375	3100	0.16	0.0104	0.00049	0.0206	0.177	1.23	0.312	0.0000667	1690	0.000504	0.000922	0.00978	0.00335
2027 Oct	51300	105	115	3.35	34100	0.0373	3090	0.157	0.0102	0.000488	0.0205	0.174	1.22	0.311	0.0000664	1680	0.000502	0.000932	0.00974	0.00335
2027 Nov	51300	103	114	3.3	34100	0.0367	3080	0.154	0.0101	0.000489	0.0205	0.171	1.22	0.311	0.0000665	1680	0.000502	0.000912	0.00975	0.00334
2027 Dec	51300	102	112	3.25	34100	0.0361	3080	0.152	0.00992	0.000489	0.0205	0.169	1.22	0.311	0.0000666	1680	0.000501	0.000892	0.00975	0.00333
2028 Jan	51300	100	110	3.2	34200	0.0354	3080	0.15	0.00977	0.000489	0.0205	0.166	1.22	0.311	0.0000667	1680	0.000501	0.000871	0.00976	0.00332
2028 Feb	51400	99.1	109	3.15	34200	0.0348	3090	0.148	0.00962	0.000489	0.0205	0.164	1.22	0.311	0.0000668	1690	0.000501	0.00085	0.00977	0.00331
2028 Mar	51400	97.9	108	3.11	34300	0.0341	3090	0.145	0.00949	0.00049	0.0205	0.162	1.22	0.312	0.0000668	1690	0.000501	0.00083	0.00977	0.0033
2028 Apr	51500	96.7	106	3.07	34400	0.0336	3090	0.143	0.00936	0.00049	0.0204	0.16	1.22	0.312	0.0000669	1690	0.000501	0.000811	0.00978	0.0033
2028 May	51600	95.7	105	3.03	34400	0.033	3100	0.142	0.00924	0.00049	0.0204	0.158	1.22	0.313	0.000067	1700	0.000502	0.000793	0.00979	0.00329
2028 Jun	51400	94.4	104	2.98	34400	0.0329	3090	0.137	0.00901	0.000488	0.0204	0.154	1.21	0.312	0.0000669	1690	0.000499	0.000792	0.00975	0.00328
2028 Jul	50900	92.3	102	2.9	34000	0.0328	3060	0.131	0.00871	0.000482	0.0201	0.148	1.2	0.308	0.0000664	1680	0.000493	0.000793	0.00964	0.00326
2028 Aug	50200	89.6	98.7	2.81	33600	0.0317	3020	0.126	0.00839	0.000476	0.0198	0.142	1.18	0.305	0.0000656	1660	0.000486	0.000762	0.00951	0.00321
2028 Sep	48500	83.6	92.4	2.6	32500	0.0312	2930	0.115	0.00771	0.000459	0.0192	0.131	1.14	0.295	0.0000636	1600	0.000469	0.00076	0.00917	0.00311
2028 Oct	46700	71	79.8	2.18	31400	0.0333	2840	0.093	0.00634	0.000438	0.0184	0.109	1.1	0.284	0.0000618	1550	0.000448	0.000856	0.00878	0.00305
2028 Nov	48500	65.9	73.4	1.99	32700	0.0276	2930	0.0854	0.00581	0.000453	0.0188	0.102	1.12	0.295	0.0000638	1610	0.000461	0.000662	0.00908	0.00304
2028 Dec	49600	62.8	69.6	1.87	33500	0.0241	2990	0.0809	0.0055	0.000462	0.019	0.0977	1.14	0.302	0.000065	1650	0.000469	0.000542	0.00926	0.00303
2029 Jan	50400	60.9	67.2	1.8	34100	0.0218	3030	0.0787	0.00534	0.000468	0.0192	0.096	1.15	0.307	0.0000659	1680	0.000474	0.000463	0.00938	0.00303
2029 Feb	51000	59.7	65.6	1.75	34500	0.0203	3060	0.078	0.00529	0.000472	0.0193	0.0958	1.17	0.311	0.0000664	1700	0.000477	0.000411	0.00946	0.00302
2029 Mar	51400	58.7	64.4	1.71	34800	0.0191	3080	0.0774	0.00525	0.000476	0.0194	0.0957	1.17	0.314	0.0000668	1710	0.00048	0.000371	0.00952	0.00302
2029 Apr	51800	57.9	63.4	1.68	35100	0.0181	3100	0.0769	0.00521	0.000478	0.0195	0.0956	1.18	0.316	0.0000672	1730	0.000482	0.000338	0.00957	0.00302
2029 May	52200	57.3	62.7	1.66	35300	0.0174	3120	0.0766	0.00518	0.000481	0.0195	0.0956	1.19	0.318	0.0000675	1740	0.000484	0.000311	0.00962	0.00302
2029 Jun	51800	61.6	67.8	1.77	35100	0.0188	3110	0.0709	0.0051	0.000479	0.0195	0.0913	1.18	0.316	0.0000674	1730	0.000482	0.000385	0.00959	0.00304
2029 Jul	37900	48.4	54.8	1.39	25600	0.03	2320	0.0474	0.00367	0.000349	0.0149	0.0642	0.883	0.233	0.0000508	1260	0.000358	0.000744	0.00703	0.00247
2029 Aug	572	0.454	0.818	0.022	339	0.0266	95.9	0.000336	0.0000261	0.00000263	0.00127	0.00368	0.0521	0.00852	0.00000174	17.1	0.0000131	0.000683	0.0000914	0.000253
2029 Sep	240	0.0886	0.344	0.00978	124	0.0212	63.6	0.000000057	4.42E-09	0.0000001	0.00093	0.00303	0.0367	0.0055	0.00000111	6.44	0.00000846	0.000545	0.0000328	0.000189
2029 Oct	747	0.275	1.07	0.0304	386	0.066	198	8.51E-11	6.6E-12	0.00000031	0.00289	0.00523	0.114	0.0171	0.00000344	20	0.0000263	0.00169	0.000102	0.000589
2029 Nov	1600	0.591	2.3	0.0653	829	0.142	425	5.26E-11	4.08E-12	0.000000666	0.00621	0.00867	0.245	0.0368	0.00000739	43	0.0000565	0.00364	0.000219	0.00126
2029 Dec	1600	0.591	2.3	0.0653	829	0.142	425	5.26E-11	4.08E-12	0.000000666	0.00622	0.00867	0.245	0.0368	0.00000739	43	0.0000565	0.00364	0.000219	0.00126
2030 Jan	1600	0.591	2.3	0.0653	829	0.142	425	5.26E-11	4.08E-12	0.000000666	0.00622	0.00867	0.245	0.0368	0.00000739	43	0.0000565	0.00364	0.000219	0.00126
2030 Feb	1600	0.592	2.3	0.0653	829	0.142	425	5.26E-11	4.08E-12	0.000000666	0.00622	0.00867	0.245	0.0368	0.00000739	43	0.0000565	0.00364	0.000219	0.00126
2030 Mar	1600	0.592	2.3	0.0653	829	0.142	425	5.26E-11	4.08E-12	0.000000666	0.00622	0.00868	0.246	0.0368	0.00000739	43	0.0000565	0.00364	0.000219	0.00127
2030 Apr	1610	0.592	2.3	0.0654	830	0.142	425	5.27E-11	4.09E-12	0.000000667	0.00622	0.00868	0.246	0.0368	0.0000074	43.1	0.0000565	0.00364	0.000219	0.00127
2030 May	1610	0.595	2.31	0.0657	834	0.143	428	5.3E-11	4.11E-12	0.00000067	0.00625	0.0382	0.247	0.037	0.00000744	43.3	0.0000568	0.00366	0.00022	0.00127
2030 Jun	1860	0.685	2.66	0.0756	960	0.164	492	2.35E-11	1.82E-12	0.000000771	0.0072	0.04	0.284	0.0426	0.00000856	49.8	0.0000654	0.00421	0.000254	0.00146
2030 Jul	389	0.143	0.557	0.0158	201	0.0343	103	5.52E-14	4.28E-15	0.000000161	0.00151	0.00382	0.0595	0.00891	0.00000179	10.4	0.0000137	0.000882	0.0000531	0.000306
2030 Aug	161	0.0592	0.23	0.00654	83	0.0142	42.6	7.87E-18	6.1E-19	6.67E-08	0.000622	0.00269	0.0246	0.00368	0.00000074	4.31	0.00000566	0.000364	0.0000219	0.000127
2030 Sep	167	0.0616	0.24	0.00681	86.4	0.0148	44.3	2.1E-21	1.63E-22	6.94E-08	0.000648	0.00275	0.0256	0.00383	0.00000077	4.48	0.00000589	0.000379	0.0000228	0.000132
2030 Oct	746	0.275	1.07	0.0304	386	0.0659	198	3.99E-24	3.1E-25	0.00000031	0.00289	0.00511	0.114	0.0171	0.00000344	20	0.0000263	0.00169	0.000102	0.000588
2030 Nov	1200	0.443	1.72	0.0489	621	0.106	318	3.16E-24	2.45E-25	0.000000499	0.00465	0.00695	0.184	0.0275	0.00000553	32.2	0.0000423	0.00272	0.000164	0.000947
2030 Dec	1200	0.443	1.72	0.0489	621	0.106	318	3.16E-24	2.45E-25	0.000000499	0.00465	0.00695	0.184	0.0275	0.00000554	32.2	0.0000423	0.00272	0.000164	0.000947

Appendix D.2-13: TIRI02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.000848	0.00000235	1.91	2.33	0.0118	0.000702	24.9	0.00139	0.000118	0.00000503	0.000117	0.0000676	0.0977	0.000000251	0.000387	0.0000376	0.000108	1.62E-23
Operation (2026-2036): Mean	0.0514	0.0000141	350	98.7	0.244	0.0614	11200	0.0395	0.021	0.00015	0.0177	0.00432	30.9	0.0000347	0.00196	0.00901	0.0278	0.221
Operation (2026-2036): Max	0.0721	0.0000272	502	135	0.321	0.113	16200	0.0537	0.0298	0.000204	0.0252	0.00837	44.6	0.0000492	0.00722	0.0128	0.0397	0.33
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2036)																		
2026 Jan	0.0704	0.0000147	480	129	0.314	0.113	15400	0.0519	0.0286	0.000202	0.0246	0.00837	42.7	0.0000479	0.00159	0.0124	0.0386	0.298
2026 Feb	0.0704	0.0000146	480	129	0.313	0.111	15400	0.0519	0.0287	0.000201	0.0246	0.00821	42.7	0.000048	0.00154	0.0124	0.0386	0.298
2026 Mar	0.0704	0.0000145	480	129	0.312	0.109	15400	0.0518	0.0287	0.000201	0.0246	0.00805	42.7	0.000048	0.00151	0.0124	0.0387	0.299
2026 Apr	0.0704	0.0000143	481	129	0.312	0.107	15400	0.0518	0.0288	0.000201	0.0247	0.0079	42.8	0.0000481	0.00147	0.0125	0.0387	0.3
2026 May	0.0705	0.0000142	482	129	0.312	0.105	15500	0.0518	0.0288	0.000202	0.0247	0.00777	42.9	0.0000482	0.00143	0.0125	0.0388	0.301
2026 Jun	0.0706	0.0000144	481	130	0.313	0.103	15400	0.052	0.029	0.000201	0.0247	0.00762	42.8	0.0000481	0.00145	0.0125	0.0387	0.301
2026 Jul	0.0712	0.0000146	485	131	0.316	0.103	15600	0.0525	0.0293	0.000202	0.0249	0.00756	43.1	0.0000484	0.00145	0.0125	0.039	0.304
2026 Aug	0.0716	0.0000147	488	132	0.318	0.102	15700	0.053	0.0294	0.000203	0.025	0.00749	43.3	0.0000486	0.00146	0.0126	0.0392	0.306
2026 Sep	0.0721	0.0000148	491	133	0.321	0.101	15800	0.0535	0.0296	0.000204	0.0252	0.00744	43.7	0.0000489	0.00145	0.0127	0.0395	0.308
2026 Oct	0.0721	0.0000149	492	134	0.321	0.1	15800	0.0537	0.0296	0.000203	0.0252	0.00733	43.7	0.0000489	0.00144	0.0127	0.0395	0.309
2026 Nov	0.0721	0.0000148	492	134	0.32	0.0986	15800	0.0536	0.0296	0.000203	0.0252	0.00722	43.7	0.0000489	0.00141	0.0127	0.0395	0.31
2026 Dec	0.0721	0.0000147	492	134	0.32	0.0973	15800	0.0535	0.0297	0.000203	0.0252	0.00712	43.7	0.000049	0.00138	0.0127	0.0396	0.31
2027 Jan	0.072	0.0000145	492	134	0.319	0.0959	15800	0.0534	0.0297	0.000203	0.0252	0.007	43.7	0.000049	0.00135	0.0127	0.0396	0.31
2027 Feb	0.072	0.0000144	492	133	0.318	0.0944	15800	0.0533	0.0297	0.000203	0.0252	0.00688	43.7	0.000049	0.00132	0.0127	0.0396	0.311
2027 Mar	0.0719	0.0000143	491	133	0.318	0.0931	15800	0.0532	0.0297	0.000203	0.0252	0.00677	43.6	0.000049	0.00129	0.0127	0.0396	0.311
2027 Apr	0.0719	0.0000142	491	133	0.317	0.0917	15800	0.0532	0.0297	0.000203	0.0252	0.00666	43.6	0.0000491	0.00126	0.0128	0.0396	0.311
2027 May	0.072	0.0000141	492	133	0.317	0.0906	15800	0.0532	0.0298	0.000203	0.0252	0.00657	43.7	0.0000492	0.00123	0.0128	0.0397	0.312
2027 Jun	0.0719	0.0000142	493	134	0.318	0.0901	15800	0.0534	0.0298	0.000203	0.0252	0.0064	43.7	0.0000491	0.00123	0.0128	0.0396	0.313
2027 Jul	0.0718	0.0000143	492	135	0.318	0.0891	15800	0.0535	0.0298	0.000202	0.0251	0.00627	43.6	0.0000489	0.00122	0.0127	0.0395	0.313
2027 Aug	0.0715	0.0000142	490	134	0.317	0.0878	15700	0.0533	0.0296	0.0002	0.025	0.00615	43.5	0.0000487	0.0012	0.0127	0.0394	0.312
2027 Sep	0.0709	0.0000142	487	134	0.315	0.0863	15600	0.053	0.0294	0.000198	0.0248	0.00601	43.1	0.0000483	0.00118	0.0126	0.039	0.31
2027 Oct	0.0706	0.0000141	485	134	0.313	0.0849	15600	0.0528	0.0293	0.000197	0.0247	0.0059	43	0.0000481	0.00116	0.0125	0.0389	0.309
2027 Nov	0.0706	0.000014	485	133	0.313	0.0839	15600	0.0528	0.0293	0.000197	0.0247	0.00582	43	0.0000481	0.00114	0.0125	0.0389	0.309
2027 Dec	0.0706	0.0000139	485	133	0.312	0.0828	15600	0.0527	0.0293	0.000197	0.0248	0.00574	43	0.0000482	0.00112	0.0125	0.0389	0.31
2028 Jan	0.0706	0.0000138	486	133	0.312	0.0819	15600	0.0526	0.0293	0.000197	0.0248	0.00567	43	0.0000482	0.00109	0.0126	0.039	0.31
2028 Feb	0.0706	0.0000137	487	133	0.312	0.0811	15600	0.0526	0.0293	0.000197	0.0248	0.0056	43.1	0.0000483	0.00107	0.0126	0.039	0.311
2028 Mar	0.0705	0.0000136	488	133	0.312	0.0803	15700	0.0525	0.0294	0.000198	0.0248	0.00554	43.2	0.0000483	0.00105	0.0126	0.039	0.312
2028 Apr	0.0705	0.0000135	488	134	0.312	0.0796	15700	0.0524	0.0294	0.000198	0.0248	0.00548	43.3	0.0000483	0.00103	0.0126	0.039	0.313
2028 May	0.0706	0.0000134	489	134	0.312	0.0789	15700	0.0524	0.0294	0.000198	0.0248	0.00543	43.4	0.0000484	0.00101	0.0126	0.0391	0.314
2028 Jun	0.0703	0.0000134	488	134	0.311	0.0787	15700	0.0522	0.0294	0.000197	0.0247	0.00529	43.3	0.0000483	0.000987	0.0126	0.0389	0.314
2028 Jul	0.0695	0.0000133	483	133	0.308	0.0777	15500	0.0517	0.0291	0.000195	0.0244	0.00511	42.8	0.0000477	0.000963	0.0125	0.0385	0.311
2028 Aug	0.0685	0.000013	478	131	0.304	0.0758	15300	0.0509	0.0288	0.000193	0.024	0.00494	42.3	0.0000471	0.000922	0.0123	0.038	0.307
2028 Sep	0.066	0.0000126	462	127	0.295	0.0716	14800	0.0492	0.0278	0.000187	0.0232	0.00458	40.9	0.0000455	0.000882	0.0119	0.0367	0.298
2028 Oct	0.0632	0.0000126	447	125	0.287	0.063	14300	0.0476	0.0269	0.000181	0.0221	0.00393	39.5	0.0000436	0.000872	0.0115	0.0351	0.29
2028 Nov	0.0648	0.000012	465	128	0.293	0.0598	14900	0.0481	0.0277	0.000185	0.0228	0.00373	41.1	0.0000452	0.000702	0.012	0.0363	0.303
2028 Dec	0.0659	0.0000116	476	130	0.296	0.0579	15300	0.0485	0.0281	0.000188	0.0232	0.00362	42.2	0.0000461	0.000594	0.0122	0.037	0.312
2029 Jan	0.0665	0.0000113	484	131	0.299	0.0573	15600	0.0488	0.0284	0.00019	0.0235	0.00358	42.9	0.0000468	0.000523	0.0124	0.0375	0.317
2029 Feb	0.067	0.0000112	490	132	0.301	0.0575	15800	0.0489	0.0286	0.000191	0.0237	0.0036	43.5	0.0000472	0.000476	0.0125	0.0378	0.322
2029 Mar	0.0673	0.000011	495	133	0.303	0.0577	15900	0.049	0.0288	0.000192	0.0239	0.00361	43.9	0.0000475	0.00044	0.0126	0.0381	0.325
2029 Apr	0.0676	0.0000109	498	134	0.305	0.0579	16000	0.0492	0.0289	0.000193	0.024	0.00362	44.2	0.0000478	0.00041	0.0127	0.0383	0.328
2029 May	0.0679	0.0000108	502	135	0.306	0.058	16200	0.0493	0.029	0.000194	0.0241	0.00363	44.6	0.000048	0.000387	0.0128	0.0385	0.33
2029 Jun	0.0678	0.000011	499	135	0.305	0.0616	16000	0.0493	0.0291	0.000194	0.024	0.00352	44.2	0.0000479	0.000399	0.0127	0.0384	0.328
2029 Jul	0.0507	0.0000107	366	103	0.236	0.0484	11700	0.0382	0.0221	0.000148	0.0176	0.00257	32.2	0.0000352	0.000805	0.0094	0.0282	0.239
2029 Aug	0.00194	0.00000446	6.19	5.07	0.0236	0.00165	131	0.00286	0.000378	0.0000104	0.000345	0.000144	0.414	0.000000721	0.00117	0.000138	0.000403	0.00173
2029 Sep	0.00127	0.00000352	2.86	3.48	0.0176	0.00105	37.2	0.00208	0.000176	0.00000752	0.000176	0.000101	0.146	0.000000376	0.000933	0.0000562	0.000161	0.000000293
2029 Oct	0.00394	0.0000109	8.89	10.8	0.0547	0.00326	116	0.00646	0.000547	0.0000234	0.000546	0.000314	0.454	0.00000117	0.0029	0.000175	0.0005	4.37E-10
2029 Nov	0.00847	0.0000235	19.1	23.2	0.118	0.00701	248	0.0139	0.00118	0.0000502	0.00117	0.000675	0.976	0.00000251	0.00623	0.000375	0.00107	2.7E-10
2029 Dec	0.00847	0.0000235	19.1	23.2	0.118	0.00701	248	0.0139	0.00118	0.0000502	0.00117	0.000675	0.976	0.00000251	0.00623	0.000375	0.00107	2.7E-10
2030 Jan	0.00847	0.0000235	19.1	23.2	0.118	0.00701	248	0.0139	0.00118	0.0000502	0.00117	0.000675	0.976	0.00000251	0.00623	0.000375	0.00107	2.7E-10
2030 Feb	0.00847	0.0000235	19.1	23.2	0.118	0.00701	248	0.0139	0.00118	0.0000502	0.00117	0.000675	0.976	0.00000251	0.00623	0.000375	0.00107	2.7E-10
2030 Mar	0.00847	0.0000235	19.1	23.2	0.118	0.00701	249	0.0139	0.00118	0.0000502	0.00117	0.000676	0.976	0.00000251	0.00624	0.000375	0.00107	2.7E-10
2030 Apr	0.00847	0.0000235	19.1	23.3	0.118	0.00702	249	0.0139	0.00118	0.0000503	0.00117	0.000676	0.977	0.00000251	0.00624	0.000375	0.00108	2.7E-10
2030 May	0.00852	0.0000237	19.2	23.4	0.118	0.00705	250	0.014	0.00118	0.0000505	0.00118	0.00068	0.982	0.00000253	0.00627	0.000377	0.00108	2.72E-10
2030 Jun	0.0098	0.0000272	22.1	26.9	0.136	0.00812	288	0.0161	0.00136	0.0000581	0.00136	0.000782	1.13	0.00000291	0.00722	0.000434	0.00124	1.21E-10
2030 Jul	0.00205	0.0000057	4.63	5.63	0.0285	0.0017	60.2	0.00336	0.000285	0.0000122	0.000284	0.000164	0.236	0.000000608	0.00151	0.0000909	0.00026	2.83E-13
2030 Aug	0.000848	0.00000235	1.91	2.33	0.0118	0.000702	24.9	0.00139	0.000118	0.00000503	0.000117	0.0000676	0.0977	0.000000251	0.000624	0.0000376	0.000108	4.04E-17
2030 Sep	0.000882	0.00000245	1.99	2.42	0.0122	0.00073	25.9	0.00144	0.000122	0.00000523	0.000122	0.0000704	0.102	0.000000261	0.00065	0.0000391	0.000112	1.08E-20
2030 Oct	0.00394	0.0000109	8.88	10.8	0.0547	0.00326	116	0.00645	0.000547	0.0000234	0.000545	0.000314	0.454	0.00000117	0.0029	0.000174	0.0005	2.05E-23
2030 Nov	0.00634	0.0000176	14.3	17.4	0.088	0.00525	186	0.0104	0.00088	0.0000376	0.000878	0.000506	0.731	0.00000188	0.00467	0.000281	0.000804	1.62E-23
2030 Dec	0.00634	0.0000176	14.3	17.4	0.088	0.00525	186	0.0104	0.00088	0.0000376	0.000878	0.000506	0.731	0.00000188	0.00467	0.000281	0.000804	1.62E-23

Appendix D.2-14: TIRI03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	0.839	0.00113	0.00566	0.0000719	0.343	0.000201	0.232	0.0000016	0.0000016	3.65E-09	0.00000807	0.00000563	0.000347	0.0000207	5.58E-09	0.0508	6.08E-08	0.00000845	0.000000454	0.00000468
Operation (2026-2036): Mean	2640	2.87	14.9	0.202	1220	0.407	595	0.00022	0.00022	0.00000831	0.0193	0.0133	0.696	0.0573	0.0000145	105	0.000145	0.0154	0.00102	0.00943
Operation (2026-2036): Max	7480	10.4	56.9	0.661	3260	1.33	1530	0.000425	0.000425	0.0000241	0.0534	0.0373	2.3	0.137	0.0000369	336	0.000402	0.0559	0.003	0.031
Active Closure (2037-2043): Min	35.7	0.0254	0.119	0.00208	13.4	0.00678	12.1	0.0000221	0.0000221	0.000000261	0.000515	0.000277	0.0108	0.00174	0.000000409	2.1	0.0000032	0.000208	0.0000251	0.000164
Active Closure (2037-2043): Mean	157	0.123	0.604	0.00953	65.5	0.0254	46.5	0.0000462	0.0000462	0.000000697	0.00158	0.001	0.042	0.00545	0.00000126	7.17	0.0000111	0.000815	0.000081	0.000595
Active Closure (2037-2043): Max	1630	1.4	7.11	0.104	702	0.26	449	0.000356	0.000356	0.00000614	0.0146	0.00958	0.432	0.0466	0.0000114	68.5	0.000106	0.00869	0.000713	0.00596
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2043)																				
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0.839	0.00113	0.00566	0.0000719	0.343	0.000201	0.232	0	0	3.65E-09	0.00000807	0.00000563	0.000347	0.0000207	5.58E-09	0.0508	6.08E-08	0.00000845	0.000000454	0.00000468
2026 Apr	2.66	0.00359	0.0179	0.000228	1.09	0.000635	0.734	0	0	1.16E-08	0.0000255	0.0000178	0.0011	0.0000655	1.77E-08	0.161	0.000000193	0.0000268	0.00000144	0.0000148
2026 May	66.7	0.0902	0.45	0.00572	27.3	0.0159	18.4	0	0	0.00000029	0.000641	0.000448	0.0276	0.00164	0.000000444	4.04	0.00000484	0.000671	0.0000361	0.000372
2026 Jun	560	0.757	3.78	0.048	229	0.134	155	0	0	0.00000243	0.00538	0.00376	0.232	0.0138	0.00000372	33.9	0.0000406	0.00564	0.000303	0.00313
2026 Jul	694	0.939	4.69	0.0596	284	0.166	192	0	0	0.00000302	0.00668	0.00467	0.288	0.0171	0.00000462	42.1	0.0000504	0.007	0.000376	0.00388
2026 Aug	1110	1.5	7.5	0.0953	455	0.266	307	0	0	0.00000483	0.0107	0.00746	0.46	0.0274	0.00000739	67.3	0.0000806	0.0112	0.000601	0.00621
2026 Sep	1460	1.98	9.86	0.125	598	0.349	404	0	0	0.00000635	0.0141	0.00982	0.605	0.036	0.00000972	88.5	0.000106	0.0147	0.000791	0.00816
2026 Oct	2090	2.83	14.1	0.179	856	0.5	578	0	0	0.00000909	0.0201	0.014	0.866	0.0515	0.0000139	127	0.000152	0.0211	0.00113	0.0117
2026 Nov	2090	2.83	14.1	0.18	857	0.501	579	0	0	0.00000911	0.0202	0.0141	0.868	0.0516	0.0000139	127	0.000152	0.0211	0.00113	0.0117
2026 Dec	2090	2.83	14.1	0.18	857	0.501	579	0	0	0.00000911	0.0202	0.0141	0.868	0.0516	0.0000139	127	0.000152	0.0211	0.00113	0.0117
2027 Jan	2090	2.83	14.1	0.18	857	0.501	579	0	0	0.00000911	0.0202	0.0141	0.868	0.0516	0.0000139	127	0.000152	0.0211	0.00113	0.0117
2027 Feb	2090	2.83	14.1	0.18	857	0.501	579	0	0	0.00000911	0.0202	0.0141	0.868	0.0516	0.0000139	127	0.000152	0.0211	0.00113	0.0117
2027 Mar	2090	2.83	14.1	0.18	857	0.501	579	0	0	0.00000911	0.0202	0.0141	0.868	0.0516	0.0000139	127	0.000152	0.0211	0.00113	0.0117
2027 Apr	2090	2.83	14.1	0.18	857	0.501	579	0	0	0.00000911	0.0202	0.0141	0.868	0.0516	0.0000139	127	0.000152	0.0211	0.00113	0.0117
2027 May	2320	3.15	15.9	0.2	958	0.534	617	0	0	0.00000971	0.0215	0.015	0.924	0.055	0.0000148	135	0.000162	0.0225	0.00121	0.0125
2027 Jun	3140	4.32	22.5	0.274	1330	0.655	757	0	0	0.0000119	0.0263	0.0184	1.13	0.0675	0.0000182	166	0.000199	0.0276	0.00148	0.0153
2027 Jul	3240	4.47	23.4	0.284	1380	0.67	775	0	0	0.0000122	0.027	0.0188	1.16	0.0691	0.0000187	170	0.000203	0.0282	0.00152	0.0157
2027 Aug	3600	4.97	26.2	0.316	1540	0.722	835	0	0	0.0000131	0.029	0.0203	1.25	0.0744	0.0000201	183	0.000219	0.0304	0.00163	0.0169
2027 Sep	4740	6.6	35.4	0.419	2050	0.891	1030	0	0	0.0000162	0.0358	0.025	1.54	0.0918	0.0000248	226	0.00027	0.0375	0.00202	0.0208
2027 Oct	5340	7.47	40.3	0.474	2330	0.98	1130	0	0	0.0000178	0.0394	0.0275	1.7	0.101	0.0000273	248	0.000297	0.0413	0.00222	0.0229
2027 Nov	5400	7.54	40.7	0.479	2350	0.988	1140	0	0	0.000018	0.0397	0.0278	1.71	0.102	0.0000275	250	0.0003	0.0416	0.00224	0.0231
2027 Dec	5430	7.58	40.9	0.481	2370	0.992	1150	0	0	0.000018	0.0399	0.0279	1.72	0.102	0.0000276	251	0.000301	0.0418	0.00224	0.0232
2028 Jan	5430	7.58	40.9	0.481	2370	0.992	1150	0	0	0.000018	0.0399	0.0279	1.72	0.102	0.0000276	251	0.000301	0.0418	0.00224	0.0232
2028 Feb	5430	7.58	40.9	0.481	2370	0.992	1150	0	0	0.000018	0.0399	0.0279	1.72	0.102	0.0000276	251	0.000301	0.0418	0.00224	0.0232
2028 Mar	5430	7.58	40.9	0.481	2370	0.992	1150	0	0	0.000018	0.0399	0.0279	1.72	0.102	0.0000276	251	0.000301	0.0418	0.00224	0.0232
2028 Apr	5430	7.58	40.9	0.481	2370	0.992	1150	0	0	0.000018	0.0399	0.0279	1.72	0.102	0.0000276	251	0.000301	0.0418	0.00224	0.0232
2028 May	5440	7.59	41	0.482	2370	0.993	1150	0	0	0.0000181	0.04	0.0279	1.72	0.102	0.0000276	252	0.000301	0.0418	0.00225	0.0232
2028 Jun	5730	8	43.3	0.508	2500	1.04	1200	0	0	0.0000189	0.0419	0.0293	1.8	0.107	0.000029	264	0.000316	0.0439	0.00236	0.0243
2028 Jul	5900	8.24	44.6	0.523	2570	1.07	1240	0	0	0.0000195	0.043	0.0301	1.85	0.11	0.0000298	271	0.000324	0.0451	0.00242	0.025
2028 Aug	6010	8.39	45.5	0.533	2620	1.09	1260	0	0	0.0000198	0.0437	0.0305	1.88	0.112	0.0000302	275	0.00033	0.0458	0.00246	0.0254
2028 Sep	6360	8.87	48.2	0.563	2770	1.14	1320	0	0	0.0000208	0.046	0.0322	1.98	0.118	0.0000318	290	0.000347	0.0482	0.00259	0.0267
2028 Oct	7410	10.3	56.3	0.655	3230	1.31	1520	0	0	0.0000239	0.0529	0.0369	2.28	0.136	0.0000366	333	0.000399	0.0554	0.00298	0.0307
2028 Nov	7480	10.4	56.9	0.661	3260	1.33	1530	0	0	0.0000241	0.0534	0.0373	2.3	0.137	0.0000369	336	0.000402	0.0559	0.003	0.031
2028 Dec	7480	10.4	56.9	0.661	3260	1.33	1530	0	0	0.0000241	0.0534	0.0373	2.3	0.137	0.0000369	336	0.000402	0.0559	0.003	0.031
2029 Jan	7470	10.4	56.8	0.66	3260	1.32	1530	0.0000016	0.0000016	0.0000241	0.0533	0.0372	2.29	0.137	0.0000369	336	0.000402	0.0558	0.003	0.0309
2029 Feb	7450	10.4	56.7	0.659	3250	1.32	1530	0.0000039	0.0000039	0.0000241	0.0532	0.0371	2.29	0.136	0.0000368	335	0.000401	0.0557	0.003	0.0309
2029 Mar	7440	10.4	56.6	0.658	3250	1.32	1530	0.00000543	0.00000543	0.000024	0.0531	0.0371	2.29	0.136	0.0000367	335	0.0004	0.0556	0.00299	0.0308
2029 Apr	7440	10.4	56.6	0.658	3250	1.32	1520	0.00000657	0.00000657	0.000024	0.0531	0.0371	2.28	0.136	0.0000367	335	0.0004	0.0556	0.00299	0.0308
2029 May	7420	10.3	56.5	0.656	3240	1.31	1520	0.00000731	0.00000731	0.0000239	0.0529	0.0369	2.27	0.136	0.0000366	333	0.000399	0.0553	0.00298	0.0307
2029 Jun	4910	6.54	35.6	0.423	2180	0.83	1000	0.000217	0.000217	0.0000162	0.0355	0.024	1.43	0.0923	0.0000249	212	0.000263	0.0343	0.00193	0.0194
2029 Jul	1900	1.06	4.43	0.109	1000	0.186	447	0.000173	0.000173	0.00000455	0.012	0.00866	0.316	0.0444	0.0000106	49.6	0.000097	0.00503	0.00059	0.00421
2029 Aug	2120	1.34	5.93	0.127	1110	0.215	489	0.000113	0.000113	0.0000048	0.0128	0.00955	0.367	0.0476	0.0000113	56.8	0.000106	0.0062	0.000657	0.00487
2029 Sep	2270	1.55	7.15	0.141	1180	0.236	513	0.0000849	0.0000849	0.00000506	0.0135	0.0101	0.405	0.0495	0.0000117	62.1	0.000112	0.00712	0.000703	0.00537
2029 Oct	2340	1.72	8.17	0.15	1200	0.251	520	0.0000924	0.0000924	0.00000534	0.0141	0.0104	0.43	0.0502	0.000012	65.9	0.000114	0.00783	0.000731	0.00572
2029 Nov	2130	1.57	7.35	0.136	1100	0.232	474	0.000172	0.000172	0.00000528	0.0136	0.00956	0.39	0.0473	0.0000113	61.1	0.000105	0.00709	0.000675	0.00527
2029 Dec	2120	1.56	7.32	0.135	1090	0.23	470	0.00018	0.00018	0.0000053	0.0135	0.00949	0.388	0.047	0.0000113	60.9	0.000105	0.00705	0.000671	0.00525
2030 Jan	2110	1.55	7.3	0.135	1080	0.23	468	0.000183	0.000183	0.00000529	0.0135	0.00946	0.386	0.047	0.0000112	60.8	0.000104	0.00703	0.000671	0.00523
2030 Feb	2110	1.55	7.28	0.134	1080	0.229	467	0.000185	0.000185	0.00000529	0.0135	0.00945	0.386	0.0471	0.0000112	60.8	0.000104	0.00702	0.000672	0.00523
2030 Mar	2100	1.55	7.28	0.134	1080	0.229	467	0.000186	0.000186	0.00000529	0.0135	0.00945	0.385	0.0471	0.0000112	60.8	0.000104	0.00701	0.000672	0.00523
2030 Apr	2100	1.55	7.27	0.134	1080	0.229	467	0.000186	0.000186	0.0000053	0.0135	0.00945	0.385	0.0471	0.0000112	60.8	0.000104	0.00701	0.000673	0.00523
2030 May	2110	1.56	7.32	0.135	1090	0.23	469	0.000188	0.000188	0.00000533	0.0136	0.00949	0.387	0.0474	0.0000113	61.2	0.000105	0.00706	0.000677	0.00526
2030 Jun	1520	0.947	4.16	0.0903	790	0.158	347	0.000375	0.000375	0.00000486	0.0114	0.00703	0.262	0.0374	0.00000945	43.2	0.0000814	0.00441	0.000497	0.00363
2030 Jul	1760	1.08	4.76	0.105	921	0.178	405	0.00026	0.00026	0.00000478	0.0118	0.00803	0.302	0.0412	0.0000101	48	0.0000912	0.00504	0.000557	0.00408
2030 Aug	2110	1.43	6.61	0.131	1090	0.22	477	0.000148	0.000148	0.00000504	0.013	0.00946	0.375	0.0467	0.0000112	58.1	0.000105	0.00659	0.000659	0.00501
2030 Sep	2190	1.5	6.96	0.136	1130	0.228	494	0.000119	0.000119	0.00000507	0.0133	0.00979	0.391	0.048	0.0000115	60.2	0.000108	0.00689	0.000681	0.0052
2030 Oct	2270	1.6	7.46	0.143	1170	0.239	509	0.000101	0.000101	0.00000517	0.0137	0.0101	0.409	0.0493	0.0000117	62.8	0.000112	0.0073	0.000706	0.00544
2030 Nov	2210	1.58	7.36	0.139	1140	0.235	494	0.000132	0.000132	0.00000521	0.0136	0.00987	0.4	0.0484	0.0000115	61.9	0.000109	0.00717	0.000692	0.00535
2030 Dec	2190	1.56	7.3	0.138	1130	0.233	490	0.00014	0.00014	0.00000521	0.0136	0.00979	0.396	0.0481	0.0000115	61.5	0.000108	0.00711	0.000687	0.00531
2031 Jan	2180	1.56	7.27	0.138	1130	0.233	488	0.000142	0.000142	0.00000521	0.0135	0.00977	0.395	0.0481	0.0000115	61.4	0.000108	0.00709	0.000686	0.0053
2031 Feb	2180	1.56	7.26	0.137	1120	0.232	487	0.000144	0.000144	0.00000521	0.0135	0.00975	0.394	0.0482	0.0000115	61.4	0.000108	0.00708	0.000687	0.00529
2031 Mar	2180	1.55	7.25	0.137	1120	0.232	487	0.000145	0.000145	0.00000521	0.0135	0.00975	0.394	0.0482	0.0000115	61.4	0.000108	0.00707	0.000688	0.00529
2031 Apr	2180	1.56	7.26	0.137	1120	0.232	487	0.000146	0.000146	0.00000522	0.0135	0.00976	0.394	0.0483	0.0000115	61.5	0.000108	0.00708	0.00069	0.0053
2031 May	2200	1.61	7.6	0.14	1130	0.237	487	0.000161	0.000161	0.00000536	0.0137	0.00984	0.402	0.0491	0.0000116	63.3	0.000108	0.00732	0.000711	0.00542

Appendix D.2-14: TIRI03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Jun	1640	1.04	4.58	0.0975	849	0.168	372	0.00034	0.00034	0.00000493	0.0115	0.00767	0.282	0.0455	0.00000981	50.9	0.0000859	0.00484	0.000643	0.004
2031 Jul	1750	1.11	4.93	0.105	909	0.179	399	0.000289	0.000289	0.00000491	0.0119	0.0081	0.302	0.0458	0.0000101	52.2	0.0000905	0.00517	0.000644	0.00421
2031 Aug	2130	1.5	7.01	0.134	1100	0.225	476	0.000164	0.000164	0.00000519	0.0132	0.00958	0.383	0.0491	0.0000113	61.3	0.000106	0.00688	0.00071	0.00518
2031 Sep	2450	2.13	10.7	0.169	1230	0.283	517	0.000146	0.000146	0.0000061	0.0152	0.0108	0.483	0.0511	0.0000123	74.6	0.000118	0.00955	0.000792	0.00651
2031 Oct	2270	2.17	11	0.164	1120	0.279	468	0.000257	0.000257	0.00000641	0.0152	0.0101	0.467	0.0478	0.0000118	73.3	0.000111	0.00959	0.000749	0.00642
2031 Nov	2250	2.2	11.3	0.164	1110	0.281	458	0.000283	0.000283	0.00000653	0.0153	0.00996	0.468	0.0472	0.0000118	73.7	0.00011	0.00972	0.000746	0.00646
2031 Dec	2230	2.19	11.2	0.163	1100	0.279	455	0.000288	0.000288	0.00000652	0.0153	0.0099	0.465	0.047	0.0000117	73.3	0.000109	0.00965	0.000742	0.00642
2032 Jan	2230	2.18	11.2	0.162	1100	0.279	454	0.00029	0.00029	0.00000652	0.0153	0.00987	0.463	0.047	0.0000117	73.2	0.000109	0.00963	0.000741	0.00641
2032 Feb	2220	2.18	11.2	0.162	1090	0.278	453	0.000292	0.000292	0.00000652	0.0152	0.00986	0.463	0.047	0.0000117	73.1	0.000108	0.00961	0.000742	0.0064
2032 Mar	2220	2.18	11.2	0.162	1090	0.278	452	0.000292	0.000292	0.00000652	0.0152	0.00985	0.462	0.0471	0.0000117	73.1	0.000108	0.0096	0.000742	0.00639
2032 Apr	2220	2.18	11.2	0.162	1090	0.278	453	0.000293	0.000293	0.00000652	0.0152	0.00986	0.462	0.0471	0.0000117	73.2	0.000108	0.0096	0.000744	0.0064
2032 May	2250	2.2	11.3	0.164	1100	0.281	458	0.000291	0.000291	0.00000657	0.0154	0.00997	0.468	0.0476	0.0000118	74	0.00011	0.00972	0.000752	0.00647
2032 Jun	1530	1.15	5.47	0.0983	777	0.172	335	0.000425	0.000425	0.0000053	0.0119	0.00703	0.284	0.0365	0.00000951	46.7	0.000082	0.00525	0.000512	0.00397
2032 Jul	2160	1.37	6.09	0.13	1130	0.217	495	0.0000996	0.0000996	0.00000481	0.0129	0.00967	0.373	0.0479	0.0000113	57.4	0.000107	0.00631	0.000665	0.00494
2032 Aug	2270	1.74	8.36	0.148	1160	0.249	500	0.000135	0.000135	0.00000547	0.0138	0.0101	0.424	0.0487	0.0000117	65.3	0.00011	0.00788	0.000714	0.00567
2032 Sep	2290	1.76	8.46	0.149	1170	0.251	502	0.000132	0.000132	0.00000549	0.0139	0.0102	0.427	0.049	0.0000118	65.8	0.000111	0.00795	0.000718	0.00572
2032 Oct	2310	1.74	8.34	0.15	1180	0.251	509	0.000118	0.000118	0.00000544	0.0139	0.0103	0.428	0.0495	0.0000119	65.9	0.000112	0.0079	0.000724	0.00572
2032 Nov	2310	1.83	8.92	0.153	1170	0.258	502	0.000146	0.000146	0.00000565	0.0142	0.0103	0.437	0.0493	0.0000119	67.6	0.000112	0.00827	0.00073	0.00588
2032 Dec	2230	1.83	8.97	0.149	1130	0.254	480	0.000193	0.000193	0.00000575	0.0142	0.00992	0.428	0.0479	0.0000116	66.8	0.000109	0.00822	0.000713	0.0058
2033 Jan	2210	1.81	8.88	0.148	1120	0.252	475	0.000201	0.000201	0.00000575	0.0141	0.00983	0.424	0.0478	0.0000116	66.4	0.000108	0.00814	0.00071	0.00576
2033 Feb	2200	1.81	8.85	0.147	1110	0.251	473	0.000204	0.000204	0.00000574	0.0141	0.00981	0.422	0.0479	0.0000116	66.4	0.000107	0.00811	0.000712	0.00574
2033 Mar	2190	1.81	8.83	0.147	1110	0.251	473	0.000206	0.000206	0.00000574	0.0141	0.0098	0.422	0.048	0.0000115	66.4	0.000107	0.0081	0.000714	0.00574
2033 Apr	2200	1.81	8.84	0.147	1110	0.251	473	0.000208	0.000208	0.00000576	0.0141	0.00981	0.422	0.0481	0.0000116	66.5	0.000107	0.00811	0.000716	0.00575
2033 May	1980	1.71	8.48	0.135	984	0.233	421	0.000315	0.000315	0.0000059	0.0136	0.00906	0.39	0.0489	0.000011	66.1	0.0000993	0.00772	0.00075	0.00547
2033 Jun	1640	1.13	5.2	0.0997	822	0.184	391	0.000311	0.000311	0.00000508	0.012	0.00808	0.31	0.0461	0.0000101	54.1	0.0000902	0.00552	0.000663	0.00435
2033 Jul	1850	1.19	5.37	0.109	929	0.203	453	0.000186	0.000186	0.0000049	0.0125	0.00902	0.345	0.0475	0.0000108	56	0.0001	0.00593	0.000667	0.00468
2033 Aug	2010	1.35	6.28	0.122	1010	0.223	488	0.000129	0.000129	0.00000503	0.0131	0.0097	0.382	0.0492	0.0000114	60.3	0.000107	0.0067	0.0007	0.00512
2033 Sep	2140	1.68	8.21	0.139	1060	0.252	499	0.000142	0.000142	0.00000554	0.0142	0.0102	0.429	0.0494	0.0000118	66.6	0.000112	0.00804	0.00073	0.00577
2033 Oct	1880	1.63	8.06	0.127	918	0.235	424	0.000294	0.000294	0.00000578	0.0138	0.00895	0.388	0.0445	0.0000109	62.4	0.0000988	0.00757	0.000655	0.00538
2033 Nov	1820	1.58	7.84	0.123	884	0.229	408	0.000324	0.000324	0.00000578	0.0137	0.00866	0.376	0.0435	0.0000107	60.9	0.0000957	0.00735	0.000637	0.00524
2033 Dec	1810	1.58	7.81	0.122	881	0.229	406	0.000326	0.000326	0.00000578	0.0137	0.00864	0.375	0.0434	0.0000107	60.7	0.0000954	0.00733	0.000635	0.00523
2034 Jan	1810	1.58	7.8	0.122	880	0.228	406	0.000327	0.000327	0.00000578	0.0137	0.00863	0.374	0.0434	0.0000107	60.7	0.0000953	0.00732	0.000635	0.00522
2034 Feb	1810	1.58	7.79	0.122	879	0.228	405	0.000328	0.000328	0.00000578	0.0137	0.00862	0.374	0.0434	0.0000107	60.7	0.0000953	0.00731	0.000636	0.00522
2034 Mar	1810	1.58	7.79	0.122	879	0.228	405	0.000328	0.000328	0.00000578	0.0137	0.00862	0.374	0.0434	0.0000107	60.7	0.0000952	0.00731	0.000636	0.00522
2034 Apr	1810	1.58	7.8	0.122	880	0.228	406	0.000329	0.000329	0.00000579	0.0137	0.00863	0.374	0.0435	0.0000107	60.8	0.0000954	0.00732	0.000637	0.00523
2034 May	1760	1.53	7.56	0.119	856	0.223	397	0.00035	0.00035	0.00000579	0.0135	0.00849	0.365	0.0441	0.0000106	60.5	0.0000938	0.00713	0.000649	0.00513
2034 Jun	1530	1.05	4.84	0.0908	740	0.184	389	0.000316	0.000316	0.00000507	0.0121	0.00806	0.307	0.0465	0.0000101	54.3	0.0000893	0.00545	0.000664	0.00434
2034 Jul	1960	1.54	7.65	0.125	933	0.244	481	0.000175	0.000175	0.00000554	0.0136	0.00985	0.414	0.0484	0.0000115	64.8	0.000108	0.00778	0.000717	0.00561
2034 Aug	1960	1.52	7.51	0.125	938	0.244	487	0.00016	0.00016	0.00000548	0.0136	0.00991	0.414	0.0485	0.0000116	64.5	0.000108	0.00772	0.000714	0.00559
2034 Sep	1990	1.69	8.5	0.132	943	0.255	476	0.0002	0.0002	0.0000058	0.0143	0.00989	0.43	0.0479	0.0000116	67.2	0.000109	0.00832	0.000717	0.00585
2034 Oct	1850	1.75	8.92	0.129	870	0.25	423	0.000317	0.000317	0.00000611	0.0143	0.00911	0.411	0.0447	0.0000111	65.9	0.0001	0.0083	0.000677	0.00572
2034 Nov	1830	1.77	9.08	0.129	857	0.249	412	0.000344	0.000344	0.0000062	0.0144	0.00897	0.409	0.044	0.000011	65.8	0.0000989	0.00835	0.00067	0.00572
2034 Dec	1820	1.76	9.04	0.129	853	0.248	410	0.000348	0.000348	0.0000062	0.0143	0.00893	0.407	0.0439	0.000011	65.6	0.0000985	0.00831	0.000668	0.0057
2035 Jan	1820	1.76	9.03	0.128	851	0.248	410	0.000349	0.000349	0.0000062	0.0143	0.00892	0.406	0.0439	0.000011	65.6	0.0000984	0.0083	0.000668	0.00569
2035 Feb	1810	1.76	9.02	0.128	850	0.248	409	0.00035	0.00035	0.0000062	0.0143	0.00891	0.406	0.0439	0.0000109	65.6	0.0000983	0.00829	0.000668	0.00569
2035 Mar	1810	1.76	9.01	0.128	850	0.248	409	0.000351	0.000351	0.0000062	0.0143	0.00891	0.406	0.044	0.0000109	65.6	0.0000982	0.00829	0.000669	0.00568
2035 Apr	1820	1.76	9.02	0.128	851	0.248	409	0.000352	0.000352	0.00000621	0.0143	0.00892	0.406	0.0441	0.000011	65.7	0.0000983	0.00829	0.00067	0.00569
2035 May	1830	1.76	9	0.128	854	0.249	414	0.000351	0.000351	0.00000623	0.0144	0.009	0.409	0.0446	0.0000111	66.2	0.0000993	0.00832	0.000679	0.00572
2035 Jun	1270	0.745	3.32	0.0685	586	0.162	362	0.000344	0.000344	0.00000481	0.0114	0.00733	0.27	0.0406	0.00000961	45.9	0.0000837	0.00452	0.00055	0.00376
2035 Jul	1560	0.859	3.79	0.0823	722	0.197	463	0.000149	0.000149	0.00000465	0.0123	0.00901	0.336	0.0459	0.0000108	52.8	0.000101	0.00551	0.000624	0.00448
2035 Aug	1770	1.12	5.27	0.0998	816	0.23	507	0.0000902	0.0000902	0.00000498	0.0133	0.00998	0.395	0.0491	0.0000116	60.7	0.00011	0.00687	0.000694	0.00523
2035 Sep	1790	1.6	8.15	0.119	809	0.261	453	0.000262	0.000262	0.00000611	0.0145	0.00963	0.435	0.0464	0.0000115	68.5	0.000106	0.00873	0.000709	0.00597
2035 Oct	1900	1.7	8.69	0.127	858	0.275	479	0.000222	0.000222	0.00000621	0.015	0.0102	0.461	0.0483	0.0000119	72	0.000112	0.00928	0.000746	0.0063
2035 Nov	1850	1.63	8.33	0.122	836	0.267	469	0.000235	0.000235	0.00000613	0.0148	0.00994	0.448	0.0476	0.0000117	70.2	0.000109	0.00895	0.000729	0.00613
2035 Dec	1820	1.61	8.21	0.121	823	0.264	462	0.000247	0.000247	0.00000611	0.0147	0.0098	0.441	0.0471	0.0000116	69.4	0.000108	0.00883	0.00072	0.00605
2036 Jan	1820	1.61	8.18	0.12	820	0.263	460	0.00025	0.00025	0.00000611	0.0147	0.00977	0.44	0.0471	0.0000116	69.3	0.000107	0.0088	0.000719	0.00604
2036 Feb	1810	1.6	8.17	0.12	819	0.263	460	0.000252	0.000252	0.00000611	0.0147	0.00976	0.439	0.0471	0.0000116	69.2	0.000107	0.00878	0.00072	0.00603
2036 Mar	1810	1.6	8.16	0.12	818	0.263	459	0.000253	0.000253	0.00000611	0.0147	0.00975	0.438	0.0472	0.0000116	69.2	0.000107	0.00877	0.000721	0.00602
2036 Apr	1820	1.61	8.18	0.12	820	0.263	461	0.000252	0.000252	0.00000612	0.0147	0.00978	0.44	0.0473	0.0000116	69.5	0.000108	0.0088	0.000724	0.00604
2036 May	1840	1.62	8.25	0.121	827	0.266	467	0.00025	0.00025	0.00000617	0.0148	0.0099	0.445	0.0479	0.0000117	70.3	0.000109	0.00891	0.000733	0.00611
2036 Jun	1180	0.782	3.74	0.0662	518	0.17	347	0.000393	0.000393	0.00000516	0.0118	0.00718	0.283	0.0374	0.00000959	46.4	0.0000833	0.00509	0.000517	0.00393
2036 Jul	1270	0.719	3.29	0.066	555	0.18	400	0.000274	0.000274	0.00000485	0.0118	0.00798	0.304	0.0409	0.0000101	48.4	0.0000902	0.00515	0.000557	0.00412
2036 Aug	1400	0.823	3.83	0.0738	608	0.199	434	0.000218	0.000218	0.00000494	0.0123	0.00865	0.336	0.0435	0.0000106	52.8	0.0000965	0.00581	0.000602	0.00453
2036 Sep	1740	1.25	6.2	0.102	755	0.257	512	0.000118	0.000118	0.00000556	0.0142	0.0104	0.44	0.0495	0.000012	67.4	0.000114	0.00826	0.000736	0.00588
2036 Oct	1720	1.43	7.25	0.108	741	0.268	479	0.000215	0.000215	0.00000608	0.0148	0.0101	0.452	0.048	0.0000118	70.4	0.000111	0.00897	0.000736	0.00615
2036 Nov	1700	1.44	7.35	0.108	731	0.268	468	0.00024	0.00024	0.00000616	0.0148	0.00993	0.449	0.0475	0.0000117	70.3	0.000109	0.00901	0.000729	0.00615
2036 Dec	1640	1.41	7.16	0.104	707	0.261	452	0.000269	0.000269	0.00000614	0.0147	0.00963	0.435	0.0464	0.0000115	68.7	0.000106	0.00875	0.00071	0.00599
2037 Jan	1630	1.4	7.11	0.104	702	0.26	449	0.000274	0.000274	0.00000614	0.0146	0.00958	0.432	0.0463	0.0000114	68.4	0.000106	0.00869	0.000708	0.00596
2037 Feb	1630	1.39	7.09	0.103	700	0.259	447	0.000276	0.000276	0.00000613	0.0146	0.00956	0.431	0.0464	0.0000114	68.4	0.000105	0.00867	0.00071	0.00595
2037 Mar	1630	1.39	7.08	0.103	699	0.259	447	0.000278	0.000278	0.00000613	0.0146	0.00955	0.43	0.0465	0.0000114	68.4	0.000105	0.00866	0.000711	0.00594
2037 Apr	1630	1.39	7.08	0.103	699	0.259	447	0.000279	0.000279	0.00000614	0.0146	0.00955	0.43	0.0466	0.0000114	68.5	0.000105	0.00866	0.000713	0.00594
2037 May	1400	1.14	5.69	0.0862	597	0.221	395	0.000356	0.000356	0.00000582	0.0133	0.00854	0.366	0.0465	0.0000106	62.6	0.0000942	0.00723	0.000704	0.00518
2037 Jun	590	0.397	1.84	0.0331	246	0.0903	184	0.000193	0.000193	0.00000266	0.00604	0.00392	0.15	0.0239	0.00000501	27.8	0.0000435	0.00273	0.000348	0.00217
2037 Jul	231	0.155	0.726	0.013	96.2	0.0355	72.6	0.0000682	0.0000682	0.00000101	0.00233	0.00153	0.0592	0.00906	0.00000194	10.7	0.000017	0.00108	0.000132	0.000846
2037 Aug	130	0.0876	0.41	0.00736	54.2	0.0201	41.2	0.0000354	0.0000354	0.000000556	0.0013	0.000864	0.0335	0.00502	0.00000108	5.97	0.00000958	0.000611	0.0000731	0.000476
2037 Sep	95.7	0.0646	0.303	0.00542	39.8	0.0147	30.2	0.0000245	0.0000245	0.000000402	0.000943	0.000633	0.0247	0.00363	0.000000787	4.35	0.00000701	0.000451	0.0000529	0.000349
2037 Oct	89.8	0.0614	0.289	0.00512	37.2	0.0139	28.3	0.0000221	0.0000221	0.000000374	0.000881	0.000592	0.0233	0.00335	0.000000733	4.07	0.00000655	0.000428	0.0000489	0.000329

Appendix D.2-14: TIRI03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Nov	90.9	0.0623	0.294	0.00519	37.7	0.0141	28.6	0.0000226	0.0000226	0.00000038	0.000895	0.000599	0.0236	0.00339	0.000000743	4.12	0.00000664	0.000434	0.0000495	0.000333
2037 Dec	90.9	0.0624	0.294	0.00519	37.7	0.0142	28.6	0.0000227	0.0000227	0.000000381	0.000896	0.0006	0.0237	0.00339	0.000000744	4.12	0.00000664	0.000435	0.0000495	0.000334
2038 Jan	90.9	0.0624	0.294	0.00519	37.7	0.0142	28.6	0.0000227	0.0000227	0.000000381	0.000896	0.0006	0.0237	0.00339	0.000000744	4.13	0.00000664	0.000435	0.0000495	0.000334
2038 Feb	90.9	0.0624	0.294	0.00519	37.7	0.0142	28.6	0.0000228	0.0000228	0.000000381	0.000896	0.0006	0.0237	0.0034	0.000000744	4.13	0.00000664	0.000435	0.0000495	0.000334
2038 Mar	90.9	0.0624	0.294	0.00519	37.7	0.0142	28.6	0.0000228	0.0000228	0.000000381	0.000896	0.0006	0.0237	0.0034	0.000000744	4.13	0.00000664	0.000435	0.0000496	0.000334
2038 Apr	91	0.0625	0.295	0.00519	37.7	0.0142	28.6	0.0000228	0.0000228	0.000000381	0.000897	0.0006	0.0237	0.0034	0.000000744	4.13	0.00000664	0.000435	0.0000496	0.000334
2038 May	92.5	0.0632	0.297	0.00526	38.3	0.0144	29.2	0.0000256	0.0000256	0.000000399	0.000927	0.000614	0.024	0.00356	0.000000769	4.27	0.0000068	0.000441	0.000052	0.000342
2038 Jun	98.9	0.0655	0.299	0.00553	40.4	0.0155	31.8	0.0000389	0.0000389	0.000000483	0.00107	0.000684	0.0255	0.00435	0.000000889	4.93	0.00000759	0.000464	0.0000635	0.000376
2038 Jul	86.2	0.0571	0.261	0.00482	35.1	0.0135	27.7	0.0000334	0.0000334	0.000000419	0.000931	0.000596	0.0223	0.00377	0.000000773	4.29	0.00000662	0.000405	0.000055	0.000328
2038 Aug	74.7	0.0494	0.226	0.00418	30.4	0.0117	24.2	0.0000276	0.0000276	0.000000358	0.000801	0.000517	0.0194	0.00324	0.000000667	3.69	0.00000574	0.000352	0.0000472	0.000284
2038 Sep	67.4	0.0447	0.205	0.00379	27.4	0.0106	21.9	0.0000238	0.0000238	0.000000319	0.000719	0.000467	0.0176	0.00289	0.000000599	3.31	0.00000518	0.00032	0.0000421	0.000256
2038 Oct	65	0.0433	0.199	0.00367	26.4	0.0103	21.2	0.0000228	0.0000228	0.000000307	0.000695	0.000451	0.0171	0.00277	0.000000577	3.19	0.000005	0.000311	0.0000403	0.000248
2038 Nov	65.3	0.0436	0.2	0.00368	26.5	0.0104	21.2	0.0000229	0.0000229	0.000000308	0.000698	0.000452	0.0172	0.00278	0.000000579	3.21	0.00000502	0.000312	0.0000404	0.000249
2038 Dec	65.3	0.0436	0.2	0.00368	26.5	0.0104	21.2	0.0000229	0.0000229	0.000000309	0.000698	0.000453	0.0172	0.00278	0.00000058	3.21	0.00000502	0.000313	0.0000404	0.000249
2039 Jan	65.3	0.0436	0.2	0.00369	26.5	0.0104	21.2	0.0000229	0.0000229	0.000000309	0.000698	0.000453	0.0172	0.00278	0.00000058	3.21	0.00000502	0.000313	0.0000405	0.000249
2039 Feb	65.3	0.0436	0.2	0.00369	26.5	0.0104	21.2	0.0000229	0.0000229	0.000000309	0.000698	0.000453	0.0172	0.00278	0.00000058	3.21	0.00000502	0.000313	0.0000405	0.000249
2039 Mar	65.3	0.0436	0.2	0.00369	26.5	0.0104	21.3	0.0000229	0.0000229	0.000000309	0.000699	0.000453	0.0172	0.00278	0.00000058	3.21	0.00000502	0.000313	0.0000405	0.00025
2039 Apr	65.3	0.0437	0.2	0.00369	26.5	0.0104	21.3	0.0000229	0.0000229	0.000000309	0.000699	0.000453	0.0172	0.00278	0.00000058	3.21	0.00000503	0.000313	0.0000405	0.00025
2039 May	65.5	0.0437	0.201	0.0037	26.5	0.0104	21.3	0.000023	0.000023	0.00000031	0.0007	0.000454	0.0172	0.00279	0.000000582	3.22	0.00000504	0.000313	0.0000406	0.00025
2039 Jun	71.2	0.0485	0.225	0.00407	28.4	0.0117	23.3	0.0000308	0.0000308	0.000000371	0.000815	0.000501	0.0193	0.00303	0.000000665	3.57	0.00000567	0.000356	0.000044	0.000281
2039 Jul	71.2	0.0481	0.222	0.00408	28.2	0.0119	23.7	0.0000339	0.0000339	0.000000388	0.00084	0.00051	0.0195	0.00306	0.000000689	3.59	0.00000578	0.000357	0.0000438	0.000284
2039 Aug	66.7	0.0451	0.209	0.00383	26.3	0.0113	22.2	0.0000331	0.0000331	0.000000372	0.000793	0.00048	0.0184	0.00287	0.000000654	3.38	0.00000541	0.000337	0.0000409	0.000269
2039 Sep	61.5	0.0418	0.194	0.00355	24.2	0.0104	20.5	0.0000301	0.0000301	0.000000342	0.00073	0.000443	0.017	0.00264	0.000000602	3.12	0.000005	0.000313	0.0000377	0.000249
2039 Oct	59.4	0.0406	0.189	0.00343	23.4	0.0101	19.8	0.0000289	0.0000289	0.00000033	0.000705	0.000428	0.0165	0.00255	0.000000581	3.02	0.00000483	0.000304	0.0000364	0.000241
2039 Nov	59.5	0.0407	0.189	0.00344	23.4	0.0101	19.9	0.000029	0.000029	0.00000033	0.000706	0.000429	0.0165	0.00255	0.000000581	3.02	0.00000483	0.000305	0.0000364	0.000241
2039 Dec	59.5	0.0407	0.189	0.00344	23.4	0.0101	19.9	0.000029	0.000029	0.00000033	0.000707	0.000429	0.0165	0.00255	0.000000582	3.02	0.00000483	0.000305	0.0000364	0.000241
2040 Jan	59.5	0.0407	0.189	0.00344	23.4	0.0101	19.9	0.000029	0.000029	0.00000033	0.000707	0.000429	0.0165	0.00255	0.000000582	3.02	0.00000483	0.000305	0.0000364	0.000241
2040 Feb	59.6	0.0407	0.189	0.00344	23.4	0.0101	19.9	0.000029	0.000029	0.00000033	0.000707	0.000429	0.0165	0.00255	0.000000582	3.03	0.00000483	0.000305	0.0000364	0.000241
2040 Mar	59.6	0.0407	0.189	0.00344	23.4	0.0101	19.9	0.000029	0.000029	0.00000033	0.000707	0.000429	0.0166	0.00255	0.000000582	3.03	0.00000484	0.000305	0.0000364	0.000241
2040 Apr	59.6	0.0407	0.189	0.00344	23.4	0.0101	19.9	0.000029	0.000029	0.000000331	0.000707	0.000429	0.0166	0.00255	0.000000582	3.03	0.00000484	0.000305	0.0000365	0.000241
2040 May	59.8	0.0409	0.19	0.00345	23.5	0.0102	19.9	0.0000294	0.0000294	0.000000333	0.000711	0.000431	0.0166	0.00257	0.000000585	3.05	0.00000486	0.000306	0.0000368	0.000242
2040 Jun	60.1	0.0409	0.188	0.00345	23.4	0.0103	20.1	0.0000346	0.0000346	0.000000359	0.000749	0.000441	0.0167	0.00276	0.000000614	3.19	0.00000499	0.000307	0.0000396	0.000248
2040 Jul	57.6	0.0393	0.181	0.00332	22.4	0.0099	19.3	0.0000329	0.0000329	0.000000344	0.000718	0.000424	0.0161	0.00264	0.000000588	3.06	0.0000048	0.000296	0.0000378	0.000239
2040 Aug	54.2	0.0371	0.171	0.00313	21	0.00935	18.2	0.0000305	0.0000305	0.000000322	0.000674	0.000399	0.0152	0.00248	0.000000552	2.88	0.00000452	0.000281	0.0000355	0.000225
2040 Sep	51.3	0.0353	0.163	0.00297	19.9	0.0089	17.3	0.0000285	0.0000285	0.000000304	0.000638	0.000378	0.0145	0.00234	0.000000522	2.73	0.00000428	0.000268	0.0000336	0.000214
2040 Oct	49.8	0.0343	0.159	0.00288	19.3	0.00866	16.8	0.0000276	0.0000276	0.000000295	0.000619	0.000367	0.0141	0.00226	0.000000506	2.66	0.00000415	0.000261	0.0000326	0.000208
2040 Nov	49.9	0.0344	0.159	0.00289	19.3	0.00867	16.8	0.0000276	0.0000276	0.000000296	0.00062	0.000368	0.0141	0.00227	0.000000507	2.66	0.00000416	0.000262	0.0000326	0.000209
2040 Dec	49.9	0.0344	0.159	0.00289	19.3	0.00868	16.8	0.0000277	0.0000277	0.000000296	0.00062	0.000368	0.0141	0.00227	0.000000507	2.66	0.00000416	0.000262	0.0000326	0.000209
2041 Jan	49.9	0.0344	0.159	0.00289	19.3	0.00868	16.8	0.0000277	0.0000277	0.000000296	0.00062	0.000368	0.0141	0.00227	0.000000507	2.66	0.00000416	0.000262	0.0000326	0.000209
2041 Feb	49.9	0.0344	0.159	0.00289	19.3	0.00868	16.8	0.0000277	0.0000277	0.000000296	0.00062	0.000368	0.0141	0.00227	0.000000507	2.66	0.00000416	0.000262	0.0000326	0.000209
2041 Mar	49.9	0.0344	0.159	0.00289	19.3	0.00868	16.8	0.0000277	0.0000277	0.000000296	0.00062	0.000368	0.0141	0.00227	0.000000507	2.66	0.00000416	0.000262	0.0000326	0.000209
2041 Apr	49.9	0.0344	0.159	0.00289	19.3	0.00868	16.8	0.0000277	0.0000277	0.000000296	0.00062	0.000368	0.0141	0.00227	0.000000507	2.66	0.00000416	0.000262	0.0000326	0.000209
2041 May	50.3	0.0348	0.161	0.00291	19.5	0.00877	16.9	0.0000277	0.0000277	0.000000298	0.000624	0.000371	0.0143	0.00228	0.00000051	2.69	0.00000419	0.000266	0.0000329	0.000211
2041 Jun	50.5	0.035	0.162	0.00293	19.4	0.00891	17	0.0000312	0.0000312	0.000000316	0.000654	0.000376	0.0144	0.00232	0.00000053	2.73	0.0000043	0.000269	0.0000333	0.000214
2041 Jul	49.2	0.0339	0.157	0.00286	18.8	0.00873	16.7	0.0000319	0.0000319	0.000000316	0.000651	0.000369	0.0141	0.00228	0.000000526	2.68	0.00000424	0.000263	0.0000325	0.00021
2041 Aug	46.8	0.0324	0.15	0.00272	17.9	0.00833	15.9	0.0000301	0.0000301	0.0000003	0.000618	0.000352	0.0135	0.00216	0.0000005	2.55	0.00000404	0.000251	0.0000309	0.0002
2041 Sep	44.8	0.0311	0.144	0.00261	17.1	0.00801	15.2	0.0000285	0.0000285	0.000000287	0.000591	0.000337	0.013	0.00206	0.000000477	2.44	0.00000386	0.000243	0.0000295	0.000192
2041 Oct	43.9	0.0306	0.142	0.00256	16.7	0.00788	14.9	0.0000278	0.0000278	0.000000281	0.000579	0.00033	0.0128	0.00202	0.000000467	2.4	0.00000379	0.000239	0.0000289	0.000189
2041 Nov	43.9	0.0307	0.143	0.00257	16.7	0.0079	14.9	0.0000279	0.0000279	0.000000281	0.00058	0.000331	0.0128	0.00202	0.000000468	2.4	0.00000379	0.00024	0.000029	0.00019
2041 Dec	44	0.0307	0.143	0.00257	16.7	0.0079	14.9	0.0000279	0.0000279	0.000000281	0.00058	0.000331	0.0128	0.00202	0.000000468	2.41	0.00000379	0.00024	0.000029	0.00019
2042 Jan	44	0.0307	0.143	0.00257	16.7	0.00791	14.9	0.0000279	0.0000279	0.000000281	0.00058	0.000331	0.0128	0.00202	0.000000468	2.41	0.00000379	0.00024	0.000029	0.00019
2042 Feb	44	0.0307	0.143	0.00257	16.7	0.00791	14.9	0.0000279	0.0000279	0.000000281	0.00058	0.000331	0.0128	0.00202	0.000000468	2.41	0.00000379	0.00024	0.000029	0.00019
2042 Mar	44	0.0307	0.143	0.00257	16.7	0.00791	14.9	0.0000279	0.0000279	0.000000282	0.00058	0.000331	0.0128	0.00202	0.000000468	2.41	0.00000379	0.00024	0.000029	0.00019
2042 Apr	44	0.0307	0.143	0.00257	16.8	0.00791	15	0.0000279	0.0000279	0.000000282	0.000581	0.000331	0.0128	0.00202	0.000000468	2.41	0.0000038	0.000241	0.000029	0.00019
2042 May	44.1	0.0308	0.143	0.00257	16.8	0.00793	15	0.0000279	0.0000279	0.000000282	0.000582	0.000332	0.0128	0.00203	0.000000469	2.41	0.00000381	0.000241	0.0000291	0.00019
2042 Jun	43.7	0.0304	0.142	0.00255	16.6	0.0079	14.9	0.0000299	0.0000299	0.000000291	0.000593	0.000331	0.0127	0.00203	0.000000476	2.41	0.00000382	0.000239	0.000029	0.00019
2042 Jul	42.4	0.0296	0.138	0.00247	16.1	0.00771	14.4	0.0000302	0.0000302	0.000000288	0.000584	0.000322	0.0124	0.00198	0.000000468	2.35	0.00000373	0.000234	0.0000282	0.000185
2042 Aug	40.8	0.0286	0.134	0.00238	15.4	0.00751	13.9	0.0000295	0.0000295	0.000000281	0.000566	0.000311	0.0121	0.00191	0.000000453	2.29	0.00000359	0.000228	0.0000272	0.00018
2042 Sep	39.2	0.0276	0.129	0.00229	14.8	0.00727	13.3	0.0000286	0.0000286	0.000000272	0.000545	0.000299	0.0117	0.00184	0.000000437	2.21	0.00000346	0.000222	0.0000262	0.000174
2042 Oct	38.5	0.0272	0.127	0.00225	14.5	0.00717	13.1	0.0000281	0.0000281	0.000000267	0.000536	0.000294	0.0115	0.0018	0.000000429	2.17	0.00000339	0.000219	0.0000257	0.000172
2042 Nov	38.6	0.0273	0.128	0.00225	14.5	0.00719	13.1	0.0000282	0.0000282	0.000000268	0.000538	0.000295	0.0115	0.0018	0.00000043	2.18	0.0000034	0.00022	0.0000258	0.000172
2042 Dec	38.6	0.0273	0.128	0.00226	14.5	0.00719	13.1	0.0000282	0.0000282	0.000000268	0.000538	0.000295	0.0115	0.0018	0.00000043	2.18	0.0000034	0.00022	0.0000258	0.000172
2043 Jan	38.6	0.0273	0.128	0.00226	14.5	0.00719	13.1	0.0000282	0.0000282	0.000000268	0.000538	0.000295	0.0115	0.00181	0.00000043	2.18	0.0000034	0.00022	0.0000258	0.000172
2043 Feb	38.6	0.0273	0.128	0.00226	14.5	0.00719	13.1	0.0000282	0.0000282	0.000000268	0.000538	0.000295	0.0115	0.00181	0.00000043	2.18	0.0000034	0.00022	0.0000258	0.000172
2043 Mar	38.6	0.0273	0.128	0.00226	14.5	0.00719	13.1	0.0000282	0.0000282	0.000000268	0.000538	0.000295	0.0115	0.00181	0.00000043	2.18	0.0000034	0.00022	0.0000258	0.000172
2043 Apr	38.6	0.0273	0.128	0.00226	14.5	0.0072	13.1	0.0000282	0.0000282	0.000000268	0.000538	0.000295	0.0115	0.00181	0.00000043	2.18	0.0000034	0.00022	0.0000258	0.000173
2043 May	38.7	0.0274	0.128	0.00226	14.6	0.00721	13.1	0.0000283	0.0000283	0.000000269	0.00054	0.000296	0.0115	0.00181	0.000000431	2.19	0.00000341	0.00022	0.0000259	0.000173
2043 Jun	38.3	0.0271	0.126	0.00223	14.4	0.00717	13	0.0000307	0.0000307	0.000000279	0.000551	0.000296	0.0114	0.00188	0.000000439	2.23	0.00000342	0.000218	0.0000269	0.000173
2043 Jul	37.3	0.0265	0.123	0.00217	14	0.00701	12.6	0.00003	0.00003	0.000000273	0.000538	0.000289	0.0112	0.00183	0.000000428	2.18	0.00000334	0.000214	0.0000262	0.00017
2043 Aug	36.1	0.0256	0.12	0.0021	13.5	0.0068	12.2	0.0000289	0.0000289	0.000000264	0.00052	0.000279	0.0108	0.00176	0.000000414	2.11	0.00000323	0.000208	0.0000253	0.000164
2043 Sep	35.7	0.0254	0.119	0.00208	13.4	0.00678	12.1	0.0000285	0.0000285	0.000000261	0.000515	0.000277	0.0108	0.00174	0.000000409	2.1	0.0000032	0.000208	0.0000251	0.000164
2043 Oct	36	0.0257	0.12	0.0021	13.5	0.00686	12.2	0.0000289	0.0000289	0.000000264	0.000521	0.000279	0.0109	0.00176	0.000000413	2.12	0.00000322	0.000212	0.0000253	0.000166
2043 Nov	36.1	0.0258	0.121	0.0021	13.5	0.0069	12.2	0.0000292	0.0000292	0.000000266	0.000525	0.00028	0.011	0.00176	0.000000415	2.13	0.00000324	0.000213	0.0000254	0.000167
2043 Dec	36.1	0.0258	0.121	0.0021	13.5	0.0069	12.2	0.0000292	0.0000292	0.000000266	0.000525	0.00028	0.011	0.00176	0.000000415	2.13	0.00000324	0.000213	0.0000254	0.000167

Appendix D.2-14: TIRI03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.00000978	2.65E-08	0.012	0.0275	0.000133	0.00000495	0.161	0.0000303	0.00000133	3.41E-08	0.00000149	0.000000663	0.000735	1.77E-09	0.00000297	0.00000107	0.00000171	0
Operation (2026-2036): Mean	0.03	0.0000621	31.3	55.7	0.305	0.0126	595	0.0682	0.0118	0.000104	0.00345	0.00156	1.83	0.00000482	0.00871	0.00237	0.00403	0
Operation (2026-2036): Max	0.0656	0.000175	79.7	182	0.877	0.0327	1980	0.201	0.0221	0.000267	0.00987	0.00439	4.86	0.0000117	0.0197	0.00707	0.0113	0
Active Closure (2037-2043): Min	0.00219	0.00000137	0.667	0.921	0.00671	0.000255	5.59	0.00123	0.00136	0.0000113	0.000068	0.0000307	0.0382	0.000000147	0.000196	0.0000585	0.000119	0
Active Closure (2037-2043): Mean	0.0047	0.0000047	2.5	3.48	0.0233	0.00098	28.7	0.00473	0.00271	0.0000232	0.00025	0.000115	0.143	0.000000441	0.000751	0.000182	0.000333	0
Active Closure (2037-2043): Max	0.0402	0.0000447	23.8	35.1	0.213	0.0095	326	0.0469	0.0222	0.000205	0.00242	0.00111	1.36	0.00000392	0.00709	0.00161	0.00292	0
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2043)																		
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0.00000978	2.65E-08	0.012	0.0275	0.000133	0.00000495	0.161	0.0000303	0.00000133	3.41E-08	0.00000149	0.000000663	0.000735	1.77E-09	0.00000297	0.00000107	0.00000171	0
2026 Apr	0.000031	0.000000084	0.0382	0.087	0.00042	0.0000157	0.509	0.0000961	0.0000042	0.000000108	0.00000473	0.0000021	0.00233	5.6E-09	0.00000941	0.00000339	0.00000541	0
2026 May	0.000777	0.00000211	0.958	2.18	0.0105	0.000394	12.8	0.00241	0.000105	0.00000271	0.000119	0.0000527	0.0584	0.00000014	0.000236	0.000085	0.000136	0
2026 Jun	0.00653	0.0000177	8.04	18.3	0.0885	0.0033	107	0.0202	0.000885	0.0000227	0.000996	0.000442	0.491	0.00000118	0.00198	0.000713	0.00114	0
2026 Jul	0.0081	0.000022	9.98	22.7	0.11	0.0041	133	0.0251	0.0011	0.0000282	0.00124	0.000549	0.609	0.00000146	0.00246	0.000885	0.00141	0
2026 Aug	0.013	0.0000351	16	36.4	0.176	0.00656	213	0.0402	0.00176	0.0000451	0.00198	0.000878	0.974	0.00000234	0.00394	0.00142	0.00226	0
2026 Sep	0.017	0.0000462	21	47.8	0.231	0.00862	280	0.0529	0.00231	0.0000593	0.0026	0.00115	1.28	0.00000308	0.00518	0.00186	0.00298	0
2026 Oct	0.0244	0.0000661	30	68.4	0.331	0.0123	400	0.0756	0.00331	0.0000849	0.00372	0.00165	1.83	0.0000044	0.00741	0.00267	0.00426	0
2026 Nov	0.0244	0.0000662	30.1	68.6	0.331	0.0124	401	0.0758	0.00331	0.0000851	0.00373	0.00166	1.84	0.00000441	0.00742	0.00267	0.00427	0
2026 Dec	0.0244	0.0000662	30.1	68.6	0.331	0.0124	401	0.0758	0.00331	0.0000851	0.00373	0.00166	1.84	0.00000441	0.00742	0.00267	0.00427	0
2027 Jan	0.0244	0.0000662	30.1	68.6	0.331	0.0124	401	0.0758	0.00331	0.0000851	0.00373	0.00166	1.84	0.00000441	0.00742	0.00267	0.00427	0
2027 Feb	0.0244	0.0000662	30.1	68.6	0.331	0.0124	401	0.0758	0.00331	0.0000851	0.00373	0.00166	1.84	0.00000441	0.00742	0.00267	0.00427	0
2027 Mar	0.0244	0.0000662	30.1	68.6	0.331	0.0124	401	0.0758	0.00331	0.0000851	0.00373	0.00166	1.84	0.00000441	0.00742	0.00267	0.00427	0
2027 Apr	0.0244	0.0000662	30.1	68.6	0.331	0.0124	401	0.0758	0.00331	0.0000851	0.00373	0.00166	1.84	0.00000441	0.00742	0.00267	0.00427	0
2027 May	0.026	0.0000706	32.1	73.1	0.353	0.0132	467	0.0807	0.00353	0.0000907	0.00397	0.00176	1.96	0.0000047	0.00791	0.00285	0.00455	0
2027 Jun	0.0319	0.0000866	39.4	89.7	0.433	0.0162	712	0.0991	0.00433	0.000111	0.00487	0.00217	2.4	0.00000577	0.0097	0.00349	0.00558	0
2027 Jul	0.0327	0.0000886	40.3	91.8	0.443	0.0165	743	0.101	0.00443	0.000114	0.00499	0.00222	2.46	0.0000059	0.00993	0.00357	0.00571	0
2027 Aug	0.0352	0.0000955	43.4	98.9	0.477	0.0178	848	0.109	0.00477	0.000123	0.00537	0.00239	2.65	0.00000636	0.0107	0.00385	0.00615	0
2027 Sep	0.0434	0.000118	53.5	122	0.589	0.022	1190	0.135	0.00589	0.000151	0.00663	0.00294	3.27	0.00000785	0.0132	0.00475	0.00759	0
2027 Oct	0.0478	0.00013	58.9	134	0.648	0.0242	1370	0.148	0.00648	0.000166	0.00729	0.00324	3.59	0.00000863	0.0145	0.00522	0.00835	0
2027 Nov	0.0482	0.000131	59.4	135	0.653	0.0244	1380	0.149	0.00653	0.000168	0.00735	0.00327	3.62	0.0000087	0.0146	0.00527	0.00842	0
2027 Dec	0.0484	0.000131	59.6	136	0.656	0.0245	1390	0.15	0.00656	0.000168	0.00738	0.00328	3.64	0.00000874	0.0147	0.00529	0.00845	0
2028 Jan	0.0484	0.000131	59.6	136	0.656	0.0245	1390	0.15	0.00656	0.000168	0.00738	0.00328	3.64	0.00000874	0.0147	0.00529	0.00845	0
2028 Feb	0.0484	0.000131	59.6	136	0.656	0.0245	1390	0.15	0.00656	0.000168	0.00738	0.00328	3.64	0.00000874	0.0147	0.00529	0.00845	0
2028 Mar	0.0484	0.000131	59.6	136	0.656	0.0245	1390	0.15	0.00656	0.000168	0.00738	0.00328	3.64	0.00000874	0.0147	0.00529	0.00845	0
2028 Apr	0.0484	0.000131	59.6	136	0.656	0.0245	1390	0.15	0.00656	0.000168	0.00738	0.00328	3.64	0.00000874	0.0147	0.00529	0.00845	0
2028 May	0.0484	0.000131	59.7	136	0.657	0.0245	1400	0.15	0.00657	0.000169	0.00739	0.00328	3.64	0.00000875	0.0147	0.0053	0.00846	0
2028 Jun	0.0508	0.000138	62.6	143	0.688	0.0257	1480	0.158	0.00688	0.000177	0.00775	0.00344	3.82	0.00000917	0.0154	0.00555	0.00887	0
2028 Jul	0.0522	0.000141	64.3	146	0.707	0.0264	1530	0.162	0.00707	0.000182	0.00796	0.00354	3.92	0.00000942	0.0159	0.0057	0.00911	0
2028 Aug	0.053	0.000144	65.3	149	0.719	0.0268	1560	0.164	0.00719	0.000185	0.00809	0.00359	3.98	0.00000957	0.0161	0.00579	0.00926	0
2028 Sep	0.0558	0.000151	68.8	157	0.756	0.0282	1660	0.173	0.00756	0.000194	0.00852	0.00378	4.19	0.0000101	0.017	0.0061	0.00975	0
2028 Oct	0.0641	0.000174	79	180	0.869	0.0325	1960	0.199	0.00869	0.000223	0.00979	0.00435	4.82	0.0000116	0.0195	0.00701	0.0112	0
2028 Nov	0.0647	0.000175	79.7	182	0.877	0.0327	1980	0.201	0.00877	0.000225	0.00987	0.00439	4.86	0.0000117	0.0197	0.00707	0.0113	0
2028 Dec	0.0647	0.000175	79.7	182	0.877	0.0327	1980	0.201	0.00877	0.000225	0.00987	0.00439	4.86	0.0000117	0.0197	0.00707	0.0113	0
2029 Jan	0.0649	0.000175	79.6	181	0.876	0.0327	1980	0.2	0.00887	0.000227	0.00986	0.00438	4.86	0.0000117	0.0196	0.00706	0.0113	0
2029 Feb	0.0652	0.000175	79.4	181	0.874	0.0326	1980	0.2	0.00901	0.000228	0.00983	0.00437	4.85	0.0000116	0.0196	0.00705	0.0113	0
2029 Mar	0.0654	0.000175	79.3	181	0.873	0.0326	1970	0.2	0.0091	0.000229	0.00982	0.00436	4.84	0.0000116	0.0196	0.00705	0.0113	0
2029 Apr	0.0656	0.000174	79.3	181	0.873	0.0326	1970	0.2	0.00918	0.00023	0.00982	0.00436	4.84	0.0000116	0.0195	0.00705	0.0112	0
2029 May	0.0654	0.000174	78.9	180	0.87	0.0324	1970	0.199	0.00919	0.00023	0.00978	0.00434	4.82	0.0000116	0.0195	0.00702	0.0112	0
2029 Jun	0.0506	0.000114	52.2	114	0.563	0.0213	1280	0.128	0.0155	0.000173	0.00635	0.00282	3.16	0.00000804	0.0132	0.00458	0.00763	0
2029 Jul	0.0201	0.0000393	23.7	26.1	0.19	0.00926	321	0.041	0.00966	0.0000814	0.00221	0.00102	1.31	0.0000037	0.0077	0.00136	0.0026	0
2029 Aug	0.019	0.0000431	25.9	30.1	0.211	0.0102	381	0.0459	0.00711	0.0000793	0.00244	0.00113	1.44	0.0000039	0.00829	0.00149	0.00273	0
2029 Sep	0.0189	0.0000456	27.1	33.1	0.225	0.0107	426	0.0491	0.00621	0.0000787	0.0026	0.0012	1.51	0.00000403	0.0086	0.00159	0.00285	0
2029 Oct	0.02	0.000047	27.5	35	0.232	0.0108	457	0.0507	0.00707	0.0000784	0.00266	0.00123	1.54	0.0000041	0.0086	0.00166	0.00294	0
2029 Nov	0.0224	0.0000436	25.1	31.9	0.211	0.00993	414	0.0462	0.0117	0.0000723	0.00242	0.00112	1.41	0.00000391	0.00785	0.00152	0.00276	0
2029 Dec	0.0227	0.0000434	24.9	31.7	0.21	0.00984	412	0.0458	0.0121	0.0000718	0.0024	0.00111	1.4	0.00000389	0.00778	0.00151	0.00275	0
2030 Jan	0.0229	0.0000433	24.8	31.6	0.209	0.00981	410	0.0457	0.0123	0.0000728	0.00239	0.00111	1.39	0.00000388	0.00775	0.00151	0.00275	0
2030 Feb	0.0232	0.0000432	24.8	31.6	0.209	0.0098	410	0.0456	0.0124	0.0000743	0.00239	0.00111	1.39	0.00000388	0.00774	0.00151	0.00274	0
2030 Mar	0.0234	0.0000432	24.8	31.6	0.209	0.00979	409	0.0455	0.0125	0.0000753	0.00239	0.0011	1.39	0.00000388	0.00773	0.00151	0.00274	0
2030 Apr	0.0235	0.0000432	24.8	31.6	0.209	0.00979	409	0.0455	0.0125	0.0000761	0.00239	0.0011	1.39	0.00000388	0.00773	0.00151	0.00274	0
2030 May	0.0237	0.0000434	24.9	31.7	0.21	0.00983	412	0.0458	0.0126	0.000077	0.0024	0.00111	1.4	0.0000039	0.00776	0.00152	0.00276	0
2030 Jun	0.0262	0.0000334	18.6	21.6	0.154	0.00724	270	0.0327	0.0191	0.0000848	0.00179	0.00081	1.03	0.00000335	0.0059	0.0012	0.00252	0
2030 Jul	0.0227	0.0000372	21.6	24.9	0.177	0.00841	312	0.038	0.0135	0.0000843	0.00206	0.000938	1.2	0.00000356	0.0069	0.00132	0.00262	0
2030 Aug	0.0205	0.000043	25.3	30.7	0.21	0.00992	395	0.0456	0.00872	0.0000822	0.00243	0.00111	1.41	0.00000388	0.008	0.00151	0.0028	0
2030 Sep	0.0198	0.0000443	26.1	32	0.217	0.0103	412	0.0474	0.00755	0.0000812	0.00251	0.00115	1.46	0.00000395	0.00827	0.00156	0.00283	0
2030 Oct	0.0197	0.0000457	26.9	33.4	0.225	0.0106	433	0.0491	0.00711	0.0000798	0.00259	0.00119	1.5	0.00000403	0.00849	0.00161	0.00288	0
2030 Nov	0.0209	0.0000448	26.1	32.7	0.219	0.0103	424	0.0478	0.00903	0.0000771	0.00252	0.00116	1.46	0.00000398	0.00822	0.00157	0.00283	0
2030 Dec	0.0211	0.0000445	25.9	32.4	0.217	0.0102	420	0.0474	0.00948	0.0000765	0.0025	0.00115	1.45	0.00000396	0.00815	0.00156	0.00282	0
2031 Jan	0.0214	0.0000444	25.8	32.3	0.217	0.0102	419	0.0472	0.00966	0.0000775	0.00249	0.00115	1.45	0.00000396	0.00812	0.00155	0.00281	0
2031 Feb	0.0217	0.0000443	25.8	32.3	0.217	0.0102	418	0.0471	0.00977	0.0000791	0.00248	0.00115	1.44	0.00000395	0.00811	0.00156	0.00281	0
2031 Mar	0.0219	0.0000443	25.8	32.3	0.217	0.0102	417	0.0471	0.00984	0.0000802	0.00248	0.00114	1.44	0.00000395	0.0081	0.00156	0.00281	0
2031 Apr	0.0221	0.0000443	25.8	32.3	0.217	0.0102	418	0.0472	0.00991	0.0000812	0.00249	0.00115	1.44	0.00000396	0.00811	0.00156	0.00281	0
2031 May	0.0247	0.0000447	25.8	33	0.221	0.0102	427	0.0475	0.0108	0.000105	0.0025	0.00115	1.45	0.00000398	0.00807	0.00161	0.00287	0

Appendix D.2-14: TIRI03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Jun	0.0411	0.0000352	20.1	24	0.185	0.00774	293	0.0353	0.0199	0.000267	0.00191	0.000884	1.13	0.00000346	0.00629	0.00144	0.00255	0
2031 Jul	0.0358	0.0000371	21.4	25.4	0.19	0.00829	315	0.0377	0.017	0.000221	0.00204	0.00094	1.2	0.00000357	0.00675	0.00145	0.0026	0
2031 Aug	0.027	0.0000434	25.3	31.6	0.219	0.0099	406	0.046	0.0105	0.000149	0.00244	0.00112	1.42	0.0000039	0.00792	0.0016	0.00283	0
2031 Sep	0.0249	0.0000494	27.3	39.2	0.243	0.0109	526	0.0532	0.0103	0.0000988	0.00276	0.00127	1.56	0.00000419	0.00826	0.0018	0.00315	0
2031 Oct	0.0279	0.000047	24.8	37.8	0.225	0.00991	514	0.0497	0.0169	0.0000757	0.00255	0.00117	1.42	0.00000404	0.0073	0.0017	0.00305	0
2031 Nov	0.029	0.0000467	24.3	37.9	0.223	0.00974	517	0.0492	0.0184	0.0000744	0.00252	0.00115	1.4	0.00000402	0.0071	0.00169	0.00305	0
2031 Dec	0.0291	0.0000465	24.1	37.6	0.221	0.00967	513	0.0488	0.0187	0.000074	0.0025	0.00115	1.39	0.000004	0.00705	0.00168	0.00303	0
2032 Jan	0.0293	0.0000463	24.1	37.5	0.221	0.00964	511	0.0487	0.0188	0.0000749	0.00249	0.00114	1.39	0.000004	0.00702	0.00168	0.00303	0
2032 Feb	0.0296	0.0000463	24	37.5	0.221	0.00963	510	0.0486	0.0189	0.0000764	0.00249	0.00114	1.38	0.00000399	0.00701	0.00168	0.00303	0
2032 Mar	0.0298	0.0000463	24	37.5	0.221	0.00962	510	0.0486	0.019	0.0000774	0.00249	0.00114	1.38	0.00000399	0.00701	0.00168	0.00303	0
2032 Apr	0.03	0.0000463	24	37.5	0.221	0.00962	510	0.0486	0.019	0.0000782	0.00249	0.00114	1.38	0.000004	0.00701	0.00168	0.00303	0
2032 May	0.0301	0.0000467	24.3	37.9	0.223	0.00972	516	0.0491	0.0189	0.0000794	0.00251	0.00115	1.4	0.00000403	0.00708	0.0017	0.00306	0
2032 Jun	0.0285	0.000034	17.9	23.3	0.155	0.00701	301	0.0332	0.0214	0.0000886	0.0018	0.000807	1.01	0.00000336	0.00551	0.00126	0.00265	0
2032 Jul	0.0188	0.0000435	26.2	30.6	0.214	0.0103	389	0.0465	0.00661	0.0000808	0.00248	0.00114	1.45	0.00000392	0.00839	0.00152	0.00277	0
2032 Aug	0.0206	0.0000461	26.4	34.5	0.225	0.0104	454	0.0493	0.00808	0.0000775	0.00258	0.00119	1.49	0.00000403	0.00821	0.00161	0.00291	0
2032 Sep	0.0206	0.0000463	26.5	34.8	0.226	0.0105	457	0.0496	0.00812	0.000076	0.00259	0.0012	1.49	0.00000404	0.00823	0.00162	0.00291	0
2032 Oct	0.0203	0.0000466	26.9	34.9	0.228	0.0106	457	0.0501	0.00773	0.0000764	0.00262	0.00121	1.51	0.00000407	0.00838	0.00163	0.00292	0
2032 Nov	0.0218	0.0000468	26.6	35.6	0.228	0.0105	470	0.0501	0.00951	0.0000758	0.00261	0.0012	1.5	0.00000407	0.00819	0.00165	0.00295	0
2032 Dec	0.0236	0.0000456	25.4	34.8	0.22	0.0101	462	0.0484	0.0123	0.0000733	0.00252	0.00116	1.44	0.000004	0.00777	0.00161	0.00291	0
2033 Jan	0.0243	0.0000453	25.2	34.5	0.219	0.00999	457	0.0479	0.0128	0.0000756	0.00249	0.00115	1.43	0.00000398	0.00769	0.0016	0.00289	0
2033 Feb	0.025	0.0000451	25.1	34.4	0.219	0.00995	456	0.0478	0.0131	0.0000791	0.00248	0.00114	1.42	0.00000397	0.00766	0.0016	0.00289	0
2033 Mar	0.0253	0.0000451	25.1	34.4	0.219	0.00994	455	0.0477	0.0132	0.0000812	0.00248	0.00114	1.42	0.00000397	0.00765	0.0016	0.00288	0
2033 Apr	0.0257	0.0000451	25.1	34.4	0.219	0.00995	455	0.0477	0.0133	0.0000827	0.00248	0.00114	1.42	0.00000398	0.00766	0.00161	0.00289	0
2033 May	0.0405	0.0000419	22.5	32.3	0.215	0.00885	420	0.0433	0.0195	0.00023	0.00227	0.00105	1.29	0.00000379	0.00672	0.00166	0.00287	0
2033 Jun	0.0387	0.0000371	21	26.1	0.193	0.00814	303	0.0377	0.0183	0.000245	0.00203	0.000935	1.18	0.00000355	0.00653	0.00149	0.00264	0
2033 Jul	0.0275	0.0000409	24.1	28.7	0.206	0.00941	330	0.0428	0.0115	0.000155	0.00229	0.00106	1.35	0.00000377	0.00765	0.00151	0.00271	0
2033 Aug	0.024	0.0000438	25.9	31.5	0.219	0.0101	369	0.0466	0.00866	0.000128	0.00248	0.00114	1.45	0.00000393	0.00819	0.00159	0.00281	0
2033 Sep	0.0231	0.0000463	26.4	35	0.227	0.0104	428	0.0495	0.0101	0.0000895	0.00259	0.00119	1.49	0.00000404	0.00816	0.00165	0.00293	0
2033 Oct	0.0275	0.0000418	22.5	31.7	0.197	0.00898	395	0.0433	0.0188	0.0000683	0.00224	0.00103	1.28	0.00000377	0.00681	0.00147	0.00272	0
2033 Nov	0.0284	0.0000407	21.7	30.7	0.191	0.00866	383	0.0417	0.0205	0.0000662	0.00216	0.000997	1.24	0.00000371	0.00654	0.00142	0.00267	0
2033 Dec	0.0285	0.0000406	21.6	30.6	0.19	0.00864	381	0.0416	0.0206	0.000066	0.00215	0.000994	1.23	0.00000371	0.00652	0.00142	0.00266	0
2034 Jan	0.0286	0.0000405	21.6	30.5	0.19	0.00862	381	0.0415	0.0207	0.0000665	0.00215	0.000992	1.23	0.0000037	0.00651	0.00142	0.00266	0
2034 Feb	0.0287	0.0000405	21.6	30.5	0.19	0.00862	381	0.0415	0.0207	0.0000673	0.00215	0.000992	1.23	0.0000037	0.0065	0.00142	0.00266	0
2034 Mar	0.0288	0.0000405	21.6	30.5	0.19	0.00861	380	0.0415	0.0207	0.0000678	0.00214	0.000991	1.23	0.0000037	0.0065	0.00142	0.00266	0
2034 Apr	0.0289	0.0000406	21.6	30.6	0.19	0.00862	381	0.0415	0.0208	0.0000682	0.00215	0.000993	1.23	0.00000371	0.00651	0.00142	0.00267	0
2034 May	0.0326	0.0000399	21.2	30	0.19	0.00842	370	0.0406	0.0219	0.000109	0.00211	0.000974	1.21	0.00000368	0.00637	0.00144	0.00266	0
2034 Jun	0.0396	0.0000369	20.9	25.9	0.191	0.00813	277	0.0374	0.0195	0.000245	0.002	0.000929	1.18	0.00000354	0.00651	0.00147	0.00257	0
2034 Jul	0.0255	0.000045	25.5	33.9	0.222	0.01	388	0.0478	0.0107	0.000116	0.00251	0.00115	1.44	0.00000397	0.00787	0.00162	0.0029	0
2034 Aug	0.0243	0.0000452	25.8	33.9	0.222	0.0102	385	0.0481	0.00986	0.000106	0.00253	0.00116	1.45	0.00000398	0.00798	0.00161	0.00289	0
2034 Sep	0.025	0.0000455	25.2	35	0.22	0.01	411	0.0483	0.0132	0.000081	0.00251	0.00115	1.43	0.00000398	0.00768	0.00162	0.00291	0
2034 Oct	0.0289	0.0000429	22.5	33.4	0.202	0.009	407	0.0444	0.0202	0.0000676	0.00228	0.00105	1.29	0.00000382	0.00667	0.00152	0.00281	0
2034 Nov	0.0299	0.0000424	21.9	33.2	0.198	0.00879	408	0.0436	0.0217	0.0000665	0.00224	0.00103	1.26	0.00000379	0.00646	0.0015	0.0028	0
2034 Dec	0.03	0.0000423	21.8	33.1	0.197	0.00875	407	0.0434	0.0219	0.0000662	0.00223	0.00103	1.25	0.00000378	0.00643	0.0015	0.00279	0
2035 Jan	0.0302	0.0000422	21.8	33.1	0.197	0.00874	406	0.0434	0.022	0.0000669	0.00222	0.00102	1.25	0.00000378	0.00641	0.0015	0.00279	0
2035 Feb	0.0304	0.0000422	21.8	33	0.197	0.00873	406	0.0433	0.022	0.000068	0.00222	0.00102	1.25	0.00000378	0.00641	0.0015	0.00279	0
2035 Mar	0.0305	0.0000421	21.8	33	0.197	0.00872	405	0.0433	0.0221	0.0000688	0.00222	0.00102	1.25	0.00000378	0.0064	0.0015	0.00279	0
2035 Apr	0.0307	0.0000422	21.8	33	0.197	0.00873	406	0.0433	0.0221	0.0000694	0.00222	0.00102	1.25	0.00000378	0.00641	0.0015	0.00279	0
2035 May	0.0312	0.0000425	22	33.3	0.2	0.00882	406	0.0437	0.0221	0.0000765	0.00224	0.00103	1.27	0.00000381	0.00649	0.00152	0.00282	0
2035 Jun	0.0306	0.0000343	19.4	22.5	0.166	0.00755	207	0.034	0.0186	0.000145	0.00185	0.000847	1.08	0.0000034	0.00616	0.00128	0.00251	0
2035 Jul	0.0207	0.0000407	24.5	27.7	0.2	0.00959	246	0.0429	0.00897	0.0000922	0.0023	0.00106	1.36	0.00000377	0.00791	0.00143	0.00266	0
2035 Aug	0.0192	0.0000449	26.8	32.3	0.222	0.0105	303	0.0482	0.00635	0.0000849	0.00256	0.00118	1.49	0.00000399	0.00852	0.00158	0.00283	0
2035 Sep	0.0267	0.0000449	24	35.3	0.214	0.00958	375	0.0472	0.0166	0.0000709	0.00243	0.00112	1.37	0.00000393	0.00716	0.0016	0.00291	0
2035 Oct	0.0261	0.0000471	25.4	37.4	0.227	0.0101	399	0.05	0.0148	0.0000732	0.00258	0.00118	1.45	0.00000405	0.00757	0.00169	0.00303	0
2035 Nov	0.0263	0.0000461	24.9	36.3	0.221	0.00992	385	0.0488	0.0156	0.0000719	0.00251	0.00116	1.42	0.000004	0.00744	0.00165	0.00297	0
2035 Dec	0.0267	0.0000456	24.5	35.8	0.218	0.00977	379	0.048	0.0163	0.0000711	0.00248	0.00114	1.4	0.00000397	0.00732	0.00162	0.00294	0
2036 Jan	0.0269	0.0000455	24.4	35.7	0.217	0.00974	378	0.0479	0.0164	0.0000721	0.00247	0.00113	1.39	0.00000397	0.0073	0.00162	0.00294	0
2036 Feb	0.0272	0.0000454	24.4	35.7	0.217	0.00972	377	0.0478	0.0165	0.0000738	0.00246	0.00113	1.39	0.00000396	0.00728	0.00162	0.00293	0
2036 Mar	0.0274	0.0000454	24.3	35.6	0.217	0.00971	377	0.0477	0.0166	0.0000749	0.00246	0.00113	1.39	0.00000396	0.00728	0.00162	0.00293	0
2036 Apr	0.0276	0.0000455	24.4	35.7	0.218	0.00974	378	0.0479	0.0166	0.0000759	0.00247	0.00114	1.39	0.00000397	0.0073	0.00163	0.00294	0
2036 May	0.0277	0.000046	24.7	36.2	0.221	0.00987	381	0.0485	0.0165	0.0000773	0.0025	0.00115	1.41	0.00000401	0.0074	0.00165	0.00297	0
2036 Jun	0.0274	0.0000344	18.6	23.3	0.158	0.00725	203	0.0338	0.0199	0.0000889	0.00184	0.000827	1.04	0.00000339	0.00578	0.00126	0.00263	0
2036 Jul	0.0234	0.0000371	21.3	25	0.176	0.00831	199	0.0378	0.0141	0.0000852	0.00204	0.00093	1.18	0.00000355	0.00677	0.00131	0.00261	0
2036 Aug	0.0222	0.0000398	23	27.6	0.191	0.00902	224	0.0413	0.0117	0.0000838	0.00221	0.00101	1.28	0.0000037	0.00731	0.00139	0.00268	0
2036 Sep	0.0211	0.0000472	27	35.8	0.232	0.0107	314	0.0508	0.0079	0.0000828	0.00267	0.00122	1.52	0.00000409	0.00837	0.00168	0.00302	0
2036 Oct	0.0255	0.0000466	25.3	36.6	0.225	0.0101	338	0.0495	0.0142	0.000075	0.00256	0.00117	1.44	0.00000403	0.00762	0.00167	0.00301	0
2036 Nov	0.0265	0.0000462	24.8	36.4	0.221	0.00989	338	0.0488	0.0157	0.0000734	0.00252	0.00116	1.42	0.00000401	0.00741	0.00165	0.00299	0
2036 Dec	0.0274	0.000045	24	35.3	0.214	0.00957	329	0.0472	0.0173	0.0000714	0.00243	0.00112	1.37	0.00000394	0.00714	0.0016	0.00293	0
2037 Jan	0.0278	0.0000447	23.8	35.1	0.213	0.0095	326	0.0469	0.0176	0.0000733	0.00242	0.00111	1.36	0.00000392	0.00709	0.0016	0.00292	0
2037 Feb	0.0284	0.0000446	23.7	35	0.213	0.00947	325	0.0467	0.0178	0.0000761	0.00241	0.00111	1.36	0.00000392	0.00707	0.0016	0.00291	0
2037 Mar	0.0287	0.0000446	23.7	35	0.213	0.00946	325	0.0467	0.0179	0.0000778	0.00241	0.00111	1.36	0.00000392	0.00706	0.0016	0.00291	0
2037 Apr	0.0289	0.0000446	23.7	35	0.213	0.00946	325	0.0467	0.018	0.000079	0.00241	0.00111	1.36	0.00000392	0.00706	0.00161	0.00291	0
2037 May	0.0402	0.0000398	21.2	30.3	0.201	0.00833	268	0.0406	0.0222	0.000205	0.00212	0.00098	1.21	0.00000367	0.00631	0.00156	0.00275	0
2037 Jun	0.0241	0.0000181	10	12.8	0.0966	0.00386	96.6	0.018	0.0117	0.00016	0.000968	0.000449	0.569	0.00000177	0.00306	0.000765	0.00131	0
2037 Jul	0.00854	0.00000705	3.92	5.02	0.0372	0.00152	37.8	0.00709	0.00413	0.0000555	0.00038	0.000176	0.223	0.00000068	0.00121	0.000292	0.000506	0
2037 Aug	0.00453	0.00000397	2.22	2.83	0.0208	0.00086	21.3	0.00402	0.00215	0.0000291	0.000215	0.0000995	0.126	0.000000379	0.000683	0.000162	0.000281	0
2037 Sep	0.00317	0.0000029	1.63	2.08	0.0152	0.000632	15.7	0.00295	0.0015	0.0000202	0.000158	0.000073	0.0921	0.000000275	0.000501	0.000118	0.000204	0
2037 Oct	0.00284	0.00000272	1.52	1.96	0.0141	0.000592	14.8	0.00277	0.00136	0.0000176	0.000148	0.0000683	0.0861	0.000000256	0.000468	0.000109	0.000189	0

Appendix D.2-14: TIRI03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Nov	0.00287	0.00000275	1.54	1.99	0.0143	0.000599	15.1	0.00281	0.00139	0.0000176	0.000149	0.0000692	0.0871	0.00000026	0.000473	0.00011	0.000192	0
2037 Dec	0.00288	0.00000275	1.54	1.99	0.0143	0.000599	15.1	0.00281	0.00139	0.0000176	0.00015	0.0000692	0.0872	0.00000026	0.000473	0.00011	0.000192	0
2038 Jan	0.00288	0.00000275	1.54	1.99	0.0143	0.000599	15.1	0.00281	0.0014	0.0000176	0.00015	0.0000692	0.0872	0.00000026	0.000473	0.00011	0.000192	0
2038 Feb	0.00288	0.00000275	1.54	1.99	0.0143	0.000599	15.1	0.00281	0.0014	0.0000176	0.00015	0.0000692	0.0872	0.00000026	0.000473	0.00011	0.000192	0
2038 Mar	0.00288	0.00000276	1.54	1.99	0.0143	0.000599	15.1	0.00281	0.0014	0.0000177	0.00015	0.0000692	0.0872	0.00000026	0.000473	0.00011	0.000192	0
2038 Apr	0.00289	0.00000276	1.54	1.99	0.0143	0.000599	15.1	0.00281	0.0014	0.0000177	0.00015	0.0000692	0.0872	0.00000026	0.000474	0.00011	0.000192	0
2038 May	0.00323	0.00000282	1.57	2.03	0.0148	0.00061	15.2	0.00286	0.00156	0.0000204	0.000153	0.0000707	0.0892	0.00000027	0.000482	0.000115	0.0002	0
2038 Jun	0.00481	0.00000316	1.73	2.21	0.0172	0.000664	15.7	0.00309	0.00233	0.0000334	0.000167	0.0000778	0.0987	0.000000315	0.000529	0.000139	0.000236	0
2038 Jul	0.00414	0.00000275	1.51	1.93	0.015	0.00058	13.6	0.0027	0.002	0.0000286	0.000146	0.0000679	0.0861	0.000000274	0.000461	0.000121	0.000205	0
2038 Aug	0.00346	0.00000238	1.31	1.67	0.0129	0.000505	11.8	0.00235	0.00166	0.0000238	0.000127	0.000059	0.0748	0.000000236	0.000402	0.000104	0.000176	0
2038 Sep	0.003	0.00000215	1.19	1.51	0.0116	0.000458	10.6	0.00213	0.00144	0.0000205	0.000115	0.0000534	0.0676	0.000000211	0.000364	0.0000924	0.000158	0
2038 Oct	0.00284	0.00000208	1.15	1.46	0.0111	0.000442	10.3	0.00206	0.00137	0.0000191	0.000111	0.0000515	0.0653	0.000000204	0.000352	0.0000885	0.000152	0
2038 Nov	0.00285	0.00000208	1.15	1.47	0.0112	0.000444	10.3	0.00207	0.00138	0.0000192	0.000111	0.0000517	0.0655	0.000000205	0.000353	0.0000888	0.000152	0
2038 Dec	0.00285	0.00000209	1.15	1.47	0.0112	0.000444	10.3	0.00207	0.00138	0.0000192	0.000111	0.0000518	0.0656	0.000000205	0.000353	0.0000889	0.000152	0
2039 Jan	0.00285	0.00000209	1.15	1.47	0.0112	0.000444	10.3	0.00207	0.00138	0.0000192	0.000111	0.0000518	0.0656	0.000000205	0.000353	0.0000889	0.000152	0
2039 Feb	0.00285	0.00000209	1.15	1.47	0.0112	0.000444	10.3	0.00207	0.00138	0.0000192	0.000111	0.0000518	0.0656	0.000000205	0.000353	0.0000889	0.000152	0
2039 Mar	0.00285	0.00000209	1.15	1.47	0.0112	0.000444	10.3	0.00207	0.00138	0.0000192	0.000112	0.0000518	0.0656	0.000000205	0.000353	0.0000889	0.000152	0
2039 Apr	0.00285	0.00000209	1.15	1.47	0.0112	0.000445	10.3	0.00207	0.00138	0.0000192	0.000112	0.0000518	0.0656	0.000000205	0.000353	0.000089	0.000152	0
2039 May	0.00286	0.00000209	1.16	1.48	0.0112	0.000446	10.3	0.00208	0.00139	0.0000192	0.000112	0.0000519	0.0658	0.000000205	0.000354	0.0000892	0.000153	0
2039 Jun	0.00319	0.00000236	1.27	1.64	0.0122	0.000487	11.3	0.00229	0.00174	0.0000197	0.000124	0.0000571	0.0719	0.000000236	0.000385	0.0000995	0.000181	0
2039 Jul	0.00322	0.00000242	1.29	1.66	0.0122	0.000496	11.1	0.00233	0.00185	0.0000187	0.000127	0.0000579	0.073	0.000000245	0.000392	0.0000999	0.000188	0
2039 Aug	0.00304	0.00000229	1.21	1.56	0.0115	0.000466	10.4	0.00219	0.00179	0.0000171	0.000119	0.0000544	0.0686	0.000000233	0.000368	0.0000929	0.000177	0
2039 Sep	0.00278	0.00000211	1.12	1.44	0.0106	0.00043	9.62	0.00202	0.00163	0.0000156	0.00011	0.0000503	0.0633	0.000000214	0.00034	0.0000856	0.000163	0
2039 Oct	0.00266	0.00000204	1.08	1.4	0.0102	0.000416	9.31	0.00196	0.00156	0.0000149	0.000106	0.0000486	0.0612	0.000000206	0.000328	0.0000825	0.000157	0
2039 Nov	0.00267	0.00000204	1.08	1.4	0.0102	0.000416	9.33	0.00196	0.00157	0.0000149	0.000106	0.0000487	0.0612	0.000000207	0.000328	0.0000827	0.000158	0
2039 Dec	0.00267	0.00000204	1.08	1.4	0.0102	0.000416	9.33	0.00196	0.00157	0.0000149	0.000106	0.0000487	0.0613	0.000000207	0.000329	0.0000827	0.000158	0
2040 Jan	0.00267	0.00000204	1.08	1.4	0.0102	0.000417	9.34	0.00196	0.00157	0.0000149	0.000106	0.0000487	0.0613	0.000000207	0.000329	0.0000827	0.000158	0
2040 Feb	0.00267	0.00000204	1.08	1.4	0.0102	0.000417	9.34	0.00196	0.00157	0.0000149	0.000106	0.0000487	0.0613	0.000000207	0.000329	0.0000827	0.000158	0
2040 Mar	0.00267	0.00000204	1.08	1.4	0.0102	0.000417	9.34	0.00196	0.00157	0.0000149	0.000106	0.0000487	0.0613	0.000000207	0.000329	0.0000827	0.000158	0
2040 Apr	0.00267	0.00000204	1.08	1.4	0.0102	0.000417	9.34	0.00196	0.00157	0.0000149	0.000106	0.0000487	0.0613	0.000000207	0.000329	0.0000827	0.000158	0
2040 May	0.00271	0.00000205	1.08	1.41	0.0103	0.000418	9.37	0.00197	0.00159	0.0000153	0.000107	0.0000489	0.0615	0.000000208	0.00033	0.0000834	0.000159	0
2040 Jun	0.00323	0.00000211	1.1	1.43	0.0108	0.000421	9.3	0.00198	0.00187	0.0000192	0.000108	0.0000497	0.0626	0.000000219	0.000333	0.0000894	0.000169	0
2040 Jul	0.00306	0.00000203	1.06	1.37	0.0103	0.000405	8.91	0.00191	0.00178	0.0000182	0.000104	0.0000477	0.0602	0.00000021	0.00032	0.0000857	0.000162	0
2040 Aug	0.00285	0.00000191	0.996	1.3	0.00972	0.000382	8.4	0.0018	0.00165	0.0000169	0.0000983	0.000045	0.0567	0.000000197	0.000301	0.0000804	0.000152	0
2040 Sep	0.00267	0.00000181	0.943	1.23	0.0092	0.000362	7.97	0.00171	0.00155	0.0000157	0.0000932	0.0000427	0.0537	0.000000186	0.000285	0.000076	0.000144	0
2040 Oct	0.00258	0.00000176	0.916	1.2	0.00893	0.000351	7.74	0.00166	0.0015	0.0000152	0.0000905	0.0000414	0.0521	0.000000181	0.000276	0.0000737	0.000139	0
2040 Nov	0.00258	0.00000176	0.917	1.2	0.00894	0.000352	7.76	0.00167	0.0015	0.0000152	0.0000906	0.0000415	0.0522	0.000000181	0.000277	0.0000738	0.00014	0
2040 Dec	0.00258	0.00000176	0.917	1.2	0.00894	0.000352	7.76	0.00167	0.0015	0.0000152	0.0000907	0.0000415	0.0522	0.000000181	0.000277	0.0000739	0.00014	0
2041 Jan	0.00258	0.00000176	0.917	1.2	0.00894	0.000352	7.76	0.00167	0.0015	0.0000152	0.0000907	0.0000415	0.0522	0.000000181	0.000277	0.0000739	0.00014	0
2041 Feb	0.00258	0.00000176	0.917	1.2	0.00894	0.000352	7.76	0.00167	0.0015	0.0000152	0.0000907	0.0000415	0.0522	0.000000181	0.000277	0.0000739	0.00014	0
2041 Mar	0.00258	0.00000176	0.917	1.2	0.00895	0.000352	7.76	0.00167	0.0015	0.0000152	0.0000907	0.0000415	0.0522	0.000000181	0.000277	0.0000739	0.00014	0
2041 Apr	0.00259	0.00000176	0.918	1.2	0.00895	0.000352	7.77	0.00167	0.0015	0.0000152	0.0000907	0.0000415	0.0523	0.000000181	0.000277	0.0000739	0.00014	0
2041 May	0.00259	0.00000177	0.923	1.22	0.00901	0.000355	7.84	0.00168	0.0015	0.0000152	0.0000914	0.0000418	0.0526	0.000000182	0.000278	0.0000744	0.00014	0
2041 Jun	0.00272	0.00000182	0.932	1.23	0.00909	0.000357	7.84	0.0017	0.00166	0.0000154	0.0000928	0.0000423	0.0531	0.00000019	0.00028	0.0000764	0.000149	0
2041 Jul	0.00269	0.00000179	0.914	1.2	0.00889	0.00035	7.58	0.00166	0.00168	0.0000149	0.0000913	0.0000414	0.052	0.000000189	0.000275	0.0000752	0.000149	0
2041 Aug	0.00255	0.00000171	0.87	1.15	0.00846	0.000333	7.22	0.00158	0.00158	0.0000141	0.0000869	0.0000395	0.0495	0.000000179	0.000262	0.0000715	0.000141	0
2041 Sep	0.00241	0.00000163	0.833	1.1	0.0081	0.000319	6.92	0.00152	0.0015	0.0000133	0.0000833	0.0000378	0.0474	0.000000171	0.00025	0.0000683	0.000135	0
2041 Oct	0.00236	0.0000016	0.816	1.08	0.00794	0.000313	6.79	0.00149	0.00147	0.000013	0.0000817	0.0000371	0.0465	0.000000167	0.000245	0.000067	0.000132	0
2041 Nov	0.00236	0.00000161	0.817	1.09	0.00795	0.000314	6.81	0.00149	0.00147	0.000013	0.0000819	0.0000372	0.0466	0.000000167	0.000245	0.0000671	0.000132	0
2041 Dec	0.00236	0.00000161	0.818	1.09	0.00795	0.000314	6.81	0.0015	0.00147	0.000013	0.0000819	0.0000372	0.0466	0.000000167	0.000245	0.0000671	0.000132	0
2042 Jan	0.00236	0.00000161	0.818	1.09	0.00795	0.000314	6.81	0.0015	0.00147	0.000013	0.0000819	0.0000372	0.0466	0.000000167	0.000245	0.0000671	0.000132	0
2042 Feb	0.00236	0.00000161	0.818	1.09	0.00795	0.000314	6.81	0.0015	0.00147	0.000013	0.0000819	0.0000372	0.0466	0.000000167	0.000245	0.0000671	0.000132	0
2042 Mar	0.00236	0.00000161	0.818	1.09	0.00796	0.000314	6.81	0.0015	0.00147	0.000013	0.0000819	0.0000372	0.0466	0.000000167	0.000245	0.0000671	0.000132	0
2042 Apr	0.00236	0.00000161	0.818	1.09	0.00796	0.000314	6.82	0.0015	0.00147	0.000013	0.0000819	0.0000372	0.0466	0.000000168	0.000246	0.0000672	0.000132	0
2042 May	0.00237	0.00000161	0.82	1.09	0.00798	0.000315	6.83	0.0015	0.00147	0.000013	0.0000821	0.0000373	0.0467	0.000000168	0.000246	0.0000673	0.000133	0
2042 Jun	0.00243	0.00000162	0.814	1.08	0.00793	0.000312	6.75	0.00149	0.00156	0.0000131	0.0000819	0.000037	0.0464	0.000000171	0.000244	0.0000678	0.000136	0
2042 Jul	0.0024	0.00000158	0.791	1.05	0.00771	0.000303	6.55	0.00145	0.00156	0.0000127	0.0000798	0.000036	0.0451	0.000000168	0.000237	0.0000663	0.000134	0
2042 Aug	0.00232	0.00000153	0.761	1.02	0.00743	0.000292	6.33	0.0014	0.00152	0.0000122	0.0000769	0.0000347	0.0434	0.000000163	0.000227	0.0000638	0.00013	0
2042 Sep	0.00223	0.00000148	0.732	0.989	0.00715	0.00028	6.1	0.00135	0.00147	0.0000116	0.000074	0.0000334	0.0417	0.000000157	0.000218	0.0000613	0.000125	0
2042 Oct	0.00219	0.00000145	0.718	0.974	0.00702	0.000275	6	0.00132	0.00145	0.0000113	0.0000727	0.0000328	0.041	0.000000154	0.000213	0.0000602	0.000123	0
2042 Nov	0.0022	0.00000145	0.719	0.976	0.00703	0.000276	6.01	0.00133	0.00145	0.0000113	0.0000728	0.0000329	0.041	0.000000154	0.000214	0.0000603	0.000123	0
2042 Dec	0.0022	0.00000146	0.719	0.976	0.00703	0.000276	6.02	0.00133	0.00145	0.0000113	0.0000728	0.0000329	0.0411	0.000000154	0.000214	0.0000603	0.000123	0
2043 Jan	0.0022	0.00000146	0.719	0.977	0.00703	0.000276	6.02	0.00133	0.00145	0.0000113	0.0000728	0.0000329	0.0411	0.000000154	0.000214	0.0000603	0.000123	0
2043 Feb	0.0022	0.00000146	0.719	0.977	0.00703	0.000276	6.02	0.00133	0.00145	0.0000114	0.0000728	0.0000329	0.0411	0.000000154	0.000214	0.0000603	0.000123	0
2043 Mar	0.0022	0.00000146	0.719	0.977	0.00703	0.000276	6.02	0.00133	0.00145	0.0000114	0.0000728	0.0000329	0.0411	0.000000154	0.000214	0.0000603	0.000123	0
2043 Apr	0.0022	0.00000146	0.72	0.977	0.00704	0.000276	6.02	0.00133	0.00145	0.0000114	0.0000729	0.0000329	0.0411	0.000000154	0.000214	0.0000604	0.000123	0
2043 May	0.00222	0.00000146	0.721	0.979	0.00706	0.000276	6.03	0.00133	0.00146	0.0000115	0.000073	0.000033	0.0412	0.000000155	0.000214	0.0000606	0.000124	0
2043 Jun	0.00244	0.00000147	0.715	0.975	0.00718	0.000273	5.96	0.00132	0.00159	0.0000132	0.0000726	0.0000328	0.0409	0.000000158	0.000211	0.0000626	0.000127	0
2043 Jul	0.00238	0.00000143	0.697	0.954	0.007	0.000266	5.82	0.00128	0.00155	0.0000128	0.0000709	0.000032	0.0399	0.000000154	0.000206	0.0000611	0.000124	0
2043 Aug	0.00229	0.00000138	0.673	0.924	0.00677	0.000257	5.62	0.00124	0.0015	0.0000123	0.0000685	0.0000309	0.0386	0.000000149	0.000198	0.000059	0.00012	0
2043 Sep	0.00226	0.00000137	0.667	0.921	0.00671	0.000255	5.59	0.00123	0.00147	0.0000122	0.000068	0.0000307	0.0382	0.000000147	0.000196	0.0000585	0.000119	0
2043 Oct	0.00228	0.00000139	0.672	0.931	0.00676	0.000257	5.63	0.00125	0.00149	0.0000122	0.0000685	0.000031	0.0385	0.000000149	0.000197	0.0000589	0.00012	0
2043 Nov	0.00229	0.00000139	0.673	0.935	0.00678	0.000258	5.65	0.00125	0.00151	0.0000122	0.0000687	0.000031	0.0386	0.000000149	0.000198	0.0000591	0.00012	0
2043 Dec	0.0023	0.00000139	0.674	0.935	0.00678	0.000258	5.65	0.00125	0.00151	0.0000122	0.0000687	0.000031	0.0386	0.000000149	0.000198	0.0000591	0.00012	0

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	1200	0.443	1.72	0.0489	621	0.106	318	1E-24	7.77E-26	0.000000499	0.00465	0.00695	0.184	0.0275	0.00000554	32.2	0.0000423	0.00272	0.000164	0.000947
Operation (2026-2036): Mean	2450	0.99	3.85	0.109	1290	0.244	619	4.16E-24	3.23E-25	0.00000316	0.012	0.0115	0.423	0.0559	0.0000121	62.6	0.000106	0.00556	0.000566	0.00375
Operation (2026-2036): Max	2850	1.19	4.62	0.131	1550	0.273	689	1.21E-23	9.36E-25	0.00000361	0.0134	0.0127	0.474	0.0623	0.0000135	69.7	0.000119	0.0062	0.000641	0.00426
Active Closure (2037-2043): Min	111	0.0879	0.292	0.00629	37.8	0.0379	26.2	2.13E-24	1.65E-25	0.00000332	0.0046	0.00125	0.0246	0.0134	0.00000588	13.9	0.0000137	0.000444	0.000159	0.00101
Active Closure (2037-2043): Mean	302	0.217	0.737	0.0157	124	0.0579	76.3	0.00114	0.000993	0.00000551	0.00532	0.00245	0.0605	0.0187	0.00000675	20.6	0.0000221	0.000965	0.000227	0.00131
Active Closure (2037-2043): Max	2080	0.932	3.03	0.0839	986	0.253	638	0.00138	0.00108	0.00000704	0.0124	0.0118	0.438	0.0576	0.0000125	64.5	0.00011	0.00574	0.000593	0.00394
Post Closure (2044-2119): Min	109	0.0853	0.221	0.00533	33.8	0.0376	25.6	0.00111	0.00102	0.00000542	0.00459	0.00122	0.0241	0.0132	0.00000585	13.7	0.0000135	0.000438	0.000156	0.001
Post Closure (2044-2119): Mean	118	0.0866	0.257	0.00578	35.4	0.0416	31.9	0.00117	0.00105	0.00000549	0.00555	0.0015	0.0328	0.0174	0.00000589	17.4	0.0000176	0.000658	0.00022	0.00114
Post Closure (2044-2119): Max	126	0.0884	0.292	0.00629	37.9	0.0451	37.2	0.00124	0.00107	0.00000555	0.00629	0.00174	0.0397	0.0216	0.00000595	21.1	0.0000206	0.000836	0.000285	0.00126
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jan	1200	0.443	1.72	0.0489	621	0.106	318	3.16E-24	2.45E-25	0.000000499	0.00465	0.00695	0.184	0.0275	0.00000554	32.2	0.0000423	0.00272	0.000164	0.000947

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	1200	0.443	1.72	0.0489	621	0.106	318	3.16E-24	2.45E-25	0.000000499	0.00465	0.00695	0.184	0.0275	0.00000554	32.2	0.0000423	0.00272	0.000164	0.000947
2031 Mar	1200	0.443	1.72	0.0489	621	0.106	318	3.16E-24	2.45E-25	0.000000499	0.00466	0.00695	0.184	0.0275	0.00000554	32.2	0.0000423	0.00273	0.000164	0.000947
2031 Apr	1210	0.445	1.73	0.0491	624	0.107	320	3.18E-24	2.46E-25	0.000000501	0.00468	0.00699	0.185	0.0277	0.00000556	32.4	0.0000425	0.00274	0.000165	0.000951
2031 May	1430	0.544	2.12	0.0601	747	0.128	367	2.79E-24	2.16E-25	0.000000891	0.00579	0.00772	0.221	0.0321	0.00000658	37.1	0.0000521	0.00318	0.000225	0.00137
2031 Jun	2490	1.03	3.99	0.113	1350	0.23	590	6.82E-24	5.29E-25	0.00000285	0.0112	0.0111	0.399	0.0531	0.0000115	59.7	0.0000991	0.00528	0.000522	0.00344
2031 Jul	2850	1.19	4.61	0.131	1550	0.265	671	1.21E-23	9.36E-25	0.00000342	0.013	0.0125	0.458	0.0606	0.0000131	67.9	0.000115	0.00603	0.000613	0.00406
2031 Aug	2810	1.17	4.56	0.129	1530	0.261	657	8.06E-24	6.26E-25	0.00000344	0.0128	0.0121	0.452	0.0594	0.0000129	66.5	0.000113	0.00591	0.000611	0.00406
2031 Sep	2760	1.15	4.48	0.127	1500	0.257	646	9.29E-24	7.2E-25	0.00000339	0.0126	0.0119	0.444	0.0584	0.0000127	65.4	0.000111	0.00582	0.000601	0.00399
2031 Oct	2710	1.13	4.4	0.125	1470	0.252	635	3.12E-24	2.42E-25	0.00000333	0.0124	0.0117	0.436	0.0574	0.0000125	64.2	0.000109	0.00571	0.00059	0.00392
2031 Nov	2710	1.13	4.4	0.125	1470	0.252	635	2.57E-24	1.99E-25	0.00000333	0.0124	0.0117	0.437	0.0574	0.0000125	64.3	0.000109	0.00571	0.000591	0.00392
2031 Dec	2710	1.13	4.4	0.125	1470	0.252	635	2.57E-24	1.99E-25	0.00000333	0.0124	0.0117	0.437	0.0574	0.0000125	64.3	0.000109	0.00572	0.000591	0.00392
2032 Jan	2710	1.13	4.4	0.125	1470	0.252	635	2.57E-24	1.99E-25	0.00000333	0.0124	0.0117	0.437	0.0574	0.0000125	64.3	0.000109	0.00572	0.000591	0.00392
2032 Feb	2710	1.13	4.4	0.125	1470	0.252	635	2.57E-24	1.99E-25	0.00000333	0.0124	0.0117	0.437	0.0574	0.0000125	64.3	0.000109	0.00572	0.000591	0.00392
2032 Mar	2710	1.13	4.41	0.125	1480	0.252	635	2.57E-24	1.99E-25	0.00000333	0.0124	0.0117	0.437	0.0574	0.0000125	64.3	0.000109	0.00572	0.000591	0.00392
2032 Apr	2720	1.14	4.41	0.125	1480	0.253	637	2.58E-24	2E-25	0.00000334	0.0124	0.0118	0.438	0.0576	0.0000125	64.4	0.00011	0.00573	0.000592	0.00393
2032 May	2750	1.15	4.46	0.127	1490	0.255	643	2.52E-24	1.96E-25	0.00000337	0.0126	0.0119	0.442	0.0581	0.0000126	65.1	0.000111	0.00579	0.000598	0.00397
2032 Jun	2710	1.13	4.39	0.125	1470	0.251	634	4.35E-24	3.37E-25	0.00000332	0.0124	0.0117	0.436	0.0573	0.0000125	64.1	0.000109	0.0057	0.000589	0.00391
2032 Jul	2780	1.16	4.52	0.128	1510	0.259	652	7.15E-24	5.55E-25	0.00000342	0.0127	0.012	0.448	0.0589	0.0000128	66	0.000112	0.00587	0.000606	0.00403
2032 Aug	2810	1.17	4.56	0.13	1530	0.261	658	9.54E-24	7.4E-25	0.00000345	0.0128	0.0122	0.453	0.0595	0.0000129	66.6	0.000113	0.00592	0.000612	0.00407
2032 Sep	2830	1.18	4.6	0.131	1540	0.263	663	8.96E-24	6.95E-25	0.00000347	0.0129	0.0122	0.456	0.0599	0.000013	67.1	0.000114	0.00596	0.000616	0.00409
2032 Oct	2780	1.16	4.52	0.128	1510	0.259	652	5.34E-24	4.14E-25	0.00000341	0.0127	0.012	0.448	0.0589	0.0000128	65.9	0.000112	0.00586	0.000606	0.00402
2032 Nov	2770	1.16	4.49	0.128	1500	0.257	648	3.97E-24	3.08E-25	0.0000034	0.0126	0.012	0.445	0.0586	0.0000127	65.6	0.000112	0.00583	0.000602	0.004
2032 Dec	2740	1.14	4.45	0.126	1490	0.255	642	2.98E-24	2.31E-25	0.00000336	0.0125	0.0119	0.441	0.058	0.0000126	65	0.000111	0.00578	0.000597	0.00397
2033 Jan	2740	1.14	4.45	0.126	1490	0.255	642	2.98E-24	2.31E-25	0.00000336	0.0125	0.0119	0.441	0.058	0.0000126	65	0.000111	0.00578	0.000597	0.00397
2033 Feb	2740	1.15	4.45	0.126	1490	0.255	642	2.98E-24	2.31E-25	0.00000337	0.0125	0.0119	0.441	0.058	0.0000126	65	0.000111	0.00578	0.000597	0.00397
2033 Mar	2750	1.15	4.46	0.127	1490	0.255	643	2.99E-24	2.32E-25	0.00000337	0.0125	0.0119	0.442	0.0581	0.0000126	65	0.000111	0.00578	0.000598	0.00397
2033 Apr	2760	1.15	4.48	0.127	1500	0.256	646	3E-24	2.33E-25	0.00000339	0.0126	0.0119	0.444	0.0584	0.0000127	65.4	0.000111	0.00581	0.000601	0.00399
2033 May	2770	1.15	4.49	0.127	1500	0.257	647	2.16E-24	1.67E-25	0.00000339	0.0126	0.012	0.445	0.0585	0.0000127	65.5	0.000112	0.00583	0.000602	0.004
2033 Jun	2700	1.13	4.38	0.124	1470	0.251	631	1.64E-24	1.27E-25	0.00000331	0.0123	0.0117	0.434	0.0571	0.0000124	63.9	0.000109	0.00568	0.000587	0.0039
2033 Jul	2820	1.18	4.57	0.13	1530	0.262	659	9.42E-24	7.3E-25	0.00000346	0.0129	0.0122	0.453	0.0596	0.000013	66.7	0.000114	0.00593	0.000613	0.00407
2033 Aug	2850	1.19	4.62	0.131	1550	0.264	666	7.87E-24	6.1E-25	0.00000349	0.013	0.0123	0.458	0.0602	0.0000131	67.4	0.000115	0.006	0.00062	0.00412
2033 Sep	2710	1.13	4.41	0.125	1480	0.252	635	7.64E-24	5.93E-25	0.00000333	0.0124	0.0117	0.437	0.0574	0.0000125	64.3	0.000109	0.00572	0.000591	0.00393
2033 Oct	2670	1.11	4.33	0.123	1450	0.248	625	1.24E-24	9.63E-26	0.00000328	0.0122	0.0115	0.43	0.0565	0.0000123	63.3	0.000108	0.00563	0.000581	0.00386
2033 Nov	2670	1.12	4.34	0.123	1450	0.248	626	1.07E-24	8.33E-26	0.00000328	0.0122	0.0116	0.43	0.0566	0.0000123	63.3	0.000108	0.00563	0.000582	0.00387
2033 Dec	2670	1.12	4.34	0.123	1450	0.248	626	1.07E-24	8.33E-26	0.00000328	0.0122	0.0116	0.43	0.0566	0.0000123	63.3	0.000108	0.00563	0.000582	0.00387
2034 Jan	2670	1.12	4.34	0.123	1450	0.248	626	1.07E-24	8.33E-26	0.00000328	0.0122	0.0116	0.43	0.0566	0.0000123	63.3	0.000108	0.00563	0.000582	0.00387
2034 Feb	2670	1.12	4.34	0.123	1450	0.248	626	1.07E-24	8.33E-26	0.00000328	0.0122	0.0116	0.43	0.0566	0.0000123	63.3	0.000108	0.00563	0.000582	0.00387
2034 Mar	2670	1.12	4.34	0.123	1450	0.248	626	1.07E-24	8.33E-26	0.00000328	0.0122	0.0116	0.43	0.0566	0.0000123	63.3	0.000108	0.00563	0.000582	0.00387
2034 Apr	2680	1.12	4.35	0.123	1460	0.249	627	1.08E-24	8.35E-26	0.00000329	0.0122	0.0116	0.431	0.0567	0.0000123	63.5	0.000108	0.00564	0.000583	0.00387
2034 May	2680	1.12	4.34	0.123	1450	0.251	631	1E-24	7.77E-26	0.00000331	0.0123	0.0117	0.434	0.0571	0.0000124	63.9	0.000109	0.00568	0.000587	0.0039
2034 Jun	2540	1.03	4.02	0.114	1340	0.251	632	2.12E-24	1.65E-25	0.00000331	0.0123	0.0117	0.434	0.0571	0.0000124	63.9	0.000109	0.00568	0.000587	0.0039
2034 Jul	2570	1.03	4.01	0.114	1340	0.262	660	8.41E-24	6.52E-25	0.00000346	0.0129	0.0122	0.454	0.0597	0.000013	66.8	0.000114	0.00594	0.000614	0.00408
2034 Aug	2680	1.07	4.18	0.119	1400	0.273	689	1.06E-23	8.2E-25	0.00000361	0.0134	0.0127	0.474	0.0623	0.0000135	69.7	0.000119	0.0062	0.000641	0.00426
2034 Sep	2520	1.01	3.93	0.112	1320	0.258	649	8.54E-24	6.63E-25	0.0000034	0.0127	0.012	0.446	0.0587	0.0000128	65.7	0.000112	0.00584	0.000603	0.00401
2034 Oct	2440	0.979	3.81	0.108	1270	0.249	628	2.31E-24	1.79E-25	0.00000329	0.0123	0.0116	0.432	0.0568	0.0000124	63.6	0.000108	0.00565	0.000584	0.00388
2034 Nov	2450	0.981	3.82	0.108	1280	0.25	630	2.08E-24	1.62E-25	0.0000033	0.0123	0.0116	0.433	0.0569	0.0000124	63.7	0.000108	0.00566	0.000585	0.00389
2034 Dec	2450	0.982	3.82	0.108	1280	0.25	630	2.08E-24	1.62E-25	0.0000033	0.0123	0.0116	0.433	0.0569	0.0000124	63.7	0.000108	0.00567	0.000586	0.00389
2035 Jan	2450	0.982	3.82	0.108	1280	0.25	630	2.08E-24	1.62E-25	0.0000033	0.0123	0.0116	0.433	0.0569	0.0000124	63.7	0.000108	0.00567	0.000586	0.00389
2035 Feb	2450	0.982	3.82	0.108	1280	0.25	630	2.08E-24	1.62E-25	0.0000033	0.0123	0.0116	0.433	0.0569	0.0000124	63.7	0.000108	0.00567	0.000586	0.00389
2035 Mar	2450	0.982	3.82	0.108	1280	0.25	630	2.08E-24	1.62E-25	0.0000033	0.0123	0.0116	0.433	0.0569	0.0000124	63.7	0.000109	0.00567	0.000586	0.00389
2035 Apr	2460	0.985	3.83	0.109	1280	0.251	632	2.09E-24	1.62E-25	0.00000331	0.0123	0.0117	0.434	0.0571	0.0000124	63.9	0.000109	0.00568	0.000587	0.0039
2035 May	2480	0.99	3.85	0.109	1290	0.254	640	2E-24	1.55E-25	0.00000335	0.0125	0.0118	0.44	0.0578	0.0000126	64.7	0.00011	0.00575	0.000595	0.00395
2035 Jun	2280	0.881	3.42	0.0972	1150	0.25	630	1.63E-24	1.26E-25	0.0000033	0.0123	0.0116	0.433	0.057	0.0000124	63.8	0.000109	0.00567	0.000586	0.00389
2035 Jul	2410	0.925	3.6	0.102	1200	0.269	677	9.6E-24	7.45E-25	0.00000355	0.0132	0.0125	0.465	0.0612	0.0000133	68.5	0.000117	0.00609	0.00063	0.00418
2035 Aug	2320	0.887	3.45	0.0979	1150	0.258	651	7.86E-24	6.1E-25	0.00000341	0.0127	0.012	0.447	0.0588	0.0000128	65.9	0.000112	0.00586	0.000605	0.00402
2035 Sep	2270	0.87	3.38	0.096	1130	0.253	638	7.46E-24	5.79E-25	0.00000335	0.0125	0.0118	0.439	0.0577	0.0000126	64.6	0.00011	0.00574	0.000594	0.00394
2035 Oct	2280	0.872	3.39	0.0963	1140	0.254	640	4.03E-24	3.13E-25	0.00000335	0.0125	0.0118	0.44	0.0578	0.0000126	64.8	0.00011	0.00576	0.000595	0.00395
2035 Nov	2240	0.859	3.34	0.0949	1120	0.25	631	1.56E-24	1.21E-25	0.00000331	0.0123	0.0116	0.434	0.057	0.0000124	63.8	0.000109	0.00567	0.000586	0.0039
2035 Dec	2240	0.859	3.34	0.0949	1120	0.25	631	1.56E-24	1.21E-25	0.00000331	0.0123	0.0116	0.434	0.057	0.0000124	63.8	0.000109	0.00568	0.000587	0.0039
2036 Jan	2240	0.859	3.34	0.0949	1120	0.25	631	1.56E-24	1.21E-25	0.00000331	0.0123	0.0116	0.434	0.057	0.0000124	63.8	0.000109	0.00568	0.000587	0.0039
2036 Feb	2240	0.859	3.34	0.0949	1120	0.25	631	1.56E-24	1.21E-25	0.00000331	0.0123	0.0116	0.434	0.057	0.0000124	63.8	0.000109	0.00568	0.000587	0.0039
2036 Mar	2240	0.859	3.34	0.0949	1120	0.25	631	1.56E-24	1.21E-25	0.00000331	0.0123	0.0116	0.434	0.057	0.0000124	63.8	0.000109	0.00568	0.000587	0.0039
2036 Apr	2250	0.86	3.34	0.095	1120	0.251	632	1.55E-24	1.2E-25	0.00000331	0.0123	0.0117	0.435	0.0572	0.0000124	64	0.000109	0.00569	0.000588	0.00391
2036 May	2260	0.865	3.36	0.0955	1130	0.254	639	1.5E-24	1.16E-25	0.00000335	0.0125	0.0118	0.439	0.0578	0.0000126	64.7	0.00011	0.00575	0.000594	0.00395
2036 Jun	2120	0.782	3.04	0.0863	1020	0.252	634	3.31E-24	2.56E-25	0.00000332	0.0124	0.0117	0.436	0.0573	0.0000125	64.2	0.000109	0.00571	0.00059	0.00392
2036 Jul	2230	0.813	3.16	0.0897	1060	0.271	682	1.16E-23	9.03E-25	0.00000357	0.0133	0.0126	0.469	0.0616	0.0000134	69	0.000117	0.00613	0.000634	0.00421
2036 Aug	2230	0.814	3.17	0.0899	1060	0.271	684	8.64E-24	6.7E-25	0.00000358	0.0133	0.0126	0.47	0.0618	0.0000134	69.2	0.000118	0.00615	0.000636	0.00422
2036 Sep	2130	0.776	3.02	0.0857	1010	0.259	651	8.79E-24	6.82E-25	0.00000341	0.0127	0.012	0.448	0.0589	0.0000128	65.9	0.000112	0.00586	0.000606	0.00402
2036 Oct	2090	0.764	2.97	0.0843	994	0.255	641	7.92E-24	6.14E-25	0.00000336	0.0125	0.0118	0.441	0.058	0.0000126	64.9	0.00011	0.00577	0.000596	0.00396
2036 Nov	2070	0.756	2.94	0.0835	985	0.252	635	3.86E-24	2.99E-25	0.00000333	0.0124	0.0117	0.437	0.0574	0.0000125	64.3	0.000109	0.00571	0.00059	0.00392
2036 Dec	2070	0.754	2.93	0.0833	982	0.251	633	3.13E-24	2.43E-25	0.00000332	0.0124	0.0117	0.435	0.0572	0.0000125	64.1	0.000109	0.0057	0.000589	0.00391
2037 Jan	2070	0.754	2.93	0.0833	982	0.251	633	3.13E-24	2.43E-25	0.00000332	0.0124	0.0117	0.435	0.0572	0.0000125	64.1	0.000109	0.0057	0.000589	0.00391
2037 Feb	2070	0.754	2.93	0.0833	982	0.251	633	3.13E-24	2.43E-25	0.00000332	0.0124	0.0117	0.435	0.0572	0.0000125	64.1	0.000109	0.0057	0.000589	0.00391
2037 Mar	2070	0.755	2.93	0.0834	983	0.252	634	3.13E-24	2.43E-25	0.00000332	0.0124	0.0117	0.436	0.0573	0.0000125	64.1	0.000109	0.0057	0.000589	0.00392
2037 Apr	2080	0.757	2.94	0.0836	986	0.252	636	3.14E-24	2.44E-25	0.00000333	0.0124	0.0117	0.437	0.0575	0.0000125	64.3	0.00011	0.00572	0.000591	0.00393
2037 May	2030	0.759	2.95	0.0839	948	0.253	638	2.13E-24	1.65E-25	0.00000334	0.0124	0.0118	0.438	0.0576	0.0000125	64.5	0.00011	0.00574	0.000593	0.00394
2037 Jun	900	0.932	3.03	0.0544	354	0.12	196	0.00138	0.00102	0.00000704	0.00865	0.00742	0.161	0.0382	0.0000112	51.3	0.0000485	0.00276	0.000513	0.00238

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	555	0.637	2.05	0.0352	211	0.0821	109	0.00134	0.00108	0.0000066	0.0066	0.00483	0.0943	0.0273	0.0000091	36.1	0.0000314	0.00175	0.000365	0.00179
2037 Aug	413	0.463	1.49	0.026	157	0.0673	81.4	0.00124	0.00105	0.00000616	0.00557	0.00359	0.0706	0.0219	0.000008	28.1	0.0000244	0.00129	0.000287	0.00151
2037 Sep	335	0.366	1.18	0.0208	127	0.059	66.3	0.00119	0.00104	0.00000591	0.00502	0.00289	0.0575	0.0189	0.00000738	23.6	0.0000205	0.00103	0.000248	0.00134
2037 Oct	309	0.332	1.07	0.019	118	0.0563	61.7	0.00118	0.00103	0.00000581	0.00484	0.0027	0.0534	0.018	0.00000715	22.1	0.0000192	0.000946	0.000234	0.00129
2037 Nov	309	0.333	1.07	0.019	118	0.0564	62	0.00118	0.00103	0.00000581	0.00485	0.00271	0.0536	0.018	0.00000715	22.2	0.0000193	0.000949	0.000234	0.0013
2037 Dec	309	0.333	1.07	0.019	118	0.0564	62	0.00118	0.00103	0.00000581	0.00485	0.00271	0.0536	0.018	0.00000715	22.2	0.0000193	0.000949	0.000234	0.0013
2038 Jan	309	0.333	1.07	0.019	118	0.0564	62	0.00118	0.00103	0.00000581	0.00485	0.00271	0.0536	0.018	0.00000715	22.2	0.0000193	0.000949	0.000234	0.0013
2038 Feb	309	0.333	1.07	0.019	118	0.0564	62	0.00118	0.00103	0.00000581	0.00485	0.00271	0.0536	0.018	0.00000715	22.2	0.0000193	0.000949	0.000234	0.0013
2038 Mar	309	0.333	1.07	0.019	118	0.0564	62	0.00118	0.00103	0.00000581	0.00485	0.00271	0.0536	0.018	0.00000715	22.2	0.0000193	0.000949	0.000234	0.0013
2038 Apr	309	0.333	1.07	0.019	118	0.0564	62	0.00118	0.00103	0.00000581	0.00485	0.00271	0.0536	0.018	0.00000715	22.2	0.0000193	0.000949	0.000234	0.0013
2038 May	312	0.335	1.08	0.0193	119	0.0569	62.6	0.00118	0.00103	0.00000582	0.00488	0.00273	0.0543	0.0182	0.00000716	22.3	0.0000195	0.000961	0.000237	0.0013
2038 Jun	291	0.31	0.997	0.0183	110	0.0555	58.9	0.0012	0.00106	0.0000059	0.00534	0.00273	0.052	0.0213	0.00000706	24	0.0000207	0.000953	0.000284	0.00135
2038 Jul	255	0.268	0.856	0.0158	96	0.0516	51.3	0.00119	0.00106	0.00000583	0.00513	0.00245	0.0454	0.0203	0.00000683	22.3	0.0000191	0.000845	0.000268	0.00129
2038 Aug	231	0.239	0.763	0.0142	87	0.0491	46.8	0.00117	0.00106	0.00000575	0.00488	0.00221	0.0413	0.0189	0.00000664	20.6	0.0000176	0.000763	0.000247	0.00124
2038 Sep	213	0.216	0.69	0.013	80.3	0.0471	43.5	0.00115	0.00105	0.00000567	0.00469	0.00202	0.0383	0.0178	0.00000649	19.3	0.0000165	0.000696	0.000233	0.00119
2038 Oct	206	0.206	0.658	0.0125	77.4	0.0463	42.2	0.00114	0.00105	0.00000563	0.0046	0.00194	0.0371	0.0173	0.00000642	18.7	0.0000161	0.000667	0.000226	0.00117
2038 Nov	206	0.206	0.658	0.0125	77.5	0.0463	42.2	0.00114	0.00105	0.00000563	0.00461	0.00195	0.0371	0.0173	0.00000642	18.7	0.0000161	0.000668	0.000226	0.00117
2038 Dec	206	0.206	0.658	0.0125	77.5	0.0463	42.2	0.00114	0.00105	0.00000563	0.00461	0.00195	0.0371	0.0173	0.00000642	18.7	0.0000161	0.000668	0.000226	0.00117
2039 Jan	206	0.206	0.658	0.0125	77.5	0.0463	42.2	0.00114	0.00105	0.00000563	0.00461	0.00195	0.0371	0.0173	0.00000642	18.7	0.0000161	0.000668	0.000226	0.00117
2039 Feb	206	0.206	0.658	0.0125	77.5	0.0463	42.2	0.00114	0.00105	0.00000563	0.00461	0.00195	0.0371	0.0173	0.00000642	18.7	0.0000161	0.000668	0.000226	0.00117
2039 Mar	206	0.206	0.658	0.0125	77.5	0.0463	42.2	0.00114	0.00105	0.00000563	0.00461	0.00195	0.0371	0.0173	0.00000642	18.7	0.0000161	0.000668	0.000226	0.00117
2039 Apr	206	0.206	0.658	0.0125	77.5	0.0463	42.2	0.00114	0.00105	0.00000563	0.00461	0.00195	0.0371	0.0173	0.00000642	18.7	0.0000161	0.000668	0.000226	0.00117
2039 May	206	0.207	0.659	0.0125	77.6	0.0464	42.3	0.00114	0.00105	0.00000563	0.00461	0.00195	0.0372	0.0174	0.00000643	18.7	0.0000161	0.000669	0.000226	0.00117
2039 Jun	203	0.202	0.663	0.0124	75.8	0.047	42.7	0.00117	0.00105	0.00000567	0.00493	0.00195	0.0389	0.0174	0.00000643	18.9	0.0000172	0.000717	0.000224	0.00119
2039 Jul	191	0.185	0.613	0.0116	70.8	0.046	41	0.00116	0.00105	0.00000563	0.00499	0.00185	0.0376	0.0168	0.00000634	18.1	0.0000172	0.000695	0.000212	0.00117
2039 Aug	180	0.172	0.571	0.0109	66.7	0.0449	39	0.00116	0.00104	0.00000558	0.00486	0.00175	0.0358	0.0162	0.00000624	17.3	0.0000165	0.000658	0.000202	0.00114
2039 Sep	171	0.161	0.537	0.0103	63.4	0.0438	37.1	0.00115	0.00104	0.00000555	0.00474	0.00166	0.0341	0.0157	0.00000617	16.7	0.0000158	0.00062	0.000196	0.00111
2039 Oct	168	0.157	0.521	0.0101	61.9	0.0434	36.4	0.00115	0.00104	0.00000553	0.0047	0.00163	0.0334	0.0154	0.00000613	16.5	0.0000155	0.000605	0.000193	0.0011
2039 Nov	168	0.157	0.521	0.0101	61.9	0.0434	36.4	0.00115	0.00104	0.00000553	0.0047	0.00163	0.0334	0.0154	0.00000614	16.5	0.0000155	0.000605	0.000193	0.0011
2039 Dec	168	0.157	0.521	0.0101	61.9	0.0434	36.4	0.00115	0.00104	0.00000553	0.0047	0.00163	0.0334	0.0154	0.00000614	16.5	0.0000155	0.000605	0.000193	0.0011
2040 Jan	168	0.157	0.521	0.0101	61.9	0.0434	36.4	0.00115	0.00104	0.00000553	0.0047	0.00163	0.0334	0.0154	0.00000614	16.5	0.0000155	0.000605	0.000193	0.0011
2040 Feb	168	0.157	0.521	0.0101	61.9	0.0434	36.4	0.00115	0.00104	0.00000553	0.0047	0.00163	0.0334	0.0154	0.00000614	16.5	0.0000155	0.000605	0.000193	0.0011
2040 Mar	168	0.157	0.521	0.0101	61.9	0.0434	36.4	0.00115	0.00104	0.00000553	0.0047	0.00163	0.0334	0.0154	0.00000614	16.5	0.0000155	0.000605	0.000193	0.0011
2040 Apr	168	0.157	0.521	0.0101	61.9	0.0434	36.5	0.00115	0.00104	0.00000553	0.0047	0.00163	0.0334	0.0154	0.00000614	16.5	0.0000155	0.000605	0.000193	0.0011
2040 May	168	0.157	0.522	0.0101	62	0.0434	36.5	0.00115	0.00104	0.00000553	0.0047	0.00163	0.0335	0.0155	0.00000614	16.5	0.0000156	0.000606	0.000193	0.00111
2040 Jun	165	0.152	0.499	0.00974	60	0.0431	36.1	0.00118	0.00105	0.00000558	0.0049	0.00166	0.0331	0.0164	0.00000616	17.1	0.0000161	0.000609	0.000206	0.00112
2040 Jul	158	0.143	0.47	0.00927	57.2	0.0424	34.7	0.00119	0.00106	0.00000559	0.00489	0.00161	0.0318	0.0162	0.00000615	16.8	0.0000159	0.000588	0.000202	0.00111
2040 Aug	152	0.137	0.45	0.00892	55	0.0419	33.6	0.00119	0.00106	0.00000558	0.00481	0.00156	0.0309	0.0158	0.00000611	16.4	0.0000155	0.000569	0.000197	0.0011
2040 Sep	148	0.132	0.433	0.00865	53.2	0.0414	33	0.00121	0.00106	0.00000556	0.00474	0.00154	0.0302	0.0155	0.00000607	16.2	0.0000151	0.000552	0.000193	0.00108
2040 Oct	146	0.129	0.423	0.0085	52.2	0.0411	32.5	0.00121	0.00106	0.00000554	0.0047	0.00151	0.0297	0.0153	0.00000605	16	0.0000149	0.000542	0.000191	0.00108
2040 Nov	146	0.129	0.424	0.0085	52.3	0.0411	32.5	0.00121	0.00106	0.00000555	0.0047	0.00151	0.0297	0.0153	0.00000605	16	0.0000149	0.000542	0.000191	0.00108
2040 Dec	146	0.129	0.424	0.0085	52.3	0.0411	32.5	0.00121	0.00106	0.00000555	0.0047	0.00151	0.0297	0.0153	0.00000605	16	0.0000149	0.000542	0.000191	0.00108
2041 Jan	146	0.129	0.424	0.0085	52.3	0.0411	32.5	0.00121	0.00106	0.00000555	0.0047	0.00151	0.0297	0.0153	0.00000605	16	0.0000149	0.000542	0.000191	0.00108
2041 Feb	146	0.129	0.424	0.0085	52.3	0.0411	32.5	0.00121	0.00106	0.00000555	0.0047	0.00151	0.0297	0.0153	0.00000605	16	0.0000149	0.000542	0.000191	0.00108
2041 Mar	146	0.129	0.424	0.0085	52.3	0.0411	32.5	0.00121	0.00106	0.00000555	0.0047	0.00151	0.0297	0.0153	0.00000605	16	0.0000149	0.000542	0.000191	0.00108
2041 Apr	146	0.129	0.424	0.0085	52.3	0.0411	32.5	0.00121	0.00106	0.00000555	0.0047	0.00151	0.0297	0.0153	0.00000605	16	0.0000149	0.000542	0.000191	0.00108
2041 May	146	0.129	0.424	0.00851	52.3	0.0411	32.5	0.00121	0.00106	0.00000555	0.00471	0.00151	0.0297	0.0153	0.00000606	16	0.0000149	0.000542	0.000191	0.00108
2041 Jun	144	0.126	0.418	0.0084	51.2	0.0412	32.7	0.00124	0.00106	0.00000558	0.00485	0.00153	0.0301	0.0153	0.00000608	16.1	0.0000154	0.000555	0.000189	0.00108
2041 Jul	139	0.12	0.397	0.00806	49	0.0408	31.8	0.00125	0.00107	0.00000561	0.00497	0.00151	0.0296	0.0151	0.00000609	15.9	0.0000157	0.000545	0.000185	0.00107
2041 Aug	136	0.115	0.383	0.00782	47.6	0.0404	31	0.00125	0.00107	0.0000056	0.00491	0.00147	0.0288	0.0149	0.00000607	15.6	0.0000154	0.00053	0.000181	0.00106
2041 Sep	132	0.112	0.37	0.00763	46.3	0.0401	30.4	0.00126	0.00107	0.00000559	0.00485	0.00145	0.0282	0.0146	0.00000604	15.4	0.000015	0.000515	0.000178	0.00105
2041 Oct	131	0.11	0.365	0.00755	45.7	0.0399	30.3	0.00127	0.00107	0.00000558	0.00482	0.00144	0.028	0.0145	0.00000603	15.3	0.0000149	0.00051	0.000177	0.00105
2041 Nov	131	0.11	0.365	0.00756	45.7	0.0399	30.3	0.00127	0.00107	0.00000558	0.00482	0.00144	0.028	0.0145	0.00000603	15.3	0.0000149	0.00051	0.000177	0.00105
2041 Dec	131	0.11	0.365	0.00756	45.7	0.0399	30.3	0.00127	0.00107	0.00000558	0.00482	0.00144	0.028	0.0145	0.00000603	15.3	0.0000149	0.00051	0.000177	0.00105
2042 Jan	131	0.11	0.365	0.00756	45.7	0.0399	30.3	0.00127	0.00107	0.00000558	0.00482	0.00144	0.028	0.0145	0.00000603	15.3	0.0000149	0.00051	0.000177	0.00105
2042 Feb	131	0.11	0.365	0.00756	45.7	0.0399	30.3	0.00127	0.00107	0.00000558	0.00482	0.00144	0.028	0.0145	0.00000603	15.3	0.0000149	0.00051	0.000177	0.00105
2042 Mar	131	0.11	0.365	0.00756	45.7	0.0399	30.3	0.00127	0.00107	0.00000558	0.00482	0.00144	0.028	0.0145	0.00000603	15.3	0.0000149	0.00051	0.000177	0.00105
2042 Apr	131	0.11	0.365	0.00756	45.7	0.0399	30.3	0.00127	0.00107	0.00000558	0.00482	0.00144	0.028	0.0145	0.00000603	15.3	0.0000149	0.00051	0.000177	0.00105
2042 May	131	0.11	0.365	0.00756	45.7	0.04	30.3	0.00127	0.00107	0.00000559	0.00482	0.00144	0.028	0.0146	0.00000604	15.3	0.0000149	0.000511	0.000177	0.00105
2042 Jun	130	0.108	0.359	0.00747	44.9	0.04	30.3	0.00129	0.00108	0.00000561	0.00492	0.00146	0.0281	0.0146	0.00000606	15.4	0.0000152	0.000514	0.000176	0.00105
2042 Jul	127	0.104	0.346	0.00724	43.5	0.0396	29.6	0.00129	0.00108	0.00000562	0.00496	0.00143	0.0276	0.0144	0.00000605	15.2	0.0000153	0.000506	0.000173	0.00105
2042 Aug	124	0.101	0.336	0.00708	42.4	0.0394	29.1	0.00128	0.00108	0.0000056	0.00491	0.00141	0.0272	0.0142	0.00000602	15	0.000015	0.000499	0.00017	0.00104
2042 Sep	121	0.0981	0.327	0.00691	41.4	0.0391	28.5	0.00127	0.00107	0.00000558	0.00485	0.00138	0.0267	0.014	0.00000599	14.7	0.0000147	0.000486	0.000168	0.00103
2042 Oct	120	0.0968	0.322	0.00683	41	0.0389	28.3	0.00127	0.00107	0.00000557	0.00482	0.00136	0.0264	0.0139	0.00000597	14.6	0.0000146	0.00048	0.000166	0.00103
2042 Nov	120	0.0968	0.322	0.00683	41	0.0389	28.3	0.00127	0.00107	0.00000557	0.00482	0.00136	0.0264	0.0139	0.00000597	14.6	0.0000146	0.00048	0.000167	0.00103
2042 Dec	120	0.0968	0.322	0.00683	41	0.0389	28.3	0.00127	0.00107	0.00000557	0.00482	0.00136	0.0264	0.0139	0.00000597	14.6	0.0000146	0.000481	0.000167	0.00103
2043 Jan	120	0.0968	0.322	0.00683	41	0.0389	28.3	0.00127	0.00107	0.00000557	0.00482	0.00136	0.0264	0.0139	0.00000597	14.6	0.0000146	0.000481	0.000167	0.00103
2043 Feb	120	0.0968	0.322	0.00683	41	0.0389	28.3	0.00127	0.00107	0.00000557	0.00482	0.00136	0.0264	0.0139	0.00000597	14.6	0.0000146	0.000481	0.000167	0.00103
2043 Mar	120	0.0968	0.322	0.00683	41	0.0389	28.3	0.00127	0.00107	0.00000557	0.00482	0.00136	0.0264	0.0139	0.00000597	14.6	0.0000146	0.000481	0.000167	0.00103
2043 Apr	120	0.0968	0.322	0.00683	41	0.039	28.3	0.00127	0.00107	0.00000557	0.00482	0.00136	0.0264	0.0139	0.00000597	14.6	0.0000146	0.000481	0.000167	0.00103
2043 May	120	0.0969	0.323	0.00684	41	0.039	28.3	0.00127	0.00107	0.00000557	0.00482	0.00136	0.0265	0.014	0.00000598	14.6	0.0000146	0.000481	0.000167	0.00103
2043 Jun	119	0.0959	0.32	0.00678	40.7	0.0389	28.2	0.00126	0.00107	0.00000555	0.00481	0.00135	0.0264	0.0139	0.00000596	14.6	0.0000145	0.000481	0.000166	0.00103
2043 Jul	117	0.0936	0.311	0.00664	39.8	0.0386	27.7	0.00126	0.00107	0.00000554	0.00475	0.00132	0.0259	0.0138	0.00000594	14.4	0.0000143	0.000472	0.000163	0.00102
2043 Aug	115	0.0912	0.303	0.0065	39	0.0383	27.1	0.00125	0.00107	0.00000554	0.0047	0.00129	0.0253	0.0136	0.00000592	14.2	0.0000141	0.000461	0.000161	0.00102
2043 Sep	112	0.089	0.296	0.00636	38.2	0.038	26.5	0.00124	0.00107	0.00000552	0.00465	0.00127	0.0248	0.0134	0.0000059	14	0.0000138	0.00045	0.00016	0.00101
2043 Oct	111	0.0879	0.292	0.00629	37.8	0.0379	26.2	0.00124	0.00106	0.00000551	0.00463	0.00125	0.0246	0.0134	0.00000589	13.9	0.0000137	0.000444	0.000159	0.00101
2043 Nov	111	0.0879	0.292	0.00629	37.8	0.0379	26.2	0.00124	0.00106	0.00000551	0.00463	0.00125	0.0246	0.0134	0.00000588	13.9	0.0000137	0.000445	0.000159	0.00101

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	111	0.0879	0.292	0.00629	37.8	0.0379	26.2	0.00124	0.00106	0.00000551	0.00463	0.00125	0.0246	0.0134	0.00000588	13.9	0.0000137	0.000445	0.000159	0.00101
2044 Jan	111	0.0879	0.292	0.00629	37.8	0.0379	26.2	0.00124	0.00106	0.00000551	0.00463	0.00125	0.0246	0.0134	0.00000588	13.9	0.0000137	0.000445	0.000159	0.00101
2044 Feb	111	0.0879	0.292	0.00629	37.8	0.0379	26.2	0.00124	0.00106	0.00000551	0.00463	0.00125	0.0246	0.0134	0.00000588	13.9	0.0000137	0.000445	0.000159	0.00101
2044 Mar	111	0.0879	0.292	0.00629	37.8	0.0379	26.2	0.00124	0.00106	0.00000551	0.00463	0.00125	0.0246	0.0134	0.00000588	13.9	0.0000137	0.000445	0.000159	0.00101
2044 Apr	111	0.0879	0.292	0.00629	37.8	0.0379	26.3	0.00124	0.00106	0.00000551	0.00463	0.00125	0.0246	0.0134	0.00000589	13.9	0.0000137	0.000445	0.000159	0.00101
2044 May	111	0.088	0.292	0.00629	37.9	0.0379	26.3	0.00124	0.00107	0.00000552	0.00463	0.00125	0.0246	0.0134	0.00000589	13.9	0.0000137	0.000445	0.000159	0.00101
2044 Jun	110	0.0869	0.289	0.00622	37.4	0.0378	26	0.00123	0.00106	0.0000055	0.00462	0.00124	0.0245	0.0133	0.00000587	13.8	0.0000137	0.000444	0.000158	0.001
2044 Jul	109	0.0853	0.283	0.00612	36.8	0.0376	25.6	0.00123	0.00106	0.00000549	0.00459	0.00122	0.0241	0.0132	0.00000585	13.7	0.0000135	0.000438	0.000156	0.001
2044 Aug	109	0.0853	0.283	0.00612	36.8	0.0376	25.6	0.00123	0.00106	0.0000055	0.00459	0.00122	0.0241	0.0132	0.00000586	13.7	0.0000135	0.000438	0.000156	0.001
2044 Sep	109	0.0853	0.283	0.00612	36.8	0.0376	25.6	0.00123	0.00106	0.0000055	0.00459	0.00122	0.0241	0.0132	0.00000586	13.7	0.0000135	0.000438	0.000156	0.001
2044 Oct	109	0.0853	0.283	0.00612	36.8	0.0376	25.6	0.00123	0.00106	0.0000055	0.00459	0.00122	0.0241	0.0132	0.00000586	13.7	0.0000135	0.000439	0.000156	0.001
2044 Nov	109	0.0853	0.283	0.00612	36.8	0.0376	25.6	0.00123	0.00106	0.0000055	0.00459	0.00122	0.0241	0.0132	0.00000586	13.7	0.0000136	0.000439	0.000156	0.001
2044 Dec	109	0.0853	0.283	0.00612	36.8	0.0376	25.6	0.00123	0.00106	0.0000055	0.00459	0.00122	0.0241	0.0132	0.00000586	13.7	0.0000136	0.000439	0.000156	0.001
2045 Jan	109	0.0853	0.283	0.00612	36.8	0.0376	25.6	0.00123	0.00106	0.0000055	0.00459	0.00122	0.0241	0.0132	0.00000586	13.7	0.0000136	0.000439	0.000156	0.001
2045 Feb	109	0.0853	0.283	0.00612	36.8	0.0376	25.6	0.00123	0.00106	0.0000055	0.00459	0.00122	0.0241	0.0132	0.00000586	13.7	0.0000136	0.000439	0.000156	0.001
2045 Mar	109	0.0853	0.283	0.00612	36.8	0.0376	25.6	0.00123	0.00106	0.0000055	0.00459	0.00122	0.0241	0.0132	0.00000586	13.7	0.0000136	0.000439	0.000156	0.001
2045 Apr	109	0.0853	0.283	0.00612	36.8	0.0376	25.6	0.00123	0.00106	0.0000055	0.00459	0.00122	0.0241	0.0132	0.00000586	13.7	0.0000136	0.000439	0.000156	0.001
2045 May	109	0.0853	0.283	0.00612	36.9	0.0377	25.7	0.00123	0.00106	0.0000055	0.00459	0.00122	0.0241	0.0132	0.00000586	13.7	0.0000136	0.000439	0.000156	0.001
2045 Jun	109	0.0854	0.284	0.00612	36.8	0.0377	25.7	0.00123	0.00106	0.0000055	0.00461	0.00123	0.0243	0.0132	0.00000586	13.7	0.0000136	0.000443	0.000156	0.001
2045 Jul	109	0.0855	0.284	0.00613	36.8	0.0378	25.8	0.00123	0.00106	0.0000055	0.00462	0.00123	0.0244	0.0133	0.00000586	13.8	0.0000137	0.000445	0.000157	0.001
2045 Aug	109	0.0856	0.285	0.00614	36.9	0.0378	25.8	0.00123	0.00106	0.00000551	0.00463	0.00123	0.0244	0.0133	0.00000587	13.8	0.0000137	0.000446	0.000157	0.00101
2045 Sep	109	0.0857	0.285	0.00614	36.9	0.0378	25.9	0.00123	0.00106	0.00000551	0.00463	0.00123	0.0244	0.0133	0.00000587	13.8	0.0000137	0.000446	0.000157	0.00101
2045 Oct	109	0.0857	0.285	0.00614	36.9	0.0379	25.9	0.00123	0.00106	0.00000551	0.00463	0.00123	0.0244	0.0133	0.00000587	13.8	0.0000137	0.000446	0.000157	0.00101
2045 Nov	109	0.0857	0.285	0.00614	36.9	0.0379	25.9	0.00123	0.00106	0.00000551	0.00463	0.00123	0.0244	0.0133	0.00000587	13.8	0.0000137	0.000446	0.000157	0.00101
2045 Dec	109	0.0857	0.285	0.00614	36.9	0.0379	25.9	0.00123	0.00106	0.00000551	0.00463	0.00123	0.0244	0.0133	0.00000587	13.8	0.0000137	0.000447	0.000157	0.00101
2046 Jan	109	0.0857	0.285	0.00614	36.9	0.0379	25.9	0.00123	0.00106	0.00000551	0.00463	0.00123	0.0245	0.0133	0.00000587	13.8	0.0000137	0.000447	0.000157	0.00101
2046 Feb	109	0.0857	0.285	0.00614	36.9	0.0379	25.9	0.00123	0.00106	0.00000551	0.00463	0.00123	0.0245	0.0133	0.00000587	13.8	0.0000137	0.000447	0.000157	0.00101
2046 Mar	109	0.0857	0.285	0.00615	36.9	0.0379	25.9	0.00123	0.00106	0.00000551	0.00463	0.00123	0.0245	0.0133	0.00000587	13.8	0.0000137	0.000447	0.000157	0.00101
2046 Apr	109	0.0857	0.285	0.00615	36.9	0.0379	25.9	0.00123	0.00106	0.00000551	0.00463	0.00123	0.0245	0.0133	0.00000587	13.8	0.0000137	0.000447	0.000157	0.00101
2046 May	109	0.0858	0.285	0.00615	37	0.0379	25.9	0.00123	0.00107	0.00000552	0.00463	0.00123	0.0245	0.0133	0.00000588	13.8	0.0000137	0.000447	0.000157	0.00101
2046 Jun	109	0.0856	0.285	0.00613	36.8	0.0379	25.9	0.00123	0.00106	0.00000551	0.00465	0.00123	0.0246	0.0133	0.00000587	13.8	0.0000138	0.00045	0.000157	0.00101
2046 Jul	109	0.0854	0.285	0.00613	36.8	0.0378	25.9	0.00123	0.00106	0.0000055	0.00466	0.00123	0.0246	0.0133	0.00000586	13.8	0.0000138	0.000451	0.000157	0.00101
2046 Aug	109	0.0855	0.285	0.00614	36.8	0.0379	26	0.00123	0.00106	0.00000551	0.00466	0.00124	0.0247	0.0133	0.00000587	13.8	0.0000139	0.000452	0.000157	0.00101
2046 Sep	109	0.0855	0.285	0.00614	36.8	0.0379	26	0.00123	0.00106	0.00000551	0.00466	0.00124	0.0247	0.0133	0.00000587	13.8	0.0000139	0.000452	0.000157	0.00101
2046 Oct	109	0.0855	0.285	0.00614	36.8	0.0379	26	0.00123	0.00106	0.0000055	0.00466	0.00124	0.0247	0.0133	0.00000587	13.8	0.0000139	0.000453	0.000157	0.00101
2046 Nov	109	0.0855	0.285	0.00614	36.8	0.0379	26	0.00123	0.00106	0.0000055	0.00466	0.00124	0.0247	0.0133	0.00000587	13.8	0.0000139	0.000453	0.000157	0.00101
2046 Dec	109	0.0855	0.285	0.00614	36.8	0.0379	26	0.00123	0.00106	0.0000055	0.00466	0.00124	0.0247	0.0133	0.00000587	13.8	0.0000139	0.000453	0.000157	0.00101
2047 Jan	109	0.0855	0.285	0.00614	36.8	0.0379	26	0.00123	0.00106	0.0000055	0.00466	0.00124	0.0247	0.0133	0.00000587	13.8	0.0000139	0.000453	0.000157	0.00101
2047 Feb	109	0.0855	0.285	0.00614	36.8	0.0379	26	0.00123	0.00106	0.0000055	0.00466	0.00124	0.0247	0.0133	0.00000587	13.8	0.0000139	0.000453	0.000157	0.00101
2047 Mar	109	0.0855	0.285	0.00614	36.8	0.0379	26	0.00123	0.00106	0.0000055	0.00466	0.00124	0.0247	0.0133	0.00000587	13.8	0.0000139	0.000453	0.000157	0.00101
2047 Apr	109	0.0855	0.285	0.00614	36.8	0.0379	26	0.00123	0.00106	0.0000055	0.00466	0.00124	0.0247	0.0133	0.00000587	13.8	0.0000139	0.000453	0.000157	0.00101
2047 May	109	0.0856	0.285	0.00614	36.8	0.0379	26	0.00123	0.00106	0.00000551	0.00467	0.00124	0.0248	0.0133	0.00000587	13.8	0.0000139	0.000454	0.000157	0.00101
2047 Jun	109	0.0855	0.285	0.00612	36.8	0.0379	26.1	0.00122	0.00106	0.0000055	0.00468	0.00124	0.0249	0.0134	0.00000586	13.9	0.0000139	0.000457	0.000158	0.00101
2047 Jul	109	0.0857	0.285	0.00614	36.8	0.038	26.1	0.00123	0.00106	0.00000551	0.00469	0.00124	0.0249	0.0134	0.00000587	13.9	0.000014	0.000458	0.000158	0.00101
2047 Aug	110	0.0858	0.286	0.00615	36.9	0.038	26.2	0.00123	0.00106	0.00000551	0.0047	0.00124	0.025	0.0134	0.00000588	13.9	0.000014	0.000459	0.000159	0.00101
2047 Sep	110	0.0859	0.286	0.00615	36.9	0.0381	26.2	0.00123	0.00106	0.00000551	0.0047	0.00124	0.025	0.0134	0.00000588	13.9	0.000014	0.000459	0.000159	0.00101
2047 Oct	110	0.0858	0.286	0.00615	36.9	0.038	26.2	0.00123	0.00106	0.00000551	0.00469	0.00124	0.025	0.0134	0.00000587	13.9	0.000014	0.000459	0.000159	0.00101
2047 Nov	110	0.0858	0.286	0.00615	36.9	0.038	26.2	0.00123	0.00106	0.00000551	0.00469	0.00124	0.025	0.0134	0.00000587	13.9	0.000014	0.00046	0.000159	0.00101
2047 Dec	110	0.0858	0.286	0.00615	36.9	0.038	26.2	0.00123	0.00106	0.00000551	0.0047	0.00124	0.025	0.0134	0.00000587	13.9	0.000014	0.00046	0.000159	0.00101
2048 Jan	110	0.0858	0.286	0.00615	36.9	0.0381	26.2	0.00123	0.00106	0.00000551	0.0047	0.00124	0.025	0.0134	0.00000587	13.9	0.000014	0.00046	0.000159	0.00101
2048 Feb	110	0.0859	0.286	0.00615	36.9	0.0381	26.2	0.00123	0.00106	0.00000551	0.0047	0.00124	0.025	0.0134	0.00000587	13.9	0.000014	0.00046	0.000159	0.00101
2048 Mar	110	0.0859	0.286	0.00615	36.9	0.0381	26.2	0.00123	0.00106	0.00000551	0.0047	0.00124	0.025	0.0134	0.00000587	13.9	0.000014	0.00046	0.000159	0.00101
2048 Apr	110	0.0859	0.286	0.00615	36.9	0.0381	26.2	0.00123	0.00106	0.00000551	0.0047	0.00124	0.025	0.0134	0.00000587	13.9	0.000014	0.00046	0.000159	0.00101
2048 May	110	0.0859	0.286	0.00615	36.9	0.0381	26.2	0.00123	0.00106	0.00000551	0.0047	0.00125	0.025	0.0134	0.00000588	13.9	0.000014	0.00046	0.000159	0.00101
2048 Jun	110	0.0857	0.285	0.00613	36.8	0.038	26.2	0.00122	0.00106	0.00000551	0.00471	0.00125	0.0251	0.0135	0.00000587	14	0.0000141	0.000463	0.000159	0.00101
2048 Jul	110	0.0857	0.285	0.00612	36.8	0.038	26.3	0.00122	0.00106	0.0000055	0.00473	0.00125	0.0252	0.0135	0.00000586	14	0.0000141	0.000464	0.00016	0.00101
2048 Aug	110	0.0858	0.285	0.00613	36.8	0.0381	26.3	0.00122	0.00106	0.00000551	0.00473	0.00125	0.0252	0.0135	0.00000587	14	0.0000141	0.000465	0.00016	0.00101
2048 Sep	110	0.0858	0.285	0.00614	36.8	0.0381	26.3	0.00122	0.00106	0.00000551	0.00473	0.00125	0.0252	0.0135	0.00000587	14	0.0000141	0.000465	0.00016	0.00101
2048 Oct	110	0.0858	0.285	0.00613	36.8	0.0381	26.4	0.00122	0.00106	0.0000055	0.00473	0.00125	0.0252	0.0135	0.00000587	14	0.0000141	0.000466	0.00016	0.00101
2048 Nov	110	0.0858	0.285	0.00613	36.8	0.0381	26.4	0.00122	0.00106	0.0000055	0.00473	0.00125	0.0252	0.0135	0.00000587	14	0.0000141	0.000466	0.00016	0.00101
2048 Dec	110	0.0858	0.285	0.00613	36.8	0.0381	26.4	0.00122	0.00106	0.0000055	0.00473	0.00125	0.0252	0.0135	0.00000587	14	0.0000141	0.000466	0.00016	0.00101
2049 Jan	110	0.0858	0.285	0.00613	36.8	0.0381	26.4	0.00122	0.00106	0.0000055	0.00473	0.00125	0.0252	0.0135	0.00000587	14	0.0000141	0.000466	0.00016	0.00101
2049 Feb	110	0.0858	0.285	0.00613	36.8	0.0381	26.4	0.00122	0.00106	0.0000055	0.00473	0.00125	0.0252	0.0135	0.00000587	14	0.0000141	0.000466	0.00016	0.00101
2049 Mar	110	0.0858	0.285	0.00613	36.8	0.0381	26.4	0.00122	0.00106	0.0000055	0.00473	0.00125	0.0252	0.0135	0.00000587	14	0.0000141	0.000466	0.00016	0.00101
2049 Apr	110	0.0858	0.285	0.00614	36.8	0.0381	26.4	0.00122	0.00106	0.0000055	0.00473	0.00125	0.0252	0.0135	0.00000587	14	0.0000141	0.000466	0.00016	0.00101
2049 May	110	0.0858	0.286	0.00614	36.8	0.0381	26.4	0.00122	0.00106	0.00000551	0.00473	0.00125	0.0253	0.0135	0.00000587	14	0.0000142	0.000466	0.00016	0.00101
2049 Jun	110	0.0855	0.285	0.00611	36.7	0.0381	26.4	0.00122	0.00106	0.0000055	0.00475	0.00125	0.0253	0.0135	0.00000586	14	0.0000142	0.000468	0.00016	0.00101
2049 Jul	110	0.0854	0.284	0.00611	36.6	0.0381	26.4	0.00122	0.00106	0.00000549	0.00475	0.00125	0.0254	0.0135	0.00000586	14	0.0000142	0.000469	0.00016	0.00101
2049 Aug	110	0.0856	0.285	0.00612	36.7	0.0381	26.4	0.00122	0.00106	0.0000055	0.00476	0.00125	0.0254	0.0135	0.00000587	14	0.0000143	0.00047	0.00016	0.00101
2049 Sep	110	0.0856	0.285	0.00613	36.7	0.0381	26.5	0.00122	0.00106	0.0000055	0.00476	0.00125	0.0254	0.0135	0.00000587	14	0.0000143	0.00047	0.00016	0.00101
2049 Oct	110	0.0856	0.285	0.00613	36.7	0.0381	26.5	0.00122	0.00106	0.0000055	0.00476	0.00125	0.0254	0.0135	0.00000586	14	0.0000143	0.00047	0.00016	0.00101
2049 Nov	110	0.0856	0.285	0.00613	36.7	0.0381	26.5	0.00122	0.00106	0.0000055	0.00476	0.00126	0.0255	0.0135	0.00000586	14	0.0000143	0.00047	0.00016	0.00101
2049 Dec	110	0.0856	0.285	0.00613	36.7	0.0382	26.5	0.00122	0.00106	0.0000055	0.00476	0.00126	0.0255	0.0135	0.00000586	14	0.0000143	0.000471	0.00016	0.00101
2050 Jan	110	0.0856	0.285	0.00613	36.7	0.0382	26.5	0.00122	0.00106	0.0000055	0.00476	0.00126	0.0255	0.0135	0.00000586	14	0.0000143	0.000471	0.00016	0.00101
2050 Feb	110	0.0856	0.285	0.00613	36.7	0.0382	26.5	0.00122	0.00106	0.0000055	0.00476	0.00126	0.0255	0.0135	0.00000586	14	0.0000143	0.000471	0.00016	0.00101
2050 Mar	110	0.0856	0.285	0.00613	36.7	0.0382	26.5	0.00122	0.00106	0.0000055	0.00476	0.00126	0.0255	0.0135	0.00000587	14	0.0000143	0.000471	0.00016	0.00101
2050 Apr	110	0.0856	0.285	0.00613	36.7	0.0382	26.5	0.00122	0.00106	0.0000055	0.00476	0.00126	0.0255	0.0135	0.00000587	14	0.0000143	0.000471	0.00016	0.00101

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	110	0.0857	0.285	0.00613	36.7	0.0382	26.5	0.00122	0.00106	0.0000055	0.00476	0.00126	0.0255	0.0135	0.00000587	14	0.0000143	0.000471	0.00016	0.00101
2050 Jun	110	0.0855	0.284	0.00612	36.6	0.0382	26.5	0.00122	0.00106	0.0000055	0.00477	0.00126	0.0255	0.0135	0.00000586	14	0.0000143	0.000473	0.00016	0.00101
2050 Jul	110	0.0854	0.284	0.00611	36.6	0.0382	26.5	0.00122	0.00106	0.00000549	0.00478	0.00126	0.0256	0.0135	0.00000586	14	0.0000144	0.000474	0.00016	0.00101
2050 Aug	110	0.0855	0.285	0.00612	36.6	0.0382	26.6	0.00122	0.00106	0.0000055	0.00479	0.00126	0.0256	0.0136	0.00000586	14	0.0000144	0.000474	0.00016	0.00101
2050 Sep	110	0.0856	0.285	0.00612	36.7	0.0382	26.6	0.00122	0.00106	0.0000055	0.00479	0.00126	0.0256	0.0136	0.00000586	14	0.0000144	0.000475	0.00016	0.00102
2050 Oct	110	0.0856	0.285	0.00613	36.7	0.0382	26.6	0.00122	0.00106	0.0000055	0.00479	0.00126	0.0257	0.0136	0.00000587	14	0.0000144	0.000475	0.00016	0.00102
2050 Nov	110	0.0856	0.285	0.00613	36.7	0.0382	26.6	0.00122	0.00106	0.0000055	0.00479	0.00126	0.0257	0.0136	0.00000587	14.1	0.0000144	0.000475	0.00016	0.00102
2050 Dec	110	0.0856	0.285	0.00613	36.7	0.0382	26.6	0.00122	0.00106	0.0000055	0.00479	0.00126	0.0257	0.0136	0.00000587	14.1	0.0000144	0.000475	0.00016	0.00102
2051 Jan	110	0.0856	0.285	0.00613	36.7	0.0382	26.6	0.00122	0.00106	0.0000055	0.00479	0.00126	0.0257	0.0136	0.00000587	14.1	0.0000144	0.000475	0.00016	0.00102
2051 Feb	110	0.0856	0.285	0.00613	36.7	0.0382	26.6	0.00122	0.00106	0.0000055	0.00479	0.00126	0.0257	0.0136	0.00000587	14.1	0.0000144	0.000475	0.00016	0.00102
2051 Mar	110	0.0856	0.285	0.00613	36.7	0.0382	26.6	0.00122	0.00106	0.0000055	0.00479	0.00126	0.0257	0.0136	0.00000587	14.1	0.0000144	0.000475	0.00016	0.00102
2051 Apr	110	0.0856	0.285	0.00613	36.7	0.0382	26.6	0.00122	0.00106	0.0000055	0.00479	0.00126	0.0257	0.0136	0.00000587	14.1	0.0000144	0.000475	0.00016	0.00102
2051 May	110	0.0857	0.285	0.00613	36.7	0.0383	26.6	0.00122	0.00106	0.00000551	0.00479	0.00126	0.0257	0.0136	0.00000587	14.1	0.0000144	0.000475	0.00016	0.00102
2051 Jun	110	0.0853	0.284	0.0061	36.5	0.0383	26.7	0.00122	0.00106	0.00000549	0.00481	0.00126	0.0259	0.0136	0.00000586	14.1	0.0000145	0.000481	0.000161	0.00102
2051 Jul	110	0.0853	0.284	0.0061	36.5	0.0383	26.7	0.00121	0.00106	0.00000549	0.00482	0.00126	0.0259	0.0136	0.00000586	14.1	0.0000145	0.000482	0.000162	0.00102
2051 Aug	110	0.0854	0.284	0.00611	36.6	0.0383	26.8	0.00122	0.00106	0.00000549	0.00482	0.00127	0.026	0.0136	0.00000586	14.1	0.0000145	0.000483	0.000162	0.00102
2051 Sep	110	0.0854	0.284	0.00611	36.6	0.0383	26.8	0.00121	0.00106	0.00000549	0.00482	0.00127	0.026	0.0136	0.00000586	14.1	0.0000145	0.000483	0.000162	0.00102
2051 Oct	110	0.0853	0.283	0.00609	36.5	0.0383	26.8	0.00121	0.00106	0.00000548	0.00482	0.00127	0.026	0.0136	0.00000585	14.1	0.0000145	0.000484	0.000161	0.00102
2051 Nov	110	0.0853	0.283	0.00609	36.5	0.0383	26.8	0.00121	0.00106	0.00000548	0.00482	0.00127	0.026	0.0136	0.00000585	14.1	0.0000145	0.000484	0.000161	0.00102
2051 Dec	110	0.0853	0.283	0.00609	36.5	0.0383	26.8	0.00121	0.00106	0.00000548	0.00482	0.00127	0.026	0.0136	0.00000585	14.1	0.0000145	0.000484	0.000161	0.00102
2052 Jan	110	0.0853	0.283	0.00609	36.5	0.0383	26.8	0.00121	0.00106	0.00000548	0.00482	0.00127	0.026	0.0136	0.00000585	14.1	0.0000145	0.000484	0.000161	0.00102
2052 Feb	110	0.0853	0.283	0.00609	36.5	0.0383	26.8	0.00121	0.00106	0.00000548	0.00482	0.00127	0.026	0.0136	0.00000585	14.1	0.0000145	0.000484	0.000161	0.00102
2052 Mar	110	0.0853	0.283	0.00609	36.5	0.0383	26.8	0.00121	0.00106	0.00000548	0.00482	0.00127	0.026	0.0136	0.00000585	14.1	0.0000145	0.000484	0.000161	0.00102
2052 Apr	110	0.0853	0.283	0.00609	36.5	0.0383	26.8	0.00121	0.00106	0.00000548	0.00482	0.00127	0.026	0.0136	0.00000585	14.1	0.0000145	0.000484	0.000162	0.00102
2052 May	110	0.0853	0.284	0.0061	36.5	0.0383	26.8	0.00121	0.00106	0.00000548	0.00482	0.00127	0.026	0.0136	0.00000585	14.1	0.0000146	0.000484	0.000162	0.00102
2052 Jun	110	0.0853	0.283	0.00609	36.5	0.0383	26.8	0.00121	0.00106	0.00000548	0.00483	0.00127	0.0261	0.0137	0.00000585	14.1	0.0000146	0.000486	0.000162	0.00102
2052 Jul	110	0.0854	0.283	0.0061	36.5	0.0384	26.9	0.00121	0.00106	0.00000549	0.00484	0.00127	0.0261	0.0137	0.00000585	14.2	0.0000146	0.000487	0.000162	0.00102
2052 Aug	110	0.0855	0.284	0.00611	36.5	0.0384	26.9	0.00121	0.00106	0.00000549	0.00484	0.00127	0.0262	0.0137	0.00000586	14.2	0.0000146	0.000487	0.000162	0.00102
2052 Sep	110	0.0855	0.284	0.00611	36.5	0.0384	27	0.00121	0.00106	0.00000549	0.00484	0.00127	0.0262	0.0137	0.00000586	14.2	0.0000146	0.000488	0.000162	0.00102
2052 Oct	110	0.0855	0.284	0.00611	36.6	0.0384	27	0.00121	0.00106	0.00000549	0.00484	0.00127	0.0262	0.0137	0.00000586	14.2	0.0000146	0.000488	0.000162	0.00102
2052 Nov	110	0.0855	0.284	0.00611	36.6	0.0384	27	0.00121	0.00106	0.00000549	0.00484	0.00127	0.0262	0.0137	0.00000586	14.2	0.0000146	0.000488	0.000162	0.00102
2052 Dec	110	0.0855	0.284	0.00611	36.6	0.0384	27	0.00121	0.00106	0.00000549	0.00484	0.00127	0.0262	0.0137	0.00000586	14.2	0.0000146	0.000488	0.000162	0.00102
2053 Jan	110	0.0855	0.284	0.00611	36.6	0.0384	27	0.00121	0.00106	0.00000549	0.00484	0.00127	0.0262	0.0137	0.00000586	14.2	0.0000146	0.000488	0.000162	0.00102
2053 Feb	110	0.0855	0.284	0.00611	36.6	0.0384	27	0.00121	0.00106	0.00000549	0.00484	0.00127	0.0262	0.0137	0.00000586	14.2	0.0000146	0.000488	0.000162	0.00102
2053 Mar	110	0.0855	0.284	0.00611	36.6	0.0384	27	0.00121	0.00106	0.00000549	0.00484	0.00127	0.0262	0.0137	0.00000586	14.2	0.0000146	0.000488	0.000162	0.00102
2053 Apr	111	0.0856	0.284	0.00611	36.6	0.0384	27	0.00121	0.00106	0.00000549	0.00484	0.00127	0.0262	0.0137	0.00000586	14.2	0.0000146	0.000488	0.000162	0.00102
2053 May	111	0.0856	0.284	0.00611	36.6	0.0385	27	0.00121	0.00106	0.00000549	0.00485	0.00127	0.0263	0.0137	0.00000586	14.2	0.0000147	0.00049	0.000163	0.00102
2053 Jun	111	0.0855	0.283	0.00609	36.5	0.0385	27.1	0.00121	0.00106	0.00000548	0.00486	0.00128	0.0265	0.0138	0.00000585	14.3	0.0000147	0.000495	0.000164	0.00102
2053 Jul	111	0.0856	0.283	0.0061	36.5	0.0386	27.2	0.00121	0.00106	0.00000549	0.00487	0.00128	0.0265	0.0138	0.00000586	14.3	0.0000147	0.000496	0.000164	0.00103
2053 Aug	111	0.0858	0.284	0.00611	36.6	0.0386	27.2	0.00121	0.00106	0.0000055	0.00487	0.00128	0.0266	0.0138	0.00000587	14.3	0.0000148	0.000497	0.000164	0.00103
2053 Sep	111	0.0858	0.284	0.00612	36.6	0.0387	27.3	0.00121	0.00106	0.0000055	0.00488	0.00128	0.0266	0.0139	0.00000587	14.3	0.0000148	0.000497	0.000165	0.00103
2053 Oct	111	0.0859	0.284	0.00612	36.6	0.0387	27.3	0.00121	0.00106	0.0000055	0.00488	0.00128	0.0266	0.0139	0.00000587	14.3	0.0000148	0.000498	0.000165	0.00103
2053 Nov	111	0.0859	0.284	0.00612	36.6	0.0387	27.3	0.00121	0.00106	0.0000055	0.00488	0.00128	0.0266	0.0139	0.00000587	14.3	0.0000148	0.000498	0.000165	0.00103
2053 Dec	111	0.0859	0.284	0.00612	36.6	0.0387	27.3	0.00121	0.00106	0.0000055	0.00488	0.00128	0.0266	0.0139	0.00000587	14.3	0.0000148	0.000498	0.000165	0.00103
2054 Jan	111	0.0859	0.284	0.00612	36.6	0.0387	27.3	0.00121	0.00106	0.0000055	0.00488	0.00128	0.0266	0.0139	0.00000587	14.3	0.0000148	0.000498	0.000165	0.00103
2054 Feb	111	0.0859	0.284	0.00612	36.6	0.0387	27.3	0.00121	0.00106	0.0000055	0.00488	0.00128	0.0266	0.0139	0.00000587	14.3	0.0000148	0.000498	0.000165	0.00103
2054 Mar	111	0.0859	0.284	0.00612	36.6	0.0387	27.3	0.00121	0.00106	0.0000055	0.00488	0.00128	0.0266	0.0139	0.00000587	14.3	0.0000148	0.000498	0.000165	0.00103
2054 Apr	111	0.0859	0.284	0.00612	36.6	0.0387	27.3	0.00121	0.00106	0.0000055	0.00488	0.00128	0.0266	0.0139	0.00000587	14.3	0.0000148	0.000498	0.000165	0.00103
2054 May	111	0.0859	0.285	0.00612	36.7	0.0387	27.3	0.00121	0.00106	0.00000551	0.00488	0.00128	0.0266	0.0139	0.00000588	14.3	0.0000148	0.000498	0.000165	0.00103
2054 Jun	111	0.0858	0.284	0.00611	36.6	0.0387	27.4	0.00121	0.00106	0.0000055	0.00489	0.00129	0.0268	0.0139	0.00000587	14.4	0.0000148	0.000502	0.000166	0.00103
2054 Jul	111	0.0859	0.284	0.00611	36.6	0.0388	27.4	0.00121	0.00106	0.0000055	0.00489	0.00129	0.0268	0.014	0.00000587	14.4	0.0000149	0.000504	0.000166	0.00103
2054 Aug	111	0.0859	0.284	0.00612	36.6	0.0388	27.5	0.00121	0.00106	0.0000055	0.0049	0.00129	0.0269	0.014	0.00000587	14.4	0.0000149	0.000504	0.000166	0.00103
2054 Sep	112	0.086	0.284	0.00612	36.6	0.0388	27.5	0.00121	0.00106	0.0000055	0.0049	0.00129	0.0269	0.014	0.00000587	14.4	0.0000149	0.000505	0.000167	0.00103
2054 Oct	112	0.086	0.284	0.00612	36.6	0.0388	27.5	0.00121	0.00106	0.0000055	0.0049	0.00129	0.0269	0.014	0.00000587	14.4	0.0000149	0.000505	0.000167	0.00103
2054 Nov	112	0.086	0.284	0.00612	36.6	0.0388	27.5	0.00121	0.00106	0.0000055	0.0049	0.00129	0.0269	0.014	0.00000587	14.4	0.0000149	0.000505	0.000167	0.00103
2054 Dec	112	0.086	0.284	0.00612	36.6	0.0388	27.5	0.00121	0.00106	0.0000055	0.0049	0.00129	0.0269	0.014	0.00000587	14.4	0.0000149	0.000505	0.000167	0.00103
2055 Jan	112	0.086	0.284	0.00612	36.6	0.0388	27.5	0.00121	0.00106	0.0000055	0.0049	0.00129	0.0269	0.014	0.00000587	14.4	0.0000149	0.000505	0.000167	0.00103
2055 Feb	112	0.086	0.284	0.00612	36.6	0.0388	27.5	0.00121	0.00106	0.0000055	0.0049	0.00129	0.0269	0.014	0.00000587	14.4	0.0000149	0.000505	0.000167	0.00103
2055 Mar	112	0.086	0.284	0.00612	36.6	0.0388	27.5	0.00121	0.00106	0.0000055	0.0049	0.00129	0.0269	0.014	0.00000587	14.4	0.0000149	0.000505	0.000167	0.00103
2055 Apr	112	0.086	0.284	0.00612	36.6	0.0388	27.5	0.00121	0.00106	0.0000055	0.0049	0.00129	0.0269	0.014	0.00000587	14.5	0.0000149	0.000505	0.000167	0.00103
2055 May	112	0.086	0.284	0.00612	36.7	0.0388	27.5	0.00121	0.00106	0.0000055	0.0049	0.00129	0.0269	0.014	0.00000587	14.5	0.0000149	0.000506	0.000167	0.00103
2055 Jun	111	0.0857	0.283	0.00609	36.5	0.0388	27.6	0.00121	0.00106	0.00000549	0.00492	0.00129	0.0271	0.014	0.00000586	14.5	0.000015	0.000509	0.000167	0.00103
2055 Jul	111	0.0856	0.283	0.00609	36.5	0.0388	27.6	0.00121	0.00106	0.00000549	0.00492	0.0013	0.0271	0.014	0.00000586	14.5	0.000015	0.000511	0.000167	0.00103
2055 Aug	112	0.0858	0.283	0.0061	36.5	0.0389	27.7	0.00121	0.00106	0.0000055	0.00493	0.0013	0.0272	0.014	0.00000587	14.5	0.000015	0.000512	0.000168	0.00103
2055 Sep	112	0.0858	0.283	0.0061	36.5	0.0389	27.7	0.00121	0.00106	0.0000055	0.00493	0.0013	0.0272	0.014	0.00000587	14.5	0.000015	0.000512	0.000168	0.00104
2055 Oct	112	0.0858	0.283	0.00611	36.5	0.0389	27.7	0.00121	0.00106	0.0000055	0.00493	0.0013	0.0272	0.014	0.00000587	14.5	0.000015	0.000512	0.000168	0.00104
2055 Nov	112	0.0858	0.284	0.00611	36.6	0.0389	27.7	0.00121	0.00106	0.0000055	0.00493	0.0013	0.0272	0.014	0.00000587	14.5	0.000015	0.000512	0.000168	0.00104
2055 Dec	112	0.0858	0.284	0.00611	36.6	0.0389	27.7	0.00121	0.00106	0.0000055	0.00493	0.0013	0.0272	0.014	0.00000587	14.5	0.000015	0.000512	0.000168	0.00104
2056 Jan	112	0.0858	0.284	0.00611	36.6	0.0389	27.7	0.00121	0.00106	0.0000055	0.00493	0.0013	0.0272	0.014	0.00000587	14.5	0.000015	0.000512	0.000168	0.00104
2056 Feb	112	0.0858	0.284	0.00611	36.6	0.0389	27.7	0.00121	0.00106	0.0000055	0.00493	0.0013	0.0272	0.014	0.00000587	14.5	0.000015	0.000512	0.000168	0.00104
2056 Mar	112	0.0858	0.284	0.00611	36.6	0.0389	27.7	0.00121	0.00106	0.0000055	0.00493	0.0013	0.0272	0.014	0.00000587	14.5	0.000015	0.000512	0.000168	0.00104
2056 Apr	112	0.0858	0.284	0.00611	36.6	0.0389	27.7	0.00121	0.00106	0.0000055	0.00493	0.0013	0.0272	0.014	0.00000587	14.5	0.000015	0.000512	0.000168	0.00104
2056 May	112	0.0858	0.284	0.00611	36.6	0.039	27.7	0.00121	0.00106	0.0000055	0.00494	0.0013	0.0272	0.0141	0.00000588	14.5	0.000015	0.000513	0.000168	0.00104
2056 Jun	112	0.0856	0.282	0.00608	36.4	0.0389	27.7	0.00121	0.00106	0.00000549	0.00495	0.0013	0.0272	0.0141	0.00000587	14.6	0.0000151	0.000514	0.000169	0.00104
2056 Jul	112	0.0857	0.283	0.00609	36.5	0.0389	27.8	0.00121	0.00106	0.0000055	0.00495	0.0013	0.0273	0.0141	0.00000587	14.6	0.0000151	0.000515	0.000169	0.00104
2056 Aug	112	0.0859	0.283	0.0061	36.5	0.039	27.8	0.00121	0.00106	0.0000055	0.00496	0.00131	0.0273	0.0142	0.00000588	14.6	0.0000151	0.000516	0.000169	0.00104
2056 Sep	112	0.0859	0.283	0.00611	36.6	0.039	27.8	0.00121	0.00106	0.00000551	0.00496	0.00131	0.0274	0.0142	0.00000588	14.6	0.0000151	0.000516	0.000169	0.00104

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	112	0.0859	0.283	0.00611	36.6	0.039	27.9	0.00121	0.00106	0.00000551	0.00496	0.00131	0.0274	0.0142	0.00000588	14.6	0.0000151	0.000516	0.000169	0.00104
2056 Nov	112	0.0859	0.283	0.00611	36.6	0.039	27.9	0.00121	0.00106	0.00000551	0.00496	0.00131	0.0274	0.0142	0.00000588	14.6	0.0000151	0.000516	0.000169	0.00104
2056 Dec	112	0.0859	0.283	0.00611	36.6	0.039	27.9	0.00121	0.00106	0.00000551	0.00496	0.00131	0.0274	0.0142	0.00000588	14.6	0.0000151	0.000516	0.000169	0.00104
2057 Jan	112	0.0859	0.283	0.00611	36.6	0.039	27.9	0.00121	0.00106	0.00000551	0.00496	0.00131	0.0274	0.0142	0.00000588	14.6	0.0000151	0.000516	0.000169	0.00104
2057 Feb	112	0.0859	0.283	0.00611	36.6	0.039	27.9	0.00121	0.00106	0.00000551	0.00496	0.00131	0.0274	0.0142	0.00000588	14.6	0.0000151	0.000516	0.000169	0.00104
2057 Mar	112	0.0859	0.283	0.00611	36.6	0.039	27.9	0.00121	0.00106	0.00000551	0.00496	0.00131	0.0274	0.0142	0.00000588	14.6	0.0000151	0.000516	0.000169	0.00104
2057 Apr	112	0.0859	0.283	0.00611	36.6	0.039	27.9	0.00121	0.00106	0.00000551	0.00496	0.00131	0.0274	0.0142	0.00000588	14.6	0.0000151	0.000516	0.000169	0.00104
2057 May	112	0.086	0.284	0.00611	36.6	0.039	27.9	0.00121	0.00106	0.00000551	0.00496	0.00131	0.0274	0.0142	0.00000589	14.6	0.0000152	0.000517	0.000169	0.00104
2057 Jun	112	0.0858	0.282	0.00609	36.5	0.039	27.9	0.00121	0.00106	0.0000055	0.00497	0.00131	0.0275	0.0143	0.00000588	14.7	0.0000152	0.00052	0.000171	0.00104
2057 Jul	112	0.0859	0.282	0.00609	36.5	0.0391	27.9	0.00121	0.00106	0.00000551	0.00498	0.00131	0.0275	0.0143	0.00000588	14.7	0.0000152	0.00052	0.000171	0.00104
2057 Aug	112	0.0861	0.283	0.00611	36.6	0.0391	28	0.00121	0.00106	0.00000552	0.00499	0.00131	0.0276	0.0143	0.00000589	14.7	0.0000153	0.000522	0.000172	0.00104
2057 Sep	113	0.0861	0.283	0.00611	36.6	0.0392	28	0.00121	0.00106	0.00000552	0.00499	0.00132	0.0276	0.0143	0.0000059	14.8	0.0000153	0.000522	0.000172	0.00104
2057 Oct	113	0.0861	0.283	0.00612	36.6	0.0392	28.1	0.00121	0.00106	0.00000552	0.00499	0.00132	0.0276	0.0143	0.0000059	14.8	0.0000153	0.000522	0.000172	0.00104
2057 Nov	113	0.0861	0.283	0.00612	36.6	0.0392	28.1	0.00121	0.00106	0.00000552	0.00499	0.00132	0.0276	0.0143	0.0000059	14.8	0.0000153	0.000522	0.000172	0.00104
2057 Dec	113	0.0862	0.283	0.00612	36.6	0.0392	28.1	0.00121	0.00106	0.00000552	0.00499	0.00132	0.0276	0.0143	0.0000059	14.8	0.0000153	0.000522	0.000172	0.00104
2058 Jan	113	0.0862	0.283	0.00612	36.6	0.0392	28.1	0.00121	0.00106	0.00000552	0.00499	0.00132	0.0276	0.0143	0.0000059	14.8	0.0000153	0.000522	0.000172	0.00104
2058 Feb	113	0.0862	0.283	0.00612	36.6	0.0392	28.1	0.00121	0.00106	0.00000552	0.00499	0.00132	0.0276	0.0143	0.0000059	14.8	0.0000153	0.000522	0.000172	0.00104
2058 Mar	113	0.0862	0.283	0.00612	36.6	0.0392	28.1	0.00121	0.00106	0.00000552	0.00499	0.00132	0.0276	0.0143	0.0000059	14.8	0.0000153	0.000522	0.000172	0.00104
2058 Apr	113	0.0862	0.283	0.00612	36.6	0.0392	28.1	0.00121	0.00106	0.00000552	0.00499	0.00132	0.0276	0.0143	0.0000059	14.8	0.0000153	0.000522	0.000172	0.00104
2058 May	113	0.0862	0.283	0.00611	36.6	0.0392	28.1	0.00121	0.00106	0.00000552	0.005	0.00132	0.0277	0.0144	0.0000059	14.8	0.0000153	0.000525	0.000172	0.00105
2058 Jun	113	0.0859	0.281	0.00607	36.5	0.0393	28.2	0.00121	0.00106	0.00000551	0.00502	0.00133	0.028	0.0145	0.00000588	14.9	0.0000154	0.000534	0.000175	0.00105
2058 Jul	113	0.086	0.282	0.00608	36.5	0.0393	28.3	0.00121	0.00106	0.00000551	0.00502	0.00133	0.028	0.0145	0.00000589	14.9	0.0000154	0.000534	0.000175	0.00105
2058 Aug	113	0.0861	0.282	0.00609	36.6	0.0394	28.3	0.00121	0.00106	0.00000552	0.00503	0.00133	0.0281	0.0145	0.0000059	15	0.0000155	0.000535	0.000176	0.00105
2058 Sep	113	0.0862	0.282	0.0061	36.6	0.0394	28.4	0.00121	0.00106	0.00000552	0.00503	0.00133	0.0281	0.0145	0.0000059	15	0.0000155	0.000536	0.000176	0.00105
2058 Oct	113	0.0862	0.282	0.0061	36.6	0.0394	28.4	0.00121	0.00106	0.00000552	0.00503	0.00133	0.0281	0.0145	0.0000059	15	0.0000155	0.000536	0.000176	0.00105
2058 Nov	113	0.0862	0.282	0.0061	36.6	0.0394	28.4	0.00121	0.00106	0.00000552	0.00503	0.00133	0.0281	0.0146	0.0000059	15	0.0000155	0.000536	0.000176	0.00105
2058 Dec	113	0.0862	0.282	0.0061	36.6	0.0394	28.4	0.00121	0.00106	0.00000552	0.00503	0.00133	0.0281	0.0146	0.0000059	15	0.0000155	0.000536	0.000176	0.00105
2059 Jan	113	0.0862	0.282	0.0061	36.6	0.0394	28.4	0.00121	0.00106	0.00000552	0.00503	0.00133	0.0281	0.0146	0.0000059	15	0.0000155	0.000536	0.000176	0.00105
2059 Feb	113	0.0862	0.282	0.0061	36.6	0.0394	28.4	0.00121	0.00106	0.00000552	0.00503	0.00133	0.0281	0.0146	0.0000059	15	0.0000155	0.000536	0.000176	0.00105
2059 Mar	113	0.0862	0.282	0.0061	36.6	0.0394	28.4	0.00121	0.00106	0.00000552	0.00503	0.00133	0.0281	0.0146	0.0000059	15	0.0000155	0.000536	0.000176	0.00105
2059 Apr	113	0.0862	0.282	0.0061	36.6	0.0394	28.4	0.00121	0.00106	0.00000552	0.00503	0.00133	0.0281	0.0146	0.0000059	15	0.0000155	0.000536	0.000176	0.00105
2059 May	113	0.0862	0.282	0.0061	36.6	0.0394	28.4	0.00121	0.00106	0.00000552	0.00503	0.00133	0.0281	0.0146	0.0000059	15	0.0000155	0.000536	0.000176	0.00105
2059 Jun	113	0.0862	0.282	0.00609	36.6	0.0394	28.5	0.00121	0.00106	0.00000552	0.00504	0.00134	0.0282	0.0146	0.0000059	15.1	0.0000155	0.00054	0.000177	0.00106
2059 Jul	114	0.0864	0.283	0.0061	36.7	0.0395	28.6	0.00121	0.00106	0.00000553	0.00505	0.00134	0.0283	0.0147	0.00000591	15.1	0.0000156	0.000541	0.000178	0.00106
2059 Aug	114	0.0866	0.283	0.00612	36.7	0.0396	28.6	0.00121	0.00106	0.00000554	0.00506	0.00134	0.0284	0.0147	0.00000592	15.1	0.0000156	0.000542	0.000178	0.00106
2059 Sep	114	0.0866	0.283	0.00612	36.8	0.0396	28.6	0.00121	0.00106	0.00000554	0.00506	0.00134	0.0284	0.0147	0.00000592	15.1	0.0000156	0.000543	0.000178	0.00106
2059 Oct	114	0.0866	0.283	0.00612	36.7	0.0396	28.7	0.00121	0.00106	0.00000554	0.00506	0.00134	0.0284	0.0147	0.00000592	15.1	0.0000156	0.000543	0.000178	0.00106
2059 Nov	114	0.0866	0.283	0.00611	36.7	0.0396	28.7	0.00121	0.00106	0.00000554	0.00506	0.00134	0.0284	0.0147	0.00000592	15.1	0.0000156	0.000543	0.000178	0.00106
2059 Dec	114	0.0866	0.283	0.00611	36.7	0.0396	28.7	0.00121	0.00106	0.00000554	0.00506	0.00134	0.0284	0.0147	0.00000592	15.1	0.0000156	0.000543	0.000178	0.00106
2060 Jan	114	0.0866	0.283	0.00611	36.7	0.0396	28.7	0.00121	0.00106	0.00000554	0.00506	0.00134	0.0284	0.0147	0.00000592	15.1	0.0000156	0.000543	0.000178	0.00106
2060 Feb	114	0.0866	0.283	0.00611	36.7	0.0396	28.7	0.00121	0.00106	0.00000554	0.00506	0.00134	0.0284	0.0147	0.00000592	15.1	0.0000156	0.000543	0.000178	0.00106
2060 Mar	114	0.0866	0.283	0.00611	36.7	0.0396	28.7	0.00121	0.00106	0.00000554	0.00506	0.00134	0.0284	0.0147	0.00000592	15.1	0.0000156	0.000543	0.000178	0.00106
2060 Apr	114	0.0866	0.283	0.00612	36.7	0.0396	28.7	0.00121	0.00106	0.00000554	0.00506	0.00134	0.0284	0.0147	0.00000592	15.1	0.0000156	0.000544	0.000178	0.00106
2060 May	114	0.0866	0.283	0.00611	36.7	0.0396	28.7	0.00121	0.00106	0.00000554	0.00507	0.00134	0.0285	0.0148	0.00000592	15.2	0.0000156	0.000545	0.000179	0.00106
2060 Jun	114	0.0866	0.282	0.00609	36.6	0.0396	28.7	0.00121	0.00106	0.00000553	0.00508	0.00135	0.0286	0.0149	0.00000591	15.2	0.0000157	0.000549	0.000181	0.00106
2060 Jul	114	0.0867	0.282	0.0061	36.7	0.0397	28.8	0.00121	0.00106	0.00000554	0.00509	0.00135	0.0287	0.0149	0.00000592	15.3	0.0000157	0.00055	0.000181	0.00107
2060 Aug	114	0.0868	0.283	0.00611	36.8	0.0398	28.9	0.00121	0.00106	0.00000555	0.00509	0.00135	0.0287	0.0149	0.00000593	15.3	0.0000157	0.000551	0.000181	0.00107
2060 Sep	114	0.0868	0.282	0.00611	36.7	0.0398	28.9	0.00121	0.00106	0.00000554	0.00509	0.00135	0.0287	0.0149	0.00000592	15.3	0.0000157	0.000551	0.000181	0.00107
2060 Oct	114	0.0868	0.282	0.00611	36.7	0.0398	28.9	0.00121	0.00106	0.00000554	0.00509	0.00135	0.0287	0.0149	0.00000592	15.3	0.0000157	0.000552	0.000181	0.00107
2060 Nov	114	0.0868	0.282	0.00611	36.7	0.0398	28.9	0.00121	0.00106	0.00000554	0.00509	0.00135	0.0287	0.0149	0.00000592	15.3	0.0000157	0.000552	0.000182	0.00107
2060 Dec	114	0.0868	0.282	0.00611	36.7	0.0398	28.9	0.00121	0.00106	0.00000554	0.00509	0.00135	0.0287	0.0149	0.00000592	15.3	0.0000157	0.000552	0.000182	0.00107
2061 Jan	114	0.0868	0.282	0.00611	36.7	0.0398	28.9	0.00121	0.00106	0.00000554	0.00509	0.00135	0.0287	0.0149	0.00000592	15.3	0.0000157	0.000552	0.000182	0.00107
2061 Feb	114	0.0868	0.282	0.00611	36.7	0.0398	28.9	0.00121	0.00106	0.00000554	0.00509	0.00135	0.0287	0.0149	0.00000592	15.3	0.0000157	0.000552	0.000182	0.00107
2061 Mar	114	0.0868	0.282	0.00611	36.7	0.0398	28.9	0.00121	0.00106	0.00000554	0.00509	0.00135	0.0287	0.0149	0.00000592	15.3	0.0000157	0.000552	0.000182	0.00107
2061 Apr	114	0.0868	0.282	0.00611	36.7	0.0398	28.9	0.00121	0.00106	0.00000554	0.00509	0.00135	0.0287	0.0149	0.00000592	15.3	0.0000157	0.000552	0.000182	0.00107
2061 May	114	0.0868	0.282	0.0061	36.7	0.0398	29	0.00121	0.00106	0.00000554	0.0051	0.00136	0.0288	0.015	0.00000592	15.3	0.0000158	0.000554	0.000182	0.00107
2061 Jun	114	0.0866	0.28	0.00607	36.6	0.0398	29	0.00121	0.00106	0.00000552	0.0051	0.00136	0.0289	0.0151	0.00000591	15.4	0.0000158	0.000558	0.000184	0.00107
2061 Jul	115	0.0868	0.281	0.00608	36.6	0.0399	29.1	0.00121	0.00106	0.00000553	0.00511	0.00136	0.029	0.0151	0.00000592	15.4	0.0000158	0.000559	0.000184	0.00107
2061 Aug	115	0.0869	0.281	0.00609	36.7	0.0399	29.1	0.00121	0.00106	0.00000554	0.00512	0.00137	0.029	0.0151	0.00000593	15.5	0.0000158	0.00056	0.000185	0.00107
2061 Sep	115	0.087	0.282	0.0061	36.7	0.04	29.1	0.00121	0.00106	0.00000555	0.00512	0.00137	0.0291	0.0151	0.00000593	15.5	0.0000159	0.00056	0.000185	0.00107
2061 Oct	115	0.087	0.281	0.0061	36.7	0.0399	29.2	0.00121	0.00106	0.00000554	0.00512	0.00137	0.0291	0.0151	0.00000593	15.5	0.0000159	0.00056	0.000185	0.00107
2061 Nov	115	0.0869	0.281	0.00609	36.7	0.0399	29.2	0.00121	0.00106	0.00000554	0.00512	0.00137	0.0291	0.0151	0.00000592	15.5	0.0000159	0.000561	0.000185	0.00107
2061 Dec	115	0.0869	0.281	0.00609	36.7	0.0399	29.2	0.00121	0.00106	0.00000554	0.00512	0.00137	0.0291	0.0151	0.00000592	15.5	0.0000159	0.000561	0.000185	0.00107
2062 Jan	115	0.0869	0.281	0.00609	36.7	0.0399	29.2	0.00121	0.00106	0.00000554	0.00512	0.00137	0.0291	0.0151	0.00000592	15.5	0.0000159	0.000561	0.000185	0.00107
2062 Feb	115	0.0869	0.281	0.00609	36.7	0.0399	29.2	0.00121	0.00106	0.00000554	0.00512	0.00137	0.0291	0.0151	0.00000592	15.5	0.0000159	0.000561	0.000185	0.00107
2062 Mar	115	0.0869	0.281	0.00609	36.7	0.0399	29.2	0.00121	0.00106	0.00000554	0.00512	0.00137	0.0291	0.0151	0.00000592	15.5	0.0000159	0.000561	0.000185	0.00107
2062 Apr	115	0.087	0.281	0.0061	36.7	0.0399	29.2	0.00121	0.00106	0.00000554	0.00512	0.00137	0.0291	0.0151	0.00000593	15.5	0.0000159	0.000561	0.000185	0.00107
2062 May	115	0.087	0.281	0.0061	36.7	0.04	29.2	0.00121	0.00106	0.00000554	0.00512	0.00137	0.0291	0.0151	0.00000593	15.5	0.0000159	0.000561	0.000185	0.00107
2062 Jun	115	0.0868	0.28	0.00607	36.6	0.04	29.2	0.00121	0.00106	0.00000553	0.00513	0.00137	0.0292	0.0152	0.00000592	15.5	0.0000159	0.000564	0.000185	0.00107
2062 Jul	115	0.0867	0.28	0.00607	36.6	0.04	29.2	0.00121	0.00106	0.00000553	0.00514	0.00137	0.0292	0.0152	0.00000592	15.5	0.0000159	0.000565	0.000186	0.00108
2062 Aug	115	0.0868	0.28	0.00607	36.6	0.04	29.3	0.00121	0.00106	0.00000554	0.00515	0.00137	0.0293	0.0152	0.00000592	15.6	0.000016	0.000566	0.000186	0.00108
2062 Sep	115	0.0868	0.28	0.00607	36.6	0.04	29.3	0.00121	0.00106	0.00000553	0.00515	0.00137	0.0293	0.0152	0.00000592	15.6	0.000016	0.000566	0.000186	0.00108
2062 Oct	115	0.0865	0.279	0.00605	36.4	0.0399	29.3	0.0012	0.00106	0.00000552	0.00514	0.00137	0.0293	0.0152	0.0000059	15.5	0.000016	0.000567	0.000186	0.00107
2062 Nov	115	0.0865	0.278	0.00605	36.4	0.0399	29.3	0.0012	0.00106	0.00000552	0.00514	0.00137	0.0293	0.0152	0.0000059	15.5	0.000016	0.000567	0.000186	0.00107
2062 Dec	115	0.0865	0.278	0.00605	36.4	0.0399	29.3	0.0012	0.00106	0.00000552	0.00514	0.00137	0.0293	0.0152	0.0000059	15.5	0.000016	0.000567	0.000186	0.00107
2063 Jan	115	0.0865	0.278	0.00605	36.4	0.0399	29.3	0.0012	0.00106	0.00000552	0.00514	0.00137	0.0293	0.0152	0.0000059	15.5	0.000016	0.000567	0.000186	0.00107
2063 Feb	115	0.0865	0.278	0.00605	36.4	0.0399	29.3	0.0012	0.00106	0.00000552	0.00514	0.00137	0.0293	0.0152	0.0000059	15.5	0.000016	0.000567	0.000186	0.00107

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	115	0.0865	0.278	0.00605	36.4	0.0399	29.3	0.0012	0.00106	0.00000552	0.00514	0.00137	0.0293	0.0152	0.0000059	15.5	0.000016	0.000567	0.000186	0.00107
2063 Apr	115	0.0865	0.279	0.00605	36.4	0.0399	29.3	0.0012	0.00106	0.00000552	0.00514	0.00137	0.0293	0.0152	0.0000059	15.5	0.000016	0.000567	0.000186	0.00107
2063 May	115	0.0865	0.278	0.00605	36.4	0.04	29.3	0.0012	0.00106	0.00000552	0.00515	0.00137	0.0293	0.0152	0.0000059	15.5	0.000016	0.000567	0.000186	0.00107
2063 Jun	114	0.0861	0.275	0.00599	36.2	0.0398	29.1	0.00119	0.00105	0.00000549	0.00515	0.00137	0.0292	0.0153	0.00000587	15.6	0.000016	0.000567	0.000187	0.00107
2063 Jul	114	0.0861	0.275	0.00599	36.2	0.0398	29.2	0.00119	0.00105	0.00000549	0.00515	0.00137	0.0293	0.0153	0.00000587	15.6	0.000016	0.000568	0.000187	0.00107
2063 Aug	114	0.0863	0.276	0.006	36.2	0.0399	29.2	0.0012	0.00105	0.0000055	0.00516	0.00137	0.0293	0.0153	0.00000588	15.6	0.000016	0.000569	0.000187	0.00107
2063 Sep	114	0.0863	0.276	0.00601	36.3	0.0399	29.3	0.0012	0.00105	0.0000055	0.00516	0.00137	0.0293	0.0153	0.00000589	15.6	0.000016	0.000569	0.000188	0.00107
2063 Oct	114	0.0863	0.276	0.00601	36.3	0.0399	29.3	0.0012	0.00105	0.0000055	0.00516	0.00137	0.0293	0.0153	0.00000588	15.6	0.000016	0.000569	0.000188	0.00107
2063 Nov	114	0.0863	0.276	0.00601	36.3	0.0399	29.3	0.0012	0.00105	0.0000055	0.00516	0.00137	0.0294	0.0153	0.00000588	15.6	0.000016	0.000569	0.000188	0.00107
2063 Dec	114	0.0863	0.276	0.00601	36.3	0.0399	29.3	0.0012	0.00105	0.0000055	0.00516	0.00137	0.0294	0.0153	0.00000588	15.6	0.000016	0.000569	0.000188	0.00107
2064 Jan	114	0.0863	0.276	0.00601	36.3	0.0399	29.3	0.0012	0.00105	0.0000055	0.00516	0.00137	0.0294	0.0153	0.00000588	15.6	0.000016	0.000569	0.000188	0.00107
2064 Feb	114	0.0863	0.276	0.00601	36.3	0.0399	29.3	0.0012	0.00105	0.0000055	0.00516	0.00137	0.0294	0.0153	0.00000588	15.6	0.000016	0.000569	0.000188	0.00107
2064 Mar	114	0.0863	0.276	0.00601	36.3	0.0399	29.3	0.0012	0.00105	0.0000055	0.00516	0.00137	0.0294	0.0153	0.00000588	15.6	0.000016	0.000569	0.000188	0.00107
2064 Apr	114	0.0863	0.276	0.00601	36.3	0.0399	29.3	0.0012	0.00105	0.0000055	0.00516	0.00137	0.0294	0.0153	0.00000588	15.6	0.000016	0.000569	0.000188	0.00107
2064 May	114	0.0863	0.276	0.006	36.2	0.0399	29.3	0.0012	0.00105	0.0000055	0.00517	0.00138	0.0294	0.0153	0.00000588	15.6	0.0000161	0.000571	0.000188	0.00108
2064 Jun	114	0.0859	0.274	0.00596	36	0.0398	29.3	0.00119	0.00105	0.00000548	0.00517	0.00138	0.0295	0.0154	0.00000587	15.7	0.0000161	0.000575	0.00019	0.00108
2064 Jul	114	0.0861	0.274	0.00597	36.1	0.0399	29.4	0.00119	0.00105	0.00000549	0.00518	0.00138	0.0295	0.0155	0.00000587	15.7	0.0000161	0.000576	0.00019	0.00108
2064 Aug	115	0.0862	0.274	0.00598	36.1	0.0399	29.4	0.00119	0.00105	0.00000549	0.00518	0.00138	0.0296	0.0155	0.00000588	15.8	0.0000161	0.000576	0.00019	0.00108
2064 Sep	115	0.0862	0.274	0.00598	36.1	0.0399	29.4	0.00119	0.00105	0.00000549	0.00518	0.00138	0.0296	0.0155	0.00000588	15.8	0.0000161	0.000577	0.00019	0.00108
2064 Oct	115	0.0862	0.274	0.00598	36.2	0.04	29.4	0.00119	0.00105	0.00000549	0.00519	0.00138	0.0296	0.0155	0.00000588	15.8	0.0000162	0.000577	0.000191	0.00108
2064 Nov	115	0.0862	0.274	0.00598	36.2	0.04	29.4	0.00119	0.00105	0.00000549	0.00519	0.00138	0.0296	0.0155	0.00000588	15.8	0.0000162	0.000577	0.000191	0.00108
2064 Dec	115	0.0862	0.274	0.00598	36.2	0.04	29.4	0.00119	0.00105	0.00000549	0.00519	0.00138	0.0296	0.0155	0.00000588	15.8	0.0000162	0.000577	0.000191	0.00108
2065 Jan	115	0.0862	0.274	0.00598	36.2	0.04	29.4	0.00119	0.00105	0.00000549	0.00519	0.00138	0.0296	0.0155	0.00000588	15.8	0.0000162	0.000577	0.000191	0.00108
2065 Feb	115	0.0862	0.274	0.00598	36.2	0.04	29.4	0.00119	0.00105	0.00000549	0.00519	0.00138	0.0296	0.0155	0.00000588	15.8	0.0000162	0.000577	0.000191	0.00108
2065 Mar	115	0.0862	0.274	0.00598	36.2	0.04	29.5	0.00119	0.00105	0.00000549	0.00519	0.00138	0.0296	0.0155	0.00000588	15.8	0.0000162	0.000577	0.000191	0.00108
2065 Apr	115	0.0862	0.274	0.00598	36.2	0.04	29.5	0.00119	0.00105	0.00000549	0.00519	0.00138	0.0296	0.0155	0.00000588	15.8	0.0000162	0.000577	0.000191	0.00108
2065 May	115	0.0862	0.274	0.00598	36.2	0.04	29.5	0.00119	0.00105	0.0000055	0.00519	0.00138	0.0297	0.0155	0.00000588	15.8	0.0000162	0.000578	0.000191	0.00108
2065 Jun	115	0.0861	0.273	0.00596	36.1	0.04	29.5	0.00119	0.00105	0.00000549	0.00519	0.00139	0.0298	0.0156	0.00000587	15.9	0.0000162	0.000582	0.000192	0.00108
2065 Jul	115	0.0862	0.274	0.00597	36.1	0.0401	29.6	0.00119	0.00105	0.0000055	0.0052	0.00139	0.0299	0.0156	0.00000588	15.9	0.0000162	0.000584	0.000193	0.00108
2065 Aug	115	0.0864	0.274	0.00598	36.2	0.0402	29.7	0.00119	0.00105	0.0000055	0.00521	0.00139	0.0299	0.0156	0.00000589	15.9	0.0000163	0.000585	0.000193	0.00109
2065 Sep	115	0.0864	0.274	0.00598	36.2	0.0401	29.7	0.00119	0.00105	0.0000055	0.00521	0.00139	0.0299	0.0156	0.00000589	15.9	0.0000163	0.000585	0.000193	0.00108
2065 Oct	115	0.0862	0.273	0.00597	36.1	0.0401	29.7	0.00119	0.00105	0.00000549	0.00521	0.00139	0.03	0.0156	0.00000588	15.9	0.0000163	0.000587	0.000193	0.00108
2065 Nov	115	0.0862	0.273	0.00597	36.1	0.0401	29.7	0.00119	0.00105	0.00000549	0.00521	0.00139	0.03	0.0156	0.00000588	15.9	0.0000163	0.000587	0.000193	0.00108
2065 Dec	115	0.0862	0.273	0.00597	36.1	0.0401	29.7	0.00119	0.00105	0.00000549	0.00521	0.00139	0.03	0.0156	0.00000588	15.9	0.0000163	0.000587	0.000193	0.00108
2066 Jan	115	0.0862	0.273	0.00597	36.1	0.0401	29.7	0.00119	0.00105	0.00000549	0.00521	0.00139	0.03	0.0156	0.00000588	15.9	0.0000163	0.000587	0.000193	0.00108
2066 Feb	115	0.0862	0.273	0.00597	36.1	0.0401	29.7	0.00119	0.00105	0.00000549	0.00521	0.00139	0.03	0.0156	0.00000588	15.9	0.0000163	0.000587	0.000193	0.00108
2066 Mar	115	0.0862	0.273	0.00597	36.1	0.0401	29.7	0.00119	0.00105	0.00000549	0.00521	0.00139	0.03	0.0156	0.00000588	15.9	0.0000163	0.000587	0.000193	0.00108
2066 Apr	115	0.0863	0.273	0.00597	36.1	0.0401	29.7	0.00119	0.00105	0.00000549	0.00521	0.00139	0.03	0.0157	0.00000588	15.9	0.0000163	0.000587	0.000193	0.00108
2066 May	115	0.0863	0.273	0.00597	36.1	0.0402	29.8	0.00119	0.00105	0.00000549	0.00521	0.00139	0.03	0.0157	0.00000588	15.9	0.0000163	0.000588	0.000193	0.00109
2066 Jun	115	0.086	0.271	0.00593	35.9	0.0401	29.7	0.00119	0.00105	0.00000548	0.00523	0.0014	0.0301	0.0157	0.00000586	16	0.0000163	0.00059	0.000194	0.00108
2066 Jul	115	0.0861	0.272	0.00594	36	0.0402	29.8	0.00119	0.00105	0.00000549	0.00524	0.0014	0.0302	0.0157	0.00000587	16	0.0000164	0.000591	0.000194	0.00109
2066 Aug	115	0.0863	0.272	0.00595	36.1	0.0403	29.9	0.00119	0.00105	0.0000055	0.00525	0.0014	0.0302	0.0158	0.00000588	16	0.0000164	0.000593	0.000195	0.00109
2066 Sep	115	0.0863	0.272	0.00596	36.1	0.0403	29.9	0.00119	0.00105	0.0000055	0.00525	0.0014	0.0302	0.0158	0.00000589	16	0.0000164	0.000593	0.000195	0.00109
2066 Oct	115	0.0863	0.272	0.00596	36.1	0.0403	29.9	0.00119	0.00105	0.00000549	0.00524	0.0014	0.0302	0.0158	0.00000588	16	0.0000164	0.000593	0.000195	0.00109
2066 Nov	115	0.0863	0.272	0.00596	36.1	0.0403	29.9	0.00119	0.00105	0.00000549	0.00525	0.0014	0.0303	0.0158	0.00000588	16	0.0000164	0.000593	0.000195	0.00109
2066 Dec	115	0.0863	0.272	0.00596	36.1	0.0403	29.9	0.00119	0.00105	0.00000549	0.00525	0.0014	0.0303	0.0158	0.00000588	16	0.0000164	0.000593	0.000195	0.00109
2067 Jan	115	0.0863	0.272	0.00596	36.1	0.0403	29.9	0.00119	0.00105	0.00000549	0.00525	0.0014	0.0303	0.0158	0.00000588	16	0.0000164	0.000593	0.000195	0.00109
2067 Feb	115	0.0863	0.272	0.00596	36.1	0.0403	29.9	0.00119	0.00105	0.00000549	0.00525	0.0014	0.0303	0.0158	0.00000588	16	0.0000164	0.000593	0.000195	0.00109
2067 Mar	115	0.0863	0.272	0.00596	36.1	0.0403	29.9	0.00119	0.00105	0.00000549	0.00525	0.0014	0.0303	0.0158	0.00000588	16	0.0000164	0.000593	0.000195	0.00109
2067 Apr	115	0.0863	0.272	0.00596	36.1	0.0403	29.9	0.00119	0.00105	0.0000055	0.00525	0.0014	0.0303	0.0158	0.00000588	16	0.0000164	0.000593	0.000195	0.00109
2067 May	115	0.0864	0.272	0.00596	36.1	0.0403	29.9	0.00119	0.00105	0.0000055	0.00525	0.0014	0.0303	0.0158	0.00000589	16	0.0000164	0.000594	0.000195	0.00109
2067 Jun	115	0.0862	0.271	0.00594	36	0.0403	30	0.00119	0.00105	0.00000549	0.00526	0.0014	0.0304	0.0158	0.00000588	16.1	0.0000165	0.000596	0.000195	0.00109
2067 Jul	116	0.0864	0.272	0.00595	36.1	0.0404	30	0.00119	0.00105	0.0000055	0.00527	0.00141	0.0304	0.0158	0.00000589	16.1	0.0000165	0.000597	0.000196	0.00109
2067 Aug	116	0.0865	0.272	0.00596	36.1	0.0405	30.1	0.00119	0.00105	0.00000551	0.00527	0.00141	0.0305	0.0159	0.0000059	16.1	0.0000165	0.000598	0.000196	0.00109
2067 Sep	116	0.0866	0.273	0.00597	36.1	0.0405	30.1	0.00119	0.00105	0.00000551	0.00528	0.00141	0.0305	0.0159	0.0000059	16.1	0.0000165	0.000599	0.000196	0.00109
2067 Oct	116	0.0865	0.272	0.00596	36.1	0.0405	30.2	0.00119	0.00105	0.0000055	0.00528	0.00141	0.0305	0.0159	0.00000589	16.1	0.0000165	0.000599	0.000196	0.00109
2067 Nov	116	0.0865	0.272	0.00596	36.1	0.0405	30.2	0.00119	0.00105	0.0000055	0.00528	0.00141	0.0306	0.0159	0.00000589	16.1	0.0000165	0.0006	0.000196	0.00109
2067 Dec	116	0.0865	0.272	0.00596	36.1	0.0405	30.2	0.00119	0.00105	0.0000055	0.00528	0.00141	0.0306	0.0159	0.00000589	16.1	0.0000165	0.0006	0.000196	0.00109
2068 Jan	116	0.0865	0.272	0.00596	36.1	0.0405	30.2	0.00119	0.00105	0.0000055	0.00528	0.00141	0.0306	0.0159	0.00000589	16.1	0.0000165	0.0006	0.000196	0.00109
2068 Feb	116	0.0865	0.272	0.00596	36.1	0.0405	30.2	0.00119	0.00105	0.0000055	0.00528	0.00141	0.0306	0.0159	0.00000589	16.1	0.0000165	0.0006	0.000196	0.00109
2068 Mar	116	0.0865	0.272	0.00596	36.1	0.0405	30.2	0.00119	0.00105	0.00000551	0.00528	0.00141	0.0306	0.0159	0.0000059	16.1	0.0000165	0.0006	0.000196	0.00109
2068 Apr	116	0.0865	0.272	0.00596	36.1	0.0405	30.2	0.00119	0.00105	0.00000551	0.00528	0.00141	0.0306	0.0159	0.0000059	16.1	0.0000165	0.0006	0.000196	0.00109
2068 May	116	0.0865	0.272	0.00596	36.1	0.0405	30.2	0.00119	0.00105	0.00000551	0.00528	0.00141	0.0306	0.0159	0.0000059	16.2	0.0000166	0.000601	0.000197	0.0011
2068 Jun	116	0.0861	0.269	0.00591	35.9	0.0404	30.2	0.00118	0.00105	0.00000549	0.00529	0.00141	0.0306	0.016	0.00000587	16.2	0.0000166	0.000604	0.000199	0.0011
2068 Jul	116	0.0863	0.27	0.00592	35.9	0.0405	30.2	0.00119	0.00105	0.00000549	0.00529	0.00142	0.0307	0.016	0.00000588	16.3	0.0000166	0.000605	0.000199	0.0011
2068 Aug	116	0.0864	0.27	0.00593	36	0.0406	30.3	0.00119	0.00105	0.0000055	0.0053	0.00142	0.0308	0.0161	0.00000589	16.3	0.0000166	0.000606	0.000199	0.0011
2068 Sep	116	0.0865	0.27	0.00594	36	0.0406	30.3	0.00119	0.00105	0.0000055	0.0053	0.00142	0.0308	0.0161	0.00000589	16.3	0.0000166	0.000606	0.000199	0.0011
2068 Oct	116	0.0865	0.27	0.00594	36	0.0406	30.3	0.00119	0.00105	0.0000055	0.00531	0.00142	0.0308	0.0161	0.00000589	16.3	0.0000167	0.000607	0.000199	0.0011
2068 Nov	116	0.0865	0.271	0.00594	36	0.0406	30.3	0.00119	0.00105	0.0000055	0.00531	0.00142	0.0308	0.0161	0.00000589	16.3	0.0000167	0.000607	0.000199	0.0011
2068 Dec	116	0.0865	0.271	0.00594	36	0.0406	30.3	0.00119	0.00105	0.0000055	0.00531	0.00142	0.0308	0.0161	0.00000589	16.3	0.0000167	0.000607	0.0002	0.0011
2069 Jan	116	0.0865	0.271	0.00594	36	0.0406	30.3	0.00119	0.00105	0.0000055	0.00531	0.00142	0.0308	0.0161	0.00000589	16.3	0.0000167	0.000607	0.0002	0.0011
2069 Feb	116	0.0865	0.271	0.00594	36	0.0406	30.3	0.00119	0.00105	0.0000055	0.00531	0.00142	0.0308	0.0161	0.00000589	16.3	0.0000167	0.000607	0.0002	0.0011
2069 Mar	116	0.0865	0.271	0.00594	36	0.0406	30.3	0.00119	0.00105	0.0000055	0.00531	0.00142	0.0308	0.0161	0.00000589	16.3	0.0000167	0.000607	0.0002	0.0011
2069 Apr	116	0.0865	0.271	0.00594	36	0.0406	30.3	0.00119	0.00105	0.0000055	0.00531	0.00142	0.0308	0.0161	0.00000589	16.3	0.0000167	0.000607	0.0002	0.0011
2069 May	116	0.0866	0.271	0.00594	36.1	0.0406	30.3	0.00119	0.00105	0.00000551	0.00531	0.00142	0.0308	0.0161	0.0000059	16.3	0.0000167	0.000607	0.0002	0.0011
2069 Jun	116	0.0863	0.269	0.00592	35.9	0.0406	30.4	0.00119	0.00105	0.0000055	0.00532	0.00142	0.0309	0.0161	0.00000589	16.3	0.0000167	0.00061	0.0002	0.0011
2069 Jul	116	0.0864	0.27	0.00592	36	0.0407	30.4	0.00119	0.00105	0.00000551	0.00533	0.00143	0.0309	0.0161	0.0000059	16.4	0.0000167	0.000611	0.000201	0.0011

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	116	0.0865	0.27	0.00593	36	0.0407	30.5	0.00119	0.00105	0.00000551	0.00533	0.00143	0.031	0.0162	0.0000059	16.4	0.0000168	0.000612	0.000201	0.0011
2069 Sep	116	0.0865	0.27	0.00593	36	0.0407	30.5	0.00119	0.00105	0.00000551	0.00533	0.00143	0.031	0.0162	0.0000059	16.4	0.0000168	0.000612	0.000201	0.0011
2069 Oct	116	0.0863	0.269	0.00592	35.9	0.0407	30.5	0.00119	0.00105	0.0000055	0.00533	0.00143	0.031	0.0162	0.00000589	16.4	0.0000168	0.000612	0.000201	0.0011
2069 Nov	116	0.0863	0.269	0.00592	35.9	0.0407	30.5	0.00119	0.00105	0.0000055	0.00533	0.00143	0.031	0.0162	0.00000589	16.4	0.0000168	0.000613	0.000201	0.0011
2069 Dec	116	0.0863	0.269	0.00592	35.9	0.0407	30.5	0.00119	0.00105	0.0000055	0.00533	0.00143	0.031	0.0162	0.00000589	16.4	0.0000168	0.000613	0.000201	0.0011
2070 Jan	116	0.0863	0.269	0.00592	35.9	0.0407	30.5	0.00119	0.00105	0.0000055	0.00533	0.00143	0.031	0.0162	0.00000589	16.4	0.0000168	0.000613	0.000201	0.0011
2070 Feb	116	0.0863	0.269	0.00592	35.9	0.0407	30.5	0.00119	0.00105	0.0000055	0.00533	0.00143	0.031	0.0162	0.00000589	16.4	0.0000168	0.000613	0.000201	0.0011
2070 Mar	116	0.0863	0.269	0.00592	35.9	0.0407	30.5	0.00119	0.00105	0.0000055	0.00533	0.00143	0.031	0.0162	0.00000589	16.4	0.0000168	0.000613	0.000201	0.0011
2070 Apr	116	0.0864	0.269	0.00592	35.9	0.0407	30.5	0.00119	0.00105	0.0000055	0.00533	0.00143	0.031	0.0162	0.00000589	16.4	0.0000168	0.000613	0.000201	0.0011
2070 May	116	0.0864	0.269	0.00592	35.9	0.0407	30.5	0.00119	0.00105	0.0000055	0.00534	0.00143	0.0311	0.0162	0.00000589	16.4	0.0000168	0.000613	0.000201	0.0011
2070 Jun	116	0.0863	0.268	0.0059	35.8	0.0407	30.5	0.00118	0.00105	0.00000549	0.00534	0.00143	0.0311	0.0162	0.00000588	16.4	0.0000168	0.000614	0.000202	0.0011
2070 Jul	116	0.0864	0.268	0.00591	35.9	0.0407	30.5	0.00119	0.00105	0.0000055	0.00535	0.00143	0.0311	0.0162	0.00000589	16.4	0.0000168	0.000615	0.000202	0.0011
2070 Aug	116	0.0865	0.269	0.00592	35.9	0.0408	30.6	0.00119	0.00105	0.00000551	0.00536	0.00143	0.0312	0.0163	0.0000059	16.5	0.0000169	0.000616	0.000202	0.00111
2070 Sep	116	0.0865	0.269	0.00592	35.9	0.0408	30.6	0.00119	0.00105	0.0000055	0.00536	0.00143	0.0312	0.0163	0.0000059	16.5	0.0000169	0.000616	0.000202	0.00111
2070 Oct	116	0.0865	0.268	0.00591	35.9	0.0408	30.6	0.00119	0.00105	0.0000055	0.00536	0.00143	0.0312	0.0163	0.00000589	16.5	0.0000169	0.000617	0.000202	0.00111
2070 Nov	116	0.0865	0.268	0.00591	35.9	0.0408	30.6	0.00118	0.00105	0.0000055	0.00536	0.00143	0.0312	0.0163	0.00000589	16.5	0.0000169	0.000617	0.000202	0.00111
2070 Dec	116	0.0865	0.268	0.00591	35.9	0.0408	30.6	0.00118	0.00105	0.0000055	0.00536	0.00143	0.0312	0.0163	0.00000589	16.5	0.0000169	0.000617	0.000202	0.00111
2071 Jan	116	0.0865	0.268	0.00591	35.9	0.0408	30.6	0.00118	0.00105	0.0000055	0.00536	0.00143	0.0312	0.0163	0.00000589	16.5	0.0000169	0.000617	0.000202	0.00111
2071 Feb	116	0.0865	0.268	0.00591	35.9	0.0408	30.6	0.00118	0.00105	0.0000055	0.00536	0.00143	0.0312	0.0163	0.00000589	16.5	0.0000169	0.000617	0.000203	0.00111
2071 Mar	116	0.0865	0.268	0.00591	35.9	0.0408	30.6	0.00118	0.00105	0.0000055	0.00536	0.00143	0.0312	0.0163	0.00000589	16.5	0.0000169	0.000617	0.000203	0.00111
2071 Apr	116	0.0865	0.268	0.00591	35.9	0.0408	30.6	0.00119	0.00105	0.0000055	0.00536	0.00143	0.0312	0.0163	0.00000589	16.5	0.0000169	0.000617	0.000203	0.00111
2071 May	116	0.0865	0.268	0.00591	35.9	0.0408	30.6	0.00118	0.00105	0.0000055	0.00536	0.00143	0.0312	0.0163	0.00000589	16.5	0.0000169	0.000617	0.000203	0.00111
2071 Jun	116	0.0863	0.267	0.00588	35.8	0.0407	30.6	0.00118	0.00105	0.00000549	0.00536	0.00144	0.0312	0.0163	0.00000588	16.5	0.0000169	0.000618	0.000204	0.00111
2071 Jul	116	0.0864	0.267	0.00589	35.8	0.0408	30.6	0.00118	0.00105	0.00000549	0.00537	0.00144	0.0312	0.0164	0.00000588	16.5	0.0000169	0.000619	0.000204	0.00111
2071 Aug	117	0.0866	0.267	0.0059	35.9	0.0408	30.7	0.00118	0.00105	0.0000055	0.00538	0.00144	0.0313	0.0164	0.00000589	16.6	0.0000169	0.00062	0.000204	0.00111
2071 Sep	117	0.0866	0.267	0.0059	35.9	0.0408	30.7	0.00118	0.00105	0.0000055	0.00537	0.00144	0.0313	0.0164	0.00000589	16.6	0.0000169	0.00062	0.000204	0.00111
2071 Oct	117	0.0866	0.267	0.0059	35.9	0.0408	30.7	0.00118	0.00105	0.00000549	0.00537	0.00144	0.0313	0.0164	0.00000589	16.6	0.0000169	0.00062	0.000204	0.00111
2071 Nov	117	0.0866	0.267	0.0059	35.9	0.0408	30.7	0.00118	0.00105	0.00000549	0.00537	0.00144	0.0313	0.0164	0.00000589	16.6	0.0000169	0.00062	0.000204	0.00111
2071 Dec	117	0.0866	0.267	0.0059	35.9	0.0408	30.7	0.00118	0.00105	0.00000549	0.00537	0.00144	0.0313	0.0164	0.00000589	16.6	0.0000169	0.00062	0.000204	0.00111
2072 Jan	117	0.0866	0.267	0.0059	35.9	0.0408	30.7	0.00118	0.00105	0.00000549	0.00537	0.00144	0.0313	0.0164	0.00000589	16.6	0.0000169	0.00062	0.000204	0.00111
2072 Feb	117	0.0866	0.267	0.0059	35.9	0.0408	30.7	0.00118	0.00105	0.00000549	0.00537	0.00144	0.0313	0.0164	0.00000589	16.6	0.0000169	0.00062	0.000204	0.00111
2072 Mar	117	0.0866	0.267	0.0059	35.9	0.0408	30.7	0.00118	0.00105	0.00000549	0.00537	0.00144	0.0313	0.0164	0.00000589	16.6	0.0000169	0.00062	0.000204	0.00111
2072 Apr	117	0.0866	0.267	0.0059	35.9	0.0408	30.7	0.00118	0.00105	0.00000549	0.00537	0.00144	0.0313	0.0164	0.00000589	16.6	0.0000169	0.00062	0.000204	0.00111
2072 May	117	0.0866	0.267	0.0059	35.9	0.0408	30.8	0.00118	0.00105	0.0000055	0.00538	0.00144	0.0313	0.0164	0.00000589	16.6	0.0000169	0.00062	0.000204	0.00111
2072 Jun	117	0.0865	0.267	0.00589	35.8	0.0408	30.7	0.00118	0.00105	0.00000549	0.00538	0.00144	0.0314	0.0164	0.00000589	16.6	0.000017	0.000621	0.000205	0.00111
2072 Jul	117	0.0866	0.267	0.00589	35.8	0.0409	30.8	0.00118	0.00105	0.0000055	0.00539	0.00144	0.0314	0.0164	0.00000589	16.6	0.000017	0.000622	0.000205	0.00111
2072 Aug	117	0.0866	0.266	0.00589	35.8	0.0409	30.8	0.00118	0.00105	0.0000055	0.0054	0.00144	0.0314	0.0164	0.00000589	16.6	0.000017	0.000623	0.000205	0.00111
2072 Sep	117	0.0865	0.266	0.00589	35.8	0.0409	30.8	0.00118	0.00105	0.0000055	0.0054	0.00144	0.0314	0.0164	0.00000589	16.6	0.000017	0.000623	0.000205	0.00111
2072 Oct	116	0.0864	0.266	0.00588	35.7	0.0409	30.8	0.00118	0.00105	0.00000549	0.00539	0.00144	0.0314	0.0164	0.00000588	16.6	0.000017	0.000622	0.000205	0.00111
2072 Nov	116	0.0864	0.266	0.00588	35.7	0.0409	30.8	0.00118	0.00105	0.00000549	0.00539	0.00144	0.0314	0.0164	0.00000588	16.6	0.000017	0.000622	0.000205	0.00111
2072 Dec	116	0.0864	0.266	0.00588	35.7	0.0409	30.8	0.00118	0.00105	0.00000549	0.00539	0.00144	0.0314	0.0164	0.00000588	16.6	0.000017	0.000622	0.000205	0.00111
2073 Jan	116	0.0864	0.266	0.00588	35.7	0.0409	30.8	0.00118	0.00105	0.00000549	0.00539	0.00144	0.0314	0.0164	0.00000588	16.6	0.000017	0.000622	0.000205	0.00111
2073 Feb	116	0.0864	0.266	0.00588	35.7	0.0409	30.8	0.00118	0.00105	0.00000549	0.00539	0.00144	0.0314	0.0164	0.00000588	16.6	0.000017	0.000622	0.000205	0.00111
2073 Mar	116	0.0864	0.266	0.00588	35.7	0.0409	30.8	0.00118	0.00105	0.00000549	0.00539	0.00144	0.0314	0.0164	0.00000588	16.6	0.000017	0.000623	0.000205	0.00111
2073 Apr	117	0.0864	0.266	0.00588	35.7	0.0409	30.8	0.00118	0.00105	0.00000549	0.0054	0.00144	0.0314	0.0164	0.00000588	16.6	0.000017	0.000623	0.000205	0.00111
2073 May	116	0.0864	0.265	0.00587	35.7	0.0409	30.8	0.00118	0.00105	0.00000549	0.0054	0.00144	0.0315	0.0164	0.00000588	16.6	0.000017	0.000624	0.000205	0.00111
2073 Jun	116	0.0862	0.264	0.00585	35.6	0.0409	30.8	0.00118	0.00105	0.00000548	0.0054	0.00144	0.0315	0.0165	0.00000587	16.7	0.000017	0.000625	0.000206	0.00111
2073 Jul	117	0.0863	0.264	0.00585	35.6	0.0409	30.9	0.00118	0.00105	0.00000549	0.00541	0.00145	0.0316	0.0165	0.00000588	16.7	0.000017	0.000626	0.000206	0.00111
2073 Aug	117	0.0864	0.265	0.00586	35.7	0.041	30.9	0.00118	0.00105	0.00000549	0.00542	0.00145	0.0316	0.0165	0.00000589	16.7	0.0000171	0.000627	0.000206	0.00111
2073 Sep	117	0.0865	0.265	0.00587	35.7	0.041	30.9	0.00118	0.00105	0.00000549	0.00542	0.00145	0.0316	0.0165	0.00000589	16.7	0.0000171	0.000627	0.000206	0.00111
2073 Oct	117	0.0864	0.265	0.00586	35.7	0.041	30.9	0.00118	0.00105	0.00000549	0.00541	0.00145	0.0316	0.0165	0.00000588	16.7	0.0000171	0.000627	0.000206	0.00111
2073 Nov	117	0.0864	0.265	0.00586	35.7	0.041	30.9	0.00118	0.00105	0.00000549	0.00542	0.00145	0.0316	0.0165	0.00000588	16.7	0.0000171	0.000628	0.000206	0.00111
2073 Dec	117	0.0864	0.265	0.00586	35.7	0.041	30.9	0.00118	0.00105	0.00000549	0.00542	0.00145	0.0316	0.0165	0.00000588	16.7	0.0000171	0.000628	0.000206	0.00111
2074 Jan	117	0.0864	0.265	0.00586	35.7	0.041	30.9	0.00118	0.00105	0.00000549	0.00542	0.00145	0.0316	0.0165	0.00000588	16.7	0.0000171	0.000628	0.000206	0.00111
2074 Feb	117	0.0864	0.265	0.00586	35.7	0.041	30.9	0.00118	0.00105	0.00000549	0.00542	0.00145	0.0316	0.0165	0.00000588	16.7	0.0000171	0.000628	0.000206	0.00111
2074 Mar	117	0.0864	0.265	0.00586	35.7	0.041	31	0.00118	0.00105	0.00000549	0.00542	0.00145	0.0316	0.0165	0.00000588	16.7	0.0000171	0.000628	0.000206	0.00111
2074 Apr	117	0.0864	0.265	0.00586	35.7	0.041	31	0.00118	0.00105	0.00000549	0.00542	0.00145	0.0316	0.0165	0.00000588	16.7	0.0000171	0.000628	0.000206	0.00111
2074 May	117	0.0864	0.264	0.00585	35.6	0.041	31	0.00118	0.00105	0.00000549	0.00542	0.00145	0.0317	0.0166	0.00000588	16.8	0.0000171	0.00063	0.000208	0.00111
2074 Jun	117	0.0861	0.262	0.00581	35.5	0.0409	30.9	0.00117	0.00104	0.00000547	0.00543	0.00146	0.0317	0.0167	0.00000586	16.8	0.0000171	0.000633	0.00021	0.00111
2074 Jul	117	0.0863	0.262	0.00582	35.5	0.041	31	0.00117	0.00105	0.00000548	0.00544	0.00146	0.0318	0.0168	0.00000587	16.9	0.0000172	0.000634	0.00021	0.00112
2074 Aug	117	0.0865	0.263	0.00583	35.6	0.0411	31.1	0.00118	0.00105	0.00000549	0.00545	0.00146	0.0319	0.0168	0.00000588	16.9	0.0000172	0.000635	0.00021	0.00112
2074 Sep	117	0.0865	0.263	0.00584	35.6	0.0411	31.1	0.00118	0.00105	0.00000549	0.00544	0.00146	0.0319	0.0168	0.00000588	16.9	0.0000172	0.000635	0.00021	0.00112
2074 Oct	117	0.0865	0.263	0.00584	35.6	0.0411	31.1	0.00118	0.00105	0.00000548	0.00544	0.00146	0.0319	0.0168	0.00000588	16.9	0.0000172	0.000636	0.00021	0.00112
2074 Nov	117	0.0865	0.263	0.00583	35.6	0.0411	31.1	0.00118	0.00105	0.00000548	0.00544	0.00146	0.0319	0.0168	0.00000588	16.9	0.0000172	0.000636	0.00021	0.00112
2074 Dec	117	0.0865	0.263	0.00583	35.6	0.0411	31.1	0.00118	0.00105	0.00000548	0.00544	0.00146	0.0319	0.0168	0.00000588	16.9	0.0000172	0.000636	0.00021	0.00112
2075 Jan	117	0.0865	0.263	0.00583	35.6	0.0411	31.1	0.00118	0.00105	0.00000548	0.00544	0.00146	0.0319	0.0168	0.00000588	16.9	0.0000172	0.000636	0.00021	0.00112
2075 Feb	117	0.0865	0.263	0.00583	35.6	0.0411	31.1	0.00118	0.00105	0.00000548	0.00544	0.00146	0.0319	0.0168	0.00000588	16.9	0.0000172	0.000636	0.00021	0.00112
2075 Mar	117	0.0865	0.263	0.00583	35.6	0.0411	31.1	0.00118	0.00105	0.00000548	0.00544	0.00146	0.0319	0.0168	0.00000588	16.9	0.0000172	0.000636	0.00021	0.00112
2075 Apr	117	0.0865	0.263	0.00584	35.6	0.0411	31.1	0.00118	0.00105	0.00000549	0.00544	0.00146	0.0319	0.0168	0.00000588	16.9	0.0000172	0.000636	0.000211	0.00112
2075 May	117	0.0865	0.263	0.00584	35.6	0.0411	31.2	0.00118	0.00105	0.00000549	0.00545	0.00146	0.0319	0.0168	0.00000588	16.9	0.0000172	0.000636	0.000211	0.00112
2075 Jun	117	0.0862	0.261	0.00581	35.5	0.0411	31.2	0.00117	0.00105	0.00000548	0.00546	0.00146	0.032	0.0168	0.00000587	17	0.0000172	0.00064	0.000211	0.00112
2075 Jul	117	0.0863	0.261	0.00581	35.5	0.0412	31.2	0.00117	0.00105	0.00000548	0.00546	0.00147	0.0321	0.0169	0.00000588	17	0.0000173	0.000641	0.000212	0.00112
2075 Aug	117	0.0864	0.262	0.00582	35.5	0.0412	31.3	0.00117	0.00105	0.00000549	0.00547	0.00147	0.0321	0.0169	0.00000588	17	0.0000173	0.000642	0.000212	0.00112
2075 Sep	117	0.0864	0.262	0.00582	35.6	0.0412	31.3	0.00118	0.00105	0.00000549	0.00547	0.00147	0.0322	0.0169	0.00000589	17	0.0000173	0.000643	0.000212	0.00112
2075 Oct	117	0.0864	0.262	0.00582	35.6	0.0412	31.3	0.00118	0.00105	0.00000549	0.00547	0.00147	0.0322	0.0169	0.00000589	17	0.0000173	0.000643	0.000212	0.00112
2075 Nov	117	0.0864	0.262	0.00582	35.6	0.0412	31.3	0.00118	0.00105	0.00000549	0.00547	0.00147	0.0322	0.0169	0.00000589	17	0.0000173	0.000643	0.000212	0.00112
2075 Dec	117	0.0864	0.262	0.00582	35.6	0.0412	31.3	0.00118	0.00105	0.00000549	0.00547	0.00147	0.0322	0.0169	0.00000589	17	0.0000173	0.000643	0.000212	0.00112

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	117	0.0864	0.262	0.00582	35.6	0.0412	31.3	0.00118	0.00105	0.00000549	0.00547	0.00147	0.0322	0.0169	0.00000589	17	0.0000173	0.000643	0.000212	0.00112
2076 Feb	117	0.0864	0.262	0.00582	35.6	0.0412	31.3	0.00118	0.00105	0.00000549	0.00547	0.00147	0.0322	0.0169	0.00000589	17	0.0000173	0.000643	0.000212	0.00112
2076 Mar	117	0.0864	0.262	0.00583	35.6	0.0412	31.3	0.00118	0.00105	0.00000549	0.00547	0.00147	0.0322	0.0169	0.00000589	17	0.0000173	0.000643	0.000212	0.00112
2076 Apr	117	0.0865	0.262	0.00583	35.6	0.0412	31.3	0.00118	0.00105	0.00000549	0.00547	0.00147	0.0322	0.0169	0.00000589	17	0.0000173	0.000643	0.000212	0.00112
2076 May	117	0.0865	0.262	0.00583	35.6	0.0413	31.3	0.00118	0.00105	0.00000549	0.00548	0.00147	0.0322	0.0169	0.00000589	17	0.0000173	0.000643	0.000212	0.00112
2076 Jun	117	0.0862	0.26	0.0058	35.4	0.0412	31.3	0.00117	0.00105	0.00000548	0.00548	0.00147	0.0322	0.0169	0.00000588	17	0.0000174	0.000644	0.000213	0.00112
2076 Jul	117	0.0863	0.261	0.00581	35.5	0.0412	31.4	0.00117	0.00105	0.00000549	0.00549	0.00147	0.0322	0.017	0.00000588	17.1	0.0000174	0.000645	0.000213	0.00112
2076 Aug	118	0.0864	0.261	0.00582	35.5	0.0413	31.4	0.00118	0.00105	0.00000549	0.0055	0.00147	0.0323	0.017	0.00000589	17.1	0.0000174	0.000646	0.000213	0.00113
2076 Sep	118	0.0865	0.261	0.00582	35.6	0.0413	31.5	0.00118	0.00105	0.0000055	0.0055	0.00148	0.0323	0.017	0.00000589	17.1	0.0000174	0.000647	0.000214	0.00113
2076 Oct	118	0.0865	0.261	0.00582	35.6	0.0413	31.5	0.00117	0.00105	0.00000549	0.0055	0.00148	0.0323	0.017	0.00000589	17.1	0.0000174	0.000647	0.000213	0.00113
2076 Nov	118	0.0865	0.261	0.00582	35.6	0.0413	31.5	0.00117	0.00105	0.00000549	0.0055	0.00148	0.0323	0.017	0.00000589	17.1	0.0000174	0.000647	0.000214	0.00113
2076 Dec	118	0.0865	0.261	0.00582	35.6	0.0413	31.5	0.00117	0.00105	0.00000549	0.0055	0.00148	0.0323	0.017	0.00000589	17.1	0.0000174	0.000647	0.000214	0.00113
2077 Jan	118	0.0865	0.261	0.00582	35.6	0.0413	31.5	0.00117	0.00105	0.00000549	0.0055	0.00148	0.0323	0.017	0.00000589	17.1	0.0000174	0.000647	0.000214	0.00113
2077 Feb	118	0.0865	0.261	0.00582	35.6	0.0413	31.5	0.00117	0.00105	0.00000549	0.0055	0.00148	0.0323	0.017	0.00000589	17.1	0.0000174	0.000647	0.000214	0.00113
2077 Mar	118	0.0865	0.261	0.00582	35.6	0.0413	31.5	0.00117	0.00105	0.00000549	0.0055	0.00148	0.0323	0.017	0.00000589	17.1	0.0000174	0.000647	0.000214	0.00113
2077 Apr	118	0.0865	0.261	0.00582	35.6	0.0413	31.5	0.00117	0.00105	0.00000549	0.0055	0.00148	0.0323	0.017	0.00000589	17.1	0.0000174	0.000647	0.000214	0.00113
2077 May	118	0.0865	0.261	0.00582	35.6	0.0413	31.5	0.00118	0.00105	0.00000549	0.0055	0.00148	0.0324	0.017	0.00000589	17.1	0.0000174	0.000647	0.000214	0.00113
2077 Jun	117	0.0862	0.26	0.00579	35.4	0.0412	31.4	0.00117	0.00105	0.00000548	0.0055	0.00148	0.0324	0.0171	0.00000588	17.1	0.0000175	0.000648	0.000215	0.00113
2077 Jul	118	0.0864	0.26	0.0058	35.5	0.0413	31.5	0.00117	0.00105	0.00000549	0.00551	0.00148	0.0324	0.0171	0.00000589	17.2	0.0000175	0.00065	0.000215	0.00113
2077 Aug	118	0.0865	0.261	0.00581	35.5	0.0414	31.6	0.00118	0.00105	0.0000055	0.00552	0.00148	0.0325	0.0171	0.0000059	17.2	0.0000175	0.000651	0.000216	0.00113
2077 Sep	118	0.0865	0.26	0.00581	35.5	0.0414	31.6	0.00117	0.00105	0.00000549	0.00552	0.00148	0.0325	0.0171	0.00000589	17.2	0.0000175	0.000651	0.000216	0.00113
2077 Oct	118	0.0865	0.26	0.00581	35.5	0.0414	31.6	0.00117	0.00105	0.00000549	0.00552	0.00148	0.0325	0.0171	0.00000589	17.2	0.0000175	0.000651	0.000216	0.00113
2077 Nov	118	0.0865	0.26	0.00581	35.5	0.0414	31.6	0.00117	0.00105	0.00000549	0.00552	0.00148	0.0325	0.0171	0.00000589	17.2	0.0000175	0.000651	0.000216	0.00113
2077 Dec	118	0.0865	0.26	0.00581	35.5	0.0414	31.6	0.00117	0.00105	0.00000549	0.00552	0.00148	0.0325	0.0171	0.00000589	17.2	0.0000175	0.000651	0.000216	0.00113
2078 Jan	118	0.0865	0.26	0.00581	35.5	0.0414	31.6	0.00117	0.00105	0.00000549	0.00552	0.00148	0.0325	0.0171	0.00000589	17.2	0.0000175	0.000651	0.000216	0.00113
2078 Feb	118	0.0865	0.26	0.00581	35.5	0.0414	31.6	0.00117	0.00105	0.00000549	0.00552	0.00148	0.0325	0.0171	0.00000589	17.2	0.0000175	0.000651	0.000216	0.00113
2078 Mar	118	0.0865	0.26	0.00581	35.5	0.0414	31.6	0.00117	0.00105	0.00000549	0.00552	0.00148	0.0325	0.0171	0.00000589	17.2	0.0000175	0.000651	0.000216	0.00113
2078 Apr	118	0.0865	0.26	0.00581	35.5	0.0414	31.6	0.00117	0.00105	0.00000549	0.00552	0.00148	0.0325	0.0171	0.00000589	17.2	0.0000175	0.000651	0.000216	0.00113
2078 May	118	0.0864	0.259	0.00579	35.5	0.0414	31.6	0.00117	0.00105	0.00000549	0.00553	0.00148	0.0325	0.0172	0.00000589	17.3	0.0000175	0.000653	0.000217	0.00113
2078 Jun	118	0.0863	0.258	0.00577	35.4	0.0413	31.6	0.00117	0.00104	0.00000548	0.00553	0.00149	0.0325	0.0172	0.00000588	17.3	0.0000176	0.000654	0.000218	0.00113
2078 Jul	118	0.0864	0.259	0.00578	35.4	0.0414	31.6	0.00117	0.00105	0.00000549	0.00554	0.00149	0.0326	0.0173	0.00000589	17.3	0.0000176	0.000655	0.000218	0.00113
2078 Aug	118	0.0866	0.259	0.00579	35.5	0.0414	31.7	0.00117	0.00105	0.00000549	0.00554	0.00149	0.0327	0.0173	0.00000589	17.3	0.0000176	0.000656	0.000218	0.00113
2078 Sep	118	0.0866	0.259	0.0058	35.5	0.0415	31.7	0.00117	0.00105	0.0000055	0.00554	0.00149	0.0327	0.0173	0.00000589	17.4	0.0000176	0.000656	0.000219	0.00113
2078 Oct	118	0.0866	0.259	0.0058	35.5	0.0415	31.8	0.00117	0.00105	0.00000549	0.00554	0.00149	0.0327	0.0173	0.00000589	17.3	0.0000176	0.000656	0.000219	0.00113
2078 Nov	118	0.0866	0.259	0.0058	35.5	0.0415	31.8	0.00117	0.00105	0.00000549	0.00554	0.00149	0.0327	0.0173	0.00000589	17.3	0.0000176	0.000657	0.000219	0.00113
2078 Dec	118	0.0866	0.259	0.0058	35.5	0.0415	31.8	0.00117	0.00105	0.00000549	0.00554	0.00149	0.0327	0.0173	0.00000589	17.3	0.0000176	0.000657	0.000219	0.00113
2079 Jan	118	0.0866	0.259	0.0058	35.5	0.0415	31.8	0.00117	0.00105	0.00000549	0.00554	0.00149	0.0327	0.0173	0.00000589	17.3	0.0000176	0.000657	0.000219	0.00113
2079 Feb	118	0.0866	0.259	0.0058	35.5	0.0415	31.8	0.00117	0.00105	0.00000549	0.00554	0.00149	0.0327	0.0173	0.00000589	17.3	0.0000176	0.000657	0.000219	0.00113
2079 Mar	118	0.0866	0.259	0.0058	35.5	0.0415	31.8	0.00117	0.00105	0.00000549	0.00554	0.00149	0.0327	0.0173	0.00000589	17.3	0.0000176	0.000657	0.000219	0.00113
2079 Apr	118	0.0866	0.259	0.0058	35.5	0.0415	31.8	0.00117	0.00105	0.00000549	0.00554	0.00149	0.0327	0.0173	0.00000589	17.4	0.0000176	0.000657	0.000219	0.00113
2079 May	118	0.0867	0.259	0.0058	35.5	0.0415	31.8	0.00117	0.00105	0.0000055	0.00555	0.00149	0.0327	0.0173	0.0000059	17.4	0.0000176	0.000657	0.000219	0.00113
2079 Jun	118	0.0864	0.258	0.00577	35.4	0.0414	31.7	0.00117	0.00105	0.00000548	0.00555	0.00149	0.0327	0.0174	0.00000588	17.4	0.0000177	0.000659	0.00022	0.00113
2079 Jul	118	0.0864	0.258	0.00577	35.4	0.0414	31.8	0.00117	0.00105	0.00000549	0.00556	0.00149	0.0328	0.0174	0.00000588	17.4	0.0000177	0.00066	0.00022	0.00113
2079 Aug	118	0.0865	0.258	0.00578	35.4	0.0415	31.8	0.00117	0.00105	0.00000549	0.00556	0.0015	0.0328	0.0174	0.00000589	17.4	0.0000177	0.000661	0.00022	0.00114
2079 Sep	118	0.0865	0.258	0.00578	35.4	0.0415	31.9	0.00117	0.00105	0.00000549	0.00556	0.0015	0.0328	0.0174	0.00000589	17.4	0.0000177	0.000661	0.00022	0.00114
2079 Oct	118	0.0865	0.258	0.00578	35.4	0.0415	31.9	0.00117	0.00105	0.00000549	0.00556	0.0015	0.0328	0.0174	0.00000589	17.4	0.0000177	0.000661	0.00022	0.00114
2079 Nov	118	0.0865	0.258	0.00578	35.4	0.0415	31.9	0.00117	0.00105	0.00000549	0.00556	0.0015	0.0328	0.0174	0.00000589	17.4	0.0000177	0.000661	0.00022	0.00114
2079 Dec	118	0.0864	0.258	0.00577	35.4	0.0415	31.9	0.00117	0.00105	0.00000549	0.00556	0.0015	0.0328	0.0174	0.00000589	17.4	0.0000177	0.000661	0.00022	0.00114
2080 Jan	118	0.0864	0.258	0.00577	35.4	0.0415	31.9	0.00117	0.00105	0.00000549	0.00556	0.0015	0.0328	0.0174	0.00000589	17.4	0.0000177	0.000661	0.00022	0.00114
2080 Feb	118	0.0864	0.258	0.00577	35.4	0.0415	31.9	0.00117	0.00105	0.00000549	0.00556	0.0015	0.0328	0.0174	0.00000589	17.4	0.0000177	0.000661	0.00022	0.00114
2080 Mar	118	0.0864	0.258	0.00577	35.4	0.0415	31.9	0.00117	0.00105	0.00000549	0.00556	0.0015	0.0328	0.0174	0.00000589	17.4	0.0000177	0.000661	0.00022	0.00114
2080 Apr	118	0.0864	0.258	0.00577	35.4	0.0415	31.9	0.00117	0.00105	0.00000549	0.00556	0.0015	0.0329	0.0174	0.00000589	17.4	0.0000177	0.000661	0.00022	0.00114
2080 May	118	0.0865	0.258	0.00578	35.4	0.0415	31.9	0.00117	0.00105	0.00000549	0.00557	0.0015	0.0329	0.0174	0.00000589	17.4	0.0000177	0.000662	0.00022	0.00114
2080 Jun	118	0.0863	0.257	0.00576	35.3	0.0415	31.9	0.00117	0.00105	0.00000548	0.00557	0.0015	0.0329	0.0174	0.00000588	17.4	0.0000177	0.000662	0.00022	0.00114
2080 Jul	118	0.0863	0.257	0.00576	35.3	0.0415	31.9	0.00117	0.00105	0.00000549	0.00558	0.0015	0.0329	0.0174	0.00000589	17.4	0.0000178	0.000663	0.00022	0.00114
2080 Aug	118	0.0864	0.257	0.00577	35.4	0.0415	31.9	0.00117	0.00105	0.00000549	0.00558	0.0015	0.033	0.0174	0.00000589	17.5	0.0000178	0.000663	0.000221	0.00114
2080 Sep	118	0.0864	0.257	0.00577	35.4	0.0416	32	0.00117	0.00105	0.00000549	0.00558	0.0015	0.033	0.0174	0.00000589	17.5	0.0000178	0.000664	0.000221	0.00114
2080 Oct	118	0.0864	0.257	0.00577	35.4	0.0416	32	0.00117	0.00105	0.00000549	0.00558	0.0015	0.033	0.0174	0.00000589	17.5	0.0000178	0.000664	0.00022	0.00114
2080 Nov	118	0.0864	0.257	0.00577	35.4	0.0415	32	0.00117	0.00105	0.00000549	0.00558	0.0015	0.033	0.0174	0.00000589	17.5	0.0000178	0.000664	0.00022	0.00114
2080 Dec	118	0.0864	0.257	0.00577	35.4	0.0415	32	0.00117	0.00105	0.00000549	0.00558	0.0015	0.033	0.0174	0.00000589	17.5	0.0000178	0.000664	0.00022	0.00114
2081 Jan	118	0.0864	0.257	0.00577	35.4	0.0415	32	0.00117	0.00105	0.00000549	0.00558	0.0015	0.033	0.0174	0.00000589	17.5	0.0000178	0.000664	0.00022	0.00114
2081 Feb	118	0.0864	0.257	0.00577	35.4	0.0415	32	0.00117	0.00105	0.00000549	0.00558	0.0015	0.033	0.0174	0.00000589	17.5	0.0000178	0.000664	0.00022	0.00114
2081 Mar	118	0.0864	0.257	0.00577	35.4	0.0415	32	0.00117	0.00105	0.00000549	0.00558	0.0015	0.033	0.0174	0.00000589	17.5	0.0000178	0.000664	0.00022	0.00114
2081 Apr	118	0.0864	0.257	0.00577	35.4	0.0416	32	0.00117	0.00105	0.00000549	0.00558	0.0015	0.033	0.0174	0.00000589	17.5	0.0000178	0.000664	0.00022	0.00114
2081 May	118	0.0863	0.257	0.00576	35.3	0.0416	32	0.00117	0.00105	0.00000549	0.00559	0.0015	0.033	0.0174	0.00000589	17.5	0.0000178	0.000665	0.000221	0.00114
2081 Jun	118	0.0862	0.256	0.00575	35.3	0.0415	32	0.00117	0.00104	0.00000548	0.00559	0.0015	0.033	0.0175	0.00000588	17.5	0.0000178	0.000665	0.000221	0.00114
2081 Jul	118	0.0864	0.256	0.00576	35.3	0.0416	32	0.00117	0.00105	0.00000549	0.0056	0.0015	0.0331	0.0175	0.00000589	17.5	0.0000178	0.000666	0.000221	0.00114
2081 Aug	119	0.0865	0.257	0.00577	35.4	0.0417	32.1	0.00117	0.00105	0.0000055	0.00561	0.00151	0.0332	0.0175	0.0000059	17.5	0.0000179	0.000668	0.000222	0.00114
2081 Sep	119	0.0866	0.257	0.00578	35.4	0.0417	32.1	0.00117	0.00105	0.0000055	0.00561	0.00151	0.0332	0.0175	0.0000059	17.6	0.0000179	0.000668	0.000222	0.00114
2081 Oct	119	0.0866	0.257	0.00578	35.4	0.0417	32.2	0.00117	0.00105	0.0000055	0.00561	0.00151	0.0332	0.0175	0.0000059	17.6	0.0000179	0.000668	0.000222	0.00114
2081 Nov	119	0.0866	0.257	0.00578	35.4	0.0417	32.2	0.00117	0.00105	0.0000055	0.00561	0.00151	0.0332	0.0175	0.0000059	17.5	0.0000179	0.000668	0.000222	0.00114
2081 Dec	119	0.0866	0.257	0.00578	35.4	0.0417	32.2	0.00117	0.00105	0.0000055	0.00561	0.00151	0.0332	0.0175	0.0000059	17.5	0.0000179	0.000668	0.000222	0.00114
2082 Jan	119	0.0866	0.257	0.00578	35.4	0.0417	32.2	0.00117	0.00105	0.0000055	0.00561	0.00151	0.0332	0.0175	0.0000059	17.5	0.0000179	0.000668	0.000222	0.00114
2082 Feb	119	0.0866	0.257	0.00578	35.4	0.0417	32.2	0.00117	0.00105	0.0000055	0.00561	0.00151	0.0332	0.0175	0.0000059	17.5	0.0000179	0.000668	0.000222	0.00114
2082 Mar	119	0.0866	0.257	0.00578	35.4	0.0417	32.2	0.00117	0.00105	0.0000055	0.00561	0.00151	0.0332	0.0175	0.0000059	17.5	0.0000179	0.000668	0.000222	0.00114
2082 Apr	119	0.0866	0.257	0.00578	35.4	0.0417	32.2	0.00117	0.00105	0.0000055	0.00561	0.00151	0.0332	0.0175	0.0000059	17.5	0.0000179	0.000668	0.000222	0.00114
2082 May	119	0.0866	0.257	0.00578	35.4	0.0417	32.2	0.00117	0.00105	0.0000055	0.00561	0.00151	0.0332	0.0175	0.00000591	17.6	0.0000179	0.000668	0.000222	0.00114

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	118	0.0862	0.255	0.00575	35.3	0.0417	32.1	0.00117	0.00105	0.00000549	0.00562	0.00151	0.0332	0.0175	0.00000589	17.6	0.0000179	0.00067	0.000222	0.00114
2082 Jul	118	0.0861	0.255	0.00574	35.2	0.0417	32.1	0.00117	0.00105	0.00000549	0.00563	0.00151	0.0333	0.0175	0.00000589	17.6	0.000018	0.000671	0.000222	0.00114
2082 Aug	119	0.0862	0.255	0.00575	35.3	0.0417	32.2	0.00117	0.00105	0.0000055	0.00563	0.00151	0.0333	0.0176	0.0000059	17.6	0.000018	0.000672	0.000222	0.00114
2082 Sep	119	0.0863	0.255	0.00576	35.3	0.0418	32.2	0.00117	0.00105	0.0000055	0.00564	0.00151	0.0334	0.0176	0.0000059	17.6	0.000018	0.000672	0.000222	0.00114
2082 Oct	119	0.0862	0.255	0.00575	35.2	0.0417	32.2	0.00117	0.00105	0.00000549	0.00563	0.00151	0.0334	0.0176	0.00000589	17.6	0.000018	0.000672	0.000222	0.00114
2082 Nov	119	0.0862	0.255	0.00575	35.2	0.0417	32.2	0.00117	0.00105	0.00000549	0.00563	0.00151	0.0334	0.0176	0.00000589	17.6	0.000018	0.000672	0.000222	0.00114
2082 Dec	119	0.0862	0.255	0.00575	35.2	0.0417	32.2	0.00117	0.00105	0.00000549	0.00563	0.00151	0.0334	0.0176	0.00000589	17.6	0.000018	0.000672	0.000222	0.00114
2083 Jan	119	0.0862	0.255	0.00575	35.2	0.0417	32.2	0.00117	0.00105	0.00000549	0.00563	0.00151	0.0334	0.0176	0.00000589	17.6	0.000018	0.000672	0.000222	0.00114
2083 Feb	119	0.0862	0.255	0.00575	35.2	0.0417	32.2	0.00117	0.00105	0.00000549	0.00563	0.00151	0.0334	0.0176	0.00000589	17.6	0.000018	0.000672	0.000222	0.00114
2083 Mar	119	0.0862	0.255	0.00575	35.2	0.0417	32.2	0.00117	0.00105	0.00000549	0.00564	0.00151	0.0334	0.0176	0.0000059	17.6	0.000018	0.000672	0.000222	0.00114
2083 Apr	119	0.0862	0.255	0.00575	35.2	0.0417	32.2	0.00117	0.00105	0.00000549	0.00564	0.00151	0.0334	0.0176	0.0000059	17.6	0.000018	0.000672	0.000222	0.00114
2083 May	119	0.0862	0.255	0.00575	35.2	0.0418	32.2	0.00117	0.00105	0.00000549	0.00564	0.00151	0.0334	0.0176	0.0000059	17.6	0.000018	0.000673	0.000222	0.00114
2083 Jun	118	0.0859	0.253	0.00572	35.1	0.0417	32.2	0.00116	0.00104	0.00000548	0.00564	0.00151	0.0334	0.0176	0.00000588	17.6	0.000018	0.000674	0.000223	0.00114
2083 Jul	118	0.086	0.254	0.00572	35.1	0.0417	32.3	0.00116	0.00104	0.00000549	0.00565	0.00151	0.0334	0.0176	0.00000589	17.6	0.0000181	0.000675	0.000223	0.00114
2083 Aug	119	0.0861	0.254	0.00573	35.2	0.0418	32.3	0.00117	0.00105	0.00000549	0.00565	0.00152	0.0335	0.0177	0.00000589	17.7	0.0000181	0.000676	0.000224	0.00114
2083 Sep	119	0.0861	0.254	0.00573	35.1	0.0418	32.3	0.00116	0.00105	0.00000549	0.00565	0.00152	0.0335	0.0177	0.00000589	17.7	0.0000181	0.000676	0.000224	0.00114
2083 Oct	119	0.086	0.253	0.00572	35.1	0.0417	32.3	0.00116	0.00104	0.00000548	0.00565	0.00152	0.0335	0.0177	0.00000588	17.7	0.0000181	0.000676	0.000224	0.00114
2083 Nov	118	0.086	0.253	0.00572	35.1	0.0417	32.3	0.00116	0.00104	0.00000548	0.00565	0.00152	0.0335	0.0177	0.00000588	17.7	0.0000181	0.000676	0.000224	0.00114
2083 Dec	118	0.086	0.253	0.00572	35.1	0.0417	32.3	0.00116	0.00104	0.00000548	0.00565	0.00152	0.0335	0.0177	0.00000588	17.7	0.0000181	0.000677	0.000224	0.00114
2084 Jan	118	0.086	0.253	0.00572	35.1	0.0417	32.3	0.00116	0.00104	0.00000548	0.00565	0.00152	0.0335	0.0177	0.00000588	17.7	0.0000181	0.000677	0.000224	0.00114
2084 Feb	118	0.086	0.253	0.00572	35.1	0.0417	32.3	0.00116	0.00104	0.00000548	0.00565	0.00152	0.0335	0.0177	0.00000588	17.7	0.0000181	0.000677	0.000224	0.00114
2084 Mar	118	0.086	0.253	0.00572	35.1	0.0417	32.3	0.00116	0.00104	0.00000548	0.00565	0.00152	0.0335	0.0177	0.00000588	17.7	0.0000181	0.000677	0.000224	0.00114
2084 Apr	119	0.086	0.253	0.00572	35.1	0.0417	32.3	0.00116	0.00104	0.00000548	0.00565	0.00152	0.0335	0.0177	0.00000588	17.7	0.0000181	0.000677	0.000224	0.00114
2084 May	119	0.086	0.253	0.00572	35.1	0.0418	32.3	0.00116	0.00104	0.00000548	0.00566	0.00152	0.0335	0.0177	0.00000588	17.7	0.0000181	0.000678	0.000224	0.00114
2084 Jun	118	0.0858	0.252	0.00569	35	0.0417	32.3	0.00116	0.00104	0.00000547	0.00565	0.00152	0.0335	0.0177	0.00000587	17.7	0.0000181	0.000678	0.000225	0.00114
2084 Jul	119	0.0859	0.252	0.0057	35	0.0417	32.4	0.00116	0.00104	0.00000547	0.00566	0.00152	0.0336	0.0178	0.00000588	17.7	0.0000181	0.000679	0.000225	0.00114
2084 Aug	119	0.0861	0.252	0.00571	35.1	0.0418	32.4	0.00116	0.00104	0.00000548	0.00567	0.00152	0.0336	0.0178	0.00000588	17.7	0.0000181	0.00068	0.000226	0.00115
2084 Sep	119	0.0861	0.253	0.00571	35.1	0.0418	32.4	0.00116	0.00104	0.00000548	0.00567	0.00152	0.0336	0.0178	0.00000588	17.8	0.0000181	0.00068	0.000226	0.00115
2084 Oct	119	0.0861	0.252	0.00571	35.1	0.0418	32.5	0.00116	0.00104	0.00000548	0.00567	0.00152	0.0336	0.0178	0.00000588	17.7	0.0000181	0.00068	0.000225	0.00115
2084 Nov	119	0.086	0.252	0.00571	35.1	0.0418	32.5	0.00116	0.00104	0.00000548	0.00567	0.00152	0.0336	0.0178	0.00000588	17.8	0.0000181	0.00068	0.000226	0.00115
2084 Dec	119	0.086	0.252	0.00571	35.1	0.0418	32.5	0.00116	0.00104	0.00000548	0.00567	0.00152	0.0337	0.0178	0.00000588	17.8	0.0000181	0.00068	0.000226	0.00115
2085 Jan	119	0.086	0.252	0.00571	35.1	0.0418	32.5	0.00116	0.00104	0.00000548	0.00567	0.00152	0.0337	0.0178	0.00000588	17.8	0.0000181	0.00068	0.000226	0.00115
2085 Feb	119	0.086	0.252	0.00571	35.1	0.0418	32.5	0.00116	0.00104	0.00000548	0.00567	0.00152	0.0337	0.0178	0.00000588	17.8	0.0000181	0.00068	0.000226	0.00115
2085 Mar	119	0.086	0.252	0.00571	35.1	0.0418	32.5	0.00116	0.00104	0.00000548	0.00567	0.00152	0.0337	0.0178	0.00000588	17.8	0.0000181	0.00068	0.000226	0.00115
2085 Apr	119	0.086	0.252	0.00571	35.1	0.0418	32.5	0.00116	0.00104	0.00000548	0.00567	0.00152	0.0337	0.0178	0.00000588	17.8	0.0000181	0.000681	0.000226	0.00115
2085 May	119	0.0861	0.252	0.00571	35.1	0.0418	32.5	0.00116	0.00104	0.00000548	0.00567	0.00152	0.0337	0.0178	0.00000588	17.8	0.0000181	0.000681	0.000226	0.00115
2085 Jun	119	0.086	0.252	0.0057	35	0.0418	32.5	0.00116	0.00104	0.00000547	0.00567	0.00152	0.0337	0.0178	0.00000588	17.8	0.0000182	0.000682	0.000227	0.00115
2085 Jul	119	0.0862	0.252	0.00571	35.1	0.0419	32.6	0.00116	0.00104	0.00000548	0.00568	0.00153	0.0338	0.0179	0.00000589	17.8	0.0000182	0.000684	0.000227	0.00115
2085 Aug	119	0.0863	0.252	0.00572	35.1	0.0419	32.6	0.00116	0.00104	0.00000548	0.00568	0.00153	0.0338	0.0179	0.00000589	17.8	0.0000182	0.000684	0.000227	0.00115
2085 Sep	119	0.0862	0.252	0.00572	35.1	0.0419	32.6	0.00116	0.00104	0.00000548	0.00568	0.00153	0.0338	0.0179	0.00000589	17.8	0.0000182	0.000685	0.000227	0.00115
2085 Oct	119	0.0862	0.252	0.00571	35.1	0.0419	32.6	0.00116	0.00104	0.00000548	0.00568	0.00153	0.0339	0.0179	0.00000588	17.8	0.0000182	0.000685	0.000227	0.00115
2085 Nov	119	0.0862	0.252	0.00571	35.1	0.0419	32.6	0.00116	0.00104	0.00000548	0.00568	0.00153	0.0339	0.0179	0.00000588	17.8	0.0000182	0.000685	0.000227	0.00115
2085 Dec	119	0.0862	0.252	0.00571	35.1	0.0419	32.6	0.00116	0.00104	0.00000548	0.00568	0.00153	0.0339	0.0179	0.00000588	17.9	0.0000182	0.000685	0.000227	0.00115
2086 Jan	119	0.0862	0.252	0.00571	35.1	0.0419	32.6	0.00116	0.00104	0.00000548	0.00568	0.00153	0.0339	0.0179	0.00000588	17.9	0.0000182	0.000685	0.000227	0.00115
2086 Feb	119	0.0862	0.252	0.00571	35.1	0.0419	32.6	0.00116	0.00104	0.00000548	0.00568	0.00153	0.0339	0.0179	0.00000588	17.9	0.0000182	0.000685	0.000227	0.00115
2086 Mar	119	0.0862	0.252	0.00571	35.1	0.0419	32.6	0.00116	0.00104	0.00000548	0.00568	0.00153	0.0339	0.0179	0.00000588	17.9	0.0000182	0.000686	0.000227	0.00115
2086 Apr	119	0.0862	0.252	0.00571	35.1	0.0419	32.7	0.00116	0.00104	0.00000548	0.00568	0.00153	0.0339	0.0179	0.00000588	17.9	0.0000182	0.000686	0.000227	0.00115
2086 May	119	0.0862	0.252	0.00571	35.1	0.0419	32.7	0.00116	0.00104	0.00000548	0.00569	0.00153	0.0339	0.0179	0.00000589	17.9	0.0000182	0.000686	0.000228	0.00115
2086 Jun	119	0.086	0.25	0.00568	35	0.0419	32.6	0.00116	0.00104	0.00000547	0.00569	0.00153	0.0339	0.018	0.00000587	17.9	0.0000182	0.000688	0.000229	0.00115
2086 Jul	119	0.0861	0.251	0.00569	35	0.042	32.7	0.00116	0.00104	0.00000547	0.0057	0.00153	0.034	0.018	0.00000588	17.9	0.0000183	0.00069	0.000229	0.00115
2086 Aug	119	0.0863	0.251	0.0057	35.1	0.042	32.8	0.00116	0.00104	0.00000548	0.0057	0.00154	0.034	0.018	0.00000588	18	0.0000183	0.00069	0.00023	0.00115
2086 Sep	119	0.0863	0.251	0.0057	35.1	0.042	32.8	0.00116	0.00104	0.00000548	0.0057	0.00154	0.0341	0.018	0.00000588	18	0.0000183	0.000691	0.00023	0.00115
2086 Oct	119	0.0863	0.251	0.0057	35.1	0.042	32.8	0.00116	0.00104	0.00000548	0.0057	0.00154	0.0341	0.018	0.00000588	18	0.0000183	0.000691	0.00023	0.00115
2086 Nov	119	0.0863	0.251	0.0057	35.1	0.042	32.8	0.00116	0.00104	0.00000548	0.0057	0.00154	0.0341	0.018	0.00000588	18	0.0000183	0.000691	0.00023	0.00115
2086 Dec	119	0.0863	0.251	0.0057	35.1	0.042	32.8	0.00116	0.00104	0.00000548	0.0057	0.00154	0.0341	0.018	0.00000588	18	0.0000183	0.000691	0.00023	0.00115
2087 Jan	119	0.0863	0.251	0.0057	35.1	0.042	32.8	0.00116	0.00104	0.00000548	0.0057	0.00154	0.0341	0.018	0.00000588	18	0.0000183	0.000691	0.00023	0.00115
2087 Feb	119	0.0863	0.251	0.0057	35.1	0.042	32.8	0.00116	0.00104	0.00000548	0.0057	0.00154	0.0341	0.018	0.00000588	18	0.0000183	0.000691	0.00023	0.00115
2087 Mar	119	0.0863	0.251	0.0057	35.1	0.042	32.8	0.00116	0.00104	0.00000548	0.00571	0.00154	0.0341	0.018	0.00000588	18	0.0000183	0.000691	0.00023	0.00115
2087 Apr	119	0.0863	0.251	0.0057	35.1	0.042	32.8	0.00116	0.00104	0.00000548	0.00571	0.00154	0.0341	0.018	0.00000588	18	0.0000183	0.000691	0.00023	0.00115
2087 May	119	0.0862	0.251	0.00569	35	0.042	32.8	0.00116	0.00104	0.00000548	0.00571	0.00154	0.0341	0.0181	0.00000588	18	0.0000183	0.000692	0.00023	0.00115
2087 Jun	119	0.0861	0.249	0.00567	34.9	0.042	32.8	0.00116	0.00104	0.00000547	0.00571	0.00154	0.0341	0.0181	0.00000588	18	0.0000183	0.000693	0.000231	0.00115
2087 Jul	119	0.0862	0.25	0.00568	35	0.042	32.9	0.00116	0.00104	0.00000548	0.00572	0.00154	0.0342	0.0181	0.00000588	18.1	0.0000184	0.000694	0.000231	0.00116
2087 Aug	120	0.0863	0.25	0.00569	35.1	0.0421	32.9	0.00116	0.00104	0.00000548	0.00573	0.00154	0.0342	0.0182	0.00000589	18.1	0.0000184	0.000695	0.000231	0.00116
2087 Sep	120	0.0864	0.251	0.0057	35.1	0.0421	33	0.00116	0.00104	0.00000549	0.00573	0.00154	0.0343	0.0182	0.0000059	18.1	0.0000184	0.000696	0.000232	0.00116
2087 Oct	120	0.0864	0.251	0.0057	35.1	0.0421	33	0.00116	0.00104	0.00000549	0.00573	0.00154	0.0343	0.0182	0.00000589	18.1	0.0000184	0.000696	0.000232	0.00116
2087 Nov	120	0.0864	0.251	0.0057	35.1	0.0421	33	0.00116	0.00104	0.00000549	0.00573	0.00154	0.0343	0.0182	0.00000589	18.1	0.0000184	0.000696	0.000232	0.00116
2087 Dec	120	0.0864	0.251	0.0057	35.1	0.0421	33	0.00116	0.00104	0.00000549	0.00573	0.00154	0.0343	0.0182	0.00000589	18.1	0.0000184	0.000696	0.000232	0.00116
2088 Jan	120	0.0864	0.251	0.0057	35.1	0.0421	33	0.00116	0.00104	0.00000549	0.00573	0.00154	0.0343	0.0182	0.00000589	18.1	0.0000184	0.000696	0.000232	0.00116
2088 Feb	120	0.0864	0.251	0.0057	35.1	0.0421	33	0.00116	0.00104	0.00000549	0.00573	0.00154	0.0343	0.0182	0.00000589	18.1	0.0000184	0.000696	0.000232	0.00116
2088 Mar	120	0.0864	0.251	0.0057	35.1	0.0421	33	0.00116	0.00104	0.00000549	0.00573	0.00154	0.0343	0.0182	0.00000589	18.1	0.0000184	0.000696	0.000232	0.00116
2088 Apr	120	0.0864	0.251	0.0057	35.1	0.0422	33	0.00116	0.00104	0.00000549	0.00573	0.00155	0.0343	0.0182	0.0000059	18.1	0.0000184	0.000696	0.000232	0.00116
2088 May	120	0.0865	0.251	0.0057	35.1	0.0422	33	0.00116	0.00104	0.00000549	0.00574	0.00155	0.0343	0.0182	0.0000059	18.1	0.0000184	0.000696	0.000232	0.00116
2088 Jun	120	0.0864	0.25	0.00569	35.1	0.0422	33	0.00116	0.00104	0.00000549	0.00574	0.00155	0.0343	0.0182	0.0000059	18.1	0.0000184	0.000698	0.000232	0.00116
2088 Jul	120	0.0865	0.25	0.0057	35.1	0.0422	33.1	0.00116	0.00105	0.0000055	0.00575	0.00155	0.0344	0.0182	0.00000591	18.2	0.0000185	0.000699	0.000233	0.00116
2088 Aug	120	0.0867	0.251	0.00571	35.2	0.0423	33.1	0.00116	0.00105	0.00000551	0.00576	0.00155	0.0345	0.0183	0.00000592	18.2	0.0000185	0.000701	0.000233	0.00116
2088 Sep	120	0.0867	0.251	0.00572	35.2	0.0424	33.2	0.00116	0.00105	0.00000551	0.00577	0.00156	0.0345	0.0183	0.00000592	18.2	0.0000185	0.000701	0.000233	0.00117
2088 Oct	120	0.0867	0.251	0.00571	35.2	0.0423	33.2	0.00116	0.00105	0.0000055	0.00576	0.00155	0.0345	0.0183	0.00000592	18.2	0.0000185	0.000701	0.000233	0.00116

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	120	0.0867	0.251	0.00571	35.2	0.0423	33.2	0.00116	0.00105	0.0000055	0.00576	0.00155	0.0345	0.0183	0.00000591	18.2	0.0000185	0.000701	0.000233	0.00116
2088 Dec	120	0.0867	0.251	0.00571	35.2	0.0423	33.2	0.00116	0.00105	0.0000055	0.00576	0.00155	0.0345	0.0183	0.00000591	18.2	0.0000185	0.000701	0.000233	0.00116
2089 Jan	120	0.0867	0.251	0.00571	35.2	0.0423	33.2	0.00116	0.00105	0.0000055	0.00576	0.00155	0.0345	0.0183	0.00000591	18.2	0.0000185	0.000701	0.000233	0.00116
2089 Feb	120	0.0867	0.251	0.00571	35.2	0.0423	33.2	0.00116	0.00105	0.0000055	0.00576	0.00155	0.0345	0.0183	0.00000591	18.2	0.0000185	0.000701	0.000233	0.00116
2089 Mar	120	0.0867	0.251	0.00571	35.2	0.0423	33.2	0.00116	0.00105	0.0000055	0.00576	0.00155	0.0345	0.0183	0.00000591	18.2	0.0000185	0.000701	0.000233	0.00116
2089 Apr	120	0.0867	0.251	0.00571	35.2	0.0423	33.2	0.00116	0.00105	0.00000551	0.00576	0.00155	0.0345	0.0183	0.00000592	18.2	0.0000185	0.000701	0.000233	0.00116
2089 May	120	0.0867	0.251	0.00571	35.2	0.0424	33.2	0.00116	0.00105	0.00000551	0.00577	0.00156	0.0345	0.0183	0.00000592	18.2	0.0000186	0.000702	0.000234	0.00117
2089 Jun	120	0.0866	0.25	0.0057	35.1	0.0424	33.2	0.00116	0.00105	0.00000551	0.00578	0.00156	0.0346	0.0184	0.00000592	18.3	0.0000186	0.000703	0.000235	0.00117
2089 Jul	120	0.0867	0.25	0.00571	35.2	0.0424	33.3	0.00116	0.00105	0.00000551	0.00579	0.00156	0.0346	0.0184	0.00000592	18.3	0.0000186	0.000705	0.000235	0.00117
2089 Aug	121	0.0869	0.251	0.00572	35.2	0.0425	33.3	0.00117	0.00105	0.00000552	0.0058	0.00156	0.0347	0.0184	0.00000593	18.3	0.0000186	0.000706	0.000235	0.00117
2089 Sep	121	0.0869	0.251	0.00572	35.3	0.0425	33.4	0.00117	0.00105	0.00000552	0.0058	0.00156	0.0347	0.0184	0.00000593	18.3	0.0000187	0.000706	0.000235	0.00117
2089 Oct	121	0.0868	0.25	0.00571	35.2	0.0425	33.4	0.00116	0.00105	0.00000552	0.0058	0.00156	0.0347	0.0184	0.00000593	18.3	0.0000187	0.000707	0.000235	0.00117
2089 Nov	121	0.0868	0.25	0.00571	35.2	0.0425	33.4	0.00116	0.00105	0.00000552	0.0058	0.00156	0.0347	0.0184	0.00000593	18.3	0.0000187	0.000707	0.000236	0.00117
2089 Dec	121	0.0868	0.25	0.00571	35.2	0.0425	33.4	0.00116	0.00105	0.00000552	0.0058	0.00156	0.0347	0.0184	0.00000593	18.3	0.0000187	0.000707	0.000236	0.00117
2090 Jan	121	0.0868	0.25	0.00571	35.2	0.0425	33.4	0.00116	0.00105	0.00000552	0.0058	0.00156	0.0347	0.0184	0.00000593	18.3	0.0000187	0.000707	0.000236	0.00117
2090 Feb	121	0.0868	0.25	0.00571	35.2	0.0425	33.4	0.00116	0.00105	0.00000552	0.0058	0.00156	0.0347	0.0184	0.00000593	18.3	0.0000187	0.000707	0.000236	0.00117
2090 Mar	121	0.0868	0.25	0.00571	35.2	0.0425	33.4	0.00116	0.00105	0.00000552	0.0058	0.00156	0.0347	0.0184	0.00000593	18.3	0.0000187	0.000707	0.000236	0.00117
2090 Apr	121	0.0868	0.25	0.00571	35.2	0.0425	33.4	0.00116	0.00105	0.00000552	0.0058	0.00156	0.0347	0.0184	0.00000593	18.3	0.0000187	0.000707	0.000236	0.00117
2090 May	121	0.0869	0.25	0.00571	35.2	0.0425	33.4	0.00116	0.00105	0.00000552	0.0058	0.00156	0.0348	0.0185	0.00000593	18.4	0.0000187	0.000708	0.000236	0.00117
2090 Jun	121	0.0866	0.248	0.00567	35	0.0425	33.4	0.00116	0.00105	0.00000551	0.00581	0.00157	0.0349	0.0185	0.00000592	18.4	0.0000187	0.000712	0.000237	0.00117
2090 Jul	121	0.0868	0.249	0.00568	35.1	0.0426	33.4	0.00116	0.00105	0.00000551	0.00582	0.00157	0.0349	0.0186	0.00000593	18.5	0.0000187	0.000713	0.000238	0.00117
2090 Aug	121	0.0867	0.248	0.00568	35.1	0.0426	33.5	0.00116	0.00105	0.00000551	0.00582	0.00157	0.0349	0.0186	0.00000592	18.5	0.0000187	0.000713	0.000238	0.00117
2090 Sep	121	0.0867	0.248	0.00568	35.1	0.0426	33.5	0.00116	0.00105	0.00000551	0.00582	0.00157	0.0349	0.0186	0.00000592	18.5	0.0000187	0.000713	0.000238	0.00117
2090 Oct	121	0.0866	0.248	0.00566	35	0.0425	33.5	0.00116	0.00105	0.0000055	0.00581	0.00157	0.0349	0.0186	0.00000591	18.4	0.0000187	0.000713	0.000238	0.00117
2090 Nov	121	0.0865	0.247	0.00566	35	0.0425	33.4	0.00116	0.00104	0.0000055	0.00581	0.00157	0.0349	0.0186	0.00000591	18.4	0.0000187	0.000713	0.000238	0.00117
2090 Dec	121	0.0865	0.247	0.00566	35	0.0425	33.4	0.00116	0.00104	0.0000055	0.00581	0.00157	0.0349	0.0186	0.00000591	18.4	0.0000187	0.000713	0.000238	0.00117
2091 Jan	121	0.0865	0.247	0.00566	35	0.0425	33.4	0.00116	0.00104	0.0000055	0.00581	0.00157	0.0349	0.0186	0.00000591	18.4	0.0000187	0.000713	0.000238	0.00117
2091 Feb	121	0.0865	0.247	0.00566	35	0.0425	33.4	0.00116	0.00104	0.0000055	0.00581	0.00157	0.0349	0.0186	0.00000591	18.4	0.0000187	0.000713	0.000238	0.00117
2091 Mar	121	0.0865	0.247	0.00566	35	0.0425	33.5	0.00116	0.00104	0.0000055	0.00581	0.00157	0.0349	0.0186	0.00000591	18.4	0.0000187	0.000713	0.000238	0.00117
2091 Apr	121	0.0865	0.247	0.00566	35	0.0425	33.5	0.00116	0.00104	0.0000055	0.00581	0.00157	0.0349	0.0186	0.00000591	18.4	0.0000187	0.000713	0.000238	0.00117
2091 May	121	0.0866	0.247	0.00566	35	0.0426	33.5	0.00116	0.00105	0.0000055	0.00582	0.00157	0.035	0.0186	0.00000591	18.5	0.0000187	0.000714	0.000238	0.00117
2091 Jun	120	0.0864	0.246	0.00564	34.9	0.0425	33.4	0.00116	0.00104	0.00000549	0.00582	0.00157	0.0349	0.0186	0.0000059	18.5	0.0000187	0.000714	0.000239	0.00117
2091 Jul	121	0.0866	0.247	0.00565	34.9	0.0426	33.5	0.00116	0.00105	0.0000055	0.00583	0.00157	0.035	0.0187	0.00000591	18.5	0.0000188	0.000716	0.000239	0.00117
2091 Aug	121	0.0867	0.247	0.00565	35	0.0426	33.5	0.00116	0.00105	0.0000055	0.00583	0.00157	0.035	0.0187	0.00000591	18.5	0.0000188	0.000716	0.000239	0.00118
2091 Sep	121	0.0867	0.247	0.00565	35	0.0426	33.6	0.00116	0.00105	0.0000055	0.00583	0.00158	0.0351	0.0187	0.00000591	18.5	0.0000188	0.000717	0.000239	0.00118
2091 Oct	121	0.0866	0.246	0.00565	34.9	0.0426	33.5	0.00116	0.00104	0.0000055	0.00583	0.00158	0.0351	0.0187	0.00000591	18.5	0.0000188	0.000717	0.000239	0.00117
2091 Nov	121	0.0866	0.246	0.00564	34.9	0.0426	33.5	0.00116	0.00104	0.00000549	0.00583	0.00157	0.0351	0.0187	0.00000591	18.5	0.0000188	0.000717	0.000239	0.00117
2091 Dec	121	0.0866	0.246	0.00564	34.9	0.0426	33.5	0.00116	0.00104	0.00000549	0.00583	0.00157	0.0351	0.0187	0.00000591	18.5	0.0000188	0.000717	0.000239	0.00117
2092 Jan	121	0.0866	0.246	0.00564	34.9	0.0426	33.5	0.00116	0.00104	0.00000549	0.00583	0.00157	0.0351	0.0187	0.00000591	18.5	0.0000188	0.000717	0.000239	0.00117
2092 Feb	121	0.0866	0.246	0.00564	34.9	0.0426	33.5	0.00116	0.00104	0.00000549	0.00583	0.00157	0.0351	0.0187	0.00000591	18.5	0.0000188	0.000717	0.000239	0.00117
2092 Mar	121	0.0866	0.246	0.00564	34.9	0.0426	33.5	0.00116	0.00104	0.00000549	0.00583	0.00157	0.0351	0.0187	0.00000591	18.5	0.0000188	0.000717	0.000239	0.00117
2092 Apr	121	0.0866	0.246	0.00564	34.9	0.0426	33.5	0.00116	0.00104	0.00000549	0.00583	0.00158	0.0351	0.0187	0.00000591	18.5	0.0000188	0.000717	0.000239	0.00117
2092 May	121	0.0866	0.246	0.00564	34.9	0.0427	33.6	0.00116	0.00104	0.0000055	0.00583	0.00158	0.0351	0.0187	0.00000591	18.6	0.0000188	0.000718	0.00024	0.00118
2092 Jun	120	0.0863	0.244	0.0056	34.7	0.0425	33.5	0.00115	0.00104	0.00000548	0.00583	0.00158	0.0351	0.0187	0.00000589	18.6	0.0000188	0.000719	0.000241	0.00117
2092 Jul	120	0.0863	0.244	0.0056	34.7	0.0426	33.5	0.00115	0.00104	0.00000548	0.00583	0.00158	0.0351	0.0188	0.00000589	18.6	0.0000188	0.000719	0.000241	0.00118
2092 Aug	121	0.0865	0.244	0.00561	34.8	0.0426	33.6	0.00115	0.00104	0.00000548	0.00584	0.00158	0.0352	0.0188	0.0000059	18.6	0.0000188	0.000721	0.000241	0.00118
2092 Sep	121	0.0865	0.245	0.00562	34.8	0.0426	33.6	0.00115	0.00104	0.00000549	0.00584	0.00158	0.0352	0.0188	0.0000059	18.6	0.0000188	0.000721	0.000241	0.00118
2092 Oct	121	0.0865	0.245	0.00562	34.8	0.0426	33.6	0.00115	0.00104	0.00000548	0.00584	0.00158	0.0352	0.0188	0.0000059	18.6	0.0000188	0.000721	0.000241	0.00118
2092 Nov	121	0.0865	0.245	0.00562	34.8	0.0426	33.6	0.00115	0.00104	0.00000548	0.00584	0.00158	0.0352	0.0188	0.0000059	18.6	0.0000188	0.000721	0.000241	0.00118
2092 Dec	121	0.0865	0.245	0.00562	34.8	0.0427	33.6	0.00115	0.00104	0.00000548	0.00584	0.00158	0.0352	0.0188	0.0000059	18.6	0.0000188	0.000721	0.000241	0.00118
2093 Jan	121	0.0865	0.245	0.00562	34.8	0.0427	33.6	0.00115	0.00104	0.00000548	0.00584	0.00158	0.0352	0.0188	0.0000059	18.6	0.0000188	0.000721	0.000241	0.00118
2093 Feb	121	0.0865	0.245	0.00562	34.8	0.0427	33.6	0.00115	0.00104	0.00000548	0.00584	0.00158	0.0352	0.0188	0.0000059	18.6	0.0000188	0.000721	0.000241	0.00118
2093 Mar	121	0.0865	0.245	0.00562	34.8	0.0427	33.6	0.00115	0.00104	0.00000549	0.00584	0.00158	0.0352	0.0188	0.0000059	18.6	0.0000188	0.000721	0.000241	0.00118
2093 Apr	121	0.0865	0.245	0.00562	34.8	0.0427	33.6	0.00115	0.00104	0.00000549	0.00584	0.00158	0.0352	0.0188	0.0000059	18.6	0.0000188	0.000721	0.000241	0.00118
2093 May	121	0.0866	0.245	0.00562	34.8	0.0427	33.7	0.00115	0.00104	0.00000549	0.00585	0.00158	0.0352	0.0188	0.0000059	18.7	0.0000188	0.000722	0.000242	0.00118
2093 Jun	121	0.0863	0.243	0.0056	34.7	0.0427	33.7	0.00115	0.00104	0.00000548	0.00585	0.00158	0.0353	0.0189	0.00000589	18.7	0.0000189	0.000725	0.000243	0.00118
2093 Jul	121	0.0865	0.244	0.00561	34.8	0.0427	33.7	0.00115	0.00104	0.00000549	0.00586	0.00159	0.0354	0.0189	0.0000059	18.7	0.0000189	0.000726	0.000243	0.00118
2093 Aug	121	0.0866	0.244	0.00562	34.8	0.0428	33.8	0.00115	0.00104	0.00000549	0.00587	0.00159	0.0354	0.0189	0.00000591	18.8	0.0000189	0.000727	0.000243	0.00118
2093 Sep	121	0.0867	0.244	0.00562	34.9	0.0428	33.8	0.00115	0.00104	0.00000549	0.00587	0.00159	0.0354	0.0189	0.00000591	18.8	0.0000189	0.000727	0.000243	0.00118
2093 Oct	121	0.0866	0.244	0.00561	34.8	0.0428	33.8	0.00115	0.00104	0.00000549	0.00586	0.00159	0.0355	0.0189	0.0000059	18.8	0.0000189	0.000728	0.000243	0.00118
2093 Nov	121	0.0865	0.244	0.00561	34.8	0.0428	33.8	0.00115	0.00104	0.00000548	0.00586	0.00159	0.0355	0.0189	0.0000059	18.8	0.0000189	0.000728	0.000244	0.00118
2093 Dec	121	0.0865	0.244	0.00561	34.8	0.0428	33.8	0.00115	0.00104	0.00000548	0.00586	0.00159	0.0355	0.0189	0.0000059	18.8	0.0000189	0.000728	0.000244	0.00118
2094 Jan	121	0.0865	0.244	0.00561	34.8	0.0428	33.8	0.00115	0.00104	0.00000548	0.00586	0.00159	0.0355	0.0189	0.0000059	18.8	0.0000189	0.000728	0.000244	0.00118
2094 Feb	121	0.0865	0.244	0.00561	34.8	0.0428	33.8	0.00115	0.00104	0.00000548	0.00586	0.00159	0.0355	0.0189	0.0000059	18.8	0.0000189	0.000728	0.000244	0.00118
2094 Mar	121	0.0865	0.244	0.00561	34.8	0.0428	33.8	0.00115	0.00104	0.00000548	0.00586	0.00159	0.0355	0.0189	0.0000059	18.8	0.0000189	0.000728	0.000244	0.00118
2094 Apr	121	0.0865	0.244	0.00561	34.8	0.0428	33.8	0.00115	0.00104	0.00000549	0.00586	0.00159	0.0355	0.0189	0.0000059	18.8	0.0000189	0.000728	0.000244	0.00118
2094 May	121	0.0865	0.243	0.0056	34.8	0.0428	33.8	0.00115	0.00104	0.00000548	0.00587	0.00159	0.0355	0.019	0.0000059	18.8	0.0000189	0.000729	0.000244	0.00118
2094 Jun	121	0.0865	0.243	0.00559	34.7	0.0428	33.9	0.00115	0.00104	0.00000548	0.00587	0.00159	0.0356	0.019	0.0000059	18.8	0.000019	0.000731	0.000245	0.00118
2094 Jul	121	0.0867	0.243	0.0056	34.8	0.0429	34	0.00115	0.00104	0.00000549	0.00589	0.0016	0.0356	0.019	0.00000591	18.9	0.000019	0.000733	0.000245	0.00119
2094 Aug	122	0.0869	0.244	0.00562	34.9	0.043	34	0.00116	0.00105	0.00000551	0.0059	0.0016	0.0357	0.0191	0.00000592	18.9	0.0000191	0.000735	0.000246	0.00119
2094 Sep	122	0.087	0.244	0.00562	34.9	0.043	34.1	0.00116	0.00105	0.00000551	0.0059	0.0016	0.0358	0.0191	0.00000592	18.9	0.0000191	0.000735	0.000246	0.00119
2094 Oct	122	0.0869	0.244	0.00562	34.9	0.043	34.1	0.00115	0.00104	0.0000055	0.0059	0.0016	0.0358	0.0191	0.00000592	18.9	0.0000191	0.000735	0.000246	0.00119
2094 Nov	122	0.0869	0.243	0.00561	34.8	0.043	34.1	0.00115	0.00104	0.0000055	0.0059	0.0016	0.0358	0.0191	0.00000591	18.9	0.0000191	0.000736	0.000246	0.00119
2094 Dec	122	0.0869	0.243	0.00561	34.8	0.043	34.1	0.00115	0.00104	0.0000055	0.0059	0.0016	0.0358	0.0191	0.00000591	18.9	0.0000191	0.000736	0.000246	0.00119
2095 Jan	122	0.0869	0.243	0.00561	34.8	0.043	34.1	0.00115	0.00104	0.0000055	0.0059	0.0016	0.0358	0.0191	0.00000591	18.9	0.0000191	0.000736	0.000246	0.00119
2095 Feb	122	0.0869	0.243	0.00561	34.8	0.043	34.1	0.00115	0.00104	0.0000055	0.0059	0.0016	0.0358	0.0191	0.00000591	18.9	0.0000191	0.000736	0.000246	0.00119
2095 Mar	122	0.0869	0.243	0.00561	34.8	0.043	34.1	0.00115	0.00104	0.0000055	0.0059	0.0016	0.0358	0.0191	0.00000591	18.9	0.0000191	0.000736	0.000246	0.00119

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	122	0.0869	0.243	0.00561	34.8	0.043	34.1	0.00115	0.00104	0.0000055	0.0059	0.0016	0.0358	0.0191	0.00000591	18.9	0.0000191	0.000736	0.000246	0.00119
2095 May	122	0.0869	0.243	0.00561	34.8	0.043	34.1	0.00115	0.00104	0.0000055	0.0059	0.0016	0.0358	0.0191	0.00000591	18.9	0.0000191	0.000737	0.000246	0.00119
2095 Jun	122	0.087	0.243	0.00561	34.8	0.0431	34.2	0.00115	0.00104	0.0000055	0.00591	0.0016	0.0359	0.0192	0.00000592	19	0.0000191	0.000739	0.000247	0.00119
2095 Jul	122	0.0872	0.244	0.00562	34.9	0.0432	34.3	0.00116	0.00105	0.00000551	0.00592	0.00161	0.036	0.0192	0.00000593	19	0.0000191	0.00074	0.000247	0.00119
2095 Aug	122	0.0872	0.244	0.00563	35	0.0432	34.3	0.00116	0.00105	0.00000551	0.00592	0.00161	0.036	0.0192	0.00000593	19	0.0000191	0.000741	0.000247	0.00119
2095 Sep	122	0.0873	0.244	0.00563	35	0.0432	34.3	0.00116	0.00105	0.00000551	0.00592	0.00161	0.036	0.0192	0.00000593	19	0.0000192	0.000741	0.000248	0.00119
2095 Oct	122	0.0873	0.244	0.00563	35	0.0432	34.4	0.00116	0.00105	0.00000551	0.00592	0.00161	0.036	0.0192	0.00000593	19	0.0000192	0.000741	0.000248	0.00119
2095 Nov	122	0.0873	0.244	0.00563	35	0.0432	34.4	0.00116	0.00105	0.00000551	0.00592	0.00161	0.0361	0.0192	0.00000593	19	0.0000192	0.000742	0.000248	0.00119
2095 Dec	122	0.0873	0.244	0.00563	35	0.0432	34.4	0.00116	0.00105	0.00000551	0.00592	0.00161	0.0361	0.0192	0.00000593	19	0.0000192	0.000742	0.000248	0.00119
2096 Jan	122	0.0873	0.244	0.00563	35	0.0432	34.4	0.00116	0.00105	0.00000551	0.00592	0.00161	0.0361	0.0192	0.00000593	19	0.0000192	0.000742	0.000248	0.0012
2096 Feb	122	0.0873	0.244	0.00563	35	0.0432	34.4	0.00116	0.00105	0.00000551	0.00592	0.00161	0.0361	0.0192	0.00000593	19	0.0000192	0.000742	0.000248	0.0012
2096 Mar	122	0.0873	0.244	0.00563	35	0.0432	34.4	0.00116	0.00105	0.00000551	0.00592	0.00161	0.0361	0.0192	0.00000593	19	0.0000192	0.000742	0.000248	0.0012
2096 Apr	122	0.0873	0.244	0.00563	35	0.0432	34.4	0.00116	0.00105	0.00000551	0.00592	0.00161	0.0361	0.0192	0.00000593	19	0.0000192	0.000742	0.000248	0.0012
2096 May	122	0.0873	0.244	0.00563	35	0.0433	34.4	0.00116	0.00105	0.00000552	0.00593	0.00161	0.0361	0.0192	0.00000593	19	0.0000192	0.000743	0.000248	0.0012
2096 Jun	122	0.087	0.242	0.0056	34.8	0.0433	34.4	0.00115	0.00104	0.0000055	0.00593	0.00161	0.0362	0.0193	0.00000592	19.1	0.0000192	0.000748	0.000249	0.0012
2096 Jul	122	0.0871	0.242	0.0056	34.9	0.0433	34.5	0.00115	0.00104	0.00000551	0.00594	0.00162	0.0363	0.0193	0.00000593	19.1	0.0000192	0.000749	0.00025	0.0012
2096 Aug	123	0.0873	0.243	0.00561	34.9	0.0434	34.6	0.00115	0.00105	0.00000552	0.00595	0.00162	0.0364	0.0194	0.00000594	19.2	0.0000193	0.000751	0.00025	0.0012
2096 Sep	123	0.0873	0.243	0.00562	34.9	0.0434	34.6	0.00115	0.00105	0.00000552	0.00595	0.00162	0.0364	0.0194	0.00000594	19.2	0.0000193	0.000751	0.00025	0.0012
2096 Oct	123	0.0872	0.242	0.00561	34.9	0.0434	34.6	0.00115	0.00104	0.00000551	0.00595	0.00162	0.0364	0.0193	0.00000593	19.2	0.0000193	0.000751	0.00025	0.0012
2096 Nov	123	0.0872	0.242	0.00561	34.9	0.0434	34.6	0.00115	0.00104	0.00000551	0.00595	0.00162	0.0364	0.0193	0.00000593	19.2	0.0000193	0.000751	0.00025	0.0012
2096 Dec	123	0.0872	0.242	0.00561	34.9	0.0434	34.6	0.00115	0.00104	0.00000551	0.00595	0.00162	0.0364	0.0193	0.00000593	19.2	0.0000193	0.000751	0.00025	0.0012
2097 Jan	123	0.0872	0.242	0.00561	34.9	0.0434	34.6	0.00115	0.00104	0.00000551	0.00595	0.00162	0.0364	0.0193	0.00000593	19.2	0.0000193	0.000751	0.00025	0.0012
2097 Feb	123	0.0872	0.242	0.00561	34.9	0.0434	34.6	0.00115	0.00104	0.00000551	0.00595	0.00162	0.0364	0.0193	0.00000593	19.2	0.0000193	0.000751	0.00025	0.0012
2097 Mar	123	0.0872	0.242	0.00561	34.9	0.0434	34.6	0.00115	0.00104	0.00000551	0.00595	0.00162	0.0364	0.0193	0.00000593	19.2	0.0000193	0.000751	0.00025	0.0012
2097 Apr	123	0.0872	0.242	0.00561	34.9	0.0434	34.6	0.00115	0.00105	0.00000551	0.00595	0.00162	0.0364	0.0194	0.00000593	19.2	0.0000193	0.000751	0.00025	0.0012
2097 May	123	0.0873	0.243	0.00561	34.9	0.0434	34.6	0.00115	0.00105	0.00000551	0.00596	0.00162	0.0364	0.0194	0.00000593	19.2	0.0000193	0.000752	0.00025	0.0012
2097 Jun	123	0.0872	0.242	0.0056	34.8	0.0434	34.6	0.00115	0.00104	0.00000551	0.00596	0.00162	0.0365	0.0194	0.00000593	19.2	0.0000193	0.000753	0.00025	0.0012
2097 Jul	123	0.0874	0.242	0.00561	34.9	0.0435	34.7	0.00115	0.00105	0.00000552	0.00597	0.00162	0.0366	0.0194	0.00000594	19.2	0.0000194	0.000755	0.000251	0.0012
2097 Aug	123	0.0875	0.243	0.00562	35	0.0436	34.8	0.00116	0.00105	0.00000553	0.00598	0.00163	0.0366	0.0195	0.00000595	19.3	0.0000194	0.000756	0.000251	0.00121
2097 Sep	123	0.0876	0.243	0.00563	35	0.0436	34.8	0.00116	0.00105	0.00000553	0.00598	0.00163	0.0366	0.0195	0.00000595	19.3	0.0000194	0.000756	0.000251	0.00121
2097 Oct	123	0.0876	0.243	0.00563	35	0.0436	34.8	0.00116	0.00105	0.00000553	0.00598	0.00163	0.0367	0.0195	0.00000595	19.3	0.0000194	0.000756	0.000251	0.00121
2097 Nov	123	0.0876	0.243	0.00563	35	0.0436	34.8	0.00116	0.00105	0.00000553	0.00598	0.00163	0.0366	0.0195	0.00000595	19.3	0.0000194	0.000756	0.000251	0.00121
2097 Dec	123	0.0876	0.243	0.00563	35	0.0436	34.8	0.00116	0.00105	0.00000553	0.00598	0.00163	0.0366	0.0195	0.00000595	19.3	0.0000194	0.000756	0.000251	0.00121
2098 Jan	123	0.0876	0.243	0.00563	35	0.0436	34.8	0.00116	0.00105	0.00000553	0.00598	0.00163	0.0366	0.0195	0.00000595	19.3	0.0000194	0.000756	0.000251	0.00121
2098 Feb	123	0.0876	0.243	0.00563	35	0.0436	34.8	0.00116	0.00105	0.00000553	0.00598	0.00163	0.0366	0.0195	0.00000595	19.3	0.0000194	0.000756	0.000251	0.00121
2098 Mar	123	0.0876	0.243	0.00563	35	0.0436	34.8	0.00116	0.00105	0.00000553	0.00598	0.00163	0.0366	0.0195	0.00000595	19.3	0.0000194	0.000756	0.000251	0.00121
2098 Apr	123	0.0876	0.243	0.00563	35	0.0436	34.8	0.00116	0.00105	0.00000553	0.00598	0.00163	0.0367	0.0195	0.00000595	19.3	0.0000194	0.000756	0.000251	0.00121
2098 May	123	0.0876	0.243	0.00562	35	0.0436	34.8	0.00116	0.00105	0.00000553	0.00599	0.00163	0.0367	0.0195	0.00000595	19.3	0.0000194	0.000757	0.000252	0.00121
2098 Jun	123	0.0874	0.241	0.00559	34.8	0.0435	34.7	0.00115	0.00105	0.00000551	0.00598	0.00163	0.0366	0.0196	0.00000593	19.3	0.0000194	0.000757	0.000253	0.00121
2098 Jul	123	0.0875	0.242	0.0056	34.9	0.0436	34.8	0.00115	0.00105	0.00000553	0.006	0.00163	0.0367	0.0196	0.00000595	19.4	0.0000195	0.000759	0.000254	0.00121
2098 Aug	123	0.0876	0.242	0.00561	35	0.0436	34.9	0.00116	0.00105	0.00000553	0.006	0.00163	0.0367	0.0196	0.00000595	19.4	0.0000195	0.000759	0.000254	0.00121
2098 Sep	123	0.0876	0.242	0.00561	34.9	0.0436	34.9	0.00115	0.00105	0.00000552	0.006	0.00163	0.0367	0.0196	0.00000594	19.4	0.0000195	0.000759	0.000254	0.00121
2098 Oct	123	0.0875	0.241	0.0056	34.9	0.0436	34.9	0.00115	0.00105	0.00000552	0.00599	0.00163	0.0367	0.0196	0.00000594	19.4	0.0000195	0.000759	0.000254	0.00121
2098 Nov	123	0.0875	0.241	0.0056	34.9	0.0436	34.9	0.00115	0.00105	0.00000551	0.00599	0.00163	0.0367	0.0196	0.00000594	19.4	0.0000195	0.000759	0.000254	0.00121
2098 Dec	123	0.0875	0.241	0.0056	34.9	0.0436	34.9	0.00115	0.00105	0.00000551	0.00599	0.00163	0.0367	0.0196	0.00000594	19.4	0.0000195	0.000759	0.000254	0.00121
2099 Jan	123	0.0875	0.241	0.0056	34.9	0.0436	34.9	0.00115	0.00105	0.00000551	0.00599	0.00163	0.0367	0.0196	0.00000594	19.4	0.0000195	0.000759	0.000254	0.00121
2099 Feb	123	0.0875	0.241	0.0056	34.9	0.0436	34.9	0.00115	0.00105	0.00000551	0.00599	0.00163	0.0367	0.0196	0.00000594	19.4	0.0000195	0.000759	0.000254	0.00121
2099 Mar	123	0.0875	0.241	0.0056	34.9	0.0436	34.9	0.00115	0.00105	0.00000551	0.00599	0.00163	0.0367	0.0196	0.00000594	19.4	0.0000195	0.00076	0.000254	0.00121
2099 Apr	123	0.0875	0.241	0.0056	34.9	0.0436	34.9	0.00115	0.00105	0.00000552	0.00599	0.00163	0.0367	0.0196	0.00000594	19.4	0.0000195	0.00076	0.000254	0.00121
2099 May	123	0.0874	0.24	0.00558	34.8	0.0436	34.8	0.00115	0.00104	0.00000551	0.00599	0.00163	0.0367	0.0197	0.00000593	19.4	0.0000195	0.00076	0.000255	0.00121
2099 Jun	123	0.0874	0.24	0.00557	34.8	0.0435	34.8	0.00115	0.00104	0.0000055	0.00599	0.00163	0.0367	0.0197	0.00000592	19.4	0.0000195	0.00076	0.000255	0.00121
2099 Jul	123	0.0876	0.24	0.00559	34.9	0.0436	34.9	0.00115	0.00104	0.00000551	0.006	0.00164	0.0368	0.0197	0.00000593	19.5	0.0000195	0.000762	0.000255	0.00121
2099 Aug	123	0.0878	0.241	0.0056	34.9	0.0437	35	0.00115	0.00105	0.00000552	0.00601	0.00164	0.0369	0.0197	0.00000594	19.5	0.0000195	0.000763	0.000256	0.00121
2099 Sep	123	0.0878	0.241	0.0056	34.9	0.0437	35	0.00115	0.00105	0.00000552	0.00601	0.00164	0.0369	0.0197	0.00000594	19.5	0.0000195	0.000763	0.000256	0.00121
2099 Oct	123	0.0877	0.241	0.0056	34.9	0.0437	35	0.00115	0.00105	0.00000551	0.00601	0.00164	0.0369	0.0197	0.00000594	19.5	0.0000195	0.000763	0.000256	0.00121
2099 Nov	123	0.0877	0.24	0.00559	34.9	0.0437	35	0.00115	0.00104	0.00000551	0.00601	0.00164	0.0369	0.0197	0.00000594	19.5	0.0000195	0.000763	0.000256	0.00121
2099 Dec	123	0.0877	0.24	0.00559	34.9	0.0437	35	0.00115	0.00104	0.00000551	0.00601	0.00164	0.0369	0.0197	0.00000594	19.5	0.0000195	0.000763	0.000256	0.00121
2100 Jan	123	0.0877	0.24	0.00559	34.9	0.0437	35	0.00115	0.00104	0.00000551	0.00601	0.00164	0.0369	0.0197	0.00000594	19.5	0.0000195	0.000763	0.000256	0.00121
2100 Feb	123	0.0877	0.24	0.00559	34.9	0.0437	35	0.00115	0.00104	0.00000551	0.00601	0.00164	0.0369	0.0197	0.00000594	19.5	0.0000195	0.000763	0.000256	0.00121
2100 Mar	123	0.0877	0.24	0.00559	34.9	0.0437	35	0.00115	0.00104	0.00000551	0.00601	0.00164	0.0369	0.0197	0.00000594	19.5	0.0000195	0.000763	0.000256	0.00121
2100 Apr	123	0.0877	0.24	0.00559	34.9	0.0437	35	0.00115	0.00104	0.00000551	0.00601	0.00164	0.0369	0.0197	0.00000594	19.5	0.0000195	0.000764	0.000256	0.00121
2100 May	123	0.0877	0.24	0.00559	34.9	0.0437	35	0.00115	0.00104	0.00000551	0.00601	0.00164	0.0369	0.0198	0.00000594	19.5	0.0000195	0.000764	0.000256	0.00121
2100 Jun	123	0.0875	0.239	0.00556	34.8	0.0436	35	0.00115	0.00104	0.0000055	0.00601	0.00164	0.0369	0.0198	0.00000592	19.5	0.0000195	0.000765	0.000257	0.00121
2100 Jul	123	0.0876	0.239	0.00557	34.8	0.0436	35	0.00115	0.00104	0.0000055	0.00601	0.00164	0.0369	0.0198	0.00000593	19.6	0.0000195	0.000765	0.000258	0.00121
2100 Aug	123	0.0877	0.239	0.00558	34.8	0.0437	35.1	0.00115	0.00104	0.0000055	0.00601	0.00164	0.037	0.0198	0.00000593	19.6	0.0000196	0.000766	0.000258	0.00121
2100 Sep	123	0.0877	0.239	0.00558	34.8	0.0437	35.1	0.00115	0.00104	0.0000055	0.00602	0.00164	0.037	0.0198	0.00000593	19.6	0.0000196	0.000766	0.000258	0.00121
2100 Oct	124	0.0877	0.239	0.00558	34.9	0.0437	35.1	0.00115	0.00104	0.0000055	0.00602	0.00164	0.037	0.0198	0.00000593	19.6	0.0000196	0.000766	0.000258	0.00121
2100 Nov	124	0.0877	0.24	0.00558	34.9	0.0437	35.1	0.00115	0.00104	0.0000055	0.00602	0.00164	0.037	0.0198	0.00000593	19.6	0.0000196	0.000766	0.000258	0.00121
2100 Dec	124	0.0877	0.24	0.00558	34.9	0.0437	35.1	0.00115	0.00104	0.0000055	0.00602	0.00164	0.037	0.0198	0.00000593	19.6	0.0000196	0.000766	0.000258	0.00121
2101 Jan	124	0.0877	0.24	0.00558	34.9	0.0437	35.1	0.00115	0.00104	0.0000055	0.00602	0.00164	0.037	0.0198	0.00000593	19.6	0.0000196	0.000766	0.000258	0.00121
2101 Feb	124	0.0877	0.24	0.00558	34.9	0.0437	35.1	0.00115	0.00104	0.0000055	0.00602	0.00164	0.037	0.0198	0.00000593	19.6	0.0000196	0.000766	0.000258	0.00121
2101 Mar	124	0.0877	0.24	0.00558	34.9	0.0437	35.1	0.00115	0.00104	0.0000055	0.00602	0.00164	0.037	0.0198	0.00000593	19.6	0.0000196	0.000767	0.000258	0.00121
2101 Apr	124	0.0877	0.24	0.00558	34.9	0.0437	35.1	0.00115	0.00104	0.0000055	0.00602	0.00165	0.037	0.0198	0.00000593	19.6	0.0000196	0.000767	0.000258	0.00121
2101 May	124	0.0877	0.239	0.00558	34.8	0.0437	35.1	0.00115	0.00104	0.0000055	0.00602	0.00165	0.037	0.0199	0.00000593	19.6	0.0000196	0.000767	0.000258	0.00121
2101 Jun	123	0.0876	0.238	0.00556	34.8	0.0436	35.1	0.00115	0.00104	0.0000055	0.00602	0.00165	0.037	0.0199	0.00000592	19.6	0.0000196	0.000768	0.000259	0.00121
2101 Jul	124	0.0878	0.239	0.00557	34.8	0.0437	35.2	0.00115	0.00104	0.00000551	0.00603	0.00165	0.0371	0.0199	0.00000593	19.7	0.0000196	0.000769	0.000259	0.00122
2101 Aug	124	0.0879	0.239	0.00558	34.9	0.0438	35.3	0.00115	0.00104	0.00000552	0.00604	0.00165	0.0372	0.02	0.00000594	19.7	0.0000197	0.000771	0.00026	0.00122

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	124	0.088	0.24	0.00559	34.9	0.0438	35.3	0.00115	0.00104	0.00000552	0.00604	0.00165	0.0372	0.02	0.00000594	19.7	0.0000197	0.000771	0.00026	0.00122
2101 Oct	124	0.088	0.24	0.00559	34.9	0.0438	35.3	0.00115	0.00104	0.00000551	0.00604	0.00165	0.0372	0.02	0.00000594	19.7	0.0000197	0.000771	0.00026	0.00122
2101 Nov	124	0.0879	0.239	0.00559	34.9	0.0438	35.3	0.00115	0.00104	0.00000551	0.00604	0.00165	0.0372	0.02	0.00000594	19.7	0.0000197	0.000771	0.00026	0.00122
2101 Dec	124	0.0879	0.239	0.00559	34.9	0.0438	35.3	0.00115	0.00104	0.00000551	0.00604	0.00165	0.0372	0.02	0.00000594	19.7	0.0000197	0.000771	0.00026	0.00122
2102 Jan	124	0.0879	0.239	0.00559	34.9	0.0438	35.3	0.00115	0.00104	0.00000551	0.00604	0.00165	0.0372	0.02	0.00000594	19.7	0.0000197	0.000771	0.00026	0.00122
2102 Feb	124	0.0879	0.239	0.00559	34.9	0.0438	35.3	0.00115	0.00104	0.00000551	0.00604	0.00165	0.0372	0.02	0.00000594	19.7	0.0000197	0.000771	0.00026	0.00122
2102 Mar	124	0.0879	0.239	0.00559	34.9	0.0438	35.3	0.00115	0.00104	0.00000551	0.00604	0.00165	0.0372	0.02	0.00000594	19.7	0.0000197	0.000771	0.00026	0.00122
2102 Apr	124	0.0879	0.239	0.00559	34.9	0.0438	35.3	0.00115	0.00104	0.00000551	0.00604	0.00165	0.0372	0.02	0.00000594	19.7	0.0000197	0.000771	0.00026	0.00122
2102 May	124	0.088	0.24	0.00559	34.9	0.0438	35.3	0.00115	0.00104	0.00000552	0.00604	0.00165	0.0372	0.02	0.00000594	19.7	0.0000197	0.000772	0.00026	0.00122
2102 Jun	124	0.0877	0.238	0.00556	34.8	0.0438	35.3	0.00115	0.00104	0.00000551	0.00604	0.00165	0.0372	0.02	0.00000593	19.7	0.0000197	0.000772	0.00026	0.00122
2102 Jul	124	0.0876	0.238	0.00555	34.7	0.0438	35.3	0.00115	0.00104	0.0000055	0.00605	0.00165	0.0372	0.02	0.00000593	19.7	0.0000197	0.000773	0.00026	0.00122
2102 Aug	124	0.0877	0.238	0.00556	34.8	0.0438	35.3	0.00115	0.00104	0.00000551	0.00606	0.00166	0.0373	0.02	0.00000594	19.7	0.0000197	0.000774	0.00026	0.00122
2102 Sep	124	0.0877	0.238	0.00557	34.8	0.0438	35.4	0.00115	0.00104	0.00000551	0.00606	0.00166	0.0373	0.02	0.00000594	19.7	0.0000197	0.000775	0.000261	0.00122
2102 Oct	124	0.0876	0.238	0.00556	34.8	0.0438	35.3	0.00115	0.00104	0.0000055	0.00605	0.00165	0.0373	0.02	0.00000593	19.7	0.0000197	0.000774	0.00026	0.00122
2102 Nov	124	0.0876	0.238	0.00556	34.8	0.0438	35.3	0.00115	0.00104	0.0000055	0.00605	0.00165	0.0373	0.02	0.00000593	19.7	0.0000197	0.000774	0.00026	0.00122
2102 Dec	124	0.0876	0.238	0.00556	34.8	0.0438	35.3	0.00115	0.00104	0.0000055	0.00605	0.00165	0.0373	0.02	0.00000593	19.7	0.0000197	0.000774	0.00026	0.00122
2103 Jan	124	0.0876	0.238	0.00556	34.8	0.0438	35.3	0.00115	0.00104	0.0000055	0.00606	0.00165	0.0373	0.02	0.00000593	19.7	0.0000197	0.000774	0.00026	0.00122
2103 Feb	124	0.0876	0.238	0.00556	34.8	0.0438	35.3	0.00115	0.00104	0.0000055	0.00606	0.00165	0.0373	0.02	0.00000593	19.7	0.0000197	0.000774	0.00026	0.00122
2103 Mar	124	0.0876	0.238	0.00556	34.8	0.0438	35.3	0.00115	0.00104	0.0000055	0.00606	0.00165	0.0373	0.02	0.00000593	19.7	0.0000197	0.000774	0.00026	0.00122
2103 Apr	124	0.0876	0.238	0.00556	34.8	0.0438	35.3	0.00115	0.00104	0.00000551	0.00606	0.00166	0.0373	0.02	0.00000593	19.7	0.0000197	0.000774	0.00026	0.00122
2103 May	124	0.0876	0.238	0.00556	34.7	0.0438	35.4	0.00115	0.00104	0.00000551	0.00606	0.00166	0.0373	0.02	0.00000593	19.7	0.0000197	0.000775	0.00026	0.00122
2103 Jun	124	0.0874	0.236	0.00553	34.6	0.0437	35.3	0.00114	0.00104	0.00000549	0.00606	0.00165	0.0373	0.02	0.00000592	19.7	0.0000197	0.000775	0.000261	0.00122
2103 Jul	124	0.0875	0.236	0.00554	34.7	0.0438	35.3	0.00114	0.00104	0.0000055	0.00607	0.00166	0.0373	0.0201	0.00000592	19.7	0.0000198	0.000776	0.000261	0.00122
2103 Aug	124	0.0875	0.236	0.00554	34.7	0.0438	35.4	0.00114	0.00104	0.0000055	0.00607	0.00166	0.0374	0.0201	0.00000592	19.8	0.0000198	0.000776	0.000261	0.00122
2103 Sep	124	0.0874	0.236	0.00554	34.6	0.0438	35.4	0.00114	0.00104	0.0000055	0.00607	0.00166	0.0373	0.0201	0.00000592	19.8	0.0000198	0.000776	0.000261	0.00122
2103 Oct	124	0.0873	0.236	0.00552	34.6	0.0437	35.3	0.00114	0.00104	0.00000549	0.00606	0.00166	0.0373	0.02	0.00000591	19.7	0.0000197	0.000775	0.000261	0.00122
2103 Nov	123	0.0872	0.236	0.00552	34.6	0.0437	35.3	0.00114	0.00104	0.00000549	0.00606	0.00166	0.0373	0.02	0.00000591	19.7	0.0000197	0.000775	0.000261	0.00122
2103 Dec	123	0.0872	0.236	0.00552	34.6	0.0437	35.3	0.00114	0.00104	0.00000549	0.00606	0.00166	0.0373	0.02	0.00000591	19.7	0.0000197	0.000775	0.000261	0.00122
2104 Jan	123	0.0872	0.236	0.00552	34.6	0.0437	35.3	0.00114	0.00104	0.00000549	0.00606	0.00166	0.0373	0.02	0.00000591	19.7	0.0000197	0.000775	0.000261	0.00122
2104 Feb	123	0.0872	0.236	0.00552	34.6	0.0437	35.3	0.00114	0.00104	0.00000549	0.00606	0.00166	0.0373	0.02	0.00000591	19.7	0.0000197	0.000775	0.000261	0.00122
2104 Mar	123	0.0872	0.236	0.00552	34.6	0.0437	35.3	0.00114	0.00104	0.00000549	0.00606	0.00166	0.0373	0.02	0.00000591	19.7	0.0000197	0.000775	0.000261	0.00122
2104 Apr	124	0.0873	0.236	0.00552	34.6	0.0437	35.3	0.00114	0.00104	0.00000549	0.00606	0.00166	0.0373	0.02	0.00000591	19.7	0.0000197	0.000775	0.000261	0.00122
2104 May	123	0.0873	0.235	0.00552	34.5	0.0438	35.3	0.00114	0.00104	0.00000549	0.00606	0.00166	0.0373	0.0201	0.00000591	19.7	0.0000198	0.000776	0.000261	0.00122
2104 Jun	123	0.0871	0.234	0.0055	34.4	0.0437	35.3	0.00114	0.00104	0.00000547	0.00606	0.00165	0.0373	0.0201	0.0000059	19.7	0.0000197	0.000775	0.000261	0.00122
2104 Jul	123	0.0872	0.235	0.00551	34.5	0.0437	35.3	0.00114	0.00104	0.00000548	0.00607	0.00166	0.0373	0.0201	0.0000059	19.8	0.0000198	0.000776	0.000262	0.00122
2104 Aug	124	0.0873	0.235	0.00552	34.6	0.0438	35.4	0.00114	0.00104	0.00000549	0.00607	0.00166	0.0374	0.0201	0.00000591	19.8	0.0000198	0.000777	0.000262	0.00122
2104 Sep	124	0.0873	0.235	0.00552	34.6	0.0438	35.4	0.00114	0.00104	0.00000549	0.00607	0.00166	0.0374	0.0201	0.00000591	19.8	0.0000198	0.000777	0.000262	0.00122
2104 Oct	124	0.0873	0.235	0.00551	34.5	0.0437	35.4	0.00114	0.00104	0.00000548	0.00607	0.00166	0.0374	0.0201	0.0000059	19.8	0.0000198	0.000777	0.000262	0.00122
2104 Nov	123	0.0872	0.235	0.00551	34.5	0.0437	35.4	0.00114	0.00104	0.00000548	0.00607	0.00166	0.0374	0.0201	0.0000059	19.8	0.0000198	0.000777	0.000262	0.00122
2104 Dec	123	0.0872	0.235	0.00551	34.5	0.0437	35.4	0.00114	0.00104	0.00000548	0.00607	0.00166	0.0374	0.0201	0.0000059	19.8	0.0000198	0.000777	0.000262	0.00122
2105 Jan	123	0.0872	0.234	0.00551	34.5	0.0437	35.4	0.00114	0.00104	0.00000548	0.00607	0.00166	0.0374	0.0201	0.0000059	19.8	0.0000198	0.000777	0.000262	0.00122
2105 Feb	123	0.0872	0.234	0.00551	34.5	0.0437	35.4	0.00114	0.00104	0.00000548	0.00607	0.00166	0.0374	0.0201	0.0000059	19.8	0.0000198	0.000777	0.000262	0.00122
2105 Mar	123	0.0872	0.235	0.00551	34.5	0.0437	35.4	0.00114	0.00104	0.00000548	0.00607	0.00166	0.0374	0.0201	0.0000059	19.8	0.0000198	0.000777	0.000262	0.00122
2105 Apr	124	0.0873	0.235	0.00551	34.5	0.0437	35.4	0.00114	0.00104	0.00000548	0.00607	0.00166	0.0374	0.0201	0.0000059	19.8	0.0000198	0.000777	0.000262	0.00122
2105 May	124	0.0873	0.234	0.00551	34.5	0.0438	35.4	0.00114	0.00104	0.00000548	0.00607	0.00166	0.0374	0.0201	0.0000059	19.8	0.0000198	0.000777	0.000262	0.00122
2105 Jun	123	0.0873	0.234	0.0055	34.5	0.0438	35.4	0.00114	0.00104	0.00000548	0.00607	0.00166	0.0374	0.0202	0.0000059	19.8	0.0000198	0.000778	0.000263	0.00122
2105 Jul	124	0.0874	0.234	0.00551	34.5	0.0438	35.5	0.00114	0.00104	0.00000548	0.00608	0.00166	0.0375	0.0202	0.00000591	19.8	0.0000198	0.000779	0.000263	0.00122
2105 Aug	124	0.0874	0.235	0.00551	34.5	0.0438	35.5	0.00114	0.00104	0.00000548	0.00608	0.00166	0.0375	0.0202	0.00000591	19.8	0.0000198	0.000779	0.000263	0.00122
2105 Sep	124	0.0874	0.234	0.00551	34.5	0.0438	35.5	0.00114	0.00104	0.00000548	0.00608	0.00166	0.0375	0.0202	0.0000059	19.8	0.0000198	0.000779	0.000263	0.00122
2105 Oct	124	0.0873	0.234	0.0055	34.5	0.0438	35.5	0.00114	0.00104	0.00000547	0.00607	0.00166	0.0375	0.0202	0.0000059	19.8	0.0000198	0.000779	0.000263	0.00122
2105 Nov	124	0.0873	0.234	0.0055	34.5	0.0438	35.5	0.00113	0.00103	0.00000547	0.00607	0.00166	0.0375	0.0202	0.00000589	19.8	0.0000198	0.000779	0.000263	0.00122
2105 Dec	124	0.0873	0.234	0.0055	34.5	0.0438	35.5	0.00113	0.00103	0.00000547	0.00607	0.00166	0.0375	0.0202	0.00000589	19.8	0.0000198	0.000779	0.000263	0.00122
2106 Jan	124	0.0873	0.234	0.0055	34.5	0.0438	35.5	0.00113	0.00103	0.00000547	0.00607	0.00166	0.0375	0.0202	0.00000589	19.8	0.0000198	0.000779	0.000263	0.00122
2106 Feb	124	0.0873	0.234	0.0055	34.5	0.0438	35.5	0.00113	0.00103	0.00000547	0.00607	0.00166	0.0375	0.0202	0.00000589	19.8	0.0000198	0.000779	0.000263	0.00122
2106 Mar	124	0.0873	0.234	0.0055	34.5	0.0438	35.5	0.00113	0.00103	0.00000547	0.00607	0.00166	0.0375	0.0202	0.00000589	19.8	0.0000198	0.000779	0.000263	0.00122
2106 Apr	124	0.0873	0.234	0.0055	34.5	0.0438	35.5	0.00113	0.00103	0.00000547	0.00607	0.00166	0.0375	0.0202	0.00000589	19.8	0.0000198	0.00078	0.000263	0.00122
2106 May	124	0.0873	0.234	0.0055	34.5	0.0438	35.5	0.00114	0.00104	0.00000547	0.00608	0.00166	0.0375	0.0202	0.0000059	19.8	0.0000198	0.00078	0.000263	0.00122
2106 Jun	123	0.0871	0.232	0.00547	34.3	0.0438	35.4	0.00113	0.00103	0.00000546	0.00607	0.00166	0.0375	0.0202	0.00000588	19.9	0.0000198	0.00078	0.000263	0.00122
2106 Jul	124	0.0872	0.233	0.00548	34.4	0.0438	35.5	0.00113	0.00103	0.00000546	0.00608	0.00166	0.0375	0.0202	0.00000589	19.9	0.0000198	0.000781	0.000264	0.00122
2106 Aug	124	0.0873	0.233	0.00548	34.4	0.0438	35.5	0.00113	0.00103	0.00000546	0.00608	0.00167	0.0376	0.0203	0.00000589	19.9	0.0000198	0.000782	0.000264	0.00122
2106 Sep	124	0.0872	0.232	0.00548	34.4	0.0438	35.5	0.00113	0.00103	0.00000546	0.00608	0.00166	0.0376	0.0202	0.00000588	19.9	0.0000198	0.000782	0.000264	0.00122
2106 Oct	124	0.0872	0.232	0.00548	34.4	0.0438	35.6	0.00113	0.00103	0.00000546	0.00608	0.00166	0.0376	0.0202	0.00000588	19.9	0.0000198	0.000782	0.000264	0.00122
2106 Nov	124	0.0872	0.232	0.00548	34.4	0.0438	35.6	0.00113	0.00103	0.00000546	0.00608	0.00167	0.0376	0.0202	0.00000588	19.9	0.0000198	0.000782	0.000264	0.00122
2106 Dec	124	0.0872	0.232	0.00548	34.4	0.0438	35.6	0.00113	0.00103	0.00000546	0.00608	0.00167	0.0376	0.0202	0.00000588	19.9	0.0000198	0.000782	0.000264	0.00122
2107 Jan	124	0.0872	0.232	0.00548	34.4	0.0438	35.6	0.00113	0.00103	0.00000546	0.00608	0.00167	0.0376	0.0202	0.00000588	19.9	0.0000198	0.000782	0.000264	0.00122
2107 Feb	124	0.0872	0.232	0.00548	34.4	0.0438	35.6	0.00113	0.00103	0.00000546	0.00608	0.00167	0.0376	0.0202	0.00000588	19.9	0.0000198	0.000782	0.000264	0.00122
2107 Mar	124	0.0872	0.232	0.00548	34.4	0.0438	35.6	0.00113	0.00103	0.00000546	0.00608	0.00167	0.0376	0.0202	0.00000588	19.9	0.0000198	0.000782	0.000264	0.00122
2107 Apr	124	0.0872	0.232	0.00548	34.4	0.0438	35.6	0.00113	0.00103	0.00000546	0.00608	0.00167	0.0376	0.0202	0.00000588	19.9	0.0000198	0.000782	0.000264	0.00122
2107 May	124	0.0872	0.232	0.00547	34.3	0.0438	35.6	0.00113	0.00103	0.00000546	0.00608	0.00167	0.0376	0.0203	0.00000588	19.9	0.0000198	0.000783	0.000264	0.00122
2107 Jun	123	0.087	0.231	0.00546	34.3	0.0438	35.5	0.00113	0.00103	0.00000545	0.00608	0.00167	0.0376	0.0203	0.00000588	19.9	0.0000198	0.000783	0.000264	0.00122
2107 Jul	124	0.0871	0.232	0.00547	34.3	0.0438	35.6	0.00113	0.00103	0.00000546	0.00609	0.00167	0.0376	0.0203	0.00000588	19.9	0.0000199	0.000784	0.000265	0.00122
2107 Aug	124	0.0873	0.232	0.00548	34.4	0.0439	35.6	0.00113	0.00103	0.00000546	0.0061	0.00167	0.0377	0.0203	0.00000589	20	0.0000199	0.000785	0.000265	0.00122
2107 Sep	124	0.0873	0.232	0.00548	34.4	0.0439	35.7	0.00113	0.00103	0.00000547	0.0061	0.00167	0.0377	0.0203	0.00000589	20	0.0000199	0.000785	0.000265	0.00122
2107 Oct	124	0.0873	0.232	0.00548	34.4	0.0439	35.7	0.00113	0.00103	0.00000546	0.0061	0.00167	0.0377	0.0203	0.00000589	20	0.0000199	0.000785	0.000265	0.00122
2107 Nov	124	0.0873	0.232	0.00548	34.4	0.0439	35.7	0.00113	0.00103	0.00000546	0.0061	0.00167	0.0377	0.0203	0.00000589	20	0.0000199	0.000785	0.000265	0.00122
2107 Dec	124	0.0873	0.232	0.00548	34.4	0.0439	35.7	0.00113	0.00103	0.00000546	0.0061	0.00167	0.0377	0.0203	0.00000589	20	0.0000199	0.000786	0.000265	0.00122
2108 Jan	124	0.0873	0.232	0.00548	34.4	0.0439	35.7	0.00113	0.00103	0.00000546	0.0061	0.00167	0.0377	0.0203	0.00000589	20	0.0000199	0.000786	0.000265	0.00122

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	124	0.0873	0.232	0.00548	34.4	0.0439	35.7	0.00113	0.00103	0.00000546	0.0061	0.00167	0.0377	0.0203	0.00000589	20	0.0000199	0.000786	0.000265	0.00122
2108 Mar	124	0.0873	0.232	0.00548	34.4	0.0439	35.7	0.00113	0.00103	0.00000546	0.0061	0.00167	0.0377	0.0203	0.00000589	20	0.0000199	0.000786	0.000265	0.00122
2108 Apr	124	0.0873	0.232	0.00548	34.4	0.0439	35.7	0.00113	0.00103	0.00000546	0.0061	0.00167	0.0377	0.0203	0.00000589	20	0.0000199	0.000786	0.000265	0.00122
2108 May	124	0.0874	0.232	0.00549	34.4	0.044	35.7	0.00113	0.00103	0.00000547	0.0061	0.00167	0.0378	0.0204	0.0000059	20	0.0000199	0.000786	0.000265	0.00122
2108 Jun	124	0.0873	0.232	0.00547	34.4	0.044	35.7	0.00113	0.00103	0.00000547	0.00611	0.00167	0.0378	0.0204	0.00000589	20	0.0000199	0.000787	0.000266	0.00122
2108 Jul	124	0.0874	0.232	0.00548	34.4	0.044	35.8	0.00113	0.00104	0.00000548	0.00612	0.00168	0.0379	0.0204	0.0000059	20	0.00002	0.000789	0.000266	0.00123
2108 Aug	124	0.0876	0.233	0.0055	34.5	0.0441	35.9	0.00114	0.00104	0.00000549	0.00613	0.00168	0.0379	0.0205	0.00000591	20.1	0.00002	0.00079	0.000267	0.00123
2108 Sep	124	0.0877	0.233	0.0055	34.5	0.0442	35.9	0.00114	0.00104	0.00000549	0.00613	0.00168	0.038	0.0205	0.00000592	20.1	0.00002	0.000791	0.000267	0.00123
2108 Oct	124	0.0876	0.232	0.00549	34.5	0.0441	35.9	0.00113	0.00104	0.00000548	0.00613	0.00168	0.038	0.0204	0.00000591	20.1	0.00002	0.00079	0.000267	0.00123
2108 Nov	124	0.0875	0.232	0.00549	34.5	0.0441	35.9	0.00113	0.00104	0.00000548	0.00613	0.00168	0.038	0.0204	0.00000591	20.1	0.00002	0.000791	0.000267	0.00123
2108 Dec	124	0.0875	0.232	0.00549	34.5	0.0441	35.9	0.00113	0.00104	0.00000548	0.00613	0.00168	0.038	0.0204	0.00000591	20.1	0.00002	0.000791	0.000267	0.00123
2109 Jan	124	0.0875	0.232	0.00549	34.5	0.0441	35.9	0.00113	0.00104	0.00000548	0.00613	0.00168	0.038	0.0204	0.00000591	20.1	0.00002	0.000791	0.000267	0.00123
2109 Feb	124	0.0876	0.232	0.00549	34.5	0.0441	35.9	0.00113	0.00104	0.00000548	0.00613	0.00168	0.038	0.0204	0.00000591	20.1	0.00002	0.000791	0.000267	0.00123
2109 Mar	124	0.0876	0.232	0.00549	34.5	0.0441	35.9	0.00113	0.00104	0.00000548	0.00613	0.00168	0.038	0.0204	0.00000591	20.1	0.00002	0.000791	0.000267	0.00123
2109 Apr	124	0.0876	0.232	0.00549	34.5	0.0441	35.9	0.00113	0.00104	0.00000548	0.00613	0.00168	0.038	0.0205	0.00000591	20.1	0.00002	0.000791	0.000267	0.00123
2109 May	124	0.0876	0.232	0.00549	34.5	0.0441	35.9	0.00113	0.00104	0.00000548	0.00614	0.00168	0.038	0.0205	0.00000591	20.1	0.00002	0.000791	0.000267	0.00123
2109 Jun	124	0.0876	0.232	0.00548	34.4	0.0442	35.9	0.00113	0.00104	0.00000548	0.00614	0.00168	0.038	0.0205	0.00000591	20.1	0.00002	0.000792	0.000268	0.00123
2109 Jul	125	0.0877	0.232	0.00549	34.5	0.0442	36	0.00114	0.00104	0.00000549	0.00615	0.00168	0.0381	0.0205	0.00000592	20.1	0.0000201	0.000793	0.000268	0.00123
2109 Aug	125	0.0878	0.232	0.0055	34.5	0.0443	36	0.00114	0.00104	0.00000549	0.00616	0.00169	0.0381	0.0206	0.00000592	20.2	0.0000201	0.000794	0.000268	0.00123
2109 Sep	125	0.0878	0.232	0.0055	34.5	0.0443	36	0.00114	0.00104	0.00000549	0.00616	0.00169	0.0381	0.0206	0.00000592	20.2	0.0000201	0.000795	0.000268	0.00123
2109 Oct	125	0.0877	0.231	0.00548	34.5	0.0442	36	0.00113	0.00104	0.00000549	0.00616	0.00169	0.0381	0.0206	0.00000592	20.2	0.0000201	0.000795	0.000268	0.00123
2109 Nov	125	0.0877	0.231	0.00548	34.5	0.0443	36	0.00113	0.00104	0.00000549	0.00616	0.00169	0.0381	0.0206	0.00000592	20.2	0.0000201	0.000795	0.000268	0.00123
2109 Dec	125	0.0877	0.231	0.00548	34.5	0.0443	36	0.00113	0.00104	0.00000549	0.00616	0.00169	0.0381	0.0206	0.00000592	20.2	0.0000201	0.000795	0.000268	0.00123
2110 Jan	125	0.0877	0.231	0.00548	34.5	0.0443	36	0.00113	0.00104	0.00000549	0.00616	0.00169	0.0381	0.0206	0.00000592	20.2	0.0000201	0.000795	0.000268	0.00123
2110 Feb	125	0.0877	0.231	0.00548	34.5	0.0443	36	0.00113	0.00104	0.00000549	0.00616	0.00169	0.0381	0.0206	0.00000592	20.2	0.0000201	0.000795	0.000268	0.00123
2110 Mar	125	0.0877	0.231	0.00548	34.5	0.0443	36	0.00113	0.00104	0.00000549	0.00616	0.00169	0.0381	0.0206	0.00000592	20.2	0.0000201	0.000795	0.000268	0.00123
2110 Apr	125	0.0877	0.231	0.00549	34.5	0.0443	36	0.00113	0.00104	0.00000549	0.00616	0.00169	0.0381	0.0206	0.00000592	20.2	0.0000201	0.000795	0.000268	0.00123
2110 May	125	0.0877	0.231	0.00548	34.5	0.0443	36	0.00114	0.00104	0.00000549	0.00616	0.00169	0.0381	0.0206	0.00000592	20.2	0.0000201	0.000795	0.000269	0.00123
2110 Jun	124	0.0875	0.23	0.00545	34.3	0.0442	36	0.00113	0.00104	0.00000548	0.00616	0.00169	0.0382	0.0206	0.00000591	20.2	0.0000201	0.000797	0.00027	0.00123
2110 Jul	125	0.0876	0.23	0.00546	34.4	0.0443	36	0.00113	0.00104	0.00000548	0.00617	0.00169	0.0382	0.0207	0.00000591	20.3	0.0000201	0.000798	0.00027	0.00123
2110 Aug	124	0.0875	0.229	0.00545	34.3	0.0442	36	0.00113	0.00103	0.00000547	0.00616	0.00169	0.0382	0.0207	0.0000059	20.2	0.0000201	0.000797	0.00027	0.00123
2110 Sep	124	0.0873	0.229	0.00543	34.2	0.0442	36	0.00113	0.00103	0.00000546	0.00615	0.00169	0.0381	0.0206	0.00000589	20.2	0.0000201	0.000796	0.00027	0.00123
2110 Oct	124	0.0871	0.228	0.00542	34.1	0.0441	35.9	0.00113	0.00103	0.00000545	0.00614	0.00169	0.0381	0.0206	0.00000588	20.2	0.00002	0.000796	0.000269	0.00123
2110 Nov	124	0.0871	0.228	0.00542	34.1	0.0441	35.9	0.00112	0.00103	0.00000545	0.00614	0.00168	0.0381	0.0206	0.00000588	20.2	0.00002	0.000795	0.000269	0.00123
2110 Dec	124	0.0871	0.228	0.00542	34.1	0.0441	35.9	0.00112	0.00103	0.00000545	0.00614	0.00168	0.0381	0.0206	0.00000588	20.2	0.00002	0.000795	0.000269	0.00123
2111 Jan	124	0.0871	0.228	0.00542	34.1	0.0441	35.9	0.00112	0.00103	0.00000545	0.00614	0.00168	0.0381	0.0206	0.00000588	20.2	0.00002	0.000795	0.000269	0.00123
2111 Feb	124	0.0871	0.228	0.00542	34.1	0.0441	35.9	0.00112	0.00103	0.00000545	0.00614	0.00168	0.0381	0.0206	0.00000588	20.2	0.00002	0.000795	0.000269	0.00123
2111 Mar	124	0.0871	0.228	0.00542	34.1	0.0441	35.9	0.00113	0.00103	0.00000545	0.00614	0.00169	0.0381	0.0206	0.00000588	20.2	0.00002	0.000796	0.000269	0.00123
2111 Apr	124	0.0871	0.228	0.00542	34.1	0.0442	35.9	0.00113	0.00103	0.00000545	0.00615	0.00169	0.0381	0.0206	0.00000588	20.2	0.00002	0.000796	0.000269	0.00123
2111 May	124	0.0871	0.228	0.00542	34.1	0.0442	35.9	0.00113	0.00103	0.00000545	0.00615	0.00169	0.0381	0.0206	0.00000588	20.2	0.00002	0.000796	0.000269	0.00123
2111 Jun	124	0.087	0.227	0.00539	34	0.0441	35.8	0.00112	0.00103	0.00000544	0.00615	0.00168	0.038	0.0206	0.00000587	20.2	0.00002	0.000795	0.00027	0.00123
2111 Jul	124	0.0872	0.227	0.00541	34.1	0.0442	35.9	0.00113	0.00103	0.00000545	0.00616	0.00169	0.0381	0.0207	0.00000588	20.2	0.0000201	0.000797	0.00027	0.00123
2111 Aug	124	0.0872	0.227	0.00541	34.1	0.0442	35.9	0.00112	0.00103	0.00000545	0.00616	0.00169	0.0381	0.0207	0.00000588	20.3	0.0000201	0.000797	0.00027	0.00123
2111 Sep	124	0.0872	0.227	0.00541	34.1	0.0442	36	0.00112	0.00103	0.00000545	0.00616	0.00169	0.0381	0.0207	0.00000588	20.3	0.0000201	0.000797	0.00027	0.00123
2111 Oct	124	0.0871	0.227	0.0054	34	0.0442	35.9	0.00112	0.00103	0.00000544	0.00615	0.00169	0.0381	0.0207	0.00000587	20.2	0.00002	0.000797	0.00027	0.00123
2111 Nov	124	0.087	0.226	0.00539	34	0.0442	35.9	0.00112	0.00103	0.00000544	0.00615	0.00169	0.0381	0.0207	0.00000587	20.2	0.00002	0.000797	0.00027	0.00123
2111 Dec	124	0.087	0.226	0.00539	34	0.0442	35.9	0.00112	0.00103	0.00000544	0.00615	0.00169	0.0381	0.0207	0.00000587	20.2	0.00002	0.000797	0.00027	0.00123
2112 Jan	124	0.087	0.226	0.00539	34	0.0442	35.9	0.00112	0.00103	0.00000544	0.00615	0.00169	0.0381	0.0207	0.00000587	20.2	0.00002	0.000797	0.00027	0.00123
2112 Feb	124	0.087	0.226	0.00539	34	0.0442	35.9	0.00112	0.00103	0.00000544	0.00615	0.00169	0.0381	0.0207	0.00000587	20.2	0.00002	0.000797	0.00027	0.00123
2112 Mar	124	0.087	0.226	0.00539	34	0.0442	35.9	0.00112	0.00103	0.00000544	0.00615	0.00169	0.0381	0.0207	0.00000587	20.2	0.00002	0.000797	0.00027	0.00123
2112 Apr	124	0.0871	0.226	0.00539	34	0.0442	35.9	0.00112	0.00103	0.00000544	0.00615	0.00169	0.0381	0.0207	0.00000587	20.2	0.00002	0.000797	0.00027	0.00123
2112 May	124	0.0871	0.226	0.00539	34	0.0442	35.9	0.00112	0.00103	0.00000544	0.00616	0.00169	0.0381	0.0207	0.00000587	20.3	0.00002	0.000798	0.00027	0.00123
2112 Jun	123	0.0868	0.224	0.00535	33.8	0.0441	35.8	0.00112	0.00102	0.00000542	0.00614	0.00169	0.0381	0.0207	0.00000585	20.3	0.00002	0.000797	0.000271	0.00123
2112 Jul	124	0.0869	0.225	0.00536	33.9	0.0441	35.9	0.00112	0.00103	0.00000542	0.00615	0.00169	0.0381	0.0207	0.00000585	20.3	0.00002	0.000798	0.000271	0.00123
2112 Aug	124	0.087	0.225	0.00537	33.9	0.0442	35.9	0.00112	0.00103	0.00000543	0.00616	0.00169	0.0382	0.0208	0.00000586	20.3	0.0000201	0.000799	0.000272	0.00123
2112 Sep	124	0.087	0.225	0.00537	33.9	0.0442	36	0.00112	0.00103	0.00000543	0.00616	0.00169	0.0382	0.0208	0.00000586	20.3	0.0000201	0.000799	0.000272	0.00123
2112 Oct	124	0.087	0.225	0.00537	33.9	0.0442	36	0.00112	0.00103	0.00000543	0.00616	0.00169	0.0382	0.0208	0.00000586	20.3	0.0000201	0.000799	0.000272	0.00123
2112 Nov	124	0.087	0.225	0.00537	33.9	0.0442	36	0.00112	0.00103	0.00000543	0.00616	0.00169	0.0382	0.0208	0.00000586	20.3	0.0000201	0.000799	0.000272	0.00123
2112 Dec	124	0.087	0.225	0.00537	33.9	0.0442	36	0.00112	0.00103	0.00000543	0.00616	0.00169	0.0382	0.0208	0.00000586	20.3	0.0000201	0.0008	0.000272	0.00123
2113 Jan	124	0.087	0.225	0.00537	33.9	0.0442	36	0.00112	0.00103	0.00000543	0.00616	0.00169	0.0382	0.0208	0.00000586	20.3	0.0000201	0.0008	0.000272	0.00123
2113 Feb	124	0.087	0.225	0.00537	33.9	0.0442	36	0.00112	0.00103	0.00000543	0.00616	0.00169	0.0382	0.0208	0.00000586	20.3	0.0000201	0.0008	0.000272	0.00123
2113 Mar	124	0.087	0.225	0.00537	33.9	0.0442	36	0.00112	0.00103	0.00000543	0.00616	0.00169	0.0382	0.0208	0.00000586	20.3	0.0000201	0.0008	0.000272	0.00123
2113 Apr	124	0.087	0.225	0.00537	33.9	0.0442	36	0.00112	0.00103	0.00000543	0.00616	0.00169	0.0382	0.0208	0.00000586	20.3	0.0000201	0.0008	0.000272	0.00123
2113 May	124	0.087	0.225	0.00537	33.9	0.0442	36	0.00112	0.00103	0.00000543	0.00616	0.00169	0.0382	0.0208	0.00000586	20.3	0.0000201	0.000801	0.000272	0.00123
2113 Jun	124	0.0869	0.224	0.00536	33.9	0.0442	36	0.00112	0.00103	0.00000543	0.00616	0.00169	0.0383	0.0208	0.00000585	20.4	0.0000201	0.000802	0.000273	0.00123
2113 Jul	124	0.0871	0.225	0.00537	33.9	0.0443	36.1	0.00112	0.00103	0.00000543	0.00617	0.0017	0.0383	0.0209	0.00000586	20.4	0.0000201	0.000804	0.000273	0.00124
2113 Aug	124	0.0872	0.225	0.00538	34	0.0443	36.1	0.00112	0.00103	0.00000544	0.00618	0.0017	0.0384	0.0209	0.00000587	20.4	0.0000201	0.000805	0.000274	0.00124
2113 Sep	124	0.0872	0.225	0.00538	34	0.0443	36.2	0.00112	0.00103	0.00000544	0.00618	0.0017	0.0384	0.0209	0.00000587	20.4	0.0000201	0.000805	0.000274	0.00124
2113 Oct	124	0.0871	0.224	0.00536	33.9	0.0443	36.1	0.00112	0.00103	0.00000543	0.00617	0.0017	0.0384	0.0209	0.00000586	20.4	0.0000201	0.000805	0.000274	0.00124
2113 Nov	124	0.087	0.224	0.00536	33.9	0.0443	36.1	0.00112	0.00103	0.00000543	0.00617	0.0017	0.0384	0.0209	0.00000585	20.4	0.0000201	0.000805	0.000274	0.00124
2113 Dec	124	0.087	0.224	0.00536	33.9	0.0443	36.1	0.00112	0.00103	0.00000543	0.00617	0.0017	0.0384	0.0209	0.00000585	20.4	0.0000201	0.000805	0.000274	0.00124
2114 Jan	124	0.087	0.224	0.00536	33.9	0.0443	36.1	0.00112	0.00103	0.00000543	0.00617	0.0017	0.0384	0.0209	0.00000585	20.4	0.0000201	0.000805	0.000274	0.00124
2114 Feb	124	0.087	0.224	0.00536	33.9	0.0443	36.1	0.00112	0.00103	0.00000543	0.00617	0.0017	0.0384	0.0209	0.00000585	20.4	0.0000201	0.000805	0.000274	0.00124
2114 Mar	124	0.087	0.224	0.00536	33.9	0.0443	36.1	0.00112	0.00103	0.00000543	0.00617	0.0017	0.0384	0.0209	0.00000585	20.4	0.0000201	0.000805	0.000274	0.00124
2114 Apr	124	0.087	0.224	0.00536	33.9	0.0443	36.1	0.00112	0.00103	0.00000543	0.00617	0.0017	0.0384	0.0209	0.00000585	20.4	0.0000201	0.000805	0.000274	0.00124
2114 May	124	0.087	0.224	0.00535	33.9	0.0443	36.1	0.00112	0.00102	0.00000543	0.00618	0.0017	0.0384	0.0209	0.00000585	20.4	0.0000201	0.000806	0.000274	0.00124
2114 Jun	124	0.0871	0.223	0.00535	33.8	0.0443	36.2	0.00112	0.00102	0.00000543	0.00618	0.0017	0.0385	0.021	0.00000585	20.5	0.0000202	0.000808	0.000275	0.00124

Appendix D.2-15: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	124	0.0873	0.224	0.00536	33.9	0.0444	36.3	0.00112	0.00103	0.00000544	0.00619	0.0017	0.0386	0.021	0.00000587	20.5	0.0000202	0.000809	0.000275	0.00124
2114 Aug	125	0.0875	0.224	0.00537	34	0.0445	36.3	0.00112	0.00103	0.00000545	0.00621	0.00171	0.0387	0.021	0.00000588	20.6	0.0000202	0.000811	0.000276	0.00124
2114 Sep	125	0.0875	0.225	0.00538	34	0.0445	36.4	0.00112	0.00103	0.00000545	0.00621	0.00171	0.0387	0.021	0.00000588	20.6	0.0000202	0.000811	0.000276	0.00124
2114 Oct	125	0.0874	0.224	0.00537	34	0.0445	36.4	0.00112	0.00103	0.00000544	0.0062	0.00171	0.0387	0.021	0.00000587	20.5	0.0000202	0.000811	0.000276	0.00124
2114 Nov	125	0.0874	0.224	0.00536	33.9	0.0445	36.4	0.00112	0.00103	0.00000544	0.0062	0.00171	0.0387	0.021	0.00000587	20.6	0.0000202	0.000812	0.000276	0.00124
2114 Dec	125	0.0874	0.224	0.00536	33.9	0.0445	36.4	0.00112	0.00103	0.00000544	0.0062	0.00171	0.0387	0.021	0.00000587	20.6	0.0000202	0.000812	0.000276	0.00124
2115 Jan	125	0.0874	0.224	0.00536	33.9	0.0445	36.4	0.00112	0.00103	0.00000544	0.0062	0.00171	0.0387	0.021	0.00000587	20.6	0.0000202	0.000812	0.000276	0.00124
2115 Feb	125	0.0874	0.224	0.00536	33.9	0.0445	36.4	0.00112	0.00103	0.00000544	0.0062	0.00171	0.0387	0.021	0.00000587	20.6	0.0000202	0.000812	0.000276	0.00124
2115 Mar	125	0.0874	0.224	0.00536	33.9	0.0445	36.4	0.00112	0.00103	0.00000544	0.0062	0.00171	0.0387	0.021	0.00000587	20.6	0.0000202	0.000812	0.000276	0.00124
2115 Apr	125	0.0874	0.224	0.00536	34	0.0445	36.4	0.00112	0.00103	0.00000544	0.0062	0.00171	0.0387	0.021	0.00000587	20.6	0.0000202	0.000812	0.000276	0.00124
2115 May	125	0.0874	0.224	0.00536	33.9	0.0445	36.4	0.00112	0.00103	0.00000544	0.00621	0.00171	0.0387	0.0211	0.00000587	20.6	0.0000202	0.000813	0.000276	0.00124
2115 Jun	125	0.0875	0.224	0.00536	34	0.0446	36.4	0.00112	0.00103	0.00000544	0.00621	0.00171	0.0388	0.0211	0.00000587	20.6	0.0000203	0.000815	0.000276	0.00124
2115 Jul	125	0.0877	0.224	0.00538	34	0.0447	36.5	0.00112	0.00103	0.00000545	0.00623	0.00172	0.0389	0.0211	0.00000588	20.6	0.0000203	0.000816	0.000277	0.00125
2115 Aug	125	0.0877	0.224	0.00538	34	0.0447	36.6	0.00112	0.00103	0.00000545	0.00622	0.00172	0.0389	0.0211	0.00000588	20.6	0.0000203	0.000816	0.000277	0.00125
2115 Sep	125	0.0877	0.224	0.00538	34.1	0.0447	36.6	0.00112	0.00103	0.00000545	0.00623	0.00172	0.0389	0.0211	0.00000588	20.7	0.0000203	0.000817	0.000277	0.00125
2115 Oct	125	0.0878	0.224	0.00538	34.1	0.0447	36.6	0.00112	0.00103	0.00000545	0.00623	0.00172	0.0389	0.0211	0.00000588	20.7	0.0000203	0.000817	0.000277	0.00125
2115 Nov	125	0.0877	0.224	0.00538	34	0.0447	36.6	0.00112	0.00103	0.00000545	0.00622	0.00172	0.039	0.0211	0.00000588	20.7	0.0000203	0.000818	0.000277	0.00125
2115 Dec	125	0.0877	0.224	0.00538	34	0.0447	36.6	0.00112	0.00103	0.00000545	0.00623	0.00172	0.039	0.0211	0.00000588	20.7	0.0000203	0.000818	0.000277	0.00125
2116 Jan	125	0.0877	0.224	0.00538	34	0.0447	36.6	0.00112	0.00103	0.00000545	0.00623	0.00172	0.039	0.0211	0.00000588	20.7	0.0000203	0.000818	0.000277	0.00125
2116 Feb	125	0.0877	0.224	0.00538	34	0.0447	36.6	0.00112	0.00103	0.00000545	0.00623	0.00172	0.039	0.0211	0.00000588	20.7	0.0000203	0.000818	0.000277	0.00125
2116 Mar	125	0.0877	0.224	0.00538	34	0.0447	36.6	0.00112	0.00103	0.00000545	0.00623	0.00172	0.039	0.0211	0.00000588	20.7	0.0000203	0.000818	0.000277	0.00125
2116 Apr	125	0.0877	0.224	0.00538	34.1	0.0447	36.6	0.00112	0.00103	0.00000545	0.00623	0.00172	0.039	0.0211	0.00000588	20.7	0.0000203	0.000818	0.000277	0.00125
2116 May	125	0.0878	0.224	0.00538	34	0.0447	36.7	0.00112	0.00103	0.00000545	0.00623	0.00172	0.039	0.0212	0.00000588	20.7	0.0000203	0.000819	0.000278	0.00125
2116 Jun	125	0.0876	0.223	0.00535	33.9	0.0447	36.6	0.00112	0.00103	0.00000544	0.00623	0.00172	0.0391	0.0212	0.00000587	20.7	0.0000203	0.000822	0.000279	0.00125
2116 Jul	125	0.0877	0.223	0.00536	34	0.0448	36.7	0.00112	0.00103	0.00000545	0.00624	0.00172	0.0391	0.0213	0.00000588	20.8	0.0000204	0.000823	0.000279	0.00125
2116 Aug	125	0.0879	0.224	0.00537	34	0.0449	36.8	0.00112	0.00103	0.00000546	0.00625	0.00173	0.0392	0.0213	0.00000589	20.8	0.0000204	0.000825	0.00028	0.00125
2116 Sep	125	0.0879	0.223	0.00537	34	0.0449	36.8	0.00112	0.00103	0.00000545	0.00625	0.00173	0.0392	0.0213	0.00000588	20.8	0.0000204	0.000825	0.00028	0.00125
2116 Oct	125	0.0878	0.223	0.00536	34	0.0448	36.8	0.00112	0.00103	0.00000544	0.00624	0.00172	0.0392	0.0213	0.00000588	20.8	0.0000204	0.000825	0.00028	0.00125
2116 Nov	125	0.0878	0.223	0.00536	34	0.0448	36.8	0.00112	0.00103	0.00000544	0.00624	0.00172	0.0392	0.0213	0.00000588	20.8	0.0000204	0.000825	0.00028	0.00125
2116 Dec	125	0.0878	0.223	0.00536	34	0.0448	36.8	0.00112	0.00103	0.00000544	0.00624	0.00172	0.0392	0.0213	0.00000588	20.8	0.0000204	0.000825	0.00028	0.00125
2117 Jan	125	0.0878	0.223	0.00536	34	0.0448	36.8	0.00112	0.00103	0.00000544	0.00624	0.00172	0.0392	0.0213	0.00000588	20.8	0.0000204	0.000825	0.00028	0.00125
2117 Feb	125	0.0878	0.223	0.00536	34	0.0448	36.8	0.00112	0.00103	0.00000544	0.00624	0.00172	0.0392	0.0213	0.00000588	20.8	0.0000204	0.000825	0.00028	0.00125
2117 Mar	125	0.0878	0.223	0.00536	34	0.0448	36.8	0.00112	0.00103	0.00000544	0.00624	0.00172	0.0392	0.0213	0.00000588	20.8	0.0000204	0.000825	0.00028	0.00125
2117 Apr	125	0.0878	0.223	0.00536	34	0.0448	36.8	0.00112	0.00103	0.00000545	0.00625	0.00173	0.0392	0.0213	0.00000588	20.8	0.0000204	0.000825	0.00028	0.00125
2117 May	125	0.0878	0.223	0.00536	34	0.0449	36.8	0.00112	0.00103	0.00000545	0.00625	0.00173	0.0393	0.0213	0.00000588	20.8	0.0000204	0.000826	0.00028	0.00125
2117 Jun	125	0.0879	0.223	0.00535	34	0.0449	36.8	0.00112	0.00103	0.00000545	0.00626	0.00173	0.0393	0.0213	0.00000588	20.8	0.0000204	0.000827	0.00028	0.00125
2117 Jul	126	0.0881	0.223	0.00537	34	0.045	36.9	0.00112	0.00103	0.00000546	0.00627	0.00173	0.0394	0.0214	0.00000589	20.9	0.0000205	0.000829	0.000281	0.00126
2117 Aug	126	0.0882	0.223	0.00537	34.1	0.045	37	0.00112	0.00103	0.00000546	0.00627	0.00173	0.0394	0.0214	0.0000059	20.9	0.0000205	0.00083	0.000281	0.00126
2117 Sep	126	0.0882	0.224	0.00538	34.1	0.0451	37	0.00112	0.00103	0.00000547	0.00628	0.00173	0.0395	0.0214	0.0000059	20.9	0.0000205	0.00083	0.000281	0.00126
2117 Oct	126	0.0882	0.224	0.00538	34.1	0.0451	37	0.00112	0.00103	0.00000546	0.00627	0.00173	0.0395	0.0214	0.0000059	20.9	0.0000205	0.00083	0.000281	0.00126
2117 Nov	126	0.0882	0.224	0.00538	34.1	0.0451	37	0.00112	0.00103	0.00000546	0.00627	0.00173	0.0395	0.0214	0.0000059	20.9	0.0000205	0.00083	0.000281	0.00126
2117 Dec	126	0.0882	0.224	0.00538	34.1	0.0451	37	0.00112	0.00103	0.00000546	0.00627	0.00173	0.0395	0.0214	0.0000059	20.9	0.0000205	0.00083	0.000281	0.00126
2118 Jan	126	0.0882	0.224	0.00538	34.1	0.0451	37	0.00112	0.00103	0.00000546	0.00627	0.00173	0.0395	0.0214	0.0000059	20.9	0.0000205	0.00083	0.000281	0.00126
2118 Feb	126	0.0882	0.224	0.00538	34.1	0.0451	37	0.00112	0.00103	0.00000546	0.00627	0.00173	0.0395	0.0214	0.0000059	20.9	0.0000205	0.00083	0.000281	0.00126
2118 Mar	126	0.0882	0.224	0.00538	34.1	0.0451	37	0.00112	0.00103	0.00000546	0.00627	0.00173	0.0395	0.0214	0.0000059	20.9	0.0000205	0.00083	0.000281	0.00126
2118 Apr	126	0.0882	0.224	0.00538	34.1	0.0451	37	0.00112	0.00103	0.00000546	0.00628	0.00173	0.0395	0.0214	0.0000059	20.9	0.0000205	0.00083	0.000281	0.00126
2118 May	126	0.0882	0.223	0.00537	34.1	0.0451	37	0.00112	0.00103	0.00000546	0.00628	0.00174	0.0395	0.0215	0.0000059	20.9	0.0000205	0.000831	0.000282	0.00126
2118 Jun	126	0.0881	0.222	0.00535	34	0.045	37	0.00112	0.00103	0.00000545	0.00628	0.00174	0.0394	0.0215	0.00000589	21	0.0000205	0.000831	0.000283	0.00126
2118 Jul	126	0.0883	0.222	0.00536	34.1	0.0451	37	0.00112	0.00103	0.00000546	0.00629	0.00174	0.0395	0.0215	0.0000059	21	0.0000206	0.000833	0.000284	0.00126
2118 Aug	126	0.0883	0.223	0.00536	34.1	0.0451	37.1	0.00112	0.00103	0.00000546	0.00629	0.00174	0.0395	0.0216	0.0000059	21	0.0000206	0.000833	0.000284	0.00126
2118 Sep	126	0.0882	0.222	0.00535	34	0.045	37.1	0.00112	0.00103	0.00000545	0.00628	0.00174	0.0395	0.0215	0.00000589	21	0.0000205	0.000833	0.000284	0.00126
2118 Oct	126	0.0881	0.222	0.00534	34	0.045	37	0.00112	0.00103	0.00000545	0.00628	0.00174	0.0395	0.0215	0.00000588	21	0.0000205	0.000833	0.000283	0.00126
2118 Nov	126	0.0881	0.221	0.00534	34	0.045	37	0.00112	0.00103	0.00000544	0.00628	0.00174	0.0395	0.0215	0.00000588	21	0.0000205	0.000833	0.000283	0.00126
2118 Dec	126	0.0881	0.221	0.00534	34	0.045	37	0.00112	0.00103	0.00000544	0.00628	0.00174	0.0395	0.0215	0.00000588	21	0.0000205	0.000833	0.000283	0.00126
2119 Jan	126	0.0881	0.221	0.00534	34	0.045	37	0.00112	0.00103	0.00000544	0.00628	0.00174	0.0395	0.0215	0.00000588	21	0.0000205	0.000833	0.000283	0.00126
2119 Feb	126	0.0881	0.221	0.00534	34	0.045	37	0.00112	0.00103	0.00000544	0.00628	0.00174	0.0395	0.0215	0.00000588	21	0.0000205	0.000833	0.000283	0.00126
2119 Mar	126	0.0881	0.221	0.00534	34	0.045	37	0.00112	0.00103	0.00000544	0.00628	0.00174	0.0395	0.0215	0.00000588	21	0.0000205	0.000833	0.000283	0.00126
2119 Apr	126	0.0881	0.221	0.00534	34	0.045	37	0.00112	0.00103	0.00000545	0.00628	0.00174	0.0395	0.0215	0.00000588	21	0.0000205	0.000833	0.000284	0.00126
2119 May	126	0.0881	0.221	0.00533	33.9	0.045	37	0.00111	0.00103	0.00000544	0.00628	0.00174	0.0395	0.0216	0.00000587	21	0.0000205	0.000833	0.000284	0.00126
2119 Jun	126	0.0881	0.221	0.00533	33.9	0.045	37	0.00111	0.00102	0.00000543	0.00628	0.00174	0.0395	0.0216	0.00000587	21	0.0000205	0.000833	0.000284	0.00126
2119 Jul	126	0.0883	0.221	0.00534	34	0.0451	37.1	0.00112	0.00103	0.00000545	0.00629	0.00174	0.0396	0.0216	0.00000588	21.1	0.0000206	0.000835	0.000285	0.00126
2119 Aug	126	0.0884	0.221	0.00535	34	0.0451	37.2	0.00112	0.00103	0.00000545	0.00629	0.00174	0.0396	0.0216	0.00000589	21.1	0.0000206	0.000836	0.000285	0.00126
2119 Sep	126	0.0884	0.221	0.00535	34	0.0451	37.2	0.00112	0.00103	0.00000545	0.00629	0.00174	0.0397	0.0216	0.00000588	21.1	0.0000206	0.000836	0.000285	0.00126
2119 Oct	126	0.0883	0.221	0.00534	34	0.0451	37.2	0.00111	0.00103	0.00000544	0.00629	0.00174	0.0397	0.0216	0.00000588	21.1	0.0000206	0.000836	0.000285	0.00126
2119 Nov	126	0.0883	0.221	0.00534	34	0.0451	37.2	0.00111	0.00103	0.00000544	0.00629	0.00174	0.0397	0.0216	0.00000588	21.1	0.0000206	0.000836	0.000285	0.00126
2119 Dec	126	0.0883	0.221	0.00534	34	0.0451	37.2	0.00111	0.00103	0.00000544	0.00629	0.00174	0.0397	0.0216	0.00000588	21.1	0.0000206	0.000836	0.000285	0.00126

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.00634	0.0000176	14.3	17.4	0.088	0.00525	186	0.0104	0.00088	0.0000376	0.000878	0.000506	0.731	0.00000188	0.00467	0.000281	0.000804	5.14E-24
Operation (2026-2036): Mean	0.015	0.0000435	30.1	33.8	0.217	0.0112	387	0.0397	0.00217	0.0000797	0.00237	0.0012	1.6	0.00000411	0.00977	0.00118	0.00237	2.14E-23
Operation (2026-2036): Max	0.0168	0.0000488	33.6	37.7	0.244	0.0126	464	0.045	0.00244	0.000089	0.00267	0.00135	1.78	0.0000046	0.0109	0.00134	0.00267	6.19E-23
Active Closure (2037-2043): Min	0.0155	0.00000497	2.13	3.2	0.0259	0.000496	18.6	0.00234	0.00224	0.0000818	0.000163	0.000103	0.117	0.00000345	0.000316	0.000295	0.00128	1.09E-23
Active Closure (2037-2043): Mean	0.0323	0.00000821	4.58	6.66	0.053	0.00136	51.3	0.00576	0.0196	0.000171	0.00035	0.000201	0.271	0.00000545	0.00107	0.000435	0.00142	0.0000536
Active Closure (2037-2043): Max	0.0656	0.0000452	31.1	34.9	0.225	0.0116	295	0.0416	0.0446	0.000446	0.00247	0.00124	1.65	0.0000209	0.0101	0.00124	0.00247	0.000292
Post Closure (2044-2119): Min	0.0285	0.00000489	2.09	3.14	0.0253	0.000486	14.5	0.0023	0.0184	0.000126	0.00016	0.000101	0.115	0.00000287	0.000308	0.00029	0.00127	0.0000134
Post Closure (2044-2119): Mean	0.0406	0.00000726	2.51	4.03	0.0382	0.000649	16.4	0.00317	0.0271	0.000211	0.000225	0.000123	0.147	0.00000312	0.000414	0.000451	0.00146	0.000019
Post Closure (2044-2119): Max	0.0522	0.00000917	2.88	4.83	0.0507	0.000793	18.6	0.00388	0.0346	0.000298	0.000273	0.000143	0.176	0.00000345	0.000502	0.000592	0.00158	0.0000267
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jan	0.00634	0.0000176	14.3	17.4	0.088	0.00525	186	0.0104	0.00088	0.0000376	0.000878	0.000506	0.731	0.00000188	0.00467	0.000281	0.000804	1.62E-23

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.00634	0.0000176	14.3	17.4	0.088	0.00525	186	0.0104	0.00088	0.0000376	0.000878	0.000506	0.731	0.00000188	0.00467	0.000281	0.000804	1.62E-23
2031 Mar	0.00634	0.0000176	14.3	17.4	0.0881	0.00525	186	0.0104	0.000881	0.0000376	0.000878	0.000506	0.731	0.00000188	0.00467	0.000281	0.000805	1.62E-23
2031 Apr	0.00637	0.0000177	14.4	17.5	0.0884	0.00527	187	0.0104	0.000884	0.0000378	0.000882	0.000508	0.734	0.00000189	0.00469	0.000282	0.000808	1.63E-23
2031 May	0.0077	0.0000216	16.8	20.1	0.108	0.0062	224	0.0148	0.00108	0.0000443	0.00111	0.000614	0.868	0.00000223	0.00548	0.000415	0.00104	1.43E-23
2031 Jun	0.0141	0.0000408	28.6	32.3	0.204	0.0106	403	0.0364	0.00204	0.0000755	0.00221	0.00113	1.51	0.00000389	0.00927	0.00108	0.0022	3.5E-23
2031 Jul	0.0163	0.0000472	32.7	36.7	0.235	0.0122	464	0.0429	0.00235	0.0000864	0.00257	0.0013	1.73	0.00000446	0.0106	0.00128	0.00257	6.19E-23
2031 Aug	0.0161	0.0000466	32.1	35.9	0.232	0.012	457	0.0429	0.00232	0.0000849	0.00255	0.00128	1.7	0.00000439	0.0104	0.00128	0.00255	4.14E-23
2031 Sep	0.0158	0.0000458	31.6	35.3	0.229	0.0118	450	0.0422	0.00229	0.0000835	0.00251	0.00126	1.67	0.00000432	0.0102	0.00126	0.00251	4.77E-23
2031 Oct	0.0155	0.000045	31	34.7	0.225	0.0116	442	0.0415	0.00225	0.000082	0.00246	0.00124	1.64	0.00000424	0.01	0.00124	0.00246	1.6E-23
2031 Nov	0.0155	0.000045	31	34.7	0.225	0.0116	442	0.0415	0.00225	0.000082	0.00246	0.00124	1.64	0.00000424	0.0101	0.00124	0.00246	1.32E-23
2031 Dec	0.0155	0.000045	31	34.7	0.225	0.0116	442	0.0415	0.00225	0.000082	0.00246	0.00124	1.65	0.00000424	0.0101	0.00124	0.00246	1.32E-23
2032 Jan	0.0155	0.000045	31	34.7	0.225	0.0116	442	0.0415	0.00225	0.000082	0.00246	0.00124	1.65	0.00000424	0.0101	0.00124	0.00246	1.32E-23
2032 Feb	0.0155	0.000045	31	34.7	0.225	0.0116	442	0.0415	0.00225	0.000082	0.00246	0.00124	1.65	0.00000424	0.0101	0.00124	0.00246	1.32E-23
2032 Mar	0.0155	0.000045	31	34.7	0.225	0.0116	442	0.0415	0.00225	0.0000821	0.00246	0.00124	1.65	0.00000424	0.0101	0.00124	0.00246	1.32E-23
2032 Apr	0.0156	0.0000451	31.1	34.8	0.225	0.0116	443	0.0416	0.00225	0.0000822	0.00247	0.00124	1.65	0.00000425	0.0101	0.00124	0.00247	1.32E-23
2032 May	0.0157	0.0000456	31.4	35.2	0.227	0.0117	448	0.042	0.00227	0.0000831	0.00249	0.00126	1.67	0.00000429	0.0102	0.00125	0.00249	1.29E-23
2032 Jun	0.0155	0.0000449	30.9	34.6	0.224	0.0115	441	0.0414	0.00224	0.0000818	0.00246	0.00124	1.64	0.00000423	0.01	0.00123	0.00246	2.23E-23
2032 Jul	0.0159	0.0000462	31.8	35.6	0.231	0.0119	454	0.0426	0.00231	0.0000842	0.00253	0.00127	1.69	0.00000435	0.0103	0.00127	0.00253	3.67E-23
2032 Aug	0.0161	0.0000467	32.1	36	0.233	0.012	458	0.043	0.00233	0.000085	0.00255	0.00129	1.7	0.00000439	0.0104	0.00128	0.00255	4.9E-23
2032 Sep	0.0162	0.000047	32.4	36.2	0.234	0.0121	461	0.0433	0.00234	0.0000856	0.00257	0.00129	1.72	0.00000442	0.0105	0.00129	0.00257	4.6E-23
2032 Oct	0.0159	0.0000462	31.8	35.6	0.23	0.0119	453	0.0425	0.0023	0.0000841	0.00253	0.00127	1.69	0.00000435	0.0103	0.00127	0.00253	2.74E-23
2032 Nov	0.0158	0.0000459	31.6	35.4	0.229	0.0118	451	0.0423	0.00229	0.0000837	0.00251	0.00126	1.68	0.00000432	0.0103	0.00126	0.00251	2.04E-23
2032 Dec	0.0157	0.0000455	31.3	35.1	0.227	0.0117	447	0.0419	0.00227	0.0000829	0.00249	0.00125	1.66	0.00000429	0.0102	0.00125	0.00249	1.53E-23
2033 Jan	0.0157	0.0000455	31.3	35.1	0.227	0.0117	447	0.0419	0.00227	0.0000829	0.00249	0.00125	1.66	0.00000429	0.0102	0.00125	0.00249	1.53E-23
2033 Feb	0.0157	0.0000455	31.3	35.1	0.227	0.0117	447	0.0419	0.00227	0.0000829	0.00249	0.00125	1.66	0.00000429	0.0102	0.00125	0.00249	1.53E-23
2033 Mar	0.0157	0.0000456	31.4	35.1	0.227	0.0117	447	0.042	0.00227	0.000083	0.00249	0.00125	1.66	0.00000429	0.0102	0.00125	0.00249	1.53E-23
2033 Apr	0.0158	0.0000458	31.5	35.3	0.229	0.0118	450	0.0422	0.00229	0.0000834	0.0025	0.00126	1.67	0.00000431	0.0102	0.00126	0.00251	1.54E-23
2033 May	0.0158	0.0000459	31.6	35.4	0.229	0.0118	451	0.0423	0.00229	0.0000836	0.00251	0.00126	1.68	0.00000432	0.0102	0.00126	0.00251	1.11E-23
2033 Jun	0.0154	0.0000448	30.8	34.5	0.223	0.0115	439	0.0412	0.00223	0.0000815	0.00245	0.00123	1.64	0.00000422	0.00999	0.00123	0.00245	8.4E-24
2033 Jul	0.0161	0.0000467	32.2	36.1	0.233	0.012	459	0.0431	0.00233	0.0000852	0.00256	0.00129	1.71	0.0000044	0.0104	0.00128	0.00256	4.83E-23
2033 Aug	0.0163	0.0000472	32.5	36.4	0.236	0.0121	464	0.0435	0.00236	0.000086	0.00258	0.0013	1.73	0.00000445	0.0105	0.0013	0.00258	4.04E-23
2033 Sep	0.0155	0.000045	31	34.7	0.225	0.0116	442	0.0415	0.00225	0.0000821	0.00246	0.00124	1.65	0.00000424	0.0101	0.00124	0.00246	3.92E-23
2033 Oct	0.0153	0.0000443	30.5	34.2	0.221	0.0114	435	0.0408	0.00221	0.0000807	0.00242	0.00122	1.62	0.00000417	0.0099	0.00122	0.00242	6.37E-24
2033 Nov	0.0153	0.0000444	30.5	34.2	0.221	0.0114	435	0.0409	0.00221	0.0000808	0.00243	0.00122	1.62	0.00000418	0.0099	0.00122	0.00243	5.51E-24
2033 Dec	0.0153	0.0000444	30.5	34.2	0.221	0.0114	436	0.0409	0.00221	0.0000808	0.00243	0.00122	1.62	0.00000418	0.00991	0.00122	0.00243	5.51E-24
2034 Jan	0.0153	0.0000444	30.5	34.2	0.221	0.0114	436	0.0409	0.00221	0.0000808	0.00243	0.00122	1.62	0.00000418	0.00991	0.00122	0.00243	5.51E-24
2034 Feb	0.0153	0.0000444	30.5	34.2	0.221	0.0114	436	0.0409	0.00221	0.0000808	0.00243	0.00122	1.62	0.00000418	0.00991	0.00122	0.00243	5.51E-24
2034 Mar	0.0153	0.0000444	30.6	34.2	0.221	0.0114	436	0.0409	0.00221	0.0000808	0.00243	0.00122	1.62	0.00000418	0.00991	0.00122	0.00243	5.51E-24
2034 Apr	0.0153	0.0000445	30.6	34.3	0.222	0.0114	436	0.0409	0.00222	0.000081	0.00243	0.00122	1.62	0.00000419	0.00992	0.00122	0.00243	5.52E-24
2034 May	0.0154	0.0000448	30.8	34.5	0.223	0.0115	435	0.0412	0.00223	0.0000815	0.00245	0.00123	1.64	0.00000421	0.00999	0.00123	0.00245	5.14E-24
2034 Jun	0.0154	0.0000448	30.8	34.5	0.223	0.0115	403	0.0412	0.00223	0.0000816	0.00245	0.00123	1.64	0.00000422	0.01	0.00123	0.00245	1.09E-23
2034 Jul	0.0161	0.0000468	32.2	36.1	0.233	0.012	402	0.0431	0.00233	0.0000852	0.00256	0.00129	1.71	0.00000441	0.0104	0.00128	0.00256	4.31E-23
2034 Aug	0.0168	0.0000488	33.6	37.7	0.244	0.0126	419	0.045	0.00244	0.000089	0.00267	0.00135	1.78	0.0000046	0.0109	0.00134	0.00267	5.42E-23
2034 Sep	0.0159	0.000046	31.7	35.5	0.23	0.0118	395	0.0424	0.0023	0.0000838	0.00252	0.00127	1.68	0.00000433	0.0103	0.00126	0.00252	4.38E-23
2034 Oct	0.0154	0.0000445	30.7	34.3	0.222	0.0114	382	0.041	0.00222	0.0000811	0.00243	0.00123	1.63	0.00000419	0.00994	0.00122	0.00244	1.19E-23
2034 Nov	0.0154	0.0000446	30.7	34.4	0.223	0.0115	383	0.0411	0.00223	0.0000813	0.00244	0.00123	1.63	0.0000042	0.00996	0.00123	0.00244	1.07E-23
2034 Dec	0.0154	0.0000446	30.7	34.4	0.223	0.0115	383	0.0411	0.00223	0.0000813	0.00244	0.00123	1.63	0.0000042	0.00997	0.00123	0.00244	1.07E-23
2035 Jan	0.0154	0.0000446	30.7	34.4	0.223	0.0115	383	0.0411	0.00223	0.0000813	0.00244	0.00123	1.63	0.0000042	0.00997	0.00123	0.00244	1.07E-23
2035 Feb	0.0154	0.0000446	30.7	34.4	0.223	0.0115	383	0.0411	0.00223	0.0000813	0.00244	0.00123	1.63	0.0000042	0.00997	0.00123	0.00244	1.07E-23
2035 Mar	0.0154	0.0000447	30.7	34.4	0.223	0.0115	383	0.0411	0.00223	0.0000813	0.00244	0.00123	1.63	0.0000042	0.00997	0.00123	0.00244	1.07E-23
2035 Apr	0.0154	0.0000448	30.8	34.5	0.223	0.0115	384	0.0412	0.00223	0.0000816	0.00245	0.00123	1.64	0.00000422	0.01	0.00123	0.00245	1.07E-23
2035 May	0.0156	0.0000453	31.2	35	0.226	0.0117	386	0.0418	0.00226	0.0000826	0.00248	0.00125	1.66	0.00000427	0.0101	0.00124	0.00248	1.03E-23
2035 Jun	0.0154	0.0000447	30.8	34.5	0.223	0.0115	344	0.0411	0.00223	0.0000814	0.00244	0.00123	1.63	0.00000421	0.00997	0.00123	0.00244	8.37E-24
2035 Jul	0.0166	0.000048	33	37	0.239	0.0123	361	0.0442	0.00239	0.0000874	0.00262	0.00132	1.75	0.00000452	0.0107	0.00132	0.00263	4.93E-23
2035 Aug	0.0159	0.0000461	31.8	35.6	0.23	0.0119	346	0.0425	0.0023	0.000084	0.00252	0.00127	1.69	0.00000434	0.0103	0.00127	0.00252	4.03E-23
2035 Sep	0.0156	0.0000453	31.2	34.9	0.226	0.0116	339	0.0417	0.00226	0.0000824	0.00247	0.00125	1.65	0.00000426	0.0101	0.00124	0.00248	3.83E-23
2035 Oct	0.0156	0.0000454	31.2	35	0.226	0.0117	340	0.0418	0.00226	0.0000826	0.00248	0.00125	1.66	0.00000427	0.0101	0.00125	0.00248	2.07E-23
2035 Nov	0.0154	0.0000447	30.8	34.5	0.223	0.0115	335	0.0412	0.00223	0.0000814	0.00244	0.00123	1.63	0.00000421	0.00998	0.00123	0.00245	8.02E-24
2035 Dec	0.0154	0.0000447	30.8	34.5	0.223	0.0115	335	0.0412	0.00223	0.0000815	0.00245	0.00123	1.63	0.00000421	0.00998	0.00123	0.00245	8.02E-24
2036 Jan	0.0154	0.0000447	30.8	34.5	0.223	0.0115	335	0.0412	0.00223	0.0000815	0.00245	0.00123	1.63	0.00000421	0.00998	0.00123	0.00245	8.02E-24
2036 Feb	0.0154	0.0000447	30.8	34.5	0.223	0.0115	335	0.0412	0.00223	0.0000815	0.00245	0.00123	1.63	0.00000421	0.00998	0.00123	0.00245	8.02E-24
2036 Mar	0.0154	0.0000447	30.8	34.5	0.223	0.0115	335	0.0412	0.00223	0.0000815	0.00245	0.00123	1.63	0.00000421	0.00998	0.00123	0.00245	8.02E-24
2036 Apr	0.0155	0.0000448	30.9	34.6	0.224	0.0115	336	0.0413	0.00224	0.0000817	0.00245	0.00123	1.64	0.00000422	0.01	0.00123	0.00245	7.94E-24
2036 May	0.0156	0.0000453	31.2	34.9	0.226	0.0116	338	0.0417	0.00226	0.0000825	0.00248	0.00125	1.65	0.00000427	0.0101	0.00124	0.00248	7.71E-24
2036 Jun	0.0155	0.000045	31	34.7	0.224	0.0116	305	0.0414	0.00224	0.0000819	0.00246	0.00124	1.64	0.00000423	0.01	0.00123	0.00246	1.7E-23
2036 Jul	0.0167	0.0000483	33.3	37.3	0.241	0.0124	317	0.0445	0.00241	0.000088	0.00264	0.00133	1.77	0.00000455	0.0108	0.00133	0.00264	5.97E-23
2036 Aug	0.0167	0.0000485	33.4	37.4	0.242	0.0125	318	0.0447	0.00242	0.0000883	0.00265	0.00134	1.77	0.00000457	0.0108	0.00133	0.00265	4.44E-23
2036 Sep	0.0159	0.0000462	31.8	35.6	0.23	0.0119	303	0.0425	0.0023	0.0000841	0.00252	0.00127	1.69	0.00000435	0.0103	0.00127	0.00253	4.51E-23
2036 Oct	0.0157	0.0000455	31.3	35.1	0.227	0.0117	298	0.0419	0.00227	0.0000828	0.00249	0.00125	1.66	0.00000428	0.0102	0.00125	0.00249	4.06E-23
2036 Nov	0.0155	0.000045	31	34.7	0.225	0.0116	295	0.0415	0.00225	0.000082	0.00246	0.00124	1.64	0.00000424	0.0101	0.00124	0.00246	1.98E-23
2036 Dec	0.0155	0.0000449	30.9	34.6	0.224	0.0115	294	0.0413	0.00224	0.0000818	0.00245	0.00124	1.64	0.00000423	0.01	0.00123	0.00246	1.61E-23
2037 Jan	0.0155	0.0000449	30.9	34.6	0.224	0.0115	294	0.0413	0.00224	0.0000818	0.00245	0.00124	1.64	0.00000423	0.01	0.00123	0.00246	1.61E-23
2037 Feb	0.0155	0.0000449	30.9	34.6	0.224	0.0115	294	0.0413	0.00224	0.0000818	0.00245	0.00124	1.64	0.00000423	0.01	0.00123	0.00246	1.61E-23
2037 Mar	0.0155	0.0000449	30.9	34.7	0.224	0.0116	295	0.0414	0.00224	0.0000819	0.00246	0.00124	1.64	0.00000423	0.01	0.00123	0.00246	1.61E-23
2037 Apr	0.0155	0.0000451	31	34.8	0.225	0.0116	295	0.0415	0.00225	0.0000821	0.00246	0.00124	1.65	0.00000424	0.0101	0.00124	0.00247	1.61E-23
2037 May	0.0156	0.0000452	31.1	34.9	0.225	0.0116	284	0.0416	0.00225	0.0000823	0.00247	0.00124	1.65	0.00000426	0.0101	0.00124	0.00247	1.09E-23
2037 Jun	0.0656	0.0000181	10.7	19.7	0.168	0.00318	180	0.0151	0.0446	0.000446	0.000829	0.000472	0.769	0.0000209	0.00251	0.00112	0.00241	0.000292

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0528	0.0000112	6.36	12.8	0.112	0.00171	117	0.00892	0.0348	0.000342	0.000481	0.000289	0.477	0.0000154	0.00128	0.000783	0.00192	0.00021
2037 Aug	0.0417	0.00000841	4.92	9.61	0.0819	0.00129	86.6	0.00671	0.0262	0.000256	0.000361	0.000224	0.358	0.0000117	0.000963	0.000585	0.00161	0.000151
2037 Sep	0.0351	0.00000682	4.14	7.87	0.0653	0.00106	69.5	0.00545	0.0215	0.000207	0.000294	0.000188	0.292	0.00000961	0.000784	0.000473	0.00144	0.000118
2037 Oct	0.0328	0.00000634	3.9	7.28	0.0595	0.000994	63.5	0.00505	0.0199	0.00019	0.000273	0.000176	0.269	0.0000088	0.000735	0.000434	0.00138	0.000106
2037 Nov	0.0328	0.00000636	3.91	7.3	0.0595	0.000999	63.6	0.00507	0.0199	0.00019	0.000274	0.000177	0.27	0.0000088	0.000738	0.000434	0.00138	0.000106
2037 Dec	0.0328	0.00000636	3.91	7.3	0.0595	0.000999	63.6	0.00507	0.0199	0.00019	0.000274	0.000177	0.27	0.0000088	0.000738	0.000434	0.00138	0.000106
2038 Jan	0.0328	0.00000636	3.91	7.3	0.0595	0.000999	63.6	0.00507	0.0199	0.00019	0.000274	0.000177	0.27	0.0000088	0.000738	0.000434	0.00138	0.000106
2038 Feb	0.0328	0.00000636	3.91	7.3	0.0595	0.000999	63.6	0.00507	0.0199	0.00019	0.000274	0.000177	0.27	0.0000088	0.000738	0.000434	0.00138	0.000106
2038 Mar	0.0328	0.00000636	3.91	7.3	0.0595	0.000999	63.6	0.00507	0.0199	0.00019	0.000274	0.000177	0.27	0.0000088	0.000738	0.000434	0.00138	0.000106
2038 Apr	0.0328	0.00000636	3.91	7.3	0.0596	0.000999	63.6	0.00507	0.0199	0.00019	0.000274	0.000177	0.27	0.0000088	0.000738	0.000434	0.00138	0.000106
2038 May	0.0332	0.00000645	3.96	7.35	0.0605	0.00101	64.1	0.00513	0.0202	0.000193	0.000278	0.000178	0.274	0.00000894	0.000749	0.00044	0.00139	0.000108
2038 Jun	0.0432	0.00000732	3.93	7.12	0.0674	0.000985	58.1	0.00497	0.0256	0.000275	0.000287	0.000179	0.277	0.00000851	0.000719	0.000542	0.00149	0.000101
2038 Jul	0.042	0.00000672	3.53	6.36	0.0608	0.000866	50.4	0.00439	0.0243	0.000266	0.000256	0.000163	0.245	0.00000754	0.000624	0.000509	0.00144	0.0000857
2038 Aug	0.0387	0.00000609	3.27	5.8	0.0545	0.000793	45.4	0.00401	0.022	0.000239	0.000233	0.000151	0.223	0.00000691	0.00057	0.000459	0.00137	0.0000758
2038 Sep	0.0358	0.00000559	3.08	5.38	0.0495	0.00074	41.6	0.00371	0.0201	0.000217	0.000215	0.000141	0.206	0.00000641	0.000531	0.000419	0.00131	0.0000679
2038 Oct	0.0346	0.00000538	3.01	5.2	0.0473	0.000719	39.9	0.00358	0.0194	0.000208	0.000208	0.000138	0.199	0.00000618	0.000516	0.000401	0.00129	0.0000645
2038 Nov	0.0346	0.00000539	3.01	5.2	0.0473	0.00072	39.9	0.00359	0.0194	0.000208	0.000208	0.000138	0.199	0.00000618	0.000517	0.000401	0.00129	0.0000645
2038 Dec	0.0346	0.00000539	3.01	5.2	0.0473	0.00072	40	0.00359	0.0194	0.000208	0.000208	0.000138	0.199	0.00000618	0.000517	0.000401	0.00129	0.0000645
2039 Jan	0.0346	0.00000539	3.01	5.2	0.0473	0.00072	40	0.00359	0.0194	0.000208	0.000208	0.000138	0.199	0.00000618	0.000517	0.000401	0.00129	0.0000645
2039 Feb	0.0346	0.00000539	3.01	5.2	0.0473	0.00072	40	0.00359	0.0194	0.000208	0.000208	0.000138	0.199	0.00000618	0.000517	0.000401	0.00129	0.0000645
2039 Mar	0.0346	0.00000539	3.01	5.2	0.0473	0.00072	40	0.00359	0.0194	0.000208	0.000208	0.000138	0.199	0.00000618	0.000517	0.000401	0.00129	0.0000645
2039 Apr	0.0346	0.00000539	3.01	5.21	0.0473	0.000721	40	0.00359	0.0194	0.000208	0.000208	0.000138	0.199	0.00000618	0.000517	0.000401	0.00129	0.0000645
2039 May	0.0346	0.00000539	3.02	5.21	0.0474	0.000722	40	0.00359	0.0194	0.000208	0.000209	0.000138	0.2	0.00000619	0.000518	0.000402	0.00129	0.0000645
2039 Jun	0.0357	0.00000605	3.04	5.19	0.0469	0.000749	39	0.00373	0.0215	0.000204	0.000226	0.00014	0.199	0.00000593	0.000528	0.00042	0.00136	0.0000611
2039 Jul	0.0351	0.00000618	2.94	4.91	0.0438	0.000729	36	0.00361	0.0218	0.000191	0.000225	0.000136	0.189	0.00000552	0.000514	0.000409	0.00138	0.0000549
2039 Aug	0.0337	0.00000592	2.82	4.67	0.0411	0.000697	33.8	0.00343	0.0209	0.000179	0.000214	0.00013	0.179	0.00000524	0.000489	0.000385	0.00134	0.0000508
2039 Sep	0.0323	0.0000056	2.72	4.46	0.0387	0.000664	32	0.00326	0.0198	0.000169	0.000203	0.000125	0.17	0.00000504	0.000464	0.000365	0.00131	0.0000476
2039 Oct	0.0316	0.00000548	2.68	4.37	0.0377	0.000653	31.2	0.00319	0.0194	0.000165	0.000198	0.000124	0.167	0.00000494	0.000454	0.000355	0.0013	0.0000464
2039 Nov	0.0316	0.00000548	2.68	4.37	0.0377	0.000654	31.2	0.00319	0.0194	0.000165	0.000198	0.000124	0.167	0.00000494	0.000455	0.000355	0.0013	0.0000464
2039 Dec	0.0316	0.00000548	2.68	4.37	0.0377	0.000654	31.2	0.00319	0.0194	0.000165	0.000198	0.000124	0.167	0.00000494	0.000455	0.000355	0.0013	0.0000464
2040 Jan	0.0316	0.00000548	2.68	4.37	0.0377	0.000654	31.2	0.00319	0.0194	0.000165	0.000198	0.000124	0.167	0.00000494	0.000455	0.000355	0.0013	0.0000464
2040 Feb	0.0316	0.00000548	2.68	4.37	0.0377	0.000654	31.2	0.00319	0.0194	0.000165	0.000198	0.000124	0.167	0.00000494	0.000455	0.000355	0.0013	0.0000464
2040 Mar	0.0316	0.00000548	2.68	4.37	0.0377	0.000654	31.2	0.00319	0.0194	0.000165	0.000198	0.000124	0.167	0.00000494	0.000455	0.000355	0.0013	0.0000464
2040 Apr	0.0316	0.00000548	2.68	4.37	0.0377	0.000654	31.2	0.00319	0.0194	0.000165	0.000198	0.000124	0.167	0.00000494	0.000455	0.000355	0.0013	0.0000464
2040 May	0.0317	0.00000549	2.68	4.38	0.0377	0.000655	31.3	0.0032	0.0195	0.000165	0.000199	0.000124	0.167	0.00000494	0.000456	0.000355	0.0013	0.0000464
2040 Jun	0.0348	0.00000588	2.69	4.38	0.0397	0.000655	30	0.00319	0.0215	0.000187	0.000205	0.000126	0.167	0.00000477	0.00045	0.000389	0.00135	0.0000442
2040 Jul	0.0348	0.00000581	2.62	4.24	0.0385	0.000632	28.5	0.00308	0.0215	0.000186	0.0002	0.000123	0.161	0.0000046	0.000432	0.000385	0.00135	0.0000417
2040 Aug	0.0338	0.00000562	2.55	4.11	0.0369	0.000614	27.4	0.00298	0.0207	0.000178	0.000194	0.00012	0.156	0.00000447	0.000418	0.000371	0.00133	0.00004
2040 Sep	0.0328	0.00000545	2.51	4.01	0.0356	0.000603	26.5	0.0029	0.0201	0.000171	0.000188	0.000119	0.151	0.00000436	0.000405	0.000357	0.00131	0.0000393
2040 Oct	0.0323	0.00000534	2.48	3.95	0.0349	0.000594	26	0.00285	0.0197	0.000168	0.000185	0.000118	0.149	0.0000043	0.000398	0.00035	0.0013	0.0000386
2040 Nov	0.0323	0.00000535	2.48	3.95	0.0349	0.000594	26	0.00285	0.0197	0.000168	0.000185	0.000118	0.149	0.0000043	0.000398	0.00035	0.0013	0.0000386
2040 Dec	0.0323	0.00000535	2.48	3.95	0.0349	0.000594	26	0.00285	0.0197	0.000168	0.000185	0.000118	0.149	0.0000043	0.000398	0.00035	0.0013	0.0000386
2041 Jan	0.0323	0.00000535	2.48	3.95	0.0349	0.000594	26	0.00285	0.0197	0.000168	0.000185	0.000118	0.149	0.0000043	0.000398	0.00035	0.0013	0.0000386
2041 Feb	0.0323	0.00000535	2.48	3.95	0.0349	0.000594	26	0.00285	0.0197	0.000168	0.000185	0.000118	0.149	0.0000043	0.000398	0.00035	0.0013	0.0000386
2041 Mar	0.0323	0.00000535	2.48	3.95	0.0349	0.000594	26	0.00285	0.0197	0.000168	0.000185	0.000118	0.149	0.0000043	0.000398	0.00035	0.0013	0.0000386
2041 Apr	0.0323	0.00000535	2.48	3.95	0.0349	0.000594	26	0.00285	0.0197	0.000168	0.000185	0.000118	0.149	0.0000043	0.000398	0.00035	0.0013	0.0000387
2041 May	0.0323	0.00000535	2.49	3.95	0.0349	0.000595	26	0.00285	0.0197	0.000168	0.000185	0.000118	0.149	0.0000043	0.000399	0.00035	0.0013	0.0000387
2041 Jun	0.0329	0.00000562	2.49	3.95	0.0347	0.000602	25.5	0.00288	0.0207	0.000166	0.000192	0.000119	0.148	0.00000421	0.000399	0.000358	0.00133	0.0000381
2041 Jul	0.0331	0.0000058	2.45	3.84	0.0336	0.00059	24.3	0.00283	0.0215	0.000162	0.000194	0.000117	0.144	0.00000409	0.00039	0.000361	0.00137	0.0000357
2041 Aug	0.0325	0.00000565	2.4	3.75	0.0325	0.000575	23.5	0.00275	0.021	0.000157	0.000189	0.000115	0.14	0.00000401	0.000379	0.000351	0.00135	0.0000347
2041 Sep	0.0317	0.0000055	2.37	3.67	0.0316	0.000565	22.9	0.00269	0.0205	0.000152	0.000184	0.000114	0.137	0.00000394	0.000369	0.00034	0.00134	0.0000342
2041 Oct	0.0314	0.00000544	2.36	3.64	0.0312	0.000563	22.6	0.00266	0.0202	0.00015	0.000182	0.000114	0.136	0.0000039	0.000366	0.000335	0.00133	0.0000342
2041 Nov	0.0314	0.00000544	2.36	3.64	0.0312	0.000563	22.6	0.00266	0.0202	0.00015	0.000182	0.000114	0.136	0.0000039	0.000366	0.000335	0.00133	0.0000342
2041 Dec	0.0314	0.00000544	2.36	3.64	0.0312	0.000563	22.6	0.00266	0.0202	0.00015	0.000182	0.000114	0.136	0.0000039	0.000366	0.000335	0.00133	0.0000342
2042 Jan	0.0314	0.00000544	2.36	3.64	0.0312	0.000563	22.6	0.00266	0.0202	0.00015	0.000182	0.000114	0.136	0.0000039	0.000366	0.000335	0.00133	0.0000342
2042 Feb	0.0314	0.00000544	2.36	3.64	0.0312	0.000563	22.6	0.00266	0.0202	0.00015	0.000182	0.000114	0.136	0.0000039	0.000366	0.000335	0.00133	0.0000342
2042 Mar	0.0314	0.00000544	2.36	3.64	0.0312	0.000563	22.6	0.00266	0.0202	0.00015	0.000182	0.000114	0.136	0.0000039	0.000366	0.000335	0.00133	0.0000342
2042 Apr	0.0314	0.00000544	2.36	3.65	0.0312	0.000563	22.6	0.00266	0.0202	0.00015	0.000182	0.000114	0.136	0.0000039	0.000366	0.000336	0.00133	0.0000342
2042 May	0.0314	0.00000544	2.36	3.65	0.0312	0.000564	22.6	0.00266	0.0202	0.00015	0.000183	0.000114	0.136	0.00000391	0.000366	0.000336	0.00133	0.0000342
2042 Jun	0.0318	0.0000056	2.36	3.63	0.0311	0.000566	22.2	0.00267	0.0209	0.000149	0.000186	0.000114	0.135	0.00000386	0.000365	0.000341	0.00135	0.0000339
2042 Jul	0.0318	0.00000566	2.32	3.55	0.0302	0.000555	21.5	0.00262	0.0212	0.000146	0.000185	0.000112	0.132	0.00000378	0.000357	0.00034	0.00137	0.0000325
2042 Aug	0.0313	0.00000559	2.29	3.5	0.0294	0.000548	20.9	0.00258	0.0208	0.000142	0.000182	0.000111	0.129	0.00000371	0.000351	0.000331	0.00135	0.0000316
2042 Sep	0.0307	0.00000545	2.26	3.43	0.0287	0.000538	20.4	0.00253	0.0204	0.000138	0.000178	0.000109	0.127	0.00000365	0.000344	0.000323	0.00134	0.0000305
2042 Oct	0.0304	0.00000539	2.24	3.4	0.0283	0.000533	20.2	0.0025	0.0201	0.000137	0.000176	0.000108	0.126	0.00000362	0.000341	0.000319	0.00133	0.00003
2042 Nov	0.0304	0.00000539	2.24	3.4	0.0283	0.000533	20.2	0.0025	0.0201	0.000137	0.000176	0.000108	0.126	0.00000362	0.000341	0.000319	0.00133	0.00003
2042 Dec	0.0304	0.00000539	2.24	3.4	0.0283	0.000533	20.2	0.0025	0.0201	0.000137	0.000176	0.000108	0.126	0.00000362	0.000341	0.000319	0.00133	0.00003
2043 Jan	0.0304	0.00000539	2.24	3.4	0.0283	0.000533	20.2	0.0025	0.0201	0.000137	0.000176	0.000108	0.126	0.00000362	0.000341	0.000319	0.00133	0.00003
2043 Feb	0.0304	0.00000539	2.24	3.4	0.0283	0.000533	20.2	0.0025	0.0201	0.000137	0.000176	0.000108	0.126	0.00000362	0.000341	0.000319	0.00133	0.00003
2043 Mar	0.0304	0.00000539	2.24	3.4	0.0283	0.000533	20.2	0.0025	0.0201	0.000137	0.000176	0.000108	0.126	0.00000362	0.000341	0.000319	0.00133	0.00003
2043 Apr	0.0304	0.00000539	2.24	3.41	0.0283	0.000533	20.2	0.0025	0.0201	0.000137	0.000176	0.000109	0.126	0.00000362	0.000341	0.000319	0.00133	0.0000301
2043 May	0.0304	0.00000539	2.24	3.41	0.0283	0.000533	20.2	0.00251	0.0201	0.000137	0.000176	0.000109	0.126	0.00000363	0.000341	0.000319	0.00133	0.0000301
2043 Jun	0.0304	0.00000538	2.24	3.4	0.0282	0.000533	20	0.00251	0.0201	0.000137	0.000176	0.000108	0.125	0.00000359	0.000341	0.000318	0.00132	0.0000294
2043 Jul	0.0299	0.00000527	2.2	3.34	0.0275	0.000523	19.6	0.00246	0.0196	0.000134	0.000172	0.000107	0.123	0.00000355	0.000334	0.000312	0.00131	0.0000286
2043 Aug	0.0295	0.00000515	2.17	3.28	0.0269	0.000512	19.2	0.00241	0.0192	0.000132	0.000168	0.000105	0.121	0.00000351	0.000327	0.000305	0.0013	0.0000278
2043 Sep	0.029	0.00000502	2.14	3.23	0.0263	0.000501	18.8	0.00236	0.0188	0.000129	0.000164	0.000103	0.118	0.00000347	0.00032	0.000298	0.00128	0.0000271
2043 Oct	0.0288	0.00000497	2.13	3.2	0.0259	0.000496	18.6	0.00234	0.0186	0.000128	0.000163	0.000103	0.117	0.00000345	0.000316	0.000295	0.00128	0.0000267
2043 Nov	0.0288	0.00000497	2.13	3.2	0.026	0.000497	18.6	0.00234	0.0186	0.000128	0.000163	0.000103	0.117	0.00000345	0.000316	0.000295	0.00128	0.0000267

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0288	0.00000497	2.13	3.2	0.026	0.000497	18.6	0.00234	0.0186	0.000128	0.000163	0.000103	0.117	0.00000345	0.000316	0.000295	0.00128	0.0000267
2044 Jan	0.0288	0.00000497	2.13	3.2	0.026	0.000497	18.6	0.00234	0.0186	0.000128	0.000163	0.000103	0.117	0.00000345	0.000316	0.000295	0.00128	0.0000267
2044 Feb	0.0288	0.00000497	2.13	3.2	0.026	0.000497	18.6	0.00234	0.0186	0.000128	0.000163	0.000103	0.117	0.00000345	0.000316	0.000295	0.00128	0.0000267
2044 Mar	0.0288	0.00000497	2.13	3.2	0.026	0.000497	18.6	0.00234	0.0186	0.000128	0.000163	0.000103	0.117	0.00000345	0.000316	0.000295	0.00128	0.0000267
2044 Apr	0.0288	0.00000497	2.13	3.2	0.026	0.000497	18.6	0.00234	0.0186	0.000128	0.000163	0.000103	0.117	0.00000345	0.000316	0.000295	0.00128	0.0000267
2044 May	0.0288	0.00000498	2.13	3.2	0.026	0.000497	18.6	0.00234	0.0187	0.000128	0.000163	0.000103	0.117	0.00000345	0.000316	0.000295	0.00128	0.0000267
2044 Jun	0.0287	0.00000496	2.11	3.18	0.0258	0.000494	18.4	0.00233	0.0186	0.000127	0.000162	0.000102	0.116	0.00000342	0.000314	0.000294	0.00128	0.0000261
2044 Jul	0.0285	0.00000489	2.09	3.14	0.0253	0.000486	18.1	0.0023	0.0184	0.000126	0.00016	0.000101	0.115	0.00000339	0.000308	0.00029	0.00127	0.0000256
2044 Aug	0.0285	0.00000489	2.09	3.14	0.0253	0.000486	18.1	0.0023	0.0184	0.000126	0.00016	0.000101	0.115	0.00000339	0.000308	0.00029	0.00127	0.0000255
2044 Sep	0.0285	0.00000489	2.09	3.15	0.0253	0.000487	18.1	0.0023	0.0184	0.000126	0.00016	0.000101	0.115	0.00000339	0.000309	0.00029	0.00127	0.0000255
2044 Oct	0.0285	0.00000489	2.09	3.15	0.0253	0.000487	18.1	0.0023	0.0184	0.000126	0.00016	0.000101	0.115	0.00000339	0.000309	0.00029	0.00127	0.0000255
2044 Nov	0.0285	0.00000489	2.09	3.15	0.0253	0.000487	18.1	0.0023	0.0184	0.000126	0.00016	0.000101	0.115	0.00000339	0.000309	0.00029	0.00127	0.0000255
2044 Dec	0.0285	0.00000489	2.09	3.15	0.0253	0.000487	18.1	0.0023	0.0184	0.000126	0.00016	0.000101	0.115	0.00000339	0.000309	0.00029	0.00127	0.0000255
2045 Jan	0.0285	0.00000489	2.09	3.15	0.0253	0.000487	18.1	0.0023	0.0184	0.000126	0.00016	0.000101	0.115	0.00000339	0.000309	0.00029	0.00127	0.0000255
2045 Feb	0.0285	0.00000489	2.09	3.15	0.0253	0.000487	18.1	0.0023	0.0184	0.000126	0.00016	0.000101	0.115	0.00000339	0.000309	0.00029	0.00127	0.0000255
2045 Mar	0.0285	0.00000489	2.09	3.15	0.0253	0.000487	18.1	0.0023	0.0184	0.000126	0.00016	0.000101	0.115	0.00000339	0.000309	0.00029	0.00127	0.0000255
2045 Apr	0.0285	0.00000489	2.09	3.15	0.0253	0.000487	18.1	0.0023	0.0184	0.000126	0.00016	0.000101	0.115	0.00000339	0.000309	0.00029	0.00127	0.0000255
2045 May	0.0285	0.0000049	2.09	3.15	0.0254	0.000487	18.1	0.0023	0.0184	0.000126	0.00016	0.000101	0.115	0.00000339	0.000309	0.00029	0.00127	0.0000255
2045 Jun	0.0286	0.00000494	2.1	3.16	0.0254	0.000489	18.1	0.00232	0.0185	0.000126	0.000161	0.000101	0.115	0.00000339	0.000311	0.000292	0.00127	0.0000254
2045 Jul	0.0286	0.00000496	2.1	3.16	0.0255	0.000491	18.1	0.00233	0.0186	0.000126	0.000162	0.000101	0.115	0.00000338	0.000312	0.000293	0.00127	0.0000254
2045 Aug	0.0287	0.00000497	2.1	3.17	0.0255	0.000492	18.2	0.00233	0.0186	0.000126	0.000162	0.000102	0.116	0.00000339	0.000312	0.000293	0.00128	0.0000254
2045 Sep	0.0287	0.00000497	2.11	3.17	0.0255	0.000492	18.2	0.00233	0.0186	0.000126	0.000162	0.000102	0.116	0.00000339	0.000313	0.000293	0.00128	0.0000254
2045 Oct	0.0287	0.00000497	2.11	3.17	0.0255	0.000493	18.2	0.00233	0.0186	0.000126	0.000162	0.000102	0.116	0.00000339	0.000313	0.000293	0.00128	0.0000254
2045 Nov	0.0287	0.00000497	2.11	3.17	0.0255	0.000493	18.2	0.00233	0.0186	0.000126	0.000162	0.000102	0.116	0.00000339	0.000313	0.000293	0.00128	0.0000254
2045 Dec	0.0287	0.00000497	2.11	3.17	0.0255	0.000493	18.2	0.00233	0.0186	0.000126	0.000162	0.000102	0.116	0.00000339	0.000313	0.000293	0.00128	0.0000254
2046 Jan	0.0287	0.00000497	2.11	3.17	0.0255	0.000493	18.2	0.00233	0.0186	0.000126	0.000162	0.000102	0.116	0.00000339	0.000313	0.000293	0.00128	0.0000254
2046 Feb	0.0287	0.00000497	2.11	3.17	0.0255	0.000493	18.2	0.00233	0.0186	0.000126	0.000162	0.000102	0.116	0.00000339	0.000313	0.000293	0.00128	0.0000254
2046 Mar	0.0287	0.00000497	2.11	3.17	0.0255	0.000493	18.2	0.00233	0.0186	0.000126	0.000162	0.000102	0.116	0.00000339	0.000313	0.000293	0.00128	0.0000254
2046 Apr	0.0287	0.00000497	2.11	3.17	0.0255	0.000493	18.2	0.00233	0.0186	0.000126	0.000162	0.000102	0.116	0.00000339	0.000313	0.000293	0.00128	0.0000254
2046 May	0.0287	0.00000498	2.11	3.17	0.0255	0.000493	18.2	0.00233	0.0186	0.000126	0.000162	0.000102	0.116	0.00000339	0.000313	0.000294	0.00128	0.0000254
2046 Jun	0.0288	0.00000502	2.11	3.18	0.0255	0.000494	18.1	0.00234	0.0188	0.000126	0.000163	0.000102	0.116	0.00000338	0.000314	0.000295	0.00128	0.0000252
2046 Jul	0.0288	0.00000505	2.11	3.18	0.0255	0.000495	18.1	0.00235	0.0189	0.000126	0.000164	0.000102	0.116	0.00000337	0.000314	0.000296	0.00128	0.0000251
2046 Aug	0.0288	0.00000506	2.11	3.18	0.0256	0.000496	18.1	0.00235	0.0189	0.000126	0.000164	0.000102	0.116	0.00000338	0.000315	0.000296	0.00129	0.0000251
2046 Sep	0.0288	0.00000506	2.11	3.18	0.0256	0.000496	18.1	0.00235	0.0189	0.000126	0.000164	0.000102	0.116	0.00000338	0.000315	0.000296	0.00129	0.0000251
2046 Oct	0.0288	0.00000506	2.11	3.18	0.0256	0.000496	18.1	0.00236	0.0189	0.000126	0.000165	0.000102	0.116	0.00000337	0.000316	0.000296	0.00129	0.0000251
2046 Nov	0.0288	0.00000506	2.11	3.18	0.0256	0.000497	18.1	0.00236	0.0189	0.000126	0.000165	0.000102	0.116	0.00000337	0.000316	0.000296	0.00129	0.0000251
2046 Dec	0.0288	0.00000506	2.11	3.18	0.0256	0.000497	18.1	0.00236	0.0189	0.000126	0.000165	0.000102	0.116	0.00000337	0.000316	0.000296	0.00129	0.0000251
2047 Jan	0.0288	0.00000506	2.11	3.18	0.0256	0.000497	18.1	0.00236	0.0189	0.000126	0.000165	0.000102	0.116	0.00000337	0.000316	0.000296	0.00129	0.0000251
2047 Feb	0.0288	0.00000506	2.11	3.18	0.0256	0.000497	18.1	0.00236	0.0189	0.000126	0.000165	0.000102	0.116	0.00000337	0.000316	0.000296	0.00129	0.0000251
2047 Mar	0.0288	0.00000506	2.11	3.18	0.0256	0.000497	18.1	0.00236	0.0189	0.000126	0.000165	0.000102	0.116	0.00000337	0.000316	0.000296	0.00129	0.0000251
2047 Apr	0.0288	0.00000506	2.11	3.18	0.0256	0.000497	18.1	0.00236	0.0189	0.000126	0.000165	0.000102	0.116	0.00000337	0.000316	0.000297	0.00129	0.0000251
2047 May	0.0289	0.00000507	2.11	3.19	0.0256	0.000497	18.1	0.00236	0.0189	0.000126	0.000165	0.000102	0.116	0.00000337	0.000316	0.000297	0.00129	0.0000251
2047 Jun	0.0291	0.00000511	2.12	3.2	0.0258	0.000499	18.1	0.00237	0.0191	0.000128	0.000166	0.000102	0.117	0.00000336	0.000317	0.0003	0.00129	0.0000249
2047 Jul	0.0291	0.00000512	2.12	3.2	0.0259	0.0005	18.1	0.00238	0.0191	0.000128	0.000166	0.000102	0.117	0.00000337	0.000318	0.0003	0.00129	0.0000249
2047 Aug	0.0292	0.00000513	2.12	3.21	0.0259	0.000501	18.1	0.00238	0.0191	0.000128	0.000167	0.000103	0.117	0.00000337	0.000318	0.000301	0.00129	0.000025
2047 Sep	0.0292	0.00000513	2.13	3.21	0.0259	0.000501	18.1	0.00238	0.0191	0.000128	0.000167	0.000103	0.117	0.00000337	0.000319	0.000301	0.00129	0.000025
2047 Oct	0.0291	0.00000513	2.13	3.21	0.0259	0.000501	18.1	0.00238	0.0191	0.000128	0.000167	0.000103	0.117	0.00000337	0.000319	0.000301	0.00129	0.0000249
2047 Nov	0.0292	0.00000513	2.13	3.21	0.0259	0.000502	18.1	0.00238	0.0191	0.000128	0.000167	0.000103	0.117	0.00000337	0.000319	0.000301	0.00129	0.0000249
2047 Dec	0.0292	0.00000513	2.13	3.21	0.0259	0.000502	18.1	0.00238	0.0191	0.000128	0.000167	0.000103	0.117	0.00000337	0.000319	0.000301	0.00129	0.0000249
2048 Jan	0.0292	0.00000513	2.13	3.21	0.0259	0.000502	18.1	0.00238	0.0191	0.000128	0.000167	0.000103	0.117	0.00000337	0.000319	0.000301	0.00129	0.0000249
2048 Feb	0.0292	0.00000513	2.13	3.21	0.0259	0.000502	18.1	0.00238	0.0191	0.000128	0.000167	0.000103	0.117	0.00000337	0.000319	0.000301	0.00129	0.0000249
2048 Mar	0.0292	0.00000513	2.13	3.21	0.0259	0.000502	18.1	0.00238	0.0191	0.000128	0.000167	0.000103	0.117	0.00000337	0.000319	0.000301	0.00129	0.0000249
2048 Apr	0.0292	0.00000513	2.13	3.21	0.0259	0.000502	18.1	0.00238	0.0191	0.000128	0.000167	0.000103	0.117	0.00000337	0.000319	0.000301	0.00129	0.0000249
2048 May	0.0292	0.00000513	2.13	3.21	0.026	0.000502	18.1	0.00239	0.0191	0.000128	0.000167	0.000103	0.117	0.00000337	0.000319	0.000301	0.00129	0.000025
2048 Jun	0.0294	0.00000517	2.13	3.22	0.0261	0.000503	18.1	0.00239	0.0193	0.000129	0.000168	0.000103	0.117	0.00000336	0.00032	0.000304	0.0013	0.0000248
2048 Jul	0.0295	0.0000052	2.13	3.22	0.0262	0.000504	18	0.0024	0.0194	0.00013	0.000169	0.000103	0.118	0.00000335	0.00032	0.000306	0.0013	0.0000246
2048 Aug	0.0295	0.00000521	2.13	3.23	0.0262	0.000505	18.1	0.0024	0.0194	0.00013	0.000169	0.000103	0.118	0.00000336	0.000321	0.000306	0.0013	0.0000247
2048 Sep	0.0295	0.00000521	2.13	3.23	0.0262	0.000505	18.1	0.00241	0.0194	0.00013	0.000169	0.000103	0.118	0.00000336	0.000322	0.000306	0.0013	0.0000247
2048 Oct	0.0295	0.00000522	2.13	3.23	0.0262	0.000505	18.1	0.00241	0.0194	0.00013	0.000169	0.000103	0.118	0.00000336	0.000322	0.000306	0.0013	0.0000246
2048 Nov	0.0295	0.00000522	2.13	3.23	0.0262	0.000506	18.1	0.00241	0.0194	0.00013	0.000169	0.000103	0.118	0.00000336	0.000322	0.000306	0.0013	0.0000246
2048 Dec	0.0295	0.00000522	2.13	3.23	0.0262	0.000506	18.1	0.00241	0.0194	0.00013	0.000169	0.000103	0.118	0.00000336	0.000322	0.000306	0.0013	0.0000246
2049 Jan	0.0295	0.00000522	2.13	3.23	0.0262	0.000506	18.1	0.00241	0.0194	0.00013	0.000169	0.000103	0.118	0.00000336	0.000322	0.000306	0.0013	0.0000246
2049 Feb	0.0295	0.00000522	2.13	3.23	0.0262	0.000506	18.1	0.00241	0.0194	0.00013	0.000169	0.000103	0.118	0.00000336	0.000322	0.000306	0.0013	0.0000246
2049 Mar	0.0295	0.00000522	2.14	3.23	0.0262	0.000506	18.1	0.00241	0.0194	0.00013	0.000169	0.000103	0.118	0.00000336	0.000322	0.000306	0.0013	0.0000246
2049 Apr	0.0295	0.00000522	2.14	3.23	0.0263	0.000506	18.1	0.00241	0.0195	0.00013	0.000169	0.000103	0.118	0.00000336	0.000322	0.000306	0.0013	0.0000246
2049 May	0.0295	0.00000522	2.14	3.23	0.0263	0.000506	18.1	0.00241	0.0195	0.00013	0.000169	0.000103	0.118	0.00000336	0.000322	0.000306	0.0013	0.0000247
2049 Jun	0.0296	0.00000526	2.13	3.23	0.0263	0.000506	18	0.00241	0.0196	0.00013	0.00017	0.000103	0.118	0.00000334	0.000322	0.000308	0.0013	0.0000245
2049 Jul	0.0296	0.00000527	2.13	3.23	0.0263	0.000507	18	0.00242	0.0196	0.00013	0.00017	0.000103	0.118	0.00000334	0.000323	0.000308	0.00131	0.0000244
2049 Aug	0.0297	0.00000528	2.14	3.24	0.0263	0.000508	18	0.00242	0.0197	0.00013	0.000171	0.000103	0.118	0.00000335	0.000324	0.000309	0.00131	0.0000244
2049 Sep	0.0296	0.00000529	2.14	3.24	0.0263	0.000509	18	0.00243	0.0197	0.00013	0.000171	0.000103	0.118	0.00000335	0.000324	0.000309	0.00131	0.0000244
2049 Oct	0.0296	0.00000529	2.14	3.24	0.0263	0.000509	18	0.00243	0.0197	0.00013	0.000171	0.000103	0.118	0.00000334	0.000324	0.000309	0.00131	0.0000244
2049 Nov	0.0296	0.00000529	2.14	3.24	0.0263	0.000509	18	0.00243	0.0197	0.00013	0.000171	0.000103	0.118	0.00000334	0.000324	0.000309	0.00131	0.0000244
2049 Dec	0.0296	0.00000529	2.14	3.24	0.0263	0.000509	18	0.00243	0.0197	0.00013	0.000171	0.000103	0.118	0.00000334	0.000324	0.000309	0.00131	0.0000244
2050 Jan	0.0296	0.00000529	2.14	3.24	0.0263	0.000509	18	0.00243	0.0197	0.00013	0.000171	0.000103	0.118	0.00000334	0.000324	0.000309	0.00131	0.0000244
2050 Feb	0.0296	0.00000529	2.14	3.24	0.0263	0.000509	18	0.00243	0.0197	0.00013	0.000171	0.000103	0.118	0.00000334	0.000324	0.000309	0.00131	0.0000244
2050 Mar	0.0296	0.00000529	2.14	3.24	0.0263	0.000509	18	0.00243	0.0197	0.00013	0.000171	0.000103	0.118	0.00000334	0.000324	0.000309	0.00131	0.0000244
2050 Apr	0.0296	0.00000529	2.14	3.24	0.0263	0.000509	18	0.00243	0.0197	0.00013	0.000171	0.000103	0.118	0.00000334	0.000324	0.000309	0.00131	0.0000244

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.0297	0.00000529	2.14	3.24	0.0263	0.000509	18	0.00243	0.0197	0.00013	0.000171	0.000103	0.118	0.00000335	0.000325	0.000309	0.00131	0.0000244
2050 Jun	0.0297	0.00000532	2.14	3.24	0.0263	0.00051	18	0.00243	0.0198	0.00013	0.000172	0.000103	0.118	0.00000334	0.000325	0.00031	0.00131	0.0000243
2050 Jul	0.0297	0.00000533	2.14	3.25	0.0263	0.000511	17.9	0.00244	0.0198	0.00013	0.000172	0.000103	0.118	0.00000333	0.000326	0.00031	0.00131	0.0000242
2050 Aug	0.0297	0.00000534	2.15	3.25	0.0264	0.000512	17.9	0.00244	0.0199	0.00013	0.000172	0.000104	0.118	0.00000334	0.000326	0.000311	0.00131	0.0000242
2050 Sep	0.0297	0.00000534	2.15	3.25	0.0264	0.000512	18	0.00244	0.0199	0.00013	0.000173	0.000104	0.119	0.00000334	0.000327	0.000311	0.00131	0.0000242
2050 Oct	0.0298	0.00000535	2.15	3.25	0.0264	0.000512	18	0.00244	0.0199	0.00013	0.000173	0.000104	0.119	0.00000334	0.000327	0.000311	0.00131	0.0000242
2050 Nov	0.0298	0.00000535	2.15	3.25	0.0264	0.000513	18	0.00245	0.0199	0.00013	0.000173	0.000104	0.119	0.00000334	0.000327	0.000311	0.00131	0.0000243
2050 Dec	0.0298	0.00000535	2.15	3.25	0.0264	0.000513	18	0.00245	0.0199	0.00013	0.000173	0.000104	0.119	0.00000334	0.000327	0.000311	0.00131	0.0000243
2051 Jan	0.0298	0.00000535	2.15	3.25	0.0264	0.000513	18	0.00245	0.0199	0.00013	0.000173	0.000104	0.119	0.00000334	0.000327	0.000311	0.00131	0.0000243
2051 Feb	0.0298	0.00000535	2.15	3.25	0.0264	0.000513	18	0.00245	0.0199	0.00013	0.000173	0.000104	0.119	0.00000334	0.000327	0.000311	0.00131	0.0000243
2051 Mar	0.0298	0.00000535	2.15	3.25	0.0264	0.000513	18	0.00245	0.0199	0.00013	0.000173	0.000104	0.119	0.00000334	0.000327	0.000311	0.00131	0.0000243
2051 Apr	0.0298	0.00000535	2.15	3.25	0.0264	0.000513	18	0.00245	0.0199	0.00013	0.000173	0.000104	0.119	0.00000334	0.000327	0.000311	0.00131	0.0000243
2051 May	0.0298	0.00000535	2.15	3.26	0.0264	0.000513	18	0.00245	0.0199	0.00013	0.000173	0.000104	0.119	0.00000334	0.000327	0.000311	0.00132	0.0000243
2051 Jun	0.03	0.00000541	2.15	3.27	0.0266	0.000515	17.9	0.00247	0.0201	0.000132	0.000174	0.000104	0.119	0.00000332	0.000328	0.000315	0.00132	0.000024
2051 Jul	0.03	0.00000542	2.15	3.27	0.0267	0.000516	17.9	0.00247	0.0201	0.000132	0.000175	0.000104	0.119	0.00000332	0.000329	0.000315	0.00132	0.000024
2051 Aug	0.0301	0.00000543	2.16	3.28	0.0267	0.000517	17.9	0.00247	0.0201	0.000132	0.000175	0.000104	0.119	0.00000332	0.00033	0.000316	0.00132	0.000024
2051 Sep	0.0301	0.00000543	2.16	3.28	0.0267	0.000517	17.9	0.00248	0.0201	0.000132	0.000175	0.000104	0.119	0.00000332	0.00033	0.000316	0.00132	0.0000239
2051 Oct	0.0301	0.00000544	2.16	3.28	0.0267	0.000518	17.8	0.00248	0.0202	0.000132	0.000175	0.000104	0.119	0.00000331	0.00033	0.000316	0.00132	0.0000238
2051 Nov	0.0301	0.00000544	2.16	3.28	0.0267	0.000518	17.8	0.00248	0.0202	0.000132	0.000175	0.000104	0.119	0.00000331	0.00033	0.000316	0.00132	0.0000238
2051 Dec	0.0301	0.00000544	2.16	3.28	0.0267	0.000518	17.8	0.00248	0.0202	0.000132	0.000176	0.000104	0.119	0.00000331	0.00033	0.000316	0.00132	0.0000238
2052 Jan	0.0301	0.00000545	2.16	3.28	0.0267	0.000518	17.8	0.00248	0.0202	0.000132	0.000176	0.000104	0.119	0.00000331	0.00033	0.000316	0.00132	0.0000238
2052 Feb	0.0301	0.00000545	2.16	3.28	0.0267	0.000518	17.8	0.00248	0.0202	0.000132	0.000176	0.000104	0.119	0.00000331	0.00033	0.000316	0.00132	0.0000238
2052 Mar	0.0301	0.00000545	2.16	3.28	0.0267	0.000518	17.8	0.00248	0.0202	0.000132	0.000176	0.000104	0.119	0.00000331	0.00033	0.000316	0.00132	0.0000238
2052 Apr	0.0301	0.00000545	2.16	3.28	0.0267	0.000518	17.8	0.00248	0.0202	0.000132	0.000176	0.000104	0.119	0.00000331	0.00033	0.000316	0.00132	0.0000238
2052 May	0.0301	0.00000545	2.16	3.28	0.0267	0.000518	17.8	0.00248	0.0202	0.000132	0.000176	0.000104	0.119	0.00000331	0.000331	0.000316	0.00132	0.0000239
2052 Jun	0.0301	0.00000546	2.16	3.28	0.0268	0.000519	17.8	0.00248	0.0203	0.000132	0.000176	0.000104	0.12	0.00000331	0.000331	0.000317	0.00132	0.0000238
2052 Jul	0.0302	0.00000548	2.16	3.29	0.0268	0.00052	17.8	0.00249	0.0203	0.000132	0.000176	0.000105	0.12	0.00000331	0.000332	0.000317	0.00132	0.0000238
2052 Aug	0.0302	0.00000548	2.17	3.29	0.0268	0.000521	17.8	0.00249	0.0203	0.000132	0.000177	0.000105	0.12	0.00000331	0.000333	0.000318	0.00132	0.0000238
2052 Sep	0.0302	0.00000549	2.17	3.29	0.0269	0.000522	17.8	0.0025	0.0203	0.000132	0.000177	0.000105	0.12	0.00000331	0.000333	0.000318	0.00132	0.0000238
2052 Oct	0.0302	0.00000549	2.17	3.29	0.0269	0.000522	17.8	0.0025	0.0203	0.000132	0.000177	0.000105	0.12	0.00000331	0.000333	0.000318	0.00133	0.0000238
2052 Nov	0.0302	0.00000549	2.17	3.3	0.0269	0.000522	17.9	0.0025	0.0203	0.000132	0.000177	0.000105	0.12	0.00000332	0.000333	0.000318	0.00133	0.0000238
2052 Dec	0.0302	0.00000549	2.17	3.3	0.0269	0.000522	17.9	0.0025	0.0203	0.000132	0.000177	0.000105	0.12	0.00000332	0.000333	0.000318	0.00133	0.0000238
2053 Jan	0.0302	0.00000549	2.17	3.3	0.0269	0.000522	17.9	0.0025	0.0203	0.000132	0.000177	0.000105	0.12	0.00000332	0.000333	0.000318	0.00133	0.0000238
2053 Feb	0.0302	0.00000549	2.17	3.3	0.0269	0.000522	17.9	0.0025	0.0203	0.000132	0.000177	0.000105	0.12	0.00000332	0.000333	0.000318	0.00133	0.0000238
2053 Mar	0.0302	0.00000549	2.17	3.3	0.0269	0.000522	17.9	0.0025	0.0203	0.000132	0.000177	0.000105	0.12	0.00000332	0.000333	0.000318	0.00133	0.0000238
2053 Apr	0.0302	0.00000549	2.17	3.3	0.0269	0.000522	17.9	0.0025	0.0203	0.000132	0.000177	0.000105	0.12	0.00000332	0.000334	0.000318	0.00133	0.0000238
2053 May	0.0303	0.0000055	2.17	3.3	0.0269	0.000524	17.9	0.0025	0.0204	0.000133	0.000177	0.000105	0.12	0.00000332	0.000334	0.000319	0.00133	0.0000238
2053 Jun	0.0305	0.00000554	2.18	3.32	0.0272	0.000526	17.8	0.00252	0.0205	0.000135	0.000178	0.000105	0.121	0.0000033	0.000335	0.000322	0.00133	0.0000236
2053 Jul	0.0305	0.00000555	2.18	3.32	0.0272	0.000527	17.8	0.00253	0.0206	0.000135	0.000179	0.000105	0.121	0.00000331	0.000336	0.000322	0.00133	0.0000236
2053 Aug	0.0306	0.00000556	2.18	3.33	0.0273	0.000528	17.8	0.00253	0.0206	0.000135	0.000179	0.000106	0.121	0.00000331	0.000337	0.000323	0.00133	0.0000236
2053 Sep	0.0306	0.00000557	2.19	3.33	0.0273	0.000529	17.9	0.00253	0.0206	0.000135	0.000179	0.000106	0.121	0.00000331	0.000338	0.000323	0.00133	0.0000237
2053 Oct	0.0306	0.00000557	2.19	3.34	0.0273	0.000529	17.9	0.00253	0.0206	0.000135	0.000179	0.000106	0.121	0.00000332	0.000338	0.000323	0.00133	0.0000237
2053 Nov	0.0306	0.00000557	2.19	3.34	0.0273	0.000529	17.9	0.00254	0.0206	0.000135	0.000179	0.000106	0.121	0.00000332	0.000338	0.000323	0.00133	0.0000237
2053 Dec	0.0306	0.00000557	2.19	3.34	0.0273	0.000529	17.9	0.00254	0.0206	0.000135	0.000179	0.000106	0.121	0.00000332	0.000338	0.000323	0.00133	0.0000237
2054 Jan	0.0306	0.00000557	2.19	3.34	0.0273	0.000529	17.9	0.00254	0.0206	0.000135	0.000179	0.000106	0.121	0.00000332	0.000338	0.000323	0.00133	0.0000237
2054 Feb	0.0306	0.00000557	2.19	3.34	0.0273	0.000529	17.9	0.00254	0.0206	0.000135	0.000179	0.000106	0.121	0.00000332	0.000338	0.000323	0.00133	0.0000237
2054 Mar	0.0306	0.00000557	2.19	3.34	0.0273	0.000529	17.9	0.00254	0.0206	0.000135	0.000179	0.000106	0.121	0.00000332	0.000338	0.000323	0.00133	0.0000237
2054 Apr	0.0306	0.00000557	2.19	3.34	0.0273	0.000529	17.9	0.00254	0.0206	0.000135	0.000179	0.000106	0.121	0.00000332	0.000338	0.000323	0.00133	0.0000237
2054 May	0.0306	0.00000558	2.19	3.34	0.0274	0.00053	17.9	0.00254	0.0206	0.000135	0.000179	0.000106	0.122	0.00000332	0.000338	0.000324	0.00133	0.0000237
2054 Jun	0.0309	0.00000561	2.19	3.35	0.0276	0.000532	17.8	0.00255	0.0207	0.000137	0.00018	0.000106	0.122	0.00000331	0.000339	0.000327	0.00134	0.0000235
2054 Jul	0.0309	0.00000562	2.2	3.36	0.0277	0.000533	17.8	0.00256	0.0208	0.000138	0.000181	0.000106	0.122	0.00000331	0.00034	0.000327	0.00134	0.0000235
2054 Aug	0.0309	0.00000563	2.2	3.36	0.0277	0.000534	17.8	0.00256	0.0208	0.000138	0.000181	0.000106	0.122	0.00000331	0.000341	0.000328	0.00134	0.0000235
2054 Sep	0.0309	0.00000563	2.2	3.37	0.0277	0.000534	17.8	0.00256	0.0208	0.000138	0.000181	0.000107	0.122	0.00000331	0.000341	0.000328	0.00134	0.0000235
2054 Oct	0.0309	0.00000563	2.2	3.37	0.0277	0.000535	17.8	0.00257	0.0208	0.000138	0.000181	0.000107	0.123	0.00000331	0.000342	0.000328	0.00134	0.0000235
2054 Nov	0.031	0.00000563	2.2	3.37	0.0278	0.000535	17.8	0.00257	0.0208	0.000138	0.000181	0.000107	0.123	0.00000331	0.000342	0.000328	0.00134	0.0000235
2054 Dec	0.031	0.00000563	2.2	3.37	0.0278	0.000535	17.8	0.00257	0.0208	0.000138	0.000181	0.000107	0.123	0.00000331	0.000342	0.000328	0.00134	0.0000235
2055 Jan	0.031	0.00000564	2.2	3.37	0.0278	0.000535	17.8	0.00257	0.0208	0.000138	0.000181	0.000107	0.123	0.00000331	0.000342	0.000328	0.00134	0.0000235
2055 Feb	0.031	0.00000564	2.2	3.37	0.0278	0.000535	17.8	0.00257	0.0208	0.000138	0.000181	0.000107	0.123	0.00000331	0.000342	0.000328	0.00134	0.0000235
2055 Mar	0.031	0.00000564	2.2	3.37	0.0278	0.000535	17.8	0.00257	0.0208	0.000138	0.000181	0.000107	0.123	0.00000331	0.000342	0.000328	0.00134	0.0000235
2055 Apr	0.031	0.00000564	2.2	3.37	0.0278	0.000535	17.8	0.00257	0.0208	0.000138	0.000181	0.000107	0.123	0.00000331	0.000342	0.000328	0.00134	0.0000235
2055 May	0.031	0.00000564	2.2	3.37	0.0278	0.000535	17.8	0.00257	0.0208	0.000138	0.000182	0.000107	0.123	0.00000331	0.000342	0.000328	0.00134	0.0000235
2055 Jun	0.0311	0.00000568	2.2	3.38	0.0279	0.000536	17.8	0.00258	0.021	0.000139	0.000183	0.000107	0.123	0.0000033	0.000342	0.00033	0.00134	0.0000233
2055 Jul	0.0312	0.0000057	2.21	3.38	0.0279	0.000537	17.7	0.00258	0.021	0.000139	0.000183	0.000107	0.123	0.00000329	0.000343	0.000331	0.00134	0.0000233
2055 Aug	0.0312	0.00000571	2.21	3.39	0.028	0.000538	17.8	0.00259	0.0211	0.000139	0.000183	0.000107	0.123	0.0000033	0.000344	0.000332	0.00135	0.0000233
2055 Sep	0.0312	0.00000571	2.21	3.39	0.028	0.000539	17.8	0.00259	0.0211	0.000139	0.000184	0.000107	0.123	0.0000033	0.000344	0.000332	0.00135	0.0000233
2055 Oct	0.0312	0.00000571	2.21	3.39	0.028	0.000539	17.8	0.00259	0.0211	0.000139	0.000184	0.000107	0.123	0.0000033	0.000345	0.000332	0.00135	0.0000233
2055 Nov	0.0312	0.00000571	2.21	3.39	0.028	0.000539	17.8	0.00259	0.0211	0.000139	0.000184	0.000107	0.123	0.0000033	0.000345	0.000332	0.00135	0.0000233
2055 Dec	0.0312	0.00000571	2.21	3.39	0.028	0.000539	17.8	0.00259	0.0211	0.000139	0.000184	0.000107	0.123	0.0000033	0.000345	0.000332	0.00135	0.0000233
2056 Jan	0.0312	0.00000571	2.21	3.39	0.028	0.000539	17.8	0.00259	0.0211	0.000139	0.000184	0.000107	0.123	0.0000033	0.000345	0.000332	0.00135	0.0000233
2056 Feb	0.0312	0.00000571	2.21	3.39	0.028	0.000539	17.8	0.00259	0.0211	0.000139	0.000184	0.000107	0.123	0.0000033	0.000345	0.000332	0.00135	0.0000233
2056 Mar	0.0312	0.00000571	2.21	3.39	0.028	0.000539	17.8	0.00259	0.0211	0.000139	0.000184	0.000107	0.123	0.0000033	0.000345	0.000332	0.00135	0.0000233
2056 Apr	0.0312	0.00000571	2.21	3.39	0.028	0.000539	17.8	0.00259	0.0211	0.000139	0.000184	0.000107	0.123	0.0000033	0.000345	0.000332	0.00135	0.0000233
2056 May	0.0313	0.00000572	2.21	3.39	0.028	0.00054	17.8	0.00259	0.0211	0.00014	0.000184	0.000107	0.123	0.0000033	0.000345	0.000333	0.00135	0.0000233
2056 Jun	0.0314	0.00000575	2.21	3.4	0.0282	0.00054	17.7	0.0026	0.0212	0.000141	0.000185	0.000107	0.124	0.00000329	0.000345	0.000335	0.00135	0.0000231
2056 Jul	0.0315	0.00000576	2.22	3.4	0.0283	0.000541	17.7	0.0026	0.0213	0.000141	0.000185	0.000107	0.124	0.00000329	0.000346	0.000336	0.00135	0.0000231
2056 Aug	0.0315	0.00000576	2.22	3.41	0.0283	0.000542	17.8	0.00261	0.0213	0.000142	0.000185	0.000108	0.124	0.0000033	0.000346	0.000336	0.00135	0.0000232
2056 Sep	0.0315	0.00000577	2.22	3.41	0.0283	0.000542	17.8	0.00261	0.0213	0.000142	0.000185	0.000108	0.124	0.0000033	0.000347	0.000336	0.00135	0.0000232

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0315	0.00000577	2.22	3.41	0.0283	0.000543	17.8	0.00261	0.0213	0.000142	0.000185	0.000108	0.124	0.0000033	0.000347	0.000336	0.00135	0.0000232
2056 Nov	0.0315	0.00000577	2.22	3.41	0.0283	0.000543	17.8	0.00261	0.0213	0.000142	0.000185	0.000108	0.124	0.0000033	0.000347	0.000336	0.00135	0.0000232
2056 Dec	0.0315	0.00000577	2.22	3.41	0.0283	0.000543	17.8	0.00261	0.0213	0.000142	0.000185	0.000108	0.124	0.0000033	0.000347	0.000336	0.00135	0.0000232
2057 Jan	0.0315	0.00000577	2.22	3.41	0.0283	0.000543	17.8	0.00261	0.0213	0.000142	0.000185	0.000108	0.124	0.0000033	0.000347	0.000336	0.00135	0.0000232
2057 Feb	0.0315	0.00000577	2.22	3.41	0.0283	0.000543	17.8	0.00261	0.0213	0.000142	0.000185	0.000108	0.124	0.0000033	0.000347	0.000336	0.00135	0.0000232
2057 Mar	0.0315	0.00000577	2.22	3.41	0.0283	0.000543	17.8	0.00261	0.0213	0.000142	0.000185	0.000108	0.124	0.0000033	0.000347	0.000336	0.00135	0.0000232
2057 Apr	0.0315	0.00000577	2.23	3.41	0.0283	0.000543	17.8	0.00261	0.0213	0.000142	0.000185	0.000108	0.124	0.0000033	0.000347	0.000336	0.00135	0.0000232
2057 May	0.0316	0.00000577	2.23	3.41	0.0283	0.000543	17.8	0.00261	0.0213	0.000142	0.000186	0.000108	0.124	0.0000033	0.000348	0.000337	0.00135	0.0000232
2057 Jun	0.0318	0.00000581	2.23	3.42	0.0286	0.000544	17.7	0.00262	0.0215	0.000144	0.000186	0.000108	0.125	0.00000329	0.000348	0.00034	0.00136	0.000023
2057 Jul	0.0319	0.00000582	2.23	3.43	0.0287	0.000545	17.7	0.00263	0.0215	0.000144	0.000187	0.000108	0.125	0.00000329	0.000349	0.000341	0.00136	0.000023
2057 Aug	0.0319	0.00000583	2.24	3.43	0.0287	0.000546	17.8	0.00263	0.0215	0.000145	0.000187	0.000108	0.125	0.0000033	0.00035	0.000342	0.00136	0.0000231
2057 Sep	0.032	0.00000584	2.24	3.44	0.0288	0.000547	17.8	0.00263	0.0215	0.000145	0.000187	0.000109	0.125	0.0000033	0.00035	0.000342	0.00136	0.0000231
2057 Oct	0.032	0.00000584	2.24	3.44	0.0288	0.000547	17.8	0.00264	0.0215	0.000145	0.000187	0.000109	0.125	0.0000033	0.00035	0.000342	0.00136	0.0000231
2057 Nov	0.032	0.00000584	2.24	3.44	0.0288	0.000547	17.8	0.00264	0.0215	0.000145	0.000187	0.000109	0.125	0.0000033	0.00035	0.000342	0.00136	0.0000231
2057 Dec	0.032	0.00000584	2.24	3.44	0.0288	0.000547	17.8	0.00264	0.0215	0.000145	0.000187	0.000109	0.125	0.0000033	0.00035	0.000342	0.00136	0.0000231
2058 Jan	0.032	0.00000584	2.24	3.44	0.0288	0.000547	17.8	0.00264	0.0215	0.000145	0.000187	0.000109	0.125	0.0000033	0.00035	0.000342	0.00136	0.0000231
2058 Feb	0.032	0.00000584	2.24	3.44	0.0288	0.000547	17.8	0.00264	0.0215	0.000145	0.000187	0.000109	0.125	0.0000033	0.00035	0.000342	0.00136	0.0000231
2058 Mar	0.032	0.00000584	2.24	3.44	0.0288	0.000547	17.8	0.00264	0.0215	0.000145	0.000187	0.000109	0.125	0.0000033	0.00035	0.000342	0.00136	0.0000231
2058 Apr	0.032	0.00000584	2.24	3.44	0.0288	0.000547	17.8	0.00264	0.0216	0.000145	0.000187	0.000109	0.125	0.0000033	0.00035	0.000342	0.00136	0.0000231
2058 May	0.0321	0.00000586	2.24	3.45	0.0289	0.000549	17.8	0.00264	0.0216	0.000146	0.000188	0.000109	0.125	0.0000033	0.000351	0.000343	0.00136	0.000023
2058 Jun	0.0325	0.00000592	2.25	3.48	0.0294	0.000552	17.7	0.00267	0.0218	0.00015	0.00019	0.000109	0.126	0.00000328	0.000353	0.00035	0.00137	0.0000228
2058 Jul	0.0325	0.00000593	2.26	3.48	0.0295	0.000553	17.7	0.00268	0.0219	0.00015	0.00019	0.00011	0.127	0.00000328	0.000354	0.00035	0.00137	0.0000228
2058 Aug	0.0326	0.00000594	2.26	3.49	0.0296	0.000554	17.7	0.00268	0.0219	0.00015	0.000191	0.00011	0.127	0.00000329	0.000355	0.000351	0.00137	0.0000228
2058 Sep	0.0326	0.00000594	2.26	3.49	0.0296	0.000555	17.7	0.00268	0.0219	0.00015	0.000191	0.00011	0.127	0.00000329	0.000355	0.000351	0.00137	0.0000228
2058 Oct	0.0326	0.00000594	2.26	3.49	0.0296	0.000555	17.7	0.00269	0.0219	0.00015	0.000191	0.00011	0.127	0.00000329	0.000355	0.000351	0.00137	0.0000228
2058 Nov	0.0326	0.00000594	2.26	3.49	0.0296	0.000555	17.7	0.00269	0.0219	0.00015	0.000191	0.00011	0.127	0.00000329	0.000355	0.000351	0.00137	0.0000228
2058 Dec	0.0326	0.00000594	2.26	3.49	0.0296	0.000555	17.7	0.00269	0.0219	0.00015	0.000191	0.00011	0.127	0.00000329	0.000355	0.000351	0.00137	0.0000228
2059 Jan	0.0326	0.00000594	2.26	3.49	0.0296	0.000555	17.7	0.00269	0.0219	0.00015	0.000191	0.00011	0.127	0.00000329	0.000355	0.000351	0.00137	0.0000228
2059 Feb	0.0326	0.00000594	2.26	3.49	0.0296	0.000555	17.7	0.00269	0.0219	0.00015	0.000191	0.00011	0.127	0.00000329	0.000355	0.000351	0.00137	0.0000228
2059 Mar	0.0326	0.00000594	2.26	3.49	0.0296	0.000555	17.7	0.00269	0.0219	0.00015	0.000191	0.00011	0.127	0.00000329	0.000355	0.000351	0.00137	0.0000228
2059 Apr	0.0326	0.00000594	2.26	3.49	0.0296	0.000555	17.7	0.00269	0.0219	0.00015	0.000191	0.00011	0.127	0.00000329	0.000355	0.000351	0.00137	0.0000228
2059 May	0.0326	0.00000595	2.27	3.5	0.0296	0.000555	17.7	0.00269	0.0219	0.000151	0.000191	0.00011	0.127	0.00000329	0.000356	0.000351	0.00137	0.0000228
2059 Jun	0.0329	0.00000597	2.27	3.51	0.0299	0.000557	17.7	0.0027	0.022	0.000153	0.000192	0.00011	0.128	0.00000328	0.000357	0.000354	0.00137	0.0000227
2059 Jul	0.0329	0.00000599	2.28	3.52	0.03	0.000559	17.7	0.00271	0.0221	0.000153	0.000192	0.000111	0.128	0.00000329	0.000358	0.000355	0.00137	0.0000228
2059 Aug	0.033	0.000006	2.28	3.53	0.03	0.00056	17.8	0.00271	0.0221	0.000153	0.000193	0.000111	0.128	0.0000033	0.000358	0.000356	0.00138	0.0000228
2059 Sep	0.033	0.000006	2.28	3.53	0.03	0.00056	17.8	0.00271	0.0221	0.000153	0.000193	0.000111	0.128	0.0000033	0.000359	0.000356	0.00138	0.0000228
2059 Oct	0.033	0.000006	2.28	3.53	0.0301	0.000561	17.7	0.00272	0.0221	0.000153	0.000193	0.000111	0.128	0.00000329	0.000359	0.000356	0.00138	0.0000228
2059 Nov	0.033	0.000006	2.28	3.53	0.0301	0.000561	17.7	0.00272	0.0221	0.000154	0.000193	0.000111	0.128	0.00000329	0.000359	0.000356	0.00138	0.0000228
2059 Dec	0.033	0.000006	2.28	3.53	0.0301	0.000561	17.7	0.00272	0.0221	0.000154	0.000193	0.000111	0.128	0.00000329	0.000359	0.000356	0.00138	0.0000228
2060 Jan	0.033	0.000006	2.28	3.53	0.0301	0.000561	17.7	0.00272	0.0221	0.000154	0.000193	0.000111	0.128	0.00000329	0.000359	0.000356	0.00138	0.0000228
2060 Feb	0.033	0.000006	2.28	3.53	0.0301	0.000561	17.7	0.00272	0.0221	0.000154	0.000193	0.000111	0.128	0.00000329	0.000359	0.000356	0.00138	0.0000228
2060 Mar	0.033	0.000006	2.28	3.53	0.0301	0.000561	17.7	0.00272	0.0221	0.000154	0.000193	0.000111	0.128	0.00000329	0.000359	0.000356	0.00138	0.0000228
2060 Apr	0.033	0.00000601	2.28	3.53	0.0301	0.000561	17.7	0.00272	0.0221	0.000154	0.000193	0.000111	0.128	0.00000329	0.000359	0.000357	0.00138	0.0000228
2060 May	0.0331	0.00000602	2.29	3.54	0.0302	0.000562	17.7	0.00272	0.0222	0.000154	0.000193	0.000111	0.129	0.00000329	0.00036	0.000358	0.00138	0.0000227
2060 Jun	0.0334	0.00000605	2.29	3.55	0.0305	0.000564	17.7	0.00274	0.0223	0.000157	0.000194	0.000111	0.129	0.00000328	0.000361	0.000361	0.00138	0.0000226
2060 Jul	0.0335	0.00000606	2.3	3.56	0.0306	0.000565	17.7	0.00274	0.0224	0.000157	0.000195	0.000112	0.129	0.00000329	0.000362	0.000362	0.00138	0.0000226
2060 Aug	0.0335	0.00000607	2.3	3.57	0.0306	0.000566	17.7	0.00275	0.0224	0.000158	0.000195	0.000112	0.13	0.00000329	0.000362	0.000362	0.00138	0.0000227
2060 Sep	0.0335	0.00000608	2.3	3.57	0.0307	0.000567	17.7	0.00275	0.0224	0.000158	0.000195	0.000112	0.13	0.00000329	0.000363	0.000363	0.00138	0.0000226
2060 Oct	0.0336	0.00000608	2.3	3.57	0.0307	0.000567	17.7	0.00275	0.0224	0.000158	0.000195	0.000112	0.13	0.00000329	0.000363	0.000363	0.00138	0.0000226
2060 Nov	0.0336	0.00000608	2.3	3.57	0.0307	0.000567	17.7	0.00275	0.0224	0.000158	0.000195	0.000112	0.13	0.00000329	0.000363	0.000363	0.00138	0.0000226
2060 Dec	0.0336	0.00000608	2.3	3.57	0.0307	0.000567	17.7	0.00275	0.0224	0.000158	0.000195	0.000112	0.13	0.00000329	0.000363	0.000363	0.00138	0.0000226
2061 Jan	0.0336	0.00000608	2.3	3.57	0.0307	0.000567	17.7	0.00275	0.0224	0.000158	0.000195	0.000112	0.13	0.00000329	0.000363	0.000363	0.00138	0.0000226
2061 Feb	0.0336	0.00000608	2.3	3.57	0.0307	0.000567	17.7	0.00275	0.0224	0.000158	0.000195	0.000112	0.13	0.00000329	0.000363	0.000363	0.00138	0.0000226
2061 Mar	0.0336	0.00000608	2.3	3.57	0.0307	0.000567	17.7	0.00275	0.0224	0.000158	0.000195	0.000112	0.13	0.00000329	0.000363	0.000363	0.00138	0.0000226
2061 Apr	0.0336	0.00000608	2.3	3.57	0.0307	0.000567	17.7	0.00275	0.0224	0.000158	0.000195	0.000112	0.13	0.00000329	0.000363	0.000363	0.00138	0.0000226
2061 May	0.0337	0.0000061	2.3	3.58	0.0308	0.000568	17.7	0.00276	0.0225	0.000159	0.000196	0.000112	0.13	0.00000328	0.000364	0.000365	0.00138	0.0000225
2061 Jun	0.0339	0.00000613	2.31	3.59	0.0312	0.00057	17.6	0.00277	0.0226	0.000162	0.000196	0.000112	0.13	0.00000327	0.000364	0.000368	0.00138	0.0000223
2061 Jul	0.034	0.00000614	2.31	3.6	0.0312	0.000571	17.6	0.00278	0.0227	0.000162	0.000197	0.000113	0.131	0.00000328	0.000365	0.000369	0.00139	0.0000224
2061 Aug	0.0341	0.00000615	2.32	3.61	0.0313	0.000572	17.7	0.00278	0.0227	0.000162	0.000197	0.000113	0.131	0.00000328	0.000366	0.00037	0.00139	0.0000224
2061 Sep	0.0341	0.00000616	2.32	3.61	0.0313	0.000573	17.7	0.00278	0.0227	0.000162	0.000197	0.000113	0.131	0.00000328	0.000367	0.00037	0.00139	0.0000224
2061 Oct	0.0341	0.00000616	2.32	3.61	0.0313	0.000573	17.7	0.00278	0.0227	0.000162	0.000197	0.000113	0.131	0.00000328	0.000367	0.00037	0.00139	0.0000224
2061 Nov	0.0341	0.00000616	2.32	3.61	0.0313	0.000573	17.7	0.00279	0.0227	0.000163	0.000198	0.000113	0.131	0.00000328	0.000367	0.00037	0.00139	0.0000224
2061 Dec	0.0341	0.00000616	2.32	3.61	0.0313	0.000573	17.7	0.00279	0.0227	0.000163	0.000198	0.000113	0.131	0.00000328	0.000367	0.00037	0.00139	0.0000224
2062 Jan	0.0341	0.00000616	2.32	3.61	0.0313	0.000573	17.7	0.00279	0.0227	0.000163	0.000198	0.000113	0.131	0.00000328	0.000367	0.00037	0.00139	0.0000224
2062 Feb	0.0341	0.00000616	2.32	3.61	0.0313	0.000574	17.7	0.00279	0.0227	0.000163	0.000198	0.000113	0.131	0.00000328	0.000367	0.00037	0.00139	0.0000224
2062 Mar	0.0341	0.00000616	2.32	3.61	0.0313	0.000574	17.7	0.00279	0.0227	0.000163	0.000198	0.000113	0.131	0.00000328	0.000367	0.00037	0.00139	0.0000224
2062 Apr	0.0341	0.00000616	2.32	3.61	0.0313	0.000574	17.7	0.00279	0.0227	0.000163	0.000198	0.000113	0.131	0.00000328	0.000367	0.00037	0.00139	0.0000224
2062 May	0.0341	0.00000616	2.32	3.61	0.0313	0.000574	17.7	0.00279	0.0227	0.000163	0.000198	0.000113	0.131	0.00000328	0.000367	0.00037	0.00139	0.0000224
2062 Jun	0.0342	0.00000619	2.32	3.62	0.0315	0.000575	17.6	0.00279	0.0228	0.000164	0.000198	0.000113	0.131	0.00000327	0.000368	0.000372	0.00139	0.0000222
2062 Jul	0.0343	0.00000621	2.32	3.62	0.0315	0.000576	17.6	0.0028	0.0229	0.000164	0.000199	0.000113	0.132	0.00000327	0.000368	0.000373	0.00139	0.0000222
2062 Aug	0.0343	0.00000622	2.33	3.63	0.0316	0.000577	17.6	0.0028	0.0229	0.000164	0.000199	0.000113	0.132	0.00000327	0.000369	0.000374	0.00139	0.0000222
2062 Sep	0.0343	0.00000622	2.33	3.63	0.0316	0.000577	17.6	0.00281	0.0229	0.000164	0.000199	0.000113	0.132	0.00000327	0.000369	0.000374	0.00139	0.0000222
2062 Oct	0.0343	0.00000623	2.32	3.62	0.0315	0.000577	17.5	0.00281	0.023	0.000164	0.000199	0.000113	0.132	0.00000325	0.000369	0.000373	0.00139	0.000022
2062 Nov	0.0343	0.00000623	2.32	3.62	0.0315	0.000577	17.5	0.00281	0.023	0.000164	0.000199	0.000113	0.132	0.00000325	0.000369	0.000373	0.00139	0.000022
2062 Dec	0.0343	0.00000623	2.32	3.62	0.0315	0.000577	17.5	0.00281	0.023	0.000164	0.000199	0.000113	0.132	0.00000325	0.000369	0.000373	0.00139	0.000022
2063 Jan	0.0343	0.00000623	2.32	3.62	0.0315	0.000577	17.5	0.00281	0.023	0.000164	0.000199	0.000113	0.132	0.00000325	0.000369	0.000373	0.00139	0.000022
2063 Feb	0.0343	0.00000623	2.32	3.62	0.0315	0.000577	17.5	0.00281	0.023	0.000164	0.000199	0.000113	0.132	0.00000325	0.000369	0.000373	0.00139	0.000022

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0343	0.00000623	2.32	3.62	0.0315	0.000577	17.5	0.00281	0.023	0.000164	0.000199	0.000113	0.132	0.00000325	0.000369	0.000373	0.00139	0.000022
2063 Apr	0.0343	0.00000623	2.32	3.62	0.0315	0.000577	17.5	0.00281	0.023	0.000164	0.000199	0.000113	0.132	0.00000325	0.000369	0.000373	0.00139	0.000022
2063 May	0.0343	0.00000624	2.32	3.63	0.0315	0.000578	17.5	0.00281	0.023	0.000164	0.000199	0.000113	0.132	0.00000325	0.000369	0.000374	0.00139	0.000022
2063 Jun	0.0346	0.00000627	2.32	3.62	0.0318	0.000576	17.3	0.0028	0.0232	0.000166	0.000199	0.000113	0.132	0.00000323	0.000368	0.000377	0.00139	0.0000217
2063 Jul	0.0347	0.00000627	2.32	3.63	0.0318	0.000577	17.3	0.00281	0.0232	0.000167	0.0002	0.000113	0.132	0.00000323	0.000369	0.000377	0.00139	0.0000217
2063 Aug	0.0347	0.00000628	2.32	3.63	0.0319	0.000578	17.4	0.00281	0.0232	0.000167	0.0002	0.000113	0.132	0.00000323	0.000369	0.000378	0.00139	0.0000217
2063 Sep	0.0347	0.00000629	2.33	3.63	0.0319	0.000579	17.4	0.00281	0.0233	0.000167	0.0002	0.000113	0.132	0.00000324	0.00037	0.000378	0.00139	0.0000217
2063 Oct	0.0347	0.00000629	2.33	3.63	0.0319	0.000579	17.4	0.00281	0.0232	0.000167	0.0002	0.000113	0.132	0.00000323	0.00037	0.000378	0.00139	0.0000217
2063 Nov	0.0347	0.00000629	2.33	3.64	0.0319	0.000579	17.4	0.00281	0.0232	0.000167	0.0002	0.000113	0.132	0.00000323	0.00037	0.000378	0.00139	0.0000217
2063 Dec	0.0347	0.00000629	2.33	3.64	0.0319	0.000579	17.4	0.00281	0.0233	0.000167	0.0002	0.000113	0.132	0.00000323	0.00037	0.000378	0.00139	0.0000217
2064 Jan	0.0347	0.00000629	2.33	3.64	0.0319	0.000579	17.4	0.00281	0.0233	0.000167	0.0002	0.000113	0.132	0.00000323	0.00037	0.000378	0.00139	0.0000217
2064 Feb	0.0347	0.00000629	2.33	3.64	0.0319	0.000579	17.4	0.00281	0.0233	0.000167	0.0002	0.000113	0.132	0.00000323	0.00037	0.000378	0.00139	0.0000217
2064 Mar	0.0347	0.00000629	2.33	3.64	0.0319	0.000579	17.4	0.00281	0.0233	0.000167	0.0002	0.000113	0.132	0.00000323	0.00037	0.000378	0.00139	0.0000217
2064 Apr	0.0347	0.00000629	2.33	3.64	0.0319	0.000579	17.4	0.00281	0.0233	0.000167	0.0002	0.000113	0.132	0.00000323	0.00037	0.000378	0.00139	0.0000217
2064 May	0.0348	0.0000063	2.33	3.64	0.032	0.00058	17.3	0.00282	0.0233	0.000168	0.000201	0.000114	0.132	0.00000323	0.000371	0.00038	0.00139	0.0000217
2064 Jun	0.0351	0.00000634	2.33	3.65	0.0324	0.000581	17.2	0.00283	0.0235	0.000171	0.000201	0.000114	0.133	0.00000322	0.000371	0.000384	0.00139	0.0000215
2064 Jul	0.0352	0.00000635	2.33	3.66	0.0324	0.000582	17.3	0.00283	0.0235	0.000171	0.000202	0.000114	0.133	0.00000322	0.000372	0.000384	0.0014	0.0000215
2064 Aug	0.0352	0.00000635	2.34	3.66	0.0324	0.000583	17.3	0.00284	0.0235	0.000171	0.000202	0.000114	0.133	0.00000322	0.000372	0.000384	0.0014	0.0000215
2064 Sep	0.0352	0.00000635	2.34	3.67	0.0325	0.000583	17.3	0.00284	0.0235	0.000171	0.000202	0.000114	0.133	0.00000322	0.000373	0.000385	0.0014	0.0000215
2064 Oct	0.0352	0.00000636	2.34	3.67	0.0325	0.000584	17.3	0.00284	0.0235	0.000171	0.000202	0.000114	0.133	0.00000322	0.000373	0.000385	0.0014	0.0000215
2064 Nov	0.0352	0.00000636	2.34	3.67	0.0325	0.000584	17.3	0.00284	0.0235	0.000171	0.000202	0.000114	0.133	0.00000322	0.000373	0.000385	0.0014	0.0000215
2064 Dec	0.0352	0.00000636	2.34	3.67	0.0325	0.000584	17.3	0.00284	0.0235	0.000171	0.000202	0.000114	0.133	0.00000322	0.000373	0.000385	0.0014	0.0000215
2065 Jan	0.0352	0.00000636	2.34	3.67	0.0325	0.000584	17.3	0.00284	0.0235	0.000171	0.000202	0.000114	0.133	0.00000322	0.000373	0.000385	0.0014	0.0000215
2065 Feb	0.0352	0.00000636	2.34	3.67	0.0325	0.000584	17.3	0.00284	0.0235	0.000171	0.000202	0.000114	0.133	0.00000322	0.000373	0.000385	0.0014	0.0000215
2065 Mar	0.0352	0.00000636	2.34	3.67	0.0325	0.000584	17.3	0.00284	0.0235	0.000171	0.000202	0.000114	0.133	0.00000322	0.000373	0.000385	0.0014	0.0000215
2065 Apr	0.0352	0.00000636	2.34	3.67	0.0325	0.000584	17.3	0.00284	0.0235	0.000171	0.000202	0.000114	0.133	0.00000322	0.000373	0.000385	0.0014	0.0000215
2065 May	0.0353	0.00000637	2.34	3.67	0.0326	0.000585	17.3	0.00285	0.0236	0.000172	0.000203	0.000114	0.133	0.00000322	0.000374	0.000386	0.0014	0.0000215
2065 Jun	0.0355	0.00000639	2.35	3.69	0.0328	0.000586	17.2	0.00286	0.0237	0.000174	0.000203	0.000115	0.134	0.00000321	0.000375	0.000389	0.0014	0.0000213
2065 Jul	0.0356	0.00000641	2.35	3.7	0.0329	0.000588	17.2	0.00287	0.0237	0.000174	0.000204	0.000115	0.134	0.00000322	0.000376	0.00039	0.0014	0.0000214
2065 Aug	0.0356	0.00000642	2.36	3.7	0.033	0.000589	17.3	0.00287	0.0237	0.000175	0.000204	0.000115	0.134	0.00000322	0.000377	0.00039	0.0014	0.0000214
2065 Sep	0.0356	0.00000642	2.36	3.7	0.033	0.00059	17.3	0.00288	0.0237	0.000175	0.000204	0.000115	0.135	0.00000322	0.000377	0.00039	0.0014	0.0000214
2065 Oct	0.0356	0.00000643	2.36	3.71	0.033	0.000591	17.2	0.00288	0.0238	0.000175	0.000205	0.000115	0.135	0.00000321	0.000378	0.000391	0.0014	0.0000213
2065 Nov	0.0357	0.00000644	2.36	3.71	0.033	0.000591	17.2	0.00288	0.0238	0.000175	0.000205	0.000115	0.135	0.00000321	0.000378	0.000391	0.0014	0.0000213
2065 Dec	0.0357	0.00000644	2.36	3.71	0.033	0.000591	17.2	0.00288	0.0238	0.000175	0.000205	0.000115	0.135	0.00000321	0.000378	0.000391	0.0014	0.0000213
2066 Jan	0.0357	0.00000644	2.36	3.71	0.033	0.000591	17.2	0.00288	0.0238	0.000175	0.000205	0.000115	0.135	0.00000321	0.000378	0.000391	0.0014	0.0000213
2066 Feb	0.0357	0.00000644	2.36	3.71	0.033	0.000591	17.2	0.00288	0.0238	0.000175	0.000205	0.000115	0.135	0.00000321	0.000378	0.000391	0.0014	0.0000213
2066 Mar	0.0357	0.00000644	2.36	3.71	0.033	0.000591	17.2	0.00288	0.0238	0.000175	0.000205	0.000115	0.135	0.00000321	0.000378	0.000391	0.0014	0.0000213
2066 Apr	0.0357	0.00000644	2.36	3.71	0.033	0.000591	17.2	0.00288	0.0238	0.000175	0.000205	0.000115	0.135	0.00000321	0.000378	0.000391	0.0014	0.0000213
2066 May	0.0357	0.00000644	2.36	3.71	0.0331	0.000591	17.2	0.00288	0.0238	0.000175	0.000205	0.000115	0.135	0.00000321	0.000378	0.000391	0.0014	0.0000213
2066 Jun	0.0358	0.00000647	2.36	3.72	0.0332	0.000592	17.1	0.00289	0.0239	0.000176	0.000205	0.000115	0.135	0.0000032	0.000378	0.000393	0.0014	0.0000211
2066 Jul	0.0359	0.00000649	2.36	3.72	0.0333	0.000594	17.1	0.0029	0.024	0.000176	0.000206	0.000115	0.135	0.0000032	0.000379	0.000394	0.00141	0.0000211
2066 Aug	0.036	0.0000065	2.37	3.73	0.0333	0.000595	17.2	0.0029	0.024	0.000177	0.000206	0.000116	0.135	0.00000321	0.00038	0.000395	0.00141	0.0000211
2066 Sep	0.036	0.00000651	2.37	3.73	0.0333	0.000596	17.2	0.0029	0.024	0.000177	0.000206	0.000116	0.136	0.00000321	0.00038	0.000395	0.00141	0.0000211
2066 Oct	0.036	0.0000065	2.37	3.73	0.0333	0.000596	17.2	0.0029	0.024	0.000177	0.000206	0.000116	0.136	0.00000321	0.000381	0.000395	0.00141	0.0000211
2066 Nov	0.036	0.00000651	2.37	3.73	0.0333	0.000596	17.2	0.00291	0.024	0.000177	0.000206	0.000116	0.136	0.00000321	0.000381	0.000395	0.00141	0.0000211
2066 Dec	0.036	0.00000651	2.37	3.73	0.0333	0.000596	17.2	0.00291	0.024	0.000177	0.000206	0.000116	0.136	0.00000321	0.000381	0.000395	0.00141	0.0000211
2067 Jan	0.036	0.00000651	2.37	3.73	0.0333	0.000596	17.2	0.00291	0.024	0.000177	0.000206	0.000116	0.136	0.00000321	0.000381	0.000395	0.00141	0.0000211
2067 Feb	0.036	0.00000651	2.37	3.73	0.0333	0.000596	17.2	0.00291	0.024	0.000177	0.000206	0.000116	0.136	0.00000321	0.000381	0.000395	0.00141	0.0000211
2067 Mar	0.036	0.00000651	2.37	3.73	0.0333	0.000596	17.2	0.00291	0.024	0.000177	0.000206	0.000116	0.136	0.00000321	0.000381	0.000395	0.00141	0.0000211
2067 Apr	0.036	0.00000651	2.37	3.73	0.0333	0.000596	17.2	0.00291	0.024	0.000177	0.000207	0.000116	0.136	0.00000321	0.000381	0.000395	0.00141	0.0000211
2067 May	0.036	0.00000651	2.37	3.74	0.0334	0.000597	17.2	0.00291	0.0241	0.000177	0.000207	0.000116	0.136	0.00000321	0.000381	0.000395	0.00141	0.0000211
2067 Jun	0.0361	0.00000654	2.37	3.74	0.0335	0.000598	17.1	0.00292	0.0242	0.000178	0.000207	0.000116	0.136	0.0000032	0.000382	0.000397	0.00141	0.000021
2067 Jul	0.0362	0.00000655	2.38	3.75	0.0336	0.000599	17.1	0.00292	0.0242	0.000178	0.000208	0.000116	0.136	0.00000321	0.000383	0.000398	0.00141	0.000021
2067 Aug	0.0362	0.00000656	2.38	3.76	0.0336	0.0006	17.2	0.00293	0.0242	0.000178	0.000208	0.000116	0.136	0.00000321	0.000383	0.000398	0.00141	0.000021
2067 Sep	0.0362	0.00000656	2.38	3.76	0.0336	0.000601	17.2	0.00293	0.0242	0.000178	0.000208	0.000116	0.136	0.00000321	0.000384	0.000398	0.00141	0.0000211
2067 Oct	0.0362	0.00000657	2.38	3.76	0.0336	0.000601	17.2	0.00293	0.0243	0.000178	0.000208	0.000117	0.137	0.00000321	0.000384	0.000398	0.00141	0.000021
2067 Nov	0.0363	0.00000657	2.39	3.76	0.0336	0.000602	17.1	0.00293	0.0243	0.000178	0.000208	0.000117	0.137	0.00000321	0.000384	0.000399	0.00141	0.000021
2067 Dec	0.0363	0.00000657	2.39	3.76	0.0336	0.000602	17.1	0.00293	0.0243	0.000178	0.000208	0.000117	0.137	0.00000321	0.000384	0.000399	0.00141	0.000021
2068 Jan	0.0363	0.00000657	2.39	3.76	0.0336	0.000602	17.1	0.00293	0.0243	0.000178	0.000208	0.000117	0.137	0.00000321	0.000384	0.000399	0.00141	0.000021
2068 Feb	0.0363	0.00000657	2.39	3.76	0.0336	0.000602	17.1	0.00293	0.0243	0.000178	0.000208	0.000117	0.137	0.00000321	0.000384	0.000399	0.00141	0.000021
2068 Mar	0.0363	0.00000657	2.39	3.76	0.0336	0.000602	17.1	0.00293	0.0243	0.000178	0.000209	0.000117	0.137	0.00000321	0.000384	0.000399	0.00141	0.000021
2068 Apr	0.0363	0.00000658	2.39	3.76	0.0337	0.000602	17.2	0.00294	0.0243	0.000178	0.000209	0.000117	0.137	0.00000321	0.000385	0.000399	0.00142	0.000021
2068 May	0.0363	0.00000659	2.39	3.77	0.0337	0.000602	17.1	0.00294	0.0243	0.000179	0.000209	0.000117	0.137	0.00000321	0.000385	0.0004	0.00142	0.000021
2068 Jun	0.0367	0.00000662	2.39	3.78	0.0341	0.000603	17	0.00295	0.0245	0.000182	0.000209	0.000117	0.137	0.00000319	0.000385	0.000404	0.00142	0.0000207
2068 Jul	0.0367	0.00000663	2.39	3.78	0.0342	0.000604	17	0.00295	0.0245	0.000183	0.00021	0.000117	0.137	0.00000319	0.000385	0.000405	0.00142	0.0000207
2068 Aug	0.0368	0.00000664	2.4	3.79	0.0342	0.000605	17.1	0.00296	0.0246	0.000183	0.00021	0.000117	0.138	0.00000319	0.000386	0.000405	0.00142	0.0000208
2068 Sep	0.0368	0.00000664	2.4	3.79	0.0342	0.000606	17.1	0.00296	0.0246	0.000183	0.00021	0.000117	0.138	0.0000032	0.000387	0.000405	0.00142	0.0000208
2068 Oct	0.0368	0.00000665	2.4	3.79	0.0342	0.000606	17.1	0.00296	0.0246	0.000183	0.00021	0.000117	0.138	0.0000032	0.000387	0.000405	0.00142	0.0000208
2068 Nov	0.0368	0.00000665	2.4	3.79	0.0343	0.000606	17.1	0.00296	0.0246	0.000183	0.00021	0.000117	0.138	0.0000032	0.000387	0.000406	0.00142	0.0000208
2068 Dec	0.0368	0.00000665	2.4	3.79	0.0343	0.000606	17.1	0.00296	0.0246	0.000183	0.00021	0.000117	0.138	0.0000032	0.000387	0.000406	0.00142	0.0000208
2069 Jan	0.0368	0.00000665	2.4	3.79	0.0343	0.000606	17.1	0.00296	0.0246	0.000183	0.00021	0.000117	0.138	0.0000032	0.000387	0.000406	0.00142	0.0000208
2069 Feb	0.0368	0.00000665	2.4	3.79	0.0343	0.000606	17.1	0.00296	0.0246	0.000183	0.00021	0.000117	0.138	0.0000032	0.000387	0.000406	0.00142	0.0000208
2069 Mar	0.0368	0.00000665	2.4	3.79	0.0343	0.000606	17.1	0.00296	0.0246	0.000183	0.00021	0.000117	0.138	0.0000032	0.000387	0.000406	0.00142	0.0000208
2069 Apr	0.0368	0.00000665	2.4	3.79	0.0343	0.000606	17.1	0.00296	0.0246	0.000183	0.00021	0.000117	0.138	0.0000032	0.000387	0.000406	0.00142	0.0000208
2069 May	0.0368	0.00000665	2.4	3.8	0.0343	0.000607	17.1	0.00296	0.0246	0.000183	0.000211	0.000117	0.138	0.0000032	0.000387	0.000406	0.00142	0.0000208
2069 Jun	0.037	0.00000668	2.4	3.8	0.0344	0.000607	17	0.00297	0.0247	0.000184	0.000211	0.000118	0.138	0.00000319	0.000388	0.000408	0.00142	0.0000206
2069 Jul	0.0371	0.0000067	2.41	3.81	0.0345	0.000609	17	0.00298	0.0248	0.000185	0.000212	0.000118	0.138	0.00000319	0.000389	0.000409	0.00143	0.0000207

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0371	0.00000671	2.41	3.82	0.0346	0.00061	17	0.00298	0.0248	0.000185	0.000212	0.000118	0.139	0.0000032	0.00039	0.000409	0.00143	0.0000207
2069 Sep	0.0371	0.00000671	2.41	3.82	0.0345	0.00061	17	0.00298	0.0248	0.000185	0.000212	0.000118	0.139	0.00000319	0.00039	0.000409	0.00143	0.0000206
2069 Oct	0.0371	0.00000671	2.41	3.81	0.0345	0.00061	17	0.00298	0.0248	0.000185	0.000212	0.000118	0.138	0.00000319	0.00039	0.000409	0.00143	0.0000206
2069 Nov	0.0371	0.00000671	2.41	3.81	0.0345	0.00061	17	0.00298	0.0248	0.000185	0.000212	0.000118	0.138	0.00000319	0.00039	0.000409	0.00143	0.0000206
2069 Dec	0.0371	0.00000671	2.41	3.81	0.0345	0.00061	17	0.00298	0.0248	0.000185	0.000212	0.000118	0.138	0.00000319	0.00039	0.000409	0.00143	0.0000206
2070 Jan	0.0371	0.00000671	2.41	3.81	0.0345	0.00061	17	0.00298	0.0248	0.000185	0.000212	0.000118	0.138	0.00000319	0.00039	0.000409	0.00143	0.0000206
2070 Feb	0.0371	0.00000671	2.41	3.81	0.0345	0.00061	17	0.00298	0.0248	0.000185	0.000212	0.000118	0.138	0.00000319	0.00039	0.000409	0.00143	0.0000206
2070 Mar	0.0371	0.00000671	2.41	3.81	0.0345	0.00061	17	0.00298	0.0248	0.000185	0.000212	0.000118	0.138	0.00000319	0.00039	0.000409	0.00143	0.0000206
2070 Apr	0.0371	0.00000672	2.41	3.82	0.0345	0.000611	17	0.00298	0.0248	0.000185	0.000212	0.000118	0.138	0.00000319	0.00039	0.000409	0.00143	0.0000206
2070 May	0.0371	0.00000672	2.41	3.82	0.0346	0.000611	17	0.00299	0.0249	0.000185	0.000212	0.000118	0.139	0.00000319	0.00039	0.00041	0.00143	0.0000206
2070 Jun	0.0373	0.00000674	2.41	3.82	0.0347	0.000611	16.9	0.00299	0.025	0.000186	0.000213	0.000118	0.139	0.00000318	0.00039	0.000411	0.00143	0.0000204
2070 Jul	0.0373	0.00000675	2.41	3.83	0.0347	0.000613	17	0.00299	0.025	0.000186	0.000213	0.000118	0.139	0.00000318	0.000391	0.000412	0.00143	0.0000205
2070 Aug	0.0374	0.00000676	2.42	3.83	0.0348	0.000614	17	0.003	0.025	0.000186	0.000213	0.000118	0.139	0.00000319	0.000392	0.000413	0.00143	0.0000205
2070 Sep	0.0374	0.00000677	2.42	3.83	0.0348	0.000614	17	0.003	0.025	0.000187	0.000213	0.000118	0.139	0.00000318	0.000392	0.000413	0.00143	0.0000205
2070 Oct	0.0374	0.00000677	2.42	3.83	0.0348	0.000614	16.9	0.003	0.0251	0.000187	0.000213	0.000118	0.139	0.00000318	0.000392	0.000413	0.00143	0.0000204
2070 Nov	0.0374	0.00000677	2.42	3.84	0.0348	0.000615	16.9	0.003	0.0251	0.000187	0.000214	0.000118	0.139	0.00000318	0.000392	0.000413	0.00143	0.0000204
2070 Dec	0.0374	0.00000677	2.42	3.84	0.0348	0.000615	16.9	0.003	0.0251	0.000187	0.000214	0.000118	0.139	0.00000318	0.000392	0.000413	0.00143	0.0000204
2071 Jan	0.0374	0.00000677	2.42	3.84	0.0348	0.000615	16.9	0.003	0.0251	0.000187	0.000214	0.000118	0.139	0.00000318	0.000392	0.000413	0.00143	0.0000204
2071 Feb	0.0374	0.00000677	2.42	3.84	0.0348	0.000615	16.9	0.003	0.0251	0.000187	0.000214	0.000118	0.139	0.00000318	0.000392	0.000413	0.00143	0.0000204
2071 Mar	0.0374	0.00000677	2.42	3.84	0.0348	0.000615	16.9	0.003	0.0251	0.000187	0.000214	0.000118	0.139	0.00000318	0.000392	0.000413	0.00143	0.0000204
2071 Apr	0.0374	0.00000677	2.42	3.84	0.0349	0.000615	16.9	0.003	0.0251	0.000187	0.000214	0.000118	0.139	0.00000318	0.000392	0.000413	0.00143	0.0000204
2071 May	0.0375	0.00000678	2.42	3.84	0.0349	0.000615	16.9	0.003	0.0251	0.000187	0.000214	0.000118	0.139	0.00000318	0.000393	0.000414	0.00143	0.0000204
2071 Jun	0.0376	0.00000679	2.42	3.84	0.035	0.000615	16.9	0.003	0.0252	0.000189	0.000214	0.000118	0.139	0.00000317	0.000392	0.000415	0.00143	0.0000203
2071 Jul	0.0377	0.0000068	2.42	3.84	0.0351	0.000616	16.9	0.00301	0.0252	0.000189	0.000214	0.000119	0.14	0.00000317	0.000393	0.000416	0.00143	0.0000203
2071 Aug	0.0377	0.00000681	2.43	3.85	0.0352	0.000617	16.9	0.00301	0.0252	0.000189	0.000214	0.000119	0.14	0.00000318	0.000394	0.000417	0.00143	0.0000203
2071 Sep	0.0377	0.00000681	2.43	3.85	0.0351	0.000617	16.9	0.00301	0.0252	0.000189	0.000214	0.000119	0.14	0.00000317	0.000394	0.000416	0.00143	0.0000203
2071 Oct	0.0377	0.00000681	2.43	3.85	0.0352	0.000618	16.9	0.00301	0.0252	0.000189	0.000214	0.000119	0.14	0.00000317	0.000394	0.000417	0.00143	0.0000203
2071 Nov	0.0377	0.00000681	2.43	3.85	0.0352	0.000618	16.9	0.00301	0.0252	0.000189	0.000214	0.000119	0.14	0.00000317	0.000394	0.000417	0.00143	0.0000203
2071 Dec	0.0377	0.00000681	2.43	3.85	0.0352	0.000618	16.9	0.00301	0.0252	0.000189	0.000214	0.000119	0.14	0.00000317	0.000394	0.000417	0.00143	0.0000203
2072 Jan	0.0377	0.00000681	2.43	3.85	0.0352	0.000618	16.9	0.00301	0.0252	0.000189	0.000214	0.000119	0.14	0.00000317	0.000394	0.000417	0.00143	0.0000203
2072 Feb	0.0377	0.00000681	2.43	3.85	0.0352	0.000618	16.9	0.00301	0.0252	0.000189	0.000214	0.000119	0.14	0.00000317	0.000394	0.000417	0.00143	0.0000203
2072 Mar	0.0377	0.00000681	2.43	3.85	0.0352	0.000618	16.9	0.00301	0.0252	0.000189	0.000214	0.000119	0.14	0.00000317	0.000394	0.000417	0.00143	0.0000203
2072 Apr	0.0377	0.00000681	2.43	3.85	0.0352	0.000618	16.9	0.00301	0.0252	0.000189	0.000214	0.000119	0.14	0.00000317	0.000395	0.000417	0.00143	0.0000203
2072 May	0.0377	0.00000682	2.43	3.85	0.0352	0.000618	16.9	0.00302	0.0253	0.000189	0.000215	0.000119	0.14	0.00000317	0.000395	0.000417	0.00143	0.0000203
2072 Jun	0.0378	0.00000683	2.43	3.85	0.0352	0.000618	16.9	0.00302	0.0253	0.00019	0.000215	0.000119	0.14	0.00000317	0.000395	0.000418	0.00143	0.0000202
2072 Jul	0.0379	0.00000685	2.43	3.86	0.0353	0.000619	16.9	0.00302	0.0254	0.00019	0.000215	0.000119	0.14	0.00000317	0.000395	0.000419	0.00143	0.0000202
2072 Aug	0.0379	0.00000686	2.43	3.86	0.0353	0.00062	16.8	0.00303	0.0254	0.00019	0.000215	0.000119	0.14	0.00000317	0.000396	0.000419	0.00144	0.0000201
2072 Sep	0.0379	0.00000686	2.43	3.86	0.0353	0.00062	16.8	0.00303	0.0254	0.00019	0.000216	0.000119	0.14	0.00000317	0.000396	0.000419	0.00144	0.0000201
2072 Oct	0.0379	0.00000687	2.43	3.86	0.0353	0.00062	16.8	0.00302	0.0255	0.00019	0.000215	0.000119	0.14	0.00000316	0.000396	0.000419	0.00143	0.0000201
2072 Nov	0.0379	0.00000687	2.43	3.86	0.0353	0.00062	16.8	0.00302	0.0255	0.00019	0.000215	0.000119	0.14	0.00000316	0.000396	0.000419	0.00143	0.0000201
2072 Dec	0.0379	0.00000687	2.43	3.86	0.0353	0.00062	16.8	0.00302	0.0255	0.00019	0.000215	0.000119	0.14	0.00000316	0.000396	0.000419	0.00143	0.0000201
2073 Jan	0.0379	0.00000687	2.43	3.86	0.0353	0.00062	16.8	0.00302	0.0255	0.00019	0.000215	0.000119	0.14	0.00000316	0.000396	0.000419	0.00143	0.0000201
2073 Feb	0.0379	0.00000687	2.43	3.86	0.0353	0.00062	16.8	0.00302	0.0255	0.00019	0.000215	0.000119	0.14	0.00000316	0.000396	0.000419	0.00143	0.0000201
2073 Mar	0.0379	0.00000687	2.43	3.86	0.0353	0.00062	16.8	0.00303	0.0255	0.00019	0.000215	0.000119	0.14	0.00000316	0.000396	0.000419	0.00143	0.0000201
2073 Apr	0.0379	0.00000687	2.43	3.86	0.0353	0.00062	16.8	0.00303	0.0255	0.00019	0.000215	0.000119	0.14	0.00000316	0.000396	0.000419	0.00143	0.0000201
2073 May	0.038	0.00000688	2.43	3.86	0.0353	0.000621	16.8	0.00303	0.0255	0.00019	0.000216	0.000119	0.14	0.00000316	0.000396	0.000419	0.00144	0.00002
2073 Jun	0.0381	0.0000069	2.43	3.87	0.0355	0.000622	16.7	0.00303	0.0256	0.000191	0.000216	0.000119	0.141	0.00000315	0.000396	0.000421	0.00143	0.0000199
2073 Jul	0.0381	0.00000691	2.44	3.87	0.0355	0.000623	16.7	0.00304	0.0256	0.000192	0.000216	0.000119	0.141	0.00000315	0.000397	0.000421	0.00144	0.0000199
2073 Aug	0.0382	0.00000692	2.44	3.88	0.0356	0.000624	16.8	0.00304	0.0257	0.000192	0.000217	0.000119	0.141	0.00000316	0.000398	0.000422	0.00144	0.0000199
2073 Sep	0.0382	0.00000692	2.44	3.88	0.0356	0.000624	16.8	0.00304	0.0257	0.000192	0.000217	0.000119	0.141	0.00000316	0.000398	0.000422	0.00144	0.0000199
2073 Oct	0.0382	0.00000692	2.44	3.88	0.0356	0.000625	16.7	0.00304	0.0257	0.000192	0.000217	0.000119	0.141	0.00000315	0.000398	0.000422	0.00144	0.0000199
2073 Nov	0.0382	0.00000692	2.44	3.88	0.0356	0.000625	16.7	0.00305	0.0257	0.000192	0.000217	0.000119	0.141	0.00000315	0.000399	0.000422	0.00144	0.0000199
2073 Dec	0.0382	0.00000692	2.44	3.88	0.0356	0.000625	16.7	0.00305	0.0257	0.000192	0.000217	0.000119	0.141	0.00000315	0.000399	0.000422	0.00144	0.0000199
2074 Jan	0.0382	0.00000692	2.44	3.88	0.0356	0.000625	16.7	0.00305	0.0257	0.000192	0.000217	0.000119	0.141	0.00000315	0.000399	0.000422	0.00144	0.0000199
2074 Feb	0.0382	0.00000692	2.44	3.88	0.0356	0.000625	16.7	0.00305	0.0257	0.000192	0.000217	0.000119	0.141	0.00000315	0.000399	0.000422	0.00144	0.0000199
2074 Mar	0.0382	0.00000692	2.44	3.88	0.0356	0.000625	16.7	0.00305	0.0257	0.000192	0.000217	0.000119	0.141	0.00000315	0.000399	0.000422	0.00144	0.0000199
2074 Apr	0.0382	0.00000693	2.44	3.88	0.0356	0.000625	16.7	0.00305	0.0257	0.000192	0.000217	0.000119	0.141	0.00000315	0.000399	0.000422	0.00144	0.0000199
2074 May	0.0384	0.00000695	2.44	3.89	0.0358	0.000626	16.7	0.00305	0.0258	0.000194	0.000217	0.00012	0.141	0.00000315	0.000399	0.000425	0.00144	0.0000198
2074 Jun	0.0387	0.00000697	2.44	3.9	0.0362	0.000626	16.6	0.00306	0.0259	0.000197	0.000218	0.00012	0.142	0.00000313	0.000399	0.000429	0.00144	0.0000196
2074 Jul	0.0388	0.00000698	2.45	3.91	0.0363	0.000627	16.6	0.00307	0.026	0.000198	0.000218	0.00012	0.142	0.00000314	0.0004	0.00043	0.00144	0.0000196
2074 Aug	0.0389	0.000007	2.46	3.92	0.0363	0.000629	16.7	0.00307	0.026	0.000198	0.000219	0.00012	0.142	0.00000315	0.000401	0.00043	0.00144	0.0000197
2074 Sep	0.0389	0.000007	2.46	3.92	0.0363	0.000629	16.7	0.00307	0.026	0.000198	0.000219	0.00012	0.142	0.00000314	0.000401	0.00043	0.00144	0.0000197
2074 Oct	0.0389	0.000007	2.46	3.92	0.0364	0.00063	16.7	0.00307	0.026	0.000198	0.000219	0.00012	0.142	0.00000314	0.000401	0.00043	0.00144	0.0000197
2074 Nov	0.0389	0.000007	2.46	3.92	0.0364	0.00063	16.7	0.00307	0.026	0.000198	0.000219	0.00012	0.142	0.00000314	0.000401	0.000431	0.00144	0.0000197
2074 Dec	0.0389	0.000007	2.46	3.92	0.0364	0.00063	16.7	0.00308	0.026	0.000198	0.000219	0.00012	0.142	0.00000314	0.000401	0.000431	0.00144	0.0000197
2075 Jan	0.0389	0.000007	2.46	3.92	0.0364	0.00063	16.7	0.00308	0.026	0.000198	0.000219	0.00012	0.142	0.00000314	0.000401	0.000431	0.00144	0.0000196
2075 Feb	0.0389	0.000007	2.46	3.92	0.0364	0.00063	16.7	0.00308	0.026	0.000198	0.000219	0.00012	0.142	0.00000314	0.000401	0.000431	0.00144	0.0000196
2075 Mar	0.0389	0.000007	2.46	3.92	0.0364	0.00063	16.7	0.00308	0.026	0.000198	0.000219	0.00012	0.142	0.00000314	0.000401	0.000431	0.00144	0.0000197
2075 Apr	0.0389	0.000007	2.46	3.92	0.0364	0.00063	16.7	0.00308	0.026	0.000198	0.000219	0.00012	0.143	0.00000314	0.000401	0.000431	0.00144	0.0000197
2075 May	0.0389	0.00000701	2.46	3.92	0.0364	0.00063	16.7	0.00308	0.026	0.000198	0.000219	0.000121	0.143	0.00000314	0.000402	0.000431	0.00144	0.0000197
2075 Jun	0.0391	0.00000703	2.46	3.93	0.0366	0.000631	16.6	0.00309	0.0261	0.000199	0.00022	0.000121	0.143	0.00000313	0.000402	0.000433	0.00144	0.0000195
2075 Jul	0.0391	0.00000705	2.46	3.94	0.0366	0.000632	16.6	0.00309	0.0262	0.0002	0.00022	0.000121	0.143	0.00000313	0.000403	0.000434	0.00145	0.0000195
2075 Aug	0.0392	0.00000706	2.47	3.94	0.0367	0.000634	16.6	0.0031	0.0262	0.0002	0.000221	0.000121	0.143	0.00000314	0.000404	0.000435	0.00145	0.0000195
2075 Sep	0.0392	0.00000707	2.47	3.95	0.0367	0.000634	16.6	0.0031	0.0262	0.0002	0.000221	0.000121	0.143	0.00000314	0.000404	0.000435	0.00145	0.0000195
2075 Oct	0.0392	0.00000707	2.47	3.95	0.0367	0.000634	16.6	0.0031	0.0262	0.0002	0.000221	0.000121	0.143	0.00000314	0.000404	0.000435	0.00145	0.0000195
2075 Nov	0.0392	0.00000707	2.47	3.95	0.0367	0.000634	16.6	0.0031	0.0262	0.0002	0.000221	0.000121	0.143	0.00000314	0.000404	0.000435	0.00145	0.0000195
2075 Dec	0.0392	0.00000707	2.47	3.95	0.0367	0.000634	16.6	0.0031	0.0262	0.0002	0.000221	0.000121	0.143	0.00000314	0.000404	0.000435	0.00145	0.0000195

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0392	0.00000707	2.47	3.95	0.0367	0.000634	16.6	0.0031	0.0262	0.0002	0.000221	0.000121	0.143	0.00000314	0.000404	0.000435	0.00145	0.0000195
2076 Feb	0.0392	0.00000707	2.47	3.95	0.0367	0.000634	16.6	0.0031	0.0262	0.0002	0.000221	0.000121	0.143	0.00000314	0.000404	0.000435	0.00145	0.0000195
2076 Mar	0.0392	0.00000707	2.47	3.95	0.0367	0.000634	16.6	0.0031	0.0262	0.0002	0.000221	0.000121	0.143	0.00000314	0.000405	0.000435	0.00145	0.0000195
2076 Apr	0.0392	0.00000707	2.47	3.95	0.0367	0.000635	16.6	0.0031	0.0262	0.0002	0.000221	0.000121	0.143	0.00000314	0.000405	0.000435	0.00145	0.0000195
2076 May	0.0392	0.00000707	2.47	3.95	0.0368	0.000635	16.6	0.00311	0.0263	0.0002	0.000221	0.000121	0.144	0.00000314	0.000405	0.000435	0.00145	0.0000195
2076 Jun	0.0393	0.00000709	2.47	3.95	0.0369	0.000635	16.5	0.00311	0.0263	0.000201	0.000221	0.000121	0.144	0.00000313	0.000405	0.000437	0.00145	0.0000194
2076 Jul	0.0394	0.0000071	2.47	3.96	0.0369	0.000636	16.6	0.00311	0.0264	0.000202	0.000222	0.000121	0.144	0.00000313	0.000405	0.000438	0.00145	0.0000194
2076 Aug	0.0395	0.00000711	2.48	3.96	0.037	0.000637	16.6	0.00312	0.0264	0.000202	0.000222	0.000122	0.144	0.00000314	0.000406	0.000438	0.00145	0.0000194
2076 Sep	0.0395	0.00000712	2.48	3.97	0.037	0.000638	16.6	0.00312	0.0264	0.000202	0.000222	0.000122	0.144	0.00000314	0.000407	0.000439	0.00146	0.0000194
2076 Oct	0.0394	0.00000712	2.48	3.96	0.037	0.000638	16.6	0.00312	0.0264	0.000202	0.000222	0.000122	0.144	0.00000313	0.000407	0.000439	0.00145	0.0000194
2076 Nov	0.0395	0.00000712	2.48	3.97	0.037	0.000638	16.6	0.00312	0.0264	0.000202	0.000222	0.000122	0.144	0.00000313	0.000407	0.000439	0.00145	0.0000194
2076 Dec	0.0395	0.00000712	2.48	3.97	0.037	0.000638	16.6	0.00312	0.0264	0.000202	0.000222	0.000122	0.144	0.00000313	0.000407	0.000439	0.00145	0.0000194
2077 Jan	0.0395	0.00000712	2.48	3.97	0.037	0.000638	16.6	0.00312	0.0264	0.000202	0.000222	0.000122	0.144	0.00000313	0.000407	0.000439	0.00145	0.0000194
2077 Feb	0.0395	0.00000712	2.48	3.97	0.037	0.000638	16.6	0.00312	0.0264	0.000202	0.000222	0.000122	0.144	0.00000313	0.000407	0.000439	0.00145	0.0000194
2077 Mar	0.0395	0.00000712	2.48	3.97	0.037	0.000638	16.6	0.00312	0.0264	0.000202	0.000222	0.000122	0.144	0.00000313	0.000407	0.000439	0.00145	0.0000194
2077 Apr	0.0395	0.00000712	2.48	3.97	0.037	0.000638	16.6	0.00312	0.0264	0.000202	0.000222	0.000122	0.144	0.00000313	0.000407	0.000439	0.00145	0.0000194
2077 May	0.0395	0.00000713	2.48	3.97	0.037	0.000638	16.6	0.00312	0.0265	0.000202	0.000223	0.000122	0.144	0.00000313	0.000407	0.000439	0.00146	0.0000194
2077 Jun	0.0397	0.00000714	2.48	3.97	0.0372	0.000638	16.5	0.00312	0.0266	0.000204	0.000223	0.000122	0.144	0.00000312	0.000407	0.000442	0.00146	0.0000192
2077 Jul	0.0398	0.00000716	2.48	3.98	0.0373	0.000639	16.5	0.00313	0.0266	0.000205	0.000223	0.000122	0.145	0.00000313	0.000408	0.000443	0.00146	0.0000193
2077 Aug	0.0398	0.00000717	2.49	3.99	0.0374	0.000641	16.6	0.00314	0.0267	0.000205	0.000224	0.000122	0.145	0.00000313	0.000409	0.000443	0.00146	0.0000193
2077 Sep	0.0398	0.00000717	2.49	3.99	0.0374	0.000641	16.5	0.00314	0.0266	0.000205	0.000224	0.000122	0.145	0.00000313	0.000409	0.000443	0.00146	0.0000192
2077 Oct	0.0398	0.00000717	2.49	3.99	0.0374	0.000641	16.5	0.00314	0.0267	0.000205	0.000224	0.000122	0.145	0.00000313	0.000409	0.000443	0.00146	0.0000192
2077 Nov	0.0399	0.00000717	2.49	3.99	0.0374	0.000641	16.5	0.00314	0.0267	0.000205	0.000224	0.000122	0.145	0.00000313	0.000409	0.000444	0.00146	0.0000192
2077 Dec	0.0399	0.00000717	2.49	3.99	0.0374	0.000641	16.5	0.00314	0.0267	0.000205	0.000224	0.000122	0.145	0.00000313	0.000409	0.000444	0.00146	0.0000192
2078 Jan	0.0399	0.00000717	2.49	3.99	0.0374	0.000641	16.5	0.00314	0.0267	0.000205	0.000224	0.000122	0.145	0.00000313	0.000409	0.000444	0.00146	0.0000192
2078 Feb	0.0399	0.00000717	2.49	3.99	0.0374	0.000641	16.5	0.00314	0.0267	0.000205	0.000224	0.000122	0.145	0.00000313	0.000409	0.000444	0.00146	0.0000192
2078 Mar	0.0399	0.00000717	2.49	3.99	0.0374	0.000641	16.5	0.00314	0.0267	0.000205	0.000224	0.000122	0.145	0.00000313	0.000409	0.000444	0.00146	0.0000192
2078 Apr	0.0399	0.00000717	2.49	3.99	0.0374	0.000641	16.5	0.00314	0.0267	0.000205	0.000224	0.000122	0.145	0.00000313	0.000409	0.000444	0.00146	0.0000192
2078 May	0.04	0.00000719	2.49	4	0.0376	0.000642	16.5	0.00314	0.0268	0.000207	0.000224	0.000122	0.145	0.00000312	0.000409	0.000446	0.00146	0.0000192
2078 Jun	0.0402	0.0000072	2.49	4	0.0378	0.000642	16.4	0.00314	0.0268	0.000209	0.000224	0.000122	0.145	0.00000311	0.000409	0.000448	0.00146	0.000019
2078 Jul	0.0403	0.00000722	2.5	4.01	0.0379	0.000643	16.5	0.00315	0.0269	0.000209	0.000225	0.000123	0.146	0.00000312	0.00041	0.000449	0.00146	0.0000191
2078 Aug	0.0403	0.00000723	2.5	4.01	0.0379	0.000644	16.5	0.00316	0.0269	0.000209	0.000225	0.000123	0.146	0.00000312	0.000411	0.000449	0.00146	0.0000191
2078 Sep	0.0403	0.00000723	2.5	4.02	0.0379	0.000645	16.5	0.00316	0.0269	0.000209	0.000225	0.000123	0.146	0.00000312	0.000411	0.00045	0.00146	0.0000191
2078 Oct	0.0403	0.00000723	2.5	4.02	0.0379	0.000645	16.5	0.00316	0.0269	0.000209	0.000225	0.000123	0.146	0.00000312	0.000412	0.000449	0.00146	0.0000191
2078 Nov	0.0403	0.00000723	2.5	4.02	0.0379	0.000645	16.5	0.00316	0.0269	0.000209	0.000225	0.000123	0.146	0.00000312	0.000412	0.000449	0.00146	0.0000191
2078 Dec	0.0403	0.00000723	2.5	4.02	0.0379	0.000645	16.5	0.00316	0.0269	0.000209	0.000225	0.000123	0.146	0.00000312	0.000412	0.000449	0.00146	0.0000191
2079 Jan	0.0403	0.00000723	2.5	4.02	0.0379	0.000645	16.5	0.00316	0.0269	0.000209	0.000225	0.000123	0.146	0.00000312	0.000412	0.000449	0.00146	0.0000191
2079 Feb	0.0403	0.00000723	2.5	4.02	0.0379	0.000645	16.5	0.00316	0.0269	0.000209	0.000225	0.000123	0.146	0.00000312	0.000412	0.000449	0.00146	0.0000191
2079 Mar	0.0403	0.00000723	2.5	4.02	0.0379	0.000645	16.5	0.00316	0.0269	0.000209	0.000225	0.000123	0.146	0.00000312	0.000412	0.000449	0.00146	0.0000191
2079 Apr	0.0403	0.00000723	2.5	4.02	0.0379	0.000645	16.5	0.00316	0.0269	0.000209	0.000225	0.000123	0.146	0.00000312	0.000412	0.00045	0.00146	0.0000191
2079 May	0.0404	0.00000724	2.5	4.02	0.038	0.000646	16.5	0.00316	0.0269	0.000209	0.000226	0.000123	0.146	0.00000312	0.000412	0.00045	0.00146	0.0000191
2079 Jun	0.0406	0.00000726	2.5	4.02	0.0382	0.000645	16.4	0.00316	0.0271	0.000212	0.000226	0.000123	0.146	0.00000311	0.000412	0.000453	0.00147	0.0000189
2079 Jul	0.0406	0.00000727	2.51	4.03	0.0382	0.000646	16.4	0.00317	0.0271	0.000212	0.000226	0.000123	0.146	0.00000311	0.000412	0.000453	0.00147	0.0000189
2079 Aug	0.0407	0.00000728	2.51	4.03	0.0383	0.000647	16.4	0.00317	0.0271	0.000212	0.000227	0.000123	0.147	0.00000312	0.000413	0.000454	0.00147	0.0000189
2079 Sep	0.0407	0.00000728	2.51	4.03	0.0383	0.000648	16.4	0.00318	0.0271	0.000212	0.000227	0.000123	0.147	0.00000311	0.000414	0.000454	0.00147	0.0000189
2079 Oct	0.0407	0.00000728	2.51	4.03	0.0383	0.000648	16.4	0.00318	0.0271	0.000212	0.000227	0.000123	0.147	0.00000311	0.000414	0.000454	0.00147	0.0000189
2079 Nov	0.0407	0.00000728	2.51	4.03	0.0383	0.000648	16.4	0.00318	0.0271	0.000212	0.000227	0.000123	0.147	0.00000311	0.000414	0.000454	0.00147	0.0000189
2079 Dec	0.0407	0.00000729	2.51	4.03	0.0383	0.000648	16.4	0.00318	0.0271	0.000212	0.000227	0.000123	0.147	0.00000311	0.000414	0.000454	0.00147	0.0000189
2080 Jan	0.0407	0.00000729	2.51	4.03	0.0383	0.000648	16.4	0.00318	0.0271	0.000212	0.000227	0.000123	0.147	0.00000311	0.000414	0.000454	0.00147	0.0000189
2080 Feb	0.0407	0.00000729	2.51	4.03	0.0383	0.000648	16.4	0.00318	0.0271	0.000212	0.000227	0.000123	0.147	0.00000311	0.000414	0.000454	0.00147	0.0000189
2080 Mar	0.0407	0.00000729	2.51	4.03	0.0383	0.000648	16.4	0.00318	0.0271	0.000212	0.000227	0.000123	0.147	0.00000311	0.000414	0.000454	0.00147	0.0000189
2080 Apr	0.0407	0.00000729	2.51	4.03	0.0383	0.000648	16.4	0.00318	0.0271	0.000212	0.000227	0.000123	0.147	0.00000311	0.000414	0.000454	0.00147	0.0000189
2080 May	0.0407	0.00000729	2.51	4.04	0.0383	0.000648	16.4	0.00318	0.0272	0.000212	0.000227	0.000123	0.147	0.00000311	0.000414	0.000454	0.00147	0.0000189
2080 Jun	0.0407	0.0000073	2.51	4.03	0.0383	0.000648	16.4	0.00318	0.0272	0.000212	0.000227	0.000123	0.147	0.00000311	0.000414	0.000454	0.00147	0.0000188
2080 Jul	0.0407	0.00000731	2.51	4.04	0.0383	0.000649	16.4	0.00318	0.0272	0.000212	0.000228	0.000123	0.147	0.00000311	0.000414	0.000455	0.00147	0.0000188
2080 Aug	0.0408	0.00000732	2.52	4.04	0.0384	0.00065	16.4	0.00319	0.0273	0.000212	0.000228	0.000124	0.147	0.00000311	0.000415	0.000455	0.00147	0.0000188
2080 Sep	0.0407	0.00000732	2.52	4.04	0.0384	0.000651	16.4	0.00319	0.0273	0.000212	0.000228	0.000124	0.147	0.00000311	0.000416	0.000455	0.00147	0.0000188
2080 Oct	0.0407	0.00000733	2.52	4.04	0.0383	0.000651	16.4	0.00319	0.0273	0.000212	0.000228	0.000124	0.147	0.00000311	0.000416	0.000455	0.00147	0.0000188
2080 Nov	0.0407	0.00000733	2.52	4.04	0.0383	0.000651	16.4	0.00319	0.0273	0.000212	0.000228	0.000124	0.147	0.00000311	0.000416	0.000455	0.00147	0.0000188
2080 Dec	0.0407	0.00000733	2.52	4.04	0.0383	0.000651	16.4	0.00319	0.0273	0.000212	0.000228	0.000124	0.147	0.00000311	0.000416	0.000455	0.00147	0.0000188
2081 Jan	0.0407	0.00000733	2.52	4.04	0.0383	0.000651	16.4	0.00319	0.0273	0.000212	0.000228	0.000124	0.147	0.00000311	0.000416	0.000455	0.00147	0.0000188
2081 Feb	0.0407	0.00000733	2.52	4.04	0.0383	0.000651	16.4	0.00319	0.0273	0.000212	0.000228	0.000124	0.147	0.00000311	0.000416	0.000455	0.00147	0.0000188
2081 Mar	0.0407	0.00000733	2.52	4.04	0.0383	0.000651	16.4	0.00319	0.0273	0.000212	0.000228	0.000124	0.147	0.00000311	0.000416	0.000455	0.00147	0.0000188
2081 Apr	0.0407	0.00000733	2.52	4.04	0.0383	0.000651	16.4	0.00319	0.0273	0.000212	0.000228	0.000124	0.147	0.00000311	0.000416	0.000455	0.00147	0.0000188
2081 May	0.0408	0.00000734	2.52	4.04	0.0384	0.000651	16.3	0.00319	0.0273	0.000212	0.000228	0.000124	0.147	0.0000031	0.000416	0.000456	0.00147	0.0000187
2081 Jun	0.0409	0.00000735	2.52	4.04	0.0384	0.000651	16.3	0.00319	0.0274	0.000213	0.000228	0.000124	0.147	0.0000031	0.000416	0.000457	0.00147	0.0000186
2081 Jul	0.0409	0.00000736	2.52	4.05	0.0385	0.000653	16.3	0.0032	0.0274	0.000213	0.000229	0.000124	0.147	0.0000031	0.000417	0.000458	0.00148	0.0000187
2081 Aug	0.041	0.00000738	2.53	4.06	0.0386	0.000654	16.4	0.00321	0.0275	0.000213	0.000229	0.000124	0.148	0.00000311	0.000418	0.000458	0.00148	0.0000187
2081 Sep	0.041	0.00000738	2.53	4.06	0.0386	0.000655	16.4	0.00321	0.0275	0.000213	0.000229	0.000124	0.148	0.00000311	0.000418	0.000458	0.00148	0.0000187
2081 Oct	0.041	0.00000738	2.53	4.06	0.0386	0.000655	16.4	0.00321	0.0275	0.000213	0.000229	0.000124	0.148	0.00000311	0.000419	0.000458	0.00148	0.0000187
2081 Nov	0.041	0.00000738	2.53	4.06	0.0386	0.000655	16.4	0.00321	0.0275	0.000213	0.000229	0.000124	0.148	0.00000311	0.000419	0.000458	0.00148	0.0000187
2081 Dec	0.041	0.00000738	2.53	4.06	0.0386	0.000655	16.4	0.00321	0.0275	0.000213	0.000229	0.000124	0.148	0.00000311	0.000419	0.000458	0.00148	0.0000187
2082 Jan	0.041	0.00000738	2.53	4.06	0.0386	0.000655	16.4	0.00321	0.0275	0.000213	0.000229	0.000124	0.148	0.00000311	0.000419	0.000458	0.00148	0.0000187
2082 Feb	0.041	0.00000738	2.53	4.06	0.0386	0.000655	16.4	0.00321	0.0275	0.000213	0.000229	0.000124	0.148	0.00000311	0.000419	0.000458	0.00148	0.0000187
2082 Mar	0.041	0.00000738	2.53	4.06	0.0386	0.000655	16.4	0.00321	0.0275	0.000213	0.000229	0.000124	0.148	0.00000311	0.000419	0.000458	0.00148	0.0000187
2082 Apr	0.041	0.00000738	2.53	4.06	0.0386	0.000655	16.4	0.00321	0.0275	0.000213	0.000229	0.000124	0.148	0.00000311	0.000419	0.000458	0.00148	0.0000187
2082 May	0.041	0.00000738	2.53	4.07	0.0386	0.000656	16.4	0.00321	0.0275	0.000213	0.00023	0.000124	0.148	0.00000311	0.000419	0.000459	0.00148	0.0000187

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.0411	0.00000741	2.53	4.07	0.0387	0.000656	16.3	0.00321	0.0276	0.000214	0.00023	0.000124	0.148	0.0000031	0.000419	0.00046	0.00148	0.0000186
2082 Jul	0.0411	0.00000743	2.53	4.07	0.0387	0.000656	16.2	0.00322	0.0276	0.000214	0.000231	0.000124	0.148	0.00000309	0.000419	0.000461	0.00148	0.0000185
2082 Aug	0.0412	0.00000744	2.53	4.07	0.0387	0.000657	16.3	0.00322	0.0277	0.000214	0.000231	0.000124	0.148	0.0000031	0.00042	0.000461	0.00148	0.0000185
2082 Sep	0.0412	0.00000744	2.53	4.08	0.0388	0.000658	16.3	0.00322	0.0277	0.000214	0.000231	0.000124	0.148	0.0000031	0.00042	0.000462	0.00148	0.0000185
2082 Oct	0.0412	0.00000744	2.53	4.07	0.0387	0.000658	16.3	0.00322	0.0277	0.000214	0.000231	0.000124	0.148	0.0000031	0.00042	0.000461	0.00148	0.0000185
2082 Nov	0.0412	0.00000744	2.53	4.07	0.0387	0.000658	16.2	0.00322	0.0277	0.000214	0.000231	0.000124	0.148	0.0000031	0.00042	0.000461	0.00148	0.0000185
2082 Dec	0.0412	0.00000744	2.53	4.07	0.0387	0.000658	16.2	0.00322	0.0277	0.000214	0.000231	0.000124	0.148	0.0000031	0.00042	0.000461	0.00148	0.0000185
2083 Jan	0.0412	0.00000744	2.53	4.07	0.0387	0.000658	16.2	0.00322	0.0277	0.000214	0.000231	0.000124	0.148	0.0000031	0.00042	0.000461	0.00148	0.0000185
2083 Feb	0.0412	0.00000744	2.53	4.07	0.0387	0.000658	16.2	0.00322	0.0277	0.000214	0.000231	0.000124	0.148	0.0000031	0.00042	0.000461	0.00148	0.0000185
2083 Mar	0.0412	0.00000744	2.53	4.07	0.0387	0.000658	16.2	0.00322	0.0277	0.000214	0.000231	0.000124	0.148	0.0000031	0.00042	0.000461	0.00148	0.0000185
2083 Apr	0.0412	0.00000744	2.53	4.07	0.0387	0.000658	16.2	0.00322	0.0277	0.000214	0.000231	0.000124	0.148	0.0000031	0.00042	0.000461	0.00148	0.0000185
2083 May	0.0412	0.00000745	2.53	4.08	0.0388	0.000658	16.2	0.00323	0.0277	0.000214	0.000231	0.000124	0.148	0.0000031	0.000421	0.000462	0.00148	0.0000184
2083 Jun	0.0413	0.00000747	2.53	4.08	0.0389	0.000658	16.2	0.00323	0.0278	0.000215	0.000232	0.000124	0.148	0.00000308	0.00042	0.000464	0.00148	0.0000183
2083 Jul	0.0414	0.00000748	2.54	4.08	0.0389	0.000659	16.2	0.00323	0.0279	0.000216	0.000232	0.000125	0.149	0.00000309	0.000421	0.000464	0.00149	0.0000183
2083 Aug	0.0414	0.00000749	2.54	4.09	0.039	0.00066	16.2	0.00324	0.0279	0.000216	0.000232	0.000125	0.149	0.00000309	0.000422	0.000465	0.00149	0.0000183
2083 Sep	0.0415	0.00000749	2.54	4.09	0.039	0.000661	16.2	0.00324	0.0279	0.000216	0.000232	0.000125	0.149	0.00000309	0.000422	0.000465	0.00149	0.0000183
2083 Oct	0.0414	0.00000749	2.54	4.09	0.039	0.000661	16.2	0.00324	0.0279	0.000216	0.000232	0.000125	0.149	0.00000308	0.000422	0.000465	0.00149	0.0000183
2083 Nov	0.0414	0.00000749	2.54	4.09	0.039	0.000661	16.1	0.00324	0.0279	0.000216	0.000232	0.000125	0.149	0.00000308	0.000422	0.000465	0.00149	0.0000182
2083 Dec	0.0414	0.00000749	2.54	4.09	0.039	0.000661	16.1	0.00324	0.0279	0.000216	0.000232	0.000125	0.149	0.00000308	0.000422	0.000465	0.00149	0.0000182
2084 Jan	0.0414	0.00000749	2.54	4.09	0.039	0.000661	16.1	0.00324	0.0279	0.000216	0.000232	0.000125	0.149	0.00000308	0.000422	0.000465	0.00149	0.0000182
2084 Feb	0.0414	0.00000749	2.54	4.09	0.039	0.000661	16.1	0.00324	0.0279	0.000216	0.000232	0.000125	0.149	0.00000308	0.000422	0.000465	0.00149	0.0000182
2084 Mar	0.0414	0.00000749	2.54	4.09	0.039	0.000661	16.1	0.00324	0.0279	0.000216	0.000232	0.000125	0.149	0.00000308	0.000422	0.000465	0.00149	0.0000182
2084 Apr	0.0415	0.00000749	2.54	4.09	0.039	0.000661	16.1	0.00324	0.0279	0.000216	0.000232	0.000125	0.149	0.00000308	0.000422	0.000465	0.00149	0.0000182
2084 May	0.0415	0.00000751	2.54	4.09	0.0391	0.000661	16.1	0.00324	0.0279	0.000217	0.000233	0.000125	0.149	0.00000308	0.000422	0.000466	0.00149	0.0000182
2084 Jun	0.0417	0.00000751	2.54	4.09	0.0392	0.000661	16.1	0.00324	0.028	0.000218	0.000233	0.000125	0.149	0.00000307	0.000422	0.000467	0.00148	0.0000181
2084 Jul	0.0417	0.00000752	2.54	4.1	0.0393	0.000662	16.1	0.00325	0.028	0.000219	0.000233	0.000125	0.149	0.00000307	0.000423	0.000468	0.00149	0.0000181
2084 Aug	0.0418	0.00000753	2.55	4.11	0.0394	0.000663	16.1	0.00325	0.0281	0.000219	0.000233	0.000125	0.149	0.00000308	0.000424	0.000469	0.00149	0.0000181
2084 Sep	0.0418	0.00000754	2.55	4.11	0.0394	0.000664	16.1	0.00326	0.0281	0.000219	0.000233	0.000125	0.15	0.00000308	0.000424	0.000469	0.00149	0.0000181
2084 Oct	0.0418	0.00000754	2.55	4.11	0.0394	0.000664	16.1	0.00326	0.0281	0.000219	0.000233	0.000125	0.15	0.00000308	0.000424	0.000469	0.00149	0.0000181
2084 Nov	0.0418	0.00000754	2.55	4.11	0.0394	0.000664	16.1	0.00326	0.0281	0.000219	0.000233	0.000125	0.15	0.00000307	0.000424	0.000469	0.00149	0.0000181
2084 Dec	0.0418	0.00000754	2.55	4.11	0.0394	0.000664	16.1	0.00326	0.0281	0.000219	0.000233	0.000125	0.15	0.00000307	0.000424	0.000469	0.00149	0.0000181
2085 Jan	0.0418	0.00000754	2.55	4.11	0.0394	0.000664	16.1	0.00326	0.0281	0.000219	0.000233	0.000125	0.15	0.00000307	0.000424	0.000469	0.00149	0.0000181
2085 Feb	0.0418	0.00000754	2.55	4.11	0.0394	0.000664	16.1	0.00326	0.0281	0.000219	0.000233	0.000125	0.15	0.00000307	0.000424	0.000469	0.00149	0.0000181
2085 Mar	0.0418	0.00000754	2.55	4.11	0.0394	0.000664	16.1	0.00326	0.0281	0.000219	0.000233	0.000125	0.15	0.00000307	0.000424	0.000469	0.00149	0.0000181
2085 Apr	0.0418	0.00000754	2.55	4.11	0.0394	0.000664	16.1	0.00326	0.0281	0.000219	0.000233	0.000125	0.15	0.00000307	0.000424	0.000469	0.00149	0.0000181
2085 May	0.0419	0.00000755	2.55	4.11	0.0395	0.000665	16.1	0.00326	0.0281	0.000219	0.000234	0.000125	0.15	0.00000307	0.000425	0.00047	0.00149	0.0000181
2085 Jun	0.042	0.00000756	2.55	4.12	0.0396	0.000665	16.1	0.00326	0.0282	0.00022	0.000234	0.000125	0.15	0.00000307	0.000425	0.000471	0.00149	0.000018
2085 Jul	0.042	0.00000757	2.56	4.13	0.0396	0.000667	16.1	0.00327	0.0282	0.000221	0.000234	0.000126	0.15	0.00000307	0.000426	0.000472	0.00149	0.000018
2085 Aug	0.042	0.00000757	2.56	4.13	0.0397	0.000668	16.1	0.00327	0.0282	0.000221	0.000235	0.000126	0.15	0.00000308	0.000427	0.000472	0.00149	0.0000181
2085 Sep	0.042	0.00000758	2.56	4.13	0.0397	0.000668	16.1	0.00328	0.0282	0.000221	0.000235	0.000126	0.15	0.00000307	0.000427	0.000472	0.00149	0.000018
2085 Oct	0.0421	0.00000758	2.56	4.13	0.0397	0.000668	16.1	0.00328	0.0282	0.000221	0.000235	0.000126	0.15	0.00000307	0.000427	0.000472	0.00149	0.000018
2085 Nov	0.0421	0.00000758	2.56	4.13	0.0397	0.000668	16.1	0.00328	0.0282	0.000221	0.000235	0.000126	0.15	0.00000307	0.000427	0.000472	0.00149	0.000018
2085 Dec	0.0421	0.00000758	2.56	4.13	0.0397	0.000668	16.1	0.00328	0.0282	0.000221	0.000235	0.000126	0.15	0.00000307	0.000427	0.000473	0.00149	0.000018
2086 Jan	0.0421	0.00000758	2.56	4.13	0.0397	0.000668	16.1	0.00328	0.0282	0.000221	0.000235	0.000126	0.15	0.00000307	0.000427	0.000473	0.00149	0.000018
2086 Feb	0.0421	0.00000758	2.56	4.13	0.0397	0.000668	16.1	0.00328	0.0282	0.000221	0.000235	0.000126	0.15	0.00000307	0.000427	0.000473	0.00149	0.000018
2086 Mar	0.0421	0.00000758	2.56	4.13	0.0397	0.000669	16.1	0.00328	0.0282	0.000221	0.000235	0.000126	0.15	0.00000307	0.000427	0.000473	0.00149	0.000018
2086 Apr	0.0421	0.00000758	2.56	4.13	0.0397	0.000669	16.1	0.00328	0.0282	0.000221	0.000235	0.000126	0.15	0.00000307	0.000427	0.000473	0.00149	0.000018
2086 May	0.0421	0.00000759	2.56	4.14	0.0398	0.000669	16.1	0.00328	0.0283	0.000222	0.000235	0.000126	0.151	0.00000307	0.000428	0.000473	0.00149	0.000018
2086 Jun	0.0423	0.00000761	2.56	4.14	0.04	0.000669	16	0.00329	0.0284	0.000224	0.000235	0.000126	0.151	0.00000306	0.000428	0.000476	0.00149	0.0000178
2086 Jul	0.0424	0.00000762	2.57	4.15	0.0401	0.000671	16	0.00329	0.0284	0.000224	0.000236	0.000126	0.151	0.00000306	0.000428	0.000477	0.00149	0.0000178
2086 Aug	0.0424	0.00000763	2.57	4.16	0.0401	0.000672	16	0.0033	0.0284	0.000224	0.000236	0.000126	0.151	0.00000307	0.000429	0.000477	0.00149	0.0000179
2086 Sep	0.0424	0.00000763	2.57	4.16	0.0402	0.000672	16	0.0033	0.0285	0.000224	0.000236	0.000126	0.151	0.00000306	0.00043	0.000477	0.00149	0.0000178
2086 Oct	0.0424	0.00000764	2.57	4.16	0.0402	0.000673	16	0.0033	0.0285	0.000224	0.000236	0.000126	0.151	0.00000306	0.00043	0.000477	0.00149	0.0000178
2086 Nov	0.0425	0.00000764	2.57	4.16	0.0402	0.000673	16	0.0033	0.0285	0.000224	0.000236	0.000126	0.151	0.00000306	0.00043	0.000477	0.00149	0.0000178
2086 Dec	0.0425	0.00000764	2.57	4.16	0.0402	0.000673	16	0.0033	0.0285	0.000224	0.000236	0.000126	0.151	0.00000306	0.00043	0.000477	0.00149	0.0000178
2087 Jan	0.0425	0.00000764	2.57	4.16	0.0402	0.000673	16	0.0033	0.0285	0.000224	0.000236	0.000126	0.151	0.00000306	0.00043	0.000477	0.00149	0.0000178
2087 Feb	0.0425	0.00000764	2.57	4.16	0.0402	0.000673	16	0.0033	0.0285	0.000224	0.000236	0.000126	0.151	0.00000306	0.00043	0.000477	0.00149	0.0000178
2087 Mar	0.0425	0.00000764	2.57	4.16	0.0402	0.000673	16	0.0033	0.0285	0.000224	0.000236	0.000126	0.151	0.00000306	0.00043	0.000477	0.00149	0.0000178
2087 Apr	0.0425	0.00000764	2.57	4.16	0.0402	0.000673	16	0.0033	0.0285	0.000224	0.000236	0.000126	0.151	0.00000306	0.00043	0.000477	0.00149	0.0000178
2087 May	0.0425	0.00000765	2.57	4.16	0.0402	0.000673	16	0.0033	0.0285	0.000225	0.000237	0.000127	0.151	0.00000306	0.00043	0.000478	0.0015	0.0000178
2087 Jun	0.0427	0.00000766	2.57	4.17	0.0404	0.000673	16	0.0033	0.0286	0.000226	0.000237	0.000127	0.152	0.00000306	0.00043	0.00048	0.0015	0.0000177
2087 Jul	0.0427	0.00000767	2.58	4.17	0.0404	0.000674	16	0.00331	0.0286	0.000227	0.000237	0.000127	0.152	0.00000306	0.000431	0.000481	0.0015	0.0000177
2087 Aug	0.0428	0.00000769	2.58	4.18	0.0405	0.000676	16	0.00332	0.0287	0.000227	0.000238	0.000127	0.152	0.00000306	0.000432	0.000481	0.0015	0.0000177
2087 Sep	0.0428	0.00000769	2.58	4.18	0.0405	0.000676	16	0.00332	0.0287	0.000227	0.000238	0.000127	0.152	0.00000307	0.000432	0.000482	0.0015	0.0000178
2087 Oct	0.0428	0.00000769	2.58	4.18	0.0405	0.000676	16	0.00332	0.0287	0.000227	0.000238	0.000127	0.152	0.00000306	0.000432	0.000482	0.0015	0.0000178
2087 Nov	0.0428	0.00000769	2.58	4.18	0.0405	0.000676	16	0.00332	0.0287	0.000227	0.000238	0.000127	0.152	0.00000306	0.000432	0.000482	0.0015	0.0000178
2087 Dec	0.0428	0.00000769	2.58	4.18	0.0405	0.000676	16	0.00332	0.0287	0.000227	0.000238	0.000127	0.152	0.00000306	0.000432	0.000482	0.0015	0.0000178
2088 Jan	0.0428	0.00000769	2.58	4.18	0.0405	0.000676	16	0.00332	0.0287	0.000227	0.000238	0.000127	0.152	0.00000306	0.000432	0.000482	0.0015	0.0000178
2088 Feb	0.0428	0.00000769	2.58	4.18	0.0405	0.000676	16	0.00332	0.0287	0.000227	0.000238	0.000127	0.152	0.00000306	0.000432	0.000482	0.0015	0.0000178
2088 Mar	0.0428	0.00000769	2.58	4.18	0.0405	0.000677	16	0.00332	0.0287	0.000227	0.000238	0.000127	0.152	0.00000306	0.000433	0.000482	0.0015	0.0000178
2088 Apr	0.0428	0.00000769	2.59	4.18	0.0405	0.000677	16	0.00332	0.0287	0.000227	0.000238	0.000127	0.152	0.00000307	0.000433	0.000482	0.0015	0.0000178
2088 May	0.0428	0.0000077	2.59	4.19	0.0406	0.000677	16	0.00332	0.0287	0.000227	0.000238	0.000127	0.152	0.00000307	0.000433	0.000482	0.0015	0.0000178
2088 Jun	0.043	0.00000772	2.59	4.19	0.0407	0.000678	16	0.00333	0.0288	0.000228	0.000238	0.000127	0.153	0.00000306	0.000433	0.000484	0.0015	0.0000177
2088 Jul	0.0431	0.00000773	2.59	4.2	0.0408	0.000679	16	0.00333	0.0288	0.000229	0.000239	0.000128	0.153	0.00000307	0.000434	0.000485	0.00151	0.0000177
2088 Aug	0.0431	0.00000775	2.6	4.21	0.0409	0.000681	16	0.00334	0.0289	0.000229	0.00024	0.000128	0.153	0.00000307	0.000435	0.000486	0.00151	0.0000177
2088 Sep	0.0432	0.00000776	2.6	4.21	0.0409	0.000681	16.1	0.00334	0.0289	0.000229	0.00024	0.000128	0.153	0.00000307	0.000436	0.000486	0.00151	0.0000177
2088 Oct	0.0431	0.00000775	2.6	4.21	0.0409	0.000681	16	0.00334	0.0289	0.000229	0.00024	0.000128	0.153	0.00000307	0.000436	0.000486	0.00151	0.0000177

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.0431	0.00000775	2.6	4.21	0.0409	0.000681	16	0.00334	0.0289	0.000229	0.00024	0.000128	0.153	0.00000307	0.000436	0.000486	0.00151	0.0000177
2088 Dec	0.0431	0.00000775	2.6	4.21	0.0409	0.000681	16	0.00334	0.0289	0.000229	0.00024	0.000128	0.153	0.00000307	0.000436	0.000486	0.00151	0.0000177
2089 Jan	0.0431	0.00000775	2.6	4.21	0.0409	0.000681	16	0.00334	0.0289	0.000229	0.00024	0.000128	0.153	0.00000307	0.000436	0.000486	0.00151	0.0000177
2089 Feb	0.0431	0.00000775	2.6	4.21	0.0409	0.000681	16	0.00334	0.0289	0.000229	0.00024	0.000128	0.153	0.00000307	0.000436	0.000486	0.00151	0.0000177
2089 Mar	0.0431	0.00000775	2.6	4.21	0.0409	0.000681	16	0.00334	0.0289	0.000229	0.00024	0.000128	0.153	0.00000307	0.000436	0.000486	0.00151	0.0000177
2089 Apr	0.0431	0.00000776	2.6	4.21	0.0409	0.000681	16	0.00334	0.0289	0.000229	0.00024	0.000128	0.153	0.00000307	0.000436	0.000486	0.00151	0.0000177
2089 May	0.0432	0.00000777	2.6	4.21	0.0409	0.000682	16	0.00335	0.029	0.00023	0.00024	0.000128	0.153	0.00000307	0.000436	0.000487	0.00151	0.0000177
2089 Jun	0.0434	0.00000779	2.6	4.22	0.0411	0.000682	16	0.00335	0.0291	0.000231	0.00024	0.000128	0.154	0.00000307	0.000436	0.000489	0.00151	0.0000176
2089 Jul	0.0434	0.0000078	2.61	4.23	0.0412	0.000684	16	0.00336	0.0291	0.000231	0.000241	0.000128	0.154	0.00000307	0.000437	0.000489	0.00151	0.0000176
2089 Aug	0.0435	0.00000781	2.61	4.23	0.0412	0.000685	16	0.00336	0.0291	0.000232	0.000241	0.000129	0.154	0.00000308	0.000438	0.00049	0.00152	0.0000177
2089 Sep	0.0435	0.00000782	2.61	4.24	0.0412	0.000685	16	0.00337	0.0291	0.000232	0.000241	0.000129	0.154	0.00000308	0.000438	0.00049	0.00152	0.0000177
2089 Oct	0.0435	0.00000782	2.61	4.24	0.0413	0.000686	16	0.00337	0.0292	0.000232	0.000241	0.000129	0.154	0.00000307	0.000439	0.000491	0.00152	0.0000176
2089 Nov	0.0436	0.00000782	2.61	4.24	0.0413	0.000686	16	0.00337	0.0292	0.000232	0.000242	0.000129	0.154	0.00000307	0.000439	0.000491	0.00152	0.0000176
2089 Dec	0.0436	0.00000782	2.61	4.24	0.0413	0.000686	16	0.00337	0.0292	0.000232	0.000242	0.000129	0.154	0.00000307	0.000439	0.000491	0.00152	0.0000176
2090 Jan	0.0436	0.00000782	2.61	4.24	0.0413	0.000686	16	0.00337	0.0292	0.000232	0.000242	0.000129	0.154	0.00000307	0.000439	0.000491	0.00152	0.0000176
2090 Feb	0.0436	0.00000782	2.61	4.24	0.0413	0.000686	16	0.00337	0.0292	0.000232	0.000242	0.000129	0.154	0.00000307	0.000439	0.000491	0.00152	0.0000176
2090 Mar	0.0436	0.00000782	2.61	4.24	0.0413	0.000686	16	0.00337	0.0292	0.000232	0.000242	0.000129	0.154	0.00000307	0.000439	0.000491	0.00152	0.0000176
2090 Apr	0.0436	0.00000782	2.61	4.24	0.0413	0.000686	16	0.00337	0.0292	0.000232	0.000242	0.000129	0.154	0.00000307	0.000439	0.000491	0.00152	0.0000176
2090 May	0.0436	0.00000783	2.62	4.24	0.0413	0.000686	16	0.00337	0.0292	0.000232	0.000242	0.000129	0.154	0.00000307	0.000439	0.000491	0.00152	0.0000176
2090 Jun	0.0439	0.00000786	2.62	4.25	0.0416	0.000687	15.9	0.00338	0.0293	0.000235	0.000242	0.000129	0.155	0.00000306	0.000439	0.000495	0.00152	0.0000174
2090 Jul	0.0439	0.00000787	2.62	4.26	0.0417	0.000689	15.9	0.00339	0.0294	0.000235	0.000243	0.000129	0.155	0.00000306	0.00044	0.000495	0.00152	0.0000174
2090 Aug	0.0439	0.00000788	2.62	4.26	0.0417	0.000689	15.9	0.00339	0.0294	0.000235	0.000243	0.000129	0.155	0.00000306	0.00044	0.000496	0.00152	0.0000174
2090 Sep	0.0439	0.00000788	2.62	4.26	0.0417	0.00069	15.9	0.00339	0.0294	0.000235	0.000243	0.000129	0.155	0.00000306	0.000441	0.000496	0.00152	0.0000174
2090 Oct	0.0439	0.00000788	2.62	4.26	0.0417	0.00069	15.9	0.00339	0.0294	0.000235	0.000243	0.000129	0.155	0.00000305	0.00044	0.000495	0.00152	0.0000173
2090 Nov	0.0439	0.00000788	2.62	4.26	0.0417	0.000689	15.9	0.00339	0.0294	0.000235	0.000243	0.000129	0.155	0.00000305	0.00044	0.000495	0.00152	0.0000173
2090 Dec	0.0439	0.00000788	2.62	4.26	0.0417	0.000689	15.9	0.00339	0.0294	0.000235	0.000243	0.000129	0.155	0.00000305	0.00044	0.000495	0.00152	0.0000173
2091 Jan	0.0439	0.00000788	2.62	4.26	0.0417	0.000689	15.9	0.00339	0.0294	0.000235	0.000243	0.000129	0.155	0.00000305	0.00044	0.000495	0.00152	0.0000173
2091 Feb	0.0439	0.00000788	2.62	4.26	0.0417	0.000689	15.9	0.00339	0.0294	0.000235	0.000243	0.000129	0.155	0.00000305	0.00044	0.000495	0.00152	0.0000173
2091 Mar	0.0439	0.00000788	2.62	4.26	0.0417	0.00069	15.9	0.00339	0.0294	0.000235	0.000243	0.000129	0.155	0.00000305	0.00044	0.000495	0.00152	0.0000173
2091 Apr	0.0439	0.00000788	2.62	4.26	0.0417	0.00069	15.9	0.00339	0.0294	0.000235	0.000243	0.000129	0.155	0.00000305	0.00044	0.000495	0.00152	0.0000173
2091 May	0.044	0.00000789	2.62	4.26	0.0417	0.00069	15.9	0.00339	0.0294	0.000235	0.000243	0.000129	0.155	0.00000305	0.000441	0.000496	0.00152	0.0000173
2091 Jun	0.0441	0.0000079	2.62	4.26	0.0418	0.00069	15.8	0.00339	0.0295	0.000236	0.000243	0.000129	0.155	0.00000304	0.00044	0.000497	0.00152	0.0000172
2091 Jul	0.0442	0.00000792	2.62	4.27	0.0419	0.000691	15.8	0.0034	0.0296	0.000237	0.000243	0.000129	0.156	0.00000305	0.000441	0.000498	0.00152	0.0000172
2091 Aug	0.0442	0.00000792	2.63	4.28	0.042	0.000692	15.8	0.0034	0.0296	0.000237	0.000243	0.000129	0.156	0.00000305	0.000442	0.000498	0.00152	0.0000172
2091 Sep	0.0442	0.00000793	2.63	4.28	0.042	0.000693	15.8	0.0034	0.0296	0.000237	0.000244	0.00013	0.156	0.00000305	0.000442	0.000498	0.00152	0.0000172
2091 Oct	0.0442	0.00000793	2.63	4.28	0.042	0.000693	15.8	0.0034	0.0296	0.000237	0.000244	0.000129	0.156	0.00000305	0.000442	0.000498	0.00152	0.0000172
2091 Nov	0.0442	0.00000793	2.63	4.28	0.042	0.000693	15.8	0.0034	0.0296	0.000237	0.000244	0.000129	0.156	0.00000304	0.000442	0.000498	0.00152	0.0000171
2091 Dec	0.0442	0.00000793	2.63	4.28	0.042	0.000693	15.8	0.0034	0.0296	0.000237	0.000244	0.000129	0.156	0.00000304	0.000442	0.000498	0.00152	0.0000171
2092 Jan	0.0442	0.00000793	2.63	4.28	0.042	0.000693	15.8	0.0034	0.0296	0.000237	0.000244	0.000129	0.156	0.00000304	0.000442	0.000498	0.00152	0.0000171
2092 Feb	0.0442	0.00000793	2.63	4.28	0.042	0.000693	15.8	0.0034	0.0296	0.000237	0.000244	0.000129	0.156	0.00000304	0.000442	0.000498	0.00152	0.0000171
2092 Mar	0.0442	0.00000793	2.63	4.28	0.042	0.000693	15.8	0.0034	0.0296	0.000237	0.000244	0.000129	0.156	0.00000304	0.000442	0.000498	0.00152	0.0000171
2092 Apr	0.0442	0.00000793	2.63	4.28	0.042	0.000693	15.8	0.0034	0.0296	0.000237	0.000244	0.000129	0.156	0.00000304	0.000442	0.000498	0.00152	0.0000171
2092 May	0.0443	0.00000794	2.63	4.28	0.0421	0.000694	15.8	0.00341	0.0297	0.000238	0.000244	0.00013	0.156	0.00000304	0.000442	0.000499	0.00152	0.0000171
2092 Jun	0.0445	0.00000795	2.63	4.28	0.0423	0.000693	15.7	0.0034	0.0298	0.00024	0.000244	0.000129	0.156	0.00000303	0.000441	0.000501	0.00152	0.0000169
2092 Jul	0.0445	0.00000796	2.63	4.29	0.0423	0.000694	15.7	0.00341	0.0298	0.00024	0.000244	0.00013	0.156	0.00000303	0.000442	0.000502	0.00152	0.0000169
2092 Aug	0.0446	0.00000797	2.63	4.29	0.0424	0.000695	15.7	0.00341	0.0298	0.00024	0.000244	0.00013	0.156	0.00000303	0.000443	0.000503	0.00152	0.000017
2092 Sep	0.0446	0.00000797	2.63	4.29	0.0424	0.000696	15.7	0.00342	0.0298	0.00024	0.000244	0.00013	0.156	0.00000303	0.000443	0.000503	0.00152	0.000017
2092 Oct	0.0446	0.00000797	2.63	4.3	0.0424	0.000696	15.7	0.00342	0.0298	0.00024	0.000245	0.00013	0.156	0.00000303	0.000444	0.000503	0.00152	0.0000169
2092 Nov	0.0446	0.00000797	2.63	4.3	0.0424	0.000696	15.7	0.00342	0.0298	0.00024	0.000245	0.00013	0.156	0.00000303	0.000444	0.000503	0.00152	0.0000169
2092 Dec	0.0446	0.00000797	2.63	4.3	0.0424	0.000696	15.7	0.00342	0.0298	0.00024	0.000245	0.00013	0.156	0.00000303	0.000444	0.000503	0.00152	0.0000169
2093 Jan	0.0446	0.00000797	2.63	4.3	0.0424	0.000696	15.7	0.00342	0.0298	0.00024	0.000245	0.00013	0.156	0.00000303	0.000444	0.000503	0.00152	0.0000169
2093 Feb	0.0446	0.00000797	2.63	4.3	0.0424	0.000696	15.7	0.00342	0.0298	0.00024	0.000245	0.00013	0.156	0.00000303	0.000444	0.000503	0.00152	0.0000169
2093 Mar	0.0446	0.00000798	2.64	4.3	0.0424	0.000696	15.7	0.00342	0.0298	0.00024	0.000245	0.00013	0.156	0.00000303	0.000444	0.000503	0.00152	0.0000169
2093 Apr	0.0446	0.00000798	2.64	4.3	0.0424	0.000696	15.7	0.00342	0.0298	0.00024	0.000245	0.00013	0.156	0.00000303	0.000444	0.000503	0.00152	0.0000169
2093 May	0.0446	0.00000798	2.64	4.3	0.0425	0.000697	15.7	0.00342	0.0299	0.000241	0.000245	0.00013	0.157	0.00000303	0.000444	0.000503	0.00152	0.0000169
2093 Jun	0.0448	0.000008	2.64	4.31	0.0427	0.000697	15.7	0.00343	0.0299	0.000242	0.000245	0.00013	0.157	0.00000302	0.000444	0.000506	0.00152	0.0000168
2093 Jul	0.0449	0.00000801	2.64	4.32	0.0427	0.000699	15.7	0.00343	0.03	0.000243	0.000246	0.00013	0.157	0.00000303	0.000445	0.000506	0.00152	0.0000168
2093 Aug	0.0449	0.00000803	2.65	4.32	0.0428	0.0007	15.7	0.00344	0.03	0.000243	0.000246	0.000131	0.157	0.00000303	0.000446	0.000507	0.00152	0.0000169
2093 Sep	0.0449	0.00000803	2.65	4.33	0.0428	0.0007	15.7	0.00344	0.03	0.000243	0.000246	0.000131	0.157	0.00000303	0.000447	0.000507	0.00152	0.0000169
2093 Oct	0.0449	0.00000803	2.65	4.32	0.0428	0.0007	15.7	0.00344	0.03	0.000243	0.000246	0.000131	0.157	0.00000303	0.000447	0.000507	0.00152	0.0000168
2093 Nov	0.0449	0.00000803	2.65	4.33	0.0428	0.000701	15.7	0.00344	0.03	0.000243	0.000246	0.000131	0.157	0.00000302	0.000447	0.000507	0.00152	0.0000168
2093 Dec	0.0449	0.00000803	2.65	4.33	0.0428	0.000701	15.7	0.00344	0.03	0.000243	0.000246	0.000131	0.157	0.00000302	0.000447	0.000507	0.00152	0.0000168
2094 Jan	0.0449	0.00000803	2.65	4.33	0.0428	0.000701	15.7	0.00344	0.03	0.000243	0.000246	0.000131	0.157	0.00000302	0.000447	0.000507	0.00152	0.0000168
2094 Feb	0.0449	0.00000803	2.65	4.33	0.0428	0.000701	15.7	0.00344	0.03	0.000243	0.000246	0.000131	0.157	0.00000302	0.000447	0.000507	0.00152	0.0000168
2094 Mar	0.0449	0.00000803	2.65	4.33	0.0428	0.000701	15.7	0.00344	0.03	0.000243	0.000246	0.000131	0.157	0.00000302	0.000447	0.000507	0.00152	0.0000168
2094 Apr	0.0449	0.00000803	2.65	4.33	0.0428	0.000701	15.7	0.00344	0.03	0.000243	0.000246	0.000131	0.157	0.00000302	0.000447	0.000508	0.00152	0.0000168
2094 May	0.045	0.00000804	2.65	4.33	0.0429	0.000701	15.7	0.00345	0.0301	0.000244	0.000247	0.000131	0.158	0.00000302	0.000447	0.000508	0.00152	0.0000168
2094 Jun	0.0451	0.00000806	2.65	4.34	0.043	0.000702	15.6	0.00345	0.0301	0.000245	0.000247	0.000131	0.158	0.00000302	0.000447	0.00051	0.00152	0.0000167
2094 Jul	0.0452	0.00000808	2.66	4.35	0.0431	0.000704	15.7	0.00346	0.0302	0.000246	0.000248	0.000131	0.158	0.00000303	0.000449	0.000511	0.00153	0.0000167
2094 Aug	0.0453	0.00000809	2.67	4.36	0.0432	0.000706	15.7	0.00347	0.0303	0.000246	0.000248	0.000132	0.159	0.00000303	0.00045	0.000512	0.00153	0.0000168
2094 Sep	0.0453	0.0000081	2.67	4.36	0.0433	0.000706	15.7	0.00347	0.0303	0.000246	0.000248	0.000132	0.159	0.00000303	0.00045	0.000512	0.00153	0.0000168
2094 Oct	0.0453	0.0000081	2.67	4.36	0.0433	0.000707	15.7	0.00347	0.0303	0.000246	0.000248	0.000132	0.159	0.00000303	0.00045	0.000512	0.00153	0.0000168
2094 Nov	0.0453	0.0000081	2.67	4.36	0.0433	0.000707	15.7	0.00348	0.0303	0.000246	0.000248	0.000132	0.159	0.00000303	0.000451	0.000512	0.00153	0.0000167
2094 Dec	0.0453	0.0000081	2.67	4.36	0.0433	0.000707	15.7	0.00348	0.0303	0.000246	0.000248	0.000132	0.159	0.00000303	0.000451	0.000512	0.00153	0.0000167
2095 Jan	0.0453	0.0000081	2.67	4.36	0.0433	0.000707	15.7	0.00348	0.0303	0.000246	0.000248	0.000132	0.159	0.00000303	0.000451	0.000512	0.00153	0.0000167
2095 Feb	0.0453	0.0000081	2.67	4.36	0.0433	0.000707	15.7	0.00348	0.0303	0.000246	0.000248	0.000132	0.159	0.00000303	0.000451	0.000512	0.00153	0.0000167
2095 Mar	0.0453	0.0000081	2.67	4.36	0.0433	0.000707	15.7	0.00348	0.0303	0.000246	0.000248	0.000132	0.159	0.00000303	0.000451	0.000512	0.00153	0.0000167

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0453	0.0000081	2.67	4.36	0.0433	0.000707	15.7	0.00348	0.0303	0.000246	0.000248	0.000132	0.159	0.00000303	0.000451	0.000512	0.00153	0.0000167
2095 May	0.0454	0.00000811	2.67	4.37	0.0433	0.000708	15.7	0.00348	0.0303	0.000247	0.000249	0.000132	0.159	0.00000303	0.000451	0.000513	0.00153	0.0000167
2095 Jun	0.0455	0.00000812	2.67	4.38	0.0435	0.000709	15.7	0.00349	0.0304	0.000247	0.000249	0.000132	0.159	0.00000303	0.000452	0.000514	0.00153	0.0000167
2095 Jul	0.0456	0.00000814	2.68	4.39	0.0436	0.000711	15.7	0.0035	0.0304	0.000248	0.000249	0.000132	0.16	0.00000303	0.000453	0.000515	0.00153	0.0000167
2095 Aug	0.0456	0.00000814	2.68	4.39	0.0436	0.000712	15.7	0.0035	0.0304	0.000248	0.00025	0.000132	0.16	0.00000303	0.000454	0.000515	0.00153	0.0000167
2095 Sep	0.0456	0.00000815	2.68	4.39	0.0436	0.000712	15.7	0.0035	0.0304	0.000248	0.00025	0.000132	0.16	0.00000303	0.000454	0.000516	0.00153	0.0000167
2095 Oct	0.0456	0.00000815	2.68	4.39	0.0436	0.000713	15.7	0.0035	0.0304	0.000248	0.00025	0.000132	0.16	0.00000303	0.000454	0.000516	0.00154	0.0000167
2095 Nov	0.0456	0.00000815	2.68	4.39	0.0436	0.000713	15.7	0.0035	0.0304	0.000248	0.00025	0.000132	0.16	0.00000303	0.000454	0.000516	0.00153	0.0000167
2095 Dec	0.0456	0.00000815	2.68	4.39	0.0436	0.000713	15.7	0.0035	0.0304	0.000248	0.00025	0.000132	0.16	0.00000303	0.000455	0.000516	0.00153	0.0000167
2096 Jan	0.0456	0.00000815	2.68	4.39	0.0436	0.000713	15.7	0.0035	0.0304	0.000248	0.00025	0.000132	0.16	0.00000303	0.000455	0.000516	0.00153	0.0000167
2096 Feb	0.0456	0.00000815	2.68	4.39	0.0436	0.000713	15.7	0.0035	0.0304	0.000248	0.00025	0.000132	0.16	0.00000303	0.000455	0.000516	0.00153	0.0000167
2096 Mar	0.0456	0.00000815	2.68	4.39	0.0436	0.000713	15.7	0.0035	0.0304	0.000248	0.00025	0.000132	0.16	0.00000303	0.000455	0.000516	0.00153	0.0000167
2096 Apr	0.0456	0.00000815	2.68	4.39	0.0436	0.000713	15.7	0.0035	0.0304	0.000248	0.00025	0.000132	0.16	0.00000303	0.000455	0.000516	0.00154	0.0000167
2096 May	0.0457	0.00000816	2.69	4.4	0.0437	0.000714	15.7	0.00351	0.0305	0.000248	0.00025	0.000133	0.16	0.00000303	0.000455	0.000516	0.00154	0.0000167
2096 Jun	0.0459	0.00000819	2.69	4.41	0.0439	0.000715	15.6	0.00352	0.0306	0.00025	0.000251	0.000133	0.16	0.00000302	0.000455	0.000519	0.00154	0.0000165
2096 Jul	0.0459	0.0000082	2.69	4.42	0.044	0.000717	15.6	0.00353	0.0306	0.000251	0.000252	0.000133	0.161	0.00000302	0.000456	0.00052	0.00154	0.0000165
2096 Aug	0.046	0.00000822	2.7	4.43	0.0441	0.000718	15.7	0.00353	0.0307	0.000251	0.000252	0.000133	0.161	0.00000303	0.000457	0.000521	0.00154	0.0000166
2096 Sep	0.046	0.00000822	2.7	4.43	0.0441	0.000719	15.7	0.00354	0.0307	0.000251	0.000252	0.000133	0.161	0.00000303	0.000458	0.000521	0.00154	0.0000166
2096 Oct	0.046	0.00000822	2.7	4.43	0.0441	0.000719	15.6	0.00354	0.0307	0.000251	0.000252	0.000133	0.161	0.00000302	0.000458	0.000521	0.00154	0.0000165
2096 Nov	0.046	0.00000822	2.7	4.43	0.0441	0.000719	15.6	0.00354	0.0307	0.000251	0.000252	0.000133	0.161	0.00000302	0.000458	0.000521	0.00154	0.0000165
2096 Dec	0.046	0.00000822	2.7	4.43	0.0441	0.000719	15.6	0.00354	0.0307	0.000251	0.000252	0.000133	0.161	0.00000302	0.000458	0.000521	0.00154	0.0000165
2097 Jan	0.046	0.00000822	2.7	4.43	0.0441	0.000719	15.6	0.00354	0.0307	0.000251	0.000252	0.000133	0.161	0.00000302	0.000458	0.000521	0.00154	0.0000165
2097 Feb	0.046	0.00000822	2.7	4.43	0.0441	0.000719	15.6	0.00354	0.0307	0.000251	0.000252	0.000133	0.161	0.00000302	0.000458	0.000521	0.00154	0.0000165
2097 Mar	0.046	0.00000822	2.7	4.43	0.0441	0.000719	15.6	0.00354	0.0307	0.000251	0.000252	0.000133	0.161	0.00000302	0.000458	0.000521	0.00154	0.0000165
2097 Apr	0.046	0.00000822	2.7	4.43	0.0441	0.000719	15.6	0.00354	0.0307	0.000251	0.000252	0.000133	0.161	0.00000302	0.000458	0.000521	0.00154	0.0000165
2097 May	0.046	0.00000823	2.7	4.43	0.0441	0.00072	15.7	0.00354	0.0307	0.000251	0.000252	0.000133	0.161	0.00000303	0.000458	0.000521	0.00154	0.0000165
2097 Jun	0.0461	0.00000824	2.7	4.43	0.0442	0.00072	15.6	0.00354	0.0308	0.000252	0.000253	0.000133	0.161	0.00000302	0.000459	0.000522	0.00154	0.0000165
2097 Jul	0.0462	0.00000826	2.71	4.44	0.0443	0.000722	15.6	0.00355	0.0308	0.000252	0.000253	0.000134	0.162	0.00000303	0.00046	0.000523	0.00154	0.0000165
2097 Aug	0.0462	0.00000827	2.71	4.45	0.0443	0.000723	15.7	0.00356	0.0309	0.000252	0.000253	0.000134	0.162	0.00000303	0.000461	0.000524	0.00155	0.0000165
2097 Sep	0.0463	0.00000828	2.71	4.45	0.0443	0.000724	15.7	0.00356	0.0309	0.000253	0.000254	0.000134	0.162	0.00000303	0.000461	0.000524	0.00155	0.0000165
2097 Oct	0.0463	0.00000828	2.71	4.45	0.0443	0.000724	15.7	0.00356	0.0309	0.000252	0.000254	0.000134	0.162	0.00000303	0.000461	0.000524	0.00155	0.0000165
2097 Nov	0.0462	0.00000827	2.71	4.45	0.0443	0.000724	15.7	0.00356	0.0309	0.000252	0.000254	0.000134	0.162	0.00000303	0.000461	0.000524	0.00155	0.0000165
2097 Dec	0.0462	0.00000827	2.71	4.45	0.0443	0.000724	15.7	0.00356	0.0309	0.000252	0.000254	0.000134	0.162	0.00000303	0.000461	0.000524	0.00155	0.0000165
2098 Jan	0.0462	0.00000827	2.71	4.45	0.0443	0.000724	15.7	0.00356	0.0309	0.000252	0.000254	0.000134	0.162	0.00000303	0.000461	0.000524	0.00155	0.0000165
2098 Feb	0.0462	0.00000827	2.71	4.45	0.0443	0.000724	15.7	0.00356	0.0309	0.000252	0.000254	0.000134	0.162	0.00000303	0.000461	0.000524	0.00155	0.0000165
2098 Mar	0.0462	0.00000827	2.71	4.45	0.0443	0.000724	15.7	0.00356	0.0309	0.000252	0.000254	0.000134	0.162	0.00000303	0.000461	0.000524	0.00155	0.0000165
2098 Apr	0.0462	0.00000827	2.71	4.45	0.0443	0.000724	15.7	0.00356	0.0309	0.000252	0.000254	0.000134	0.162	0.00000303	0.000461	0.000524	0.00155	0.0000165
2098 May	0.0464	0.00000829	2.72	4.46	0.0444	0.000724	15.7	0.00356	0.0309	0.000253	0.000254	0.000134	0.162	0.00000303	0.000461	0.000525	0.00155	0.0000165
2098 Jun	0.0466	0.0000083	2.71	4.46	0.0447	0.000723	15.6	0.00356	0.031	0.000256	0.000254	0.000134	0.162	0.00000302	0.000461	0.000528	0.00155	0.0000163
2098 Jul	0.0467	0.00000831	2.72	4.47	0.0448	0.000725	15.6	0.00357	0.0311	0.000256	0.000255	0.000134	0.163	0.00000302	0.000462	0.000529	0.00155	0.0000164
2098 Aug	0.0467	0.00000832	2.72	4.47	0.0448	0.000726	15.6	0.00357	0.0311	0.000256	0.000255	0.000135	0.163	0.00000303	0.000463	0.000529	0.00155	0.0000164
2098 Sep	0.0467	0.00000832	2.72	4.47	0.0448	0.000726	15.6	0.00357	0.0311	0.000256	0.000255	0.000134	0.163	0.00000302	0.000463	0.000529	0.00155	0.0000163
2098 Oct	0.0467	0.00000832	2.72	4.47	0.0448	0.000726	15.6	0.00357	0.0311	0.000257	0.000255	0.000134	0.163	0.00000302	0.000463	0.000529	0.00155	0.0000163
2098 Nov	0.0467	0.00000832	2.72	4.47	0.0448	0.000726	15.6	0.00357	0.0311	0.000257	0.000255	0.000134	0.163	0.00000302	0.000463	0.00053	0.00155	0.0000163
2098 Dec	0.0467	0.00000832	2.72	4.47	0.0448	0.000726	15.6	0.00357	0.0311	0.000257	0.000255	0.000134	0.163	0.00000302	0.000463	0.00053	0.00155	0.0000163
2099 Jan	0.0467	0.00000832	2.72	4.47	0.0448	0.000726	15.6	0.00357	0.0311	0.000257	0.000255	0.000134	0.163	0.00000302	0.000463	0.00053	0.00155	0.0000163
2099 Feb	0.0467	0.00000832	2.72	4.47	0.0448	0.000726	15.6	0.00357	0.0311	0.000257	0.000255	0.000134	0.163	0.00000302	0.000463	0.00053	0.00155	0.0000163
2099 Mar	0.0467	0.00000832	2.72	4.47	0.0448	0.000726	15.6	0.00357	0.0311	0.000257	0.000255	0.000134	0.163	0.00000302	0.000463	0.00053	0.00155	0.0000163
2099 Apr	0.0467	0.00000832	2.72	4.47	0.0448	0.000726	15.6	0.00357	0.0311	0.000257	0.000255	0.000134	0.163	0.00000302	0.000463	0.00053	0.00155	0.0000163
2099 May	0.0468	0.00000833	2.72	4.47	0.0449	0.000726	15.5	0.00357	0.0312	0.000258	0.000255	0.000134	0.163	0.00000301	0.000462	0.000531	0.00155	0.0000162
2099 Jun	0.0469	0.00000833	2.72	4.47	0.045	0.000726	15.5	0.00357	0.0312	0.000258	0.000255	0.000134	0.163	0.00000301	0.000462	0.000531	0.00155	0.0000161
2099 Jul	0.047	0.00000835	2.73	4.48	0.0451	0.000728	15.5	0.00358	0.0312	0.000259	0.000255	0.000135	0.163	0.00000301	0.000464	0.000532	0.00155	0.0000162
2099 Aug	0.047	0.00000836	2.73	4.49	0.0452	0.00073	15.6	0.00359	0.0313	0.000259	0.000256	0.000135	0.163	0.00000302	0.000465	0.000533	0.00155	0.0000162
2099 Sep	0.047	0.00000836	2.73	4.49	0.0452	0.00073	15.6	0.00359	0.0313	0.000259	0.000256	0.000135	0.164	0.00000301	0.000465	0.000533	0.00155	0.0000162
2099 Oct	0.047	0.00000836	2.73	4.49	0.0452	0.00073	15.6	0.00359	0.0313	0.000259	0.000256	0.000135	0.164	0.00000301	0.000465	0.000533	0.00155	0.0000162
2099 Nov	0.047	0.00000836	2.73	4.49	0.0452	0.00073	15.6	0.00359	0.0313	0.000259	0.000256	0.000135	0.164	0.00000301	0.000465	0.000533	0.00155	0.0000162
2099 Dec	0.047	0.00000836	2.73	4.49	0.0452	0.00073	15.6	0.00359	0.0313	0.000259	0.000256	0.000135	0.164	0.00000301	0.000465	0.000533	0.00155	0.0000161
2100 Jan	0.047	0.00000836	2.73	4.49	0.0452	0.00073	15.6	0.00359	0.0313	0.000259	0.000256	0.000135	0.164	0.00000301	0.000465	0.000533	0.00155	0.0000161
2100 Feb	0.047	0.00000836	2.73	4.49	0.0452	0.00073	15.6	0.00359	0.0313	0.000259	0.000256	0.000135	0.164	0.00000301	0.000465	0.000533	0.00155	0.0000161
2100 Mar	0.047	0.00000836	2.73	4.49	0.0452	0.00073	15.6	0.00359	0.0313	0.000259	0.000256	0.000135	0.164	0.00000301	0.000465	0.000533	0.00155	0.0000161
2100 Apr	0.047	0.00000836	2.73	4.49	0.0452	0.00073	15.6	0.00359	0.0313	0.000259	0.000256	0.000135	0.164	0.00000301	0.000465	0.000533	0.00155	0.0000162
2100 May	0.0471	0.00000837	2.73	4.5	0.0453	0.000731	15.6	0.00359	0.0313	0.00026	0.000256	0.000135	0.164	0.00000301	0.000465	0.000534	0.00155	0.0000161
2100 Jun	0.0472	0.00000837	2.73	4.5	0.0454	0.00073	15.5	0.00359	0.0314	0.000261	0.000256	0.000135	0.164	0.000003	0.000465	0.000536	0.00155	0.000016
2100 Jul	0.0473	0.00000838	2.73	4.5	0.0455	0.000731	15.5	0.0036	0.0314	0.000261	0.000256	0.000135	0.164	0.000003	0.000466	0.000536	0.00155	0.000016
2100 Aug	0.0473	0.00000839	2.74	4.51	0.0455	0.000732	15.5	0.0036	0.0314	0.000261	0.000256	0.000135	0.164	0.000003	0.000466	0.000536	0.00155	0.000016
2100 Sep	0.0473	0.00000839	2.74	4.51	0.0455	0.000732	15.5	0.0036	0.0314	0.000262	0.000256	0.000135	0.164	0.000003	0.000467	0.000537	0.00155	0.000016
2100 Oct	0.0473	0.00000839	2.74	4.51	0.0455	0.000733	15.5	0.0036	0.0314	0.000262	0.000256	0.000135	0.164	0.000003	0.000467	0.000537	0.00155	0.000016
2100 Nov	0.0473	0.00000839	2.74	4.51	0.0455	0.000733	15.5	0.0036	0.0314	0.000262	0.000256	0.000135	0.164	0.000003	0.000467	0.000537	0.00155	0.000016
2100 Dec	0.0473	0.00000839	2.74	4.51	0.0455	0.000733	15.5	0.0036	0.0314	0.000262	0.000256	0.000135	0.164	0.000003	0.000467	0.000537	0.00155	0.000016
2101 Jan	0.0473	0.00000839	2.74	4.51	0.0455	0.000733	15.5	0.0036	0.0314	0.000262	0.000256	0.000135	0.164	0.000003	0.000467	0.000537	0.00155	0.000016
2101 Feb	0.0473	0.00000839	2.74	4.51	0.0455	0.000733	15.5	0.0036	0.0314	0.000262	0.000256	0.000135	0.164	0.000003	0.000467	0.000537	0.00155	0.000016
2101 Mar	0.0473	0.00000839	2.74	4.51	0.0455	0.000733	15.5	0.0036	0.0314	0.000262	0.000256	0.000135	0.164	0.000003	0.000467	0.000537	0.00155	0.000016
2101 Apr	0.0473	0.00000839	2.74	4.51	0.0456	0.000733	15.5	0.0036	0.0314	0.000262	0.000257	0.000135	0.164	0.000003	0.000467	0.000537	0.00155	0.000016
2101 May	0.0474	0.0000084	2.74	4.51	0.0456	0.000733	15.5	0.0036	0.0315	0.000262	0.000257	0.000135	0.164	0.000003	0.000467	0.000538	0.00155	0.000016
2101 Jun	0.0475	0.00000841	2.74	4.52	0.0458	0.000733	15.5	0.0036	0.0315	0.000264	0.000257	0.000135	0.164	0.00000299	0.000467	0.000539	0.00155	0.0000159
2101 Jul	0.0476	0.00000842	2.74	4.52	0.0458	0.000734	15.5	0.00361	0.0316	0.000264	0.000257	0.000136	0.165	0.000003	0.000468	0.00054	0.00155	0.0000159
2101 Aug	0.0477	0.00000844	2.75	4.53	0.0459	0.000736	15.5	0.00362	0.0316	0.000265	0.000258	0.000136	0.165	0.000003	0.000469	0.000541	0.00155	0.000016

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.0477	0.00000844	2.75	4.53	0.0459	0.000737	15.5	0.00362	0.0316	0.000265	0.000258	0.000136	0.165	0.000003	0.000469	0.000541	0.00155	0.000016
2101 Oct	0.0477	0.00000844	2.75	4.54	0.0459	0.000737	15.5	0.00362	0.0316	0.000264	0.000258	0.000136	0.165	0.000003	0.00047	0.000541	0.00155	0.000016
2101 Nov	0.0476	0.00000844	2.75	4.53	0.0459	0.000737	15.5	0.00362	0.0316	0.000265	0.000258	0.000136	0.165	0.000003	0.00047	0.000541	0.00155	0.0000159
2101 Dec	0.0477	0.00000844	2.75	4.53	0.0459	0.000737	15.5	0.00362	0.0316	0.000265	0.000258	0.000136	0.165	0.000003	0.00047	0.000541	0.00155	0.0000159
2102 Jan	0.0477	0.00000844	2.75	4.53	0.0459	0.000737	15.5	0.00362	0.0316	0.000265	0.000258	0.000136	0.165	0.000003	0.00047	0.000541	0.00155	0.0000159
2102 Feb	0.0477	0.00000844	2.75	4.53	0.0459	0.000737	15.5	0.00362	0.0316	0.000265	0.000258	0.000136	0.165	0.000003	0.00047	0.000541	0.00155	0.0000159
2102 Mar	0.0477	0.00000844	2.75	4.54	0.0459	0.000737	15.5	0.00362	0.0316	0.000265	0.000258	0.000136	0.165	0.000003	0.00047	0.000541	0.00155	0.0000159
2102 Apr	0.0477	0.00000844	2.75	4.54	0.046	0.000737	15.5	0.00362	0.0316	0.000265	0.000258	0.000136	0.165	0.000003	0.00047	0.000541	0.00155	0.0000159
2102 May	0.0477	0.00000844	2.75	4.54	0.046	0.000737	15.5	0.00362	0.0316	0.000265	0.000258	0.000136	0.165	0.000003	0.00047	0.000541	0.00156	0.0000159
2102 Jun	0.0477	0.00000846	2.75	4.54	0.046	0.000737	15.4	0.00362	0.0317	0.000265	0.000258	0.000136	0.165	0.00000299	0.000469	0.000542	0.00156	0.0000158
2102 Jul	0.0478	0.00000847	2.75	4.54	0.046	0.000737	15.4	0.00363	0.0317	0.000265	0.000259	0.000136	0.165	0.00000299	0.00047	0.000543	0.00156	0.0000158
2102 Aug	0.0478	0.00000848	2.75	4.54	0.0461	0.000738	15.4	0.00363	0.0318	0.000265	0.000259	0.000136	0.165	0.00000299	0.00047	0.000544	0.00156	0.0000158
2102 Sep	0.0478	0.00000849	2.76	4.55	0.0461	0.000739	15.4	0.00363	0.0318	0.000265	0.000259	0.000136	0.165	0.000003	0.000471	0.000544	0.00156	0.0000158
2102 Oct	0.0478	0.00000848	2.75	4.54	0.046	0.000738	15.4	0.00363	0.0318	0.000265	0.000259	0.000136	0.165	0.00000299	0.000471	0.000543	0.00156	0.0000158
2102 Nov	0.0478	0.00000848	2.75	4.54	0.046	0.000738	15.4	0.00363	0.0318	0.000265	0.000259	0.000136	0.165	0.00000299	0.000471	0.000543	0.00156	0.0000158
2102 Dec	0.0478	0.00000848	2.75	4.54	0.046	0.000738	15.4	0.00363	0.0318	0.000265	0.000259	0.000136	0.165	0.00000299	0.000471	0.000543	0.00156	0.0000158
2103 Jan	0.0478	0.00000848	2.75	4.54	0.046	0.000738	15.4	0.00363	0.0318	0.000265	0.000259	0.000136	0.165	0.00000299	0.000471	0.000543	0.00156	0.0000158
2103 Feb	0.0478	0.00000848	2.75	4.54	0.046	0.000738	15.4	0.00363	0.0318	0.000265	0.000259	0.000136	0.165	0.00000299	0.000471	0.000543	0.00156	0.0000158
2103 Mar	0.0478	0.00000848	2.75	4.54	0.046	0.000738	15.4	0.00363	0.0318	0.000265	0.000259	0.000136	0.165	0.00000299	0.000471	0.000543	0.00156	0.0000158
2103 Apr	0.0478	0.00000849	2.75	4.54	0.046	0.000738	15.4	0.00363	0.0318	0.000265	0.000259	0.000136	0.165	0.00000299	0.000471	0.000543	0.00156	0.0000158
2103 May	0.0478	0.00000849	2.75	4.54	0.0461	0.000739	15.4	0.00363	0.0318	0.000265	0.000259	0.000136	0.165	0.00000299	0.000471	0.000544	0.00156	0.0000157
2103 Jun	0.0479	0.0000085	2.75	4.54	0.0461	0.000738	15.3	0.00363	0.0318	0.000266	0.000259	0.000136	0.165	0.00000298	0.00047	0.000545	0.00156	0.0000156
2103 Jul	0.048	0.00000851	2.75	4.55	0.0462	0.000739	15.3	0.00364	0.0319	0.000266	0.000259	0.000136	0.166	0.00000298	0.000471	0.000545	0.00156	0.0000156
2103 Aug	0.048	0.00000852	2.76	4.55	0.0462	0.00074	15.3	0.00364	0.0319	0.000267	0.00026	0.000136	0.166	0.00000298	0.000471	0.000546	0.00156	0.0000156
2103 Sep	0.048	0.00000852	2.76	4.55	0.0462	0.00074	15.3	0.00364	0.0319	0.000267	0.00026	0.000136	0.166	0.00000298	0.000471	0.000546	0.00156	0.0000156
2103 Oct	0.0479	0.00000851	2.75	4.54	0.0462	0.000739	15.3	0.00364	0.0319	0.000266	0.000259	0.000136	0.165	0.00000297	0.000471	0.000545	0.00156	0.0000155
2103 Nov	0.0479	0.00000851	2.75	4.54	0.0462	0.000739	15.3	0.00364	0.0319	0.000266	0.000259	0.000136	0.165	0.00000297	0.000471	0.000545	0.00156	0.0000155
2103 Dec	0.0479	0.00000851	2.75	4.54	0.0462	0.000739	15.3	0.00364	0.0319	0.000266	0.000259	0.000136	0.165	0.00000297	0.000471	0.000545	0.00156	0.0000155
2104 Jan	0.0479	0.00000851	2.75	4.54	0.0462	0.000739	15.3	0.00364	0.0319	0.000266	0.000259	0.000136	0.165	0.00000297	0.000471	0.000545	0.00156	0.0000155
2104 Feb	0.0479	0.00000851	2.75	4.54	0.0462	0.000739	15.3	0.00364	0.0319	0.000266	0.000259	0.000136	0.165	0.00000297	0.000471	0.000545	0.00156	0.0000155
2104 Mar	0.0479	0.00000851	2.75	4.54	0.0462	0.000739	15.3	0.00364	0.0319	0.000266	0.000259	0.000136	0.165	0.00000297	0.000471	0.000545	0.00156	0.0000155
2104 Apr	0.048	0.00000852	2.75	4.54	0.0462	0.000739	15.3	0.00364	0.0319	0.000266	0.000259	0.000136	0.165	0.00000297	0.000471	0.000545	0.00156	0.0000155
2104 May	0.048	0.00000852	2.75	4.54	0.0462	0.000739	15.3	0.00364	0.032	0.000267	0.000259	0.000136	0.165	0.00000297	0.000471	0.000546	0.00156	0.0000155
2104 Jun	0.0481	0.00000852	2.75	4.54	0.0462	0.000739	15.2	0.00363	0.032	0.000267	0.000259	0.000136	0.165	0.00000296	0.00047	0.000546	0.00155	0.0000154
2104 Jul	0.0481	0.00000853	2.75	4.55	0.0463	0.00074	15.2	0.00364	0.032	0.000267	0.00026	0.000136	0.166	0.00000297	0.000471	0.000547	0.00156	0.0000154
2104 Aug	0.0482	0.00000854	2.76	4.55	0.0464	0.000741	15.3	0.00364	0.032	0.000268	0.00026	0.000136	0.166	0.00000297	0.000472	0.000547	0.00156	0.0000154
2104 Sep	0.0481	0.00000854	2.76	4.55	0.0464	0.000741	15.2	0.00364	0.032	0.000268	0.00026	0.000136	0.166	0.00000296	0.000472	0.000547	0.00156	0.0000154
2104 Oct	0.0481	0.00000854	2.76	4.55	0.0464	0.000741	15.2	0.00364	0.032	0.000268	0.00026	0.000136	0.166	0.00000296	0.000472	0.000547	0.00156	0.0000154
2104 Nov	0.0481	0.00000854	2.76	4.55	0.0464	0.000741	15.2	0.00364	0.032	0.000268	0.00026	0.000136	0.166	0.00000296	0.000472	0.000547	0.00156	0.0000154
2104 Dec	0.0481	0.00000854	2.76	4.55	0.0464	0.000741	15.2	0.00364	0.032	0.000268	0.00026	0.000136	0.166	0.00000296	0.000472	0.000547	0.00156	0.0000154
2105 Jan	0.0481	0.00000854	2.76	4.55	0.0464	0.000741	15.2	0.00364	0.032	0.000268	0.00026	0.000136	0.166	0.00000296	0.000472	0.000547	0.00156	0.0000154
2105 Feb	0.0481	0.00000854	2.76	4.55	0.0464	0.000741	15.2	0.00364	0.032	0.000268	0.00026	0.000136	0.166	0.00000296	0.000472	0.000547	0.00156	0.0000154
2105 Mar	0.0481	0.00000854	2.76	4.55	0.0464	0.000741	15.2	0.00364	0.032	0.000268	0.00026	0.000136	0.166	0.00000296	0.000472	0.000547	0.00156	0.0000154
2105 Apr	0.0482	0.00000854	2.76	4.55	0.0464	0.000741	15.2	0.00364	0.032	0.000268	0.00026	0.000136	0.166	0.00000296	0.000472	0.000547	0.00156	0.0000154
2105 May	0.0482	0.00000855	2.76	4.55	0.0464	0.000741	15.2	0.00364	0.0321	0.000268	0.00026	0.000136	0.166	0.00000296	0.000472	0.000548	0.00156	0.0000154
2105 Jun	0.0483	0.00000856	2.76	4.55	0.0465	0.000742	15.2	0.00365	0.0321	0.000269	0.00026	0.000136	0.166	0.00000296	0.000472	0.000548	0.00156	0.0000153
2105 Jul	0.0483	0.00000857	2.76	4.56	0.0465	0.000743	15.2	0.00365	0.0321	0.000269	0.00026	0.000137	0.166	0.00000296	0.000473	0.000549	0.00156	0.0000153
2105 Aug	0.0483	0.00000857	2.76	4.56	0.0466	0.000744	15.2	0.00365	0.0321	0.000269	0.00026	0.000137	0.166	0.00000296	0.000474	0.000549	0.00156	0.0000153
2105 Sep	0.0483	0.00000857	2.76	4.56	0.0466	0.000744	15.2	0.00365	0.0322	0.000269	0.00026	0.000137	0.166	0.00000296	0.000474	0.000549	0.00156	0.0000153
2105 Oct	0.0483	0.00000857	2.76	4.56	0.0466	0.000744	15.2	0.00365	0.0321	0.000269	0.00026	0.000137	0.166	0.00000296	0.000474	0.000549	0.00156	0.0000153
2105 Nov	0.0483	0.00000857	2.76	4.56	0.0466	0.000744	15.2	0.00365	0.0321	0.000269	0.00026	0.000137	0.166	0.00000295	0.000474	0.000549	0.00156	0.0000152
2105 Dec	0.0483	0.00000857	2.76	4.56	0.0466	0.000744	15.2	0.00365	0.0321	0.000269	0.00026	0.000137	0.166	0.00000295	0.000474	0.000549	0.00156	0.0000152
2106 Jan	0.0483	0.00000857	2.76	4.56	0.0466	0.000744	15.2	0.00365	0.0321	0.000269	0.00026	0.000137	0.166	0.00000295	0.000474	0.000549	0.00156	0.0000152
2106 Feb	0.0483	0.00000857	2.76	4.56	0.0466	0.000744	15.2	0.00365	0.0321	0.000269	0.00026	0.000137	0.166	0.00000295	0.000474	0.000549	0.00156	0.0000152
2106 Mar	0.0483	0.00000857	2.76	4.56	0.0466	0.000744	15.2	0.00365	0.0321	0.000269	0.00026	0.000137	0.166	0.00000295	0.000474	0.000549	0.00156	0.0000152
2106 Apr	0.0483	0.00000857	2.76	4.56	0.0466	0.000744	15.2	0.00365	0.0321	0.000269	0.00026	0.000137	0.166	0.00000295	0.000474	0.000549	0.00156	0.0000152
2106 May	0.0484	0.00000858	2.76	4.57	0.0466	0.000745	15.2	0.00366	0.0322	0.000269	0.00026	0.000137	0.166	0.00000296	0.000474	0.000549	0.00156	0.0000152
2106 Jun	0.0484	0.00000858	2.76	4.56	0.0467	0.000744	15.1	0.00365	0.0322	0.00027	0.00026	0.000137	0.166	0.00000294	0.000474	0.00055	0.00155	0.0000151
2106 Jul	0.0485	0.0000086	2.76	4.57	0.0467	0.000746	15.1	0.00366	0.0323	0.000271	0.000261	0.000137	0.167	0.00000295	0.000475	0.000551	0.00156	0.0000151
2106 Aug	0.0485	0.0000086	2.77	4.57	0.0468	0.000746	15.1	0.00366	0.0323	0.000271	0.000261	0.000137	0.167	0.00000295	0.000475	0.000551	0.00156	0.0000151
2106 Sep	0.0485	0.0000086	2.77	4.57	0.0468	0.000746	15.1	0.00366	0.0323	0.000271	0.000261	0.000137	0.167	0.00000294	0.000475	0.000551	0.00156	0.0000151
2106 Oct	0.0485	0.00000861	2.77	4.57	0.0468	0.000747	15.1	0.00366	0.0323	0.000271	0.000261	0.000137	0.167	0.00000294	0.000475	0.000551	0.00156	0.0000151
2106 Nov	0.0485	0.00000861	2.77	4.57	0.0468	0.000747	15.1	0.00366	0.0323	0.000271	0.000261	0.000137	0.167	0.00000294	0.000476	0.000551	0.00156	0.0000151
2106 Dec	0.0485	0.00000861	2.77	4.57	0.0468	0.000747	15.1	0.00366	0.0323	0.000271	0.000261	0.000137	0.167	0.00000294	0.000476	0.000551	0.00156	0.0000151
2107 Jan	0.0485	0.00000861	2.77	4.57	0.0468	0.000747	15.1	0.00366	0.0323	0.000271	0.000261	0.000137	0.167	0.00000294	0.000476	0.000551	0.00156	0.0000151
2107 Feb	0.0485	0.00000861	2.77	4.57	0.0468	0.000747	15.1	0.00366	0.0323	0.000271	0.000261	0.000137	0.167	0.00000294	0.000476	0.000551	0.00156	0.0000151
2107 Mar	0.0485	0.00000861	2.77	4.57	0.0468	0.000747	15.1	0.00366	0.0323	0.000271	0.000261	0.000137	0.167	0.00000294	0.000476	0.000551	0.00156	0.0000151
2107 Apr	0.0485	0.00000861	2.77	4.57	0.0468	0.000747	15.1	0.00366	0.0323	0.000271	0.000261	0.000137	0.167	0.00000294	0.000476	0.000551	0.00156	0.0000151
2107 May	0.0485	0.00000861	2.77	4.57	0.0468	0.000747	15.1	0.00367	0.0323	0.000271	0.000261	0.000137	0.167	0.00000294	0.000476	0.000551	0.00156	0.0000151
2107 Jun	0.0486	0.00000862	2.76	4.57	0.0469	0.000747	15.1	0.00367	0.0324	0.000271	0.000261	0.000137	0.167	0.00000294	0.000475	0.000552	0.00156	0.000015
2107 Jul	0.0487	0.00000863	2.77	4.58	0.0469	0.000748	15.1	0.00367	0.0324	0.000272	0.000261	0.000137	0.167	0.00000294	0.000476	0.000552	0.00156	0.000015
2107 Aug	0.0487	0.00000864	2.77	4.59	0.047	0.000749	15.1	0.00368	0.0324	0.000272	0.000262	0.000137	0.167	0.00000294	0.000477	0.000553	0.00156	0.000015
2107 Sep	0.0487	0.00000865	2.78	4.59	0.047	0.00075	15.1	0.00368	0.0324	0.000272	0.000262	0.000137	0.167	0.00000294	0.000478	0.000553	0.00156	0.000015
2107 Oct	0.0487	0.00000865	2.78	4.59	0.047	0.00075	15.1	0.00368	0.0324	0.000272	0.000262	0.000137	0.167	0.00000294	0.000478	0.000553	0.00156	0.000015
2107 Nov	0.0487	0.00000865	2.78	4.59	0.047	0.00075	15.1	0.00368	0.0324	0.000272	0.000262	0.000137	0.167	0.00000294	0.000478	0.000553	0.00156	0.000015
2107 Dec	0.0487	0.00000865	2.78	4.59	0.047	0.00075	15.1	0.00368	0.0324	0.000272	0.000262	0.000137	0.167	0.00000294	0.000478	0.000553	0.00156	0.000015
2108 Jan	0.0487	0.00000865	2.78	4.59	0.047	0.00075	15.1	0.00368	0.0324	0.000272	0.000262	0.000137	0.167	0.00000294	0.000478	0.000553	0.00156	0.000015

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0487	0.00000865	2.78	4.59	0.047	0.00075	15.1	0.00368	0.0324	0.000272	0.000262	0.000137	0.167	0.00000294	0.000478	0.000553	0.00156	0.000015
2108 Mar	0.0487	0.00000865	2.78	4.59	0.047	0.00075	15.1	0.00368	0.0324	0.000272	0.000262	0.000137	0.167	0.00000294	0.000478	0.000553	0.00156	0.000015
2108 Apr	0.0488	0.00000865	2.78	4.59	0.047	0.00075	15.1	0.00368	0.0325	0.000272	0.000262	0.000137	0.167	0.00000294	0.000478	0.000554	0.00156	0.000015
2108 May	0.0488	0.00000866	2.78	4.59	0.0471	0.000751	15.1	0.00368	0.0325	0.000272	0.000262	0.000137	0.168	0.00000295	0.000478	0.000554	0.00156	0.000015
2108 Jun	0.0489	0.00000867	2.78	4.6	0.0471	0.000751	15.1	0.00369	0.0325	0.000273	0.000262	0.000137	0.168	0.00000294	0.000478	0.000555	0.00156	0.000015
2108 Jul	0.049	0.00000869	2.78	4.61	0.0472	0.000752	15.1	0.00369	0.0326	0.000274	0.000263	0.000138	0.168	0.00000295	0.000479	0.000556	0.00156	0.000015
2108 Aug	0.0491	0.0000087	2.79	4.62	0.0473	0.000754	15.1	0.0037	0.0327	0.000274	0.000264	0.000138	0.168	0.00000295	0.00048	0.000557	0.00157	0.000015
2108 Sep	0.0491	0.00000871	2.79	4.62	0.0473	0.000755	15.1	0.0037	0.0327	0.000274	0.000264	0.000138	0.168	0.00000295	0.000481	0.000557	0.00157	0.000015
2108 Oct	0.049	0.0000087	2.79	4.61	0.0473	0.000755	15.1	0.0037	0.0326	0.000274	0.000264	0.000138	0.168	0.00000295	0.000481	0.000557	0.00157	0.000015
2108 Nov	0.049	0.00000871	2.79	4.61	0.0473	0.000755	15.1	0.0037	0.0327	0.000274	0.000264	0.000138	0.168	0.00000295	0.000481	0.000557	0.00157	0.000015
2108 Dec	0.049	0.00000871	2.79	4.61	0.0473	0.000755	15.1	0.0037	0.0327	0.000274	0.000264	0.000138	0.168	0.00000295	0.000481	0.000557	0.00157	0.000015
2109 Jan	0.049	0.00000871	2.79	4.61	0.0473	0.000755	15.1	0.0037	0.0327	0.000274	0.000264	0.000138	0.168	0.00000295	0.000481	0.000557	0.00157	0.000015
2109 Feb	0.049	0.00000871	2.79	4.61	0.0473	0.000755	15.1	0.0037	0.0327	0.000274	0.000264	0.000138	0.168	0.00000295	0.000481	0.000557	0.00157	0.000015
2109 Mar	0.049	0.00000871	2.79	4.61	0.0473	0.000755	15.1	0.0037	0.0327	0.000274	0.000264	0.000138	0.168	0.00000295	0.000481	0.000557	0.00157	0.000015
2109 Apr	0.049	0.00000871	2.79	4.62	0.0473	0.000755	15.1	0.0037	0.0327	0.000274	0.000264	0.000138	0.168	0.00000295	0.000481	0.000557	0.00157	0.000015
2109 May	0.0491	0.00000872	2.79	4.62	0.0474	0.000755	15.1	0.0037	0.0327	0.000274	0.000264	0.000138	0.168	0.00000295	0.000481	0.000558	0.00157	0.0000149
2109 Jun	0.0492	0.00000873	2.79	4.62	0.0474	0.000755	15.1	0.00371	0.0328	0.000275	0.000264	0.000138	0.169	0.00000295	0.000481	0.000559	0.00157	0.0000149
2109 Jul	0.0493	0.00000874	2.8	4.63	0.0475	0.000757	15.1	0.00371	0.0328	0.000275	0.000264	0.000138	0.169	0.00000295	0.000482	0.00056	0.00157	0.0000149
2109 Aug	0.0494	0.00000876	2.8	4.63	0.0476	0.000758	15.1	0.00372	0.0329	0.000276	0.000265	0.000139	0.169	0.00000295	0.000483	0.000561	0.00157	0.0000149
2109 Sep	0.0494	0.00000876	2.8	4.64	0.0476	0.000758	15.1	0.00372	0.0329	0.000276	0.000265	0.000139	0.169	0.00000295	0.000483	0.000561	0.00157	0.0000149
2109 Oct	0.0494	0.00000876	2.8	4.63	0.0476	0.000758	15.1	0.00372	0.0329	0.000276	0.000265	0.000138	0.169	0.00000295	0.000483	0.00056	0.00157	0.0000148
2109 Nov	0.0494	0.00000876	2.8	4.63	0.0476	0.000758	15.1	0.00372	0.0329	0.000276	0.000265	0.000138	0.169	0.00000295	0.000483	0.00056	0.00157	0.0000148
2109 Dec	0.0494	0.00000876	2.8	4.63	0.0476	0.000758	15.1	0.00372	0.0329	0.000276	0.000265	0.000138	0.169	0.00000295	0.000483	0.000561	0.00157	0.0000148
2110 Jan	0.0494	0.00000876	2.8	4.63	0.0476	0.000758	15.1	0.00372	0.0329	0.000276	0.000265	0.000138	0.169	0.00000295	0.000483	0.000561	0.00157	0.0000148
2110 Feb	0.0494	0.00000876	2.8	4.63	0.0476	0.000758	15.1	0.00372	0.0329	0.000276	0.000265	0.000138	0.169	0.00000295	0.000483	0.000561	0.00157	0.0000148
2110 Mar	0.0494	0.00000876	2.8	4.63	0.0476	0.000758	15.1	0.00372	0.0329	0.000276	0.000265	0.000138	0.169	0.00000295	0.000483	0.000561	0.00157	0.0000148
2110 Apr	0.0494	0.00000877	2.8	4.64	0.0476	0.000758	15.1	0.00372	0.0329	0.000276	0.000265	0.000138	0.169	0.00000295	0.000483	0.000561	0.00157	0.0000148
2110 May	0.0494	0.00000877	2.8	4.64	0.0476	0.000759	15.1	0.00372	0.0329	0.000276	0.000265	0.000139	0.169	0.00000295	0.000483	0.000561	0.00157	0.0000148
2110 Jun	0.0496	0.00000878	2.8	4.64	0.0478	0.000759	15	0.00372	0.033	0.000278	0.000265	0.000139	0.169	0.00000294	0.000482	0.000563	0.00157	0.0000147
2110 Jul	0.0496	0.0000088	2.8	4.65	0.0479	0.00076	15	0.00373	0.0331	0.000278	0.000265	0.000139	0.169	0.00000294	0.000483	0.000563	0.00157	0.0000147
2110 Aug	0.0497	0.0000088	2.8	4.65	0.0479	0.000759	15	0.00373	0.0331	0.000279	0.000265	0.000139	0.169	0.00000293	0.000483	0.000564	0.00157	0.0000146
2110 Sep	0.0496	0.00000879	2.8	4.64	0.0478	0.000759	14.9	0.00372	0.033	0.000278	0.000265	0.000138	0.169	0.00000292	0.000482	0.000562	0.00157	0.0000146
2110 Oct	0.0495	0.00000878	2.79	4.63	0.0477	0.000758	14.9	0.00372	0.033	0.000278	0.000264	0.000138	0.169	0.00000292	0.000482	0.000561	0.00156	0.0000145
2110 Nov	0.0495	0.00000878	2.79	4.63	0.0477	0.000758	14.9	0.00372	0.033	0.000278	0.000264	0.000138	0.169	0.00000292	0.000482	0.000561	0.00156	0.0000145
2110 Dec	0.0495	0.00000878	2.79	4.63	0.0477	0.000758	14.9	0.00372	0.033	0.000278	0.000264	0.000138	0.169	0.00000292	0.000482	0.000561	0.00156	0.0000145
2111 Jan	0.0495	0.00000878	2.79	4.63	0.0477	0.000758	14.9	0.00372	0.033	0.000278	0.000264	0.000138	0.169	0.00000292	0.000482	0.000561	0.00156	0.0000145
2111 Feb	0.0495	0.00000878	2.79	4.63	0.0477	0.000758	14.9	0.00372	0.033	0.000278	0.000264	0.000138	0.169	0.00000292	0.000482	0.000561	0.00156	0.0000145
2111 Mar	0.0495	0.00000878	2.79	4.63	0.0477	0.000758	14.9	0.00372	0.033	0.000278	0.000264	0.000138	0.169	0.00000292	0.000482	0.000561	0.00156	0.0000145
2111 Apr	0.0495	0.00000878	2.79	4.63	0.0477	0.000758	14.9	0.00372	0.033	0.000278	0.000264	0.000138	0.169	0.00000292	0.000482	0.000561	0.00156	0.0000145
2111 May	0.0496	0.00000879	2.79	4.63	0.0478	0.000759	14.9	0.00372	0.0331	0.000278	0.000264	0.000138	0.169	0.00000292	0.000482	0.000562	0.00156	0.0000145
2111 Jun	0.0496	0.00000879	2.79	4.63	0.0478	0.000758	14.8	0.00371	0.0331	0.000278	0.000264	0.000138	0.169	0.00000291	0.000481	0.000562	0.00156	0.0000144
2111 Jul	0.0497	0.00000881	2.79	4.64	0.0479	0.000759	14.9	0.00372	0.0332	0.000279	0.000264	0.000138	0.169	0.00000291	0.000482	0.000563	0.00156	0.0000144
2111 Aug	0.0498	0.00000881	2.8	4.64	0.0479	0.00076	14.9	0.00372	0.0332	0.000279	0.000265	0.000138	0.169	0.00000291	0.000483	0.000563	0.00156	0.0000144
2111 Sep	0.0498	0.00000882	2.8	4.64	0.048	0.00076	14.8	0.00372	0.0332	0.000279	0.000265	0.000138	0.169	0.00000291	0.000483	0.000564	0.00156	0.0000144
2111 Oct	0.0498	0.00000882	2.8	4.64	0.0479	0.00076	14.8	0.00372	0.0332	0.000279	0.000264	0.000138	0.169	0.00000291	0.000483	0.000563	0.00156	0.0000144
2111 Nov	0.0497	0.00000881	2.79	4.64	0.0479	0.00076	14.8	0.00372	0.0332	0.000279	0.000264	0.000138	0.169	0.0000029	0.000482	0.000563	0.00156	0.0000143
2111 Dec	0.0497	0.00000881	2.79	4.64	0.0479	0.00076	14.8	0.00372	0.0332	0.000279	0.000264	0.000138	0.169	0.0000029	0.000482	0.000563	0.00156	0.0000143
2112 Jan	0.0497	0.00000881	2.79	4.64	0.0479	0.00076	14.8	0.00372	0.0332	0.000279	0.000264	0.000138	0.169	0.0000029	0.000482	0.000563	0.00156	0.0000143
2112 Feb	0.0497	0.00000881	2.79	4.64	0.0479	0.00076	14.8	0.00372	0.0332	0.000279	0.000264	0.000138	0.169	0.0000029	0.000482	0.000563	0.00156	0.0000143
2112 Mar	0.0497	0.00000881	2.79	4.64	0.0479	0.00076	14.8	0.00372	0.0332	0.000279	0.000264	0.000138	0.169	0.0000029	0.000482	0.000563	0.00156	0.0000143
2112 Apr	0.0498	0.00000882	2.79	4.64	0.0479	0.00076	14.8	0.00372	0.0332	0.000279	0.000264	0.000138	0.169	0.0000029	0.000482	0.000563	0.00156	0.0000143
2112 May	0.0498	0.00000882	2.8	4.64	0.048	0.00076	14.8	0.00373	0.0332	0.00028	0.000264	0.000138	0.169	0.0000029	0.000483	0.000564	0.00156	0.0000143
2112 Jun	0.0499	0.00000882	2.79	4.64	0.0481	0.000759	14.7	0.00372	0.0332	0.000281	0.000264	0.000138	0.169	0.00000289	0.000481	0.000564	0.00156	0.0000142
2112 Jul	0.0499	0.00000883	2.79	4.64	0.0481	0.00076	14.7	0.00372	0.0333	0.000281	0.000264	0.000138	0.169	0.00000289	0.000482	0.000565	0.00156	0.0000142
2112 Aug	0.05	0.00000884	2.8	4.65	0.0482	0.000761	14.7	0.00373	0.0333	0.000281	0.000265	0.000138	0.17	0.00000289	0.000483	0.000566	0.00156	0.0000142
2112 Sep	0.05	0.00000884	2.8	4.65	0.0482	0.000762	14.7	0.00373	0.0333	0.000282	0.000265	0.000139	0.17	0.00000289	0.000483	0.000566	0.00156	0.0000142
2112 Oct	0.05	0.00000884	2.8	4.65	0.0482	0.000762	14.7	0.00373	0.0333	0.000282	0.000265	0.000139	0.17	0.00000289	0.000483	0.000566	0.00156	0.0000142
2112 Nov	0.05	0.00000885	2.8	4.65	0.0482	0.000762	14.7	0.00373	0.0333	0.000282	0.000265	0.000139	0.17	0.00000289	0.000483	0.000566	0.00156	0.0000142
2112 Dec	0.05	0.00000885	2.8	4.65	0.0482	0.000762	14.7	0.00373	0.0333	0.000282	0.000265	0.000139	0.17	0.00000289	0.000483	0.000566	0.00156	0.0000142
2113 Jan	0.05	0.00000885	2.8	4.65	0.0482	0.000762	14.7	0.00373	0.0333	0.000282	0.000265	0.000139	0.17	0.00000289	0.000483	0.000566	0.00156	0.0000142
2113 Feb	0.05	0.00000885	2.8	4.65	0.0482	0.000762	14.7	0.00373	0.0333	0.000282	0.000265	0.000139	0.17	0.00000289	0.000483	0.000566	0.00156	0.0000142
2113 Mar	0.05	0.00000885	2.8	4.65	0.0482	0.000762	14.7	0.00373	0.0333	0.000282	0.000265	0.000139	0.17	0.00000289	0.000484	0.000566	0.00156	0.0000142
2113 Apr	0.05	0.00000885	2.8	4.65	0.0482	0.000762	14.7	0.00373	0.0333	0.000282	0.000265	0.000139	0.17	0.00000289	0.000484	0.000566	0.00156	0.0000142
2113 May	0.0501	0.00000886	2.8	4.66	0.0483	0.000763	14.7	0.00374	0.0334	0.000282	0.000265	0.000139	0.17	0.00000289	0.000484	0.000567	0.00156	0.0000142
2113 Jun	0.0502	0.00000887	2.8	4.66	0.0484	0.000763	14.7	0.00374	0.0334	0.000283	0.000265	0.000139	0.17	0.00000289	0.000484	0.000568	0.00156	0.0000141
2113 Jul	0.0503	0.00000888	2.81	4.67	0.0485	0.000765	14.7	0.00375	0.0335	0.000284	0.000266	0.000139	0.17	0.00000289	0.000485	0.000569	0.00156	0.0000141
2113 Aug	0.0503	0.00000889	2.81	4.68	0.0486	0.000766	14.7	0.00375	0.0335	0.000284	0.000266	0.000139	0.171	0.0000029	0.000486	0.00057	0.00157	0.0000141
2113 Sep	0.0503	0.00000889	2.81	4.68	0.0486	0.000766	14.7	0.00375	0.0335	0.000284	0.000266	0.000139	0.171	0.0000029	0.000486	0.00057	0.00157	0.0000141
2113 Oct	0.0503	0.00000889	2.81	4.67	0.0486	0.000766	14.7	0.00375	0.0335	0.000284	0.000266	0.000139	0.171	0.00000289	0.000486	0.00057	0.00156	0.0000141
2113 Nov	0.0503	0.00000889	2.81	4.67	0.0486	0.000766	14.7	0.00375	0.0335	0.000284	0.000266	0.000139	0.171	0.00000289	0.000486	0.00057	0.00156	0.000014
2113 Dec	0.0503	0.00000889	2.81	4.67	0.0486	0.000766	14.7	0.00375	0.0335	0.000284	0.000266	0.000139	0.171	0.00000289	0.000486	0.00057	0.00156	0.000014
2114 Jan	0.0503	0.00000889	2.81	4.68	0.0486	0.000766	14.7	0.00375	0.0335	0.000284	0.000266	0.000139	0.171	0.00000289	0.000486	0.00057	0.00156	0.000014
2114 Feb	0.0503	0.00000889	2.81	4.68	0.0486	0.000766	14.7	0.00375	0.0335	0.000284	0.000266	0.000139	0.171	0.00000289	0.000486	0.00057	0.00156	0.000014
2114 Mar	0.0503	0.00000889	2.81	4.68	0.0486	0.000766	14.7	0.00375	0.0335	0.000284	0.000266	0.000139	0.171	0.00000289	0.000486	0.00057	0.00156	0.000014
2114 Apr	0.0503	0.00000889	2.81	4.68	0.0486	0.000766	14.7	0.00375	0.0335	0.000284	0.000266	0.000139	0.171	0.00000289	0.000486	0.00057	0.00156	0.000014
2114 May	0.0504	0.0000089	2.81	4.68	0.0486	0.000767	14.7	0.00376	0.0335	0.000285	0.000266	0.000139	0.171	0.00000289	0.000486	0.00057	0.00156	0.000014
2114 Jun	0.0505	0.00000891	2.81	4.69	0.0487	0.000768	14.7	0.00376	0.0336	0.000285	0.000266	0.000139	0.171	0.00000288	0.000486	0.000571	0.00156	0.000014

Appendix D.2-15: TIRI04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.0506	0.00000893	2.82	4.7	0.0488	0.00077	14.7	0.00377	0.0337	0.000286	0.000267	0.00014	0.171	0.00000289	0.000488	0.000573	0.00157	0.000014
2114 Aug	0.0507	0.00000895	2.83	4.71	0.0489	0.000771	14.7	0.00378	0.0337	0.000286	0.000268	0.00014	0.172	0.0000029	0.000489	0.000574	0.00157	0.000014
2114 Sep	0.0507	0.00000895	2.83	4.71	0.0489	0.000772	14.7	0.00378	0.0337	0.000286	0.000268	0.00014	0.172	0.00000289	0.000489	0.000574	0.00157	0.000014
2114 Oct	0.0506	0.00000895	2.83	4.71	0.049	0.000772	14.7	0.00378	0.0337	0.000286	0.000268	0.00014	0.172	0.00000289	0.00049	0.000574	0.00157	0.000014
2114 Nov	0.0507	0.00000895	2.83	4.71	0.049	0.000772	14.7	0.00378	0.0337	0.000286	0.000268	0.00014	0.172	0.00000289	0.00049	0.000574	0.00157	0.000014
2114 Dec	0.0507	0.00000895	2.83	4.71	0.049	0.000772	14.7	0.00378	0.0337	0.000287	0.000268	0.00014	0.172	0.00000289	0.00049	0.000574	0.00157	0.000014
2115 Jan	0.0507	0.00000895	2.83	4.71	0.049	0.000772	14.7	0.00378	0.0337	0.000287	0.000268	0.00014	0.172	0.00000289	0.00049	0.000574	0.00157	0.000014
2115 Feb	0.0507	0.00000895	2.83	4.71	0.049	0.000772	14.7	0.00378	0.0337	0.000287	0.000268	0.00014	0.172	0.00000289	0.00049	0.000574	0.00157	0.000014
2115 Mar	0.0507	0.00000895	2.83	4.71	0.049	0.000772	14.7	0.00378	0.0337	0.000287	0.000268	0.00014	0.172	0.00000289	0.00049	0.000574	0.00157	0.000014
2115 Apr	0.0507	0.00000895	2.83	4.71	0.049	0.000772	14.7	0.00378	0.0337	0.000287	0.000268	0.00014	0.172	0.00000289	0.00049	0.000574	0.00157	0.000014
2115 May	0.0507	0.00000896	2.83	4.71	0.049	0.000773	14.7	0.00379	0.0337	0.000287	0.000268	0.00014	0.172	0.00000289	0.00049	0.000574	0.00157	0.0000139
2115 Jun	0.0508	0.00000897	2.83	4.72	0.0491	0.000774	14.7	0.00379	0.0338	0.000287	0.000268	0.00014	0.172	0.00000289	0.000491	0.000575	0.00157	0.0000139
2115 Jul	0.0509	0.00000899	2.84	4.73	0.0492	0.000776	14.7	0.0038	0.0339	0.000288	0.000269	0.000141	0.172	0.00000289	0.000492	0.000576	0.00157	0.000014
2115 Aug	0.0509	0.00000899	2.84	4.73	0.0492	0.000777	14.7	0.0038	0.0339	0.000288	0.000269	0.000141	0.173	0.00000289	0.000492	0.000576	0.00157	0.000014
2115 Sep	0.0509	0.000009	2.84	4.73	0.0492	0.000777	14.7	0.0038	0.0339	0.000288	0.000269	0.000141	0.173	0.00000289	0.000493	0.000576	0.00157	0.0000139
2115 Oct	0.0509	0.000009	2.84	4.73	0.0492	0.000778	14.7	0.00381	0.0339	0.000288	0.000269	0.000141	0.173	0.00000289	0.000493	0.000576	0.00157	0.0000139
2115 Nov	0.0509	0.000009	2.84	4.73	0.0492	0.000778	14.7	0.00381	0.0339	0.000288	0.000269	0.000141	0.173	0.00000289	0.000493	0.000576	0.00157	0.0000139
2115 Dec	0.0509	0.000009	2.84	4.73	0.0493	0.000778	14.7	0.00381	0.0339	0.000288	0.000269	0.000141	0.173	0.00000289	0.000493	0.000576	0.00157	0.0000139
2116 Jan	0.0509	0.000009	2.84	4.74	0.0493	0.000778	14.7	0.00381	0.0339	0.000288	0.000269	0.000141	0.173	0.00000289	0.000493	0.000576	0.00157	0.0000139
2116 Feb	0.0509	0.000009	2.84	4.74	0.0493	0.000778	14.7	0.00381	0.0339	0.000288	0.000269	0.000141	0.173	0.00000289	0.000493	0.000577	0.00157	0.0000139
2116 Mar	0.0509	0.000009	2.84	4.74	0.0493	0.000778	14.7	0.00381	0.0339	0.000288	0.000269	0.000141	0.173	0.00000289	0.000493	0.000577	0.00157	0.0000139
2116 Apr	0.0509	0.000009	2.84	4.74	0.0493	0.000778	14.7	0.00381	0.0339	0.000288	0.000269	0.000141	0.173	0.00000289	0.000493	0.000577	0.00157	0.0000139
2116 May	0.051	0.00000901	2.84	4.74	0.0493	0.000779	14.7	0.00381	0.0339	0.000289	0.000269	0.000141	0.173	0.00000289	0.000494	0.000577	0.00157	0.0000139
2116 Jun	0.0511	0.00000902	2.84	4.75	0.0495	0.000779	14.6	0.00382	0.034	0.00029	0.00027	0.000141	0.173	0.00000288	0.000493	0.000579	0.00157	0.0000138
2116 Jul	0.0512	0.00000904	2.85	4.76	0.0496	0.000781	14.7	0.00383	0.034	0.000291	0.00027	0.000141	0.173	0.00000289	0.000495	0.00058	0.00157	0.0000138
2116 Aug	0.0513	0.00000905	2.86	4.77	0.0497	0.000783	14.7	0.00383	0.0341	0.000291	0.000271	0.000142	0.174	0.00000289	0.000496	0.000581	0.00158	0.0000138
2116 Sep	0.0513	0.00000905	2.85	4.77	0.0497	0.000783	14.7	0.00383	0.0341	0.000291	0.000271	0.000142	0.174	0.00000289	0.000496	0.000581	0.00158	0.0000138
2116 Oct	0.0513	0.00000905	2.85	4.76	0.0497	0.000783	14.6	0.00383	0.0341	0.000291	0.00027	0.000141	0.174	0.00000288	0.000496	0.000581	0.00157	0.0000138
2116 Nov	0.0513	0.00000905	2.85	4.77	0.0497	0.000783	14.6	0.00383	0.0341	0.000291	0.00027	0.000141	0.174	0.00000288	0.000496	0.000581	0.00157	0.0000138
2116 Dec	0.0513	0.00000905	2.85	4.77	0.0497	0.000783	14.6	0.00383	0.0341	0.000291	0.00027	0.000141	0.174	0.00000288	0.000496	0.000581	0.00157	0.0000138
2117 Jan	0.0513	0.00000905	2.85	4.77	0.0497	0.000783	14.6	0.00383	0.0341	0.000291	0.00027	0.000141	0.174	0.00000288	0.000496	0.000581	0.00157	0.0000138
2117 Feb	0.0513	0.00000905	2.85	4.77	0.0497	0.000783	14.6	0.00383	0.0341	0.000291	0.00027	0.000141	0.174	0.00000288	0.000496	0.000581	0.00157	0.0000138
2117 Mar	0.0513	0.00000905	2.85	4.77	0.0497	0.000783	14.6	0.00383	0.0341	0.000291	0.000271	0.000141	0.174	0.00000288	0.000496	0.000581	0.00157	0.0000138
2117 Apr	0.0513	0.00000906	2.85	4.77	0.0497	0.000783	14.6	0.00383	0.0341	0.000291	0.000271	0.000141	0.174	0.00000288	0.000496	0.000581	0.00158	0.0000138
2117 May	0.0513	0.00000906	2.86	4.77	0.0498	0.000783	14.7	0.00384	0.0341	0.000292	0.000271	0.000142	0.174	0.00000288	0.000496	0.000582	0.00158	0.0000138
2117 Jun	0.0514	0.00000907	2.86	4.77	0.0498	0.000784	14.6	0.00384	0.0342	0.000292	0.000271	0.000142	0.174	0.00000288	0.000496	0.000583	0.00158	0.0000137
2117 Jul	0.0515	0.00000909	2.86	4.78	0.0499	0.000786	14.7	0.00385	0.0342	0.000293	0.000271	0.000142	0.174	0.00000289	0.000498	0.000584	0.00158	0.0000138
2117 Aug	0.0516	0.0000091	2.87	4.79	0.05	0.000787	14.7	0.00385	0.0343	0.000293	0.000272	0.000142	0.175	0.00000289	0.000499	0.000584	0.00158	0.0000138
2117 Sep	0.0516	0.00000911	2.87	4.79	0.05	0.000788	14.7	0.00386	0.0343	0.000293	0.000272	0.000142	0.175	0.00000289	0.000499	0.000585	0.00158	0.0000138
2117 Oct	0.0516	0.00000911	2.87	4.79	0.05	0.000788	14.7	0.00386	0.0343	0.000293	0.000272	0.000142	0.175	0.00000289	0.000499	0.000584	0.00158	0.0000138
2117 Nov	0.0516	0.0000091	2.87	4.79	0.05	0.000788	14.7	0.00386	0.0343	0.000293	0.000272	0.000142	0.175	0.00000289	0.000499	0.000584	0.00158	0.0000138
2117 Dec	0.0516	0.0000091	2.87	4.79	0.05	0.000788	14.7	0.00386	0.0343	0.000293	0.000272	0.000142	0.175	0.00000289	0.000499	0.000584	0.00158	0.0000138
2118 Jan	0.0516	0.0000091	2.87	4.79	0.05	0.000788	14.7	0.00386	0.0343	0.000293	0.000272	0.000142	0.175	0.00000289	0.000499	0.000584	0.00158	0.0000138
2118 Feb	0.0516	0.00000911	2.87	4.79	0.05	0.000788	14.7	0.00386	0.0343	0.000293	0.000272	0.000142	0.175	0.00000289	0.000499	0.000584	0.00158	0.0000138
2118 Mar	0.0516	0.00000911	2.87	4.79	0.05	0.000788	14.7	0.00386	0.0343	0.000293	0.000272	0.000142	0.175	0.00000289	0.000499	0.000584	0.00158	0.0000138
2118 Apr	0.0516	0.00000911	2.87	4.79	0.05	0.000788	14.7	0.00386	0.0343	0.000293	0.000272	0.000142	0.175	0.00000289	0.000499	0.000584	0.00158	0.0000138
2118 May	0.0517	0.00000912	2.87	4.8	0.0502	0.000788	14.7	0.00386	0.0343	0.000294	0.000272	0.000142	0.175	0.00000289	0.000499	0.000586	0.00158	0.0000137
2118 Jun	0.0519	0.00000912	2.87	4.8	0.0503	0.000787	14.6	0.00386	0.0344	0.000296	0.000272	0.000142	0.175	0.00000288	0.000498	0.000588	0.00158	0.0000136
2118 Jul	0.052	0.00000914	2.88	4.81	0.0504	0.000789	14.6	0.00387	0.0345	0.000297	0.000273	0.000143	0.175	0.00000289	0.0005	0.000589	0.00158	0.0000136
2118 Aug	0.052	0.00000914	2.88	4.81	0.0505	0.00079	14.7	0.00387	0.0345	0.000297	0.000273	0.000143	0.175	0.00000289	0.0005	0.000589	0.00158	0.0000136
2118 Sep	0.052	0.00000914	2.87	4.81	0.0505	0.00079	14.6	0.00387	0.0345	0.000297	0.000273	0.000143	0.175	0.00000288	0.0005	0.000589	0.00158	0.0000136
2118 Oct	0.0519	0.00000914	2.87	4.81	0.0504	0.00079	14.6	0.00386	0.0344	0.000297	0.000272	0.000142	0.175	0.00000288	0.0005	0.000589	0.00158	0.0000135
2118 Nov	0.0519	0.00000914	2.87	4.81	0.0504	0.00079	14.6	0.00386	0.0344	0.000297	0.000272	0.000142	0.175	0.00000287	0.0005	0.000589	0.00158	0.0000135
2118 Dec	0.0519	0.00000914	2.87	4.81	0.0504	0.00079	14.6	0.00386	0.0344	0.000297	0.000272	0.000142	0.175	0.00000287	0.0005	0.000589	0.00158	0.0000135
2119 Jan	0.0519	0.00000914	2.87	4.81	0.0504	0.00079	14.6	0.00386	0.0345	0.000297	0.000272	0.000142	0.175	0.00000287	0.0005	0.000589	0.00158	0.0000135
2119 Feb	0.0519	0.00000914	2.87	4.81	0.0504	0.00079	14.6	0.00386	0.0345	0.000297	0.000272	0.000142	0.175	0.00000287	0.0005	0.000589	0.00158	0.0000135
2119 Mar	0.0519	0.00000914	2.87	4.81	0.0504	0.00079	14.6	0.00386	0.0345	0.000297	0.000272	0.000142	0.175	0.00000287	0.0005	0.000589	0.00158	0.0000135
2119 Apr	0.052	0.00000914	2.87	4.81	0.0505	0.00079	14.6	0.00387	0.0345	0.000297	0.000273	0.000143	0.175	0.00000287	0.0005	0.000589	0.00158	0.0000135
2119 May	0.052	0.00000914	2.87	4.81	0.0505	0.00079	14.6	0.00386	0.0345	0.000297	0.000272	0.000142	0.175	0.00000287	0.000499	0.000589	0.00158	0.0000135
2119 Jun	0.052	0.00000914	2.87	4.81	0.0506	0.00079	14.5	0.00387	0.0345	0.000297	0.000272	0.000142	0.175	0.00000287	0.0005	0.00059	0.00158	0.0000134
2119 Jul	0.0521	0.00000916	2.88	4.82	0.0507	0.000792	14.6	0.00387	0.0346	0.000298	0.000273	0.000143	0.176	0.00000287	0.000501	0.000591	0.00158	0.0000135
2119 Aug	0.0522	0.00000917	2.88	4.83	0.0507	0.000793	14.6	0.00388	0.0346	0.000298	0.000273	0.000143	0.176	0.00000287	0.000502	0.000592	0.00158	0.0000135
2119 Sep	0.0522	0.00000917	2.88	4.83	0.0507	0.000793	14.6	0.00388	0.0346	0.000298	0.000273	0.000143	0.176	0.00000287	0.000502	0.000591	0.00158	0.0000135
2119 Oct	0.0522	0.00000917	2.88	4.83	0.0507	0.000793	14.6	0.00388	0.0346	0.000298	0.000273	0.000143	0.176	0.00000287	0.000502	0.000591	0.00158	0.0000134
2119 Nov	0.0522	0.00000917	2.88	4.83	0.0507	0.000793	14.6	0.00388	0.0346	0.000298	0.000273	0.000143	0.176	0.00000287	0.000502	0.000591	0.00158	0.0000134
2119 Dec	0.0522	0.00000917	2.88	4.83	0.0507	0.000793	14.6	0.00388	0.0346	0.000298	0.000273	0.000143	0.176	0.00000287	0.000502	0.000591	0.00158	0.0000134

Appendix D.2-16: WES01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	15.9	0.00224	0.00873	0.000248	2.86	0.000489	0.858			0.0000000175	0.0000225	0.00212	0.000846	0.0000212	1.19E-08	0.0869	0.000000185	0.000000996	0.00000171	0.0000144
Operation (2026-2036): Mean	7840	0.829	3.22	0.0915	1060	0.241	424			0.00000865	0.0111	0.0116	0.418	0.0105	0.00000588	42.9	0.0000915	0.000492	0.000847	0.00709
Operation (2026-2036): Max	8160	1.15	4.45	0.126	1460	0.251	442			0.00000901	0.0116	0.0458	0.435	0.0109	0.00000612	44.7	0.0000954	0.000513	0.000882	0.00738
Active Closure (2037-2043): Min	235	0.0182	0.0564	0.00244	19.5	0.0319	14.6	0.000713	0.000713	0.00000511	0.00296	0.000366	0.015	0.00741	0.00000503	7.63	0.00000735	0.0000681	0.0000989	0.000934
Active Closure (2037-2043): Mean	791	0.053	0.193	0.00626	64	0.0473	44.5	0.000965	0.000965	0.00000539	0.00356	0.000827	0.0445	0.00768	0.00000511	10.2	0.0000135	0.000101	0.000154	0.00138
Active Closure (2037-2043): Max	8010	0.505	1.97	0.0558	643	0.247	433	0.00098	0.00098	0.00000885	0.0114	0.00708	0.427	0.0107	0.00000601	43.9	0.0000936	0.000503	0.000866	0.00725
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2043)																				
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 May	15.9	0.00224	0.00873	0.000248	2.86	0.000489	0.858	0	0	0.0000000175	0.0000225	0.00212	0.000846	0.0000212	1.19E-08	0.0869	0.000000185	0.000000996	0.00000171	0.0000144
2029 Jun	3190	0.452	1.76	0.0499	575	0.0984	173	0	0	0.00000353	0.00453	0.0458	0.17	0.00426	0.0000024	17.5	0.0000373	0.000201	0.000345	0.00289
2029 Jul	7750	1.1	4.26	0.121	1400	0.239	419	0	0	0.00000856	0.011	0.00896	0.413	0.0103	0.00000581	42.4	0.0000905	0.000487	0.000837	0.00701
2029 Aug	7970	1.13	4.38	0.125	1440	0.245	431	0	0	0.0000088	0.0113	0.0101	0.425	0.0106	0.00000598	43.6	0.0000931	0.000501	0.000861	0.00721
2029 Sep	7990	1.13	4.4	0.125	1440	0.246	433	0	0	0.00000883	0.0113	0.0114	0.426	0.0107	0.000006	43.8	0.0000934	0.000502	0.000864	0.00723
2029 Oct	7980	1.13	4.39	0.125	1440	0.246	432	0	0	0.00000881	0.0113	0.0105	0.425	0.0106	0.00000598	43.7	0.0000932	0.000501	0.000862	0.00721
2029 Nov	7930	1.12	4.36	0.124	1430	0.244	429	0	0	0.00000876	0.0113	0.00786	0.423	0.0106	0.00000595	43.4	0.0000927	0.000498	0.000857	0.00717
2029 Dec	7940	1.12	4.37	0.124	1430	0.244	429	0	0	0.00000876	0.0113	0.00786	0.423	0.0106	0.00000595	43.4	0.0000927	0.000498	0.000857	0.00718
2030 Jan	7940	1.12	4.37	0.124	1430	0.244	429	0	0	0.00000876	0.0113	0.00786	0.423	0.0106	0.00000595	43.4	0.0000927	0.000498	0.000857	0.00718
2030 Feb	7940	1.12	4.37	0.124	1430	0.244	429	0	0	0.00000876	0.0113	0.00787	0.423	0.0106	0.00000595	43.5	0.0000927	0.000498	0.000858	0.00718
2030 Mar	7940	1.12	4.37	0.124	1430	0.245	430	0	0	0.00000877	0.0113	0.00787	0.424	0.0106	0.00000596	43.5	0.0000928	0.000499	0.000858	0.00718
2030 Apr	7960	1.13	4.38	0.124	1430	0.245	431	0	0	0.00000879	0.0113	0.00789	0.424	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072
2030 May	8090	1.15	4.45	0.126	1460	0.249	438	0	0	0.00000894	0.0115	0.0188	0.432	0.0108	0.00000607	44.3	0.0000946	0.000508	0.000875	0.00732
2030 Jun	8030	1.14	4.42	0.125	1450	0.247	434	0	0	0.00000887	0.0114	0.021	0.428	0.0107	0.00000602	44	0.0000938	0.000504	0.000868	0.00726
2030 Jul	8000	1.13	4.4	0.125	1440	0.246	433	0	0	0.00000884	0.0114	0.0115	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000865	0.00724
2030 Aug	8000	1.13	4.4	0.125	1440	0.246	433	0	0	0.00000884	0.0114	0.0118	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000864	0.00724
2030 Sep	8000	1.13	4.4	0.125	1440	0.246	433	0	0	0.00000883	0.0114	0.015	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724
2030 Oct	7980	1.13	4.39	0.125	1440	0.246	432	0	0	0.00000881	0.0113	0.0112	0.425	0.0106	0.00000598	43.7	0.0000932	0.000501	0.000862	0.00721
2030 Nov	7960	1.13	4.38	0.124	1430	0.245	431	0	0	0.00000879	0.0113	0.00921	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072
2030 Dec	7960	1.13	4.38	0.124	1430	0.245	431	0	0	0.00000879	0.0113	0.00922	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072
2031 Jan	7960	1.13	4.38	0.124	1430	0.245	431	0	0	0.00000879	0.0113	0.00922	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072
2031 Feb	7960	1.13	4.38	0.124	1430	0.245	431	0	0	0.00000879	0.0113	0.00922	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072
2031 Mar	7970	1.13	4.38	0.124	1430	0.245	431	0	0	0.0000088	0.0113	0.00922	0.425	0.0106	0.00000597	43.6	0.0000931	0.0005	0.000861	0.00721
2031 Apr	8000	1.13	4.4	0.125	1440	0.246	433	0	0	0.00000884	0.0114	0.0159	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000865	0.00724
2031 May	8120	1.14	4.42	0.125	1450	0.25	439	0	0	0.00000896	0.0115	0.0372	0.433	0.0108	0.00000609	44.4	0.0000948	0.00051	0.000877	0.00734

Appendix D.2-16: WES01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Jun	7990	1.04	4.05	0.115	1330	0.246	433	0	0	0.00000883	0.0113	0.0204	0.426	0.0107	0.000006	43.8	0.0000934	0.000502	0.000864	0.00723
2031 Jul	8140	1.04	4.05	0.115	1330	0.251	441	0	0	0.00000899	0.0116	0.0204	0.434	0.0109	0.00000611	44.6	0.0000951	0.000511	0.00088	0.00736
2031 Aug	8030	0.999	3.89	0.11	1270	0.247	434	0	0	0.00000886	0.0114	0.0123	0.428	0.0107	0.00000602	43.9	0.0000938	0.000504	0.000867	0.00726
2031 Sep	8000	0.99	3.85	0.109	1260	0.246	433	0	0	0.00000884	0.0114	0.00899	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724
2031 Oct	7990	0.988	3.84	0.109	1260	0.246	432	0	0	0.00000882	0.0113	0.00745	0.426	0.0107	0.00000599	43.7	0.0000933	0.000502	0.000863	0.00722
2031 Nov	8000	0.989	3.85	0.109	1260	0.246	433	0	0	0.00000883	0.0114	0.00726	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724
2031 Dec	8000	0.99	3.85	0.109	1260	0.246	433	0	0	0.00000884	0.0114	0.00726	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000864	0.00724
2032 Jan	8000	0.99	3.85	0.109	1260	0.246	433	0	0	0.00000884	0.0114	0.00726	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000865	0.00724
2032 Feb	8000	0.99	3.85	0.109	1260	0.246	433	0	0	0.00000884	0.0114	0.00726	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000865	0.00724
2032 Mar	8000	0.99	3.85	0.109	1260	0.246	433	0	0	0.00000884	0.0114	0.00726	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000865	0.00724
2032 Apr	8020	0.992	3.86	0.11	1260	0.247	434	0	0	0.00000886	0.0114	0.00728	0.428	0.0107	0.00000602	43.9	0.0000937	0.000504	0.000867	0.00726
2032 May	8120	1	3.89	0.111	1270	0.25	439	0	0	0.00000896	0.0115	0.0262	0.433	0.0108	0.00000609	44.4	0.0000948	0.00051	0.000877	0.00734
2032 Jun	7870	0.897	3.49	0.0991	1140	0.242	426	0	0	0.00000869	0.0112	0.0205	0.419	0.0105	0.0000059	43.1	0.0000919	0.000494	0.00085	0.00711
2032 Jul	7770	0.845	3.29	0.0933	1080	0.239	420	0	0	0.00000858	0.011	0.00931	0.414	0.0104	0.00000583	42.5	0.0000907	0.000488	0.000839	0.00702
2032 Aug	7960	0.862	3.35	0.0952	1100	0.245	431	0	0	0.00000879	0.0113	0.00995	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072
2032 Sep	7990	0.864	3.36	0.0954	1100	0.246	432	0	0	0.00000882	0.0113	0.0128	0.426	0.0107	0.00000599	43.7	0.0000933	0.000502	0.000863	0.00723
2032 Oct	8000	0.865	3.36	0.0955	1100	0.246	433	0	0	0.00000883	0.0114	0.0125	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724
2032 Nov	8000	0.865	3.36	0.0955	1100	0.246	433	0	0	0.00000883	0.0114	0.0114	0.427	0.0107	0.000006	43.8	0.0000934	0.000502	0.000864	0.00723
2032 Dec	7980	0.863	3.35	0.0953	1100	0.246	432	0	0	0.00000881	0.0113	0.0104	0.426	0.0107	0.00000599	43.7	0.0000932	0.000501	0.000862	0.00722
2033 Jan	7980	0.863	3.35	0.0953	1100	0.246	432	0	0	0.00000881	0.0113	0.0104	0.426	0.0107	0.00000599	43.7	0.0000932	0.000501	0.000862	0.00722
2033 Feb	7980	0.863	3.36	0.0953	1100	0.246	432	0	0	0.00000881	0.0113	0.0104	0.426	0.0107	0.00000599	43.7	0.0000933	0.000501	0.000862	0.00722
2033 Mar	7990	0.864	3.36	0.0954	1100	0.246	432	0	0	0.00000882	0.0113	0.0104	0.426	0.0107	0.00000599	43.7	0.0000933	0.000502	0.000863	0.00723
2033 Apr	8030	0.868	3.37	0.0958	1100	0.247	434	0	0	0.00000886	0.0114	0.0105	0.428	0.0107	0.00000602	43.9	0.0000938	0.000504	0.000867	0.00726
2033 May	8050	0.844	3.28	0.0933	1080	0.248	436	0	0	0.00000889	0.0114	0.0242	0.43	0.0107	0.00000604	44.1	0.0000941	0.000506	0.00087	0.00728
2033 Jun	7740	0.753	2.93	0.0832	959	0.238	419	0	0	0.00000855	0.011	0.0148	0.413	0.0103	0.00000581	42.4	0.0000905	0.000486	0.000837	0.007
2033 Jul	8000	0.767	2.98	0.0847	976	0.246	433	0	0	0.00000883	0.0114	0.0133	0.427	0.0107	0.000006	43.8	0.0000934	0.000502	0.000864	0.00723
2033 Aug	8010	0.761	2.96	0.084	969	0.247	433	0	0	0.00000884	0.0114	0.0144	0.427	0.0107	0.00000601	43.8	0.0000936	0.000503	0.000865	0.00724
2033 Sep	7990	0.755	2.94	0.0834	962	0.246	432	0	0	0.00000882	0.0113	0.00914	0.426	0.0107	0.00000599	43.8	0.0000934	0.000502	0.000863	0.00723
2033 Oct	7890	0.746	2.9	0.0823	949	0.243	427	0	0	0.00000871	0.0112	0.00623	0.421	0.0105	0.00000592	43.2	0.0000922	0.000496	0.000853	0.00714
2033 Nov	7900	0.747	2.9	0.0825	950	0.243	428	0	0	0.00000873	0.0112	0.00614	0.421	0.0105	0.00000593	43.3	0.0000923	0.000496	0.000854	0.00715
2033 Dec	7910	0.747	2.9	0.0825	951	0.243	428	0	0	0.00000873	0.0112	0.00615	0.422	0.0106	0.00000593	43.3	0.0000924	0.000497	0.000854	0.00715
2034 Jan	7910	0.747	2.9	0.0825	951	0.243	428	0	0	0.00000873	0.0112	0.00615	0.422	0.0106	0.00000593	43.3	0.0000924	0.000497	0.000854	0.00715
2034 Feb	7910	0.747	2.9	0.0825	951	0.243	428	0	0	0.00000873	0.0112	0.00615	0.422	0.0106	0.00000593	43.3	0.0000924	0.000497	0.000854	0.00715
2034 Mar	7910	0.747	2.91	0.0825	951	0.244	428	0	0	0.00000873	0.0112	0.00615	0.422	0.0106	0.00000593	43.3	0.0000924	0.000497	0.000855	0.00716
2034 Apr	7960	0.752	2.92	0.0831	957	0.245	431	0	0	0.00000879	0.0113	0.00619	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072
2034 May	8130	0.761	2.96	0.0841	969	0.25	440	0	0	0.00000898	0.0115	0.0216	0.434	0.0109	0.0000061	44.5	0.000095	0.000511	0.000878	0.00735
2034 Jun	7940	0.698	2.71	0.0771	889	0.244	430	0	0	0.00000877	0.0113	0.0156	0.423	0.0106	0.00000595	43.5	0.0000928	0.000499	0.000858	0.00718
2034 Jul	7970	0.678	2.64	0.0749	863	0.246	431	0	0	0.0000088	0.0113	0.0134	0.425	0.0106	0.00000598	43.7	0.0000931	0.000501	0.000861	0.00721
2034 Aug	8000	0.672	2.61	0.0742	855	0.246	433	0	0	0.00000884	0.0114	0.0158	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000865	0.00724
2034 Sep	7990	0.661	2.57	0.073	841	0.246	432	0	0	0.00000882	0.0113	0.0094	0.426	0.0107	0.00000599	43.7	0.0000933	0.000502	0.000863	0.00722
2034 Oct	7980	0.659	2.56	0.0728	839	0.246	432	0	0	0.00000881	0.0113	0.00667	0.426	0.0106	0.00000598	43.7	0.0000932	0.000501	0.000862	0.00722
2034 Nov	8000	0.661	2.57	0.073	842	0.246	433	0	0	0.00000884	0.0114	0.00659	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000865	0.00724
2034 Dec	8010	0.661	2.57	0.073	842	0.247	433	0	0	0.00000884	0.0114	0.00659	0.427	0.0107	0.00000601	43.8	0.0000936	0.000503	0.000865	0.00724
2035 Jan	8010	0.661	2.57	0.073	842	0.247	433	0	0	0.00000884	0.0114	0.00659	0.427	0.0107	0.00000601	43.8	0.0000936	0.000503	0.000865	0.00724
2035 Feb	8010	0.661	2.57	0.073	842	0.247	433	0	0	0.00000884	0.0114	0.00659	0.427	0.0107	0.00000601	43.8	0.0000936	0.000503	0.000865	0.00724
2035 Mar	8010	0.662	2.57	0.0731	842	0.247	433	0	0	0.00000884	0.0114	0.00659	0.427	0.0107	0.00000601	43.9	0.0000936	0.000503	0.000865	0.00725
2035 Apr	8040	0.664	2.58	0.0733	845	0.248	435	0	0	0.00000888	0.0114	0.00662	0.429	0.0107	0.00000603	44	0.0000939	0.000505	0.000869	0.00727
2035 May	8160	0.67	2.6	0.074	853	0.251	442	0	0	0.00000901	0.0116	0.0207	0.435	0.0109	0.00000612	44.7	0.0000954	0.000513	0.000882	0.00738
2035 Jun	7790	0.585	2.27	0.0646	744	0.24	421	0	0	0.0000086	0.0111	0.0166	0.415	0.0104	0.00000584	42.6	0.000091	0.000489	0.000841	0.00704
2035 Jul	7960	0.585	2.27	0.0645	744	0.245	431	0	0	0.00000879	0.0113	0.0137	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072
2035 Aug	8000	0.579	2.25	0.0639	737	0.246	433	0	0	0.00000883	0.0113	0.00993	0.426	0.0107	0.000006	43.8	0.0000934	0.000502	0.000864	0.00723
2035 Sep	7970	0.575	2.24	0.0636	733	0.245	431	0	0	0.0000088	0.0113	0.00833	0.425	0.0106	0.00000598	43.6	0.0000931	0.000501	0.000861	0.00721
2035 Oct	7970	0.576	2.24	0.0636	733	0.246	431	0	0	0.00000881	0.0113	0.008	0.425	0.0106	0.00000598	43.7	0.0000932	0.000501	0.000862	0.00721
2035 Nov	7880	0.569	2.21	0.0628	724	0.243	426	0	0	0.0000087	0.0112	0.00678	0.42	0.0105	0.00000591	43.1	0.0000921	0.000495	0.000851	0.00713
2035 Dec	7880	0.569	2.21	0.0628	724	0.243	427	0	0	0.00000871	0.0112	0.00678	0.42	0.0105	0.00000591	43.2	0.0000921	0.000495	0.000852	0.00713
2036 Jan	7880	0.569	2.21	0.0628	724	0.243	427	0	0	0.00000871	0.0112	0.00678	0.42	0.0105	0.00000591	43.2	0.0000921	0.000495	0.000852	0.00713
2036 Feb	7880	0.569	2.21	0.0628	725	0.243	427	0	0	0.00000871	0.0112	0.00678	0.42	0.0105	0.00000591	43.2	0.0000921	0.000495	0.000852	0.00713
2036 Mar	7880	0.569	2.21	0.0629	725	0.243	427	0	0	0.00000871	0.0112	0.00678	0.42	0.0105	0.00000591	43.2	0.0000921	0.000495	0.000852	0.00713
2036 Apr	7930	0.572	2.22	0.0632	728	0.244	429	0	0	0.00000876	0.0113	0.013	0.423	0.0106	0.00000595	43.4	0.0000927	0.000498	0.000857	0.00718
2036 May	8130	0.584	2.27	0.0645	744	0.25	440	0	0	0.00000898	0.0115	0.0296	0.434	0.0109	0.0000061	44.5	0.000095	0.000511	0.000879	0.00736
2036 Jun	7900	0.53	2.06	0.0585	675	0.243	427	0	0	0.00000872	0.0112	0.0175	0.421	0.0105	0.00000592	43.2	0.0000923	0.000496	0.000853	0.00714
2036 Jul	7990	0.515	2	0.0568	655	0.246	432	0	0	0.00000882	0.0113	0.0129	0.426	0.0107	0.00000599	43.7	0.0000933	0.000502	0.000863	0.00722
2036 Aug	8000	0.51	1.98	0.0563	649	0.246	433	0	0	0.00000883	0.0114	0.0149	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724
2036 Sep	8000	0.505	1.96	0.0558	643	0.246	433	0	0	0.00000883	0.0114	0.0102	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724
2036 Oct	8000	0.505	1.96	0.0558	643	0.246	433	0	0	0.00000884	0.0114	0.008	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000865	0.00724
2036 Nov	7980	0.504	1.96	0.0556	641	0.246	432	0	0	0.00000881	0.0113	0.00723	0.426	0.0107	0.00000599	43.7	0.0000932	0.000501	0.000862	0.00722
2036 Dec	7970	0.503	1.96	0.0556	640	0.245	431	0	0	0.0000088	0.0113	0.00705	0.425	0.0106	0.00000598	43.6	0.0000931	0.000501	0.000861	0.00721
2037 Jan	7970	0.503	1.96	0.0556	640	0.245	431	0	0	0.0000088	0.0113	0.00705	0.425	0.0106	0.00000598	43.6	0.0000931	0.000501	0.000861	0.00721
2037 Feb	7970	0.503	1.96	0.0556	640	0.246	431	0	0	0.0000088	0.0113	0.00705	0.425	0.0106	0.00000598	43.7	0.0000931	0.000501	0.000861	0.00721
2037 Mar	7980	0.504	1.96	0.0556	641	0.246	432	0	0	0.00000881	0.0113	0.00706	0.426	0.0107	0.00000599	43.7	0.0000932	0.000501	0.000862	0.00722
2037 Apr	8000	0.505	1.96	0.0558	643	0.246	433	0	0	0.00000883	0.0114	0.00708	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724
2037 May	8010	0.505	1.97	0.0558	623	0.247	433	0	0	0.00000885	0.0114	0.0067	0.427	0.0107	0.00000601	43.9	0.0000936	0.000503	0.000866	0.00725
2037 Jun	2230	0.143	0.547	0.0161	166	0.0867	122	0.000713	0.000713	0.00000601	0.00498	0.0018	0.12	0.008	0.00000523	16.7	0.0000294	0.00021	0.000282	0.00257
2037 Jul	732	0.0494	0.179	0.00586	58.1	0.0456	41.2	0.000913	0.000913	0.00000535	0.00335	0.000728	0.0407	0.00741	0.0000051	9.71	0.0000129	0.000136	0.000132	0.00137
2037 Aug	497	0.0346	0.121	0.00425	41.4	0.0392	28.6	0.000945	0.000945	0.00000525	0.00317	0.00056	0.0286	0.00742	0.00000508	8.71	0.0000103	0.000109	0.000115	0.00116
2037 Sep	395	0.0282	0.0959	0.00355	34.2	0.0364	23.2	0.000959	0.000959	0.0000052	0.00313	0.000484	0.0235	0.0075	0.00000507	8.34	0.00000913	0.0000831	0.000113	0.00106
2037 Oct	381	0.0273	0.0925	0.00345	33.3	0.0359	22.5	0.000959	0.000959	0.00000519	0.00312	0.000471	0.0228	0.00753	0.00000506	8.31	0.00000897	0.0000756	0.000114	0.00105

Appendix D.2-16: WES01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Nov	386	0.0276	0.0935	0.00348	33.6	0.0361	22.7	0.000958	0.000958	0.00000519	0.00313	0.000474	0.0231	0.00753	0.00000506	8.33	0.00000902	0.0000759	0.000115	0.00105
2037 Dec	386	0.0276	0.0936	0.00348	33.6	0.0361	22.7	0.000958	0.000958	0.00000519	0.00313	0.000474	0.0231	0.00753	0.00000506	8.33	0.00000902	0.0000759	0.000115	0.00105
2038 Jan	386	0.0276	0.0936	0.00348	33.6	0.0361	22.7	0.000958	0.000958	0.00000519	0.00313	0.000474	0.0231	0.00753	0.00000506	8.33	0.00000902	0.0000759	0.000115	0.00105
2038 Feb	386	0.0276	0.0936	0.00348	33.6	0.0361	22.7	0.000958	0.000958	0.00000519	0.00313	0.000474	0.0231	0.00753	0.00000506	8.33	0.00000902	0.0000759	0.000115	0.00105
2038 Mar	386	0.0276	0.0936	0.00348	33.6	0.0361	22.7	0.000958	0.000958	0.00000519	0.00313	0.000474	0.0231	0.00753	0.00000506	8.33	0.00000902	0.0000759	0.000115	0.00105
2038 Apr	386	0.0276	0.0936	0.00348	33.6	0.0361	22.7	0.000958	0.000958	0.00000519	0.00313	0.000474	0.0231	0.00753	0.00000506	8.34	0.00000902	0.0000759	0.000115	0.00105
2038 May	396	0.0283	0.0962	0.00355	34.2	0.0364	23.3	0.000958	0.000958	0.0000052	0.00314	0.000481	0.0236	0.00754	0.00000507	8.39	0.00000914	0.0000766	0.000116	0.00106
2038 Jun	444	0.0313	0.108	0.00388	36.6	0.0376	25.8	0.000949	0.000949	0.00000521	0.00317	0.000512	0.0261	0.00751	0.00000506	8.57	0.00000966	0.0000834	0.000119	0.0011
2038 Jul	381	0.0274	0.0925	0.00345	32.2	0.036	22.4	0.000961	0.000961	0.0000052	0.00309	0.00047	0.0226	0.00747	0.00000507	8.26	0.00000898	0.0000872	0.00011	0.00106
2038 Aug	347	0.0252	0.0841	0.00322	29.8	0.0351	20.6	0.000967	0.000967	0.00000519	0.00307	0.000448	0.0209	0.00748	0.00000508	8.12	0.00000861	0.0000841	0.000107	0.00103
2038 Sep	327	0.0239	0.0791	0.00308	28.3	0.0345	19.5	0.000969	0.000969	0.00000518	0.00307	0.000432	0.0199	0.00751	0.00000507	8.06	0.00000838	0.0000758	0.000108	0.00101
2038 Oct	321	0.0236	0.0776	0.00304	27.8	0.0343	19.2	0.000969	0.000969	0.00000517	0.00306	0.000426	0.0196	0.00752	0.00000507	8.05	0.00000831	0.0000724	0.000109	0.001
2038 Nov	322	0.0236	0.0778	0.00304	27.9	0.0344	19.3	0.000969	0.000969	0.00000517	0.00306	0.000427	0.0197	0.00752	0.00000507	8.05	0.00000832	0.0000724	0.000109	0.001
2038 Dec	322	0.0236	0.0778	0.00304	27.9	0.0344	19.3	0.000969	0.000969	0.00000517	0.00306	0.000427	0.0197	0.00752	0.00000507	8.05	0.00000832	0.0000724	0.000109	0.001
2039 Jan	322	0.0236	0.0778	0.00304	27.9	0.0344	19.3	0.000969	0.000969	0.00000517	0.00306	0.000427	0.0197	0.00752	0.00000507	8.05	0.00000832	0.0000724	0.000109	0.001
2039 Feb	322	0.0236	0.0778	0.00304	27.9	0.0344	19.3	0.000969	0.000969	0.00000517	0.00306	0.000427	0.0197	0.00752	0.00000507	8.05	0.00000832	0.0000724	0.000109	0.001
2039 Mar	322	0.0236	0.0778	0.00304	27.9	0.0344	19.3	0.000969	0.000969	0.00000517	0.00306	0.000427	0.0197	0.00752	0.00000507	8.05	0.00000832	0.0000724	0.000109	0.001
2039 Apr	322	0.0236	0.0779	0.00304	27.9	0.0344	19.3	0.000969	0.000969	0.00000517	0.00306	0.000427	0.0197	0.00752	0.00000507	8.05	0.00000832	0.0000725	0.000109	0.001
2039 May	323	0.0237	0.0781	0.00305	28	0.0344	19.3	0.00097	0.00097	0.00000518	0.00307	0.000428	0.0197	0.00753	0.00000507	8.06	0.00000834	0.0000726	0.000109	0.001
2039 Jun	342	0.0249	0.0829	0.00318	28.7	0.0349	20.4	0.000964	0.000964	0.00000517	0.00307	0.00044	0.0207	0.0075	0.00000506	8.12	0.00000854	0.0000759	0.00011	0.00102
2039 Jul	354	0.0256	0.0857	0.00326	28.8	0.0351	20.9	0.00096	0.00096	0.00000516	0.00306	0.000448	0.0212	0.00746	0.00000505	8.13	0.00000865	0.0000806	0.000109	0.00103
2039 Aug	340	0.0247	0.0822	0.00316	27.7	0.0348	20.2	0.000963	0.000963	0.00000516	0.00306	0.000438	0.0205	0.00746	0.00000505	8.08	0.0000085	0.0000794	0.000108	0.00102
2039 Sep	320	0.0235	0.0775	0.00303	26.5	0.0342	19.2	0.000966	0.000966	0.00000516	0.00305	0.000425	0.0196	0.00749	0.00000505	8.01	0.00000829	0.0000741	0.000108	0.000999
2039 Oct	313	0.0231	0.0758	0.00298	26	0.034	18.8	0.000967	0.000967	0.00000515	0.00305	0.000419	0.0192	0.00749	0.00000505	7.99	0.00000821	0.0000718	0.000108	0.000993
2039 Nov	313	0.0231	0.0758	0.00298	26	0.034	18.8	0.000967	0.000967	0.00000515	0.00305	0.000419	0.0192	0.00749	0.00000505	7.99	0.00000821	0.0000718	0.000108	0.000993
2039 Dec	314	0.0231	0.0758	0.00298	26	0.034	18.8	0.000967	0.000967	0.00000515	0.00305	0.000419	0.0192	0.00749	0.00000505	7.99	0.00000821	0.0000718	0.000108	0.000993
2040 Jan	314	0.0231	0.0758	0.00298	26	0.034	18.8	0.000967	0.000967	0.00000515	0.00305	0.000419	0.0192	0.00749	0.00000505	7.99	0.00000821	0.0000718	0.000108	0.000993
2040 Feb	314	0.0231	0.0758	0.00298	26	0.034	18.8	0.000967	0.000967	0.00000515	0.00305	0.000419	0.0192	0.00749	0.00000505	7.99	0.00000821	0.0000718	0.000108	0.000993
2040 Mar	314	0.0231	0.0758	0.00298	26.1	0.034	18.8	0.000967	0.000967	0.00000515	0.00305	0.000419	0.0192	0.0075	0.00000505	8	0.00000821	0.0000718	0.000108	0.000993
2040 Apr	314	0.0231	0.0758	0.00298	26.1	0.0341	18.8	0.000967	0.000967	0.00000515	0.00305	0.000419	0.0192	0.0075	0.00000505	8	0.00000822	0.0000718	0.000108	0.000993
2040 May	315	0.0232	0.0761	0.00299	26.1	0.0341	18.9	0.000968	0.000968	0.00000516	0.00305	0.00042	0.0193	0.0075	0.00000506	8.01	0.00000823	0.0000719	0.000108	0.000995
2040 Jun	328	0.024	0.0794	0.00308	26.5	0.0344	19.6	0.000964	0.000964	0.00000515	0.00305	0.000429	0.02	0.00748	0.00000505	8.05	0.00000837	0.0000742	0.000108	0.00101
2040 Jul	317	0.0233	0.0766	0.00301	25.6	0.0341	19	0.000966	0.000966	0.00000516	0.00303	0.000422	0.0193	0.00747	0.00000505	7.98	0.00000825	0.0000767	0.000106	0.001
2040 Aug	305	0.0225	0.0737	0.00292	24.8	0.0338	18.3	0.000969	0.000969	0.00000516	0.00303	0.000414	0.0187	0.00747	0.00000506	7.94	0.00000812	0.0000759	0.000105	0.00099
2040 Sep	294	0.0219	0.071	0.00285	24.1	0.0335	17.8	0.000971	0.000971	0.00000515	0.00303	0.000406	0.0182	0.00749	0.00000506	7.9	0.00000801	0.0000722	0.000105	0.000979
2040 Oct	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000971	0.000971	0.00000515	0.00302	0.000401	0.0179	0.00749	0.00000505	7.88	0.00000793	0.0000704	0.000105	0.000973
2040 Nov	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000972	0.000972	0.00000515	0.00302	0.000402	0.0179	0.0075	0.00000506	7.88	0.00000794	0.0000705	0.000105	0.000973
2040 Dec	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000972	0.000972	0.00000515	0.00302	0.000402	0.0179	0.0075	0.00000506	7.89	0.00000794	0.0000705	0.000105	0.000973
2041 Jan	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000972	0.000972	0.00000515	0.00302	0.000402	0.0179	0.0075	0.00000506	7.89	0.00000794	0.0000705	0.000105	0.000973
2041 Feb	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000972	0.000972	0.00000515	0.00302	0.000402	0.0179	0.0075	0.00000506	7.89	0.00000794	0.0000705	0.000105	0.000973
2041 Mar	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000972	0.000972	0.00000515	0.00302	0.000402	0.0179	0.0075	0.00000506	7.89	0.00000794	0.0000705	0.000105	0.000973
2041 Apr	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000972	0.000972	0.00000515	0.00302	0.000402	0.0179	0.0075	0.00000506	7.89	0.00000794	0.0000705	0.000105	0.000974
2041 May	288	0.0215	0.0696	0.00281	23.7	0.0334	17.5	0.000972	0.000972	0.00000515	0.00303	0.000402	0.0179	0.0075	0.00000506	7.89	0.00000795	0.0000705	0.000105	0.000974
2041 Jun	294	0.0219	0.0711	0.00285	23.8	0.0335	17.8	0.00097	0.00097	0.00000515	0.00302	0.000406	0.0182	0.00748	0.00000505	7.9	0.000008	0.000072	0.000105	0.000979
2041 Jul	299	0.0222	0.0724	0.00289	23.7	0.0336	18	0.000967	0.000967	0.00000514	0.00302	0.000409	0.0184	0.00746	0.00000504	7.9	0.00000805	0.0000746	0.000105	0.000984
2041 Aug	289	0.0215	0.0697	0.00281	23	0.0334	17.5	0.000971	0.000971	0.00000515	0.00301	0.000402	0.0179	0.00747	0.00000505	7.86	0.00000794	0.000074	0.000104	0.000976
2041 Sep	279	0.0209	0.0674	0.00275	22.4	0.0331	17	0.000972	0.000972	0.00000514	0.00301	0.000396	0.0174	0.00748	0.00000505	7.83	0.00000784	0.0000711	0.000104	0.000966
2041 Oct	275	0.0207	0.0663	0.00272	22.2	0.033	16.7	0.000973	0.000973	0.00000514	0.00301	0.000392	0.0172	0.00749	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000962
2041 Nov	275	0.0207	0.0663	0.00272	22.2	0.033	16.8	0.000973	0.000973	0.00000514	0.00301	0.000392	0.0172	0.00749	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000963
2041 Dec	275	0.0207	0.0663	0.00272	22.2	0.033	16.8	0.000973	0.000973	0.00000514	0.00301	0.000392	0.0172	0.00749	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000963
2042 Jan	275	0.0207	0.0663	0.00272	22.2	0.033	16.8	0.000973	0.000973	0.00000514	0.00301	0.000392	0.0172	0.00749	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000963
2042 Feb	275	0.0207	0.0663	0.00272	22.2	0.033	16.8	0.000973	0.000973	0.00000514	0.00301	0.000392	0.0172	0.00749	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000963
2042 Mar	275	0.0207	0.0663	0.00272	22.2	0.033	16.8	0.000973	0.000973	0.00000514	0.00301	0.000392	0.0172	0.00749	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000963
2042 Apr	275	0.0207	0.0664	0.00272	22.2	0.033	16.8	0.000973	0.000973	0.00000514	0.00301	0.000392	0.0172	0.00749	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000963
2042 May	276	0.0207	0.0665	0.00272	22.2	0.0331	16.8	0.000974	0.000974	0.00000515	0.00301	0.000393	0.0172	0.0075	0.00000506	7.83	0.0000078	0.0000698	0.000104	0.000964
2042 Jun	275	0.0207	0.0663	0.00272	22	0.033	16.7	0.000973	0.000973	0.00000514	0.003	0.000392	0.0172	0.00748	0.00000505	7.82	0.00000779	0.0000707	0.000103	0.000963
2042 Jul	268	0.0203	0.0648	0.00267	21.5	0.0328	16.4	0.000973	0.000973	0.00000513	0.00299	0.000388	0.0168	0.00746	0.00000505	7.77	0.00000772	0.0000723	0.000102	0.00096
2042 Aug	261	0.0198	0.0629	0.00262	21.1	0.0326	16	0.000973	0.000973	0.00000513	0.00298	0.000383	0.0164	0.00745	0.00000504	7.73	0.00000763	0.0000718	0.000101	0.000952
2042 Sep	253	0.0193	0.0609	0.00256	20.6	0.0323	15.5	0.000973	0.000973	0.00000512	0.00298	0.000377	0.016	0.00746	0.00000504	7.7	0.00000754	0.0000693	0.000101	0.000943
2042 Oct	249	0.019	0.0599	0.00254	20.3	0.0322	15.3	0.000973	0.000973	0.00000511	0.00297	0.000374	0.0158	0.00746	0.00000503	7.68	0.00000749	0.0000681	0.000101	0.000939
2042 Nov	249	0.019	0.0599	0.00254	20.4	0.0322	15.3	0.000974	0.000974	0.00000512	0.00297	0.000374	0.0158	0.00746	0.00000504	7.68	0.00000749	0.0000681	0.000101	0.00094
2042 Dec	249	0.019	0.0599	0.00254	20.4	0.0322	15.3	0.000974	0.000974	0.00000512	0.00297	0.000374	0.0158	0.00746	0.00000504	7.68	0.00000749	0.0000681	0.000101	0.00094
2043 Jan	249	0.019	0.0599	0.00254	20.4	0.0322	15.3	0.000974	0.000974	0.00000512	0.00297	0.000374	0.0158	0.00746	0.00000504	7.68	0.00000749	0.0000681	0.000101	0.00094
2043 Feb	249	0.019	0.0599	0.00254	20.4	0.0322	15.3	0.000974	0.000974	0.00000512	0.00297	0.000374	0.0158	0.00746	0.00000504	7.68	0.00000749	0.0000681	0.000101	0.00094
2043 Mar	249	0.019	0.0599	0.00254	20.4	0.0322	15.3	0.000974	0.000974	0.00000512	0.00297	0.000374	0.0158	0.00746	0.00000504	7.68	0.00000749	0.0000681	0.000101	0.00094
2043 Apr	249	0.019	0.0599	0.00254	20.4	0.0322	15.3	0.000974	0.000974	0.00000512	0.00297	0.000374	0.0158	0.00746	0.00000504	7.69	0.00000749	0.0000681	0.000101	0.00094
2043 May	249	0.0191	0.06	0.00254	20.4	0.0323	15.4	0.000975	0.000975	0.00000512	0.00298	0.000375	0.0158	0.00747	0.00000504	7.7	0.0000075	0.0000682	0.000101	0.000941
2043 Jun	247	0.0189	0.0594	0.00252	20.2	0.0322	15.2	0.000973	0.000973	0.00000511	0.00297	0.000373	0.0157	0.00745	0.00000503	7.67	0.00000747	0.0000688	0.000101	0.000939
2043 Jul	240	0.0185	0.0577	0.00248	19.8	0.032	14.8	0.000977	0.000977	0.00000512	0.00296	0.000369	0.0153	0.00745	0.00000505	7.64	0.0000074	0.0000702	0.0000994	0.000936
2043 Aug	235	0.0182	0.0564	0.00244	19.5	0.0319	14.6	0.00098	0.00098	0.00000513	0.00296	0.000366	0.015	0.00747	0.00000506	7.63	0.00000735	0.0000705	0.0000989	0.000934
2043 Sep	235	0.0182	0.0565	0.00245	19.5	0.032	14.6	0.00098	0.00098	0.00000513	0.00296	0.000366	0.015	0.00747	0.00000506	7.63	0.00000736	0.0000704	0.000099	0.000934
2043 Oct	235	0.0182	0.0566	0.00245	19.5	0.032	14.6	0.00098	0.00098	0.00000513	0.00296	0.000366	0.015	0.00747	0.00000506	7.63	0.00000736	0.0000704	0.000099	0.000934
2043 Nov	235	0.0182	0.0566	0.00245	19.5	0.032	14.6	0.00098	0.00098	0.00000513	0.00296	0.000366	0.015	0.00747	0.00000506	7.63	0.00000736	0.0000704	0.000099	0.000934
2043 Dec	235	0.0182	0.0566	0.00245	19.5	0.032	14.6	0.00098	0.00098	0.00000513	0.00296	0.000366	0.015	0.00747	0.00000506	7.63	0.00000736	0.0000704	0.000099	0.000934

Appendix D.2-16: WES01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.000038	8.92E-08	0.0167	0.0469	0.000446	0.00000842	0.857	0.000144	0.00000446	6.73E-08	0.00000529	0.00000237	0.00171	3.15E-09	0.0000034	0.00000453	0.0000064	0
Operation (2026-2036): Mean	0.0188	0.0000441	8.22	23.2	0.22	0.00416	316	0.071	0.0022	0.0000333	0.00261	0.00117	0.843	0.00000155	0.00168	0.00224	0.00316	0
Operation (2026-2036): Max	0.0195	0.0000459	8.57	24.1	0.229	0.00433	437	0.0739	0.00229	0.0000346	0.00272	0.00122	0.878	0.00000162	0.00175	0.00233	0.00329	0
Active Closure (2037-2043): Min	0.013	0.00000179	1.06	1.66	0.0084	0.000182	7.61	0.00235	0.00224	0.0000338	0.0000897	0.0000706	0.0506	0.00000158	0.0000592	0.000119	0.000868	0
Active Closure (2037-2043): Mean	0.0135	0.00000488	1.58	3.24	0.0239	0.000473	20.8	0.00738	0.00413	0.0000389	0.000274	0.000151	0.109	0.00000197	0.000178	0.000274	0.00104	0
Active Closure (2037-2043): Max	0.0192	0.0000451	8.41	23.7	0.225	0.00425	193	0.0725	0.00428	0.0000487	0.00267	0.0012	0.862	0.000002	0.00172	0.00229	0.00323	0
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2043)																		
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 May	0.000038	8.92E-08	0.0167	0.0469	0.000446	0.00000842	0.857	0.000144	0.00000446	6.73E-08	0.00000529	0.00000237	0.00171	3.15E-09	0.0000034	0.00000453	0.0000064	0
2029 Jun	0.00765	0.000018	3.35	9.45	0.0898	0.00169	172	0.0289	0.000898	0.0000136	0.00107	0.000478	0.344	0.000000634	0.000685	0.000912	0.00129	0
2029 Jul	0.0186	0.0000436	8.13	22.9	0.218	0.00411	418	0.0702	0.00218	0.0000329	0.00259	0.00116	0.834	0.00000154	0.00166	0.00221	0.00313	0
2029 Aug	0.0191	0.0000448	8.37	23.6	0.224	0.00423	430	0.0722	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00228	0.00322	0
2029 Sep	0.0191	0.000045	8.39	23.6	0.225	0.00424	432	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00171	0.00228	0.00322	0
2029 Oct	0.0191	0.0000449	8.37	23.6	0.224	0.00423	431	0.0722	0.00224	0.0000339	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	0
2029 Nov	0.019	0.0000446	8.32	23.5	0.223	0.00421	428	0.0718	0.00223	0.0000337	0.00265	0.00119	0.853	0.00000157	0.0017	0.00227	0.0032	0
2029 Dec	0.019	0.0000446	8.33	23.5	0.223	0.00421	428	0.0719	0.00223	0.0000337	0.00265	0.00119	0.854	0.00000157	0.0017	0.00227	0.0032	0
2030 Jan	0.019	0.0000446	8.33	23.5	0.223	0.00421	428	0.0719	0.00223	0.0000337	0.00265	0.00119	0.854	0.00000157	0.0017	0.00227	0.0032	0
2030 Feb	0.019	0.0000446	8.33	23.5	0.223	0.00421	429	0.0719	0.00223	0.0000337	0.00265	0.00119	0.854	0.00000157	0.0017	0.00227	0.0032	0
2030 Mar	0.019	0.0000447	8.34	23.5	0.223	0.00421	429	0.0719	0.00223	0.0000337	0.00265	0.00119	0.854	0.00000158	0.0017	0.00227	0.0032	0
2030 Apr	0.0191	0.0000448	8.35	23.5	0.224	0.00422	430	0.0721	0.00224	0.0000338	0.00265	0.00119	0.856	0.00000158	0.00171	0.00227	0.00321	0
2030 May	0.0194	0.0000455	8.5	23.9	0.228	0.00429	437	0.0733	0.00228	0.0000344	0.0027	0.00121	0.871	0.00000161	0.00174	0.00231	0.00327	0
2030 Jun	0.0192	0.0000452	8.43	23.8	0.226	0.00426	434	0.0727	0.00226	0.0000341	0.00268	0.0012	0.864	0.00000159	0.00172	0.00229	0.00324	0
2030 Jul	0.0192	0.000045	8.4	23.7	0.225	0.00424	432	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2030 Aug	0.0192	0.000045	8.4	23.7	0.225	0.00424	432	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2030 Sep	0.0192	0.000045	8.4	23.7	0.225	0.00424	432	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2030 Oct	0.0191	0.0000449	8.37	23.6	0.224	0.00423	431	0.0722	0.00224	0.0000339	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	0
2030 Nov	0.0191	0.0000448	8.36	23.5	0.224	0.00422	430	0.0721	0.00224	0.0000338	0.00266	0.00119	0.856	0.00000158	0.00171	0.00227	0.00321	0
2030 Dec	0.0191	0.0000448	8.36	23.6	0.224	0.00422	430	0.0721	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00227	0.00321	0
2031 Jan	0.0191	0.0000448	8.36	23.6	0.224	0.00422	430	0.0721	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00227	0.00321	0
2031 Feb	0.0191	0.0000448	8.36	23.6	0.224	0.00422	430	0.0721	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00227	0.00321	0
2031 Mar	0.0191	0.0000448	8.36	23.6	0.224	0.00423	430	0.0721	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00228	0.00321	0
2031 Apr	0.0192	0.000045	8.4	23.7	0.225	0.00424	432	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2031 May	0.0194	0.0000457	8.52	24	0.228	0.0043	433	0.0735	0.00228	0.0000345	0.00271	0.00121	0.873	0.00000161	0.00174	0.00232	0.00327	0

Appendix D.2-16: WES01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Jun	0.0191	0.000045	8.39	23.6	0.225	0.00424	398	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00171	0.00228	0.00322	0
2031 Jul	0.0195	0.0000458	8.55	24.1	0.229	0.00432	398	0.0737	0.00229	0.0000346	0.00272	0.00122	0.876	0.00000161	0.00175	0.00233	0.00328	0
2031 Aug	0.0192	0.0000451	8.42	23.7	0.226	0.00426	381	0.0727	0.00226	0.0000341	0.00268	0.0012	0.863	0.00000159	0.00172	0.00229	0.00324	0
2031 Sep	0.0192	0.000045	8.4	23.7	0.225	0.00424	378	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2031 Oct	0.0191	0.0000449	8.38	23.6	0.224	0.00424	377	0.0723	0.00224	0.0000339	0.00266	0.0012	0.859	0.00000158	0.00171	0.00228	0.00322	0
2031 Nov	0.0192	0.000045	8.4	23.7	0.225	0.00424	378	0.0724	0.00225	0.000034	0.00267	0.0012	0.86	0.00000159	0.00172	0.00228	0.00323	0
2031 Dec	0.0192	0.000045	8.4	23.7	0.225	0.00424	378	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2032 Jan	0.0192	0.000045	8.4	23.7	0.225	0.00424	378	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2032 Feb	0.0192	0.000045	8.4	23.7	0.225	0.00424	378	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2032 Mar	0.0192	0.000045	8.4	23.7	0.225	0.00425	378	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2032 Apr	0.0192	0.0000451	8.42	23.7	0.225	0.00426	379	0.0727	0.00225	0.0000341	0.00268	0.0012	0.863	0.00000159	0.00172	0.00229	0.00324	0
2032 May	0.0194	0.0000457	8.52	24	0.228	0.0043	382	0.0735	0.00228	0.0000345	0.00271	0.00121	0.873	0.00000161	0.00174	0.00232	0.00327	0
2032 Jun	0.0188	0.0000442	8.26	23.3	0.221	0.00417	342	0.0712	0.00221	0.0000334	0.00262	0.00118	0.846	0.00000156	0.00169	0.00225	0.00317	0
2032 Jul	0.0186	0.0000437	8.15	23	0.218	0.00412	322	0.0703	0.00218	0.000033	0.00259	0.00116	0.835	0.00000154	0.00167	0.00222	0.00313	0
2032 Aug	0.0191	0.0000448	8.36	23.6	0.224	0.00422	329	0.0721	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00227	0.00321	0
2032 Sep	0.0191	0.0000449	8.38	23.6	0.225	0.00424	330	0.0723	0.00225	0.0000339	0.00266	0.0012	0.859	0.00000158	0.00171	0.00228	0.00322	0
2032 Oct	0.0192	0.000045	8.4	23.7	0.225	0.00424	330	0.0724	0.00225	0.000034	0.00267	0.0012	0.86	0.00000159	0.00172	0.00228	0.00323	0
2032 Nov	0.0192	0.000045	8.39	23.7	0.225	0.00424	330	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00172	0.00228	0.00323	0
2032 Dec	0.0191	0.0000449	8.38	23.6	0.224	0.00423	329	0.0723	0.00224	0.0000339	0.00266	0.00119	0.859	0.00000158	0.00171	0.00228	0.00322	0
2033 Jan	0.0191	0.0000449	8.38	23.6	0.224	0.00423	329	0.0723	0.00224	0.0000339	0.00266	0.00119	0.859	0.00000158	0.00171	0.00228	0.00322	0
2033 Feb	0.0191	0.0000449	8.38	23.6	0.224	0.00423	329	0.0723	0.00224	0.0000339	0.00266	0.00119	0.859	0.00000158	0.00171	0.00228	0.00322	0
2033 Mar	0.0191	0.0000449	8.39	23.6	0.225	0.00424	330	0.0724	0.00225	0.0000339	0.00267	0.0012	0.859	0.00000158	0.00171	0.00228	0.00322	0
2033 Apr	0.0192	0.0000451	8.42	23.7	0.226	0.00426	331	0.0727	0.00226	0.0000341	0.00268	0.0012	0.863	0.00000159	0.00172	0.00229	0.00324	0
2033 May	0.0193	0.0000453	8.45	23.8	0.226	0.00427	322	0.0729	0.00226	0.0000342	0.00269	0.0012	0.866	0.0000016	0.00173	0.0023	0.00325	0
2033 Jun	0.0185	0.0000436	8.13	22.9	0.218	0.00411	287	0.0701	0.00218	0.0000329	0.00258	0.00116	0.833	0.00000154	0.00166	0.00221	0.00312	0
2033 Jul	0.0192	0.000045	8.39	23.7	0.225	0.00424	293	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00171	0.00228	0.00323	0
2033 Aug	0.0192	0.000045	8.41	23.7	0.225	0.00425	290	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2033 Sep	0.0191	0.000045	8.39	23.6	0.225	0.00424	288	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00171	0.00228	0.00322	0
2033 Oct	0.0189	0.0000444	8.28	23.3	0.222	0.00419	285	0.0715	0.00222	0.0000335	0.00263	0.00118	0.849	0.00000157	0.00169	0.00225	0.00318	0
2033 Nov	0.0189	0.0000444	8.29	23.4	0.222	0.00419	285	0.0716	0.00222	0.0000335	0.00264	0.00118	0.85	0.00000157	0.00169	0.00226	0.00319	0
2033 Dec	0.0189	0.0000445	8.3	23.4	0.222	0.00419	285	0.0716	0.00222	0.0000336	0.00264	0.00118	0.85	0.00000157	0.0017	0.00226	0.00319	0
2034 Jan	0.0189	0.0000445	8.3	23.4	0.222	0.00419	285	0.0716	0.00222	0.0000336	0.00264	0.00118	0.85	0.00000157	0.0017	0.00226	0.00319	0
2034 Feb	0.0189	0.0000445	8.3	23.4	0.222	0.00419	285	0.0716	0.00222	0.0000336	0.00264	0.00118	0.851	0.00000157	0.0017	0.00226	0.00319	0
2034 Mar	0.0189	0.0000445	8.3	23.4	0.222	0.0042	285	0.0716	0.00222	0.0000336	0.00264	0.00118	0.851	0.00000157	0.0017	0.00226	0.00319	0
2034 Apr	0.0191	0.0000448	8.35	23.5	0.224	0.00422	287	0.0721	0.00224	0.0000338	0.00266	0.00119	0.856	0.00000158	0.00171	0.00227	0.00321	0
2034 May	0.0195	0.0000457	8.53	24	0.229	0.00431	290	0.0736	0.00229	0.0000345	0.00271	0.00122	0.875	0.00000161	0.00174	0.00232	0.00328	0
2034 Jun	0.019	0.0000447	8.33	23.5	0.223	0.00421	266	0.0719	0.00223	0.0000337	0.00265	0.00119	0.854	0.00000157	0.0017	0.00227	0.0032	0
2034 Jul	0.0191	0.0000448	8.37	23.6	0.224	0.00423	259	0.0722	0.00224	0.0000338	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	0
2034 Aug	0.0192	0.000045	8.4	23.7	0.225	0.00425	256	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2034 Sep	0.0191	0.0000449	8.38	23.6	0.224	0.00424	252	0.0723	0.00224	0.0000339	0.00266	0.00119	0.859	0.00000158	0.00171	0.00228	0.00322	0
2034 Oct	0.0191	0.0000449	8.37	23.6	0.224	0.00423	251	0.0722	0.00224	0.0000339	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	0
2034 Nov	0.0192	0.000045	8.4	23.7	0.225	0.00425	252	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2034 Dec	0.0192	0.000045	8.4	23.7	0.225	0.00425	252	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2035 Jan	0.0192	0.000045	8.4	23.7	0.225	0.00425	252	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2035 Feb	0.0192	0.000045	8.41	23.7	0.225	0.00425	252	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2035 Mar	0.0192	0.0000451	8.41	23.7	0.225	0.00425	252	0.0725	0.00225	0.000034	0.00267	0.0012	0.862	0.00000159	0.00172	0.00229	0.00323	0
2035 Apr	0.0193	0.0000452	8.44	23.8	0.226	0.00426	253	0.0728	0.00226	0.0000341	0.00268	0.0012	0.865	0.00000159	0.00172	0.0023	0.00324	0
2035 May	0.0195	0.0000459	8.57	24.1	0.229	0.00433	256	0.0739	0.00229	0.0000346	0.00272	0.00122	0.878	0.00000162	0.00175	0.00233	0.00329	0
2035 Jun	0.0186	0.0000438	8.17	23	0.219	0.00413	223	0.0705	0.00219	0.000033	0.0026	0.00116	0.837	0.00000154	0.00167	0.00222	0.00314	0
2035 Jul	0.0191	0.0000448	8.36	23.6	0.224	0.00422	223	0.0721	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00227	0.00321	0
2035 Aug	0.0191	0.000045	8.39	23.7	0.225	0.00424	221	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00171	0.00228	0.00323	0
2035 Sep	0.0191	0.0000448	8.37	23.6	0.224	0.00423	220	0.0722	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00228	0.00322	0
2035 Oct	0.0191	0.0000449	8.37	23.6	0.224	0.00423	220	0.0722	0.00224	0.0000338	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	0
2035 Nov	0.0189	0.0000443	8.27	23.3	0.221	0.00418	217	0.0714	0.00221	0.0000334	0.00263	0.00118	0.848	0.00000156	0.00169	0.00225	0.00318	0
2035 Dec	0.0189	0.0000443	8.27	23.3	0.222	0.00418	217	0.0714	0.00222	0.0000335	0.00263	0.00118	0.848	0.00000156	0.00169	0.00225	0.00318	0
2036 Jan	0.0189	0.0000443	8.27	23.3	0.222	0.00418	217	0.0714	0.00222	0.0000335	0.00263	0.00118	0.848	0.00000156	0.00169	0.00225	0.00318	0
2036 Feb	0.0189	0.0000443	8.27	23.3	0.222	0.00418	217	0.0714	0.00222	0.0000335	0.00263	0.00118	0.848	0.00000156	0.00169	0.00225	0.00318	0
2036 Mar	0.0189	0.0000443	8.27	23.3	0.222	0.00418	217	0.0714	0.00222	0.0000335	0.00263	0.00118	0.848	0.00000156	0.00169	0.00225	0.00318	0
2036 Apr	0.019	0.0000446	8.33	23.5	0.223	0.00421	218	0.0718	0.00223	0.0000337	0.00265	0.00119	0.853	0.00000157	0.0017	0.00227	0.0032	0
2036 May	0.0195	0.0000458	8.54	24.1	0.229	0.00431	223	0.0737	0.00229	0.0000345	0.00271	0.00122	0.875	0.00000161	0.00174	0.00232	0.00328	0
2036 Jun	0.0189	0.0000444	8.29	23.4	0.222	0.00419	202	0.0715	0.00222	0.0000335	0.00264	0.00118	0.85	0.00000157	0.00169	0.00226	0.00319	0
2036 Jul	0.0191	0.0000449	8.38	23.6	0.224	0.00424	196	0.0723	0.00224	0.0000339	0.00266	0.00119	0.859	0.00000158	0.00171	0.00228	0.00322	0
2036 Aug	0.0192	0.000045	8.4	23.7	0.225	0.00424	194	0.0724	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00228	0.00323	0
2036 Sep	0.0192	0.000045	8.4	23.7	0.225	0.00424	193	0.0724	0.00225	0.000034	0.00267	0.0012	0.86	0.00000159	0.00172	0.00228	0.00323	0
2036 Oct	0.0192	0.000045	8.4	23.7	0.225	0.00424	193	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2036 Nov	0.0191	0.0000449	8.38	23.6	0.224	0.00423	192	0.0723	0.00224	0.0000339	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	0
2036 Dec	0.0191	0.0000448	8.37	23.6	0.224	0.00423	192	0.0722	0.00224	0.0000338	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	0
2037 Jan	0.0191	0.0000448	8.37	23.6	0.224	0.00423	192	0.0722	0.00224	0.0000338	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	0
2037 Feb	0.0191	0.0000448	8.37	23.6	0.224	0.00423	192	0.0722	0.00224	0.0000338	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	0
2037 Mar	0.0191	0.0000449	8.38	23.6	0.224	0.00423	192	0.0723	0.00224	0.0000339	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	0
2037 Apr	0.0192	0.000045	8.4	23.7	0.225	0.00424	193	0.0725	0.00225	0.000034	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	0
2037 May	0.0192	0.0000451	8.41	23.7	0.225	0.00425	187	0.0725	0.00225	0.000034	0.00267	0.0012	0.862	0.00000159	0.00172	0.00229	0.00323	0
2037 Jun	0.0156	0.000013	2.9	7.27	0.0641	0.00122	50.9	0.0204	0.00372	0.0000451	0.000753	0.00036	0.257	0.00000187	0.000485	0.000682	0.00146	0
2037 Jul	0.0148	0.00000465	1.48	3.02	0.0223	0.000441	19	0.00692	0.00417	0.0000487	0.000255	0.000143	0.1	0.00000197	0.000166	0.000267	0.00102	0
2037 Aug	0.0141	0.00000331	1.27	2.38	0.0158	0.000318	14.1	0.00477	0.00418	0.0000426	0.000177	0.000109	0.0764	0.00000198	0.000116	0.000198	0.000948	0
2037 Sep	0.0134	0.00000269	1.2	2.11	0.0129	0.000266	12	0.00381	0.0042	0.0000381	0.000143	0.0000939	0.0671	0.00000199	0.0000936	0.000165	0.000917	0
2037 Oct	0.0131	0.0000026	1.2	2.08	0.0125	0.000259	11.7	0.00367	0.00423	0.0000387	0.000138	0.0000918	0.0661	0.00000199	0.0000905	0.00016	0.000911	0

Appendix D.2-16: WES01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Nov	0.0131	0.00000262	1.2	2.09	0.0126	0.000261	11.8	0.00371	0.00423	0.0000387	0.00014	0.0000925	0.0665	0.00000199	0.0000914	0.000161	0.000912	0
2037 Dec	0.0131	0.00000262	1.2	2.09	0.0126	0.000261	11.8	0.00371	0.00423	0.0000387	0.00014	0.0000925	0.0665	0.00000199	0.0000914	0.000161	0.000913	0
2038 Jan	0.0131	0.00000262	1.2	2.09	0.0126	0.000261	11.8	0.00371	0.00423	0.0000387	0.00014	0.0000925	0.0665	0.00000199	0.0000914	0.000161	0.000913	0
2038 Feb	0.0131	0.00000262	1.2	2.09	0.0126	0.000261	11.8	0.00371	0.00423	0.0000387	0.00014	0.0000925	0.0665	0.00000199	0.0000914	0.000161	0.000913	0
2038 Mar	0.0131	0.00000262	1.2	2.09	0.0126	0.000261	11.8	0.00371	0.00423	0.0000387	0.00014	0.0000925	0.0665	0.00000199	0.0000914	0.000161	0.000913	0
2038 Apr	0.0131	0.00000262	1.2	2.09	0.0126	0.000261	11.8	0.00371	0.00423	0.0000387	0.00014	0.0000925	0.0665	0.00000199	0.0000915	0.000161	0.000913	0
2038 May	0.0131	0.00000268	1.21	2.12	0.0129	0.000267	12	0.00381	0.00423	0.0000387	0.000143	0.0000941	0.0677	0.00000199	0.0000937	0.000164	0.000917	0
2038 Jun	0.0133	0.00000295	1.25	2.25	0.0142	0.000291	12.7	0.00425	0.00421	0.0000397	0.000159	0.000101	0.0723	0.00000198	0.000104	0.000178	0.000929	0
2038 Jul	0.0135	0.00000262	1.19	2.07	0.0125	0.000259	11.4	0.0037	0.00425	0.0000416	0.000138	0.0000919	0.0654	0.00000199	0.0000906	0.000162	0.000913	0
2038 Aug	0.0135	0.00000243	1.15	1.97	0.0116	0.000241	10.7	0.00339	0.00425	0.0000403	0.000127	0.000087	0.0619	0.000002	0.0000834	0.000153	0.000904	0
2038 Sep	0.0132	0.0000023	1.14	1.92	0.011	0.00023	10.2	0.00319	0.00425	0.0000385	0.00012	0.000084	0.0602	0.000002	0.0000789	0.000145	0.000897	0
2038 Oct	0.0131	0.00000226	1.14	1.91	0.0108	0.000227	10.1	0.00313	0.00426	0.0000388	0.000118	0.0000831	0.0598	0.000002	0.0000776	0.000143	0.000895	0
2038 Nov	0.0131	0.00000226	1.14	1.91	0.0108	0.000228	10.1	0.00314	0.00426	0.0000388	0.000119	0.0000833	0.0599	0.000002	0.0000778	0.000143	0.000895	0
2038 Dec	0.0131	0.00000226	1.14	1.91	0.0108	0.000228	10.1	0.00314	0.00426	0.0000388	0.000119	0.0000833	0.0599	0.000002	0.0000778	0.000143	0.000895	0
2039 Jan	0.0131	0.00000226	1.14	1.91	0.0108	0.000228	10.1	0.00314	0.00426	0.0000388	0.000119	0.0000833	0.0599	0.000002	0.0000778	0.000143	0.000895	0
2039 Feb	0.0131	0.00000226	1.14	1.91	0.0108	0.000228	10.1	0.00314	0.00426	0.0000388	0.000119	0.0000833	0.0599	0.000002	0.0000778	0.000143	0.000895	0
2039 Mar	0.0131	0.00000226	1.14	1.91	0.0108	0.000228	10.1	0.00314	0.00426	0.0000388	0.000119	0.0000833	0.0599	0.000002	0.0000778	0.000143	0.000895	0
2039 Apr	0.0131	0.00000227	1.14	1.91	0.0108	0.000228	10.1	0.00314	0.00426	0.0000388	0.000119	0.0000833	0.0599	0.000002	0.0000778	0.000143	0.000895	0
2039 May	0.0131	0.00000227	1.15	1.92	0.0109	0.000228	10.1	0.00315	0.00426	0.0000388	0.000119	0.0000834	0.06	0.000002	0.000078	0.000143	0.000896	0
2039 Jun	0.0132	0.00000238	1.16	1.97	0.0114	0.000239	10.3	0.00333	0.00425	0.0000393	0.000125	0.0000862	0.0619	0.00000199	0.0000822	0.000149	0.0009	0
2039 Jul	0.0133	0.00000246	1.16	1.99	0.0117	0.000244	10.4	0.00344	0.00424	0.0000403	0.000129	0.0000877	0.0627	0.00000199	0.0000846	0.000153	0.000901	0
2039 Aug	0.0133	0.00000238	1.15	1.95	0.0113	0.000237	10	0.00331	0.00423	0.0000395	0.000125	0.0000857	0.0613	0.00000199	0.0000817	0.000149	0.000898	0
2039 Sep	0.0131	0.00000226	1.14	1.9	0.0108	0.000227	9.69	0.00313	0.00424	0.0000385	0.000118	0.000083	0.0596	0.00000199	0.0000775	0.000143	0.000892	0
2039 Oct	0.013	0.00000222	1.13	1.89	0.0106	0.000223	9.56	0.00306	0.00425	0.0000387	0.000116	0.0000819	0.059	0.00000199	0.000076	0.000141	0.00089	0
2039 Nov	0.013	0.00000222	1.13	1.89	0.0106	0.000223	9.56	0.00306	0.00425	0.0000387	0.000116	0.000082	0.059	0.00000199	0.000076	0.000141	0.00089	0
2039 Dec	0.013	0.00000222	1.13	1.89	0.0106	0.000223	9.56	0.00306	0.00425	0.0000387	0.000116	0.000082	0.059	0.00000199	0.000076	0.000141	0.00089	0
2040 Jan	0.013	0.00000222	1.13	1.89	0.0106	0.000223	9.56	0.00306	0.00425	0.0000387	0.000116	0.000082	0.059	0.00000199	0.000076	0.000141	0.00089	0
2040 Feb	0.013	0.00000222	1.13	1.89	0.0106	0.000223	9.56	0.00306	0.00425	0.0000387	0.000116	0.000082	0.059	0.00000199	0.000076	0.000141	0.00089	0
2040 Mar	0.013	0.00000222	1.13	1.89	0.0106	0.000223	9.56	0.00306	0.00425	0.0000387	0.000116	0.000082	0.059	0.00000199	0.000076	0.000141	0.00089	0
2040 Apr	0.013	0.00000222	1.13	1.89	0.0106	0.000223	9.56	0.00306	0.00425	0.0000387	0.000116	0.000082	0.059	0.00000199	0.000076	0.000141	0.00089	0
2040 May	0.0131	0.00000222	1.14	1.89	0.0106	0.000224	9.58	0.00307	0.00425	0.0000387	0.000116	0.0000822	0.0591	0.00000199	0.0000763	0.000141	0.000891	0
2040 Jun	0.0131	0.0000023	1.14	1.93	0.011	0.000231	9.69	0.0032	0.00424	0.000039	0.000121	0.000084	0.0604	0.00000199	0.0000791	0.000145	0.000894	0
2040 Jul	0.0132	0.00000225	1.13	1.89	0.0107	0.000225	9.43	0.0031	0.00425	0.0000399	0.000117	0.0000824	0.059	0.00000199	0.0000768	0.000143	0.000891	0
2040 Aug	0.0132	0.00000218	1.12	1.86	0.0104	0.000219	9.18	0.00299	0.00425	0.0000394	0.000113	0.0000807	0.0578	0.00000199	0.0000742	0.000139	0.000888	0
2040 Sep	0.0131	0.00000211	1.11	1.83	0.0101	0.000213	8.98	0.00289	0.00425	0.0000386	0.000109	0.0000792	0.0569	0.00000199	0.0000719	0.000136	0.000885	0
2040 Oct	0.013	0.00000207	1.11	1.82	0.00987	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000883	0
2040 Nov	0.013	0.00000207	1.11	1.82	0.00988	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000884	0
2040 Dec	0.013	0.00000207	1.11	1.82	0.00988	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000884	0
2041 Jan	0.013	0.00000207	1.11	1.82	0.00988	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000884	0
2041 Feb	0.013	0.00000207	1.11	1.82	0.00988	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000884	0
2041 Mar	0.013	0.00000207	1.11	1.82	0.00988	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000884	0
2041 Apr	0.013	0.00000208	1.11	1.82	0.00988	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000884	0
2041 May	0.013	0.00000208	1.11	1.82	0.00989	0.00021	8.88	0.00283	0.00426	0.0000388	0.000108	0.0000784	0.0564	0.000002	0.0000707	0.000134	0.000884	0
2041 Jun	0.0131	0.00000211	1.11	1.83	0.0101	0.000213	8.89	0.00289	0.00426	0.000039	0.000109	0.0000792	0.0569	0.00000199	0.0000719	0.000136	0.000885	0
2041 Jul	0.0132	0.00000215	1.11	1.84	0.0102	0.000216	8.84	0.00294	0.00425	0.0000396	0.000111	0.0000799	0.0572	0.00000199	0.000073	0.000137	0.000885	0
2041 Aug	0.0132	0.00000209	1.11	1.81	0.00991	0.00021	8.65	0.00284	0.00425	0.0000392	0.000108	0.0000784	0.0562	0.00000199	0.0000708	0.000135	0.000883	0
2041 Sep	0.0131	0.00000203	1.1	1.79	0.00964	0.000205	8.49	0.00275	0.00426	0.0000386	0.000104	0.000077	0.0553	0.000002	0.0000687	0.000131	0.000881	0
2041 Oct	0.013	0.000002	1.1	1.78	0.00951	0.000203	8.41	0.00271	0.00426	0.0000388	0.000103	0.0000764	0.055	0.00000199	0.0000678	0.00013	0.000879	0
2041 Nov	0.013	0.000002	1.1	1.78	0.00952	0.000203	8.41	0.00271	0.00426	0.0000388	0.000103	0.0000764	0.055	0.000002	0.0000678	0.00013	0.000879	0
2041 Dec	0.013	0.000002	1.1	1.78	0.00952	0.000203	8.41	0.00271	0.00426	0.0000388	0.000103	0.0000764	0.055	0.000002	0.0000678	0.00013	0.000879	0
2042 Jan	0.013	0.000002	1.1	1.78	0.00952	0.000203	8.41	0.00271	0.00426	0.0000388	0.000103	0.0000764	0.055	0.000002	0.0000678	0.00013	0.000879	0
2042 Feb	0.013	0.000002	1.1	1.78	0.00952	0.000203	8.41	0.00271	0.00426	0.0000388	0.000103	0.0000764	0.055	0.000002	0.0000678	0.00013	0.000879	0
2042 Mar	0.013	0.000002	1.1	1.78	0.00952	0.000203	8.41	0.00271	0.00426	0.0000388	0.000103	0.0000764	0.055	0.000002	0.0000678	0.00013	0.000879	0
2042 Apr	0.013	0.000002	1.1	1.78	0.00952	0.000203	8.41	0.00271	0.00426	0.0000388	0.000103	0.0000764	0.055	0.000002	0.0000678	0.00013	0.00088	0
2042 May	0.013	0.00000201	1.1	1.78	0.00954	0.000204	8.42	0.00272	0.00427	0.0000388	0.000103	0.0000765	0.0551	0.000002	0.0000679	0.00013	0.000881	0
2042 Jun	0.0131	0.000002	1.1	1.78	0.00951	0.000203	8.37	0.00271	0.00426	0.000039	0.000103	0.0000764	0.0549	0.000002	0.0000677	0.00013	0.000879	0
2042 Jul	0.0131	0.00000197	1.09	1.76	0.00934	0.0002	8.22	0.00266	0.00426	0.0000395	0.000101	0.0000754	0.0541	0.00000199	0.0000664	0.000129	0.000877	0
2042 Aug	0.0131	0.00000193	1.08	1.73	0.00913	0.000196	8.07	0.00259	0.00426	0.0000391	0.0000984	0.0000743	0.0533	0.00000199	0.0000648	0.000127	0.000874	0
2042 Sep	0.013	0.00000188	1.07	1.71	0.0089	0.000192	7.93	0.00251	0.00425	0.0000386	0.0000957	0.0000731	0.0525	0.00000199	0.000063	0.000124	0.000871	0
2042 Oct	0.013	0.00000186	1.07	1.7	0.00878	0.000189	7.86	0.00248	0.00426	0.0000387	0.0000943	0.0000725	0.0522	0.00000199	0.0000622	0.000122	0.000869	0
2042 Nov	0.013	0.00000186	1.07	1.7	0.00878	0.000189	7.87	0.00248	0.00426	0.0000387	0.0000943	0.0000725	0.0522	0.00000199	0.0000622	0.000123	0.000869	0
2042 Dec	0.013	0.00000186	1.07	1.7	0.00878	0.000189	7.87	0.00248	0.00426	0.0000387	0.0000943	0.0000725	0.0522	0.00000199	0.0000622	0.000123	0.000869	0
2043 Jan	0.013	0.00000186	1.07	1.7	0.00878	0.000189	7.87	0.00248	0.00426	0.0000387	0.0000943	0.0000725	0.0522	0.00000199	0.0000622	0.000123	0.000869	0
2043 Feb	0.013	0.00000186	1.07	1.7	0.00878	0.000189	7.87	0.00248	0.00426	0.0000387	0.0000943	0.0000725	0.0522	0.00000199	0.0000622	0.000123	0.000869	0
2043 Mar	0.013	0.00000186	1.07	1.7	0.00878	0.000189	7.87	0.00248	0.00426	0.0000387	0.0000943	0.0000725	0.0522	0.00000199	0.0000622	0.000123	0.000869	0
2043 Apr	0.013	0.00000186	1.07	1.7	0.00879	0.00019	7.87	0.00248	0.00426	0.0000387	0.0000944	0.0000725	0.0522	0.00000199	0.0000622	0.000123	0.00087	0
2043 May	0.013	0.00000186	1.07	1.71	0.0088	0.00019	7.88	0.00248	0.00427	0.0000387	0.0000945	0.0000726	0.0523	0.00000199	0.0000623	0.000123	0.000871	0
2043 Jun	0.013	0.00000185	1.07	1.7	0.00873	0.000188	7.81	0.00246	0.00426	0.0000389	0.0000937	0.0000722	0.0519	0.00000199	0.0000618	0.000122	0.000869	0
2043 Jul	0.0131	0.00000181	1.06	1.68	0.00854	0.000185	7.69	0.0024	0.00427	0.0000394	0.0000913	0.0000713	0.0511	0.000002	0.0000603	0.000121	0.000868	0
2043 Aug	0.0131	0.00000179	1.06	1.66	0.0084	0.000182	7.61	0.00235	0.00428	0.0000395	0.0000897	0.0000706	0.0506	0.000002	0.0000592	0.000119	0.000869	0
2043 Sep	0.0131	0.00000179	1.06	1.66	0.00841	0.000182	7.61	0.00236	0.00428	0.0000394	0.0000898	0.0000707	0.0507	0.000002	0.0000593	0.00012	0.000869	0
2043 Oct	0.0131	0.00000179	1.06	1.67	0.00842	0.000183	7.61	0.00236	0.00428	0.0000394	0.0000899	0.0000707	0.0507	0.000002	0.0000594	0.00012	0.000869	0
2043 Nov	0.0131	0.00000179	1.06	1.67	0.00843	0.000183	7.61	0.00236	0.00428	0.0000394	0.0000899	0.0000707	0.0507	0.000002	0.0000594	0.00012	0.000869	0
2043 Dec	0.0131	0.00000179	1.06	1.67	0.00843	0.000183	7.61	0.00236	0.00428	0.0000394	0.00009	0.0000707	0.0507	0.000002	0.0000594	0.00012	0.000869	0

Appendix D.2-17: WES02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	37.1	0.0329	0.00991	0.000257	9.42	0.00515	3.22	0.000147	0.000147	0.00000129	0.00152	0.00072	0.00178	0.0105	0.00000129	14.8	0.00000515	0.00018	0.000309	0.000489
Operation (2026-2036): Mean	32800	42.9	50.4	1.35	21500	0.0736	2010	0.0517	0.00405	0.000301	0.0157	0.104	0.825	0.203	0.0000663	1070	0.000323	0.00109	0.00621	0.0034
Operation (2026-2036): Max	44000	78.5	89	2.47	29300	0.242	2660	0.111	0.00762	0.000419	0.02	1.82	1.08	0.284	0.000165	1450	0.00043	0.00178	0.0084	0.00609
Active Closure (2037-2043): Min	270	0.0783	0.115	0.00393	56.8	0.0317	18.6	0.00105	0.00098	0.00000569	0.00307	0.000517	0.0162	0.00822	0.00000512	10.1	0.00000804	0.0000776	0.000116	0.000903
Active Closure (2037-2043): Mean	7540	7.41	9.17	0.243	4860	0.0432	468	0.00854	0.0015	0.0000723	0.00593	0.015	0.198	0.0518	0.0000151	249	0.0000798	0.000411	0.00149	0.00148
Active Closure (2037-2043): Max	38200	38.9	48	1.26	25500	0.0895	2360	0.0408	0.00379	0.000358	0.0173	0.0766	0.943	0.237	0.0000579	1270	0.00038	0.00177	0.00732	0.00364
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2043)																				
2026 Jan	37.1	0.0329	0.00991	0.000257	9.42	0.00515	3.22	0.000257	0.000257	0.00000129	0.00152	0.00072	0.00178	0.0187	0.00000129	14.8	0.00000515	0.00018	0.000309	0.000489
2026 Feb	68.8	0.0611	0.0184	0.000477	17.5	0.00955	5.97	0.000477	0.000477	0.00000239	0.00282	0.00134	0.00329	0.0346	0.00000239	27.4	0.00000955	0.000334	0.000573	0.000907
2026 Mar	80.8	0.0717	0.0216	0.00056	20.5	0.0112	7	0.00056	0.00056	0.0000028	0.00331	0.33	0.00387	0.0406	0.0000028	32.2	0.0000112	0.000392	0.000672	0.00106
2026 Apr	87.7	0.0778	0.0234	0.000608	22.3	0.0122	7.6	0.000608	0.000608	0.00000304	0.00359	1.74	0.0042	0.0441	0.00000304	35	0.0000122	0.000426	0.00073	0.00116
2026 May	416	0.124	0.204	0.00575	87.3	0.0235	28.4	0.000619	0.000619	0.00000345	0.00412	1.82	0.0236	0.0444	0.00000333	37	0.0000162	0.000451	0.000765	0.00144
2026 Jun	2820	0.404	1.54	0.0444	559	0.108	179	0.000643	0.000643	0.00000619	0.00853	0.0245	0.171	0.0115	0.00000525	24.9	0.0000464	0.000354	0.000408	0.00279
2026 Jul	3970	0.564	2.18	0.0622	786	0.144	251	0.000513	0.000513	0.00000676	0.00907	0.0152	0.237	0.0109	0.00000543	30.6	0.0000563	0.000411	0.000519	0.00368
2026 Aug	5520	0.784	3.03	0.0864	1090	0.194	349	0.000319	0.000319	0.00000745	0.00961	0.0133	0.326	0.0106	0.0000056	38.7	0.0000689	0.000489	0.000679	0.00491
2026 Sep	7030	0.998	3.86	0.11	1390	0.242	445	0.000147	0.000147	0.00000819	0.0105	0.016	0.414	0.0105	0.00000584	46.7	0.0000828	0.000574	0.000837	0.00609
2026 Oct	5690	0.836	3.13	0.089	1130	0.206	361	0.000296	0.000296	0.00000752	0.0101	0.0102	0.337	0.0119	0.00000561	41	0.0000694	0.000501	0.000702	0.00513
2026 Nov	5370	0.794	2.95	0.084	1070	0.196	341	0.000338	0.000338	0.00000738	0.01	0.00967	0.318	0.0122	0.00000558	39.6	0.0000663	0.000484	0.000669	0.00489
2026 Dec	5310	0.787	2.91	0.0831	1050	0.195	337	0.000345	0.000345	0.00000735	0.01	0.00958	0.315	0.0123	0.00000558	39.3	0.0000658	0.000481	0.000663	0.00485
2027 Jan	5280	0.783	2.9	0.0826	1050	0.194	335	0.000349	0.000349	0.00000734	0.01	0.00954	0.313	0.0124	0.00000557	39.3	0.0000655	0.00048	0.000663	0.00483
2027 Feb	5270	0.781	2.89	0.0824	1040	0.193	334	0.000351	0.000351	0.00000733	0.01	0.00951	0.312	0.0126	0.00000557	39.4	0.0000654	0.000481	0.000665	0.00482
2027 Mar	5260	0.78	2.88	0.0822	1040	0.193	333	0.000352	0.000352	0.00000733	0.01	0.0095	0.311	0.0128	0.00000557	39.4	0.0000653	0.000482	0.000666	0.00482
2027 Apr	5260	0.78	2.88	0.0822	1040	0.193	333	0.000354	0.000354	0.00000734	0.01	0.00951	0.311	0.0129	0.00000558	39.5	0.0000653	0.000483	0.000668	0.00482
2027 May	5310	0.787	2.91	0.083	1050	0.194	337	0.000353	0.000353	0.00000738	0.0101	0.023	0.314	0.013	0.00000561	39.9	0.0000659	0.000487	0.000675	0.00486
2027 Jun	3720	0.54	2.04	0.0584	738	0.139	236	0.000538	0.000538	0.00000662	0.00908	0.0218	0.223	0.0115	0.00000538	29.9	0.0000537	0.000399	0.000496	0.00352
2027 Jul	3600	0.516	1.97	0.0565	713	0.133	228	0.000553	0.000553	0.00000657	0.00896	0.0109	0.216	0.0109	0.00000537	28.6	0.0000531	0.00039	0.000477	0.0034
2027 Aug	4100	0.585	2.25	0.0642	811	0.149	259	0.000496	0.000496	0.00000682	0.00919	0.0115	0.244	0.0108	0.00000545	31.3	0.0000574	0.000417	0.000529	0.00379
2027 Sep	5310	0.774	2.91	0.083	1050	0.192	336	0.000366	0.000366	0.00000745	0.01	0.0118	0.314	0.0118	0.00000567	38.8	0.000067	0.000485	0.000662	0.00481
2027 Oct	6110	0.889	3.36	0.0955	1210	0.217	387	0.000247	0.000247	0.00000772	0.0103	0.00997	0.361	0.0116	0.00000567	42.9	0.0000735	0.000524	0.000745	0.00544
2027 Nov	5990	0.874	3.29	0.0936	1190	0.214	380	0.00026	0.00026	0.00000765	0.0102	0.00853	0.354	0.0117	0.00000564	42.4	0.0000723	0.000517	0.000732	0.00535
2027 Dec	5890	0.861	3.23	0.0921	1170	0.211	373	0.000272	0.000272	0.0000076	0.0102	0.0083	0.348	0.0117	0.00000563	41.9	0.0000713	0.000512	0.000722	0.00527
2028 Jan	16200	34.2	38.4	1.13	9970	0.0696	972	0.0525	0.00365	0.000146	0.0106	0.0601	0.476	0.112	0.000125	487	0.000162	0.000606	0.00306	0.00238
2028 Feb	16000	34.3	38.5	1.13	9960	0.063	962	0.0526	0.00365	0.000146	0.0103	0.06	0.466	0.112	0.000125	487	0.00016	0.000592	0.00304	0.00221
2028 Mar	16000	34.2	38.4	1.13	9960	0.0629	962	0.0526	0.00365	0.000146	0.0103	0.0599	0.465	0.112	0.000125	487	0.00016	0.000592	0.00304	0.00221
2028 Apr	16000	34.2	38.4	1.13	9950	0.0629	961	0.0526	0.00365	0.000146	0.0103	0.0599	0.465	0.112	0.000125	487	0.00016	0.000592	0.00304	0.00221
2028 May	16000	34.3	38.4	1.13	9960	0.0631	963	0.0526	0.00365	0.000146	0.0104	0.0621	0.466	0.113	0.000125	487	0.00016	0.000594	0.00305	0.00222
2028 Jun	16000	30.1	34.3	0.987	9800	0.0759	964	0.045	0.00331	0.000142	0.0114	0.0606	0.466	0.107	0.0000965	481	0.000164	0.000585	0.003	0.00256
2028 Jul	40200	73	82.8	2.3	26600	0.052	2430	0.104	0.00719	0.000383	0.0193	0.12	1.01	0.266	0.000165	1310	0.000394	0.000997	0.0077	0.0031
2028 Aug	43500	78.4	89	2.47	28900	0.0464	2630	0.111	0.00762	0.000415	0.02	0.128	1.07	0.284	0.00016	1430	0.000425	0.00106	0.00832	0.00314
2028 Sep	44000	78.5	89	2.46	29300	0.0449	2660	0.11	0.00753	0.000419	0.0196	0.128	1.08	0.283	0.000136	1450	0.00043	0.00115	0.0084	0.00321
2028 Oct	43000	76	86.1	2.38	28600	0.0454	2600	0.106	0.00725	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.000421	0.00119	0.0082	0.0032
2028 Nov	43000	75.9	86	2.37	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032
2028 Dec	43000	75.9	86	2.37	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032
2029 Jan	43000	75.9	86	2.37	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032
2029 Feb	43000	75.9	86	2.37	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032
2029 Mar	43000	75.9	86	2.37	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032
2029 Apr	43000	75.9	86	2.37	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032
2029 May	43000	76	86.1	2.38	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032
2029 Jun	42500	74.7	84.7	2.33	28300	0.0459	2580	0.104	0.00712	0.000403	0.0188	0.122	1.04	0.271	0.000116	1400	0.000416	0.00119	0.0081	0.00319
2029 Jul	41600	68.5	77.9	2.11	27700	0.0471	2520	0.0909	0.00635	0.000391	0.0183	0.109	1.01	0.262	0.0001	1370	0.000404	0.00116	0.00787	0.00317
2029 Aug	41900	68	77.4	2.09	27900	0.0474	2540	0.0889	0.00624	0.000393	0.0183	0.108	1.02	0.264	0.0000971	1380	0.000407	0.00115	0.00792	0.00319
2029 Sep	41900	67.7	77.1	2.08	28000	0.048	2540	0.0879	0.00618	0.000393	0.0183	0.107	1.02	0.264	0.0000962	1380	0.000407	0.00116	0.00792	0.0032
2029 Oct	41900	67.1	76.5	2.06	27900	0.0483	2540	0.0869	0.00612	0.000392	0.0182	0.106	1.02	0.263	0.0000952	1380	0.000406	0.00116	0.00791	0.00321
2029 Nov	41700	66.3	75.6	2.03	27800	0.0486	2530	0.0859	0.00605	0.000391	0.0182	0.105	1.01	0.262	0.0000941	1380	0.000405	0.00116	0.00787	0.00321
2029 Dec	41800	65.9	75.1	2.01	27900	0.0484	2540	0.0854	0.00602	0.000391	0.0182	0.105	1.01	0.262	0.0000934	1380	0.000405	0.00116	0.00788	0.00321
2030 Jan	41800	65.4	74.6	2	27900	0.0483	2540	0.085	0.00598	0.000391	0.0182	0.104	1.01	0.263	0.0000928	1380	0.000405	0.00116	0.00788	0.00321
2030 Feb	41900	65	74.1	1.98	28000	0.0482	2540	0.0845	0.00595	0.000391	0.0182	0.104	1.01	0.263	0.0000923	1380	0.000405	0.00116	0.00789	0.00321
2030 Mar	41900	64.7	73.7	1.97	28000	0.048	2550	0.0841	0.00592	0.000392	0.0181	0.104	1.01	0.263	0.0000918	1380	0.000405	0.00116	0.00789	0.00321
2030 Apr	42000	64.3	73.3	1.96	28100	0.0479	2550	0.0836	0.00588	0.000392	0.0181	0.103	1.02	0.263	0.0000913	1390	0.000406	0.00116	0.0079	0.0032
2030 May	42100	64	72.9	1.95	28100	0.0478	2550	0.0833	0.00586	0.000392	0.0181	0.103	1.02	0.264	0.0000908	1390	0.000406	0.00116	0.00791	0.00321
2030 Jun	41700	63.5	72.3	1.93	27900	0.0478	2530	0.0812	0.00576	0.000389	0.0181	0.101	1.01	0.262	0.0000892	1380	0.000403	0.00114	0.00785	0.0032
2030 Jul	41400	63.4	72.3	1.93	27700	0.0482	2510	0.0786	0.00566	0.000387	0.018	0.0989	1	0.259	0.0000876	1370	0.000401	0.00113	0.00782	0.0032
2030 Aug	41500	63.2	72.2	1.92	27700	0.0488	2520	0.0777	0.00562	0.000388	0.018	0.0983	1	0.259	0.0000869	1370	0.000402	0.00114	0.00783	0.00322
2030 Sep	41600	63	72	1.91	27800	0.0489	2530	0.077	0.00558	0.000389	0.018	0.0979	1	0.26	0.0000864	1370	0.000403	0.00114	0.00785	0.00324
2030 Oct	41600	62.4	71.3	1.89	27800	0.0493	2530	0.076	0.00552	0.000388	0.018	0.0972	1	0.26	0.0000854	1370	0.000403	0.00114	0.00784	0.00325
2030 Nov	41600	61.7	70.6	1.87	27800	0.0493	2520	0.0754	0.00547	0.000388	0.018	0.0967	1	0.259	0.0000846	1370	0.000402	0.00115	0.00783	0.00325
2030 Dec	41600	61.2	70	1.85	27800	0.049	2530	0.0749	0.00544	0.000388	0.018	0.0965	1	0.26	0.000084	1380	0.000403	0.00115	0.00784	0.00325
2031 Jan	41700	60.8	69.5	1.83	27900	0.0488	2530	0.0745	0.0054	0.000389	0.018	0.0963	1	0.26	0.0000835	1380	0.000403	0.00116	0.00785	0.00325
2031 Feb	41800	60.3	68.9	1.82	27900	0.0486	2540	0.074	0.00536	0.000389	0.018	0.0961	1.01	0.261	0.000083	1380	0.000404	0.00116	0.00786	0.00325
2031 Mar	41900	59.8	68.4	1.8	28000	0.0484	2540	0.0736	0.00533	0.00039	0.018	0.0959	1.01	0.261	0.0000825	1390	0.000404	0.00116	0.00787	0.00325
2031 Apr	41900	59.4	67.9	1.79	28100	0.0482	2550	0.0732	0.0053	0.00039	0.018	0.0959	1.01	0.262	0.000082	1390	0.000404	0.00116	0.00788	0.00325
2031 May	42000	58.9	67.4	1.77	28100	0.0481	2550	0.0728	0.00527	0.00039	0.018	0.0959	1.01	0.262	0.0000816	1390	0.000405	0.00117	0.00788	0.00325

Appendix D.2-17: WES02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Jun	41400	57.8	66.1	1.74	27700	0.0493	2510	0.0703	0.00515	0.000385	0.0178	0.0935	0.996	0.258	0.0000797	1370	0.0004	0.00114	0.00779	0.00325
2031 Jul	41700	58.1	66.5	1.76	27900	0.0488	2530	0.0681	0.00512	0.00039	0.0179	0.0922	1	0.26	0.0000792	1380	0.000404	0.00113	0.00788	0.00327
2031 Aug	41800	57.8	66.3	1.76	27900	0.0497	2540	0.0667	0.00508	0.000391	0.018	0.0912	1	0.26	0.0000785	1380	0.000406	0.00112	0.00791	0.00329
2031 Sep	41500	56.8	65.6	1.74	27800	0.0524	2530	0.0651	0.00499	0.000388	0.0179	0.0898	0.999	0.258	0.0000772	1370	0.000404	0.00116	0.00786	0.00332
2031 Oct	41100	55.5	64.6	1.7	27400	0.0552	2500	0.0634	0.00488	0.000384	0.0178	0.0882	0.991	0.255	0.0000756	1360	0.000399	0.0012	0.00777	0.00335
2031 Nov	41100	54.9	63.9	1.68	27500	0.055	2510	0.063	0.00484	0.000384	0.0178	0.0881	0.992	0.255	0.000075	1360	0.000399	0.00121	0.00777	0.00335
2031 Dec	41300	54.4	63.3	1.66	27600	0.0545	2510	0.0627	0.0048	0.000384	0.0178	0.0882	0.994	0.256	0.0000746	1370	0.0004	0.00122	0.00778	0.00335
2032 Jan	41400	53.9	62.7	1.64	27700	0.0541	2520	0.0626	0.00478	0.000385	0.0178	0.0883	0.996	0.257	0.0000742	1370	0.000401	0.00122	0.0078	0.00335
2032 Feb	41500	53.4	62.2	1.62	27800	0.0537	2530	0.0625	0.00476	0.000386	0.0178	0.0885	0.997	0.257	0.0000738	1370	0.000401	0.00123	0.00781	0.00335
2032 Mar	41600	53	61.7	1.61	27800	0.0534	2530	0.0624	0.00474	0.000386	0.0178	0.0887	0.999	0.258	0.0000734	1380	0.000402	0.00124	0.00782	0.00335
2032 Apr	41700	52.6	61.2	1.59	27900	0.053	2540	0.0624	0.00472	0.000387	0.0178	0.089	1	0.259	0.0000731	1380	0.000402	0.00124	0.00784	0.00335
2032 May	41800	52.2	60.8	1.58	28000	0.0527	2540	0.0623	0.00471	0.000388	0.0178	0.0894	1	0.259	0.0000728	1390	0.000403	0.00125	0.00785	0.00335
2032 Jun	40800	50.6	58.9	1.54	27300	0.0541	2480	0.0596	0.00458	0.000379	0.0176	0.0867	0.981	0.253	0.0000705	1350	0.000395	0.00122	0.00768	0.00332
2032 Jul	39700	49	57.4	1.51	26500	0.0583	2420	0.0556	0.00443	0.00037	0.0173	0.0828	0.959	0.245	0.000068	1310	0.000386	0.00121	0.0075	0.00334
2032 Aug	39700	48.9	58	1.52	26500	0.0602	2430	0.0539	0.0044	0.00037	0.0174	0.0815	0.96	0.245	0.0000676	1310	0.000387	0.00127	0.00752	0.00338
2032 Sep	39800	48.8	58.1	1.53	26500	0.0607	2440	0.0534	0.00438	0.000372	0.0174	0.0813	0.962	0.245	0.0000673	1320	0.000389	0.00129	0.00754	0.0034
2032 Oct	39900	48.6	57.9	1.52	26600	0.0606	2440	0.0533	0.00438	0.000372	0.0174	0.0814	0.964	0.246	0.0000672	1320	0.00039	0.00129	0.00756	0.0034
2032 Nov	39900	48.3	57.6	1.51	26700	0.0604	2450	0.0533	0.00437	0.000373	0.0174	0.0816	0.966	0.246	0.000067	1320	0.00039	0.0013	0.00757	0.0034
2032 Dec	40000	48	57.2	1.5	26700	0.0601	2450	0.0534	0.00436	0.000373	0.0174	0.0818	0.967	0.247	0.0000668	1320	0.00039	0.0013	0.00757	0.0034
2033 Jan	40100	47.8	56.9	1.49	26800	0.0598	2450	0.0535	0.00435	0.000374	0.0174	0.0821	0.968	0.247	0.0000667	1330	0.000391	0.00131	0.00759	0.0034
2033 Feb	40200	47.6	56.7	1.48	26900	0.0594	2460	0.0536	0.00435	0.000374	0.0175	0.0825	0.97	0.248	0.0000666	1330	0.000391	0.00131	0.0076	0.0034
2033 Mar	40300	47.5	56.5	1.47	26900	0.0591	2460	0.0537	0.00434	0.000375	0.0175	0.0828	0.972	0.249	0.0000665	1340	0.000392	0.00132	0.00761	0.0034
2033 Apr	40400	47.3	56.3	1.46	27000	0.0588	2470	0.0538	0.00434	0.000376	0.0175	0.0831	0.974	0.249	0.0000665	1340	0.000393	0.00132	0.00763	0.0034
2033 May	40300	46.9	55.8	1.45	26900	0.0586	2460	0.0536	0.00431	0.000375	0.0174	0.0831	0.971	0.249	0.0000661	1340	0.000391	0.00132	0.0076	0.0034
2033 Jun	39500	45.8	54.5	1.42	26400	0.0605	2410	0.0518	0.00421	0.000367	0.0172	0.0811	0.954	0.244	0.0000645	1310	0.000384	0.00129	0.00746	0.00339
2033 Jul	39600	46.1	54.9	1.44	26500	0.0607	2420	0.0506	0.00422	0.00037	0.0173	0.0804	0.957	0.245	0.0000645	1310	0.000387	0.00128	0.00752	0.0034
2033 Aug	39900	46.5	55.6	1.47	26700	0.0605	2440	0.0496	0.00423	0.000374	0.0174	0.08	0.963	0.246	0.0000647	1320	0.000391	0.00129	0.0076	0.00342
2033 Sep	39800	46.3	55.5	1.47	26600	0.0617	2440	0.0488	0.0042	0.000373	0.0174	0.0794	0.962	0.245	0.0000643	1320	0.00039	0.0013	0.00758	0.00344
2033 Oct	39300	45.5	54.7	1.44	26200	0.0637	2410	0.0479	0.00413	0.000368	0.0173	0.0783	0.952	0.242	0.0000632	1300	0.000386	0.0013	0.00748	0.00344
2033 Nov	39400	45.3	54.4	1.43	26300	0.0635	2410	0.0481	0.00412	0.000368	0.0173	0.0786	0.953	0.242	0.0000631	1300	0.000386	0.00131	0.00749	0.00344
2033 Dec	39500	45.1	54.2	1.42	26300	0.0631	2420	0.0483	0.00412	0.000369	0.0173	0.079	0.955	0.243	0.0000631	1310	0.000386	0.00131	0.0075	0.00344
2034 Jan	39600	45	54	1.42	26400	0.0626	2430	0.0485	0.00412	0.00037	0.0173	0.0794	0.958	0.244	0.000063	1310	0.000387	0.00132	0.00752	0.00344
2034 Feb	39700	44.8	53.8	1.41	26500	0.0623	2430	0.0487	0.00412	0.00037	0.0173	0.0798	0.959	0.245	0.000063	1320	0.000388	0.00132	0.00753	0.00344
2034 Mar	39800	44.6	53.6	1.4	26600	0.0619	2440	0.0489	0.00412	0.000371	0.0173	0.0803	0.961	0.245	0.000063	1320	0.000389	0.00133	0.00754	0.00344
2034 Apr	39900	44.5	53.3	1.39	26700	0.0615	2440	0.0491	0.00412	0.000372	0.0174	0.0807	0.963	0.246	0.000063	1320	0.000389	0.00133	0.00756	0.00344
2034 May	40000	44.3	53.1	1.38	26700	0.0613	2450	0.0492	0.00412	0.000372	0.0174	0.0813	0.965	0.247	0.0000629	1330	0.00039	0.00134	0.00756	0.00344
2034 Jun	39400	43.5	52.1	1.36	26300	0.0618	2410	0.0479	0.00406	0.000367	0.0172	0.0798	0.951	0.243	0.0000618	1310	0.000384	0.00131	0.00747	0.00342
2034 Jul	39400	43.6	52.4	1.38	26300	0.0625	2410	0.0468	0.00405	0.000368	0.0173	0.079	0.952	0.243	0.0000617	1310	0.000386	0.0013	0.00749	0.00344
2034 Aug	39700	44.1	53.2	1.41	26500	0.0623	2430	0.0461	0.00408	0.000372	0.0174	0.0788	0.958	0.245	0.0000621	1320	0.00039	0.00132	0.00758	0.00346
2034 Sep	39600	43.9	53.1	1.41	26400	0.0633	2430	0.0455	0.00405	0.000371	0.0174	0.0783	0.956	0.244	0.0000618	1310	0.000389	0.00133	0.00756	0.00347
2034 Oct	39200	43.4	52.7	1.39	26200	0.0648	2410	0.045	0.00401	0.000368	0.0173	0.0776	0.95	0.241	0.0000611	1300	0.000386	0.00134	0.00749	0.00347
2034 Nov	39300	43.2	52.5	1.38	26200	0.0646	2410	0.0452	0.00401	0.000368	0.0173	0.078	0.952	0.242	0.0000611	1300	0.000386	0.00135	0.0075	0.00347
2034 Dec	39400	43.1	52.3	1.37	26300	0.0642	2420	0.0454	0.00401	0.000369	0.0173	0.0785	0.954	0.243	0.0000611	1310	0.000387	0.00135	0.00751	0.00347
2035 Jan	39500	42.9	52.1	1.37	26400	0.0639	2430	0.0457	0.00401	0.00037	0.0173	0.0789	0.955	0.243	0.0000611	1310	0.000387	0.00136	0.00752	0.00347
2035 Feb	39600	42.8	51.9	1.36	26400	0.0635	2430	0.0459	0.00401	0.00037	0.0173	0.0794	0.957	0.244	0.0000612	1310	0.000388	0.00136	0.00754	0.00347
2035 Mar	39700	42.6	51.7	1.35	26500	0.0632	2430	0.0461	0.00402	0.000371	0.0173	0.0798	0.959	0.245	0.0000612	1320	0.000389	0.00137	0.00755	0.00347
2035 Apr	39800	42.5	51.5	1.35	26600	0.0629	2440	0.0463	0.00402	0.000372	0.0173	0.0802	0.961	0.245	0.0000612	1320	0.000389	0.00137	0.00756	0.00347
2035 May	39900	42.4	51.4	1.34	26700	0.0627	2450	0.0466	0.00402	0.000372	0.0174	0.0808	0.963	0.246	0.0000613	1320	0.00039	0.00138	0.00758	0.00348
2035 Jun	39100	41.5	50.2	1.31	26100	0.0625	2400	0.0452	0.00395	0.000365	0.0172	0.0791	0.945	0.241	0.00006	1300	0.000383	0.00135	0.00743	0.00344
2035 Jul	39100	41.7	50.4	1.33	26100	0.0621	2400	0.0444	0.00395	0.000367	0.0172	0.0784	0.945	0.241	0.00006	1300	0.000384	0.00133	0.00746	0.00345
2035 Aug	39300	42	50.9	1.35	26200	0.0619	2410	0.0438	0.00397	0.000369	0.0173	0.0781	0.948	0.242	0.0000602	1300	0.000387	0.00132	0.00752	0.00346
2035 Sep	39100	41.7	50.7	1.34	26100	0.0625	2400	0.0432	0.00394	0.000367	0.0172	0.0775	0.944	0.24	0.0000598	1300	0.000385	0.00133	0.00748	0.00347
2035 Oct	39100	41.6	50.7	1.34	26000	0.0629	2400	0.0431	0.00393	0.000366	0.0172	0.0774	0.943	0.24	0.0000596	1300	0.000384	0.00135	0.00747	0.00347
2035 Nov	39000	41.3	50.4	1.33	26000	0.0628	2400	0.0432	0.00392	0.000366	0.0172	0.0776	0.943	0.24	0.0000595	1290	0.000384	0.00135	0.00746	0.00347
2035 Dec	39100	41.2	50.3	1.32	26100	0.0626	2400	0.0434	0.00392	0.000366	0.0172	0.0779	0.944	0.24	0.0000595	1300	0.000384	0.00136	0.00746	0.00347
2036 Jan	39200	41.1	50.1	1.32	26100	0.0623	2410	0.0436	0.00392	0.000367	0.0172	0.0783	0.945	0.241	0.0000596	1300	0.000385	0.00136	0.00747	0.00347
2036 Feb	39200	41	49.9	1.31	26200	0.0621	2410	0.0438	0.00392	0.000367	0.0172	0.0787	0.947	0.241	0.0000596	1300	0.000385	0.00137	0.00748	0.00347
2036 Mar	39300	40.8	49.7	1.31	26200	0.0619	2410	0.044	0.00393	0.000368	0.0172	0.0791	0.948	0.242	0.0000596	1300	0.000386	0.00137	0.00749	0.00347
2036 Apr	39400	40.7	49.6	1.3	26300	0.0617	2420	0.0442	0.00393	0.000368	0.0172	0.0795	0.95	0.242	0.0000597	1310	0.000386	0.00137	0.0075	0.00347
2036 May	39500	40.6	49.4	1.3	26400	0.0616	2420	0.0444	0.00394	0.000369	0.0173	0.08	0.952	0.243	0.0000598	1310	0.000387	0.00138	0.00752	0.00348
2036 Jun	38900	39.9	48.6	1.28	26000	0.064	2390	0.0434	0.00388	0.000364	0.0172	0.0788	0.943	0.24	0.0000589	1290	0.000382	0.00143	0.00741	0.00346
2036 Jul	38200	39.3	48	1.27	25500	0.0674	2350	0.042	0.00381	0.000358	0.0171	0.077	0.933	0.236	0.0000581	1270	0.000378	0.00152	0.00731	0.00344
2036 Aug	38300	39.5	48.4	1.28	25500	0.0685	2360	0.0414	0.00382	0.000359	0.0172	0.0767	0.936	0.237	0.0000582	1270	0.00038	0.00157	0.00733	0.00345
2036 Sep	38200	39.3	48.3	1.28	25500	0.0714	2360	0.0411	0.0038	0.000358	0.0173	0.0764	0.939	0.236	0.0000581	1270	0.00038	0.00166	0.00732	0.00346
2036 Oct	37900	38.9	48.1	1.27	25300	0.0755	2350	0.0407	0.00377	0.000356	0.0173	0.076	0.94	0.235	0.0000578	1260	0.000378	0.00178	0.00727	0.00348
2036 Nov	38000	38.9	48.1	1.27	25300	0.075	2350	0.0407	0.00377	0.000357	0.0173	0.0762	0.941	0.236	0.0000578	1260	0.000379	0.00178	0.00729	0.00348
2036 Dec	38100	38.9	48	1.27	25400	0.0744	2360	0.0408	0.00378	0.000358	0.0173	0.0765	0.942	0.236	0.0000579	1270	0.00038	0.00177	0.00731	0.00348
2037 Jan	38200	38.8	47.9	1.26	25500	0.074	2360	0.0408	0.00379	0.000358	0.0173	0.0766	0.943	0.237	0.0000579	1270	0.00038	0.00177	0.00732	0.00347
2037 Feb	38200	38.8	47.9	1.26	25500	0.074	2360	0.0408	0.00379	0.000358	0.0173	0.0766	0.943	0.237	0.0000579	1270	0.00038	0.00177	0.00732	0.00347
2037 Mar	38200	38.8	47.9	1.26	25500	0.074	2360	0.0408	0.00379	0.000358	0.0173	0.0766	0.943	0.237	0.0000579	1270	0.00038	0.00177	0.00732	0.00348
2037 Apr	38200	38.9	48	1.26	25500	0.074	2360	0.0408	0.00379	0.000358	0.0173	0.0766	0.943	0.237	0.0000579	1270	0.00038	0.00177	0.00732	0.00348
2037 May	37900	38.6	47.6	1.26	25300	0.0741	2350	0.0405	0.00377	0.000356	0.0173	0.0761	0.938	0.235	0.0000576	1260	0.000378	0.00176	0.00728	0.00347
2037 Jun	36800	37.4	46.1	1.22	24500	0.0761	2280	0.0392	0.00366	0.000345	0.017	0.0738	0.915	0.228	0.0000559	1220	0.000368	0.00172	0.00706	0.00348
2037 Jul	36800	37.2	46	1.21	24400	0.0772	2270	0.0391	0.00365	0.000344	0.017	0.0736	0.914	0.228	0.0000557	1220	0.000367	0.00172	0.00705	0.0035
2037 Aug	36700	37.1	45.9	1.21	24300	0.0786	2270	0.039	0.00364	0.000343	0.017	0.0734	0.914	0.227	0.0000556	1210	0.000366	0.00171	0.00703	0.00353
2037 Sep	36400	36.8	45.4	1.2	24100	0.0808	2250	0.0386	0.0036	0.000339	0.017	0.0727	0.91	0.225	0.0000551	1200	0.000364	0.0017	0.00697	0.00357
2037 Oct	34800	34.9	43.2	1.14	22900	0.0868	2160	0.0367	0.00344	0.000322	0.0166	0.0693	0.88	0.214	0.0000526	1140	0.000349	0.00164	0.00665	0.00364

Appendix D.2-17: WES02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Nov	33700	33.7	41.7	1.1	22100	0.0881	2090	0.0354	0.00335	0.000311	0.0164	0.067	0.855	0.207	0.000051	1100	0.000338	0.0016	0.00643	0.00362
2037 Dec	33400	33.4	41.3	1.09	21900	0.0878	2070	0.0351	0.00333	0.000309	0.0164	0.0664	0.848	0.206	0.0000506	1100	0.000335	0.00159	0.00638	0.0036
2038 Jan	33300	33.3	41.2	1.09	21800	0.0876	2060	0.035	0.00332	0.000308	0.0163	0.0662	0.846	0.205	0.0000505	1090	0.000334	0.00158	0.00637	0.00359
2038 Feb	33300	33.3	41.1	1.08	21800	0.0875	2060	0.035	0.00332	0.000307	0.0163	0.0661	0.844	0.205	0.0000504	1090	0.000334	0.00158	0.00636	0.00359
2038 Mar	33200	33.2	41.1	1.08	21800	0.0874	2060	0.0349	0.00332	0.000307	0.0163	0.066	0.843	0.205	0.0000504	1090	0.000333	0.00158	0.00635	0.00359
2038 Apr	33200	33.2	41.1	1.08	21800	0.0874	2060	0.0349	0.00332	0.000307	0.0163	0.066	0.843	0.205	0.0000503	1090	0.000333	0.00158	0.00635	0.00359
2038 May	29000	28.7	35.5	0.936	18800	0.0895	1800	0.0302	0.00296	0.000266	0.0152	0.0574	0.749	0.181	0.0000442	945	0.000294	0.00143	0.00558	0.00352
2038 Jun	3980	3.11	3.94	0.105	2050	0.0579	249	0.00401	0.0011	0.0000332	0.00545	0.00723	0.133	0.0313	0.00000927	116	0.0000477	0.000353	0.000834	0.0018
2038 Jul	1370	1.03	1.31	0.0354	684	0.038	86.8	0.00199	0.00103	0.0000143	0.00358	0.00257	0.0486	0.0151	0.00000643	42.7	0.0000196	0.000187	0.00032	0.00117
2038 Aug	892	0.632	0.806	0.0222	422	0.0348	57.1	0.0016	0.00102	0.0000107	0.00331	0.00169	0.0339	0.0121	0.0000059	28.9	0.0000144	0.000141	0.000231	0.00104
2038 Sep	695	0.46	0.591	0.0165	309	0.0337	45	0.00143	0.00101	0.00000916	0.00324	0.00132	0.0283	0.0109	0.00000565	23	0.0000123	0.000108	0.000198	0.000981
2038 Oct	634	0.402	0.519	0.0146	271	0.0335	41.2	0.00137	0.001	0.00000863	0.00322	0.00119	0.0267	0.0105	0.00000557	21.1	0.0000116	0.0000978	0.000188	0.000971
2038 Nov	635	0.402	0.519	0.0146	271	0.0336	41.3	0.00137	0.001	0.00000863	0.00322	0.00119	0.0268	0.0105	0.00000557	21.1	0.0000116	0.000098	0.000188	0.000972
2038 Dec	635	0.402	0.519	0.0146	271	0.0336	41.3	0.00137	0.001	0.00000863	0.00322	0.00119	0.0268	0.0105	0.00000557	21.1	0.0000116	0.000098	0.000188	0.000972
2039 Jan	635	0.402	0.519	0.0146	271	0.0336	41.3	0.00137	0.001	0.00000863	0.00322	0.00119	0.0268	0.0105	0.00000557	21.1	0.0000116	0.000098	0.000188	0.000972
2039 Feb	635	0.402	0.519	0.0146	271	0.0336	41.3	0.00137	0.001	0.00000863	0.00322	0.00119	0.0268	0.0105	0.00000557	21.1	0.0000116	0.000098	0.000188	0.000972
2039 Mar	635	0.402	0.519	0.0146	271	0.0336	41.3	0.00137	0.001	0.00000863	0.00322	0.00119	0.0268	0.0105	0.00000557	21.1	0.0000116	0.000098	0.000188	0.000972
2039 Apr	635	0.402	0.519	0.0146	271	0.0336	41.3	0.00137	0.001	0.00000863	0.00322	0.00119	0.0268	0.0105	0.00000557	21.1	0.0000116	0.000098	0.000188	0.000972
2039 May	637	0.402	0.52	0.0146	272	0.0336	41.4	0.00137	0.001	0.00000864	0.00323	0.0012	0.0269	0.0105	0.00000557	21.1	0.0000117	0.0000982	0.000188	0.000974
2039 Jun	630	0.357	0.468	0.0132	242	0.0346	40.9	0.00131	0.000992	0.00000821	0.00329	0.00114	0.0281	0.0102	0.0000055	19.7	0.0000119	0.000104	0.000181	0.000998
2039 Jul	590	0.293	0.392	0.0113	200	0.0353	38.5	0.00124	0.000982	0.00000762	0.00327	0.00103	0.0278	0.00964	0.0000054	17.6	0.0000115	0.000109	0.000166	0.00102
2039 Aug	530	0.25	0.338	0.00982	172	0.0348	34.8	0.0012	0.000983	0.00000724	0.00323	0.000934	0.0257	0.00934	0.00000535	16.1	0.0000108	0.000103	0.000156	0.000995
2039 Sep	478	0.22	0.298	0.00877	152	0.034	31.5	0.00118	0.000985	0.00000697	0.0032	0.000852	0.0237	0.00914	0.00000531	15	0.0000102	0.0000927	0.00015	0.000968
2039 Oct	458	0.207	0.281	0.00833	143	0.0337	30.3	0.00117	0.000985	0.00000685	0.00319	0.000819	0.023	0.00905	0.00000529	14.6	0.00000996	0.0000883	0.000147	0.00096
2039 Nov	458	0.207	0.281	0.00833	143	0.0338	30.3	0.00117	0.000985	0.00000685	0.00319	0.000819	0.023	0.00905	0.00000529	14.6	0.00000996	0.0000883	0.000148	0.000961
2039 Dec	458	0.207	0.281	0.00833	143	0.0338	30.3	0.00117	0.000985	0.00000685	0.00319	0.000819	0.023	0.00905	0.00000529	14.6	0.00000996	0.0000883	0.000148	0.000961
2040 Jan	458	0.207	0.281	0.00833	143	0.0338	30.3	0.00117	0.000985	0.00000685	0.00319	0.000819	0.023	0.00905	0.00000529	14.6	0.00000996	0.0000884	0.000148	0.000961
2040 Feb	458	0.207	0.281	0.00833	143	0.0338	30.3	0.00117	0.000985	0.00000685	0.00319	0.000819	0.023	0.00905	0.00000529	14.6	0.00000996	0.0000884	0.000148	0.000961
2040 Mar	458	0.207	0.281	0.00833	143	0.0338	30.3	0.00117	0.000985	0.00000685	0.00319	0.000819	0.023	0.00905	0.00000529	14.6	0.00000996	0.0000884	0.000148	0.000961
2040 Apr	458	0.207	0.281	0.00833	143	0.0338	30.3	0.00117	0.000985	0.00000685	0.00319	0.000819	0.023	0.00905	0.00000529	14.6	0.00000997	0.0000884	0.000148	0.000961
2040 May	459	0.207	0.281	0.00833	143	0.0338	30.4	0.00117	0.000985	0.00000686	0.0032	0.000821	0.0231	0.00908	0.0000053	14.6	0.00000999	0.0000887	0.000148	0.000963
2040 Jun	465	0.196	0.269	0.008	136	0.0343	30.8	0.00115	0.00098	0.00000674	0.00323	0.00082	0.0238	0.00919	0.00000527	14.5	0.0000102	0.0000942	0.00015	0.000979
2040 Jul	436	0.177	0.245	0.00737	123	0.0339	28.9	0.00113	0.000982	0.00000658	0.00318	0.000773	0.0226	0.009	0.00000525	13.7	0.00000984	0.0000959	0.000143	0.000973
2040 Aug	408	0.162	0.225	0.00684	113	0.0335	27.2	0.00112	0.000983	0.00000645	0.00316	0.000731	0.0215	0.00886	0.00000524	13.2	0.00000951	0.0000932	0.000138	0.00096
2040 Sep	384	0.15	0.208	0.00639	105	0.0332	25.8	0.00111	0.000984	0.00000633	0.00314	0.000695	0.0206	0.00876	0.00000522	12.7	0.00000923	0.000087	0.000136	0.000946
2040 Oct	372	0.144	0.2	0.00619	101	0.0329	25	0.00111	0.000985	0.00000628	0.00313	0.000677	0.02	0.00872	0.00000521	12.5	0.00000908	0.0000842	0.000134	0.00094
2040 Nov	372	0.144	0.2	0.00619	101	0.0329	25	0.00111	0.000985	0.00000628	0.00313	0.000677	0.0201	0.00872	0.00000521	12.5	0.00000909	0.0000842	0.000134	0.00094
2040 Dec	372	0.144	0.2	0.00619	101	0.0329	25	0.00111	0.000985	0.00000628	0.00313	0.000677	0.0201	0.00872	0.00000521	12.5	0.00000909	0.0000842	0.000134	0.00094
2041 Jan	372	0.144	0.2	0.00619	101	0.0329	25	0.00111	0.000985	0.00000628	0.00313	0.000677	0.0201	0.00872	0.00000521	12.5	0.00000909	0.0000842	0.000134	0.00094
2041 Feb	372	0.144	0.2	0.00619	101	0.0329	25	0.00111	0.000985	0.00000628	0.00313	0.000677	0.0201	0.00872	0.00000521	12.5	0.00000909	0.0000842	0.000134	0.00094
2041 Mar	372	0.144	0.2	0.00619	101	0.0329	25	0.00111	0.000985	0.00000628	0.00314	0.000677	0.0201	0.00872	0.00000521	12.5	0.00000909	0.0000842	0.000134	0.00094
2041 Apr	372	0.144	0.2	0.00619	101	0.0329	25	0.00111	0.000985	0.00000628	0.00314	0.000677	0.0201	0.00873	0.00000521	12.5	0.00000909	0.0000842	0.000134	0.00094
2041 May	373	0.144	0.2	0.00619	101	0.033	25.1	0.00111	0.000985	0.00000629	0.00314	0.000678	0.0201	0.00873	0.00000522	12.5	0.0000091	0.0000843	0.000134	0.000941
2041 Jun	373	0.139	0.194	0.00603	97.5	0.0331	25	0.0011	0.000983	0.00000623	0.00315	0.000673	0.0203	0.00868	0.0000052	12.3	0.00000917	0.0000864	0.000133	0.000944
2041 Jul	369	0.129	0.183	0.00574	91.2	0.0332	24.7	0.00109	0.00098	0.00000614	0.00314	0.000658	0.0203	0.00856	0.00000518	12	0.00000915	0.0000891	0.00013	0.000948
2041 Aug	351	0.121	0.172	0.00546	86	0.0329	23.6	0.00108	0.000982	0.00000607	0.00313	0.000634	0.0195	0.0085	0.00000518	11.7	0.00000893	0.0000875	0.000127	0.000939
2041 Sep	336	0.114	0.163	0.00521	81.4	0.0326	22.7	0.00108	0.000983	0.00000601	0.00312	0.000612	0.0189	0.00845	0.00000517	11.4	0.00000875	0.0000832	0.000126	0.000929
2041 Oct	329	0.111	0.159	0.00509	79.2	0.0325	22.3	0.00108	0.000983	0.00000598	0.00311	0.000602	0.0186	0.00843	0.00000516	11.3	0.00000867	0.0000812	0.000125	0.000926
2041 Nov	330	0.111	0.159	0.0051	79.3	0.0325	22.3	0.00108	0.000983	0.00000598	0.00311	0.000602	0.0186	0.00843	0.00000517	11.3	0.00000867	0.0000813	0.000125	0.000927
2041 Dec	330	0.111	0.159	0.0051	79.3	0.0325	22.3	0.00108	0.000983	0.00000598	0.00311	0.000602	0.0186	0.00843	0.00000517	11.3	0.00000867	0.0000813	0.000125	0.000927
2042 Jan	330	0.111	0.159	0.0051	79.3	0.0325	22.3	0.00108	0.000983	0.00000598	0.00311	0.000602	0.0186	0.00843	0.00000517	11.3	0.00000867	0.0000813	0.000125	0.000927
2042 Feb	330	0.111	0.159	0.0051	79.3	0.0325	22.3	0.00108	0.000983	0.00000598	0.00311	0.000602	0.0186	0.00843	0.00000517	11.3	0.00000867	0.0000813	0.000125	0.000927
2042 Mar	330	0.111	0.159	0.0051	79.3	0.0325	22.3	0.00108	0.000983	0.00000598	0.00311	0.000602	0.0186	0.00843	0.00000517	11.3	0.00000867	0.0000813	0.000125	0.000927
2042 Apr	330	0.111	0.159	0.0051	79.3	0.0325	22.4	0.00108	0.000983	0.00000598	0.00311	0.000603	0.0186	0.00843	0.00000517	11.3	0.00000868	0.0000813	0.000126	0.000927
2042 May	330	0.111	0.159	0.0051	79.3	0.0326	22.4	0.00108	0.000984	0.00000599	0.00312	0.000603	0.0187	0.00844	0.00000517	11.3	0.00000869	0.0000814	0.000126	0.000928
2042 Jun	330	0.108	0.156	0.00501	77.3	0.0326	22.4	0.00107	0.000983	0.00000596	0.00312	0.000601	0.0188	0.00841	0.00000516	11.2	0.00000873	0.0000829	0.000125	0.00093
2042 Jul	324	0.103	0.149	0.00483	73.5	0.0326	22	0.00107	0.000982	0.0000059	0.00311	0.000589	0.0185	0.00834	0.00000515	11	0.00000866	0.0000847	0.000122	0.00093
2042 Aug	316	0.0979	0.142	0.00466	70.2	0.0325	21.5	0.00106	0.000981	0.00000586	0.0031	0.000577	0.0182	0.00829	0.00000514	10.8	0.00000855	0.0000839	0.000121	0.000926
2042 Sep	306	0.0935	0.136	0.0045	67.2	0.0323	20.9	0.00106	0.000981	0.00000581	0.0031	0.000562	0.0178	0.00826	0.00000513	10.6	0.00000842	0.0000807	0.00012	0.000918
2042 Oct	301	0.0914	0.133	0.00442	65.8	0.0322	20.6	0.00105	0.000981	0.00000579	0.00309	0.000555	0.0176	0.00825	0.00000513	10.6	0.00000836	0.0000792	0.00012	0.000916
2042 Nov	301	0.0915	0.133	0.00442	65.8	0.0322	20.6	0.00105	0.000981	0.00000579	0.00309	0.000555	0.0176	0.00825	0.00000513	10.6	0.00000836	0.0000792	0.00012	0.000916
2042 Dec	301	0.0915	0.133	0.00442	65.8	0.0322	20.6	0.00105	0.000981	0.00000579	0.00309	0.000555	0.0176	0.00825	0.00000513	10.6	0.00000836	0.0000792	0.00012	0.000916
2043 Jan	301	0.0915	0.133	0.00442	65.8	0.0322	20.6	0.00105	0.000981	0.00000579	0.00309	0.000555	0.0176	0.00825	0.00000513	10.6	0.00000836	0.0000792	0.00012	0.000916
2043 Feb	301	0.0915	0.133	0.00442	65.8	0.0322	20.6	0.00105	0.000981	0.00000579	0.00309	0.000555	0.0176	0.00825	0.00000513	10.6	0.00000836	0.0000792	0.00012	0.000916
2043 Mar	301	0.0915	0.133	0.00442	65.8	0.0322	20.6	0.00105	0.000981	0.00000579	0.00309	0.000556	0.0176	0.00825	0.00000513	10.6	0.00000836	0.0000792	0.00012	0.000916
2043 Apr	301	0.0915	0.133	0.00442	65.8	0.0322	20.6	0.00106	0.000981	0.0000058	0.00309	0.000556	0.0176	0.00825	0.00000513	10.6	0.00000836	0.0000792	0.00012	0.000916
2043 May	302	0.0916	0.133	0.00443	65.9	0.0322	20.6	0.00106	0.000982	0.0000058	0.0031	0.000556	0.0177	0.00826	0.00000513	10.6	0.00000837	0.0000794	0.00012	0.000917
2043 Jun	301	0.0896	0.131	0.00436	64.5	0.0322	20.5	0.00105	0.000981	0.00000578	0.0031	0.000557	0.0177	0.00831	0.00000513	10.6	0.00000841	0.0000812	0.00012	0.000919
2043 Jul	292	0.0861	0.126	0.00423	62.1	0.0321	20	0.00105	0.000983	0.00000575	0.00309	0.000545	0.0172	0.00828	0.00000513	10.4	0.0000083	0.0000824	0.000118	0.000917
2043 Aug	283	0.0828	0.121	0.00411	59.9	0.0319	19.4	0.00105	0.000985	0.00000573	0.00308	0.000534	0.0168	0.00825	0.00000513	10.3	0.00000819	0.0000816	0.000117	0.000912
2043 Sep	274	0.0798	0.117	0.00399	57.9	0.0318	18.9	0.00105	0.000986	0.0000057	0.00308	0.000523	0.0164	0.00823	0.00000513	10.2	0.00000809	0.0000789	0.000116	0.000906
2043 Oct	270	0.0783	0.115	0.00393	56.9	0.0317	18.6	0.00105	0.000986	0.00000569	0.00307	0.000517	0.0162	0.00822	0.00000513	10.1	0.00000804	0.0000776	0.000116	0.000903
2043 Nov	270	0.0783	0.115	0.00393	56.8	0.0317	18.6	0.00105	0.000985	0.00000569	0.00307	0.000518	0.0162	0.00822	0.00000512	10.1	0.00000804	0.0000777	0.000116	0.000904
2043 Dec	270	0.0783	0.115	0.00393	56.8	0.0317	18.6	0.00105	0.000986	0.00000569	0.00307	0.000518	0.0162	0.00822	0.00000512	10.1	0.00000804	0.0000777	0.000116	0.000904

Appendix D.2-17: WES02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0243	0.00000257	0.859	2.08	0.0527	0.0000759	3.23	0.000669	0.00894	0.0000311	0.0000592	0.0000334	0.08	0.000000515	0.0000257	0.00054	0.000399	0.0858
Operation (2026-2036): Mean	0.0567	0.0000163	307	92	0.266	0.0484	9830	0.0452	0.145	0.000172	0.0155	0.00301	27	0.0000393	0.00104	0.00882	0.0248	0.242
Operation (2026-2036): Max	0.116	0.000041	417	117	0.317	0.0673	13400	0.067	0.295	0.000593	0.0212	0.00443	36.9	0.0000545	0.0016	0.0128	0.0333	0.267
Active Closure (2037-2043): Min	0.0146	0.00000193	1.63	1.89	0.00925	0.000287	25.5	0.00227	0.00587	0.0000471	0.000115	0.0000736	0.104	0.00000207	0.0000591	0.000143	0.000936	0.000397
Active Closure (2037-2043): Mean	0.0243	0.00000532	70.7	23	0.0697	0.0123	2230	0.012	0.0304	0.0000822	0.00358	0.000753	6.16	0.0000105	0.000369	0.00205	0.00636	0.0452
Active Closure (2037-2043): Max	0.062	0.0000184	367	112	0.308	0.0633	11700	0.0486	0.133	0.000249	0.0183	0.00357	32.1	0.0000465	0.00156	0.01	0.0294	0.238
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2043)																		
2026 Jan	0.0489	0.00000257	0.859	2.08	0.0527	0.0000759	3.23	0.000669	0.018	0.000246	0.0000592	0.0000334	0.08	0.000000515	0.0000257	0.00054	0.000399	0
2026 Feb	0.0907	0.00000477	1.59	3.86	0.0978	0.000141	5.99	0.00124	0.0334	0.000456	0.00011	0.0000621	0.148	0.000000955	0.0000477	0.001	0.00074	0
2026 Mar	0.106	0.0000056	1.87	4.53	0.115	0.000165	7.03	0.00146	0.0392	0.000536	0.000129	0.0000728	0.174	0.00000112	0.000056	0.00118	0.000868	0
2026 Apr	0.116	0.00000608	2.03	4.91	0.125	0.000179	7.63	0.00158	0.0426	0.000581	0.00014	0.0000791	0.189	0.00000122	0.0000608	0.00128	0.000943	0
2026 May	0.116	0.00000804	2.34	6.03	0.133	0.000374	27.1	0.00471	0.0431	0.000593	0.00025	0.000131	0.225	0.0000013	0.000136	0.00137	0.0011	0
2026 Jun	0.0361	0.0000222	3.22	10.5	0.0913	0.00172	168	0.0273	0.0301	0.0000999	0.00107	0.000458	0.343	0.00000181	0.000666	0.00111	0.00245	0
2026 Jul	0.0323	0.0000273	4.16	14.3	0.12	0.00239	236	0.0381	0.0243	0.0000782	0.00141	0.000627	0.461	0.00000177	0.00092	0.00133	0.00262	0
2026 Aug	0.0278	0.0000342	5.45	19.5	0.16	0.00331	328	0.0527	0.0159	0.0000591	0.00187	0.000857	0.623	0.00000167	0.00126	0.00163	0.00279	0
2026 Sep	0.0243	0.000041	6.71	24.5	0.199	0.00419	418	0.067	0.00894	0.0000439	0.00232	0.00108	0.781	0.00000161	0.0016	0.00196	0.00303	0
2026 Oct	0.0284	0.0000349	5.65	20.2	0.162	0.00353	339	0.0544	0.0185	0.0000319	0.00187	0.00088	0.646	0.00000166	0.00131	0.00161	0.00259	0
2026 Nov	0.0295	0.0000335	5.39	19.1	0.154	0.00336	320	0.0513	0.0208	0.0000312	0.00176	0.000832	0.614	0.00000168	0.00124	0.00153	0.00251	0
2026 Dec	0.0297	0.0000332	5.34	18.9	0.152	0.00333	316	0.0507	0.0212	0.0000311	0.00174	0.000824	0.608	0.00000169	0.00123	0.00151	0.00249	0
2027 Jan	0.0301	0.0000331	5.32	18.9	0.152	0.00331	314	0.0505	0.0214	0.000033	0.00174	0.000819	0.605	0.00000169	0.00122	0.00151	0.00248	0
2027 Feb	0.0306	0.000033	5.32	18.8	0.152	0.0033	313	0.0503	0.0216	0.0000359	0.00173	0.000817	0.604	0.00000169	0.00122	0.00151	0.00248	0
2027 Mar	0.031	0.000033	5.31	18.8	0.152	0.0033	313	0.0502	0.0217	0.0000379	0.00173	0.000816	0.604	0.00000169	0.00122	0.00151	0.00248	0
2027 Apr	0.0313	0.000033	5.32	18.8	0.152	0.0033	313	0.0502	0.0218	0.0000395	0.00173	0.000816	0.604	0.00000169	0.00122	0.00152	0.00248	0
2027 May	0.0316	0.0000333	5.37	19	0.154	0.00333	316	0.0507	0.0218	0.000042	0.00174	0.000824	0.61	0.0000017	0.00123	0.00153	0.0025	0
2027 Jun	0.0333	0.0000262	3.97	13.5	0.113	0.00229	221	0.0358	0.0266	0.0000719	0.00132	0.00059	0.437	0.00000177	0.000869	0.00126	0.0025	0
2027 Jul	0.0326	0.0000257	3.85	13.1	0.109	0.00219	214	0.0346	0.0264	0.000073	0.00129	0.000571	0.422	0.00000178	0.000839	0.00124	0.00254	0
2027 Aug	0.0315	0.0000279	4.26	14.7	0.122	0.00248	244	0.0393	0.0239	0.0000691	0.00144	0.000645	0.474	0.00000176	0.000949	0.00135	0.00262	0
2027 Sep	0.0299	0.0000334	5.32	18.9	0.153	0.00327	316	0.0507	0.0206	0.0000438	0.00177	0.000824	0.605	0.00000172	0.00122	0.00156	0.00265	0
2027 Oct	0.0271	0.0000368	5.98	21.6	0.174	0.00375	363	0.0583	0.0158	0.0000328	0.00201	0.000943	0.689	0.00000164	0.0014	0.00171	0.0027	0
2027 Nov	0.0274	0.0000362	5.88	21.2	0.17	0.00368	356	0.0571	0.0165	0.0000322	0.00197	0.000924	0.676	0.00000164	0.00138	0.00168	0.00267	0
2027 Dec	0.0277	0.0000358	5.8	20.8	0.168	0.00363	350	0.0562	0.0172	0.0000319	0.00193	0.00091	0.666	0.00000165	0.00135	0.00166	0.00264	0
2028 Jan	0.0328	0.0000137	139	43	0.136	0.0288	4500	0.0302	0.0801	0.000087	0.00771	0.00219	12.4	0.0000252	0.000839	0.00607	0.0117	0.0866
2028 Feb	0.0322	0.0000126	139	42.5	0.131	0.0287	4500	0.0284	0.0798	0.0000875	0.00767	0.00216	12.4	0.0000253	0.000798	0.00604	0.0117	0.0869
2028 Mar	0.0324	0.0000126	139	42.5	0.131	0.0287	4500	0.0284	0.0798	0.0000883	0.00766	0.00216	12.4	0.0000252	0.000797	0.00603	0.0117	0.0868
2028 Apr	0.0325	0.0000126	139	42.5	0.131	0.0287	4500	0.0284	0.0798	0.0000889	0.00766	0.00216	12.4	0.0000252	0.000797	0.00603	0.0117	0.0868
2028 May	0.0326	0.0000126	139	42.5	0.132	0.0287	4500	0.0285	0.0799	0.0000895	0.00767	0.00217	12.4	0.0000253	0.000799	0.00604	0.0117	0.0869
2028 Jun	0.0386	0.000016	137	43.2	0.141	0.026	4430	0.0312	0.102	0.000103	0.00759	0.00197	12.2	0.0000227	0.000804	0.00557	0.012	0.0858
2028 Jul	0.0642	0.0000142	378	106	0.266	0.0627	12100	0.0457	0.277	0.000186	0.0194	0.00415	33.5	0.0000522	0.00108	0.0122	0.0304	0.242
2028 Aug	0.0666	0.0000137	412	115	0.284	0.0673	13200	0.0475	0.295	0.000194	0.021	0.00442	36.4	0.0000545	0.00113	0.0128	0.0329	0.264
2028 Sep	0.0656	0.0000136	417	117	0.294	0.0673	13400	0.0483	0.285	0.000191	0.0212	0.00443	36.9	0.0000522	0.0012	0.0124	0.0333	0.267
2028 Oct	0.0637	0.0000136	408	115	0.292	0.0652	13100	0.0478	0.246	0.000185	0.0207	0.0043	36.1	0.0000495	0.00122	0.0119	0.0325	0.261
2028 Nov	0.0636	0.0000136	408	115	0.292	0.0651	13100	0.0478	0.246	0.000185	0.0206	0.00429	36	0.0000494	0.00122	0.0119	0.0325	0.261
2028 Dec	0.0636	0.0000136	408	115	0.292	0.0651	13100	0.0478	0.246	0.000184	0.0206	0.00429	36	0.0000494	0.00122	0.0119	0.0325	0.261
2029 Jan	0.0636	0.0000136	408	115	0.292	0.0651	13100	0.0478	0.246	0.000185	0.0206	0.00429	36	0.0000494	0.00122	0.0118	0.0325	0.261
2029 Feb	0.0636	0.0000136	408	115	0.292	0.0651	13100	0.0478	0.246	0.000185	0.0206	0.00429	36	0.0000494	0.00122	0.0118	0.0325	0.261
2029 Mar	0.0636	0.0000136	408	115	0.292	0.0651	13100	0.0478	0.246	0.000185	0.0206	0.00429	36	0.0000494	0.00122	0.0118	0.0325	0.261
2029 Apr	0.0637	0.0000136	408	115	0.292	0.0651	13100	0.0478	0.246	0.000185	0.0206	0.00429	36	0.0000494	0.00122	0.0119	0.0325	0.261
2029 May	0.0637	0.0000136	408	115	0.292	0.0652	13100	0.0478	0.246	0.000185	0.0207	0.00429	36	0.0000494	0.00122	0.0119	0.0325	0.261
2029 Jun	0.0634	0.0000136	403	114	0.291	0.0642	12900	0.0475	0.244	0.000184	0.0204	0.00423	35.6	0.000049	0.00121	0.0117	0.0322	0.259
2029 Jul	0.0619	0.0000136	395	112	0.289	0.0604	12700	0.0466	0.211	0.000179	0.0198	0.00387	34.9	0.0000475	0.00114	0.0112	0.0314	0.254
2029 Aug	0.0619	0.0000136	398	113	0.291	0.0604	12800	0.0469	0.201	0.00018	0.0199	0.00383	35.2	0.0000475	0.00112	0.0112	0.0316	0.257
2029 Sep	0.0619	0.0000137	399	114	0.292	0.0603	12800	0.047	0.199	0.00018	0.0199	0.00381	35.2	0.0000476	0.00112	0.0112	0.0316	0.257
2029 Oct	0.0618	0.0000137	398	114	0.293	0.06	12800	0.0471	0.198	0.000179	0.0199	0.00379	35.2	0.0000475	0.00112	0.0112	0.0315	0.257
2029 Nov	0.0616	0.0000137	397	113	0.293	0.0595	12700	0.047	0.197	0.000179	0.0198	0.00376	35	0.0000474	0.00111	0.0111	0.0314	0.256
2029 Dec	0.0616	0.0000136	398	113	0.294	0.0593	12700	0.047	0.197	0.000179	0.0198	0.00375	35.1	0.0000475	0.00111	0.0111	0.0314	0.256
2030 Jan	0.0616	0.0000136	398	114	0.295	0.0591	12800	0.047	0.198	0.000179	0.0198	0.00374	35.2	0.0000476	0.00111	0.0111	0.0315	0.257
2030 Feb	0.0616	0.0000136	399	114	0.295	0.059	12800	0.047	0.199	0.000179	0.0198	0.00374	35.2	0.0000477	0.00111	0.0111	0.0315	0.257
2030 Mar	0.0616	0.0000135	399	114	0.296	0.0589	12800	0.047	0.2	0.000179	0.0198	0.00374	35.3	0.0000478	0.00111	0.0111	0.0315	0.258
2030 Apr	0.0616	0.0000135	400	114	0.297	0.0588	12800	0.047	0.201	0.000179	0.0198	0.00373	35.3	0.0000479	0.0011	0.0111	0.0315	0.258
2030 May	0.0616	0.0000134	401	114	0.298	0.0587	12800	0.047	0.202	0.000179	0.0199	0.00373	35.4	0.0000481	0.0011	0.0111	0.0316	0.259
2030 Jun	0.0614	0.0000135	398	113	0.296	0.0585	12700	0.0468	0.2	0.000179	0.0197	0.00368	35.1	0.0000476	0.00108	0.011	0.0314	0.257
2030 Jul	0.0612	0.0000136	395	113	0.293	0.0586	12600	0.0468	0.193	0.000178	0.0196	0.00362	34.8	0.0000471	0.00106	0.011	0.0312	0.255
2030 Aug	0.0613	0.0000137	395	113	0.294	0.0587	12700	0.047	0.19	0.000178	0.0196	0.00362	34.9	0.0000471	0.00106	0.011	0.0313	0.256
2030 Sep	0.0614	0.0000137	396	113	0.295	0.0588	12700	0.0472	0.19	0.000178	0.0197	0.00361	35	0.0000472	0.00106	0.011	0.0314	0.256
2030 Oct	0.0612	0.0000137	396	113	0.296	0.0586	12700	0.0472	0.189	0.000178	0.0197	0.0036	35	0.0000472	0.00106	0.011	0.0314	0.256
2030 Nov	0.0612	0.0000137	396	113	0.297	0.0583	12700	0.0472	0.189	0.000178	0.0196	0.00359	35	0.0000472	0.00106	0.011	0.0313	0.256
2030 Dec	0.0612	0.0000136	397	114	0.299	0.0581	12700	0.0473	0.191	0.000178	0.0197	0.00359	35	0.0000474	0.00106	0.011	0.0314	0.257
2031 Jan	0.0612	0.0000136	398	114	0.3	0.058	12700	0.0473	0.192	0.000178	0.0197	0.00359	35.1	0.0000475	0.00107	0.011	0.0314	0.258
2031 Feb	0.0612	0.0000135	399	114	0.301	0.0579	12800	0.0473	0.193	0.000178	0.0197	0.00359	35.2	0.0000476	0.00107	0.011	0.0314	0.258
2031 Mar	0.0612	0.0000134	399	114	0.302	0.0578	12800	0.0473	0.195	0.000179	0.0197	0.00359	35.3	0.0000478	0.00107	0.011	0.0315	0.259
2031 Apr	0.0612	0.0000134	400	114	0.303	0.0577	12800	0.0473	0.197	0.000179	0.0197	0.00359	35.4	0.0000479	0.00107	0.011	0.0315	0.26
2031 May	0.0612	0.0000134	401	115	0.305	0.0576	12800	0.0474	0.199	0.000179	0.0197	0.00359	35.4	0.000048	0.00107	0.011	0.0315	0.26

Appendix D.2-17: WES02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Jun	0.0615	0.0000134	395	113	0.303	0.0572	12700	0.0471	0.193	0.000185	0.0195	0.00353	34.9	0.0000479	0.00105	0.0108	0.0312	0.256
2031 Jul	0.0619	0.0000134	398	114	0.303	0.0587	12700	0.0474	0.186	0.000186	0.0197	0.00353	35.2	0.0000481	0.00102	0.0109	0.0315	0.258
2031 Aug	0.062	0.0000135	399	114	0.303	0.0593	12800	0.0476	0.182	0.000187	0.0198	0.00353	35.2	0.0000484	0.00101	0.011	0.0317	0.259
2031 Sep	0.0616	0.0000138	396	114	0.304	0.059	12700	0.0478	0.176	0.000185	0.0197	0.0035	35	0.0000486	0.00101	0.0109	0.0315	0.257
2031 Oct	0.0611	0.000014	392	114	0.303	0.0582	12500	0.0478	0.171	0.000183	0.0194	0.00346	34.5	0.0000486	0.00101	0.0108	0.0311	0.254
2031 Nov	0.0611	0.0000139	393	114	0.304	0.058	12600	0.0478	0.173	0.000183	0.0194	0.00346	34.6	0.0000488	0.00102	0.0108	0.0311	0.255
2031 Dec	0.0611	0.0000138	394	114	0.306	0.0578	12600	0.0478	0.176	0.000183	0.0195	0.00347	34.7	0.0000489	0.00102	0.0108	0.0312	0.256
2032 Jan	0.0612	0.0000138	395	115	0.308	0.0578	12700	0.0479	0.179	0.000183	0.0195	0.00348	34.9	0.0000491	0.00103	0.0108	0.0312	0.257
2032 Feb	0.0612	0.0000137	397	115	0.31	0.0578	12700	0.0479	0.182	0.000184	0.0195	0.00349	35	0.0000492	0.00104	0.0108	0.0313	0.258
2032 Mar	0.0612	0.0000136	398	115	0.311	0.0578	12700	0.0479	0.185	0.000184	0.0196	0.00351	35.1	0.0000493	0.00104	0.0108	0.0313	0.258
2032 Apr	0.0612	0.0000136	399	115	0.313	0.0578	12800	0.0479	0.188	0.000184	0.0196	0.00352	35.2	0.0000495	0.00105	0.0108	0.0314	0.259
2032 May	0.0613	0.0000135	400	116	0.314	0.0579	12800	0.048	0.191	0.000185	0.0196	0.00354	35.3	0.0000496	0.00105	0.0108	0.0315	0.26
2032 Jun	0.0606	0.0000136	390	113	0.309	0.0571	12500	0.0473	0.185	0.000182	0.0192	0.00345	34.4	0.0000491	0.00103	0.0106	0.0308	0.253
2032 Jul	0.0596	0.0000139	379	110	0.304	0.0567	12100	0.047	0.171	0.000178	0.0187	0.00336	33.4	0.000049	0.00101	0.0103	0.0301	0.246
2032 Aug	0.0596	0.0000142	379	111	0.303	0.0576	12100	0.0474	0.163	0.000178	0.0188	0.00335	33.3	0.000049	0.000995	0.0104	0.0302	0.246
2032 Sep	0.0597	0.0000142	380	112	0.304	0.058	12100	0.0476	0.161	0.000178	0.0188	0.00336	33.4	0.0000491	0.000993	0.0104	0.0303	0.247
2032 Oct	0.0598	0.0000142	381	112	0.305	0.0582	12200	0.0477	0.161	0.000178	0.0189	0.00337	33.5	0.0000493	0.000995	0.0104	0.0304	0.247
2032 Nov	0.0598	0.0000142	382	112	0.306	0.0581	12200	0.0477	0.162	0.000179	0.0189	0.00338	33.6	0.0000494	0.001	0.0104	0.0304	0.248
2032 Dec	0.0598	0.0000141	383	113	0.307	0.0581	12200	0.0477	0.164	0.000179	0.0189	0.00339	33.6	0.0000495	0.00101	0.0104	0.0304	0.248
2033 Jan	0.0599	0.0000141	384	113	0.309	0.0581	12300	0.0478	0.166	0.000179	0.0189	0.0034	33.7	0.0000496	0.00101	0.0104	0.0305	0.249
2033 Feb	0.0599	0.000014	385	113	0.31	0.0582	12300	0.0478	0.167	0.000179	0.019	0.00342	33.8	0.0000497	0.00102	0.0104	0.0305	0.25
2033 Mar	0.0599	0.000014	386	113	0.311	0.0582	12300	0.0478	0.169	0.00018	0.019	0.00343	33.9	0.0000498	0.00102	0.0105	0.0306	0.25
2033 Apr	0.06	0.0000139	387	114	0.312	0.0583	12400	0.0479	0.171	0.00018	0.019	0.00345	34	0.0000499	0.00103	0.0105	0.0306	0.251
2033 May	0.0603	0.0000139	386	113	0.312	0.0581	12300	0.0477	0.172	0.000183	0.019	0.00345	33.9	0.0000498	0.00103	0.0104	0.0305	0.251
2033 Jun	0.0601	0.000014	378	111	0.309	0.0573	12100	0.0473	0.166	0.000187	0.0186	0.00338	33.2	0.0000496	0.00102	0.0103	0.03	0.245
2033 Jul	0.0603	0.000014	379	111	0.309	0.0584	12100	0.0475	0.16	0.000188	0.0188	0.00339	33.3	0.0000498	0.000996	0.0103	0.0302	0.246
2033 Aug	0.0607	0.0000141	382	112	0.309	0.0597	12200	0.0478	0.155	0.000188	0.019	0.00341	33.6	0.0000499	0.00098	0.0104	0.0305	0.248
2033 Sep	0.0606	0.0000142	381	112	0.308	0.0599	12200	0.048	0.151	0.000187	0.0189	0.00341	33.5	0.00005	0.000975	0.0104	0.0305	0.248
2033 Oct	0.06	0.0000143	376	111	0.306	0.0591	12000	0.0477	0.148	0.000185	0.0187	0.00337	33	0.0000499	0.000972	0.0103	0.0301	0.244
2033 Nov	0.06	0.0000143	377	111	0.307	0.0591	12000	0.0477	0.149	0.000185	0.0187	0.00338	33.1	0.00005	0.000978	0.0103	0.0301	0.245
2033 Dec	0.0601	0.0000142	378	112	0.309	0.0591	12100	0.0478	0.151	0.000185	0.0187	0.0034	33.2	0.0000501	0.000985	0.0103	0.0301	0.245
2034 Jan	0.0601	0.0000142	379	112	0.31	0.0592	12100	0.0478	0.153	0.000185	0.0187	0.00342	33.3	0.0000502	0.000992	0.0103	0.0302	0.246
2034 Feb	0.0602	0.0000141	380	112	0.311	0.0593	12100	0.0478	0.155	0.000185	0.0188	0.00344	33.4	0.0000503	0.000998	0.0103	0.0302	0.247
2034 Mar	0.0602	0.0000141	381	112	0.312	0.0595	12200	0.0479	0.157	0.000186	0.0188	0.00346	33.5	0.0000503	0.001	0.0103	0.0303	0.248
2034 Apr	0.0603	0.000014	382	113	0.313	0.0596	12200	0.0479	0.159	0.000186	0.0188	0.00348	33.6	0.0000504	0.00101	0.0104	0.0304	0.248
2034 May	0.0604	0.000014	383	113	0.314	0.0596	12200	0.0479	0.161	0.000187	0.0189	0.00349	33.7	0.0000505	0.00102	0.0104	0.0304	0.249
2034 Jun	0.0609	0.000014	377	111	0.312	0.0591	12000	0.0474	0.157	0.000195	0.0186	0.00345	33.2	0.0000501	0.000999	0.0102	0.03	0.245
2034 Jul	0.0609	0.0000141	377	111	0.311	0.06	12000	0.0476	0.151	0.000195	0.0187	0.00344	33.1	0.0000503	0.000983	0.0103	0.0301	0.245
2034 Aug	0.0613	0.0000142	380	112	0.311	0.0613	12100	0.048	0.147	0.000195	0.0189	0.00347	33.4	0.0000504	0.000968	0.0104	0.0304	0.247
2034 Sep	0.0611	0.0000143	379	112	0.31	0.0614	12100	0.048	0.144	0.000194	0.0188	0.00346	33.3	0.0000504	0.000965	0.0103	0.0304	0.246
2034 Oct	0.0607	0.0000144	376	112	0.309	0.0609	12000	0.0479	0.141	0.000192	0.0187	0.00344	33	0.0000503	0.000965	0.0103	0.0301	0.244
2034 Nov	0.0607	0.0000143	377	112	0.31	0.061	12000	0.0479	0.143	0.000192	0.0187	0.00346	33.1	0.0000504	0.000971	0.0103	0.0301	0.245
2034 Dec	0.0607	0.0000143	378	112	0.311	0.061	12100	0.048	0.145	0.000192	0.0187	0.00347	33.2	0.0000505	0.000979	0.0103	0.0302	0.245
2035 Jan	0.0608	0.0000142	379	112	0.312	0.0611	12100	0.048	0.146	0.000192	0.0187	0.00349	33.2	0.0000506	0.000985	0.0103	0.0302	0.246
2035 Feb	0.0608	0.0000142	380	113	0.313	0.0613	12100	0.048	0.148	0.000192	0.0188	0.00351	33.3	0.0000506	0.000992	0.0103	0.0303	0.247
2035 Mar	0.0608	0.0000142	381	113	0.314	0.0614	12100	0.0481	0.15	0.000192	0.0188	0.00353	33.4	0.0000507	0.000998	0.0103	0.0303	0.247
2035 Apr	0.0609	0.0000141	382	113	0.315	0.0615	12200	0.0481	0.152	0.000192	0.0188	0.00355	33.5	0.0000508	0.001	0.0103	0.0304	0.248
2035 May	0.0609	0.0000141	383	113	0.317	0.0617	12200	0.0482	0.153	0.000193	0.0189	0.00357	33.6	0.0000509	0.00101	0.0104	0.0304	0.249
2035 Jun	0.0607	0.0000141	375	111	0.311	0.0607	12000	0.0476	0.15	0.000194	0.0185	0.00351	32.9	0.0000497	0.000994	0.0102	0.0299	0.244
2035 Jul	0.0607	0.0000142	375	111	0.309	0.0615	12000	0.0477	0.146	0.000194	0.0186	0.00351	32.9	0.0000494	0.000976	0.0102	0.03	0.244
2035 Aug	0.0609	0.0000143	377	112	0.309	0.0624	12000	0.0479	0.142	0.000194	0.0187	0.00352	33.1	0.0000492	0.000962	0.0103	0.0302	0.245
2035 Sep	0.0606	0.0000144	375	111	0.307	0.0623	11900	0.0479	0.138	0.000192	0.0186	0.00351	32.9	0.0000487	0.000956	0.0102	0.03	0.244
2035 Oct	0.0605	0.0000144	374	112	0.306	0.0622	11900	0.048	0.138	0.000191	0.0186	0.00351	32.8	0.0000485	0.000959	0.0102	0.03	0.243
2035 Nov	0.0605	0.0000144	374	112	0.307	0.0621	11900	0.048	0.139	0.000191	0.0186	0.00352	32.8	0.0000484	0.000964	0.0102	0.0299	0.243
2035 Dec	0.0605	0.0000144	375	112	0.308	0.0622	11900	0.048	0.14	0.000191	0.0186	0.00353	32.9	0.0000485	0.000969	0.0102	0.03	0.244
2036 Jan	0.0605	0.0000144	375	112	0.309	0.0623	12000	0.048	0.141	0.000191	0.0186	0.00355	32.9	0.0000486	0.000975	0.0102	0.03	0.244
2036 Feb	0.0605	0.0000143	376	112	0.309	0.0624	12000	0.048	0.143	0.000191	0.0186	0.00357	33	0.0000487	0.00098	0.0102	0.0301	0.245
2036 Mar	0.0606	0.0000143	377	112	0.31	0.0625	12000	0.0481	0.144	0.000191	0.0187	0.00358	33.1	0.0000488	0.000985	0.0102	0.0301	0.245
2036 Apr	0.0606	0.0000143	378	112	0.311	0.0627	12000	0.0481	0.145	0.000191	0.0187	0.0036	33.1	0.0000489	0.000991	0.0103	0.0301	0.246
2036 May	0.0607	0.0000142	379	113	0.312	0.0628	12100	0.0482	0.147	0.000192	0.0187	0.00362	33.2	0.000049	0.000996	0.0103	0.0302	0.246
2036 Jun	0.0601	0.0000146	373	111	0.31	0.0622	11900	0.0478	0.144	0.00019	0.0185	0.00358	32.7	0.0000482	0.00111	0.0101	0.0298	0.242
2036 Jul	0.0595	0.000015	367	110	0.306	0.0619	11700	0.0475	0.138	0.000187	0.0182	0.00353	32.1	0.0000471	0.00126	0.00999	0.0294	0.238
2036 Aug	0.0596	0.0000152	367	111	0.305	0.0626	11700	0.0477	0.135	0.000187	0.0183	0.00353	32.2	0.0000469	0.00131	0.01	0.0295	0.238
2036 Sep	0.0596	0.0000156	367	111	0.306	0.0628	11700	0.0479	0.133	0.000187	0.0183	0.00354	32.1	0.0000467	0.00142	0.01	0.0294	0.238
2036 Oct	0.0594	0.0000161	364	111	0.306	0.0627	11600	0.0481	0.131	0.000186	0.0182	0.00354	31.9	0.0000463	0.00158	0.00995	0.0292	0.236
2036 Nov	0.0594	0.000016	365	111	0.307	0.0629	11600	0.0481	0.131	0.000186	0.0182	0.00355	31.9	0.0000463	0.00157	0.00997	0.0293	0.237
2036 Dec	0.0595	0.000016	366	112	0.307	0.0632	11700	0.0481	0.132	0.000186	0.0182	0.00357	32	0.0000464	0.00156	0.00999	0.0294	0.237
2037 Jan	0.0595	0.0000159	367	112	0.307	0.0633	11700	0.0481	0.133	0.000186	0.0183	0.00357	32.1	0.0000465	0.00156	0.01	0.0294	0.238
2037 Feb	0.0595	0.0000159	367	112	0.307	0.0633	11700	0.0481	0.133	0.000186	0.0183	0.00357	32.1	0.0000465	0.00156	0.01	0.0294	0.238
2037 Mar	0.0595	0.0000159	367	112	0.308	0.0633	11700	0.0481	0.133	0.000186	0.0183	0.00357	32.1	0.0000465	0.00156	0.01	0.0294	0.238
2037 Apr	0.0595	0.0000159	367	112	0.308	0.0633	11700	0.0481	0.133	0.000186	0.0183	0.00357	32.1	0.0000465	0.00156	0.01	0.0294	0.238
2037 May	0.0597	0.000016	364	111	0.307	0.0629	11600	0.048	0.132	0.000189	0.0182	0.00355	31.9	0.0000462	0.00155	0.00995	0.0292	0.236
2037 Jun	0.0595	0.0000163	353	108	0.301	0.061	11200	0.0476	0.128	0.000194	0.0176	0.00346	30.9	0.0000447	0.00153	0.00968	0.0284	0.228
2037 Jul	0.0594	0.0000164	352	108	0.301	0.0608	11200	0.0478	0.128	0.000194	0.0176	0.00345	30.8	0.0000446	0.00153	0.00966	0.0283	0.228
2037 Aug	0.0594	0.0000167	351	108	0.302	0.0607	11200	0.0481	0.128	0.000194	0.0175	0.00345	30.7	0.0000445	0.00154	0.00965	0.0282	0.227
2037 Sep	0.0591	0.000017	347	107	0.301	0.0601	11000	0.0485	0.127	0.000192	0.0174	0.00343	30.4	0.0000441	0.00154	0.00957	0.028	0.225
2037 Oct	0.0577	0.0000179	330	102	0.294	0.0572	10500	0.0486	0.121	0.000184	0.0166	0.0033	28.9	0.0000419	0.00153	0.00916	0.0267	0.213

Appendix D.2-17: WES02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Nov	0.0573	0.000018	319	99.1	0.286	0.0553	10100	0.0478	0.119	0.000178	0.016	0.0032	27.9	0.0000405	0.0015	0.00887	0.0258	0.206
2037 Dec	0.0572	0.000018	316	98.3	0.284	0.0549	10000	0.0475	0.118	0.000177	0.0159	0.00317	27.7	0.0000402	0.00149	0.00881	0.0256	0.204
2038 Jan	0.0574	0.0000179	315	98	0.284	0.0547	10000	0.0473	0.118	0.000178	0.0159	0.00316	27.6	0.0000401	0.00148	0.00878	0.0255	0.204
2038 Feb	0.0576	0.0000179	314	97.8	0.283	0.0546	9990	0.0472	0.118	0.000179	0.0158	0.00316	27.5	0.00004	0.00148	0.00877	0.0255	0.203
2038 Mar	0.0578	0.0000179	314	97.7	0.283	0.0545	9980	0.0472	0.118	0.00018	0.0158	0.00315	27.5	0.00004	0.00148	0.00876	0.0255	0.203
2038 Apr	0.0579	0.0000179	314	97.7	0.283	0.0545	9980	0.0472	0.118	0.000181	0.0158	0.00315	27.5	0.00004	0.00148	0.00876	0.0255	0.203
2038 May	0.062	0.0000184	271	86	0.265	0.0473	8610	0.0443	0.107	0.000249	0.0138	0.00279	23.8	0.0000347	0.00136	0.00778	0.0223	0.175
2038 Jun	0.0359	0.00000882	30.6	13.5	0.0709	0.00563	935	0.0135	0.0236	0.00021	0.0018	0.000473	2.68	0.00000544	0.00036	0.00131	0.00351	0.0187
2038 Jul	0.0216	0.00000365	10.7	5.27	0.0264	0.00193	311	0.00521	0.0108	0.000103	0.000621	0.000189	0.904	0.00000314	0.000138	0.000491	0.00171	0.00616
2038 Aug	0.0183	0.00000273	6.87	3.78	0.0184	0.00123	192	0.0038	0.0082	0.0000758	0.000402	0.000138	0.567	0.0000027	0.000101	0.000336	0.00137	0.00375
2038 Sep	0.0164	0.00000236	5.25	3.19	0.0152	0.000934	140	0.00326	0.00713	0.0000621	0.00031	0.000117	0.423	0.0000025	0.0000863	0.000268	0.00123	0.00271
2038 Oct	0.0158	0.00000227	4.71	3.01	0.0142	0.000839	123	0.00313	0.00686	0.0000595	0.000281	0.000111	0.375	0.00000243	0.0000828	0.000247	0.00118	0.00236
2038 Nov	0.0158	0.00000228	4.71	3.01	0.0143	0.00084	123	0.00315	0.00687	0.0000595	0.000281	0.000111	0.375	0.00000243	0.0000832	0.000247	0.00118	0.00236
2038 Dec	0.0158	0.00000228	4.71	3.01	0.0143	0.00084	123	0.00315	0.00688	0.0000595	0.000281	0.000111	0.375	0.00000243	0.0000832	0.000247	0.00118	0.00236
2039 Jan	0.0158	0.00000228	4.71	3.01	0.0143	0.00084	123	0.00315	0.00688	0.0000595	0.000281	0.000111	0.375	0.00000243	0.0000832	0.000247	0.00118	0.00236
2039 Feb	0.0158	0.00000228	4.71	3.01	0.0143	0.00084	123	0.00315	0.00688	0.0000596	0.000281	0.000111	0.375	0.00000243	0.0000832	0.000247	0.00118	0.00236
2039 Mar	0.0158	0.00000228	4.71	3.01	0.0143	0.00084	123	0.00315	0.00688	0.0000596	0.000281	0.000111	0.375	0.00000244	0.0000832	0.000247	0.00118	0.00236
2039 Apr	0.0158	0.00000228	4.71	3.02	0.0143	0.00084	123	0.00315	0.00688	0.0000596	0.000281	0.000111	0.375	0.00000244	0.0000832	0.000247	0.00118	0.00236
2039 May	0.0158	0.00000229	4.72	3.02	0.0144	0.000841	123	0.00316	0.00689	0.0000596	0.000282	0.000112	0.375	0.00000244	0.0000835	0.000248	0.00118	0.00236
2039 Jun	0.0162	0.00000264	4.29	3	0.015	0.000786	109	0.00349	0.00726	0.0000592	0.000275	0.000113	0.34	0.00000237	0.0000909	0.000251	0.00118	0.00207
2039 Jul	0.0162	0.0000028	3.69	2.88	0.0149	0.000695	90.2	0.00365	0.00713	0.0000578	0.000253	0.00011	0.289	0.0000023	0.0000939	0.00024	0.00114	0.00168
2039 Aug	0.0159	0.00000266	3.28	2.69	0.0138	0.000616	77.4	0.00341	0.00689	0.0000543	0.000226	0.000103	0.252	0.00000225	0.0000879	0.00022	0.0011	0.00142
2039 Sep	0.0153	0.00000245	3	2.53	0.0127	0.000555	68.4	0.00313	0.00657	0.0000509	0.000204	0.000097	0.226	0.00000222	0.000081	0.000201	0.00106	0.00125
2039 Oct	0.0151	0.00000237	2.88	2.47	0.0122	0.00053	64.6	0.00303	0.00646	0.0000504	0.000195	0.0000947	0.215	0.00000221	0.0000786	0.000194	0.00105	0.00117
2039 Nov	0.0151	0.00000237	2.88	2.47	0.0122	0.00053	64.6	0.00304	0.00647	0.0000504	0.000195	0.0000947	0.215	0.00000221	0.0000786	0.000194	0.00105	0.00117
2039 Dec	0.0151	0.00000237	2.88	2.47	0.0122	0.00053	64.6	0.00304	0.00647	0.0000504	0.000195	0.0000947	0.215	0.00000221	0.0000786	0.000194	0.00105	0.00117
2040 Jan	0.0151	0.00000237	2.88	2.47	0.0122	0.00053	64.6	0.00304	0.00647	0.0000504	0.000195	0.0000947	0.215	0.00000221	0.0000786	0.000194	0.00105	0.00117
2040 Feb	0.0151	0.00000237	2.88	2.47	0.0122	0.00053	64.6	0.00304	0.00647	0.0000504	0.000195	0.0000947	0.215	0.00000221	0.0000786	0.000194	0.00105	0.00117
2040 Mar	0.0151	0.00000237	2.88	2.47	0.0122	0.00053	64.6	0.00304	0.00647	0.0000504	0.000195	0.0000947	0.215	0.00000221	0.0000786	0.000194	0.00105	0.00117
2040 Apr	0.0151	0.00000238	2.88	2.47	0.0122	0.00053	64.6	0.00304	0.00647	0.0000504	0.000195	0.0000947	0.215	0.00000221	0.0000786	0.000194	0.00105	0.00117
2040 May	0.0152	0.00000239	2.88	2.48	0.0123	0.000531	64.6	0.00305	0.0065	0.0000509	0.000196	0.000095	0.215	0.00000221	0.0000079	0.000195	0.00105	0.00117
2040 Jun	0.0159	0.00000256	2.78	2.52	0.0134	0.000522	60.9	0.00322	0.00682	0.000057	0.000197	0.000097	0.207	0.00000219	0.000083	0.000206	0.00105	0.00109
2040 Jul	0.0158	0.00000246	2.59	2.42	0.0127	0.000485	55.4	0.00309	0.0066	0.0000564	0.000184	0.0000935	0.191	0.00000217	0.0000795	0.000196	0.00103	0.000983
2040 Aug	0.0155	0.00000235	2.44	2.33	0.0121	0.000453	50.9	0.00294	0.00638	0.0000542	0.000173	0.0000901	0.177	0.00000216	0.0000758	0.000186	0.00102	0.000894
2040 Sep	0.0152	0.00000224	2.33	2.26	0.0115	0.000427	47.1	0.00281	0.00622	0.000052	0.000163	0.0000872	0.166	0.00000215	0.0000725	0.000177	0.001	0.00082
2040 Oct	0.015	0.00000218	2.27	2.22	0.0112	0.000414	45.4	0.00273	0.00616	0.0000516	0.000158	0.0000856	0.161	0.00000214	0.0000706	0.000173	0.000994	0.000787
2040 Nov	0.015	0.00000219	2.27	2.22	0.0112	0.000414	45.4	0.00273	0.00616	0.0000516	0.000158	0.0000856	0.161	0.00000214	0.0000706	0.000173	0.000994	0.000787
2040 Dec	0.015	0.00000219	2.27	2.22	0.0112	0.000414	45.4	0.00273	0.00616	0.0000516	0.000158	0.0000856	0.161	0.00000214	0.0000706	0.000173	0.000994	0.000787
2041 Jan	0.015	0.00000219	2.27	2.22	0.0112	0.000414	45.4	0.00273	0.00616	0.0000516	0.000158	0.0000856	0.161	0.00000214	0.0000706	0.000173	0.000994	0.000787
2041 Feb	0.015	0.00000219	2.27	2.22	0.0112	0.000414	45.4	0.00273	0.00616	0.0000516	0.000158	0.0000856	0.161	0.00000214	0.0000706	0.000173	0.000994	0.000787
2041 Mar	0.015	0.00000219	2.27	2.22	0.0112	0.000414	45.4	0.00273	0.00616	0.0000516	0.000158	0.0000856	0.161	0.00000214	0.0000706	0.000173	0.000995	0.000787
2041 Apr	0.015	0.00000219	2.27	2.22	0.0112	0.000414	45.4	0.00273	0.00616	0.0000516	0.000158	0.0000856	0.161	0.00000214	0.0000706	0.000173	0.000995	0.000787
2041 May	0.0151	0.00000219	2.27	2.22	0.0113	0.000415	45.5	0.00274	0.00617	0.0000517	0.000158	0.0000857	0.161	0.00000214	0.0000708	0.000173	0.000995	0.000787
2041 Jun	0.0152	0.00000226	2.22	2.22	0.0114	0.000408	43.7	0.00278	0.00631	0.0000519	0.000158	0.0000859	0.157	0.00000213	0.0000719	0.000175	0.000998	0.000752
2041 Jul	0.0152	0.0000023	2.13	2.2	0.0114	0.000396	40.9	0.00283	0.00628	0.0000518	0.000155	0.0000857	0.149	0.00000212	0.0000727	0.000174	0.000992	0.000694
2041 Aug	0.0151	0.00000221	2.05	2.14	0.0109	0.000377	38.5	0.00271	0.00616	0.0000505	0.000148	0.0000835	0.142	0.00000211	0.0000699	0.000168	0.000982	0.00065
2041 Sep	0.0148	0.00000214	1.99	2.1	0.0105	0.000362	36.5	0.00262	0.00604	0.0000491	0.000142	0.0000815	0.136	0.00000211	0.0000676	0.000162	0.000973	0.00061
2041 Oct	0.0147	0.00000211	1.96	2.08	0.0104	0.000355	35.5	0.00258	0.00601	0.0000489	0.000139	0.0000807	0.133	0.0000021	0.0000667	0.00016	0.000969	0.000591
2041 Nov	0.0147	0.00000211	1.96	2.08	0.0104	0.000355	35.5	0.00258	0.00601	0.0000489	0.000139	0.0000808	0.133	0.0000021	0.0000668	0.00016	0.000969	0.000591
2041 Dec	0.0147	0.00000211	1.96	2.08	0.0104	0.000355	35.5	0.00258	0.00601	0.0000489	0.000139	0.0000808	0.133	0.0000021	0.0000668	0.00016	0.000969	0.000591
2042 Jan	0.0148	0.00000211	1.96	2.08	0.0104	0.000355	35.5	0.00258	0.00601	0.0000489	0.000139	0.0000808	0.133	0.0000021	0.0000668	0.00016	0.000969	0.000591
2042 Feb	0.0148	0.00000211	1.96	2.08	0.0104	0.000355	35.5	0.00258	0.00601	0.0000489	0.000139	0.0000808	0.133	0.0000021	0.0000668	0.00016	0.000969	0.000591
2042 Mar	0.0148	0.00000211	1.96	2.08	0.0104	0.000355	35.5	0.00258	0.00601	0.0000489	0.000139	0.0000808	0.133	0.0000021	0.0000668	0.00016	0.000969	0.000591
2042 Apr	0.0148	0.00000211	1.96	2.08	0.0104	0.000355	35.6	0.00258	0.00601	0.0000489	0.000139	0.0000808	0.133	0.0000021	0.0000668	0.00016	0.000969	0.000591
2042 May	0.0148	0.00000211	1.96	2.08	0.0104	0.000356	35.6	0.00259	0.00602	0.000049	0.000139	0.0000809	0.133	0.0000021	0.0000669	0.00016	0.00097	0.000592
2042 Jun	0.0148	0.00000215	1.93	2.08	0.0105	0.000352	34.6	0.00262	0.00609	0.0000491	0.00014	0.000081	0.131	0.0000021	0.0000676	0.000161	0.000971	0.000573
2042 Jul	0.0149	0.00000215	1.87	2.06	0.0104	0.000343	32.9	0.0026	0.00606	0.0000493	0.000137	0.0000803	0.126	0.00000209	0.0000671	0.000159	0.000966	0.00054
2042 Aug	0.0148	0.00000212	1.82	2.03	0.0102	0.000333	31.4	0.00257	0.006	0.0000483	0.000133	0.0000794	0.121	0.00000209	0.0000662	0.000156	0.00096	0.00051
2042 Sep	0.0146	0.00000207	1.78	2	0.00991	0.000323	30.1	0.0025	0.00594	0.0000473	0.000129	0.000078	0.117	0.00000208	0.0000646	0.000152	0.000953	0.000485
2042 Oct	0.0146	0.00000205	1.76	1.99	0.00979	0.000318	29.5	0.00247	0.00591	0.0000471	0.000127	0.0000774	0.116	0.00000208	0.0000638	0.00015	0.00095	0.000473
2042 Nov	0.0146	0.00000205	1.76	1.99	0.00979	0.000318	29.5	0.00247	0.00592	0.0000471	0.000127	0.0000774	0.116	0.00000208	0.0000639	0.00015	0.00095	0.000473
2042 Dec	0.0146	0.00000205	1.76	1.99	0.00979	0.000318	29.5	0.00247	0.00592	0.0000471	0.000127	0.0000774	0.116	0.00000208	0.0000639	0.00015	0.00095	0.000473
2043 Jan	0.0146	0.00000205	1.76	1.99	0.00979	0.000318	29.5	0.00247	0.00592	0.0000471	0.000127	0.0000774	0.116	0.00000208	0.0000639	0.00015	0.00095	0.000473
2043 Feb	0.0146	0.00000205	1.76	1.99	0.00979	0.000318	29.5	0.00247	0.00592	0.0000471	0.000127	0.0000774	0.116	0.00000208	0.0000639	0.00015	0.00095	0.000473
2043 Mar	0.0146	0.00000205	1.76	1.99	0.00979	0.000318	29.5	0.00247	0.00592	0.0000471	0.000127	0.0000774	0.116	0.00000208	0.0000639	0.00015	0.00095	0.000473
2043 Apr	0.0146	0.00000205	1.76	1.99	0.00979	0.000318	29.5	0.00247	0.00592	0.0000471	0.000127	0.0000774	0.116	0.00000208	0.0000639	0.00015	0.00095	0.000473
2043 May	0.0146	0.00000205	1.77	1.99	0.00982	0.000319	29.5	0.00247	0.00593	0.0000473	0.000127	0.0000775	0.116	0.00000208	0.000064	0.000151	0.000951	0.000473
2043 Jun	0.0148	0.00000209	1.75	1.99	0.0101	0.000316	28.9	0.00249	0.00606	0.0000496	0.000127	0.0000777	0.114	0.00000207	0.0000643	0.000154	0.000952	0.00046
2043 Jul	0.0149	0.00000205	1.71	1.96	0.00984	0.000307	27.8	0.00243	0.00601	0.0000497	0.000123	0.0000765	0.111	0.00000207	0.0000628	0.000151	0.000948	0.000441
2043 Aug	0.0148	0.000002	1.68	1.93	0.0096	0.000299	26.9	0.00236	0.00594	0.000049	0.00012	0.0000753	0.108	0.00000207	0.0000613	0.000148	0.000944	0.000422
2043 Sep	0.0147	0.00000195	1.65	1.91	0.00937	0.000291	26	0.0023	0.00588	0.0000481	0.000116	0.0000742	0.105	0.00000207	0.0000598	0.000144	0.000939	0.000405
2043 Oct	0.0146	0.00000193	1.63	1.89	0.00925	0.000287	25.5	0.00227	0.00587	0.000048	0.000115	0.0000736	0.104	0.00000207	0.0000591	0.000143	0.000936	0.000397
2043 Nov	0.0146	0.00000194	1.63	1.89	0.00926	0.000287	25.5	0.00228	0.00589	0.000048	0.000115	0.0000737	0.104	0.00000207	0.0000592	0.000143	0.000936	0.000397
2043 Dec	0.0146	0.00000194	1.63	1.89	0.00926	0.000287	25.5	0.00228	0.00589	0.000048	0.000115	0.0000737	0.104	0.00000207	0.0000592	0.000143	0.000936	0.000397

Appendix D.2-18: WES03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	556	0.0347	0.09	0.00455	350	0.0374	33.3	0.00192	0.000362	0.00000495	0.00394	0.00927	0.146	0.0185	0.00000957	0.186	0.0000134	0.00321	0.000288	0.000742
Operation (2026-2036): Mean	2530	5.8	22.6	0.141	983	0.166	311	0.00736	0.00231	0.0000481	0.0221	0.0452	0.479	0.182	0.000749	89.1	0.0000755	0.00722	0.00134	0.00429
Operation (2026-2036): Max	3560	10.3	42	0.208	1280	0.245	474	0.0115	0.00919	0.00023	0.092	0.0821	1.4	0.919	0.0046	136	0.000106	0.0101	0.0046	0.00639
Active Closure (2037-2043): Min	188	0.0202	0.0552	0.0019	13.4	0.0309	18.1	0.00101	0.000953	0.00000508	0.003	0.000467	0.0133	0.00769	0.00000505	8.42	0.00000715	0.0000862	0.0000985	0.000878
Active Closure (2037-2043): Mean	1310	3.62	11.3	0.0665	431	0.0936	183	0.00535	0.00114	0.00000943	0.00604	0.0246	0.149	0.0257	0.0000161	60.7	0.0000435	0.00368	0.000421	0.00284
Active Closure (2037-2043): Max	2960	9.31	29	0.167	1090	0.191	442	0.0157	0.00149	0.0000162	0.0106	0.0614	0.351	0.0538	0.0000334	142	0.0000996	0.00934	0.000905	0.00589
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2043)																				
2026 Jan	556	0.0347	0.09	0.00455	378	0.0374	33.3	0.00368	0.00368	0.000092	0.0368	0.00927	0.553	0.368	0.00184	0.186	0.0000134	0.00368	0.00184	0.000742
2026 Feb	1060	0.0599	0.151	0.00834	720	0.0712	63.4	0.00703	0.00703	0.000176	0.0703	0.0177	1.06	0.703	0.00351	0.285	0.0000255	0.00703	0.00351	0.00142
2026 Mar	1240	0.0644	0.158	0.00947	843	0.0832	74.1	0.00823	0.00823	0.000206	0.0823	0.0223	1.24	0.823	0.00411	0.272	0.0000298	0.00823	0.00411	0.00165
2026 Apr	1330	0.0647	0.155	0.00993	904	0.0892	79.5	0.00884	0.00884	0.000221	0.0884	0.0293	1.33	0.884	0.00442	0.243	0.000032	0.00884	0.00442	0.00178
2026 May	1390	0.0654	0.156	0.0103	942	0.0929	83.3	0.00919	0.00919	0.00023	0.092	0.0292	1.38	0.919	0.0046	0.289	0.0000333	0.0092	0.0046	0.00185
2026 Jun	2800	2.55	8.42	0.151	1160	0.192	240	0.00593	0.00593	0.000148	0.0611	0.0287	1.05	0.584	0.00285	33	0.0000522	0.0066	0.00303	0.00301
2026 Jul	3140	2.3	7.62	0.141	1190	0.193	268	0.00589	0.00589	0.000148	0.0612	0.0273	1.06	0.583	0.00285	34	0.0000547	0.00655	0.00306	0.00324
2026 Aug	3560	1.87	6.27	0.122	1220	0.19	302	0.00573	0.00573	0.000145	0.0603	0.0251	1.04	0.57	0.0028	34.5	0.0000569	0.00634	0.00306	0.00349
2026 Sep	3540	1.47	4.96	0.102	1210	0.179	296	0.0061	0.0061	0.000154	0.0639	0.0244	1.09	0.608	0.003	31.2	0.0000557	0.00662	0.00325	0.00345
2026 Oct	3430	1.39	4.68	0.0964	1200	0.175	285	0.00629	0.00629	0.000159	0.0657	0.024	1.11	0.627	0.0031	29.5	0.0000545	0.00678	0.00334	0.00337
2026 Nov	2970	1.14	3.81	0.0792	1160	0.159	239	0.00714	0.00714	0.00018	0.0735	0.0244	1.2	0.712	0.00353	23	0.0000503	0.00753	0.00371	0.00305
2026 Dec	2660	0.92	3.07	0.0653	1130	0.147	208	0.00773	0.00773	0.000194	0.079	0.0245	1.26	0.772	0.00383	18.3	0.0000474	0.00804	0.00398	0.00283
2027 Jan	2350	0.76	2.52	0.0551	1050	0.138	180	0.00816	0.00816	0.000205	0.0829	0.0246	1.3	0.815	0.00405	14.9	0.0000452	0.00841	0.00417	0.00268
2027 Feb	2040	0.646	2.13	0.0478	930	0.132	155	0.00846	0.00846	0.000212	0.0857	0.0247	1.34	0.845	0.00421	12.5	0.0000437	0.00867	0.00431	0.00257
2027 Mar	1810	0.558	1.83	0.0422	841	0.127	136	0.00869	0.00869	0.000218	0.0879	0.0247	1.36	0.868	0.00433	10.6	0.0000426	0.00887	0.00441	0.00248
2027 Apr	1630	0.487	1.59	0.0377	770	0.124	121	0.00889	0.00889	0.000223	0.0897	0.0248	1.38	0.888	0.00443	9.11	0.0000417	0.00904	0.0045	0.00241
2027 May	1490	0.433	1.41	0.0343	716	0.121	110	0.00905	0.00905	0.000227	0.0912	0.0258	1.4	0.904	0.00451	8.03	0.0000411	0.00918	0.00457	0.00237
2027 Jun	2280	1.83	6.03	0.113	866	0.173	197	0.007	0.007	0.000175	0.0717	0.0281	1.18	0.695	0.00343	25.9	0.0000504	0.00751	0.00358	0.00294
2027 Jul	2700	2.25	7.46	0.138	926	0.193	239	0.00618	0.00618	0.000155	0.064	0.0275	1.09	0.612	0.003	33.1	0.0000547	0.00682	0.0032	0.00323
2027 Aug	2740	2.04	6.79	0.128	905	0.189	242	0.0063	0.0063	0.000158	0.0653	0.027	1.11	0.624	0.00307	32.1	0.0000549	0.0069	0.00328	0.00327
2027 Sep	2900	1.86	6.21	0.12	896	0.187	256	0.00615	0.00615	0.000155	0.0641	0.0259	1.09	0.61	0.003	32.5	0.0000557	0.00673	0.00323	0.00337
2027 Oct	2640	1.57	8.7	0.105	796	0.169	232	0.00581	0.00581	0.000146	0.0606	0.0234	1.02	0.578	0.00285	28.7	0.0000509	0.00632	0.00306	0.0031
2027 Nov	2140	1.24	12.6	0.0865	657	0.142	186	0.00548	0.00548	0.000138	0.0567	0.0206	0.942	0.545	0.00269	22.7	0.0000435	0.00587	0.00286	0.00263
2027 Dec	1780	1.02	15.1	0.0739	562	0.124	153	0.00531	0.00531	0.000133	0.0547	0.0188	0.895	0.529	0.00262	18.4	0.0000384	0.00563	0.00276	0.00231
2028 Jan	1560	0.893	17.7	0.0668	498	0.111	133	0.005	0.005	0.000126	0.0513	0.0173	0.834	0.498	0.00247	15.8	0.0000345	0.00528	0.00259	0.00207
2028 Feb	1430	0.823	20.4	0.0634	453	0.101	121	0.00454	0.00454	0.000114	0.0467	0.0157	0.758	0.453	0.00224	14.4	0.0000314	0.0048	0.00235	0.00188
2028 Mar	1310	0.762	22.8	0.0604	414	0.0921	111	0.00415	0.00415	0.000104	0.0426	0.0144	0.693	0.414	0.00205	13.2	0.0000287	0.00438	0.00215	0.00172
2028 Apr	1210	0.708	24.9	0.0578	380	0.0845	101	0.00381	0.00381	0.0000956	0.0391	0.0132	0.635	0.38	0.00188	12.1	0.0000263	0.00402	0.00197	0.00158
2028 May	1120	0.661	26.7	0.0555	350	0.078	93.6	0.00351	0.00351	0.0000882	0.0361	0.0124	0.586	0.35	0.00173	11.1	0.0000243	0.00371	0.00182	0.00146
2028 Jun	1490	1.26	26.3	0.0881	448	0.104	135	0.00285	0.00285	0.0000709	0.0298	0.0147	0.521	0.279	0.00136	19.3	0.0000302	0.00324	0.00149	0.00176
2028 Jul	1710	1.81	23.6	0.1	552	0.124	186	0.00265	0.00214	0.0000511	0.0231	0.0168	0.441	0.201	0.000936	30.4	0.0000403	0.00321	0.00115	0.00221
2028 Aug	1850	2.85	27.5	0.0972	616	0.121	218	0.00375	0.00184	0.0000416	0.0195	0.0264	0.397	0.162	0.000728	44.2	0.0000465	0.00393	0.00103	0.00267
2028 Sep	3260	9.01	32.9	0.138	1220	0.18	474	0.0102	0.00139	0.0000203	0.0132	0.0731	0.412	0.0759	0.000159	133	0.000103	0.0101	0.00106	0.00639
2028 Oct	3070	7.48	26.2	0.208	1160	0.245	446	0.0067	0.00103	0.000014	0.0111	0.0514	0.409	0.0525	0.0000285	121	0.000106	0.00958	0.000891	0.00626
2028 Nov	2490	5.97	30.6	0.174	924	0.197	355	0.00522	0.000814	0.0000111	0.00885	0.0406	0.327	0.0415	0.0000224	95.5	0.0000838	0.0075	0.000701	0.00496
2028 Dec	2050	4.91	33.7	0.148	758	0.162	291	0.00427	0.000668	0.00000913	0.00726	0.0332	0.268	0.0341	0.0000184	78.3	0.0000687	0.00614	0.000574	0.00406
2029 Jan	1730	4.12	36	0.129	633	0.135	243	0.00357	0.000557	0.00000763	0.00606	0.0277	0.224	0.0284	0.0000153	65.3	0.0000573	0.00512	0.000479	0.00339
2029 Feb	1490	3.54	37.7	0.114	542	0.116	208	0.00305	0.000477	0.00000653	0.00519	0.0237	0.192	0.0244	0.0000131	55.9	0.000049	0.00438	0.00041	0.0029
2029 Mar	1300	3.09	39.1	0.103	471	0.1	180	0.00265	0.000414	0.00000567	0.0045	0.0206	0.167	0.0211	0.0000114	48.5	0.0000426	0.0038	0.000356	0.00252
2029 Apr	1150	2.71	40.2	0.0935	411	0.0878	158	0.00231	0.000362	0.00000495	0.00394	0.018	0.146	0.0185	0.00000995	42.4	0.0000372	0.00332	0.000311	0.0022
2029 May	1110	2.52	38.3	0.124	422	0.117	155	0.00192	0.000389	0.00000558	0.00397	0.0155	0.157	0.0204	0.00000957	41.5	0.0000404	0.00321	0.000288	0.00208
2029 Jun	2470	10.3	42	0.166	1030	0.161	371	0.0115	0.00136	0.0000156	0.00929	0.0821	0.318	0.0505	0.0000346	136	0.0000901	0.01	0.000827	0.00563
2029 Jul	2270	5.4	20.2	0.188	914	0.198	289	0.0052	0.00103	0.000014	0.00882	0.0415	0.282	0.0403	0.0000222	87.1	0.0000764	0.00551	0.000586	0.00385
2029 Aug	2840	5.67	19.6	0.192	1280	0.19	328	0.00546	0.000991	0.0000181	0.0089	0.04	0.293	0.0421	0.0000215	101	0.0000803	0.0053	0.000685	0.00387
2029 Sep	2880	6.14	20.4	0.182	1270	0.183	339	0.00613	0.00101	0.0000177	0.00892	0.0425	0.295	0.0428	0.0000229	106	0.0000819	0.00584	0.000713	0.00412
2029 Oct	2880	6.35	21.1	0.177	1260	0.178	343	0.00644	0.00102	0.0000174	0.00888	0.0433	0.295	0.0429	0.0000234	107	0.0000821	0.00605	0.000721	0.00421
2029 Nov	2860	6.23	21.5	0.175	1230	0.177	339	0.00628	0.000998	0.0000171	0.00873	0.0424	0.291	0.042	0.0000229	105	0.0000807	0.00591	0.000708	0.00414
2029 Dec	2810	6.14	21.9	0.173	1220	0.174	334	0.00618	0.000982	0.0000168	0.0086	0.0417	0.286	0.0414	0.0000225	104	0.0000794	0.00582	0.000696	0.00408
2030 Jan	2770	6.04	22.3	0.171	1200	0.171	328	0.00608	0.000966	0.0000165	0.00846	0.0411	0.282	0.0407	0.0000221	102	0.0000782	0.00572	0.000685	0.00401
2030 Feb	2730	5.95	22.7	0.168	1180	0.168	323	0.00599	0.000952	0.0000163	0.00833	0.0404	0.278	0.0401	0.0000218	100	0.000077	0.00563	0.000675	0.00395
2030 Mar	2690	5.86	23.1	0.166	1160	0.166	318	0.0059	0.000937	0.000016	0.0082	0.0398	0.273	0.0395	0.0000215	98.9	0.0000758	0.00555	0.000664	0.00389
2030 Apr	2650	5.77	23.5	0.164	1140	0.163	313	0.0058	0.000922	0.0000158	0.00807	0.0392	0.269	0.0389	0.0000211	97.3	0.0000746	0.00546	0.000654	0.00383
2030 May	2580	5.62	23.6	0.166	1120	0.165	307	0.0056	0.000905	0.0000154	0.00794	0.0381	0.266	0.0384	0.0000206	95.1	0.0000737	0.00537	0.000637	0.00375
2030 Jun	2820	7.53	25.9	0.175	1210	0.174	355	0.00801	0.00114	0.0000169	0.00904	0.0575	0.3	0.0456	0.0000269	117	0.0000853	0.0071	0.00075	0.00459
2030 Jul	2690	6.6	22.9	0.169	1110	0.177	341	0.00689	0.00106	0.0000154	0.00895	0.0514	0.293	0.0431	0.0000246	105	0.0000822	0.00642	0.000695	0.00433
2030 Aug	2700	6.56	22.6	0.164	1100	0.174	343	0.00686	0.00104	0.000015	0.0089	0.051	0.293	0.0428	0.0000245	104	0.0000821	0.00648	0.000698	0.00437
2030 Sep	2720	6.87	23.2	0.16	1110	0.17	347	0.00729	0.00106	0.0000151	0.0089	0.0522	0.293	0.0433	0.0000253	108	0.0000828	0.00674	0.000713	0.00448
2030 Oct	2720	6.89	23.4	0.157	1110	0.167	347	0.00734	0.00105	0.0000149	0.00884	0.052	0.291	0.043	0.0000253	108	0.0000823	0.00676	0.000712	0.00448
2030 Nov	2700	6.82	23.6	0.156	1100	0.166	344	0.00726	0.00104	0.0000148	0.00875	0.0514	0.289	0.0425	0.000025	107	0.0000815	0.00669	0.000705	0.00444
2030 Dec	2670	6.76	23.8	0.155	1090	0.165	341	0.00719	0.00103	0.0000146	0.00867	0.051	0.286	0.0421	0.0000248	106	0.0000808	0.00662	0.000698	0.0044
2031 Jan	2650	6.7	24.1	0.154	1080	0.163	338	0.00712	0.00102	0.0000145	0.00859	0.0505	0.284	0.0417	0.0000246	105	0.00008	0.00656	0.000692	0.00436
2031 Feb	2620	6.64	24.3	0.153	1070	0.162	335	0.00706	0.00101	0.0000144	0.00851	0.05	0.281	0.0414	0.0000243	104	0.0000793	0.0065	0.000685	0.00432
2031 Mar	2600	6.58	24.5	0.152	1060	0.16	332	0.00699	0.001	0.0000142	0.00843	0.0496	0.278	0.041	0.0000241	103	0.0000785	0.00644	0.000679	0.00428
2031 Apr	2580	6.52	24.7	0.151	1050	0.159	329	0.00693	0.000994	0.0000141	0.00836	0.0492	0.276	0.0406	0.0000239	102	0.0000778	0.00638	0.000673	0.00424
2031 May	2550	6.43	24.9	0.151	1040	0.159	326	0.00681	0.000983	0.000014	0.00829	0.0502	0.275	0.0403	0.0000236	101	0.0000773	0.00632	0.000665	0.0042

Appendix D.2-18: WES03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Jun	2610	6.98	25	0.16	1060	0.167	338	0.00744	0.00108	0.0000146	0.00868	0.0543	0.286	0.044	0.0000256	108	0.0000813	0.00681	0.000715	0.00446
2031 Jul	2640	6.92	24.8	0.158	1060	0.168	340	0.00739	0.00107	0.0000145	0.00878	0.0547	0.289	0.044	0.0000255	107	0.0000818	0.00679	0.000721	0.0045
2031 Aug	2690	6.97	25	0.157	1070	0.169	345	0.00745	0.00107	0.0000145	0.00888	0.0555	0.293	0.0443	0.0000257	108	0.0000827	0.00688	0.000732	0.00458
2031 Sep	2790	7.28	25.5	0.159	1100	0.173	360	0.0078	0.00109	0.0000147	0.00918	0.0569	0.305	0.0457	0.0000267	113	0.0000861	0.00731	0.000766	0.00484
2031 Oct	2840	7.45	25.8	0.161	1120	0.176	369	0.00796	0.00111	0.0000149	0.00935	0.0571	0.312	0.0465	0.0000273	115	0.0000881	0.00758	0.000784	0.00499
2031 Nov	2820	7.4	26	0.161	1110	0.175	366	0.0079	0.0011	0.0000148	0.00928	0.0567	0.31	0.0462	0.0000271	115	0.0000874	0.00752	0.000778	0.00495
2031 Dec	2800	7.35	26.1	0.16	1100	0.174	363	0.00784	0.00109	0.0000147	0.00922	0.0563	0.308	0.0458	0.0000269	114	0.0000868	0.00747	0.000772	0.00492
2032 Jan	2780	7.3	26.3	0.159	1090	0.173	361	0.00778	0.00108	0.0000146	0.00915	0.0559	0.306	0.0455	0.0000267	113	0.0000862	0.00741	0.000767	0.00488
2032 Feb	2760	7.25	26.4	0.158	1090	0.172	358	0.00773	0.00107	0.0000145	0.00909	0.0555	0.304	0.0452	0.0000265	112	0.0000856	0.00736	0.000762	0.00485
2032 Mar	2740	7.2	26.6	0.157	1080	0.17	356	0.00767	0.00107	0.0000144	0.00902	0.0552	0.302	0.0449	0.0000263	111	0.000085	0.00731	0.000756	0.00481
2032 Apr	2720	7.15	26.7	0.156	1070	0.169	353	0.00762	0.00106	0.0000143	0.00896	0.0548	0.3	0.0446	0.0000261	111	0.0000844	0.00726	0.000751	0.00478
2032 May	2700	7.08	26.9	0.157	1060	0.17	351	0.00752	0.00105	0.0000142	0.00892	0.0543	0.299	0.0444	0.0000259	110	0.0000841	0.00722	0.000745	0.00475
2032 Jun	2810	7.99	27.6	0.168	1120	0.179	371	0.0086	0.00118	0.0000153	0.00946	0.06	0.317	0.0479	0.0000289	120	0.0000896	0.00799	0.000793	0.00511
2032 Jul	2690	7.22	24.9	0.163	1040	0.179	351	0.00768	0.00112	0.0000144	0.00936	0.0541	0.306	0.0455	0.000027	111	0.0000863	0.00733	0.000745	0.00483
2032 Aug	2740	7.38	25.1	0.163	1060	0.181	362	0.00789	0.00113	0.0000146	0.00955	0.0545	0.314	0.0463	0.0000275	113	0.0000883	0.00755	0.000765	0.00498
2032 Sep	2800	7.74	25.8	0.163	1080	0.181	371	0.00835	0.00117	0.0000149	0.00972	0.056	0.32	0.0475	0.0000286	117	0.0000904	0.00788	0.000789	0.00514
2032 Oct	2820	7.87	26.2	0.163	1090	0.181	374	0.00852	0.00118	0.000015	0.00975	0.0565	0.321	0.0478	0.0000289	119	0.0000909	0.00798	0.000796	0.00519
2032 Nov	2810	7.83	26.3	0.162	1080	0.18	372	0.00847	0.00118	0.000015	0.00971	0.0562	0.32	0.0475	0.0000288	118	0.0000904	0.00794	0.000792	0.00516
2032 Dec	2790	7.79	26.4	0.162	1070	0.179	371	0.00842	0.00117	0.0000149	0.00965	0.0559	0.318	0.0473	0.0000286	117	0.0000899	0.00789	0.000788	0.00514
2033 Jan	2780	7.75	26.5	0.161	1070	0.178	369	0.00838	0.00116	0.0000148	0.00961	0.0556	0.316	0.0471	0.0000285	117	0.0000895	0.00785	0.000784	0.00511
2033 Feb	2770	7.72	26.6	0.16	1060	0.177	367	0.00834	0.00116	0.0000147	0.00956	0.0554	0.315	0.0468	0.0000283	116	0.000089	0.00781	0.00078	0.00509
2033 Mar	2750	7.68	26.7	0.16	1060	0.176	365	0.0083	0.00115	0.0000147	0.00951	0.0551	0.313	0.0466	0.0000282	116	0.0000886	0.00778	0.000776	0.00506
2033 Apr	2740	7.65	26.9	0.159	1050	0.176	363	0.00826	0.00115	0.0000146	0.00947	0.0549	0.312	0.0464	0.0000281	115	0.0000882	0.00774	0.000773	0.00504
2033 May	2720	7.56	26.8	0.164	1050	0.18	361	0.00809	0.00114	0.0000145	0.00943	0.0549	0.313	0.0464	0.0000277	114	0.0000881	0.00768	0.000765	0.005
2033 Jun	2660	7.49	25.9	0.166	1020	0.182	356	0.00799	0.00115	0.0000146	0.00945	0.0552	0.311	0.0472	0.0000279	113	0.0000879	0.00762	0.000769	0.00496
2033 Jul	2690	7.44	25.5	0.163	1020	0.182	359	0.00797	0.00115	0.0000145	0.00958	0.0549	0.314	0.0472	0.0000278	113	0.0000884	0.00762	0.000777	0.00502
2033 Aug	2730	7.61	25.9	0.162	1030	0.182	366	0.00819	0.00117	0.0000146	0.0097	0.0557	0.318	0.0479	0.0000283	115	0.0000897	0.00779	0.000791	0.00511
2033 Sep	2770	7.77	26.1	0.162	1040	0.183	373	0.00838	0.00118	0.0000148	0.00982	0.0565	0.323	0.0485	0.0000288	117	0.0000911	0.00797	0.000806	0.00523
2033 Oct	2800	7.9	26.3	0.163	1050	0.184	377	0.00851	0.00119	0.0000149	0.00988	0.0568	0.326	0.0489	0.0000291	119	0.000092	0.0081	0.000815	0.0053
2033 Nov	2790	7.86	26.4	0.163	1040	0.184	376	0.00848	0.00118	0.0000148	0.00984	0.0566	0.325	0.0487	0.000029	118	0.0000916	0.00807	0.000812	0.00528
2033 Dec	2780	7.83	26.5	0.162	1040	0.183	374	0.00844	0.00118	0.0000148	0.0098	0.0563	0.324	0.0485	0.0000289	118	0.0000913	0.00804	0.000809	0.00526
2034 Jan	2770	7.8	26.6	0.162	1040	0.182	373	0.00841	0.00117	0.0000147	0.00977	0.0561	0.323	0.0483	0.0000288	117	0.0000909	0.00801	0.000805	0.00523
2034 Feb	2760	7.77	26.7	0.161	1030	0.181	371	0.00838	0.00117	0.0000147	0.00973	0.0559	0.321	0.0481	0.0000287	117	0.0000905	0.00797	0.000802	0.00521
2034 Mar	2750	7.74	26.8	0.161	1030	0.181	370	0.00834	0.00116	0.0000146	0.00969	0.0557	0.32	0.0479	0.0000286	116	0.0000902	0.00794	0.000799	0.00519
2034 Apr	2740	7.72	26.8	0.16	1020	0.18	368	0.00831	0.00116	0.0000145	0.00966	0.0555	0.319	0.0478	0.0000285	116	0.0000899	0.00792	0.000796	0.00518
2034 May	2720	7.64	26.8	0.164	1020	0.184	366	0.00818	0.00115	0.0000145	0.00961	0.055	0.32	0.0477	0.0000282	115	0.0000898	0.00786	0.000789	0.00514
2034 Jun	2740	8.03	27	0.169	1030	0.187	372	0.00865	0.00121	0.0000151	0.00979	0.0571	0.325	0.0498	0.0000296	120	0.0000918	0.00815	0.000815	0.00526
2034 Jul	2750	7.9	26.5	0.166	1020	0.187	373	0.00852	0.0012	0.0000149	0.00986	0.0565	0.326	0.0495	0.0000293	118	0.0000919	0.0081	0.000817	0.00528
2034 Aug	2780	8.07	26.8	0.166	1040	0.187	379	0.00873	0.00121	0.0000151	0.00997	0.0573	0.33	0.0501	0.0000298	120	0.0000931	0.00826	0.00083	0.00537
2034 Sep	2820	8.16	27	0.167	1040	0.189	384	0.00883	0.00122	0.0000152	0.0101	0.0577	0.334	0.0505	0.0000301	122	0.0000942	0.00838	0.00084	0.00545
2034 Oct	2840	8.21	27	0.167	1050	0.19	387	0.00887	0.00122	0.0000152	0.0101	0.0578	0.337	0.0508	0.0000303	123	0.0000949	0.00848	0.000847	0.0055
2034 Nov	2830	8.19	27.1	0.167	1050	0.189	386	0.00884	0.00122	0.0000152	0.0101	0.0576	0.336	0.0506	0.0000302	122	0.0000946	0.00845	0.000844	0.00549
2034 Dec	2820	8.16	27.1	0.167	1040	0.189	385	0.00881	0.00121	0.0000151	0.0101	0.0574	0.335	0.0505	0.0000301	122	0.0000943	0.00842	0.000841	0.00547
2035 Jan	2810	8.13	27.2	0.166	1040	0.188	383	0.00878	0.00121	0.0000151	0.01	0.0572	0.333	0.0503	0.00003	121	0.000094	0.00839	0.000839	0.00545
2035 Feb	2800	8.11	27.3	0.166	1040	0.188	382	0.00875	0.00121	0.000015	0.00999	0.057	0.332	0.0502	0.0000299	121	0.0000937	0.00837	0.000836	0.00543
2035 Mar	2790	8.08	27.3	0.165	1030	0.187	381	0.00873	0.0012	0.000015	0.00996	0.0569	0.331	0.05	0.0000298	121	0.0000934	0.00834	0.000833	0.00541
2035 Apr	2780	8.06	27.4	0.165	1030	0.186	380	0.0087	0.0012	0.0000149	0.00993	0.0567	0.33	0.0499	0.0000297	120	0.0000931	0.00832	0.000831	0.0054
2035 May	2780	8.02	27.5	0.166	1030	0.187	379	0.00864	0.0012	0.0000149	0.0099	0.0565	0.33	0.0498	0.0000296	120	0.000093	0.00829	0.000827	0.00538
2035 Jun	2780	8.36	27.5	0.171	1040	0.19	382	0.00905	0.00125	0.0000154	0.01	0.0581	0.333	0.0512	0.0000307	123	0.0000943	0.00849	0.000839	0.00544
2035 Jul	2760	8.17	26.9	0.168	1020	0.189	379	0.00885	0.00124	0.0000152	0.01	0.057	0.331	0.0505	0.0000302	121	0.0000936	0.00833	0.00083	0.00539
2035 Aug	2770	8.17	26.9	0.167	1020	0.19	381	0.00886	0.00123	0.0000152	0.0101	0.0572	0.333	0.0507	0.0000303	121	0.0000941	0.00837	0.000834	0.00542
2035 Sep	2810	8.27	26.9	0.168	1030	0.192	387	0.00896	0.00124	0.0000153	0.0102	0.0575	0.338	0.0512	0.0000306	123	0.0000955	0.00854	0.000848	0.00552
2035 Oct	2840	8.44	27.2	0.168	1050	0.192	391	0.00917	0.00126	0.0000154	0.0103	0.0581	0.341	0.0518	0.0000311	125	0.0000964	0.00871	0.00086	0.0056
2035 Nov	2830	8.41	27.2	0.168	1040	0.191	390	0.00913	0.00125	0.0000154	0.0102	0.0578	0.34	0.0516	0.000031	125	0.0000961	0.00867	0.000856	0.00558
2035 Dec	2820	8.39	27.3	0.167	1040	0.191	389	0.0091	0.00125	0.0000153	0.0102	0.0577	0.339	0.0514	0.0000309	124	0.0000958	0.00864	0.000854	0.00557
2036 Jan	2810	8.36	27.3	0.167	1040	0.19	388	0.00908	0.00124	0.0000153	0.0102	0.0575	0.338	0.0513	0.0000308	124	0.0000955	0.00862	0.000851	0.00555
2036 Feb	2810	8.34	27.4	0.167	1030	0.19	387	0.00905	0.00124	0.0000152	0.0102	0.0574	0.337	0.0511	0.0000308	124	0.0000953	0.0086	0.000849	0.00554
2036 Mar	2800	8.32	27.4	0.166	1030	0.189	386	0.00903	0.00124	0.0000152	0.0101	0.0572	0.336	0.051	0.0000307	123	0.000095	0.00857	0.000847	0.00552
2036 Apr	2790	8.3	27.5	0.166	1030	0.189	385	0.00901	0.00124	0.0000152	0.0101	0.0571	0.335	0.0509	0.0000306	123	0.0000948	0.00855	0.000845	0.00551
2036 May	2790	8.27	27.6	0.166	1030	0.189	384	0.00896	0.00123	0.0000151	0.0101	0.0574	0.335	0.0508	0.0000305	123	0.0000947	0.00854	0.000842	0.0055
2036 Jun	2840	8.73	28.1	0.169	1060	0.19	394	0.00954	0.00129	0.0000157	0.0103	0.0598	0.342	0.0523	0.0000319	128	0.000097	0.00891	0.000867	0.00566
2036 Jul	2840	8.64	27.7	0.168	1050	0.191	393	0.00943	0.00128	0.0000156	0.0103	0.0591	0.342	0.0521	0.0000317	127	0.000097	0.00885	0.000864	0.00565
2036 Aug	2860	8.77	28	0.168	1060	0.191	397	0.0096	0.00129	0.0000157	0.0104	0.0598	0.345	0.0526	0.0000321	129	0.0000978	0.00897	0.000873	0.00571
2036 Sep	2880	8.85	28.2	0.168	1060	0.192	401	0.00971	0.0013	0.0000158	0.0105	0.0602	0.347	0.0529	0.0000324	130	0.0000985	0.00906	0.000881	0.00577
2036 Oct	2890	8.92	28.3	0.167	1070	0.192	403	0.0098	0.00131	0.0000159	0.0105	0.0605	0.349	0.0531	0.0000326	131	0.000099	0.00915	0.000887	0.00581
2036 Nov	2890	8.9	28.4	0.167	1070	0.191	402	0.00977	0.0013	0.0000158	0.0105	0.0603	0.348	0.053	0.0000325	131	0.0000987	0.00912	0.000884	0.0058
2036 Dec	2880	8.88	28.4	0.167	1060	0.191	401	0.00974	0.0013	0.0000158	0.0105	0.0602	0.347	0.0529	0.0000324	130	0.0000985	0.0091	0.000882	0.00578
2037 Jan	2880	8.87	28.4	0.167	1060	0.191	400	0.00973	0.0013	0.0000158	0.0104	0.0601	0.346	0.0528	0.0000323	130	0.0000983	0.00909	0.000881	0.00577
2037 Feb	2880	8.87	28.4	0.167	1060	0.191	400	0.00973	0.0013	0.0000158	0.0104	0.0601	0.346	0.0528	0.0000323	130	0.0000983	0.00909	0.000881	0.00577
2037 Mar	2880	8.87	28.4	0.167	1060	0.191	400	0.00973	0.0013	0.0000158	0.0104	0.0601	0.346	0.0528	0.0000323	130	0.0000984	0.00909	0.000881	0.00577
2037 Apr	2880	8.87	28.4	0.167	1060	0.191	401	0.00973	0.0013	0.0000158	0.0104	0.0601	0.347	0.0528	0.0000323	130	0.0000984	0.00909	0.000881	0.00577
2037 May	2870	8.86	28.4	0.167	1060	0.191	400	0.00972	0.0013	0.0000158	0.0104	0.06	0.346	0.0528	0.0000323	130	0.0000983	0.00908	0.000881	0.00577
2037 Jun	2900	9.1	28.7	0.165	1070	0.188	404	0.0101	0.00133	0.000016	0.0105	0.0606	0.347	0.0534	0.000033	133	0.000099	0.00925	0.000895	0.00585
2037 Jul	2910	9.16	28.8	0.166	1080	0.189	406	0.0102	0.00134	0.000016	0.0105	0.0609	0.348	0.0537	0.0000332	134	0.0000993	0.0093	0.000899	0.00587
2037 Aug	2920	9.21	28.9	0.166	1080	0.189	408	0.0103	0.00134	0.0000161	0.0106	0.0611	0.349	0.0538	0.0000333	134	0.0000996	0.00933	0.000902	0.00589
2037 Sep	2940	9.29	29	0.166	1090	0.189	414	0.0107	0.00136	0.0000162	0.0106	0.0614	0.351	0.0538	0.0000334	136	0.0000996	0.00934	0.000905	0.00588
2037 Oct	2940	9.31	29	0.166	1090	0.188	416	0.0109	0.00137	0.0000161	0.0106	0.0614	0.351	0.0537	0.0000334	137	0.0000994	0.00932	0.000904	0.00587

Appendix D.2-18: WES03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Nov	2940	9.31	29	0.166	1090	0.188	416	0.0109	0.00137	0.0000161	0.0106	0.0614	0.351	0.0537	0.0000334	137	0.0000994	0.00932	0.000904	0.00587
2037 Dec	2940	9.31	29	0.166	1090	0.188	416	0.0109	0.00137	0.0000161	0.0106	0.0614	0.351	0.0537	0.0000334	137	0.0000994	0.00932	0.000904	0.00587
2038 Jan	2940	9.31	29	0.166	1090	0.188	416	0.0109	0.00137	0.0000161	0.0106	0.0614	0.351	0.0537	0.0000334	137	0.0000994	0.00932	0.000904	0.00587
2038 Feb	2940	9.31	29	0.166	1090	0.188	416	0.0109	0.00137	0.0000161	0.0106	0.0614	0.351	0.0537	0.0000334	137	0.0000994	0.00932	0.000904	0.00587
2038 Mar	2940	9.31	29	0.166	1090	0.188	416	0.0109	0.00137	0.0000161	0.0106	0.0614	0.351	0.0537	0.0000334	137	0.0000994	0.00932	0.000904	0.00587
2038 Apr	2940	9.31	29	0.166	1090	0.189	416	0.0109	0.00137	0.0000161	0.0106	0.0614	0.351	0.0537	0.0000334	137	0.0000994	0.00932	0.000904	0.00587
2038 May	2940	9.31	29	0.166	1090	0.189	416	0.0109	0.00137	0.0000161	0.0106	0.0614	0.351	0.0537	0.0000334	137	0.0000994	0.00932	0.000904	0.00587
2038 Jun	2920	9.2	28.6	0.163	1070	0.186	414	0.0111	0.00137	0.000016	0.0105	0.0606	0.346	0.0532	0.0000329	136	0.000098	0.00917	0.000898	0.00579
2038 Jul	2930	9.24	28.7	0.164	1070	0.186	416	0.0112	0.00137	0.000016	0.0106	0.0608	0.348	0.0534	0.000033	137	0.0000983	0.00919	0.000902	0.0058
2038 Aug	2950	9.26	28.7	0.164	1080	0.187	421	0.0115	0.00139	0.0000161	0.0106	0.0611	0.349	0.0534	0.0000331	138	0.0000985	0.00921	0.000905	0.00581
2038 Sep	2950	9.22	28.6	0.164	1070	0.186	427	0.012	0.0014	0.0000161	0.0106	0.0612	0.35	0.0532	0.0000331	140	0.0000981	0.00917	0.000905	0.00578
2038 Oct	2950	9.18	28.4	0.163	1060	0.186	430	0.0123	0.00141	0.000016	0.0106	0.0612	0.35	0.0529	0.000033	141	0.0000978	0.00913	0.000903	0.00576
2038 Nov	2950	9.18	28.4	0.163	1060	0.186	430	0.0123	0.00141	0.000016	0.0106	0.0612	0.35	0.0529	0.000033	141	0.0000978	0.00913	0.000903	0.00576
2038 Dec	2950	9.18	28.4	0.163	1060	0.186	430	0.0123	0.00141	0.000016	0.0106	0.0612	0.35	0.0529	0.000033	141	0.0000978	0.00913	0.000903	0.00576
2039 Jan	2950	9.18	28.4	0.163	1060	0.186	430	0.0123	0.00141	0.000016	0.0106	0.0612	0.35	0.0529	0.000033	141	0.0000978	0.00913	0.000903	0.00576
2039 Feb	2950	9.18	28.4	0.163	1060	0.186	430	0.0123	0.00141	0.000016	0.0106	0.0612	0.35	0.0529	0.000033	141	0.0000978	0.00913	0.000903	0.00576
2039 Mar	2950	9.18	28.4	0.163	1060	0.186	430	0.0123	0.00141	0.000016	0.0106	0.0612	0.35	0.0529	0.000033	141	0.0000978	0.00913	0.000903	0.00576
2039 Apr	2960	9.18	28.4	0.163	1070	0.186	430	0.0123	0.00141	0.000016	0.0106	0.0612	0.35	0.0529	0.000033	141	0.0000978	0.00913	0.000903	0.00576
2039 May	2960	9.19	28.5	0.164	1070	0.186	431	0.0123	0.00141	0.000016	0.0106	0.0612	0.35	0.053	0.000033	141	0.0000979	0.00914	0.000904	0.00577
2039 Jun	2910	8.84	27.3	0.158	1030	0.181	430	0.0128	0.00141	0.0000157	0.0105	0.0596	0.342	0.0512	0.000032	140	0.0000952	0.0088	0.000881	0.00559
2039 Jul	2880	8.45	26.1	0.153	981	0.177	430	0.0131	0.00141	0.0000153	0.0103	0.0578	0.335	0.0493	0.000031	138	0.0000923	0.00845	0.000857	0.00541
2039 Aug	2860	8.15	25.1	0.15	948	0.174	442	0.0144	0.00145	0.0000151	0.0103	0.0574	0.333	0.0481	0.0000305	142	0.0000903	0.00824	0.000846	0.00528
2039 Sep	2230	5.81	17.8	0.115	677	0.137	392	0.0157	0.00149	0.0000129	0.0086	0.0456	0.263	0.037	0.0000245	126	0.000068	0.0061	0.000673	0.00404
2039 Oct	412	0.638	1.94	0.015	85.2	0.0424	67.2	0.00331	0.00107	0.00000601	0.00365	0.00591	0.0428	0.011	0.00000734	24.1	0.0000135	0.000718	0.000176	0.00121
2039 Nov	413	0.637	1.93	0.015	85.2	0.0425	67.3	0.0033	0.00107	0.00000601	0.00366	0.00591	0.0429	0.011	0.00000734	24.1	0.0000135	0.000717	0.000176	0.00121
2039 Dec	413	0.637	1.93	0.0149	85.2	0.0425	67.2	0.0033	0.00107	0.00000601	0.00366	0.0059	0.0428	0.011	0.00000733	24.1	0.0000135	0.000717	0.000176	0.00121
2040 Jan	413	0.636	1.93	0.0149	85.1	0.0425	67.2	0.0033	0.00107	0.00000601	0.00367	0.0059	0.0428	0.011	0.00000733	24.1	0.0000135	0.000717	0.000176	0.00121
2040 Feb	413	0.636	1.93	0.0149	85.1	0.0425	67.2	0.0033	0.00107	0.00000601	0.00367	0.0059	0.0428	0.011	0.00000733	24.1	0.0000135	0.000717	0.000176	0.00121
2040 Mar	413	0.636	1.93	0.0149	85.1	0.0425	67.2	0.0033	0.00107	0.00000601	0.00367	0.0059	0.0428	0.011	0.00000733	24.1	0.0000135	0.000717	0.000176	0.00121
2040 Apr	413	0.637	1.93	0.0149	85.2	0.0425	67.3	0.0033	0.00107	0.00000602	0.00367	0.00591	0.0428	0.0111	0.00000734	24.1	0.0000135	0.000717	0.000177	0.00121
2040 May	476	0.628	1.91	0.015	86.1	0.0442	72.2	0.00325	0.00106	0.00000603	0.00377	0.00589	0.046	0.0115	0.00000731	24.7	0.0000143	0.000718	0.000189	0.00126
2040 Jun	687	0.237	0.718	0.00793	50.7	0.0461	71.6	0.00168	0.000953	0.00000549	0.00385	0.00272	0.0461	0.0113	0.00000578	18.7	0.0000151	0.000386	0.000194	0.00133
2040 Jul	416	0.1	0.303	0.0043	28.6	0.0378	41.6	0.00125	0.000968	0.00000525	0.00322	0.00132	0.0273	0.00879	0.00000533	12.3	0.0000105	0.000225	0.000125	0.0011
2040 Aug	320	0.0671	0.201	0.0033	22.5	0.0349	31.8	0.00115	0.000977	0.00000519	0.0031	0.000965	0.0214	0.00828	0.00000522	10.6	0.00000897	0.00017	0.000112	0.00101
2040 Sep	274	0.052	0.154	0.00283	19.8	0.0335	27.1	0.00111	0.000979	0.00000515	0.00307	0.000797	0.0187	0.00812	0.00000517	9.89	0.00000825	0.000131	0.000111	0.00095
2040 Oct	251	0.0466	0.137	0.00265	18.7	0.0328	24.9	0.0011	0.000981	0.00000514	0.00305	0.000732	0.0174	0.00807	0.00000515	9.6	0.00000794	0.000118	0.00011	0.000931
2040 Nov	252	0.0466	0.137	0.00265	18.7	0.0328	25	0.0011	0.000982	0.00000514	0.00305	0.000733	0.0174	0.00807	0.00000515	9.61	0.00000795	0.000118	0.00011	0.000932
2040 Dec	252	0.0466	0.137	0.00265	18.7	0.0328	25	0.0011	0.000982	0.00000514	0.00305	0.000733	0.0174	0.00807	0.00000515	9.61	0.00000795	0.000118	0.00011	0.000932
2041 Jan	252	0.0466	0.137	0.00265	18.7	0.0328	25	0.0011	0.000982	0.00000514	0.00305	0.000733	0.0174	0.00807	0.00000515	9.61	0.00000795	0.000118	0.00011	0.000932
2041 Feb	252	0.0466	0.137	0.00265	18.7	0.0328	25	0.0011	0.000982	0.00000514	0.00305	0.000733	0.0174	0.00807	0.00000515	9.61	0.00000795	0.000118	0.00011	0.000932
2041 Mar	252	0.0466	0.137	0.00265	18.7	0.0328	25	0.0011	0.000982	0.00000514	0.00305	0.000733	0.0175	0.00807	0.00000515	9.61	0.00000795	0.000118	0.00011	0.000932
2041 Apr	252	0.0466	0.137	0.00265	18.7	0.0328	25	0.0011	0.000982	0.00000514	0.00305	0.000733	0.0175	0.00808	0.00000515	9.61	0.00000795	0.000118	0.00011	0.000932
2041 May	254	0.0468	0.137	0.00266	18.8	0.0329	25.2	0.0011	0.000982	0.00000515	0.00306	0.000736	0.0176	0.00808	0.00000516	9.63	0.00000798	0.000118	0.00011	0.000934
2041 Jun	276	0.044	0.13	0.00269	18.8	0.0334	26.9	0.00108	0.000976	0.00000513	0.0031	0.000731	0.0187	0.00802	0.00000513	9.69	0.00000837	0.000122	0.000109	0.000948
2041 Jul	296	0.0394	0.117	0.00267	18.5	0.0339	28.4	0.00105	0.00097	0.00000512	0.00309	0.000704	0.0195	0.00787	0.0000051	9.63	0.00000856	0.000126	0.000106	0.000964
2041 Aug	266	0.0348	0.102	0.00247	17.3	0.0331	25.6	0.00105	0.000977	0.00000513	0.00306	0.000644	0.0178	0.00783	0.00000511	9.29	0.00000816	0.000117	0.000104	0.000941
2041 Sep	244	0.0314	0.0915	0.00233	16.4	0.0325	23.6	0.00104	0.00098	0.00000512	0.00305	0.000599	0.0166	0.00781	0.0000051	9.07	0.00000786	0.000105	0.000104	0.000919
2041 Oct	237	0.03	0.0871	0.00227	16.1	0.0322	22.8	0.00104	0.00098	0.00000511	0.00304	0.00058	0.0162	0.0078	0.00000509	8.98	0.00000774	0.0000994	0.000104	0.000912
2041 Nov	237	0.03	0.0871	0.00227	16.1	0.0323	22.9	0.00104	0.000981	0.00000511	0.00304	0.00058	0.0162	0.0078	0.00000509	8.99	0.00000775	0.0000995	0.000104	0.000913
2041 Dec	237	0.03	0.0871	0.00227	16.1	0.0323	22.9	0.00104	0.000981	0.00000511	0.00304	0.00058	0.0162	0.0078	0.00000509	8.99	0.00000775	0.0000995	0.000104	0.000913
2042 Jan	237	0.03	0.0871	0.00227	16.1	0.0323	22.9	0.00104	0.000981	0.00000511	0.00304	0.00058	0.0162	0.0078	0.00000509	8.99	0.00000775	0.0000995	0.000104	0.000913
2042 Feb	237	0.03	0.0871	0.00227	16.1	0.0323	22.9	0.00104	0.000981	0.00000511	0.00304	0.00058	0.0162	0.00781	0.00000509	8.99	0.00000775	0.0000995	0.000104	0.000913
2042 Mar	237	0.03	0.0871	0.00227	16.1	0.0323	22.9	0.00104	0.000981	0.00000511	0.00304	0.00058	0.0162	0.00781	0.00000509	8.99	0.00000775	0.0000995	0.000104	0.000913
2042 Apr	237	0.0301	0.0872	0.00227	16.1	0.0323	22.9	0.00104	0.000981	0.00000512	0.00305	0.000581	0.0162	0.00781	0.0000051	8.99	0.00000776	0.0000995	0.000104	0.000913
2042 May	238	0.0301	0.0874	0.00228	16.1	0.0323	23	0.00104	0.000983	0.00000512	0.00305	0.000582	0.0163	0.00782	0.0000051	9.01	0.00000777	0.0000998	0.000104	0.000915
2042 Jun	242	0.0293	0.0851	0.00228	16	0.0324	23.3	0.00103	0.00098	0.00000511	0.00306	0.00058	0.0165	0.00779	0.00000509	9	0.00000787	0.000102	0.000103	0.000918
2042 Jul	238	0.0275	0.0796	0.00223	15.5	0.0322	22.8	0.00103	0.000979	0.0000051	0.00303	0.000562	0.0161	0.00773	0.00000508	8.88	0.00000781	0.000104	0.0001	0.000917
2042 Aug	231	0.0259	0.0746	0.00217	15.1	0.032	22.2	0.00102	0.000978	0.00000509	0.00302	0.000544	0.0157	0.0077	0.00000507	8.78	0.00000768	0.000101	0.0000995	0.000909
2042 Sep	222	0.0245	0.0699	0.00211	14.8	0.0317	21.3	0.00102	0.000979	0.00000509	0.00302	0.000524	0.0152	0.0077	0.00000506	8.69	0.00000753	0.0000944	0.0001	0.000898
2042 Oct	218	0.0239	0.0678	0.00208	14.6	0.0316	20.9	0.00102	0.000978	0.00000508	0.00301	0.000515	0.015	0.00769	0.00000505	8.65	0.00000747	0.0000914	0.0001	0.000894
2042 Nov	218	0.0239	0.0678	0.00208	14.6	0.0316	20.9	0.00102	0.000979	0.00000508	0.00302	0.000515	0.015	0.0077	0.00000505	8.65	0.00000747	0.0000915	0.0001	0.000894
2042 Dec	218	0.0239	0.0678	0.00208	14.6	0.0316	20.9	0.00102	0.000979	0.00000508	0.00302	0.000515	0.015	0.0077	0.00000505	8.65	0.00000747	0.0000915	0.0001	0.000894
2043 Jan	218	0.0239	0.0678	0.00208	14.6	0.0316	20.9	0.00102	0.000979	0.00000508	0.00302	0.000515	0.015	0.0077	0.00000505	8.65	0.00000747	0.0000915	0.0001	0.000894
2043 Feb	218	0.0239	0.0678	0.00208	14.6	0.0316	20.9	0.00102	0.000979	0.00000508	0.00302	0.000515	0.015	0.0077	0.00000505	8.65	0.00000747	0.0000915	0.0001	0.000894
2043 Mar	218	0.0239	0.0678	0.00208	14.6	0.0316	20.9	0.00102	0.000979	0.00000508	0.00302	0.000515	0.015	0.0077	0.00000505	8.65	0.00000747	0.0000915	0.0001	0.000894
2043 Apr	218	0.0239	0.0679	0.00208	14.6	0.0316	20.9	0.00102	0.000979	0.00000508	0.00302	0.000515	0.015	0.0077	0.00000506	8.65	0.00000748	0.0000915	0.0001	0.000895
2043 May	219	0.0239	0.068	0.00208	14.6	0.0317	21	0.00102	0.00098	0.00000509	0.00302	0.000517	0.0151	0.00772	0.00000506	8.67	0.0000075	0.0000918	0.000101	0.000896
2043 Jun	222	0.0238	0.0672	0.00209	14.6	0.0317	21.2	0.00101	0.000978	0.00000508	0.00303	0.000521	0.0152	0.0078	0.00000505	8.76	0.00000758	0.0000946	0.000102	0.0009
2043 Jul	212	0.0227	0.0634	0.00203	14.2	0.0315	20.3	0.00101	0.000982	0.00000509	0.00301	0.000505	0.0146	0.00778	0.00000506	8.64	0.00000746	0.0000957	0.0000994	0.000898
2043 Aug	202	0.0216	0.0599	0.00197	13.9	0.0313	19.4	0.00102	0.000985	0.0000051	0.003	0.000489	0.014	0.00777	0.00000507	8.54	0.00000734	0.0000936	0.0000985	0.000891
2043 Sep	192	0.0206	0.0567	0.00192	13.6	0.031	18.5	0.00102	0.000987	0.0000051	0.003	0.000474	0.0135	0.00777	0.00000507	8.46	0.00000721	0.0000886	0.0000987	0.000881
2043 Oct	188	0.0202	0.0552	0.0019	13.4	0.0309	18.1	0.00101	0.000987	0.00000509	0.003	0.000467	0.0133	0.00777	0.00000507	8.42	0.00000715	0.0000862	0.0000987	0.000878
2043 Nov	188	0.0203	0.0552	0.0019	13.4	0.0309	18.1	0.00101	0.000986	0.00000509	0.003	0.000467	0.0133	0.00777	0.00000507	8.42	0.00000716	0.0000863	0.0000987	0.000878
2043 Dec	188	0.0203	0.0552	0.0019	13.4	0.0309	18.1	0.00101	0.000986	0.00000509	0.003	0.000467	0.0133	0.00777	0.00000507	8.42	0.00000716	0.0000863	0.0000987	0.000878

Appendix D.2-18: WES03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.00894	0.00000369	5.04	1.45	0.0194	0.00237	152	0.00922	0.00398	0.0000462	0.000525	0.000369	0.481	0.0000281	0.00184	0.000641	0.000375	0.000491
Operation (2026-2036): Mean	0.0579	0.0000165	27.4	46.6	0.452	0.0117	495	0.0397	1.2	0.000268	0.0024	0.00147	1.63	0.000133	0.00522	0.016	0.00305	0.00288
Operation (2026-2036): Max	0.23	0.0000246	38.9	79.7	0.71	0.046	632	0.0606	4.25	0.00092	0.00833	0.00233	2.37	0.00046	0.00779	0.0919	0.004	0.0082
Active Closure (2037-2043): Min	0.014	0.00000174	1.03	1.93	0.00851	0.000193	6	0.00182	0.00624	0.0000438	0.0000717	0.0000684	0.0482	0.00000206	0.0000586	0.000113	0.000877	0.00000251
Active Closure (2037-2043): Mean	0.0214	0.00000874	15.9	30.5	0.277	0.00253	232	0.0223	0.441	0.00011	0.000617	0.000906	0.767	0.0000321	0.0028	0.000956	0.00213	0.000753
Active Closure (2037-2043): Max	0.034	0.000019	38.7	75	0.692	0.00617	588	0.0542	1.15	0.000211	0.00143	0.00219	1.88	0.0000798	0.00714	0.00225	0.00404	0.0019
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2043)																		
2026 Jan	0.0921	0.00000369	5.4	1.45	0.0194	0.0184	173	0.00922	0.00398	0.000368	0.00331	0.000369	0.481	0.000184	0.00184	0.0368	0.000375	0.00328
2026 Feb	0.176	0.00000705	10.3	2.75	0.0366	0.0352	330	0.0176	0.00748	0.000704	0.00633	0.000704	0.916	0.000352	0.00352	0.0703	0.000713	0.00627
2026 Mar	0.206	0.00000825	12	3.2	0.0425	0.0412	386	0.0206	0.00865	0.000824	0.00741	0.000824	1.07	0.000412	0.00412	0.0823	0.000832	0.00734
2026 Apr	0.221	0.00000886	12.9	3.43	0.0454	0.0442	414	0.0221	0.00921	0.000885	0.00796	0.000885	1.15	0.000442	0.00442	0.0884	0.000892	0.00788
2026 May	0.23	0.00000925	13.4	3.59	0.0473	0.046	431	0.0231	0.00953	0.00092	0.00828	0.000922	1.19	0.00046	0.0046	0.0919	0.00093	0.0082
2026 Jun	0.154	0.0000152	20.8	14.7	0.189	0.0329	558	0.0275	0.047	0.000604	0.00584	0.000928	1.95	0.000344	0.00369	0.0574	0.00208	0.00581
2026 Jul	0.154	0.0000173	19.6	15.9	0.185	0.0327	552	0.0307	0.0416	0.000602	0.00592	0.000976	1.85	0.000336	0.00372	0.0574	0.0021	0.0057
2026 Aug	0.151	0.00002	17.5	17.3	0.173	0.0318	532	0.0346	0.0327	0.000587	0.00591	0.00102	1.66	0.000318	0.00368	0.0565	0.00208	0.00545
2026 Sep	0.16	0.0000202	16.1	16.6	0.154	0.0332	514	0.0354	0.026	0.000622	0.00622	0.00104	1.53	0.000328	0.00379	0.0605	0.00196	0.00568
2026 Oct	0.164	0.0000196	15.9	15.9	0.148	0.0341	511	0.0348	0.0252	0.00064	0.00636	0.00104	1.51	0.000336	0.00385	0.0625	0.00189	0.00584
2026 Nov	0.184	0.0000173	15.9	13.1	0.128	0.0377	504	0.0324	0.0228	0.000722	0.00695	0.00103	1.48	0.000375	0.00412	0.071	0.0017	0.00655
2026 Dec	0.197	0.0000157	15.6	11.2	0.112	0.0403	497	0.0308	0.0203	0.000779	0.00738	0.00102	1.45	0.000401	0.0043	0.077	0.00155	0.00704
2027 Jan	0.207	0.0000147	14.5	9.58	0.101	0.0421	463	0.0297	0.0184	0.000821	0.00768	0.00102	1.34	0.00042	0.00443	0.0813	0.00145	0.00685
2027 Feb	0.214	0.0000139	12.9	8.21	0.0924	0.0434	412	0.0289	0.0171	0.00085	0.0079	0.00101	1.19	0.000433	0.00452	0.0844	0.00138	0.00621
2027 Mar	0.22	0.0000133	11.7	7.17	0.0862	0.0444	373	0.0283	0.0161	0.000873	0.00806	0.00101	1.08	0.000443	0.0046	0.0867	0.00132	0.00572
2027 Apr	0.224	0.0000128	10.7	6.33	0.0811	0.0452	343	0.0279	0.0152	0.000892	0.0082	0.00101	0.984	0.000452	0.00466	0.0887	0.00128	0.00533
2027 May	0.228	0.0000125	9.99	5.73	0.0775	0.046	319	0.0276	0.0146	0.000908	0.00833	0.00101	0.914	0.000459	0.00471	0.0903	0.00125	0.00503
2027 Jun	0.18	0.0000154	14.7	11.8	0.155	0.0375	405	0.0292	0.0355	0.000709	0.00675	0.000988	1.39	0.000383	0.00408	0.0688	0.00185	0.00402
2027 Jul	0.161	0.0000172	15.9	14.6	0.182	0.0341	431	0.0309	0.0412	0.000629	0.00616	0.000993	1.51	0.00035	0.00384	0.0604	0.00209	0.00351
2027 Aug	0.164	0.0000178	14.7	14.5	0.174	0.0345	412	0.0319	0.0375	0.000641	0.00628	0.00101	1.41	0.000351	0.00388	0.0617	0.00205	0.00335
2027 Sep	0.16	0.0000189	13.5	15.1	0.169	0.0337	393	0.0335	0.0336	0.000626	0.00621	0.00103	1.3	0.000339	0.00383	0.0605	0.00203	0.00304
2027 Oct	0.152	0.0000176	11.5	13.6	0.149	0.0317	344	0.0313	0.465	0.000591	0.00585	0.000954	1.11	0.000316	0.00358	0.0574	0.00183	0.00266
2027 Nov	0.142	0.0000148	9.41	10.9	0.122	0.0294	284	0.027	1.09	0.000556	0.00542	0.000844	0.907	0.000294	0.00327	0.0542	0.00153	0.00234
2027 Dec	0.137	0.0000129	8.05	8.9	0.103	0.0282	243	0.0241	1.5	0.000538	0.00518	0.000771	0.773	0.000282	0.00309	0.0527	0.00133	0.00215
2028 Jan	0.128	0.0000115	7.14	7.7	0.0908	0.0264	216	0.0218	1.87	0.000505	0.00484	0.000706	0.684	0.000264	0.00287	0.0496	0.00118	0.00198
2028 Feb	0.117	0.0000104	6.5	7.01	0.0826	0.024	197	0.0198	2.25	0.000459	0.0044	0.000642	0.622	0.00024	0.00261	0.0451	0.00108	0.0018
2028 Mar	0.107	0.00000955	5.95	6.41	0.0756	0.0219	180	0.0181	2.57	0.00042	0.00402	0.000586	0.569	0.000219	0.00238	0.0412	0.000985	0.00165
2028 Apr	0.0979	0.00000876	5.46	5.88	0.0694	0.0201	165	0.0166	2.86	0.000385	0.00369	0.000538	0.523	0.000201	0.00219	0.0378	0.000903	0.00151
2028 May	0.0902	0.00000808	5.04	5.43	0.064	0.0186	152	0.0153	3.11	0.000355	0.0034	0.000496	0.482	0.000186	0.00202	0.0348	0.000834	0.00139
2028 Jun	0.0751	0.00000988	7.88	8.35	0.102	0.0159	206	0.0165	2.82	0.000291	0.0029	0.000509	0.753	0.000163	0.00192	0.0274	0.00119	0.00131
2028 Jul	0.059	0.0000133	11.2	14.2	0.15	0.0125	246	0.0202	2.32	0.000226	0.00237	0.000611	0.904	0.000125	0.00242	0.0192	0.00162	0.00109
2028 Aug	0.0494	0.000014	14.5	23.5	0.212	0.0106	280	0.0252	2.58	0.000197	0.00208	0.000837	0.893	0.000102	0.00311	0.0151	0.00181	0.000967
2028 Sep	0.029	0.0000233	37.4	77.9	0.634	0.00768	589	0.0606	1.76	0.000165	0.00184	0.00233	1.41	0.0000572	0.00779	0.00489	0.00356	0.00101
2028 Oct	0.025	0.0000246	34.2	63.8	0.613	0.00703	596	0.0522	1.08	0.000132	0.00162	0.00189	1.96	0.0000767	0.00642	0.00217	0.00374	0.00137
2028 Nov	0.02	0.0000196	27.2	50.2	0.484	0.00568	477	0.0411	2.07	0.000104	0.00129	0.00149	1.58	0.0000626	0.00503	0.0017	0.00298	0.0011
2028 Dec	0.0164	0.000016	22.3	41.1	0.397	0.00467	391	0.0337	2.78	0.0000849	0.00106	0.00122	1.3	0.0000516	0.00412	0.00139	0.00244	0.000903
2029 Jan	0.0137	0.0000134	18.7	34.3	0.331	0.0039	327	0.0281	3.31	0.000071	0.000884	0.00102	1.09	0.0000431	0.00344	0.00116	0.00204	0.000755
2029 Feb	0.0118	0.0000114	16	29.4	0.284	0.00334	280	0.024	3.7	0.0000608	0.000757	0.00087	0.931	0.000037	0.00294	0.000994	0.00175	0.000647
2029 Mar	0.0102	0.00000992	13.9	25.5	0.246	0.0029	243	0.0209	4	0.0000529	0.000657	0.000755	0.809	0.0000321	0.00255	0.000863	0.00152	0.000562
2029 Apr	0.00894	0.00000867	12.1	22.3	0.215	0.00254	212	0.0182	4.25	0.0000462	0.000574	0.00066	0.707	0.0000281	0.00223	0.000754	0.00132	0.000491
2029 May	0.00971	0.00000848	12.6	20.1	0.256	0.00237	229	0.0167	3.99	0.0000475	0.000525	0.000564	1.06	0.0000514	0.00218	0.000641	0.00157	0.000831
2029 Jun	0.0232	0.0000133	38.9	79.7	0.71	0.00511	593	0.0522	2.49	0.000149	0.00112	0.00219	1.71	0.0000796	0.00718	0.00208	0.00364	0.0015
2029 Jul	0.0278	0.0000162	26.4	41.2	0.48	0.00462	486	0.0325	0.881	0.000122	0.0011	0.00112	2.07	0.0000925	0.00424	0.00142	0.00363	0.00284
2029 Aug	0.0269	0.0000175	30.5	40.9	0.448	0.00537	632	0.0334	0.852	0.000117	0.00141	0.00114	2.37	0.0000807	0.00426	0.00155	0.00383	0.00607
2029 Sep	0.0259	0.0000175	31.4	45.5	0.471	0.00539	626	0.0363	0.858	0.00012	0.00141	0.00129	2.23	0.0000754	0.00464	0.00164	0.00376	0.00553
2029 Oct	0.0254	0.0000173	31.7	47.6	0.48	0.00536	622	0.0375	0.902	0.00012	0.0014	0.00135	2.16	0.000073	0.00479	0.00167	0.00371	0.00526
2029 Nov	0.0249	0.0000171	31.1	46.7	0.47	0.0053	611	0.0369	0.973	0.000118	0.00138	0.00133	2.12	0.0000719	0.00469	0.00164	0.00365	0.00514
2029 Dec	0.0245	0.0000169	30.6	45.9	0.463	0.00522	601	0.0363	1.05	0.000116	0.00136	0.0013	2.09	0.0000709	0.00461	0.00161	0.00359	0.00506
2030 Jan	0.0242	0.0000166	30.1	45.2	0.456	0.00514	592	0.0357	1.13	0.000114	0.00133	0.00128	2.06	0.0000698	0.00454	0.00159	0.00353	0.00498
2030 Feb	0.0238	0.0000164	29.7	44.5	0.449	0.00506	583	0.0352	1.2	0.000112	0.00131	0.00126	2.03	0.0000687	0.00447	0.00156	0.00348	0.0049
2030 Mar	0.0234	0.0000161	29.2	43.8	0.442	0.00498	574	0.0346	1.28	0.00011	0.00129	0.00124	2	0.0000677	0.0044	0.00154	0.00342	0.00483
2030 Apr	0.0231	0.0000158	28.8	43.1	0.435	0.0049	565	0.0341	1.35	0.000109	0.00127	0.00122	1.96	0.0000666	0.00433	0.00152	0.00337	0.00475
2030 May	0.0227	0.0000156	28.2	42	0.432	0.00479	554	0.0332	1.4	0.000106	0.00124	0.00119	1.97	0.0000686	0.00424	0.00147	0.00333	0.00464
2030 Jun	0.025	0.0000161	34.2	57.1	0.556	0.00528	615	0.0419	1.2	0.00013	0.00131	0.00161	2.06	0.0000776	0.00556	0.00179	0.00375	0.00415
2030 Jul	0.025	0.000017	31.1	51.2	0.513	0.00512	559	0.0393	1.03	0.000124	0.00128	0.00145	1.96	0.0000752	0.00519	0.00167	0.0036	0.00354
2030 Aug	0.0244	0.0000172	30.9	51.5	0.509	0.00512	550	0.0397	1.03	0.000123	0.00128	0.00147	1.9	0.0000719	0.00523	0.00169	0.00354	0.00335
2030 Sep	0.0241	0.0000169	31.6	53.9	0.522	0.00512	556	0.041	1.03	0.000125	0.00128	0.00154	1.86	0.0000701	0.00541	0.00173	0.00353	0.00325
2030 Oct	0.0237	0.0000168	31.6	54.3	0.521	0.00509	552	0.0412	1.06	0.000124	0.00128	0.00155	1.82	0.0000686	0.00543	0.00173	0.00349	0.00317
2030 Nov	0.0235	0.0000167	31.2	53.7	0.515	0.00504	547	0.0408	1.1	0.000122	0.00126	0.00154	1.8	0.0000679	0.00537	0.00172	0.00346	0.00313
2030 Dec	0.0233	0.0000165	30.9	53.2	0.51	0.005	542	0.0404	1.15	0.000121	0.00125	0.00152	1.79	0.0000673	0.00532	0.0017	0.00343	0.0031
2031 Jan	0.0231	0.0000164	30.7	52.7	0.506	0.00495	536	0.04	1.19	0.00012	0.00124	0.00151	1.77	0.0000667	0.00527	0.00168	0.00339	0.00307
2031 Feb	0.0229	0.0000162	30.4	52.2	0.501	0.00491	532	0.0397	1.23	0.000119	0.00123	0.00149	1.75	0.0000661	0.00522	0.00167	0.00336	0.00305
2031 Mar	0.0226	0.0000161	30.1	51.7	0.496	0.00486	527	0.0393	1.28	0.000118	0.00122	0.00148	1.74	0.0000655	0.00517	0.00165	0.00333	0.00302
2031 Apr	0.0224	0.0000159	29.8	51.3	0.492	0.00482	522	0.0389	1.32	0.000117	0.00121	0.00147	1.72	0.0000649	0.00512	0.00164	0.0033	0.00299
2031 May	0.0223	0.0000158	29.5	50.6	0.489	0.00477	518	0.0385	1.36	0.000116	0.00119	0.00144	1.72	0.0000655	0.00507	0.00162	0.00328	0.00296

Appendix D.2-18: WES03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Jun	0.0263	0.0000159	31.4	54.7	0.536	0.00492	539	0.0406	1.22	0.000155	0.0012	0.00155	1.82	0.000073	0.0054	0.00173	0.00348	0.00286
2031 Jul	0.0268	0.0000164	31.3	54.6	0.533	0.00495	535	0.0411	1.22	0.000159	0.00123	0.00156	1.8	0.0000712	0.00543	0.00175	0.00347	0.00277
2031 Aug	0.0268	0.0000168	31.5	55.3	0.536	0.00501	537	0.0419	1.23	0.00016	0.00125	0.00158	1.78	0.0000702	0.0055	0.00178	0.00349	0.00272
2031 Sep	0.0269	0.0000176	32.6	58.2	0.556	0.0052	553	0.0443	1.21	0.000162	0.0013	0.00167	1.79	0.0000696	0.00577	0.00187	0.00356	0.00266
2031 Oct	0.0268	0.000018	33.3	59.8	0.568	0.00532	563	0.0456	1.2	0.000162	0.00133	0.00172	1.81	0.0000701	0.00591	0.00192	0.0036	0.00261
2031 Nov	0.0266	0.0000179	33	59.4	0.564	0.00529	559	0.0452	1.23	0.000161	0.00132	0.00171	1.79	0.0000697	0.00587	0.0019	0.00358	0.0026
2031 Dec	0.0264	0.0000177	32.8	58.9	0.56	0.00525	555	0.0449	1.27	0.00016	0.00132	0.0017	1.78	0.0000692	0.00583	0.00189	0.00355	0.00258
2032 Jan	0.0263	0.0000176	32.6	58.5	0.556	0.00522	551	0.0446	1.3	0.000159	0.00131	0.00168	1.77	0.0000687	0.00579	0.00187	0.00353	0.00256
2032 Feb	0.0261	0.0000175	32.4	58.1	0.552	0.00518	547	0.0443	1.33	0.000158	0.0013	0.00167	1.76	0.0000682	0.00575	0.00186	0.0035	0.00254
2032 Mar	0.0259	0.0000174	32.1	57.7	0.548	0.00514	543	0.044	1.37	0.000157	0.00129	0.00166	1.74	0.0000678	0.0057	0.00185	0.00348	0.00252
2032 Apr	0.0257	0.0000172	31.9	57.3	0.545	0.00511	540	0.0437	1.4	0.000156	0.00128	0.00165	1.73	0.0000673	0.00567	0.00184	0.00345	0.00251
2032 May	0.0256	0.0000172	31.7	56.8	0.543	0.00508	537	0.0433	1.42	0.000154	0.00127	0.00163	1.74	0.0000682	0.00562	0.00182	0.00345	0.0025
2032 Jun	0.0269	0.0000172	34.8	63.3	0.604	0.00533	578	0.0467	1.27	0.000164	0.0013	0.0018	1.86	0.0000764	0.00616	0.00195	0.00371	0.0025
2032 Jul	0.0271	0.0000175	32.1	57.7	0.564	0.00512	536	0.0438	1.11	0.000156	0.00127	0.00164	1.81	0.0000752	0.00571	0.00184	0.00363	0.00229
2032 Aug	0.0271	0.0000181	32.8	59.4	0.574	0.00525	542	0.0453	1.1	0.000157	0.00131	0.0017	1.81	0.000074	0.0059	0.0019	0.00367	0.00224
2032 Sep	0.0273	0.0000182	34	62.2	0.594	0.00535	556	0.0471	1.11	0.00016	0.00133	0.00178	1.82	0.0000744	0.00614	0.00196	0.00373	0.00224
2032 Oct	0.0273	0.0000182	34.3	63.2	0.6	0.00537	560	0.0476	1.13	0.000161	0.00133	0.00181	1.82	0.0000742	0.00621	0.00198	0.00375	0.00223
2032 Nov	0.0271	0.0000181	34.2	62.9	0.597	0.00535	557	0.0474	1.15	0.00016	0.00133	0.0018	1.81	0.0000739	0.00618	0.00197	0.00373	0.00222
2032 Dec	0.027	0.000018	34	62.5	0.594	0.00533	555	0.0471	1.17	0.000159	0.00132	0.00179	1.8	0.0000736	0.00615	0.00196	0.00371	0.00221
2033 Jan	0.0268	0.0000179	33.8	62.2	0.591	0.0053	552	0.0469	1.2	0.000158	0.00131	0.00178	1.79	0.0000732	0.00611	0.00195	0.00369	0.0022
2033 Feb	0.0267	0.0000178	33.6	61.9	0.588	0.00528	549	0.0466	1.22	0.000157	0.00131	0.00177	1.78	0.0000729	0.00609	0.00194	0.00367	0.00219
2033 Mar	0.0266	0.0000177	33.5	61.6	0.585	0.00525	547	0.0464	1.25	0.000157	0.0013	0.00177	1.77	0.0000725	0.00606	0.00193	0.00366	0.00218
2033 Apr	0.0265	0.0000177	33.3	61.3	0.583	0.00523	544	0.0462	1.27	0.000156	0.0013	0.00176	1.77	0.0000722	0.00603	0.00192	0.00364	0.00217
2033 May	0.0265	0.0000176	33.1	60.5	0.583	0.00521	544	0.0456	1.27	0.000156	0.00129	0.00173	1.81	0.000075	0.00596	0.00189	0.00364	0.00218
2033 Jun	0.0288	0.0000174	32.9	59.8	0.587	0.00518	537	0.0449	1.17	0.000176	0.00126	0.0017	1.84	0.0000779	0.00589	0.0019	0.00368	0.00214
2033 Jul	0.0293	0.000018	32.8	59.9	0.582	0.00522	532	0.0455	1.13	0.00018	0.00129	0.00171	1.81	0.0000754	0.00593	0.00192	0.00368	0.00206
2033 Aug	0.0294	0.0000182	33.3	61.4	0.592	0.00529	538	0.0465	1.14	0.000181	0.00131	0.00176	1.81	0.0000751	0.00607	0.00196	0.00371	0.00205
2033 Sep	0.0293	0.0000185	33.9	62.8	0.601	0.00538	544	0.0477	1.14	0.000182	0.00134	0.0018	1.81	0.0000748	0.0062	0.002	0.00375	0.00203
2033 Oct	0.0292	0.0000186	34.3	63.8	0.608	0.00544	549	0.0483	1.13	0.000182	0.00135	0.00183	1.82	0.0000749	0.00628	0.00202	0.00376	0.00201
2033 Nov	0.0291	0.0000185	34.2	63.5	0.606	0.00542	547	0.0481	1.15	0.000181	0.00134	0.00182	1.81	0.0000747	0.00625	0.00201	0.00375	0.00201
2033 Dec	0.0289	0.0000184	34	63.3	0.603	0.0054	545	0.0479	1.17	0.00018	0.00134	0.00182	1.8	0.0000744	0.00623	0.00201	0.00373	0.002
2034 Jan	0.0288	0.0000184	33.9	63	0.601	0.00538	543	0.0477	1.18	0.000179	0.00133	0.00181	1.8	0.0000741	0.0062	0.002	0.00372	0.00199
2034 Feb	0.0287	0.0000183	33.8	62.8	0.599	0.00536	541	0.0475	1.2	0.000179	0.00133	0.0018	1.79	0.0000738	0.00618	0.00199	0.0037	0.00198
2034 Mar	0.0286	0.0000182	33.6	62.5	0.596	0.00534	539	0.0474	1.22	0.000178	0.00132	0.0018	1.78	0.0000736	0.00616	0.00198	0.00369	0.00198
2034 Apr	0.0285	0.0000182	33.5	62.3	0.594	0.00532	537	0.0472	1.24	0.000177	0.00132	0.00179	1.77	0.0000733	0.00613	0.00198	0.00368	0.00197
2034 May	0.0284	0.0000181	33.3	61.6	0.595	0.00529	536	0.0467	1.24	0.000176	0.00131	0.00176	1.81	0.0000759	0.00608	0.00195	0.00368	0.00199
2034 Jun	0.0301	0.0000178	34.6	64.3	0.624	0.00537	551	0.0478	1.16	0.000193	0.00131	0.00183	1.88	0.0000806	0.00629	0.00201	0.0038	0.00202
2034 Jul	0.0303	0.0000183	34.3	63.7	0.616	0.0054	544	0.048	1.13	0.000193	0.00132	0.00182	1.85	0.0000782	0.00627	0.00202	0.00379	0.00196
2034 Aug	0.0305	0.0000185	34.8	65.1	0.625	0.00546	551	0.0489	1.14	0.000195	0.00134	0.00186	1.85	0.0000782	0.0064	0.00205	0.00382	0.00196
2034 Sep	0.0304	0.0000188	35.2	66	0.631	0.00553	555	0.0497	1.13	0.000195	0.00136	0.00189	1.86	0.0000779	0.00648	0.00208	0.00384	0.00194
2034 Oct	0.0302	0.0000189	35.4	66.5	0.635	0.00558	558	0.0501	1.12	0.000194	0.00137	0.00191	1.86	0.0000779	0.00653	0.0021	0.00385	0.00193
2034 Nov	0.0301	0.0000189	35.3	66.3	0.633	0.00556	556	0.05	1.14	0.000193	0.00137	0.0019	1.86	0.0000778	0.0065	0.00209	0.00384	0.00193
2034 Dec	0.03	0.0000188	35.2	66	0.631	0.00554	554	0.0498	1.16	0.000193	0.00136	0.00189	1.85	0.0000775	0.00648	0.00208	0.00383	0.00192
2035 Jan	0.0299	0.0000187	35.1	65.8	0.629	0.00552	552	0.0496	1.17	0.000192	0.00136	0.00189	1.84	0.0000772	0.00646	0.00208	0.00381	0.00192
2035 Feb	0.0298	0.0000187	35	65.6	0.627	0.00551	551	0.0495	1.19	0.000191	0.00136	0.00188	1.84	0.000077	0.00644	0.00207	0.0038	0.00191
2035 Mar	0.0297	0.0000186	34.8	65.4	0.625	0.00549	549	0.0493	1.2	0.000191	0.00135	0.00188	1.83	0.0000768	0.00642	0.00206	0.00379	0.0019
2035 Apr	0.0296	0.0000186	34.7	65.2	0.623	0.00547	547	0.0492	1.22	0.00019	0.00135	0.00187	1.83	0.0000765	0.0064	0.00206	0.00378	0.0019
2035 May	0.0296	0.0000185	34.6	64.9	0.623	0.00546	547	0.049	1.23	0.000189	0.00134	0.00186	1.84	0.0000772	0.00638	0.00205	0.00378	0.0019
2035 Jun	0.0306	0.0000181	35.7	67	0.647	0.00549	560	0.0496	1.14	0.000197	0.00133	0.00191	1.9	0.0000823	0.00653	0.00208	0.00389	0.00195
2035 Jul	0.0306	0.0000183	35.1	65.7	0.635	0.00546	549	0.0491	1.11	0.000195	0.00133	0.00188	1.88	0.0000806	0.00645	0.00206	0.00386	0.0019
2035 Aug	0.0306	0.0000186	35.2	65.9	0.635	0.0055	549	0.0495	1.11	0.000195	0.00134	0.00188	1.87	0.0000799	0.00648	0.00207	0.00386	0.00189
2035 Sep	0.0304	0.0000189	35.7	66.9	0.643	0.00558	554	0.0503	1.09	0.000195	0.00137	0.00192	1.88	0.0000798	0.00658	0.0021	0.00389	0.00188
2035 Oct	0.0304	0.0000189	36.2	68.3	0.652	0.00563	562	0.0511	1.09	0.000195	0.00138	0.00196	1.88	0.0000798	0.00669	0.00214	0.00392	0.00188
2035 Nov	0.0303	0.0000189	36.1	68	0.649	0.00561	559	0.0509	1.1	0.000195	0.00137	0.00195	1.88	0.0000796	0.00666	0.00213	0.0039	0.00188
2035 Dec	0.0302	0.0000188	36	67.8	0.648	0.0056	558	0.0508	1.12	0.000194	0.00137	0.00194	1.87	0.0000794	0.00664	0.00212	0.00389	0.00187
2036 Jan	0.0301	0.0000188	35.9	67.6	0.646	0.00559	557	0.0506	1.13	0.000194	0.00137	0.00194	1.87	0.0000792	0.00663	0.00212	0.00388	0.00187
2036 Feb	0.0301	0.0000187	35.8	67.4	0.644	0.00557	555	0.0505	1.14	0.000193	0.00136	0.00193	1.86	0.000079	0.00661	0.00211	0.00387	0.00186
2036 Mar	0.03	0.0000187	35.7	67.3	0.642	0.00556	554	0.0504	1.16	0.000193	0.00136	0.00193	1.86	0.0000787	0.00659	0.0021	0.00386	0.00186
2036 Apr	0.0299	0.0000186	35.6	67.1	0.641	0.00554	552	0.0502	1.17	0.000192	0.00136	0.00192	1.85	0.0000786	0.00657	0.0021	0.00385	0.00185
2036 May	0.0299	0.0000186	35.5	66.9	0.64	0.00553	551	0.0501	1.18	0.000191	0.00135	0.00192	1.86	0.0000789	0.00656	0.00209	0.00385	0.00185
2036 Jun	0.0303	0.0000186	37	70.2	0.667	0.00564	571	0.0518	1.14	0.000195	0.00137	0.002	1.89	0.0000811	0.00683	0.00216	0.00395	0.00189
2036 Jul	0.0302	0.0000187	36.8	69.7	0.663	0.00564	566	0.0517	1.11	0.000193	0.00138	0.00199	1.89	0.0000807	0.0068	0.00215	0.00395	0.00187
2036 Aug	0.0303	0.0000188	37.3	70.7	0.67	0.00569	572	0.0524	1.12	0.000195	0.00139	0.00202	1.89	0.0000808	0.00689	0.00218	0.00397	0.00187
2036 Sep	0.0303	0.000019	37.6	71.5	0.674	0.00572	575	0.0529	1.12	0.000195	0.0014	0.00204	1.89	0.0000805	0.00696	0.0022	0.00399	0.00187
2036 Oct	0.0303	0.000019	37.8	72.1	0.678	0.00575	577	0.0534	1.12	0.000195	0.00141	0.00206	1.89	0.0000802	0.00701	0.00221	0.004	0.00186
2036 Nov	0.0302	0.000019	37.7	71.9	0.676	0.00574	576	0.0532	1.13	0.000194	0.0014	0.00206	1.89	0.00008	0.00699	0.00221	0.00399	0.00185
2036 Dec	0.0301	0.0000189	37.6	71.7	0.674	0.00573	574	0.0531	1.15	0.000194	0.0014	0.00205	1.88	0.0000799	0.00697	0.0022	0.00398	0.00185
2037 Jan	0.0301	0.0000189	37.6	71.6	0.674	0.00572	573	0.053	1.15	0.000194	0.0014	0.00205	1.88	0.0000798	0.00696	0.0022	0.00397	0.00185
2037 Feb	0.0301	0.0000189	37.6	71.6	0.674	0.00572	573	0.053	1.15	0.000194	0.0014	0.00205	1.88	0.0000798	0.00696	0.0022	0.00397	0.00185
2037 Mar	0.0301	0.0000189	37.6	71.6	0.674	0.00572	573	0.053	1.15	0.000194	0.0014	0.00205	1.88	0.0000798	0.00696	0.0022	0.00397	0.00185
2037 Apr	0.0301	0.0000189	37.6	71.6	0.674	0.00572	574	0.053	1.15	0.000194	0.0014	0.00205	1.88	0.0000798	0.00697	0.0022	0.00397	0.00185
2037 May	0.0302	0.0000189	37.5	71.6	0.673	0.00572	573	0.053	1.15	0.000194	0.0014	0.00205	1.88	0.0000797	0.00696	0.0022	0.00397	0.00185
2037 Jun	0.0306	0.0000188	38.2	73.4	0.685	0.00573	580	0.0538	1.13	0.0002	0.0014	0.0021	1.87	0.0000794	0.00709	0.00224	0.004	0.00184
2037 Jul	0.0308	0.0000188	38.4	73.9	0.688	0.00576	583	0.0541	1.13	0.000201	0.0014	0.00211	1.87	0.0000795	0.00712	0.00225	0.00401	0.00185
2037 Aug	0.0309	0.0000189	38.5	74.2	0.69	0.00579	585	0.0542	1.13	0.000202	0.00141	0.00212	1.88	0.0000797	0.00714	0.00225	0.00403	0.00186
2037 Sep	0.0311	0.0000189	38.7	74.8	0.692	0.00586	588	0.0542	1.13	0.000202	0.00142	0.00214	1.88	0.0000795	0.00714	0.00225	0.00404	0.00187
2037 Oct	0.0312	0.0000189	38.7	75	0.691	0.00589	588	0.054	1.13	0.000201	0.00142	0.00215	1.87	0.0000793	0.00712	0.00225	0.00404	0.00188

Appendix D.2-18: WES03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Nov	0.0312	0.0000189	38.7	75	0.691	0.00589	588	0.054	1.13	0.000201	0.00142	0.00215	1.87	0.0000792	0.00712	0.00225	0.00404	0.00188
2037 Dec	0.0312	0.0000189	38.7	75	0.691	0.00589	588	0.054	1.13	0.000201	0.00142	0.00215	1.87	0.0000792	0.00712	0.00225	0.00404	0.00188
2038 Jan	0.0312	0.0000189	38.7	75	0.691	0.00589	588	0.054	1.13	0.000201	0.00142	0.00215	1.87	0.0000792	0.00712	0.00225	0.00404	0.00188
2038 Feb	0.0312	0.0000189	38.7	75	0.691	0.00589	588	0.054	1.13	0.000201	0.00142	0.00215	1.87	0.0000792	0.00712	0.00225	0.00404	0.00188
2038 Mar	0.0312	0.0000189	38.7	75	0.691	0.00589	588	0.054	1.13	0.000201	0.00142	0.00215	1.87	0.0000792	0.00712	0.00225	0.00404	0.00188
2038 Apr	0.0312	0.0000189	38.7	75	0.691	0.00589	588	0.054	1.13	0.000201	0.00142	0.00215	1.87	0.0000793	0.00712	0.00225	0.00404	0.00188
2038 May	0.0313	0.0000189	38.7	75	0.691	0.00589	588	0.054	1.13	0.000202	0.00142	0.00215	1.87	0.0000792	0.00712	0.00225	0.00404	0.00188
2038 Jun	0.0322	0.0000188	38.2	74.2	0.681	0.00586	580	0.0531	1.1	0.000209	0.0014	0.00213	1.84	0.0000778	0.00699	0.00223	0.004	0.00186
2038 Jul	0.0324	0.0000188	38.3	74.5	0.683	0.00589	582	0.0533	1.11	0.00021	0.00141	0.00214	1.85	0.000078	0.00701	0.00223	0.00402	0.00186
2038 Aug	0.0326	0.0000189	38.5	74.7	0.685	0.00596	583	0.0533	1.11	0.000211	0.00142	0.00216	1.85	0.000078	0.00701	0.00224	0.00403	0.00188
2038 Sep	0.0328	0.000019	38.5	74.5	0.684	0.00604	580	0.053	1.1	0.00021	0.00142	0.00218	1.85	0.0000775	0.00697	0.00223	0.00403	0.00189
2038 Oct	0.0329	0.000019	38.4	74.2	0.681	0.00608	577	0.0528	1.09	0.000209	0.00143	0.00218	1.84	0.000077	0.00693	0.00222	0.00402	0.0019
2038 Nov	0.0329	0.000019	38.4	74.2	0.681	0.00608	577	0.0528	1.09	0.000209	0.00143	0.00218	1.84	0.000077	0.00693	0.00222	0.00403	0.0019
2038 Dec	0.0329	0.000019	38.4	74.2	0.681	0.00608	577	0.0528	1.09	0.000209	0.00143	0.00218	1.84	0.000077	0.00693	0.00222	0.00402	0.0019
2039 Jan	0.0329	0.000019	38.4	74.2	0.681	0.00608	577	0.0528	1.09	0.000209	0.00143	0.00218	1.84	0.000077	0.00693	0.00222	0.00402	0.0019
2039 Feb	0.0329	0.000019	38.4	74.2	0.681	0.00608	577	0.0528	1.09	0.000209	0.00143	0.00218	1.84	0.000077	0.00693	0.00222	0.00402	0.0019
2039 Mar	0.0329	0.000019	38.4	74.2	0.681	0.00608	577	0.0528	1.09	0.000209	0.00143	0.00218	1.84	0.000077	0.00693	0.00222	0.00403	0.0019
2039 Apr	0.0329	0.000019	38.5	74.2	0.681	0.00608	577	0.0528	1.09	0.000209	0.00143	0.00218	1.84	0.000077	0.00693	0.00222	0.00403	0.0019
2039 May	0.0329	0.000019	38.5	74.3	0.682	0.00609	577	0.0528	1.09	0.000209	0.00143	0.00219	1.84	0.0000771	0.00694	0.00222	0.00403	0.0019
2039 Jun	0.0332	0.0000188	37.4	71.7	0.66	0.00605	555	0.051	1.04	0.000204	0.00141	0.00215	1.78	0.000074	0.00667	0.00216	0.00397	0.00186
2039 Jul	0.0334	0.0000188	36.2	69.1	0.637	0.00601	530	0.0493	0.994	0.000198	0.00139	0.00212	1.72	0.0000707	0.00639	0.00209	0.00389	0.00182
2039 Aug	0.034	0.0000188	35.9	67.5	0.625	0.00617	512	0.0479	0.957	0.000194	0.00139	0.00214	1.68	0.0000684	0.00619	0.00204	0.00386	0.00183
2039 Sep	0.0301	0.0000147	28.4	50.4	0.473	0.00547	365	0.0348	0.674	0.000152	0.00113	0.00181	1.26	0.0000497	0.00447	0.00152	0.00318	0.00154
2039 Oct	0.0141	0.00000292	4.38	7.33	0.0606	0.000893	44.7	0.00516	0.0757	0.0000549	0.000193	0.000291	0.185	0.00000721	0.000533	0.000245	0.00113	0.000199
2039 Nov	0.0142	0.00000294	4.38	7.33	0.0605	0.000895	44.6	0.00517	0.0757	0.0000549	0.000193	0.000291	0.185	0.0000072	0.000532	0.000245	0.00113	0.000199
2039 Dec	0.0142	0.00000295	4.38	7.32	0.0605	0.000894	44.6	0.00517	0.0757	0.0000549	0.000193	0.000291	0.185	0.0000072	0.000532	0.000245	0.00113	0.000199
2040 Jan	0.0142	0.00000295	4.37	7.32	0.0605	0.000894	44.6	0.00517	0.0757	0.000055	0.000193	0.00029	0.185	0.00000719	0.000532	0.000245	0.00113	0.000199
2040 Feb	0.0143	0.00000295	4.37	7.32	0.0606	0.000894	44.6	0.00517	0.0757	0.0000552	0.000193	0.00029	0.185	0.00000719	0.000532	0.000246	0.00113	0.000199
2040 Mar	0.0143	0.00000295	4.38	7.33	0.0606	0.000894	44.6	0.00517	0.0757	0.0000553	0.000193	0.00029	0.185	0.00000719	0.000532	0.000246	0.00113	0.000199
2040 Apr	0.0143	0.00000296	4.38	7.33	0.0606	0.000895	44.6	0.00517	0.0758	0.0000555	0.000194	0.000291	0.185	0.0000072	0.000532	0.000246	0.00113	0.000199
2040 May	0.0158	0.00000342	4.38	7.59	0.0629	0.000928	44.5	0.00566	0.0751	0.0000674	0.000213	0.000298	0.191	0.0000071	0.000539	0.000276	0.00116	0.000195
2040 Jun	0.0235	0.00000537	2.46	5.88	0.045	0.000711	22.4	0.00651	0.0326	0.000123	0.000251	0.000211	0.144	0.00000363	0.000312	0.000359	0.00117	0.0000645
2040 Jul	0.0182	0.00000331	1.55	3.54	0.0228	0.000411	12.4	0.00396	0.0154	0.0000783	0.000149	0.000127	0.0855	0.00000263	0.000161	0.000215	0.000988	0.0000249
2040 Aug	0.0163	0.00000259	1.33	2.86	0.0167	0.000319	9.8	0.00307	0.0113	0.0000617	0.000116	0.000103	0.0694	0.0000024	0.000118	0.00017	0.000934	0.0000157
2040 Sep	0.015	0.00000222	1.24	2.55	0.0138	0.000276	8.67	0.00261	0.00943	0.0000523	0.0000993	0.000091	0.0626	0.00000229	0.000098	0.000145	0.000908	0.0000115
2040 Oct	0.0146	0.00000206	1.21	2.41	0.0126	0.000257	8.24	0.0024	0.00885	0.0000512	0.0000919	0.000086	0.0597	0.00000225	0.0000896	0.000136	0.000898	0.0000101
2040 Nov	0.0146	0.00000206	1.21	2.42	0.0127	0.000257	8.24	0.00241	0.00886	0.0000512	0.0000921	0.0000861	0.0598	0.00000225	0.0000897	0.000136	0.000898	0.0000101
2040 Dec	0.0146	0.00000206	1.21	2.42	0.0127	0.000257	8.24	0.00241	0.00886	0.0000512	0.0000921	0.0000861	0.0598	0.00000225	0.0000897	0.000136	0.000898	0.0000101
2041 Jan	0.0146	0.00000206	1.21	2.42	0.0127	0.000257	8.24	0.00241	0.00886	0.0000512	0.0000921	0.0000861	0.0598	0.00000225	0.0000897	0.000136	0.000898	0.0000101
2041 Feb	0.0146	0.00000206	1.21	2.42	0.0127	0.000257	8.24	0.00241	0.00886	0.0000512	0.0000921	0.0000861	0.0598	0.00000225	0.0000897	0.000136	0.000898	0.0000101
2041 Mar	0.0146	0.00000206	1.21	2.42	0.0127	0.000257	8.24	0.00241	0.00886	0.0000513	0.0000921	0.0000861	0.0598	0.00000225	0.0000897	0.000136	0.000898	0.0000101
2041 Apr	0.0146	0.00000206	1.21	2.42	0.0127	0.000257	8.24	0.00241	0.00886	0.0000513	0.0000921	0.0000861	0.0598	0.00000226	0.0000897	0.000136	0.000898	0.0000101
2041 May	0.0146	0.00000207	1.21	2.43	0.0127	0.000259	8.26	0.00243	0.00887	0.0000513	0.0000927	0.0000865	0.06	0.00000226	0.0000902	0.000137	0.000899	0.0000101
2041 Jun	0.015	0.00000231	1.2	2.5	0.0131	0.000271	8.13	0.00261	0.00885	0.0000518	0.000101	0.0000886	0.0613	0.00000222	0.0000932	0.000146	0.000917	0.00000893
2041 Jul	0.0151	0.00000245	1.18	2.54	0.0131	0.000279	7.88	0.00277	0.00826	0.0000516	0.000107	0.0000898	0.0615	0.00000217	0.0000942	0.00015	0.000921	0.00000724
2041 Aug	0.0148	0.00000223	1.14	2.37	0.0118	0.000255	7.43	0.00251	0.00769	0.0000489	0.0000966	0.0000841	0.0577	0.00000215	0.0000848	0.000139	0.000909	0.00000619
2041 Sep	0.0144	0.00000207	1.12	2.25	0.0109	0.000239	7.13	0.00232	0.00726	0.0000461	0.0000895	0.00008	0.0554	0.00000213	0.000078	0.00013	0.000899	0.0000054
2041 Oct	0.0142	0.000002	1.11	2.21	0.0105	0.000232	7.01	0.00224	0.0071	0.0000459	0.0000868	0.0000784	0.0545	0.00000212	0.0000753	0.000127	0.000894	0.00000506
2041 Nov	0.0142	0.00000201	1.11	2.21	0.0105	0.000233	7.01	0.00225	0.0071	0.0000459	0.000087	0.0000784	0.0546	0.00000212	0.0000754	0.000127	0.000894	0.00000506
2041 Dec	0.0142	0.00000201	1.11	2.21	0.0105	0.000233	7.01	0.00225	0.00711	0.0000459	0.000087	0.0000784	0.0546	0.00000212	0.0000754	0.000127	0.000894	0.00000506
2042 Jan	0.0142	0.00000201	1.11	2.21	0.0105	0.000233	7.01	0.00225	0.00711	0.0000459	0.000087	0.0000784	0.0546	0.00000212	0.0000754	0.000127	0.000894	0.00000506
2042 Feb	0.0142	0.00000201	1.11	2.21	0.0105	0.000233	7.01	0.00225	0.00711	0.0000459	0.000087	0.0000784	0.0546	0.00000212	0.0000754	0.000127	0.000894	0.00000506
2042 Mar	0.0142	0.00000201	1.11	2.21	0.0105	0.000233	7.01	0.00225	0.00711	0.0000459	0.000087	0.0000784	0.0546	0.00000212	0.0000754	0.000127	0.000894	0.00000506
2042 Apr	0.0142	0.00000201	1.11	2.22	0.0105	0.000233	7.02	0.00225	0.00711	0.0000459	0.000087	0.0000785	0.0546	0.00000212	0.0000754	0.000127	0.000895	0.00000506
2042 May	0.0143	0.00000201	1.11	2.22	0.0106	0.000234	7.03	0.00226	0.00712	0.000046	0.0000873	0.0000787	0.0548	0.00000213	0.0000757	0.000127	0.000896	0.00000507
2042 Jun	0.0144	0.00000208	1.11	2.23	0.0106	0.000235	6.95	0.0023	0.00716	0.0000464	0.0000893	0.000079	0.0548	0.00000211	0.0000762	0.00013	0.000901	0.00000475
2042 Jul	0.0145	0.00000207	1.09	2.19	0.0103	0.000231	6.76	0.00226	0.00697	0.0000469	0.0000879	0.0000777	0.0537	0.0000021	0.0000741	0.000129	0.000898	0.00000423
2042 Aug	0.0144	0.00000202	1.07	2.15	0.00998	0.000226	6.6	0.00221	0.00676	0.0000455	0.0000854	0.0000762	0.0527	0.00000209	0.0000717	0.000126	0.000893	0.00000382
2042 Sep	0.0141	0.00000194	1.06	2.1	0.00956	0.000218	6.47	0.00211	0.00657	0.0000438	0.000082	0.0000743	0.0517	0.00000208	0.0000685	0.000121	0.000887	0.00000349
2042 Oct	0.014	0.00000191	1.06	2.08	0.00936	0.000215	6.41	0.00207	0.0065	0.0000438	0.0000806	0.0000735	0.0513	0.00000207	0.0000672	0.000119	0.000884	0.00000334
2042 Nov	0.014	0.00000191	1.06	2.08	0.00937	0.000215	6.41	0.00207	0.00651	0.0000438	0.0000806	0.0000735	0.0513	0.00000207	0.0000672	0.000119	0.000884	0.00000334
2042 Dec	0.014	0.00000191	1.06	2.08	0.00937	0.000215	6.41	0.00207	0.00651	0.0000438	0.0000806	0.0000735	0.0513	0.00000207	0.0000672	0.000119	0.000884	0.00000334
2043 Jan	0.014	0.00000191	1.06	2.08	0.00937	0.000215	6.41	0.00207	0.00651	0.0000438	0.0000806	0.0000735	0.0513	0.00000207	0.0000672	0.000119	0.000884	0.00000334
2043 Feb	0.014	0.00000191	1.06	2.08	0.00937	0.000215	6.41	0.00207	0.00651	0.0000438	0.0000806	0.0000735	0.0513	0.00000207	0.0000672	0.000119	0.000884	0.00000334
2043 Mar	0.014	0.00000191	1.06	2.08	0.00937	0.000215	6.41	0.00207	0.00651	0.0000438	0.0000806	0.0000735	0.0513	0.00000207	0.0000672	0.000119	0.000884	0.00000334
2043 Apr	0.014	0.00000191	1.06	2.08	0.00937	0.000215	6.41	0.00208	0.00651	0.0000438	0.0000806	0.0000736	0.0514	0.00000207	0.0000673	0.000119	0.000884	0.00000334
2043 May	0.0141	0.00000192	1.07	2.08	0.00942	0.000216	6.43	0.00208	0.00653	0.000044	0.0000809	0.0000737	0.0515	0.00000208	0.0000675	0.00012	0.000886	0.00000334
2043 Jun	0.0145	0.00000198	1.07	2.1	0.00983	0.000218	6.39	0.00211	0.00668	0.0000474	0.0000826	0.0000743	0.0521	0.00000207	0.0000681	0.000125	0.00089	0.00000319
2043 Jul	0.0145	0.00000192	1.05	2.05	0.00944	0.00021	6.26	0.00204	0.00654	0.0000478	0.0000795	0.0000726	0.0507	0.00000207	0.0000653	0.000122	0.000887	0.00000296
2043 Aug	0.0145	0.00000184	1.04	1.99	0.00906	0.000203	6.14	0.00195	0.0064	0.0000468	0.0000762	0.0000709	0.0495	0.00000207	0.0000625	0.000119	0.000884	0.00000277
2043 Sep	0.0143	0.00000177	1.04	1.95	0.0087	0.000196	6.05	0.00187	0.00627	0.0000456	0.0000732	0.0000693	0.0486	0.00000207	0.0000599	0.000115	0.00088	0.00000259
2043 Oct	0.0142	0.00000174	1.03	1.93	0.00851	0.000193	6	0.00182	0.00624	0.0000455	0.0000717	0.0000684	0.0482	0.00000206	0.0000586	0.000113	0.000877	0.00000251
2043 Nov	0.0142	0.00000174	1.03	1.93	0.00852	0.000193	6	0.00183	0.00627	0.0000454	0.0000717	0.0000684	0.0482	0.00000206	0.0000586	0.000113	0.000877	0.00000251
2043 Dec	0.0142	0.00000174	1.03	1.93	0.00852	0.000193	6	0.00183	0.00627	0.0000454	0.0000717	0.0000684	0.0482	0.00000206	0.0000587	0.000113	0.000877	0.00000251

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	1710	0.242	0.942	0.0268	196	0.0335	91.8			0.00000189	0.00249	0.00586	0.058	0.00233	0.00000126	9.29	0.0000205	0.000118	0.00016	0.00153
Operation (2026-2036): Mean	7520	0.987	3.84	0.109	798	0.147	403			0.00000831	0.0109	0.00891	0.255	0.0102	0.00000553	40.8	0.0000898	0.000517	0.000701	0.0067
Operation (2026-2036): Max	8170	1.16	4.49	0.128	934	0.16	438			0.00000903	0.0119	0.0233	0.277	0.0111	0.00000601	44.3	0.0000976	0.000562	0.000762	0.00728
Active Closure (2037-2043): Min	869	0.096	0.36	0.011	57.9	0.0399	48.3	0.000445	0.000445	0.00000542	0.00367	0.000731	0.0322	0.00775	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143
Active Closure (2037-2043): Mean	1480	0.162	0.619	0.0183	116	0.05	81.1	0.000875	0.000875	0.00000573	0.00436	0.00125	0.0527	0.00803	0.00000519	13.4	0.0000216	0.000148	0.000201	0.00193
Active Closure (2037-2043): Max	7840	0.848	3.3	0.0937	677	0.153	420	0.000905	0.000905	0.00000867	0.0114	0.00719	0.266	0.0107	0.00000576	42.5	0.0000937	0.000539	0.000731	0.00699
Post Closure (2044-2119): Min	917	0.101	0.38	0.0116	59.4	0.041	50.9	0.000517	0.000517	0.00000549	0.00376	0.000761	0.0338	0.00783	0.00000515	10.8	0.0000152	0.000112	0.000155	0.00148
Post Closure (2044-2119): Mean	2960	0.321	1.24	0.0358	123	0.0758	160	0.000705	0.000705	0.00000677	0.00619	0.00197	0.102	0.00918	0.00000569	20.6	0.0000387	0.000242	0.00033	0.00316
Post Closure (2044-2119): Max	4690	0.508	1.97	0.0564	176	0.105	252	0.000906	0.000906	0.00000781	0.00821	0.003	0.16	0.0102	0.00000609	28.8	0.0000585	0.000351	0.000477	0.00457
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033 May	1710	0.242	0.942	0.0268	196	0.0335	91.8	0	0	0.00000189	0.00249	0.0143	0.058	0.00233	0.00000126	9.29	0.0000205	0.000118	0.00016	0.00153
2033 Jun	6360	0.9	3.5	0.0994	727	0.124	341	0	0	0.00000703	0.00923	0.0109	0.215	0.00865	0.00000467	34.5	0.000076	0.000437	0.000593	0.00567
2033 Jul	7410	1.05	4.07	0.116	847	0.145	397	0	0	0.00000819	0.0107	0.0104	0.251	0.0101	0.00000544	40.2	0.0000885	0.000509	0.000691	0.0066
2033 Aug	7810	1.1	4.29	0.122	893	0.153	418	0	0	0.00000863	0.0113	0.0121	0.264	0.0106	0.00000574	42.3	0.0000933	0.000537	0.000728	0.00696
2033 Sep	7690	1.09	4.23	0.12	879	0.15	412	0	0	0.0000085	0.0112	0.0088	0.26	0.0104	0.00000565	41.7	0.0000918	0.000528	0.000717	0.00685
2033 Oct	7460	1.06	4.11	0.117	853	0.146	400	0	0	0.00000825	0.0108	0.00596	0.253	0.0101	0.00000549	40.5	0.0000892	0.000513	0.000696	0.00665
2033 Nov	7490	1.06	4.12	0.117	856	0.146	401	0	0	0.00000827	0.0109	0.00586	0.253	0.0102	0.0000055	40.6	0.0000894	0.000515	0.000698	0.00667
2033 Dec	7490	1.06	4.12	0.117	856	0.146	401	0	0	0.00000828	0.0109	0.00586	0.254	0.0102	0.0000055	40.6	0.0000895	0.000515	0.000698	0.00668
2034 Jan	7490	1.06	4.12	0.117	856	0.146	401	0	0	0.00000828	0.0109	0.00586	0.254	0.0102	0.0000055	40.6	0.0000895	0.000515	0.000698	0.00668
2034 Feb	7490	1.06	4.12	0.117	856	0.146	401	0	0	0.00000828	0.0109	0.00586	0.254	0.0102	0.00000551	40.6	0.0000895	0.000515	0.000698	0.00668
2034 Mar	7490	1.06	4.12	0.117	857	0.146	402	0	0	0.00000828	0.0109	0.00587	0.254	0.0102	0.00000551	40.6	0.0000895	0.000515	0.000699	0.00668
2034 Apr	7530	1.07	4.14	0.118	861	0.147	404	0	0	0.00000832	0.0109	0.0059	0.255	0.0102	0.00000554	40.8	0.00009	0.000518	0.000702	0.00672
2034 May	7700	1.09	4.23	0.12	880	0.15	413	0	0	0.00000851	0.0112	0.0178	0.261	0.0105	0.00000566	41.7	0.000092	0.000529	0.000718	0.00686
2034 Jun	7740	1.09	4.26	0.121	885	0.151	415	0	0	0.00000855	0.0112	0.0118	0.262	0.0105	0.00000569	42	0.0000925	0.000532	0.000722	0.0069
2034 Jul	7860	1.11	4.32	0.123	899	0.154	421	0	0	0.00000869	0.0114	0.00886	0.266	0.0107	0.00000578	42.6	0.0000939	0.00054	0.000733	0.00701
2034 Aug	8170	1.16	4.49	0.128	934	0.16	438	0	0	0.00000903	0.0119	0.0118	0.277	0.0111	0.00000601	44.3	0.0000976	0.000562	0.000762	0.00728
2034 Sep	7790	1.1	4.29	0.122	891	0.152	418	0	0	0.00000861	0.0113	0.00869	0.264	0.0106	0.00000573	42.3	0.0000931	0.000536	0.000727	0.00695
2034 Oct	7560	1.07	4.16	0.118	865	0.148	405	0	0	0.00000836	0.011	0.0062	0.256	0.0103	0.00000556	41	0.0000904	0.00052	0.000705	0.00674
2034 Nov	7610	1.08	4.19	0.119	871	0.149	408	0	0	0.00000841	0.011	0.00616	0.258	0.0103	0.0000056	41.3	0.000091	0.000523	0.00071	0.00679
2034 Dec	7620	1.08	4.19	0.119	871	0.149	408	0	0	0.00000842	0.0111	0.00616	0.258	0.0104	0.0000056	41.3	0.000091	0.000524	0.000711	0.00679
2035 Jan	7620	1.08	4.19	0.119	871	0.149	408	0	0	0.00000842	0.0111	0.00616	0.258	0.0104	0.0000056	41.3	0.000091	0.000524	0.000711	0.00679
2035 Feb	7620	1.08	4.19	0.119	871	0.149	408	0	0	0.00000842	0.0111	0.00617	0.258	0.0104	0.0000056	41.3	0.000091	0.000524	0.000711	0.00679
2035 Mar	7620	1.08	4.19	0.119	872	0.149	409	0	0	0.00000843	0.0111	0.00617	0.258	0.0104	0.0000056	41.3	0.0000911	0.000524	0.000711	0.0068
2035 Apr	7680	1.09	4.22	0.12	878	0.15	411	0	0	0.00000848	0.0111	0.00621	0.26	0.0104	0.00000564	41.6	0.0000917	0.000528	0.000716	0.00684
2035 May	7940	1.12	4.35	0.123	904	0.155	425	0	0	0.00000877	0.0115	0.016	0.269	0.0108	0.00000584	43.1	0.0000949	0.000546	0.00074	0.00708
2035 Jun	7680	0.984	3.83	0.109	795	0.15	412	0	0	0.00000849	0.0111	0.0121	0.26	0.0104	0.00000564	41.6	0.0000917	0.000528	0.000716	0.00685
2035 Jul	7730	0.96	3.73	0.106	776	0.151	414	0	0	0.00000854	0.0112	0.0095	0.262	0.0105	0.00000568	41.9	0.0000923	0.000531	0.000721	0.00689
2035 Aug	7830	0.97	3.77	0.107	784	0.153	420	0	0	0.00000865	0.0114	0.00904	0.265	0.0106	0.00000575	42.5	0.0000935	0.000538	0.00073	0.00698
2035 Sep	7630	0.944	3.67	0.104	763	0.149	409	0	0	0.00000844	0.0111	0.00713	0.259	0.0104	0.00000561	41.4	0.0000912	0.000525	0.000712	0.00681
2035 Oct	7650	0.946	3.68	0.105	765	0.15	410	0	0	0.00000846	0.0111	0.00712	0.259	0.0104	0.00000563	41.5	0.0000914	0.000526	0.000714	0.00682
2035 Nov	7580	0.938	3.65	0.104	758	0.148	407	0	0	0.00000838	0.011	0.00624	0.257	0.0103	0.00000558	41.1	0.0000906	0.000521	0.000707	0.00676
2035 Dec	7590	0.939	3.65	0.104	759	0.148	407	0	0	0.00000839	0.011	0.00624	0.257	0.0103	0.00000558	41.2	0.0000907	0.000522	0.000708	0.00677
2036 Jan	7590	0.939	3.65	0.104	759	0.148	407	0	0	0.00000839	0.011	0.00624	0.257	0.0103	0.00000558	41.2	0.0000907	0.000522	0.000708	0.00677
2036 Feb	7590	0.939	3.65	0.104	759	0.148	407	0	0	0.00000839	0.011	0.00624	0.257	0.0103	0.00000558	41.2	0.0000907	0.000522	0.000708	0.00677
2036 Mar	7590	0.939	3.65	0.104	759	0.148	407	0	0	0.00000839	0.011	0.00624	0.257	0.0103	0.00000558	41.2	0.0000907	0.000522	0.000708	0.00677
2036 Apr	7640	0.944	3.67	0.104	763	0.149	410	0	0	0.00000844	0.0111	0.0109	0.259	0.0104	0.00000562	41.4	0.0000913	0.000525	0.000713	0.00681
2036 May	7850	0.967	3.76	0.107	781	0.153	421	0	0	0.00000867	0.0114	0.0233	0.266	0.0107	0.00000577	42.6	0.0000938	0.00054	0.000732	0.007
2036 Jun	7780	0.886	3.44	0.0978	716	0.152	417	0	0	0.0000086	0.0113	0.013	0.264	0.0106	0.00000572	42.2	0.000093	0.000535	0.000726	0.00694
2036 Jul	7880	0.859	3.34	0.0948	694	0.154	422	0	0	0.00000871	0.0114	0.00911	0.267	0.0107	0.00000579	42.7	0.0000941	0.000542	0.000735	0.00702
2036 Aug	8140	0.885	3.44	0.0977	715	0.159	437	0	0	0.000009	0.0118	0.0116	0.276	0.0111	0.00000599	44.2	0.0000973	0.00056	0.00076	0.00726
2036 Sep	7940	0.859	3.34	0.0949	695	0.155	425	0	0	0.00000877	0.0115	0.00987	0.269	0.0108	0.00000583	43	0.0000948	0.000546	0.00074	0.00708
2036 Oct	7710	0.834	3.24	0.0921	674	0.151	413	0	0	0.00000852	0.0112	0.00794	0.261	0.0105	0.00000567	41.8	0.0000921	0.00053	0.000719	0.00688
2036 Nov	7700	0.833	3.24	0.092	673	0.151	413	0	0	0.00000851	0.0112	0.0073	0.261	0.0105	0.00000566	41.8	0.000092	0.00053	0.000718	0.00687
2036 Dec	7690	0.831	3.23	0.0918	672	0.15	412	0	0	0.0000085	0.0112	0.00714	0.26	0.0104	0.00000565	41.7	0.0000918	0.000528	0.000717	0.00685
2037 Jan	7690	0.831	3.23	0.0918	672	0.15	412	0	0	0.0000085	0.0112	0.00714	0.26	0.0105	0.00000565	41.7	0.0000918	0.000529	0.000717	0.00685
2037 Feb	7690	0.832	3.23	0.0918	672	0.15	412	0	0	0.0000085	0.0112	0.00714	0.26	0.0105	0.00000565	41.7	0.0000919	0.000529	0.000717	0.00686
2037 Mar	7700	0.833	3.24	0.092	673	0.151	413	0	0	0.00000851	0.0112	0.00715	0.261	0.0105	0.00000566	41.8	0.000092	0.00053	0.000718	0.00687
2037 Apr	7740	0.837	3.26	0.0925	677	0.151	415	0	0	0.00000856	0.0112	0.00719	0.262	0.0105	0.00000569	42	0.0000925	0.000532	0.000722	0.0069
2037 May	7840	0.848	3.3	0.0937	668	0.153	420	0	0	0.00000867	0.0114	0.00679	0.266	0.0107	0.00000576	42.5	0.0000937	0.000539	0.000731	0.00699
2037 Jun	4270	0.463	1.79	0.0513	342	0.0949	230	0.000445	0.000445	0.00000693	0.00733	0.0031	0.146	0.00894	0.00000536	25.9	0.0000531	0.000337	0.000424	0.00416

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	2160	0.235	0.904	0.0263	175	0.0609	117	0.000731	0.000731	0.00000602	0.00499	0.00165	0.0748	0.00809	0.00000523	16.3	0.0000292	0.00022	0.000244	0.00249
2037 Aug	1560	0.17	0.651	0.0192	128	0.0513	85	0.000814	0.000814	0.00000577	0.00439	0.00124	0.0549	0.00794	0.0000052	13.6	0.0000225	0.000174	0.000199	0.002
2037 Sep	1270	0.139	0.528	0.0157	105	0.0465	69.5	0.000853	0.000853	0.00000564	0.00412	0.00103	0.0454	0.00793	0.00000518	12.4	0.0000191	0.000139	0.000181	0.00176
2037 Oct	1230	0.134	0.51	0.0152	101	0.0458	67.3	0.000855	0.000855	0.0000056	0.00408	0.000997	0.0441	0.00792	0.00000516	12.2	0.0000187	0.00013	0.00018	0.00172
2037 Nov	1240	0.136	0.516	0.0154	102	0.046	68	0.000853	0.000853	0.00000561	0.00409	0.00101	0.0446	0.00793	0.00000516	12.3	0.0000188	0.000131	0.000181	0.00173
2037 Dec	1240	0.136	0.516	0.0154	102	0.046	68	0.000853	0.000853	0.00000561	0.00409	0.00101	0.0446	0.00793	0.00000516	12.3	0.0000188	0.000131	0.000181	0.00173
2038 Jan	1240	0.136	0.516	0.0154	102	0.046	68	0.000853	0.000853	0.00000561	0.00409	0.00101	0.0446	0.00793	0.00000516	12.3	0.0000188	0.000131	0.000181	0.00173
2038 Feb	1240	0.136	0.516	0.0154	102	0.046	68	0.000853	0.000853	0.00000561	0.00409	0.00101	0.0446	0.00793	0.00000516	12.3	0.0000188	0.000131	0.000181	0.00173
2038 Mar	1240	0.136	0.516	0.0154	102	0.046	68	0.000853	0.000853	0.00000561	0.00409	0.00101	0.0446	0.00793	0.00000516	12.3	0.0000188	0.000131	0.000181	0.00173
2038 Apr	1240	0.136	0.516	0.0154	102	0.046	68.1	0.000854	0.000854	0.00000562	0.0041	0.00101	0.0446	0.00793	0.00000516	12.3	0.0000188	0.000131	0.000181	0.00173
2038 May	1270	0.139	0.53	0.0158	104	0.0466	69.8	0.000852	0.000852	0.00000564	0.00414	0.00103	0.0457	0.00796	0.00000518	12.4	0.0000192	0.000133	0.000184	0.00176
2038 Jun	1410	0.155	0.589	0.0174	112	0.0487	77.3	0.000828	0.000828	0.00000568	0.00426	0.0011	0.0503	0.00795	0.00000516	13	0.0000208	0.000145	0.000194	0.00187
2038 Jul	1230	0.135	0.514	0.0153	98.1	0.046	67.7	0.000858	0.000858	0.00000563	0.00406	0.000987	0.0442	0.00789	0.00000518	12.2	0.0000188	0.000141	0.000176	0.00174
2038 Aug	1130	0.125	0.472	0.0142	90.2	0.0445	62.5	0.000875	0.000875	0.00000561	0.00397	0.000923	0.041	0.00789	0.0000052	11.8	0.0000177	0.000134	0.000169	0.00166
2038 Sep	1070	0.118	0.446	0.0134	85	0.0435	59.2	0.000882	0.000882	0.00000557	0.00392	0.000879	0.039	0.00789	0.00000518	11.5	0.000017	0.000124	0.000167	0.0016
2038 Oct	1060	0.116	0.439	0.0132	83.3	0.0431	58.3	0.000882	0.000882	0.00000555	0.0039	0.000865	0.0384	0.00789	0.00000517	11.5	0.0000168	0.00012	0.000166	0.00159
2038 Nov	1060	0.116	0.44	0.0132	83.5	0.0432	58.4	0.000882	0.000882	0.00000556	0.00391	0.000867	0.0385	0.00789	0.00000517	11.5	0.0000168	0.00012	0.000166	0.00159
2038 Dec	1060	0.116	0.44	0.0133	83.5	0.0432	58.4	0.000882	0.000882	0.00000556	0.00391	0.000867	0.0385	0.00789	0.00000517	11.5	0.0000168	0.00012	0.000166	0.00159
2039 Jan	1060	0.116	0.44	0.0133	83.5	0.0432	58.4	0.000882	0.000882	0.00000556	0.00391	0.000867	0.0385	0.00789	0.00000517	11.5	0.0000168	0.00012	0.000166	0.00159
2039 Feb	1060	0.116	0.44	0.0133	83.5	0.0432	58.4	0.000882	0.000882	0.00000556	0.00391	0.000867	0.0385	0.00789	0.00000517	11.5	0.0000168	0.00012	0.000166	0.00159
2039 Mar	1060	0.116	0.44	0.0133	83.5	0.0432	58.4	0.000882	0.000882	0.00000556	0.00391	0.000867	0.0385	0.00789	0.00000517	11.5	0.0000168	0.00012	0.000166	0.00159
2039 Apr	1060	0.116	0.44	0.0133	83.6	0.0432	58.4	0.000882	0.000882	0.00000556	0.00391	0.000867	0.0386	0.0079	0.00000517	11.5	0.0000168	0.00012	0.000166	0.00159
2039 May	1060	0.117	0.442	0.0133	83.8	0.0433	58.6	0.000884	0.000884	0.00000557	0.00392	0.00087	0.0387	0.00791	0.00000518	11.5	0.0000168	0.000121	0.000167	0.0016
2039 Jun	1140	0.125	0.472	0.0142	86.8	0.0444	62.5	0.000869	0.000869	0.00000558	0.00398	0.00091	0.0411	0.00789	0.00000516	11.8	0.0000177	0.000127	0.000172	0.00165
2039 Jul	1190	0.13	0.494	0.0148	87.9	0.0451	65.2	0.000858	0.000858	0.00000558	0.00401	0.000935	0.0427	0.00785	0.00000515	12	0.0000182	0.000134	0.000174	0.00169
2039 Aug	1150	0.126	0.478	0.0143	84.6	0.0445	63.2	0.000864	0.000864	0.00000557	0.00398	0.000912	0.0415	0.00785	0.00000515	11.8	0.0000178	0.000131	0.000171	0.00166
2039 Sep	1090	0.12	0.452	0.0136	80.2	0.0436	60	0.000874	0.000874	0.00000555	0.00393	0.000873	0.0395	0.00786	0.00000515	11.6	0.0000171	0.000124	0.000168	0.00161
2039 Oct	1060	0.117	0.443	0.0133	78.5	0.0432	58.8	0.000876	0.000876	0.00000553	0.0039	0.000858	0.0388	0.00786	0.00000515	11.5	0.0000168	0.00012	0.000166	0.00159
2039 Nov	1070	0.117	0.443	0.0133	78.5	0.0432	58.8	0.000876	0.000876	0.00000553	0.0039	0.000859	0.0388	0.00786	0.00000515	11.5	0.0000168	0.00012	0.000167	0.00159
2039 Dec	1070	0.117	0.443	0.0133	78.5	0.0432	58.8	0.000876	0.000876	0.00000553	0.0039	0.000859	0.0388	0.00786	0.00000515	11.5	0.0000168	0.00012	0.000167	0.00159
2040 Jan	1070	0.117	0.443	0.0133	78.5	0.0432	58.8	0.000876	0.000876	0.00000553	0.0039	0.000859	0.0388	0.00786	0.00000515	11.5	0.0000168	0.00012	0.000167	0.00159
2040 Feb	1070	0.117	0.443	0.0133	78.5	0.0432	58.8	0.000876	0.000876	0.00000553	0.0039	0.000859	0.0388	0.00786	0.00000515	11.5	0.0000168	0.00012	0.000167	0.00159
2040 Mar	1070	0.117	0.443	0.0133	78.5	0.0432	58.8	0.000876	0.000876	0.00000553	0.0039	0.000859	0.0388	0.00786	0.00000515	11.5	0.0000169	0.00012	0.000167	0.00159
2040 Apr	1070	0.117	0.443	0.0133	78.6	0.0432	58.8	0.000877	0.000877	0.00000554	0.00391	0.000859	0.0388	0.00786	0.00000515	11.5	0.0000169	0.00012	0.000167	0.00159
2040 May	1070	0.118	0.445	0.0134	78.9	0.0433	59.1	0.000878	0.000878	0.00000555	0.00392	0.000863	0.039	0.00788	0.00000516	11.5	0.0000169	0.000121	0.000167	0.0016
2040 Jun	1110	0.122	0.462	0.0139	79.9	0.0438	61.2	0.000867	0.000867	0.00000554	0.00394	0.000883	0.0402	0.00785	0.00000514	11.6	0.0000173	0.000124	0.000169	0.00163
2040 Jul	1080	0.118	0.448	0.0135	77	0.0434	59.4	0.000875	0.000875	0.00000554	0.0039	0.000863	0.0391	0.00784	0.00000515	11.5	0.000017	0.000125	0.000166	0.00161
2040 Aug	1040	0.114	0.432	0.013	74.2	0.0428	57.4	0.000883	0.000883	0.00000554	0.00387	0.000841	0.0378	0.00785	0.00000516	11.3	0.0000166	0.000123	0.000163	0.00158
2040 Sep	1000	0.111	0.417	0.0126	71.5	0.0423	55.5	0.000887	0.000887	0.00000552	0.00384	0.000818	0.0367	0.00785	0.00000516	11.2	0.0000162	0.000118	0.000161	0.00155
2040 Oct	982	0.108	0.408	0.0124	70	0.0419	54.4	0.000891	0.000891	0.00000551	0.00382	0.000805	0.036	0.00785	0.00000516	11.1	0.0000159	0.000115	0.00016	0.00153
2040 Nov	983	0.108	0.408	0.0124	70.1	0.0419	54.4	0.000891	0.000891	0.00000552	0.00382	0.000805	0.036	0.00786	0.00000516	11.1	0.0000159	0.000115	0.00016	0.00153
2040 Dec	983	0.108	0.408	0.0124	70.1	0.0419	54.4	0.000891	0.000891	0.00000552	0.00382	0.000805	0.036	0.00786	0.00000516	11.1	0.0000159	0.000115	0.00016	0.00153
2041 Jan	983	0.108	0.408	0.0124	70.1	0.0419	54.4	0.000891	0.000891	0.00000552	0.00382	0.000805	0.036	0.00786	0.00000516	11.1	0.0000159	0.000115	0.00016	0.00153
2041 Feb	983	0.108	0.408	0.0124	70.1	0.0419	54.4	0.000891	0.000891	0.00000552	0.00382	0.000805	0.036	0.00786	0.00000516	11.1	0.0000159	0.000115	0.00016	0.00153
2041 Mar	983	0.108	0.408	0.0124	70.1	0.042	54.4	0.000891	0.000891	0.00000552	0.00382	0.000805	0.036	0.00786	0.00000516	11.1	0.0000159	0.000116	0.00016	0.00153
2041 Apr	983	0.108	0.408	0.0124	70.1	0.042	54.4	0.000891	0.000891	0.00000552	0.00382	0.000806	0.036	0.00786	0.00000516	11.1	0.0000159	0.000116	0.00016	0.00153
2041 May	986	0.109	0.409	0.0124	70.2	0.042	54.6	0.000892	0.000892	0.00000553	0.00383	0.000807	0.0361	0.00787	0.00000517	11.1	0.000016	0.000116	0.00016	0.00153
2041 Jun	997	0.11	0.414	0.0125	70	0.0421	55.1	0.000886	0.000886	0.00000551	0.00383	0.000813	0.0365	0.00784	0.00000515	11.2	0.0000161	0.000117	0.00016	0.00154
2041 Jul	1000	0.11	0.416	0.0126	68.8	0.042	55.3	0.00088	0.00088	0.00000548	0.00381	0.000813	0.0365	0.00778	0.00000512	11.1	0.0000161	0.000119	0.000159	0.00154
2041 Aug	970	0.107	0.403	0.0122	66.7	0.0417	53.7	0.00089	0.00089	0.0000055	0.00379	0.000795	0.0355	0.00781	0.00000515	11	0.0000158	0.000118	0.000157	0.00152
2041 Sep	940	0.104	0.39	0.0118	64.6	0.0412	52.1	0.000895	0.000895	0.00000549	0.00377	0.000777	0.0346	0.00782	0.00000515	10.9	0.0000154	0.000114	0.000156	0.0015
2041 Oct	926	0.102	0.384	0.0117	63.6	0.041	51.4	0.000896	0.000896	0.00000548	0.00375	0.000768	0.0341	0.00782	0.00000515	10.8	0.0000153	0.000112	0.000155	0.00148
2041 Nov	927	0.102	0.385	0.0117	63.7	0.041	51.4	0.000897	0.000897	0.00000548	0.00376	0.000769	0.0341	0.00782	0.00000515	10.8	0.0000153	0.000112	0.000155	0.00148
2041 Dec	927	0.102	0.385	0.0117	63.7	0.041	51.4	0.000897	0.000897	0.00000548	0.00376	0.000769	0.0341	0.00782	0.00000515	10.9	0.0000153	0.000112	0.000155	0.00148
2042 Jan	927	0.102	0.385	0.0117	63.7	0.041	51.4	0.000897	0.000897	0.00000548	0.00376	0.000769	0.0341	0.00782	0.00000515	10.9	0.0000153	0.000112	0.000155	0.00148
2042 Feb	927	0.102	0.385	0.0117	63.7	0.041	51.4	0.000897	0.000897	0.00000548	0.00376	0.000769	0.0341	0.00782	0.00000515	10.9	0.0000153	0.000112	0.000155	0.00148
2042 Mar	927	0.102	0.385	0.0117	63.7	0.041	51.4	0.000897	0.000897	0.00000548	0.00376	0.000769	0.0341	0.00782	0.00000515	10.9	0.0000153	0.000112	0.000155	0.00148
2042 Apr	928	0.102	0.385	0.0117	63.8	0.041	51.5	0.000897	0.000897	0.00000549	0.00376	0.000769	0.0342	0.00783	0.00000515	10.9	0.0000153	0.000112	0.000155	0.00149
2042 May	931	0.103	0.386	0.0117	64	0.0412	51.6	0.0009	0.0009	0.0000055	0.00377	0.000772	0.0343	0.00785	0.00000517	10.9	0.0000154	0.000112	0.000156	0.00149
2042 Jun	932	0.103	0.387	0.0118	63.4	0.0411	51.7	0.000896	0.000896	0.00000549	0.00376	0.000772	0.0343	0.00782	0.00000515	10.9	0.0000154	0.000113	0.000155	0.00149
2042 Jul	919	0.101	0.381	0.0116	61.9	0.0408	51	0.000895	0.000895	0.00000547	0.00373	0.000763	0.0338	0.00779	0.00000514	10.8	0.0000152	0.000114	0.000153	0.00148
2042 Aug	902	0.0996	0.374	0.0114	60.3	0.0405	50.1	0.000896	0.000896	0.00000545	0.00371	0.000752	0.0333	0.00776	0.00000512	10.7	0.000015	0.000113	0.000152	0.00146
2042 Sep	880	0.0972	0.365	0.0111	58.7	0.0401	48.9	0.000897	0.000897	0.00000543	0.00369	0.000738	0.0325	0.00776	0.00000512	10.6	0.0000147	0.00011	0.000151	0.00144
2042 Oct	869	0.096	0.36	0.011	57.9	0.0399	48.3	0.000897	0.000897	0.00000542	0.00367	0.000731	0.0322	0.00775	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143
2042 Nov	870	0.0961	0.361	0.011	58	0.0399	48.3	0.000898	0.000898	0.00000542	0.00368	0.000731	0.0322	0.00775	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143
2042 Dec	870	0.0961	0.361	0.011	58	0.0399	48.3	0.000898	0.000898	0.00000543	0.00368	0.000731	0.0322	0.00775	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143
2043 Jan	870	0.0961	0.361	0.011	58	0.0399	48.3	0.000898	0.000898	0.00000543	0.00368	0.000731	0.0322	0.00775	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143
2043 Feb	870	0.0961	0.361	0.011	58	0.0399	48.3	0.000898	0.000898	0.00000543	0.00368	0.000731	0.0322	0.00775	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143
2043 Mar	870	0.0961	0.361	0.011	58	0.0399	48.3	0.000898	0.000898	0.00000543	0.00368	0.000731	0.0322	0.00775	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143
2043 Apr	870	0.0961	0.361	0.011	58	0.0399	48.4	0.000898	0.000898	0.00000543	0.00368	0.000732	0.0322	0.00776	0.00000512	10.6	0.0000146	0.000108	0.00015	0.00144
2043 May	873	0.0965	0.362	0.0111	58.2	0.0401	48.6	0.000901	0.000901	0.00000544	0.00369	0.000734	0.0323	0.00778	0.00000513	10.6	0.0000147	0.000108	0.000151	0.00144
2043 Jun	879	0.0971	0.365	0.0111	58	0.04	48.9	0.000896	0.000896	0.00000543	0.00368	0.000737	0.0325	0.00775	0.00000511	10.6	0.0000147	0.000109	0.000151	0.00144
2043 Jul	890	0.0983	0.369	0.0113	58.4	0.0404	49.5	0.000901	0.000901	0.00000546	0.00371	0.000745	0.0329	0.0078	0.00000514	10.7	0.0000149	0.00011	0.000152	0.00146
2043 Aug	903	0.0996	0.374	0.0114	59	0.0407	50.1	0.000905	0.000905	0.0000055	0.00374	0.000753	0.0333	0.00785	0.00000517	10.8	0.000015	0.000111	0.000153	0.00147
2043 Sep	911	0.101	0.378	0.0115	59.3	0.0409	50.6	0.000905	0.000905	0.00000551	0.00376	0.000758	0.0336	0.00786	0.00000518	10.8	0.0000151	0.000112	0.000154	0.00148
2043 Oct	915	0.101	0.38	0.0116	59.4	0.041	50.8	0.000904	0.000904	0.00000551	0.00376	0.000761	0.0338	0.00786	0.00000518	10.8	0.0000152	0.000112	0.000154	0.00148
2043 Nov	917	0.101	0.38	0.0116	59.4	0.041	50.9	0.000903	0.000903	0.0000055	0.00376	0.000761	0.0338	0.00785	0.00000517	10.8	0.0000152	0.000112	0.000155	0.00148

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	917	0.101	0.38	0.0116	59.4	0.041	50.9	0.000903	0.000903	0.00000551	0.00376	0.000761	0.0338	0.00785	0.00000517	10.8	0.0000152	0.000112	0.000155	0.00148
2044 Jan	917	0.101	0.38	0.0116	59.4	0.041	50.9	0.000903	0.000903	0.00000551	0.00376	0.000761	0.0338	0.00785	0.00000517	10.8	0.0000152	0.000112	0.000155	0.00148
2044 Feb	917	0.101	0.38	0.0116	59.4	0.041	50.9	0.000903	0.000903	0.00000551	0.00376	0.000762	0.0338	0.00785	0.00000517	10.8	0.0000152	0.000112	0.000155	0.00148
2044 Mar	917	0.101	0.38	0.0116	59.4	0.041	50.9	0.000904	0.000904	0.00000551	0.00376	0.000762	0.0338	0.00786	0.00000518	10.8	0.0000152	0.000112	0.000155	0.00148
2044 Apr	917	0.101	0.381	0.0116	59.4	0.041	50.9	0.000904	0.000904	0.00000551	0.00376	0.000762	0.0338	0.00786	0.00000518	10.8	0.0000152	0.000112	0.000155	0.00148
2044 May	919	0.101	0.381	0.0116	59.6	0.0411	51	0.000906	0.000906	0.00000552	0.00377	0.000764	0.0339	0.00787	0.00000519	10.9	0.0000152	0.000113	0.000155	0.00149
2044 Jun	936	0.103	0.389	0.0118	59.8	0.0412	51.9	0.000896	0.000896	0.00000549	0.00377	0.000772	0.0345	0.00783	0.00000515	10.9	0.0000154	0.000113	0.000156	0.00149
2044 Jul	951	0.105	0.395	0.012	60.4	0.0415	52.7	0.000898	0.000898	0.00000552	0.00379	0.000781	0.0349	0.00786	0.00000517	11	0.0000156	0.000114	0.000157	0.00151
2044 Aug	962	0.106	0.399	0.0121	61	0.0419	53.3	0.000905	0.000905	0.00000556	0.00383	0.00079	0.0354	0.00793	0.00000521	11.1	0.0000157	0.000115	0.000159	0.00152
2044 Sep	973	0.107	0.404	0.0122	61.2	0.042	53.9	0.000901	0.000901	0.00000556	0.00383	0.000795	0.0357	0.00791	0.0000052	11.1	0.0000159	0.000116	0.00016	0.00153
2044 Oct	977	0.108	0.406	0.0123	61.3	0.0421	54.1	0.0009	0.0009	0.00000555	0.00384	0.000798	0.0358	0.00791	0.0000052	11.1	0.0000159	0.000116	0.00016	0.00153
2044 Nov	978	0.108	0.406	0.0123	61.4	0.0421	54.2	0.0009	0.0009	0.00000555	0.00384	0.000798	0.0359	0.00791	0.0000052	11.1	0.0000159	0.000116	0.00016	0.00153
2044 Dec	978	0.108	0.406	0.0123	61.4	0.0421	54.2	0.0009	0.0009	0.00000556	0.00384	0.000798	0.0359	0.00791	0.0000052	11.1	0.0000159	0.000116	0.00016	0.00153
2045 Jan	978	0.108	0.406	0.0123	61.4	0.0421	54.2	0.0009	0.0009	0.00000556	0.00384	0.000798	0.0359	0.00791	0.0000052	11.1	0.0000159	0.000116	0.00016	0.00153
2045 Feb	978	0.108	0.406	0.0123	61.4	0.0421	54.2	0.0009	0.0009	0.00000556	0.00384	0.000798	0.0359	0.00791	0.0000052	11.1	0.0000159	0.000116	0.00016	0.00153
2045 Mar	978	0.108	0.406	0.0123	61.4	0.0421	54.2	0.0009	0.0009	0.00000556	0.00384	0.000798	0.0359	0.00791	0.0000052	11.1	0.0000159	0.000116	0.00016	0.00153
2045 Apr	978	0.108	0.406	0.0123	61.4	0.0421	54.2	0.0009	0.0009	0.00000556	0.00384	0.000799	0.0359	0.00791	0.0000052	11.1	0.0000159	0.000116	0.00016	0.00153
2045 May	980	0.108	0.407	0.0123	61.5	0.0422	54.3	0.000902	0.000902	0.00000557	0.00385	0.0008	0.036	0.00793	0.00000521	11.2	0.000016	0.000116	0.00016	0.00154
2045 Jun	992	0.109	0.412	0.0125	61.8	0.0423	54.9	0.000897	0.000897	0.00000556	0.00385	0.000806	0.0363	0.00791	0.0000052	11.2	0.0000161	0.000117	0.000161	0.00154
2045 Jul	1010	0.111	0.418	0.0126	62.3	0.0426	55.7	0.000898	0.000898	0.00000558	0.00387	0.000815	0.0368	0.00794	0.00000521	11.3	0.0000162	0.000118	0.000162	0.00156
2045 Aug	1020	0.112	0.423	0.0128	62.8	0.0429	56.3	0.000902	0.000902	0.00000561	0.0039	0.000823	0.0372	0.00798	0.00000524	11.4	0.0000164	0.000119	0.000164	0.00157
2045 Sep	1030	0.113	0.427	0.0129	63.1	0.0431	56.8	0.000901	0.000901	0.00000562	0.00391	0.000828	0.0375	0.00799	0.00000524	11.4	0.0000165	0.00012	0.000165	0.00158
2045 Oct	1030	0.113	0.428	0.0129	63.2	0.0431	56.9	0.000902	0.000902	0.00000562	0.00392	0.00083	0.0376	0.008	0.00000525	11.4	0.0000165	0.00012	0.000165	0.00158
2045 Nov	1030	0.113	0.428	0.0129	63.2	0.0431	56.9	0.000902	0.000902	0.00000562	0.00392	0.00083	0.0376	0.008	0.00000525	11.4	0.0000165	0.00012	0.000165	0.00158
2045 Dec	1030	0.113	0.428	0.0129	63.2	0.0431	56.9	0.000902	0.000902	0.00000562	0.00392	0.00083	0.0376	0.008	0.00000525	11.4	0.0000165	0.00012	0.000165	0.00158
2046 Jan	1030	0.113	0.428	0.0129	63.2	0.0431	56.9	0.000902	0.000902	0.00000562	0.00392	0.00083	0.0376	0.008	0.00000525	11.4	0.0000165	0.00012	0.000165	0.00158
2046 Feb	1030	0.113	0.428	0.0129	63.2	0.0431	56.9	0.000902	0.000902	0.00000562	0.00392	0.00083	0.0376	0.008	0.00000525	11.4	0.0000165	0.00012	0.000165	0.00158
2046 Mar	1030	0.113	0.428	0.0129	63.2	0.0432	56.9	0.000902	0.000902	0.00000562	0.00392	0.000831	0.0376	0.008	0.00000525	11.4	0.0000165	0.00012	0.000165	0.00158
2046 Apr	1030	0.113	0.428	0.0129	63.3	0.0432	57	0.000903	0.000903	0.00000563	0.00392	0.000831	0.0377	0.00801	0.00000526	11.4	0.0000166	0.00012	0.000165	0.00158
2046 May	1030	0.114	0.429	0.013	63.4	0.0433	57.1	0.000905	0.000905	0.00000564	0.00393	0.000833	0.0378	0.00802	0.00000527	11.5	0.0000166	0.00012	0.000165	0.00159
2046 Jun	1050	0.115	0.435	0.0131	63.6	0.0433	57.8	0.000897	0.000897	0.00000562	0.00393	0.00084	0.0382	0.00798	0.00000524	11.5	0.0000167	0.000121	0.000166	0.00159
2046 Jul	1060	0.117	0.443	0.0133	64	0.0435	58.8	0.00089	0.00089	0.0000056	0.00394	0.000849	0.0388	0.00796	0.00000522	11.6	0.0000169	0.000122	0.000167	0.0016
2046 Aug	1080	0.118	0.447	0.0135	64.5	0.0438	59.4	0.000894	0.000894	0.00000564	0.00396	0.000857	0.0392	0.008	0.00000525	11.6	0.0000171	0.000123	0.000169	0.00162
2046 Sep	1090	0.119	0.452	0.0136	64.8	0.044	59.9	0.000891	0.000891	0.00000563	0.00397	0.000863	0.0395	0.00799	0.00000524	11.7	0.0000172	0.000123	0.000169	0.00162
2046 Oct	1090	0.12	0.454	0.0136	64.9	0.044	60.2	0.000888	0.000888	0.00000562	0.00397	0.000865	0.0397	0.00798	0.00000523	11.7	0.0000172	0.000123	0.00017	0.00163
2046 Nov	1090	0.12	0.454	0.0137	64.9	0.044	60.2	0.000888	0.000888	0.00000562	0.00397	0.000865	0.0397	0.00798	0.00000523	11.7	0.0000172	0.000123	0.00017	0.00163
2046 Dec	1090	0.12	0.454	0.0137	64.9	0.044	60.2	0.000888	0.000888	0.00000562	0.00397	0.000866	0.0397	0.00798	0.00000523	11.7	0.0000172	0.000123	0.00017	0.00163
2047 Jan	1090	0.12	0.454	0.0137	64.9	0.044	60.2	0.000888	0.000888	0.00000562	0.00397	0.000866	0.0397	0.00798	0.00000523	11.7	0.0000172	0.000123	0.00017	0.00163
2047 Feb	1090	0.12	0.454	0.0137	64.9	0.044	60.2	0.000888	0.000888	0.00000562	0.00397	0.000866	0.0397	0.00798	0.00000523	11.7	0.0000172	0.000123	0.00017	0.00163
2047 Mar	1090	0.12	0.454	0.0137	64.9	0.044	60.2	0.000889	0.000889	0.00000563	0.00397	0.000866	0.0397	0.00798	0.00000523	11.7	0.0000172	0.000123	0.00017	0.00163
2047 Apr	1090	0.12	0.454	0.0137	64.9	0.044	60.3	0.000889	0.000889	0.00000563	0.00397	0.000866	0.0397	0.00799	0.00000523	11.7	0.0000172	0.000123	0.00017	0.00163
2047 May	1100	0.12	0.455	0.0137	65.1	0.0441	60.4	0.00089	0.00089	0.00000563	0.00398	0.000868	0.0398	0.008	0.00000524	11.7	0.0000173	0.000124	0.00017	0.00163
2047 Jun	1110	0.122	0.462	0.0139	65.3	0.0442	61.2	0.000883	0.000883	0.00000562	0.00398	0.000875	0.0403	0.00797	0.00000521	11.8	0.0000174	0.000124	0.000171	0.00164
2047 Jul	1120	0.123	0.467	0.014	65.9	0.0446	61.9	0.000888	0.000888	0.00000566	0.00402	0.000884	0.0407	0.00802	0.00000525	11.9	0.0000176	0.000126	0.000173	0.00165
2047 Aug	1130	0.125	0.472	0.0142	66.5	0.045	62.5	0.000893	0.000893	0.0000057	0.00405	0.000893	0.0412	0.00808	0.00000528	12	0.0000178	0.000127	0.000174	0.00167
2047 Sep	1140	0.126	0.476	0.0143	66.8	0.0451	63.1	0.000892	0.000892	0.0000057	0.00406	0.000899	0.0415	0.00808	0.00000528	12	0.0000179	0.000127	0.000175	0.00168
2047 Oct	1150	0.126	0.478	0.0143	66.9	0.0451	63.3	0.000889	0.000889	0.00000569	0.00406	0.000901	0.0416	0.00806	0.00000527	12	0.0000179	0.000127	0.000175	0.00168
2047 Nov	1150	0.126	0.478	0.0144	66.9	0.0452	63.4	0.000889	0.000889	0.00000569	0.00406	0.000901	0.0417	0.00806	0.00000527	12	0.0000179	0.000127	0.000175	0.00168
2047 Dec	1150	0.126	0.478	0.0144	66.9	0.0452	63.4	0.000889	0.000889	0.00000569	0.00406	0.000901	0.0417	0.00806	0.00000527	12	0.0000179	0.000127	0.000175	0.00168
2048 Jan	1150	0.126	0.478	0.0144	66.9	0.0452	63.4	0.000889	0.000889	0.00000569	0.00406	0.000901	0.0417	0.00806	0.00000527	12	0.0000179	0.000127	0.000175	0.00168
2048 Feb	1150	0.126	0.479	0.0144	66.9	0.0452	63.4	0.000889	0.000889	0.00000569	0.00406	0.000901	0.0417	0.00806	0.00000527	12	0.0000179	0.000127	0.000175	0.00168
2048 Mar	1150	0.126	0.479	0.0144	66.9	0.0452	63.4	0.000889	0.000889	0.00000569	0.00406	0.000902	0.0417	0.00806	0.00000527	12	0.0000179	0.000127	0.000175	0.00168
2048 Apr	1150	0.126	0.479	0.0144	66.9	0.0452	63.4	0.000889	0.000889	0.00000569	0.00406	0.000902	0.0417	0.00807	0.00000528	12	0.0000179	0.000128	0.000175	0.00168
2048 May	1150	0.127	0.48	0.0144	67.1	0.0453	63.5	0.000891	0.000891	0.00000571	0.00407	0.000904	0.0418	0.00809	0.00000529	12	0.000018	0.000128	0.000176	0.00168
2048 Jun	1170	0.128	0.485	0.0145	67.3	0.0453	64.2	0.000883	0.000883	0.00000568	0.00407	0.00091	0.0422	0.00805	0.00000526	12.1	0.0000181	0.000128	0.000176	0.00169
2048 Jul	1180	0.13	0.492	0.0147	67.7	0.0456	65.1	0.000879	0.000879	0.00000568	0.00408	0.00092	0.0428	0.00804	0.00000525	12.1	0.0000183	0.000129	0.000178	0.0017
2048 Aug	1200	0.131	0.498	0.0149	68.2	0.0459	65.9	0.00088	0.00088	0.0000057	0.0041	0.000928	0.0432	0.00807	0.00000527	12.2	0.0000184	0.00013	0.000179	0.00171
2048 Sep	1210	0.132	0.502	0.015	68.5	0.046	66.3	0.000879	0.000879	0.0000057	0.00411	0.000934	0.0435	0.00807	0.00000527	12.2	0.0000185	0.000131	0.00018	0.00172
2048 Oct	1210	0.133	0.504	0.0151	68.6	0.046	66.5	0.000877	0.000877	0.0000057	0.00411	0.000936	0.0437	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00172
2048 Nov	1210	0.133	0.504	0.0151	68.6	0.0461	66.6	0.000877	0.000877	0.0000057	0.00412	0.000936	0.0437	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00172
2048 Dec	1210	0.133	0.504	0.0151	68.6	0.0461	66.6	0.000877	0.000877	0.0000057	0.00412	0.000936	0.0437	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00172
2049 Jan	1210	0.133	0.504	0.0151	68.6	0.0461	66.6	0.000877	0.000877	0.0000057	0.00412	0.000936	0.0437	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00172
2049 Feb	1210	0.133	0.504	0.0151	68.6	0.0461	66.6	0.000877	0.000877	0.0000057	0.00412	0.000936	0.0437	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00172
2049 Mar	1210	0.133	0.504	0.0151	68.6	0.0461	66.6	0.000878	0.000878	0.0000057	0.00412	0.000937	0.0437	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00172
2049 Apr	1210	0.133	0.504	0.0151	68.7	0.0461	66.6	0.000878	0.000878	0.0000057	0.00412	0.000937	0.0437	0.00807	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00173
2049 May	1210	0.133	0.506	0.0151	68.8	0.0462	66.8	0.00088	0.00088	0.00000572	0.00413	0.000939	0.0438	0.00809	0.00000528	12.3	0.0000186	0.000131	0.000181	0.00173
2049 Jun	1230	0.135	0.511	0.0153	69	0.0462	67.4	0.000872	0.000872	0.00000569	0.00412	0.000945	0.0442	0.00804	0.00000524	12.3	0.0000188	0.000132	0.000181	0.00173
2049 Jul	1240	0.136	0.518	0.0154	69.4	0.0465	68.3	0.000868	0.000868	0.00000569	0.00414	0.000954	0.0448	0.00804	0.00000524	12.4	0.0000189	0.000133	0.000182	0.00175
2049 Aug	1260	0.138	0.523	0.0156	70.1	0.0469	69	0.000875	0.000875	0.00000574	0.00417	0.000964	0.0452	0.00811	0.00000528	12.5	0.0000191	0.000134	0.000184	0.00176
2049 Sep	1270	0.139	0.527	0.0157	70.3	0.047	69.5	0.000873	0.000873	0.00000574	0.00418	0.000969	0.0455	0.0081	0.00000528	12.5	0.0000192	0.000135	0.000185	0.00177
2049 Oct	1270	0.139	0.529	0.0158	70.4	0.0471	69.8	0.000871	0.000871	0.00000573	0.00418	0.000971	0.0457	0.0081	0.00000527	12.5	0.0000193	0.000135	0.000185	0.00177
2049 Nov	1270	0.139	0.53	0.0158	70.5	0.0471	69.8	0.000871	0.000871	0.00000573	0.00419	0.000972	0.0457	0.0081	0.00000527	12.5	0.0000193	0.000135	0.000185	0.00177
2049 Dec	1270	0.139	0.53	0.0158	70.5	0.0471	69.8	0.000871	0.000871	0.00000574	0.00419	0.000972	0.0457	0.0081	0.00000527	12.5	0.0000193	0.000135	0.000185	0.00177
2050 Jan	1270	0.139	0.53	0.0158	70.5	0.0471	69.8	0.000871	0.000871	0.00000574	0.00419	0.000972	0.0457	0.0081	0.00000527	12.5	0.0000193	0.000135	0.000185	0.00177
2050 Feb	1270	0.139	0.53	0.0158	70.5	0.0471	69.8	0.000871	0.000871	0.00000574	0.00419	0.000972	0.0457	0.0081	0.00000527	12.5	0.0000193	0.000135	0.000185	0.00177
2050 Mar	1270	0.139	0.53	0.0158	70.5	0.0471	69.8	0.000871	0.000871	0.00000574	0.00419	0.000972	0.0457	0.0081	0.00000527	12.5	0.0000193	0.000135	0.000185	0.00177
2050 Apr	1270	0.14	0.53	0.0158	70.5	0.0471	69.9	0.000871	0.000871	0.00000574	0.00419	0.000973	0.0458	0.0081	0.00000527	12.6	0.0000193	0.000135	0.000185	0.00177

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	1270	0.14	0.531	0.0158	70.6	0.0472	70	0.000873	0.000873	0.00000575	0.0042	0.000974	0.0458	0.00812	0.00000528	12.6	0.0000193	0.000135	0.000186	0.00178
2050 Jun	1290	0.141	0.536	0.016	70.8	0.0473	70.6	0.000867	0.000867	0.00000573	0.0042	0.00098	0.0462	0.00809	0.00000526	12.6	0.0000194	0.000136	0.000186	0.00178
2050 Jul	1300	0.143	0.542	0.0161	71.2	0.0474	71.4	0.000862	0.000862	0.00000572	0.0042	0.000988	0.0467	0.00807	0.00000525	12.7	0.0000196	0.000136	0.000187	0.00179
2050 Aug	1310	0.144	0.547	0.0163	71.7	0.0477	72.1	0.000865	0.000865	0.00000575	0.00423	0.000996	0.0471	0.00811	0.00000528	12.7	0.0000198	0.000137	0.000189	0.00181
2050 Sep	1320	0.145	0.551	0.0164	72	0.0479	72.5	0.000865	0.000865	0.00000576	0.00424	0.001	0.0474	0.00812	0.00000528	12.8	0.0000199	0.000138	0.000189	0.00181
2050 Oct	1320	0.145	0.552	0.0164	72.1	0.048	72.6	0.000866	0.000866	0.00000577	0.00425	0.001	0.0475	0.00813	0.00000529	12.8	0.0000199	0.000138	0.00019	0.00182
2050 Nov	1320	0.145	0.552	0.0164	72.1	0.048	72.7	0.000866	0.000866	0.00000577	0.00425	0.001	0.0475	0.00814	0.00000529	12.8	0.0000199	0.000138	0.00019	0.00182
2050 Dec	1330	0.145	0.552	0.0164	72.2	0.048	72.7	0.000866	0.000866	0.00000577	0.00425	0.001	0.0475	0.00814	0.00000529	12.8	0.0000199	0.000138	0.00019	0.00182
2051 Jan	1330	0.145	0.552	0.0164	72.2	0.048	72.7	0.000866	0.000866	0.00000577	0.00425	0.001	0.0475	0.00814	0.00000529	12.8	0.0000199	0.000138	0.00019	0.00182
2051 Feb	1330	0.145	0.552	0.0164	72.2	0.048	72.7	0.000866	0.000866	0.00000577	0.00425	0.001	0.0475	0.00814	0.00000529	12.8	0.0000199	0.000138	0.00019	0.00182
2051 Mar	1330	0.145	0.552	0.0164	72.2	0.048	72.7	0.000866	0.000866	0.00000577	0.00425	0.001	0.0475	0.00814	0.00000529	12.8	0.0000199	0.000138	0.00019	0.00182
2051 Apr	1330	0.145	0.553	0.0164	72.2	0.048	72.7	0.000867	0.000867	0.00000578	0.00425	0.001	0.0476	0.00814	0.00000529	12.8	0.0000199	0.000138	0.00019	0.00182
2051 May	1330	0.146	0.554	0.0165	72.4	0.0481	72.9	0.000869	0.000869	0.00000579	0.00426	0.00101	0.0477	0.00816	0.0000053	12.8	0.00002	0.000139	0.00019	0.00182
2051 Jun	1340	0.147	0.559	0.0166	72.5	0.0481	73.6	0.000857	0.000857	0.00000575	0.00425	0.00101	0.0481	0.0081	0.00000526	12.8	0.0000201	0.000139	0.000191	0.00183
2051 Jul	1360	0.149	0.566	0.0168	73	0.0484	74.5	0.000856	0.000856	0.00000576	0.00427	0.00102	0.0486	0.00811	0.00000526	12.9	0.0000203	0.00014	0.000192	0.00184
2051 Aug	1370	0.15	0.572	0.017	73.5	0.0487	75.2	0.000857	0.000857	0.00000578	0.00429	0.00103	0.0491	0.00813	0.00000528	13	0.0000204	0.000141	0.000193	0.00185
2051 Sep	1380	0.151	0.576	0.0171	73.7	0.0488	75.7	0.000854	0.000854	0.00000577	0.0043	0.00104	0.0494	0.00813	0.00000527	13	0.0000205	0.000142	0.000194	0.00186
2051 Oct	1390	0.152	0.578	0.0172	73.7	0.0487	76	0.000848	0.000848	0.00000575	0.00429	0.00104	0.0496	0.00809	0.00000524	13	0.0000206	0.000141	0.000194	0.00186
2051 Nov	1390	0.152	0.579	0.0172	73.7	0.0488	76	0.000848	0.000848	0.00000575	0.00429	0.00104	0.0496	0.00809	0.00000524	13	0.0000206	0.000142	0.000194	0.00186
2051 Dec	1390	0.152	0.579	0.0172	73.7	0.0488	76	0.000848	0.000848	0.00000575	0.00429	0.00104	0.0496	0.00809	0.00000524	13	0.0000206	0.000142	0.000194	0.00186
2052 Jan	1390	0.152	0.579	0.0172	73.7	0.0488	76	0.000848	0.000848	0.00000575	0.00429	0.00104	0.0496	0.00809	0.00000524	13	0.0000206	0.000142	0.000194	0.00186
2052 Feb	1390	0.152	0.579	0.0172	73.7	0.0488	76	0.000848	0.000848	0.00000575	0.00429	0.00104	0.0496	0.00809	0.00000524	13	0.0000206	0.000142	0.000194	0.00186
2052 Mar	1390	0.152	0.579	0.0172	73.7	0.0488	76	0.000848	0.000848	0.00000575	0.00429	0.00104	0.0496	0.00809	0.00000524	13	0.0000206	0.000142	0.000194	0.00186
2052 Apr	1390	0.152	0.579	0.0172	73.7	0.0488	76.1	0.000848	0.000848	0.00000575	0.00429	0.00104	0.0496	0.00809	0.00000525	13	0.0000206	0.000142	0.000194	0.00186
2052 May	1390	0.152	0.58	0.0172	73.9	0.0489	76.3	0.000849	0.000849	0.00000576	0.0043	0.00104	0.0497	0.0081	0.00000525	13.1	0.0000206	0.000142	0.000195	0.00187
2052 Jun	1400	0.154	0.585	0.0173	74.2	0.049	76.9	0.000847	0.000847	0.00000576	0.00431	0.00105	0.0501	0.0081	0.00000525	13.1	0.0000207	0.000143	0.000196	0.00187
2052 Jul	1420	0.155	0.592	0.0175	74.8	0.0494	77.7	0.000848	0.000848	0.00000578	0.00434	0.00106	0.0507	0.00813	0.00000527	13.2	0.000021	0.000144	0.000197	0.00189
2052 Aug	1430	0.157	0.598	0.0177	75.3	0.0497	78.4	0.000849	0.000849	0.00000581	0.00436	0.00107	0.0511	0.00816	0.00000528	13.3	0.0000211	0.000145	0.000199	0.0019
2052 Sep	1440	0.158	0.601	0.0178	75.6	0.0498	78.9	0.000848	0.000848	0.00000581	0.00437	0.00107	0.0514	0.00816	0.00000529	13.3	0.0000212	0.000145	0.000199	0.00191
2052 Oct	1440	0.158	0.603	0.0178	75.7	0.0499	79.1	0.000848	0.000848	0.00000581	0.00438	0.00107	0.0515	0.00817	0.00000529	13.3	0.0000213	0.000146	0.0002	0.00191
2052 Nov	1450	0.158	0.603	0.0179	75.7	0.0499	79.1	0.000848	0.000848	0.00000582	0.00438	0.00107	0.0516	0.00817	0.00000529	13.3	0.0000213	0.000146	0.0002	0.00191
2052 Dec	1450	0.158	0.603	0.0179	75.7	0.0499	79.1	0.000848	0.000848	0.00000582	0.00438	0.00107	0.0516	0.00817	0.00000529	13.3	0.0000213	0.000146	0.0002	0.00191
2053 Jan	1450	0.158	0.603	0.0179	75.7	0.0499	79.1	0.000849	0.000849	0.00000582	0.00438	0.00107	0.0516	0.00817	0.00000529	13.3	0.0000213	0.000146	0.0002	0.00191
2053 Feb	1450	0.158	0.603	0.0179	75.7	0.0499	79.1	0.000849	0.000849	0.00000582	0.00438	0.00107	0.0516	0.00817	0.00000529	13.3	0.0000213	0.000146	0.0002	0.00191
2053 Mar	1450	0.158	0.603	0.0179	75.7	0.0499	79.1	0.000849	0.000849	0.00000582	0.00438	0.00107	0.0516	0.00817	0.00000529	13.4	0.0000213	0.000146	0.0002	0.00191
2053 Apr	1450	0.158	0.603	0.0179	75.8	0.05	79.2	0.000849	0.000849	0.00000582	0.00438	0.00108	0.0516	0.00818	0.00000529	13.4	0.0000213	0.000146	0.0002	0.00191
2053 May	1450	0.159	0.605	0.0179	75.9	0.0501	79.4	0.00085	0.00085	0.00000583	0.00439	0.00108	0.0518	0.00819	0.0000053	13.4	0.0000213	0.000146	0.0002	0.00192
2053 Jun	1460	0.16	0.61	0.0181	76	0.05	80	0.00084	0.00084	0.00000579	0.00438	0.00108	0.0521	0.00813	0.00000526	13.4	0.0000214	0.000146	0.000201	0.00192
2053 Jul	1480	0.162	0.617	0.0182	76.6	0.0504	80.9	0.000843	0.000843	0.00000582	0.00441	0.00109	0.0526	0.00817	0.00000529	13.5	0.0000216	0.000148	0.000202	0.00194
2053 Aug	1490	0.163	0.623	0.0184	77.3	0.0508	81.7	0.000848	0.000848	0.00000586	0.00445	0.0011	0.0532	0.00823	0.00000532	13.6	0.0000218	0.000149	0.000204	0.00195
2053 Sep	1500	0.164	0.627	0.0185	77.7	0.0511	82.2	0.000851	0.000851	0.00000589	0.00447	0.00111	0.0535	0.00827	0.00000534	13.7	0.0000219	0.00015	0.000205	0.00196
2053 Oct	1510	0.165	0.628	0.0186	77.8	0.0512	82.4	0.000851	0.000851	0.0000059	0.00447	0.00111	0.0536	0.00827	0.00000535	13.7	0.000022	0.00015	0.000205	0.00197
2053 Nov	1510	0.165	0.629	0.0186	77.9	0.0512	82.4	0.000851	0.000851	0.0000059	0.00447	0.00111	0.0536	0.00827	0.00000535	13.7	0.000022	0.00015	0.000206	0.00197
2053 Dec	1510	0.165	0.629	0.0186	77.9	0.0512	82.4	0.000851	0.000851	0.0000059	0.00447	0.00111	0.0536	0.00827	0.00000535	13.7	0.000022	0.00015	0.000206	0.00197
2054 Jan	1510	0.165	0.629	0.0186	77.9	0.0512	82.4	0.000851	0.000851	0.0000059	0.00447	0.00111	0.0536	0.00827	0.00000535	13.7	0.000022	0.00015	0.000206	0.00197
2054 Feb	1510	0.165	0.629	0.0186	77.9	0.0512	82.4	0.000851	0.000851	0.0000059	0.00447	0.00111	0.0536	0.00827	0.00000535	13.7	0.000022	0.00015	0.000206	0.00197
2054 Mar	1510	0.165	0.629	0.0186	77.9	0.0512	82.4	0.000851	0.000851	0.0000059	0.00447	0.00111	0.0536	0.00827	0.00000535	13.7	0.000022	0.00015	0.000206	0.00197
2054 Apr	1510	0.165	0.629	0.0186	77.9	0.0512	82.5	0.000852	0.000852	0.0000059	0.00448	0.00111	0.0537	0.00828	0.00000535	13.7	0.000022	0.00015	0.000206	0.00197
2054 May	1510	0.165	0.631	0.0186	78.1	0.0513	82.7	0.000853	0.000853	0.00000591	0.00449	0.00112	0.0538	0.00829	0.00000536	13.7	0.0000221	0.00015	0.000206	0.00197
2054 Jun	1520	0.166	0.635	0.0188	78.2	0.0513	83.2	0.000844	0.000844	0.00000588	0.00448	0.00112	0.0541	0.00824	0.00000532	13.7	0.0000222	0.000151	0.000206	0.00198
2054 Jul	1540	0.168	0.641	0.0189	78.6	0.0515	84	0.000842	0.000842	0.00000588	0.00449	0.00113	0.0546	0.00825	0.00000532	13.8	0.0000223	0.000151	0.000208	0.00199
2054 Aug	1550	0.169	0.647	0.0191	79.1	0.0518	84.7	0.000842	0.000842	0.0000059	0.00451	0.00114	0.0551	0.00827	0.00000534	13.9	0.0000225	0.000152	0.000209	0.002
2054 Sep	1560	0.17	0.65	0.0192	79.3	0.0519	85.1	0.000842	0.000842	0.00000591	0.00452	0.00114	0.0553	0.00828	0.00000534	13.9	0.0000226	0.000153	0.00021	0.00201
2054 Oct	1560	0.171	0.652	0.0192	79.4	0.052	85.3	0.000841	0.000841	0.00000591	0.00453	0.00114	0.0555	0.00827	0.00000534	13.9	0.0000226	0.000153	0.00021	0.00201
2054 Nov	1560	0.171	0.652	0.0192	79.4	0.052	85.4	0.00084	0.00084	0.0000059	0.00453	0.00114	0.0555	0.00827	0.00000533	13.9	0.0000226	0.000153	0.00021	0.00201
2054 Dec	1560	0.171	0.652	0.0192	79.4	0.052	85.4	0.00084	0.00084	0.00000591	0.00453	0.00114	0.0555	0.00827	0.00000533	13.9	0.0000226	0.000153	0.00021	0.00201
2055 Jan	1560	0.171	0.652	0.0192	79.4	0.052	85.4	0.00084	0.00084	0.00000591	0.00453	0.00114	0.0555	0.00827	0.00000533	13.9	0.0000226	0.000153	0.00021	0.00201
2055 Feb	1560	0.171	0.652	0.0192	79.4	0.052	85.4	0.00084	0.00084	0.00000591	0.00453	0.00114	0.0555	0.00827	0.00000533	13.9	0.0000226	0.000153	0.00021	0.00201
2055 Mar	1560	0.171	0.652	0.0192	79.4	0.052	85.4	0.00084	0.00084	0.00000591	0.00453	0.00114	0.0555	0.00827	0.00000533	13.9	0.0000226	0.000153	0.00021	0.00201
2055 Apr	1560	0.171	0.653	0.0193	79.5	0.052	85.4	0.000841	0.000841	0.00000591	0.00453	0.00114	0.0555	0.00827	0.00000534	13.9	0.0000226	0.000153	0.00021	0.00201
2055 May	1570	0.171	0.654	0.0193	79.6	0.0521	85.6	0.000842	0.000842	0.00000592	0.00454	0.00115	0.0556	0.00829	0.00000535	14	0.0000227	0.000154	0.00021	0.00202
2055 Jun	1580	0.172	0.658	0.0194	79.7	0.0521	86	0.000835	0.000835	0.00000589	0.00453	0.00115	0.0559	0.00825	0.00000532	14	0.0000227	0.000154	0.000211	0.00202
2055 Jul	1590	0.174	0.664	0.0196	80.2	0.0524	86.9	0.000834	0.000834	0.0000059	0.00455	0.00116	0.0564	0.00826	0.00000532	14	0.0000229	0.000155	0.000212	0.00203
2055 Aug	1600	0.175	0.67	0.0197	80.8	0.0527	87.6	0.000837	0.000837	0.00000594	0.00458	0.00117	0.0569	0.0083	0.00000535	14.1	0.0000231	0.000156	0.000214	0.00205
2055 Sep	1610	0.176	0.673	0.0198	81	0.0529	88.1	0.000836	0.000836	0.00000594	0.00459	0.00117	0.0572	0.00831	0.00000535	14.2	0.0000232	0.000156	0.000214	0.00205
2055 Oct	1620	0.177	0.675	0.0199	81.1	0.0529	88.2	0.000837	0.000837	0.00000595	0.00459	0.00118	0.0573	0.00832	0.00000536	14.2	0.0000232	0.000157	0.000215	0.00206
2055 Nov	1620	0.177	0.675	0.0199	81.2	0.053	88.3	0.000837	0.000837	0.00000595	0.0046	0.00118	0.0573	0.00832	0.00000536	14.2	0.0000233	0.000157	0.000215	0.00206
2055 Dec	1620	0.177	0.675	0.0199	81.2	0.053	88.3	0.000837	0.000837	0.00000595	0.0046	0.00118	0.0573	0.00832	0.00000536	14.2	0.0000233	0.000157	0.000215	0.00206
2056 Jan	1620	0.177	0.675	0.0199	81.2	0.053	88.3	0.000837	0.000837	0.00000595	0.0046	0.00118	0.0573	0.00832	0.00000536	14.2	0.0000233	0.000157	0.000215	0.00206
2056 Feb	1620	0.177	0.675	0.0199	81.2	0.053	88.3	0.000837	0.000837	0.00000595	0.0046	0.00118	0.0573	0.00832	0.00000536	14.2	0.0000233	0.000157	0.000215	0.00206
2056 Mar	1620	0.177	0.675	0.0199	81.2	0.053	88.3	0.000837	0.000837	0.00000595	0.0046	0.00118	0.0573	0.00832	0.00000536	14.2	0.0000233	0.000157	0.000215	0.00206
2056 Apr	1620	0.177	0.676	0.0199	81.2	0.053	88.4	0.000837	0.000837	0.00000595	0.0046	0.00118	0.0574	0.00832	0.00000536	14.2	0.0000233	0.000157	0.000215	0.00206
2056 May	1620	0.177	0.677	0.02	81.4	0.0531	88.6	0.000838	0.000838	0.00000596	0.00461	0.00118	0.0575	0.00834	0.00000537	14.2	0.0000233	0.000157	0.000215	0.00206
2056 Jun	1630	0.178	0.682	0.0201	81.5	0.0531	89.1	0.00083	0.00083	0.00000593	0.0046	0.00119	0.0578	0.00829	0.00000533	14.2	0.0000234	0.000157	0.000216	0.00207
2056 Jul	1650	0.18	0.689	0.0203	82.2	0.0535	90	0.000834	0.000834	0.00000597	0.00463	0.0012	0.0584	0.00834	0.00000537	14.4	0.0000236	0.000159	0.000218	0.00208
2056 Aug	1660	0.182	0.695	0.0204	82.7	0.0538	90.8	0.000835	0.000835	0.00000599	0.00466	0.0012	0.0589	0.00837	0.00000538	14.4	0.0000238	0.00016	0.000219	0.0021
2056 Sep	1670	0.183	0.698	0.0206	83.1	0.0541	91.3	0.000837	0.000837	0.00000601	0.00468	0.00121	0.0592	0.0084	0.0000054	14.5	0.0000239	0.000161	0.00022	0.00211

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	1680	0.183	0.7	0.0206	83.1	0.0541	91.4	0.000835	0.000835	0.00000601	0.00468	0.00121	0.0593	0.00839	0.00000539	14.5	0.000024	0.000161	0.00022	0.00211
2056 Nov	1680	0.183	0.7	0.0206	83.2	0.0541	91.5	0.000835	0.000835	0.00000601	0.00468	0.00121	0.0594	0.00839	0.00000539	14.5	0.000024	0.000161	0.00022	0.00211
2056 Dec	1680	0.183	0.7	0.0206	83.2	0.0541	91.5	0.000835	0.000835	0.00000601	0.00468	0.00121	0.0594	0.00839	0.00000539	14.5	0.000024	0.000161	0.00022	0.00211
2057 Jan	1680	0.183	0.7	0.0206	83.2	0.0541	91.5	0.000835	0.000835	0.00000601	0.00468	0.00121	0.0594	0.00839	0.00000539	14.5	0.000024	0.000161	0.00022	0.00211
2057 Feb	1680	0.183	0.7	0.0206	83.2	0.0541	91.5	0.000835	0.000835	0.00000601	0.00468	0.00121	0.0594	0.00839	0.00000539	14.5	0.000024	0.000161	0.00022	0.00211
2057 Mar	1680	0.183	0.7	0.0206	83.2	0.0541	91.5	0.000835	0.000835	0.00000601	0.00468	0.00121	0.0594	0.00839	0.00000539	14.5	0.000024	0.000161	0.00022	0.00211
2057 Apr	1680	0.183	0.701	0.0206	83.2	0.0541	91.6	0.000836	0.000836	0.00000601	0.00468	0.00121	0.0594	0.00839	0.0000054	14.5	0.000024	0.000161	0.00022	0.00211
2057 May	1680	0.184	0.703	0.0207	83.4	0.0543	91.8	0.000838	0.000838	0.00000602	0.00469	0.00122	0.0595	0.00841	0.00000541	14.6	0.000024	0.000161	0.000221	0.00212
2057 Jun	1690	0.185	0.707	0.0208	83.5	0.0542	92.3	0.000829	0.000829	0.00000599	0.00468	0.00122	0.0598	0.00837	0.00000537	14.6	0.0000241	0.000161	0.000221	0.00212
2057 Jul	1710	0.187	0.713	0.021	84.1	0.0546	93.1	0.00083	0.00083	0.00000602	0.00471	0.00123	0.0604	0.0084	0.00000539	14.7	0.0000243	0.000163	0.000223	0.00213
2057 Aug	1730	0.189	0.721	0.0212	84.9	0.0551	94.2	0.000837	0.000837	0.00000607	0.00476	0.00124	0.061	0.00847	0.00000544	14.8	0.0000246	0.000164	0.000225	0.00215
2057 Sep	1740	0.19	0.725	0.0213	85.3	0.0553	94.7	0.000839	0.000839	0.00000609	0.00477	0.00125	0.0614	0.0085	0.00000545	14.9	0.0000247	0.000165	0.000226	0.00216
2057 Oct	1740	0.19	0.727	0.0214	85.4	0.0554	94.9	0.000838	0.000838	0.00000609	0.00478	0.00125	0.0615	0.00849	0.00000545	14.9	0.0000247	0.000165	0.000226	0.00217
2057 Nov	1740	0.19	0.727	0.0214	85.4	0.0554	94.9	0.000838	0.000838	0.00000609	0.00478	0.00125	0.0615	0.0085	0.00000545	14.9	0.0000247	0.000165	0.000226	0.00217
2057 Dec	1740	0.19	0.727	0.0214	85.4	0.0554	94.9	0.000838	0.000838	0.00000609	0.00478	0.00125	0.0615	0.0085	0.00000546	14.9	0.0000247	0.000165	0.000226	0.00217
2058 Jan	1740	0.19	0.727	0.0214	85.4	0.0554	94.9	0.000838	0.000838	0.00000609	0.00478	0.00125	0.0615	0.0085	0.00000546	14.9	0.0000247	0.000165	0.000226	0.00217
2058 Feb	1740	0.19	0.727	0.0214	85.4	0.0554	94.9	0.000838	0.000838	0.00000609	0.00478	0.00125	0.0615	0.0085	0.00000546	14.9	0.0000247	0.000165	0.000226	0.00217
2058 Mar	1740	0.19	0.727	0.0214	85.4	0.0554	94.9	0.000838	0.000838	0.00000609	0.00478	0.00125	0.0615	0.0085	0.00000546	14.9	0.0000247	0.000165	0.000226	0.00217
2058 Apr	1740	0.19	0.727	0.0214	85.5	0.0554	95	0.000839	0.000839	0.00000609	0.00478	0.00125	0.0615	0.0085	0.00000546	14.9	0.0000247	0.000165	0.000226	0.00217
2058 May	1750	0.191	0.729	0.0214	85.6	0.0555	95.2	0.000839	0.000839	0.0000061	0.00479	0.00126	0.0617	0.00851	0.00000546	14.9	0.0000248	0.000166	0.000227	0.00217
2058 Jun	1750	0.191	0.733	0.0215	85.5	0.0553	95.6	0.000825	0.000825	0.00000604	0.00476	0.00126	0.0619	0.00842	0.0000054	14.9	0.0000248	0.000166	0.000227	0.00217
2058 Jul	1770	0.193	0.739	0.0217	86.1	0.0557	96.4	0.000827	0.000827	0.00000607	0.00479	0.00127	0.0625	0.00846	0.00000542	15	0.000025	0.000167	0.000228	0.00219
2058 Aug	1780	0.195	0.745	0.0219	86.7	0.0561	97.3	0.000831	0.000831	0.0000061	0.00482	0.00128	0.063	0.0085	0.00000545	15.1	0.0000252	0.000168	0.00023	0.0022
2058 Sep	1790	0.196	0.749	0.022	87	0.0562	97.7	0.00083	0.00083	0.00000611	0.00483	0.00128	0.0633	0.00851	0.00000545	15.1	0.0000253	0.000168	0.000231	0.00221
2058 Oct	1800	0.196	0.751	0.022	87.1	0.0563	97.9	0.000829	0.000829	0.00000611	0.00484	0.00129	0.0634	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221
2058 Nov	1800	0.196	0.751	0.022	87.1	0.0563	97.9	0.00083	0.00083	0.00000611	0.00484	0.00129	0.0634	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221
2058 Dec	1800	0.196	0.751	0.022	87.1	0.0563	98	0.00083	0.00083	0.00000611	0.00484	0.00129	0.0634	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221
2059 Jan	1800	0.196	0.751	0.022	87.1	0.0563	98	0.00083	0.00083	0.00000611	0.00484	0.00129	0.0634	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221
2059 Feb	1800	0.196	0.751	0.022	87.1	0.0563	98	0.00083	0.00083	0.00000611	0.00484	0.00129	0.0634	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221
2059 Mar	1800	0.196	0.751	0.022	87.1	0.0563	98	0.00083	0.00083	0.00000611	0.00484	0.00129	0.0634	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221
2059 Apr	1800	0.196	0.751	0.0221	87.1	0.0563	98	0.00083	0.00083	0.00000611	0.00484	0.00129	0.0634	0.00852	0.00000546	15.1	0.0000254	0.000169	0.000231	0.00221
2059 May	1800	0.197	0.753	0.0221	87.3	0.0564	98.2	0.000831	0.000831	0.00000613	0.00485	0.00129	0.0636	0.00853	0.00000547	15.2	0.0000254	0.000169	0.000232	0.00222
2059 Jun	1810	0.198	0.758	0.0222	87.6	0.0566	98.8	0.000828	0.000828	0.00000612	0.00486	0.0013	0.064	0.00852	0.00000546	15.2	0.0000256	0.00017	0.000232	0.00223
2059 Jul	1830	0.2	0.766	0.0225	88.5	0.0571	99.8	0.000835	0.000835	0.00000618	0.0049	0.00131	0.0646	0.0086	0.00000551	15.4	0.0000258	0.000171	0.000235	0.00225
2059 Aug	1850	0.202	0.772	0.0227	89.2	0.0576	101	0.00084	0.00084	0.00000622	0.00494	0.00132	0.0652	0.00866	0.00000554	15.5	0.000026	0.000173	0.000237	0.00227
2059 Sep	1860	0.203	0.776	0.0228	89.5	0.0578	101	0.00084	0.00084	0.00000623	0.00495	0.00133	0.0655	0.00867	0.00000555	15.5	0.0000261	0.000173	0.000237	0.00227
2059 Oct	1860	0.203	0.777	0.0228	89.3	0.0576	101	0.000834	0.000834	0.0000062	0.00494	0.00133	0.0655	0.00863	0.00000552	15.5	0.0000261	0.000173	0.000237	0.00227
2059 Nov	1860	0.203	0.777	0.0228	89.4	0.0576	101	0.000834	0.000834	0.0000062	0.00494	0.00133	0.0656	0.00863	0.00000552	15.5	0.0000261	0.000173	0.000237	0.00227
2059 Dec	1860	0.203	0.777	0.0228	89.4	0.0576	101	0.000834	0.000834	0.0000062	0.00494	0.00133	0.0656	0.00863	0.00000552	15.5	0.0000261	0.000173	0.000237	0.00227
2060 Jan	1860	0.203	0.777	0.0228	89.4	0.0576	101	0.000834	0.000834	0.0000062	0.00494	0.00133	0.0656	0.00863	0.00000552	15.5	0.0000261	0.000173	0.000237	0.00227
2060 Feb	1860	0.203	0.777	0.0228	89.4	0.0576	101	0.000834	0.000834	0.0000062	0.00494	0.00133	0.0656	0.00863	0.00000552	15.5	0.0000261	0.000173	0.000237	0.00227
2060 Mar	1860	0.203	0.777	0.0228	89.4	0.0576	101	0.000834	0.000834	0.0000062	0.00494	0.00133	0.0656	0.00863	0.00000552	15.5	0.0000261	0.000173	0.000237	0.00227
2060 Apr	1860	0.203	0.778	0.0228	89.4	0.0577	101	0.000834	0.000834	0.00000621	0.00494	0.00133	0.0656	0.00863	0.00000552	15.5	0.0000262	0.000173	0.000237	0.00227
2060 May	1870	0.204	0.78	0.0229	89.6	0.0578	102	0.000834	0.000834	0.00000621	0.00495	0.00133	0.0658	0.00864	0.00000553	15.5	0.0000262	0.000174	0.000238	0.00228
2060 Jun	1880	0.205	0.784	0.023	89.7	0.0578	102	0.000827	0.000827	0.00000619	0.00494	0.00133	0.0661	0.0086	0.0000055	15.5	0.0000263	0.000174	0.000238	0.00228
2060 Jul	1900	0.207	0.792	0.0232	90.5	0.0583	103	0.000833	0.000833	0.00000624	0.00499	0.00135	0.0667	0.00867	0.00000554	15.7	0.0000266	0.000176	0.00024	0.0023
2060 Aug	1910	0.209	0.799	0.0234	91.1	0.0587	104	0.000834	0.000834	0.00000626	0.00502	0.00136	0.0673	0.0087	0.00000556	15.8	0.0000268	0.000177	0.000242	0.00232
2060 Sep	1920	0.209	0.802	0.0235	91.2	0.0586	104	0.000829	0.000829	0.00000624	0.00501	0.00136	0.0675	0.00867	0.00000554	15.8	0.0000268	0.000177	0.000242	0.00232
2060 Oct	1920	0.21	0.803	0.0235	91.2	0.0587	105	0.000827	0.000827	0.00000624	0.00501	0.00136	0.0676	0.00866	0.00000553	15.8	0.0000268	0.000177	0.000242	0.00232
2060 Nov	1920	0.21	0.803	0.0235	91.2	0.0587	105	0.000827	0.000827	0.00000624	0.00501	0.00136	0.0676	0.00866	0.00000553	15.8	0.0000268	0.000177	0.000242	0.00232
2060 Dec	1920	0.21	0.803	0.0235	91.2	0.0587	105	0.000827	0.000827	0.00000624	0.00501	0.00136	0.0676	0.00866	0.00000553	15.8	0.0000268	0.000177	0.000242	0.00232
2061 Jan	1920	0.21	0.803	0.0235	91.2	0.0587	105	0.000827	0.000827	0.00000624	0.00501	0.00136	0.0676	0.00866	0.00000553	15.8	0.0000268	0.000177	0.000242	0.00232
2061 Feb	1920	0.21	0.803	0.0235	91.2	0.0587	105	0.000827	0.000827	0.00000624	0.00501	0.00136	0.0676	0.00866	0.00000553	15.8	0.0000268	0.000177	0.000242	0.00232
2061 Mar	1920	0.21	0.803	0.0235	91.3	0.0587	105	0.000827	0.000827	0.00000624	0.00501	0.00136	0.0676	0.00866	0.00000553	15.8	0.0000269	0.000177	0.000242	0.00232
2061 Apr	1920	0.21	0.804	0.0235	91.3	0.0587	105	0.000827	0.000827	0.00000624	0.00501	0.00136	0.0677	0.00867	0.00000553	15.8	0.0000269	0.000177	0.000243	0.00232
2061 May	1930	0.21	0.806	0.0236	91.5	0.0588	105	0.000827	0.000827	0.00000624	0.00502	0.00137	0.0678	0.00867	0.00000554	15.8	0.0000269	0.000178	0.000243	0.00233
2061 Jun	1930	0.211	0.808	0.0237	91.3	0.0586	105	0.000816	0.000816	0.0000062	0.005	0.00137	0.068	0.0086	0.00000549	15.8	0.0000269	0.000177	0.000243	0.00232
2061 Jul	1950	0.213	0.817	0.0239	92.2	0.0592	106	0.000821	0.000821	0.00000624	0.00504	0.00138	0.0687	0.00866	0.00000553	15.9	0.0000272	0.000179	0.000245	0.00235
2061 Aug	1970	0.215	0.824	0.0241	92.9	0.0596	107	0.000827	0.000827	0.00000629	0.00508	0.00139	0.0693	0.00872	0.00000557	16.1	0.0000274	0.00018	0.000247	0.00236
2061 Sep	1980	0.216	0.828	0.0242	93.2	0.0598	108	0.000827	0.000827	0.0000063	0.0051	0.0014	0.0696	0.00874	0.00000558	16.1	0.0000275	0.000181	0.000248	0.00237
2061 Oct	1980	0.216	0.828	0.0242	93.2	0.0597	108	0.000823	0.000823	0.00000628	0.00509	0.0014	0.0696	0.00871	0.00000556	16.1	0.0000275	0.000181	0.000248	0.00237
2061 Nov	1980	0.216	0.829	0.0242	93.2	0.0597	108	0.000822	0.000822	0.00000628	0.00509	0.0014	0.0696	0.00871	0.00000555	16.1	0.0000275	0.000181	0.000248	0.00237
2061 Dec	1980	0.216	0.829	0.0242	93.2	0.0597	108	0.000822	0.000822	0.00000628	0.00509	0.0014	0.0696	0.00871	0.00000555	16.1	0.0000275	0.000181	0.000248	0.00237
2062 Jan	1980	0.216	0.829	0.0242	93.2	0.0597	108	0.000822	0.000822	0.00000628	0.00509	0.0014	0.0696	0.00871	0.00000555	16.1	0.0000275	0.000181	0.000248	0.00237
2062 Feb	1980	0.216	0.829	0.0242	93.2	0.0597	108	0.000822	0.000822	0.00000628	0.00509	0.0014	0.0696	0.00871	0.00000555	16.1	0.0000276	0.000181	0.000248	0.00237
2062 Mar	1980	0.216	0.829	0.0242	93.2	0.0597	108	0.000822	0.000822	0.00000628	0.00509	0.0014	0.0697	0.00871	0.00000555	16.1	0.0000276	0.000181	0.000248	0.00237
2062 Apr	1980	0.216	0.829	0.0243	93.2	0.0598	108	0.000823	0.000823	0.00000628	0.00509	0.0014	0.0697	0.00871	0.00000556	16.1	0.0000276	0.000181	0.000248	0.00237
2062 May	1990	0.217	0.831	0.0243	93.4	0.0599	108	0.000824	0.000824	0.00000629	0.0051	0.0014	0.0698	0.00873	0.00000557	16.1	0.0000276	0.000181	0.000248	0.00238
2062 Jun	1990	0.217	0.833	0.0244	93.4	0.0598	108	0.000818	0.000818	0.00000627	0.00509	0.0014	0.07	0.00869	0.00000554	16.1	0.0000277	0.000182	0.000248	0.00238
2062 Jul	2010	0.219	0.839	0.0245	93.8	0.06	109	0.000816	0.000816	0.00000627	0.0051	0.00141	0.0704	0.00869	0.00000554	16.2	0.0000278	0.000182	0.000249	0.00239
2062 Aug	2020	0.22	0.845	0.0247	94.3	0.0603	110	0.000816	0.000816	0.00000629	0.00513	0.00142	0.0709	0.00872	0.00000555	16.3	0.000028	0.000183	0.000251	0.0024
2062 Sep	2030	0.221	0.848	0.0248	94.4	0.0604	110	0.000813	0.000813	0.00000629	0.00513	0.00142	0.0711	0.00871	0.00000554	16.3	0.000028	0.000184	0.000251	0.00241
2062 Oct	2030	0.221	0.847	0.0247	94	0.0601	110	0.000804	0.000804	0.00000623	0.0051	0.00142	0.071	0.00863	0.00000549	16.2	0.000028	0.000183	0.00025	0.0024
2062 Nov	2030	0.221	0.847	0.0248	94.1	0.0601	110	0.000804	0.000804	0.00000624	0.0051	0.00142	0.0711	0.00863	0.00000549	16.2	0.000028	0.000183	0.00025	0.0024
2062 Dec	2030	0.221	0.847	0.0248	94.1	0.0601	110	0.000804	0.000804	0.00000624	0.0051	0.00142	0.0711	0.00863	0.00000549	16.2	0.000028	0.000183	0.00025	0.0024
2063 Jan	2030	0.221	0.847	0.0248	94.1	0.0601	110	0.000804	0.000804	0.00000624	0.0051	0.00142	0.0711	0.00863	0.00000549	16.2	0.000028	0.000183	0.00025	0.0024
2063 Feb	2030	0.221	0.847	0.0248	94.1	0.0601	110	0.000804	0.000804	0.00000624	0.0051	0.00142	0.0711	0.00863	0.00000549	16.2	0.000028	0.000183	0.00025	0.0024

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	2030	0.221	0.847	0.0248	94.1	0.0601	110	0.000804	0.000804	0.00000624	0.0051	0.00142	0.0711	0.00863	0.00000549	16.2	0.000028	0.000183	0.00025	0.0024
2063 Apr	2030	0.221	0.847	0.0248	94.1	0.0601	110	0.000804	0.000804	0.00000624	0.0051	0.00142	0.0711	0.00864	0.0000055	16.2	0.000028	0.000183	0.00025	0.0024
2063 May	2030	0.221	0.849	0.0248	94.3	0.0602	110	0.000805	0.000805	0.00000625	0.00511	0.00142	0.0712	0.00865	0.0000055	16.2	0.000028	0.000183	0.000251	0.0024
2063 Jun	2030	0.221	0.85	0.0248	93.8	0.0599	110	0.000789	0.000789	0.00000617	0.00507	0.00142	0.0712	0.00854	0.00000543	16.1	0.000028	0.000183	0.00025	0.00239
2063 Jul	2050	0.223	0.855	0.025	94.3	0.0601	111	0.000788	0.000788	0.00000618	0.00509	0.00143	0.0717	0.00855	0.00000543	16.2	0.0000281	0.000184	0.000251	0.0024
2063 Aug	2060	0.225	0.863	0.0252	95	0.0606	112	0.000793	0.000793	0.00000623	0.00513	0.00144	0.0723	0.00861	0.00000547	16.3	0.0000284	0.000185	0.000253	0.00242
2063 Sep	2070	0.226	0.866	0.0253	95.3	0.0607	113	0.000793	0.000793	0.00000624	0.00514	0.00145	0.0726	0.00862	0.00000548	16.4	0.0000285	0.000186	0.000254	0.00243
2063 Oct	2070	0.226	0.867	0.0253	95.3	0.0607	113	0.000791	0.000791	0.00000623	0.00514	0.00145	0.0727	0.00861	0.00000547	16.4	0.0000285	0.000186	0.000254	0.00243
2063 Nov	2070	0.226	0.868	0.0253	95.3	0.0608	113	0.000791	0.000791	0.00000623	0.00514	0.00145	0.0727	0.00861	0.00000547	16.4	0.0000285	0.000186	0.000254	0.00243
2063 Dec	2080	0.226	0.868	0.0253	95.4	0.0608	113	0.000791	0.000791	0.00000623	0.00514	0.00145	0.0727	0.00861	0.00000547	16.4	0.0000285	0.000186	0.000254	0.00243
2064 Jan	2080	0.226	0.868	0.0253	95.4	0.0608	113	0.000791	0.000791	0.00000623	0.00514	0.00145	0.0727	0.00861	0.00000547	16.4	0.0000285	0.000186	0.000254	0.00243
2064 Feb	2080	0.226	0.868	0.0253	95.4	0.0608	113	0.000791	0.000791	0.00000623	0.00514	0.00145	0.0727	0.00861	0.00000547	16.4	0.0000285	0.000186	0.000254	0.00243
2064 Mar	2080	0.226	0.868	0.0253	95.4	0.0608	113	0.000792	0.000792	0.00000623	0.00514	0.00145	0.0727	0.00861	0.00000547	16.4	0.0000285	0.000186	0.000254	0.00243
2064 Apr	2080	0.226	0.868	0.0253	95.4	0.0608	113	0.000792	0.000792	0.00000623	0.00514	0.00145	0.0727	0.00861	0.00000547	16.4	0.0000285	0.000186	0.000254	0.00243
2064 May	2080	0.227	0.87	0.0254	95.5	0.0609	113	0.000792	0.000792	0.00000623	0.00515	0.00145	0.0729	0.00862	0.00000547	16.4	0.0000286	0.000186	0.000254	0.00244
2064 Jun	2080	0.227	0.872	0.0254	95.3	0.0607	113	0.000781	0.000781	0.00000619	0.00512	0.00145	0.073	0.00854	0.00000542	16.4	0.0000286	0.000186	0.000254	0.00243
2064 Jul	2100	0.229	0.879	0.0256	96	0.0611	114	0.000784	0.000784	0.00000622	0.00516	0.00146	0.0736	0.00859	0.00000545	16.5	0.0000288	0.000187	0.000256	0.00245
2064 Aug	2120	0.231	0.885	0.0258	96.5	0.0614	115	0.000785	0.000785	0.00000624	0.00518	0.00147	0.0741	0.00862	0.00000547	16.6	0.000029	0.000188	0.000257	0.00246
2064 Sep	2120	0.231	0.888	0.0259	96.7	0.0615	115	0.000782	0.000782	0.00000624	0.00518	0.00148	0.0743	0.00861	0.00000546	16.6	0.000029	0.000189	0.000258	0.00247
2064 Oct	2130	0.232	0.889	0.0259	96.8	0.0615	115	0.000783	0.000783	0.00000624	0.00519	0.00148	0.0744	0.00861	0.00000546	16.6	0.0000291	0.000189	0.000258	0.00247
2064 Nov	2130	0.232	0.89	0.0259	96.9	0.0616	116	0.000783	0.000783	0.00000624	0.00519	0.00148	0.0744	0.00862	0.00000546	16.6	0.0000291	0.000189	0.000258	0.00247
2064 Dec	2130	0.232	0.89	0.0259	96.9	0.0616	116	0.000783	0.000783	0.00000624	0.00519	0.00148	0.0744	0.00862	0.00000546	16.6	0.0000291	0.000189	0.000258	0.00247
2065 Jan	2130	0.232	0.89	0.0259	96.9	0.0616	116	0.000783	0.000783	0.00000624	0.00519	0.00148	0.0744	0.00862	0.00000546	16.6	0.0000291	0.000189	0.000258	0.00247
2065 Feb	2130	0.232	0.89	0.0259	96.9	0.0616	116	0.000783	0.000783	0.00000624	0.00519	0.00148	0.0744	0.00862	0.00000546	16.6	0.0000291	0.000189	0.000258	0.00247
2065 Mar	2130	0.232	0.89	0.0259	96.9	0.0616	116	0.000783	0.000783	0.00000625	0.00519	0.00148	0.0744	0.00862	0.00000547	16.6	0.0000291	0.000189	0.000258	0.00247
2065 Apr	2130	0.232	0.89	0.026	97	0.0616	116	0.000784	0.000784	0.00000625	0.0052	0.00148	0.0745	0.00863	0.00000547	16.6	0.0000291	0.000189	0.000258	0.00247
2065 May	2130	0.232	0.893	0.026	97.2	0.0617	116	0.000785	0.000785	0.00000626	0.00521	0.00148	0.0747	0.00864	0.00000548	16.7	0.0000292	0.000189	0.000259	0.00248
2065 Jun	2140	0.233	0.895	0.0261	97.1	0.0616	116	0.000777	0.000777	0.00000623	0.00519	0.00148	0.0748	0.00859	0.00000544	16.6	0.0000292	0.000189	0.000259	0.00248
2065 Jul	2160	0.235	0.904	0.0264	98	0.0622	117	0.000782	0.000782	0.00000628	0.00524	0.0015	0.0756	0.00866	0.00000548	16.8	0.0000295	0.000191	0.000261	0.0025
2065 Aug	2180	0.238	0.912	0.0266	98.8	0.0627	118	0.000786	0.000786	0.00000632	0.00528	0.00151	0.0763	0.00871	0.00000552	16.9	0.0000298	0.000193	0.000263	0.00252
2065 Sep	2190	0.238	0.915	0.0267	98.9	0.0627	119	0.000782	0.000782	0.0000063	0.00527	0.00151	0.0764	0.00869	0.0000055	16.9	0.0000298	0.000193	0.000264	0.00252
2065 Oct	2190	0.238	0.914	0.0266	98.6	0.0625	119	0.000775	0.000775	0.00000627	0.00525	0.00151	0.0764	0.00864	0.00000547	16.9	0.0000298	0.000192	0.000263	0.00252
2065 Nov	2190	0.238	0.914	0.0266	98.6	0.0625	119	0.000774	0.000774	0.00000627	0.00525	0.00151	0.0764	0.00864	0.00000546	16.9	0.0000298	0.000192	0.000263	0.00252
2065 Dec	2190	0.238	0.914	0.0266	98.6	0.0625	119	0.000774	0.000774	0.00000627	0.00525	0.00151	0.0764	0.00864	0.00000546	16.9	0.0000298	0.000192	0.000263	0.00252
2066 Jan	2190	0.238	0.914	0.0266	98.6	0.0625	119	0.000774	0.000774	0.00000627	0.00525	0.00151	0.0764	0.00864	0.00000546	16.9	0.0000298	0.000192	0.000263	0.00252
2066 Feb	2190	0.238	0.915	0.0266	98.6	0.0625	119	0.000774	0.000774	0.00000627	0.00525	0.00151	0.0764	0.00864	0.00000547	16.9	0.0000298	0.000192	0.000263	0.00252
2066 Mar	2190	0.238	0.915	0.0266	98.6	0.0625	119	0.000775	0.000775	0.00000627	0.00526	0.00151	0.0764	0.00864	0.00000547	16.9	0.0000298	0.000193	0.000263	0.00252
2066 Apr	2190	0.238	0.915	0.0267	98.7	0.0625	119	0.000775	0.000775	0.00000627	0.00526	0.00151	0.0765	0.00864	0.00000547	16.9	0.0000298	0.000193	0.000263	0.00252
2066 May	2190	0.239	0.917	0.0267	98.8	0.0626	119	0.000776	0.000776	0.00000628	0.00527	0.00152	0.0766	0.00866	0.00000548	16.9	0.0000298	0.000193	0.000264	0.00252
2066 Jun	2190	0.239	0.918	0.0267	98.7	0.0625	119	0.000767	0.000767	0.00000624	0.00525	0.00152	0.0767	0.00859	0.00000543	16.9	0.0000298	0.000193	0.000263	0.00252
2066 Jul	2220	0.242	0.929	0.027	99.7	0.0631	120	0.000772	0.000772	0.00000629	0.0053	0.00153	0.0776	0.00867	0.00000548	17.1	0.0000302	0.000195	0.000266	0.00255
2066 Aug	2240	0.244	0.937	0.0273	100	0.0636	122	0.000776	0.000776	0.00000634	0.00534	0.00155	0.0782	0.00872	0.00000551	17.2	0.0000304	0.000196	0.000268	0.00257
2066 Sep	2250	0.245	0.941	0.0274	101	0.0637	122	0.000776	0.000776	0.00000634	0.00535	0.00155	0.0785	0.00873	0.00000552	17.2	0.0000305	0.000197	0.000269	0.00257
2066 Oct	2250	0.245	0.941	0.0274	101	0.0637	122	0.000773	0.000773	0.00000633	0.00534	0.00155	0.0786	0.00871	0.00000551	17.2	0.0000305	0.000197	0.000269	0.00257
2066 Nov	2250	0.245	0.942	0.0274	101	0.0637	122	0.000773	0.000773	0.00000633	0.00534	0.00155	0.0786	0.00871	0.0000055	17.2	0.0000305	0.000197	0.000269	0.00257
2066 Dec	2250	0.245	0.942	0.0274	101	0.0637	122	0.000773	0.000773	0.00000633	0.00534	0.00155	0.0786	0.00871	0.0000055	17.2	0.0000305	0.000197	0.000269	0.00257
2067 Jan	2250	0.245	0.942	0.0274	101	0.0637	122	0.000773	0.000773	0.00000633	0.00534	0.00155	0.0786	0.00871	0.0000055	17.2	0.0000305	0.000197	0.000269	0.00257
2067 Feb	2250	0.245	0.942	0.0274	101	0.0637	122	0.000773	0.000773	0.00000633	0.00534	0.00155	0.0786	0.00871	0.00000551	17.2	0.0000305	0.000197	0.000269	0.00258
2067 Mar	2250	0.245	0.942	0.0274	101	0.0637	122	0.000773	0.000773	0.00000633	0.00534	0.00155	0.0786	0.00872	0.00000551	17.2	0.0000305	0.000197	0.000269	0.00258
2067 Apr	2250	0.245	0.942	0.0274	101	0.0638	122	0.000773	0.000773	0.00000633	0.00535	0.00155	0.0786	0.00872	0.00000551	17.2	0.0000305	0.000197	0.000269	0.00258
2067 May	2260	0.246	0.945	0.0275	101	0.0639	123	0.000775	0.000775	0.00000635	0.00536	0.00156	0.0788	0.00873	0.00000552	17.3	0.0000306	0.000197	0.00027	0.00258
2067 Jun	2260	0.246	0.947	0.0276	101	0.0639	123	0.000768	0.000768	0.00000632	0.00535	0.00156	0.079	0.0087	0.00000549	17.3	0.0000307	0.000197	0.00027	0.00258
2067 Jul	2290	0.249	0.957	0.0278	102	0.0644	124	0.000774	0.000774	0.00000638	0.0054	0.00157	0.0798	0.00877	0.00000554	17.4	0.000031	0.000199	0.000272	0.00261
2067 Aug	2300	0.251	0.964	0.028	103	0.0648	125	0.000776	0.000776	0.0000064	0.00543	0.00158	0.0804	0.0088	0.00000556	17.5	0.0000312	0.000201	0.000274	0.00262
2067 Sep	2310	0.252	0.968	0.0281	103	0.065	125	0.000776	0.000776	0.00000641	0.00544	0.00159	0.0807	0.00882	0.00000557	17.6	0.0000313	0.000201	0.000275	0.00263
2067 Oct	2310	0.252	0.968	0.0282	103	0.0649	125	0.000773	0.000773	0.0000064	0.00543	0.00159	0.0807	0.0088	0.00000555	17.6	0.0000313	0.000201	0.000275	0.00263
2067 Nov	2310	0.252	0.968	0.0282	103	0.0649	125	0.000772	0.000772	0.0000064	0.00543	0.00159	0.0807	0.00879	0.00000555	17.6	0.0000313	0.000201	0.000275	0.00263
2067 Dec	2310	0.252	0.968	0.0282	103	0.0649	126	0.000772	0.000772	0.0000064	0.00543	0.00159	0.0807	0.0088	0.00000555	17.6	0.0000313	0.000201	0.000275	0.00263
2068 Jan	2310	0.252	0.968	0.0282	103	0.0649	126	0.000772	0.000772	0.0000064	0.00543	0.00159	0.0807	0.0088	0.00000555	17.6	0.0000313	0.000201	0.000275	0.00263
2068 Feb	2310	0.252	0.968	0.0282	103	0.0649	126	0.000772	0.000772	0.0000064	0.00543	0.00159	0.0807	0.0088	0.00000555	17.6	0.0000313	0.000201	0.000275	0.00263
2068 Mar	2310	0.252	0.969	0.0282	103	0.065	126	0.000773	0.000773	0.0000064	0.00544	0.00159	0.0807	0.0088	0.00000555	17.6	0.0000313	0.000201	0.000275	0.00263
2068 Apr	2320	0.252	0.97	0.0282	103	0.065	126	0.000773	0.000773	0.00000641	0.00544	0.00159	0.0808	0.00881	0.00000556	17.6	0.0000313	0.000201	0.000275	0.00263
2068 May	2320	0.253	0.972	0.0283	103	0.0651	126	0.000774	0.000774	0.00000642	0.00545	0.0016	0.081	0.00882	0.00000556	17.6	0.0000314	0.000202	0.000276	0.00264
2068 Jun	2320	0.252	0.97	0.0282	103	0.0647	126	0.000759	0.000759	0.00000634	0.0054	0.00159	0.0808	0.0087	0.00000548	17.5	0.0000313	0.000201	0.000274	0.00262
2068 Jul	2340	0.254	0.978	0.0284	103	0.0651	127	0.00076	0.00076	0.00000636	0.00543	0.0016	0.0814	0.00874	0.0000055	17.6	0.0000315	0.000202	0.000276	0.00264
2068 Aug	2360	0.257	0.986	0.0287	104	0.0656	128	0.000766	0.000766	0.00000641	0.00548	0.00162	0.0822	0.0088	0.00000555	17.8	0.0000318	0.000204	0.000278	0.00266
2068 Sep	2370	0.257	0.99	0.0288	104	0.0657	128	0.000765	0.000765	0.00000642	0.00549	0.00162	0.0824	0.00881	0.00000555	17.8	0.0000319	0.000204	0.000279	0.00267
2068 Oct	2370	0.258	0.991	0.0288	105	0.0658	128	0.000765	0.000765	0.00000642	0.00549	0.00162	0.0825	0.00881	0.00000555	17.8	0.0000319	0.000204	0.000279	0.00267
2068 Nov	2370	0.258	0.992	0.0288	105	0.0658	128	0.000765	0.000765	0.00000642	0.00549	0.00162	0.0826	0.00882	0.00000555	17.8	0.0000319	0.000205	0.000279	0.00268
2068 Dec	2370	0.258	0.992	0.0288	105	0.0659	128	0.000765	0.000765	0.00000642	0.0055	0.00162	0.0826	0.00882	0.00000555	17.8	0.0000319	0.000205	0.000279	0.00268
2069 Jan	2370	0.258	0.992	0.0288	105	0.0659	128	0.000765	0.000765	0.00000642	0.0055	0.00162	0.0826	0.00882	0.00000555	17.8	0.0000319	0.000205	0.00028	0.00268
2069 Feb	2370	0.258	0.992	0.0288	105	0.0659	129	0.000765	0.000765	0.00000642	0.0055	0.00162	0.0826	0.00882	0.00000555	17.8	0.0000319	0.000205	0.00028	0.00268
2069 Mar	2370	0.258	0.992	0.0288	105	0.0659	129	0.000765	0.000765	0.00000642	0.0055	0.00162	0.0826	0.00882	0.00000555	17.8	0.0000319	0.000205	0.00028	0.00268
2069 Apr	2370	0.258	0.992	0.0288	105	0.0659	129	0.000765	0.000765	0.00000643	0.0055	0.00162	0.0826	0.00882	0.00000556	17.8	0.0000319	0.000205	0.00028	0.00268
2069 May	2380	0.259	0.995	0.0289	105	0.0661	129	0.000767	0.000767	0.00000644	0.00551	0.00163	0.0828	0.00884	0.00000557	17.9	0.000032	0.000205	0.00028	0.00268
2069 Jun	2380	0.259	0.997	0.029	105	0.066	129	0.000761	0.000761	0.00000642	0.0055	0.00163	0.083	0.00881	0.00000554	17.9	0.000032	0.000205	0.00028	0.00268
2069 Jul	2400	0.262	1.01	0.0292	106	0.0665	130	0.000764	0.000764	0.00000646	0.00554	0.00164	0.0837	0.00886	0.00000557	18	0.0000323	0.000207	0.000283	0.0027

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	2420	0.263	1.01	0.0294	106	0.0669	131	0.000767	0.000767	0.00000649	0.00557	0.00166	0.0843	0.0089	0.0000056	18.1	0.0000325	0.000208	0.000284	0.00272
2069 Sep	2420	0.264	1.01	0.0295	106	0.0669	131	0.000763	0.000763	0.00000647	0.00557	0.00166	0.0845	0.00887	0.00000558	18.1	0.0000326	0.000208	0.000284	0.00272
2069 Oct	2420	0.263	1.01	0.0294	106	0.0666	131	0.000757	0.000757	0.00000644	0.00555	0.00165	0.0843	0.00883	0.00000555	18	0.0000325	0.000208	0.000284	0.00272
2069 Nov	2420	0.264	1.01	0.0294	106	0.0667	131	0.000756	0.000756	0.00000644	0.00555	0.00165	0.0843	0.00883	0.00000555	18	0.0000325	0.000208	0.000284	0.00272
2069 Dec	2420	0.264	1.01	0.0294	106	0.0667	131	0.000757	0.000757	0.00000644	0.00555	0.00165	0.0843	0.00883	0.00000555	18	0.0000325	0.000208	0.000284	0.00272
2070 Jan	2420	0.264	1.01	0.0294	106	0.0667	131	0.000757	0.000757	0.00000644	0.00555	0.00165	0.0843	0.00883	0.00000555	18	0.0000325	0.000208	0.000284	0.00272
2070 Feb	2420	0.264	1.01	0.0294	106	0.0667	131	0.000757	0.000757	0.00000644	0.00555	0.00165	0.0843	0.00883	0.00000555	18	0.0000325	0.000208	0.000284	0.00272
2070 Mar	2420	0.264	1.01	0.0294	106	0.0667	131	0.000757	0.000757	0.00000644	0.00555	0.00165	0.0844	0.00883	0.00000555	18	0.0000325	0.000208	0.000284	0.00272
2070 Apr	2420	0.264	1.01	0.0295	106	0.0667	131	0.000757	0.000757	0.00000644	0.00555	0.00165	0.0844	0.00883	0.00000555	18.1	0.0000325	0.000208	0.000284	0.00272
2070 May	2430	0.264	1.02	0.0295	106	0.0668	132	0.000758	0.000758	0.00000645	0.00556	0.00166	0.0846	0.00885	0.00000556	18.1	0.0000326	0.000208	0.000285	0.00272
2070 Jun	2430	0.265	1.02	0.0296	106	0.0668	132	0.000752	0.000752	0.00000643	0.00555	0.00166	0.0847	0.00881	0.00000554	18.1	0.0000326	0.000208	0.000285	0.00272
2070 Jul	2450	0.267	1.03	0.0298	107	0.0673	133	0.000756	0.000756	0.00000647	0.00559	0.00167	0.0854	0.00887	0.00000557	18.2	0.0000329	0.00021	0.000287	0.00274
2070 Aug	2470	0.269	1.03	0.03	108	0.0677	134	0.000759	0.000759	0.00000651	0.00563	0.00169	0.086	0.00891	0.0000056	18.3	0.0000331	0.000211	0.000289	0.00276
2070 Sep	2480	0.27	1.04	0.0301	108	0.0677	134	0.000757	0.000757	0.0000065	0.00563	0.00169	0.0862	0.0089	0.00000559	18.4	0.0000332	0.000212	0.000289	0.00277
2070 Oct	2480	0.27	1.04	0.0301	108	0.0677	134	0.000754	0.000754	0.00000649	0.00562	0.00169	0.0862	0.00888	0.00000558	18.3	0.0000331	0.000211	0.000289	0.00276
2070 Nov	2480	0.27	1.04	0.0301	108	0.0677	134	0.000753	0.000753	0.00000649	0.00562	0.00169	0.0862	0.00888	0.00000558	18.3	0.0000332	0.000211	0.000289	0.00276
2070 Dec	2480	0.27	1.04	0.0301	108	0.0677	134	0.000753	0.000753	0.00000649	0.00562	0.00169	0.0862	0.00888	0.00000558	18.3	0.0000332	0.000211	0.000289	0.00276
2071 Jan	2480	0.27	1.04	0.0301	108	0.0677	134	0.000753	0.000753	0.00000649	0.00562	0.00169	0.0862	0.00888	0.00000558	18.3	0.0000332	0.000211	0.000289	0.00276
2071 Feb	2480	0.27	1.04	0.0301	108	0.0677	134	0.000753	0.000753	0.00000649	0.00562	0.00169	0.0862	0.00888	0.00000558	18.3	0.0000332	0.000211	0.000289	0.00276
2071 Mar	2480	0.27	1.04	0.0301	108	0.0677	134	0.000753	0.000753	0.00000649	0.00562	0.00169	0.0862	0.00888	0.00000558	18.3	0.0000332	0.000211	0.000289	0.00276
2071 Apr	2480	0.27	1.04	0.0301	108	0.0677	134	0.000754	0.000754	0.00000649	0.00562	0.00169	0.0863	0.00888	0.00000558	18.3	0.0000332	0.000211	0.000289	0.00276
2071 May	2480	0.27	1.04	0.0302	108	0.0677	134	0.000753	0.000753	0.00000649	0.00563	0.00169	0.0864	0.00888	0.00000558	18.4	0.0000332	0.000212	0.000289	0.00277
2071 Jun	2480	0.27	1.04	0.0301	108	0.0675	134	0.000745	0.000745	0.00000645	0.0056	0.00169	0.0863	0.00882	0.00000553	18.3	0.0000331	0.000211	0.000288	0.00276
2071 Jul	2500	0.272	1.05	0.0303	108	0.0679	135	0.000747	0.000747	0.00000647	0.00563	0.0017	0.0869	0.00886	0.00000556	18.4	0.0000334	0.000212	0.00029	0.00278
2071 Aug	2520	0.274	1.05	0.0306	109	0.0683	136	0.00075	0.00075	0.00000651	0.00567	0.00171	0.0875	0.00891	0.00000559	18.5	0.0000336	0.000214	0.000292	0.0028
2071 Sep	2520	0.274	1.06	0.0306	109	0.0684	137	0.000747	0.000747	0.0000065	0.00567	0.00171	0.0877	0.00889	0.00000558	18.5	0.0000336	0.000214	0.000292	0.0028
2071 Oct	2520	0.274	1.06	0.0306	109	0.0683	137	0.000745	0.000745	0.00000649	0.00566	0.00171	0.0877	0.00888	0.00000557	18.5	0.0000336	0.000214	0.000292	0.0028
2071 Nov	2520	0.274	1.06	0.0306	109	0.0683	137	0.000745	0.000745	0.00000649	0.00566	0.00171	0.0877	0.00888	0.00000556	18.5	0.0000336	0.000214	0.000292	0.0028
2071 Dec	2520	0.274	1.06	0.0306	109	0.0683	137	0.000745	0.000745	0.00000649	0.00566	0.00171	0.0877	0.00888	0.00000557	18.5	0.0000336	0.000214	0.000292	0.0028
2072 Jan	2520	0.274	1.06	0.0306	109	0.0683	137	0.000745	0.000745	0.00000649	0.00566	0.00171	0.0877	0.00888	0.00000557	18.5	0.0000336	0.000214	0.000292	0.0028
2072 Feb	2520	0.274	1.06	0.0306	109	0.0683	137	0.000745	0.000745	0.00000649	0.00566	0.00171	0.0877	0.00888	0.00000557	18.5	0.0000336	0.000214	0.000292	0.0028
2072 Mar	2520	0.274	1.06	0.0306	109	0.0683	137	0.000745	0.000745	0.00000649	0.00566	0.00171	0.0877	0.00888	0.00000557	18.5	0.0000337	0.000214	0.000292	0.0028
2072 Apr	2520	0.275	1.06	0.0307	109	0.0684	137	0.000745	0.000745	0.0000065	0.00567	0.00171	0.0878	0.00888	0.00000557	18.5	0.0000337	0.000214	0.000292	0.0028
2072 May	2530	0.275	1.06	0.0307	109	0.0685	137	0.000747	0.000747	0.00000651	0.00568	0.00172	0.088	0.0089	0.00000558	18.6	0.0000337	0.000215	0.000293	0.0028
2072 Jun	2540	0.276	1.06	0.0308	110	0.0686	137	0.000744	0.000744	0.0000065	0.00568	0.00172	0.0882	0.00889	0.00000557	18.6	0.0000338	0.000215	0.000293	0.00281
2072 Jul	2550	0.278	1.07	0.031	110	0.0689	138	0.000745	0.000745	0.00000653	0.00571	0.00173	0.0887	0.00892	0.00000559	18.7	0.000034	0.000216	0.000295	0.00282
2072 Aug	2570	0.279	1.07	0.0311	111	0.0691	139	0.000744	0.000744	0.00000654	0.00572	0.00174	0.0892	0.00893	0.00000559	18.7	0.0000342	0.000217	0.000296	0.00283
2072 Sep	2570	0.28	1.08	0.0312	111	0.0692	139	0.000742	0.000742	0.00000653	0.00572	0.00174	0.0893	0.00892	0.00000559	18.8	0.0000342	0.000217	0.000296	0.00284
2072 Oct	2570	0.279	1.08	0.0312	111	0.069	139	0.000738	0.000738	0.00000651	0.00571	0.00174	0.0893	0.00889	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00283
2072 Nov	2570	0.279	1.08	0.0312	111	0.069	139	0.000738	0.000738	0.00000651	0.00571	0.00174	0.0893	0.00889	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00283
2072 Dec	2570	0.279	1.08	0.0312	111	0.069	139	0.000738	0.000738	0.00000651	0.00571	0.00174	0.0893	0.00889	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00283
2073 Jan	2570	0.279	1.08	0.0312	111	0.069	139	0.000738	0.000738	0.00000651	0.00571	0.00174	0.0893	0.00889	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00283
2073 Feb	2570	0.279	1.08	0.0312	111	0.0691	139	0.000738	0.000738	0.00000651	0.00571	0.00174	0.0893	0.00889	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00283
2073 Mar	2570	0.279	1.08	0.0312	111	0.0691	139	0.000738	0.000738	0.00000651	0.00571	0.00174	0.0893	0.00889	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00283
2073 Apr	2570	0.28	1.08	0.0312	111	0.0691	139	0.000738	0.000738	0.00000651	0.00572	0.00174	0.0894	0.0089	0.00000557	18.7	0.0000342	0.000217	0.000296	0.00284
2073 May	2580	0.28	1.08	0.0313	111	0.0692	139	0.000738	0.000738	0.00000652	0.00572	0.00174	0.0895	0.0089	0.00000557	18.8	0.0000342	0.000217	0.000297	0.00284
2073 Jun	2580	0.28	1.08	0.0313	111	0.0691	140	0.000733	0.000733	0.00000649	0.00571	0.00174	0.0895	0.00886	0.00000555	18.7	0.0000342	0.000217	0.000296	0.00284
2073 Jul	2600	0.282	1.09	0.0315	111	0.0695	141	0.000735	0.000735	0.00000652	0.00574	0.00176	0.0902	0.0089	0.00000557	18.9	0.0000345	0.000219	0.000298	0.00286
2073 Aug	2610	0.284	1.09	0.0317	112	0.0699	142	0.000737	0.000737	0.00000656	0.00578	0.00177	0.0908	0.00895	0.0000056	19	0.0000347	0.00022	0.0003	0.00287
2073 Sep	2620	0.285	1.1	0.0318	112	0.07	142	0.000736	0.000736	0.00000656	0.00578	0.00177	0.091	0.00895	0.00000559	19	0.0000348	0.00022	0.000301	0.00288
2073 Oct	2620	0.285	1.1	0.0318	112	0.0699	142	0.000733	0.000733	0.00000654	0.00577	0.00177	0.091	0.00892	0.00000558	19	0.0000348	0.00022	0.0003	0.00287
2073 Nov	2620	0.285	1.1	0.0318	112	0.0699	142	0.000732	0.000732	0.00000654	0.00577	0.00177	0.091	0.00892	0.00000557	19	0.0000348	0.00022	0.0003	0.00287
2073 Dec	2620	0.285	1.1	0.0318	112	0.0699	142	0.000732	0.000732	0.00000654	0.00577	0.00177	0.091	0.00892	0.00000557	19	0.0000348	0.00022	0.0003	0.00287
2074 Jan	2620	0.285	1.1	0.0318	112	0.0699	142	0.000732	0.000732	0.00000654	0.00577	0.00177	0.091	0.00892	0.00000557	19	0.0000348	0.00022	0.0003	0.00287
2074 Feb	2620	0.285	1.1	0.0318	112	0.0699	142	0.000732	0.000732	0.00000654	0.00577	0.00177	0.091	0.00892	0.00000557	19	0.0000348	0.00022	0.0003	0.00288
2074 Mar	2620	0.285	1.1	0.0318	112	0.0699	142	0.000732	0.000732	0.00000654	0.00577	0.00177	0.091	0.00892	0.00000558	19	0.0000348	0.00022	0.0003	0.00288
2074 Apr	2620	0.285	1.1	0.0318	112	0.07	142	0.000733	0.000733	0.00000654	0.00578	0.00177	0.0911	0.00893	0.00000558	19	0.0000348	0.00022	0.000301	0.00288
2074 May	2630	0.286	1.1	0.0319	112	0.0701	142	0.000733	0.000733	0.00000655	0.00578	0.00177	0.0912	0.00893	0.00000558	19	0.0000348	0.000221	0.000301	0.00288
2074 Jun	2620	0.285	1.1	0.0318	112	0.0697	142	0.000722	0.000722	0.00000649	0.00575	0.00177	0.0911	0.00885	0.00000553	18.9	0.0000348	0.00022	0.0003	0.00287
2074 Jul	2650	0.288	1.11	0.0321	113	0.0703	143	0.000726	0.000726	0.00000654	0.00579	0.00179	0.0919	0.00891	0.00000557	19.1	0.0000351	0.000222	0.000302	0.00289
2074 Aug	2670	0.29	1.12	0.0324	114	0.0709	145	0.000731	0.000731	0.00000659	0.00584	0.0018	0.0927	0.00898	0.00000561	19.2	0.0000353	0.000223	0.000305	0.00292
2074 Sep	2680	0.291	1.12	0.0325	114	0.0709	145	0.000729	0.000729	0.00000658	0.00584	0.0018	0.0928	0.00897	0.0000056	19.2	0.0000354	0.000224	0.000305	0.00292
2074 Oct	2680	0.291	1.12	0.0325	114	0.0709	145	0.000727	0.000727	0.00000657	0.00584	0.0018	0.0929	0.00895	0.00000559	19.2	0.0000354	0.000224	0.000305	0.00292
2074 Nov	2680	0.291	1.12	0.0325	114	0.0709	145	0.000726	0.000726	0.00000657	0.00584	0.0018	0.0929	0.00895	0.00000559	19.2	0.0000354	0.000224	0.000305	0.00292
2074 Dec	2680	0.291	1.12	0.0325	114	0.0709	145	0.000726	0.000726	0.00000657	0.00584	0.0018	0.0929	0.00895	0.00000559	19.2	0.0000354	0.000224	0.000305	0.00292
2075 Jan	2680	0.291	1.12	0.0325	114	0.0709	145	0.000726	0.000726	0.00000657	0.00584	0.0018	0.0929	0.00895	0.00000559	19.2	0.0000354	0.000224	0.000305	0.00292
2075 Feb	2680	0.291	1.12	0.0325	114	0.0709	145	0.000727	0.000727	0.00000657	0.00584	0.0018	0.0929	0.00895	0.00000559	19.2	0.0000354	0.000224	0.000305	0.00292
2075 Mar	2680	0.291	1.12	0.0325	114	0.0709	145	0.000727	0.000727	0.00000657	0.00584	0.0018	0.0929	0.00895	0.00000559	19.2	0.0000354	0.000224	0.000305	0.00292
2075 Apr	2680	0.291	1.12	0.0325	114	0.0709	145	0.000727	0.000727	0.00000658	0.00584	0.00181	0.093	0.00896	0.00000559	19.3	0.0000354	0.000224	0.000305	0.00292
2075 May	2680	0.292	1.12	0.0326	114	0.0711	145	0.000728	0.000728	0.00000659	0.00585	0.00181	0.0931	0.00898	0.0000056	19.3	0.0000355	0.000224	0.000306	0.00293
2075 Jun	2680	0.292	1.12	0.0326	114	0.0709	145	0.000722	0.000722	0.00000656	0.00584	0.00181	0.0931	0.00893	0.00000557	19.2	0.0000355	0.000224	0.000306	0.00292
2075 Jul	2700	0.294	1.13	0.0328	115	0.0712	146	0.000723	0.000723	0.00000658	0.00586	0.00182	0.0937	0.00896	0.00000559	19.3	0.0000357	0.000225	0.000307	0.00294
2075 Aug	2720	0.296	1.14	0.033	115	0.0716	147	0.000725	0.000725	0.00000661	0.00589	0.00183	0.0943	0.009	0.00000561	19.5	0.0000359	0.000226	0.000309	0.00296
2075 Sep	2730	0.297	1.14	0.0331	116	0.0718	148	0.000726	0.000726	0.00000662	0.00591	0.00183	0.0946	0.00902	0.00000562	19.5	0.000036	0.000227	0.00031	0.00297
2075 Oct	2730	0.297	1.14	0.0331	116	0.0718	148	0.000725	0.000725	0.00000662	0.00591	0.00184	0.0946	0.00901	0.00000562	19.5	0.000036	0.000227	0.00031	0.00297
2075 Nov	2730	0.297	1.14	0.0331	116	0.0719	148	0.000725	0.000725	0.00000662	0.00591	0.00184	0.0947	0.00901	0.00000562	19.5	0.000036	0.000227	0.00031	0.00297
2075 Dec	2730	0.297	1.14	0.0331	116	0.0719	148	0.000725	0.000725	0.00000662	0.00591	0.00184	0.0947	0.00901	0.00000562	19.5	0.000036	0.000227	0.00031	0.00297

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	2730	0.297	1.14	0.0331	116	0.0719	148	0.000725	0.000725	0.00000662	0.00591	0.00184	0.0947	0.00901	0.00000562	19.5	0.000036	0.000227	0.00031	0.00297
2076 Feb	2730	0.297	1.14	0.0331	116	0.0719	148	0.000725	0.000725	0.00000662	0.00591	0.00184	0.0947	0.00901	0.00000562	19.5	0.000036	0.000227	0.00031	0.00297
2076 Mar	2730	0.297	1.14	0.0331	116	0.0719	148	0.000725	0.000725	0.00000662	0.00591	0.00184	0.0947	0.00901	0.00000562	19.5	0.000036	0.000227	0.00031	0.00297
2076 Apr	2730	0.297	1.14	0.0331	116	0.0719	148	0.000725	0.000725	0.00000663	0.00591	0.00184	0.0947	0.00902	0.00000562	19.5	0.0000361	0.000227	0.00031	0.00297
2076 May	2740	0.298	1.15	0.0332	116	0.0721	148	0.000726	0.000726	0.00000664	0.00592	0.00184	0.0949	0.00903	0.00000563	19.6	0.0000361	0.000228	0.000311	0.00298
2076 Jun	2740	0.297	1.15	0.0332	116	0.0718	148	0.000718	0.000718	0.00000659	0.0059	0.00184	0.0948	0.00897	0.00000559	19.5	0.0000361	0.000227	0.00031	0.00297
2076 Jul	2750	0.299	1.15	0.0334	116	0.0722	149	0.000719	0.000719	0.00000662	0.00593	0.00185	0.0954	0.00901	0.00000561	19.6	0.0000363	0.000228	0.000312	0.00298
2076 Aug	2780	0.302	1.16	0.0336	117	0.0727	150	0.000724	0.000724	0.00000667	0.00597	0.00186	0.0962	0.00907	0.00000564	19.7	0.0000366	0.00023	0.000314	0.00301
2076 Sep	2780	0.303	1.17	0.0338	117	0.0729	151	0.000724	0.000724	0.00000668	0.00599	0.00187	0.0965	0.00908	0.00000566	19.8	0.0000367	0.000231	0.000315	0.00302
2076 Oct	2780	0.303	1.17	0.0337	117	0.0728	151	0.000722	0.000722	0.00000666	0.00598	0.00187	0.0965	0.00906	0.00000564	19.8	0.0000366	0.000231	0.000315	0.00301
2076 Nov	2780	0.303	1.17	0.0337	117	0.0728	151	0.000721	0.000721	0.00000666	0.00598	0.00187	0.0965	0.00906	0.00000564	19.8	0.0000366	0.000231	0.000315	0.00301
2076 Dec	2780	0.303	1.17	0.0337	117	0.0728	151	0.000721	0.000721	0.00000666	0.00598	0.00187	0.0965	0.00906	0.00000564	19.8	0.0000366	0.000231	0.000315	0.00301
2077 Jan	2780	0.303	1.17	0.0337	117	0.0728	151	0.000721	0.000721	0.00000666	0.00598	0.00187	0.0965	0.00906	0.00000564	19.8	0.0000366	0.000231	0.000315	0.00301
2077 Feb	2780	0.303	1.17	0.0337	117	0.0728	151	0.000721	0.000721	0.00000666	0.00598	0.00187	0.0965	0.00906	0.00000564	19.8	0.0000366	0.000231	0.000315	0.00301
2077 Mar	2780	0.303	1.17	0.0337	117	0.0728	151	0.000721	0.000721	0.00000666	0.00598	0.00187	0.0965	0.00906	0.00000564	19.8	0.0000367	0.000231	0.000315	0.00301
2077 Apr	2790	0.303	1.17	0.0338	117	0.0729	151	0.000722	0.000722	0.00000667	0.00598	0.00187	0.0965	0.00906	0.00000564	19.8	0.0000367	0.000231	0.000315	0.00301
2077 May	2790	0.303	1.17	0.0338	118	0.073	151	0.000722	0.000722	0.00000667	0.00599	0.00187	0.0967	0.00907	0.00000565	19.8	0.0000367	0.000231	0.000315	0.00302
2077 Jun	2790	0.303	1.17	0.0338	117	0.0727	151	0.000714	0.000714	0.00000663	0.00596	0.00187	0.0965	0.00901	0.0000056	19.7	0.0000366	0.00023	0.000314	0.00301
2077 Jul	2810	0.305	1.18	0.034	118	0.0732	152	0.000718	0.000718	0.00000667	0.006	0.00188	0.0973	0.00907	0.00000564	19.9	0.0000369	0.000232	0.000317	0.00303
2077 Aug	2830	0.308	1.19	0.0343	119	0.0737	153	0.000721	0.000721	0.00000672	0.00605	0.0019	0.0981	0.00912	0.00000567	20	0.0000372	0.000234	0.000319	0.00305
2077 Sep	2830	0.308	1.19	0.0343	119	0.0736	153	0.000717	0.000717	0.00000669	0.00603	0.0019	0.098	0.00909	0.00000565	20	0.0000372	0.000234	0.000319	0.00305
2077 Oct	2830	0.308	1.19	0.0343	119	0.0736	153	0.000716	0.000716	0.00000669	0.00603	0.0019	0.0981	0.00909	0.00000565	20	0.0000372	0.000234	0.000319	0.00305
2077 Nov	2830	0.308	1.19	0.0343	119	0.0737	153	0.000716	0.000716	0.00000669	0.00604	0.0019	0.0981	0.00909	0.00000565	20	0.0000372	0.000234	0.000319	0.00305
2077 Dec	2830	0.308	1.19	0.0343	119	0.0737	153	0.000716	0.000716	0.00000669	0.00604	0.0019	0.0981	0.00909	0.00000565	20	0.0000372	0.000234	0.000319	0.00305
2078 Jan	2830	0.308	1.19	0.0343	119	0.0737	153	0.000716	0.000716	0.00000669	0.00604	0.0019	0.0981	0.00909	0.00000565	20	0.0000372	0.000234	0.000319	0.00305
2078 Feb	2830	0.308	1.19	0.0343	119	0.0737	153	0.000716	0.000716	0.00000669	0.00604	0.0019	0.0981	0.00909	0.00000565	20	0.0000372	0.000234	0.000319	0.00305
2078 Mar	2830	0.308	1.19	0.0343	119	0.0737	153	0.000716	0.000716	0.00000669	0.00604	0.0019	0.0982	0.00909	0.00000565	20	0.0000372	0.000234	0.000319	0.00305
2078 Apr	2840	0.308	1.19	0.0344	119	0.0737	153	0.000717	0.000717	0.0000067	0.00604	0.0019	0.0982	0.0091	0.00000566	20	0.0000373	0.000234	0.000319	0.00306
2078 May	2840	0.309	1.19	0.0344	119	0.0738	154	0.000716	0.000716	0.0000067	0.00604	0.0019	0.0983	0.00909	0.00000565	20	0.0000373	0.000234	0.000319	0.00306
2078 Jun	2840	0.308	1.19	0.0343	119	0.0735	153	0.000707	0.000707	0.00000665	0.00602	0.0019	0.0982	0.00903	0.00000561	20	0.0000372	0.000233	0.000319	0.00305
2078 Jul	2860	0.311	1.2	0.0346	120	0.0741	155	0.000712	0.000712	0.0000067	0.00606	0.00191	0.099	0.00909	0.00000565	20.1	0.0000375	0.000235	0.000321	0.00307
2078 Aug	2880	0.313	1.21	0.0349	120	0.0745	156	0.000714	0.000714	0.00000673	0.00609	0.00192	0.0996	0.00913	0.00000567	20.2	0.0000377	0.000237	0.000323	0.00309
2078 Sep	2890	0.314	1.21	0.035	121	0.0747	156	0.000714	0.000714	0.00000674	0.00611	0.00193	0.0999	0.00915	0.00000568	20.3	0.0000378	0.000237	0.000324	0.0031
2078 Oct	2890	0.314	1.21	0.035	121	0.0746	156	0.000712	0.000712	0.00000673	0.0061	0.00193	0.1	0.00914	0.00000567	20.3	0.0000379	0.000237	0.000324	0.0031
2078 Nov	2890	0.314	1.21	0.035	121	0.0746	156	0.000712	0.000712	0.00000673	0.00611	0.00193	0.1	0.00914	0.00000567	20.3	0.0000379	0.000237	0.000324	0.0031
2078 Dec	2890	0.314	1.21	0.035	121	0.0746	156	0.000712	0.000712	0.00000673	0.00611	0.00193	0.1	0.00914	0.00000567	20.3	0.0000379	0.000237	0.000324	0.0031
2079 Jan	2890	0.314	1.21	0.035	121	0.0746	156	0.000712	0.000712	0.00000673	0.00611	0.00193	0.1	0.00914	0.00000567	20.3	0.0000379	0.000237	0.000324	0.0031
2079 Feb	2890	0.314	1.21	0.035	121	0.0746	156	0.000712	0.000712	0.00000673	0.00611	0.00193	0.1	0.00914	0.00000567	20.3	0.0000379	0.000237	0.000324	0.0031
2079 Mar	2890	0.314	1.21	0.035	121	0.0747	156	0.000712	0.000712	0.00000673	0.00611	0.00193	0.1	0.00914	0.00000567	20.3	0.0000379	0.000237	0.000324	0.0031
2079 Apr	2890	0.314	1.21	0.035	121	0.0747	156	0.000713	0.000713	0.00000674	0.00611	0.00193	0.1	0.00914	0.00000567	20.3	0.0000379	0.000238	0.000324	0.0031
2079 May	2900	0.315	1.21	0.0351	121	0.0749	157	0.000714	0.000714	0.00000675	0.00612	0.00194	0.1	0.00916	0.00000569	20.3	0.000038	0.000238	0.000325	0.00311
2079 Jun	2890	0.314	1.21	0.035	120	0.0745	156	0.000706	0.000706	0.0000067	0.00609	0.00193	0.1	0.00909	0.00000564	20.3	0.0000379	0.000237	0.000324	0.0031
2079 Jul	2910	0.316	1.22	0.0352	121	0.0748	157	0.000705	0.000705	0.00000672	0.00611	0.00194	0.101	0.00911	0.00000565	20.3	0.000038	0.000238	0.000325	0.00311
2079 Aug	2930	0.318	1.23	0.0354	122	0.0753	158	0.000708	0.000708	0.00000676	0.00615	0.00195	0.101	0.00916	0.00000568	20.5	0.0000383	0.00024	0.000327	0.00313
2079 Sep	2930	0.318	1.23	0.0355	122	0.0753	158	0.000706	0.000706	0.00000675	0.00615	0.00195	0.101	0.00915	0.00000567	20.5	0.0000383	0.00024	0.000327	0.00313
2079 Oct	2930	0.318	1.23	0.0355	122	0.0752	158	0.000704	0.000704	0.00000674	0.00614	0.00195	0.101	0.00913	0.00000566	20.5	0.0000383	0.00024	0.000327	0.00313
2079 Nov	2930	0.318	1.23	0.0355	122	0.0752	158	0.000704	0.000704	0.00000674	0.00614	0.00195	0.101	0.00913	0.00000566	20.5	0.0000383	0.00024	0.000327	0.00313
2079 Dec	2930	0.318	1.23	0.0355	122	0.0752	158	0.000703	0.000703	0.00000673	0.00614	0.00195	0.101	0.00913	0.00000566	20.5	0.0000383	0.00024	0.000327	0.00313
2080 Jan	2930	0.318	1.23	0.0355	122	0.0752	158	0.000703	0.000703	0.00000673	0.00614	0.00195	0.101	0.00913	0.00000566	20.5	0.0000383	0.00024	0.000327	0.00313
2080 Feb	2930	0.318	1.23	0.0355	122	0.0752	158	0.000703	0.000703	0.00000673	0.00614	0.00195	0.101	0.00913	0.00000566	20.5	0.0000383	0.00024	0.000327	0.00313
2080 Mar	2930	0.318	1.23	0.0355	122	0.0752	158	0.000703	0.000703	0.00000673	0.00614	0.00195	0.101	0.00913	0.00000566	20.5	0.0000383	0.00024	0.000327	0.00313
2080 Apr	2930	0.318	1.23	0.0355	122	0.0752	158	0.000704	0.000704	0.00000674	0.00614	0.00195	0.101	0.00913	0.00000566	20.5	0.0000383	0.00024	0.000327	0.00313
2080 May	2940	0.319	1.23	0.0356	122	0.0754	159	0.000705	0.000705	0.00000675	0.00616	0.00196	0.102	0.00915	0.00000567	20.5	0.0000384	0.00024	0.000328	0.00314
2080 Jun	2940	0.319	1.23	0.0356	122	0.0754	159	0.000701	0.000701	0.00000674	0.00615	0.00196	0.102	0.00913	0.00000565	20.5	0.0000384	0.00024	0.000328	0.00314
2080 Jul	2950	0.321	1.24	0.0357	122	0.0756	160	0.0007	0.0007	0.00000675	0.00617	0.00197	0.102	0.00914	0.00000566	20.6	0.0000386	0.000241	0.000329	0.00315
2080 Aug	2970	0.323	1.24	0.0359	123	0.076	161	0.000702	0.000702	0.00000677	0.0062	0.00198	0.103	0.00917	0.00000568	20.7	0.0000388	0.000242	0.000331	0.00316
2080 Sep	2980	0.323	1.25	0.036	123	0.076	161	0.0007	0.0007	0.00000677	0.0062	0.00198	0.103	0.00917	0.00000568	20.7	0.0000388	0.000243	0.000331	0.00317
2080 Oct	2980	0.323	1.25	0.036	123	0.076	161	0.000699	0.000699	0.00000677	0.0062	0.00198	0.103	0.00916	0.00000567	20.7	0.0000389	0.000243	0.000331	0.00317
2080 Nov	2980	0.323	1.25	0.036	123	0.076	161	0.000698	0.000698	0.00000676	0.0062	0.00198	0.103	0.00916	0.00000567	20.7	0.0000388	0.000243	0.000331	0.00317
2080 Dec	2980	0.323	1.25	0.036	123	0.076	161	0.000698	0.000698	0.00000676	0.0062	0.00198	0.103	0.00916	0.00000567	20.7	0.0000389	0.000243	0.000331	0.00317
2081 Jan	2980	0.323	1.25	0.036	123	0.076	161	0.000698	0.000698	0.00000676	0.0062	0.00198	0.103	0.00916	0.00000567	20.7	0.0000389	0.000243	0.000331	0.00317
2081 Feb	2980	0.323	1.25	0.036	123	0.076	161	0.000698	0.000698	0.00000676	0.0062	0.00198	0.103	0.00916	0.00000567	20.7	0.0000389	0.000243	0.000331	0.00317
2081 Mar	2980	0.323	1.25	0.036	123	0.076	161	0.000698	0.000698	0.00000676	0.0062	0.00198	0.103	0.00916	0.00000567	20.7	0.0000389	0.000243	0.000331	0.00317
2081 Apr	2980	0.324	1.25	0.036	123	0.0761	161	0.000699	0.000699	0.00000677	0.0062	0.00198	0.103	0.00916	0.00000567	20.7	0.0000389	0.000243	0.000331	0.00317
2081 May	2980	0.324	1.25	0.0361	123	0.0762	161	0.000699	0.000699	0.00000677	0.00621	0.00199	0.103	0.00917	0.00000567	20.7	0.0000389	0.000243	0.000332	0.00317
2081 Jun	2980	0.324	1.25	0.0361	123	0.0761	161	0.000694	0.000694	0.00000675	0.0062	0.00199	0.103	0.00913	0.00000565	20.7	0.0000389	0.000243	0.000331	0.00317
2081 Jul	3010	0.327	1.26	0.0364	124	0.0767	163	0.000699	0.000699	0.0000068	0.00625	0.002	0.104	0.00921	0.0000057	20.9	0.0000393	0.000245	0.000334	0.0032
2081 Aug	3040	0.33	1.27	0.0367	125	0.0773	164	0.000704	0.000704	0.00000686	0.0063	0.00202	0.105	0.00928	0.00000574	21	0.0000396	0.000247	0.000337	0.00322
2081 Sep	3040	0.331	1.28	0.0368	126	0.0774	164	0.000703	0.000703	0.00000686	0.00631	0.00202	0.105	0.00928	0.00000574	21.1	0.0000397	0.000248	0.000338	0.00323
2081 Oct	3050	0.331	1.28	0.0369	126	0.0775	165	0.000703	0.000703	0.00000686	0.00631	0.00203	0.105	0.00928	0.00000574	21.1	0.0000397	0.000248	0.000338	0.00323
2081 Nov	3040	0.331	1.28	0.0368	126	0.0774	165	0.000701	0.000701	0.00000685	0.0063	0.00202	0.105	0.00927	0.00000573	21.1	0.0000397	0.000248	0.000338	0.00323
2081 Dec	3040	0.331	1.28	0.0368	126	0.0774	165	0.000701	0.000701	0.00000685	0.0063	0.00202	0.105	0.00927	0.00000573	21.1	0.0000397	0.000247	0.000338	0.00323
2082 Jan	3040	0.331	1.28	0.0368	126	0.0774	165	0.000701	0.000701	0.00000685	0.0063	0.00202	0.105	0.00927	0.00000573	21.1	0.0000397	0.000247	0.000338	0.00323
2082 Feb	3040	0.331	1.28	0.0368	126	0.0774	165	0.000701	0.000701	0.00000685	0.0063	0.00202	0.105	0.00927	0.00000573	21.1	0.0000397	0.000247	0.000338	0.00323
2082 Mar	3040	0.331	1.28	0.0368	126	0.0774	165	0.000701	0.000701	0.00000685	0.0063	0.00202	0.105	0.00927	0.00000573	21.1	0.0000397	0.000248	0.000338	0.00323
2082 Apr	3050	0.331	1.28	0.0369	126	0.0774	165	0.000702	0.000702	0.00000685	0.00631	0.00202	0.105	0.00927	0.00000573	21.1	0.0000397	0.000248	0.000338	0.00323
2082 May	3050	0.332	1.28	0.0369	126	0.0776	165	0.000703	0.000703	0.00000687	0.00632	0.00203	0.106	0.00929	0.00000575	21.1	0.0000398	0.000248	0.000338	0.00324

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	3050	0.331	1.28	0.0368	125	0.0773	165	0.000696	0.000696	0.00000682	0.00629	0.00202	0.105	0.00923	0.0000057	21	0.0000397	0.000247	0.000337	0.00323
2082 Jul	3050	0.332	1.28	0.0369	126	0.0774	165	0.000692	0.000692	0.00000682	0.00629	0.00203	0.106	0.00922	0.00000569	21.1	0.0000397	0.000248	0.000338	0.00323
2082 Aug	3080	0.334	1.29	0.0372	126	0.0779	166	0.000695	0.000695	0.00000686	0.00633	0.00204	0.106	0.00927	0.00000572	21.2	0.00004	0.000249	0.00034	0.00325
2082 Sep	3080	0.335	1.29	0.0373	127	0.0781	167	0.000696	0.000696	0.00000687	0.00635	0.00205	0.107	0.00928	0.00000573	21.2	0.0000401	0.00025	0.000341	0.00326
2082 Oct	3080	0.334	1.29	0.0372	126	0.0779	166	0.000692	0.000692	0.00000684	0.00633	0.00204	0.106	0.00925	0.00000571	21.2	0.00004	0.000249	0.00034	0.00325
2082 Nov	3080	0.335	1.29	0.0373	127	0.0779	166	0.000692	0.000692	0.00000685	0.00633	0.00204	0.106	0.00925	0.00000571	21.2	0.0000401	0.000249	0.00034	0.00326
2082 Dec	3080	0.335	1.29	0.0373	127	0.0779	166	0.000692	0.000692	0.00000685	0.00633	0.00204	0.106	0.00925	0.00000571	21.2	0.0000401	0.00025	0.00034	0.00326
2083 Jan	3080	0.335	1.29	0.0373	127	0.0779	166	0.000692	0.000692	0.00000685	0.00633	0.00204	0.106	0.00925	0.00000571	21.2	0.0000401	0.00025	0.00034	0.00326
2083 Feb	3080	0.335	1.29	0.0373	127	0.0779	166	0.000692	0.000692	0.00000685	0.00633	0.00204	0.106	0.00925	0.00000571	21.2	0.0000401	0.00025	0.00034	0.00326
2083 Mar	3080	0.335	1.29	0.0373	127	0.0779	166	0.000692	0.000692	0.00000685	0.00633	0.00204	0.106	0.00925	0.00000571	21.2	0.0000401	0.00025	0.00034	0.00326
2083 Apr	3080	0.335	1.29	0.0373	127	0.078	167	0.000693	0.000693	0.00000685	0.00634	0.00205	0.107	0.00926	0.00000572	21.2	0.0000401	0.00025	0.00034	0.00326
2083 May	3090	0.336	1.29	0.0374	127	0.0781	167	0.000693	0.000693	0.00000686	0.00635	0.00205	0.107	0.00927	0.00000572	21.3	0.0000402	0.00025	0.000341	0.00326
2083 Jun	3080	0.335	1.29	0.0373	126	0.0777	167	0.000685	0.000685	0.00000681	0.00631	0.00204	0.106	0.0092	0.00000568	21.2	0.00004	0.000249	0.00034	0.00325
2083 Jul	3100	0.337	1.3	0.0375	127	0.0782	168	0.000687	0.000687	0.00000684	0.00635	0.00206	0.107	0.00924	0.0000057	21.3	0.0000403	0.000251	0.000342	0.00327
2083 Aug	3120	0.339	1.31	0.0377	128	0.0785	168	0.000688	0.000688	0.00000687	0.00637	0.00207	0.108	0.00927	0.00000572	21.4	0.0000405	0.000252	0.000343	0.00329
2083 Sep	3120	0.339	1.31	0.0378	128	0.0786	169	0.000686	0.000686	0.00000686	0.00637	0.00207	0.108	0.00926	0.00000571	21.4	0.0000405	0.000252	0.000344	0.00329
2083 Oct	3120	0.339	1.31	0.0377	127	0.0784	168	0.000682	0.000682	0.00000684	0.00636	0.00206	0.108	0.00923	0.00000569	21.3	0.0000405	0.000252	0.000343	0.00328
2083 Nov	3120	0.339	1.31	0.0377	127	0.0783	168	0.000681	0.000681	0.00000683	0.00635	0.00206	0.108	0.00922	0.00000569	21.3	0.0000404	0.000251	0.000343	0.00328
2083 Dec	3120	0.339	1.31	0.0377	127	0.0783	168	0.000681	0.000681	0.00000683	0.00635	0.00206	0.108	0.00922	0.00000569	21.3	0.0000404	0.000251	0.000343	0.00328
2084 Jan	3120	0.339	1.31	0.0377	127	0.0783	168	0.000681	0.000681	0.00000683	0.00635	0.00206	0.108	0.00922	0.00000569	21.3	0.0000404	0.000251	0.000343	0.00328
2084 Feb	3120	0.339	1.31	0.0377	127	0.0783	168	0.000681	0.000681	0.00000683	0.00635	0.00206	0.108	0.00922	0.00000569	21.3	0.0000404	0.000251	0.000343	0.00328
2084 Mar	3120	0.339	1.31	0.0377	127	0.0783	168	0.000681	0.000681	0.00000683	0.00636	0.00206	0.108	0.00922	0.00000569	21.3	0.0000405	0.000251	0.000343	0.00328
2084 Apr	3120	0.339	1.31	0.0377	128	0.0784	169	0.000682	0.000682	0.00000684	0.00636	0.00207	0.108	0.00923	0.00000569	21.4	0.0000405	0.000252	0.000343	0.00328
2084 May	3130	0.34	1.31	0.0378	128	0.0785	169	0.000682	0.000682	0.00000685	0.00637	0.00207	0.108	0.00924	0.0000057	21.4	0.0000406	0.000252	0.000344	0.00329
2084 Jun	3120	0.339	1.31	0.0377	127	0.0782	168	0.000674	0.000674	0.0000068	0.00634	0.00206	0.108	0.00917	0.00000565	21.3	0.0000404	0.000251	0.000342	0.00328
2084 Jul	3140	0.341	1.32	0.038	128	0.0787	170	0.000677	0.000677	0.00000684	0.00638	0.00208	0.108	0.00922	0.00000568	21.4	0.0000407	0.000253	0.000345	0.0033
2084 Aug	3160	0.343	1.32	0.0382	129	0.0791	171	0.00068	0.00068	0.00000687	0.00641	0.00209	0.109	0.00927	0.00000571	21.6	0.000041	0.000254	0.000347	0.00332
2084 Sep	3170	0.344	1.33	0.0383	129	0.0792	171	0.000678	0.000678	0.00000687	0.00642	0.00209	0.109	0.00927	0.00000571	21.6	0.000041	0.000255	0.000347	0.00332
2084 Oct	3170	0.344	1.33	0.0383	129	0.0791	171	0.000676	0.000676	0.00000686	0.00641	0.00209	0.109	0.00925	0.0000057	21.6	0.000041	0.000254	0.000347	0.00332
2084 Nov	3160	0.344	1.33	0.0383	129	0.0791	171	0.000676	0.000676	0.00000686	0.00641	0.00209	0.109	0.00924	0.00000569	21.5	0.000041	0.000254	0.000347	0.00332
2084 Dec	3160	0.344	1.33	0.0383	129	0.0791	171	0.000676	0.000676	0.00000686	0.00641	0.00209	0.109	0.00924	0.00000569	21.5	0.000041	0.000254	0.000347	0.00332
2085 Jan	3160	0.344	1.33	0.0383	129	0.0791	171	0.000676	0.000676	0.00000686	0.00641	0.00209	0.109	0.00924	0.00000569	21.5	0.000041	0.000254	0.000347	0.00332
2085 Feb	3160	0.344	1.33	0.0383	129	0.0791	171	0.000676	0.000676	0.00000686	0.00641	0.00209	0.109	0.00924	0.00000569	21.6	0.000041	0.000254	0.000347	0.00332
2085 Mar	3170	0.344	1.33	0.0383	129	0.0791	171	0.000676	0.000676	0.00000686	0.00641	0.00209	0.109	0.00925	0.00000569	21.6	0.000041	0.000254	0.000347	0.00332
2085 Apr	3170	0.344	1.33	0.0383	129	0.0792	171	0.000676	0.000676	0.00000686	0.00641	0.00209	0.109	0.00925	0.0000057	21.6	0.000041	0.000255	0.000347	0.00332
2085 May	3170	0.344	1.33	0.0383	129	0.0793	171	0.000676	0.000676	0.00000687	0.00642	0.0021	0.109	0.00926	0.0000057	21.6	0.0000411	0.000255	0.000348	0.00333
2085 Jun	3180	0.345	1.33	0.0384	129	0.0793	172	0.000673	0.000673	0.00000686	0.00642	0.0021	0.11	0.00924	0.00000569	21.6	0.0000411	0.000255	0.000348	0.00333
2085 Jul	3200	0.348	1.34	0.0387	130	0.0798	173	0.000677	0.000677	0.0000069	0.00646	0.00211	0.11	0.0093	0.00000573	21.8	0.0000414	0.000257	0.00035	0.00335
2085 Aug	3210	0.349	1.35	0.0389	131	0.0801	174	0.000677	0.000677	0.00000692	0.00648	0.00212	0.111	0.00932	0.00000573	21.8	0.0000416	0.000258	0.000352	0.00336
2085 Sep	3220	0.349	1.35	0.0389	131	0.0801	174	0.000674	0.000674	0.00000691	0.00648	0.00212	0.111	0.0093	0.00000572	21.8	0.0000416	0.000258	0.000351	0.00336
2085 Oct	3210	0.349	1.35	0.0388	130	0.08	174	0.000672	0.000672	0.00000689	0.00647	0.00212	0.111	0.00928	0.00000571	21.8	0.0000416	0.000258	0.000351	0.00336
2085 Nov	3210	0.349	1.35	0.0388	130	0.0799	173	0.000671	0.000671	0.00000689	0.00646	0.00212	0.111	0.00927	0.0000057	21.8	0.0000415	0.000257	0.000351	0.00336
2085 Dec	3210	0.349	1.35	0.0388	130	0.0799	173	0.000671	0.000671	0.00000689	0.00646	0.00212	0.111	0.00927	0.0000057	21.8	0.0000415	0.000257	0.000351	0.00336
2086 Jan	3210	0.349	1.35	0.0388	130	0.0799	173	0.000671	0.000671	0.00000689	0.00646	0.00212	0.111	0.00927	0.0000057	21.8	0.0000415	0.000257	0.000351	0.00336
2086 Feb	3210	0.349	1.35	0.0388	130	0.0799	173	0.000671	0.000671	0.00000689	0.00646	0.00212	0.111	0.00927	0.0000057	21.8	0.0000415	0.000257	0.000351	0.00336
2086 Mar	3210	0.349	1.35	0.0388	130	0.0799	173	0.000671	0.000671	0.00000689	0.00646	0.00212	0.111	0.00927	0.0000057	21.8	0.0000415	0.000257	0.000351	0.00336
2086 Apr	3210	0.349	1.35	0.0388	130	0.08	174	0.000671	0.000671	0.00000689	0.00647	0.00212	0.111	0.00928	0.00000571	21.8	0.0000416	0.000258	0.000351	0.00336
2086 May	3220	0.35	1.35	0.0389	131	0.0801	174	0.000672	0.000672	0.0000069	0.00648	0.00213	0.111	0.0093	0.00000572	21.8	0.0000417	0.000258	0.000352	0.00337
2086 Jun	3210	0.349	1.35	0.0388	130	0.0798	174	0.000665	0.000665	0.00000686	0.00645	0.00212	0.111	0.00924	0.00000568	21.8	0.0000415	0.000257	0.000351	0.00336
2086 Jul	3240	0.352	1.36	0.0391	131	0.0803	175	0.000667	0.000667	0.0000069	0.00649	0.00214	0.112	0.00928	0.0000057	21.9	0.0000418	0.000259	0.000353	0.00338
2086 Aug	3260	0.354	1.37	0.0394	132	0.0807	176	0.000669	0.000669	0.00000693	0.00652	0.00215	0.112	0.00932	0.00000573	22	0.0000421	0.00026	0.000355	0.0034
2086 Sep	3260	0.354	1.37	0.0394	132	0.0808	176	0.000667	0.000667	0.00000692	0.00653	0.00215	0.113	0.00931	0.00000572	22	0.0000421	0.000261	0.000355	0.0034
2086 Oct	3260	0.354	1.37	0.0394	132	0.0808	176	0.000666	0.000666	0.00000692	0.00653	0.00215	0.113	0.00931	0.00000572	22	0.0000421	0.000261	0.000355	0.0034
2086 Nov	3270	0.355	1.37	0.0395	132	0.0809	176	0.000667	0.000667	0.00000692	0.00653	0.00215	0.113	0.00932	0.00000572	22	0.0000422	0.000261	0.000356	0.0034
2086 Dec	3270	0.355	1.37	0.0395	132	0.0809	176	0.000667	0.000667	0.00000692	0.00653	0.00215	0.113	0.00932	0.00000572	22	0.0000422	0.000261	0.000356	0.0034
2087 Jan	3270	0.355	1.37	0.0395	132	0.0809	176	0.000667	0.000667	0.00000692	0.00653	0.00215	0.113	0.00932	0.00000572	22	0.0000422	0.000261	0.000356	0.0034
2087 Feb	3270	0.355	1.37	0.0395	132	0.0809	176	0.000667	0.000667	0.00000692	0.00653	0.00215	0.113	0.00932	0.00000572	22	0.0000422	0.000261	0.000356	0.0034
2087 Mar	3270	0.355	1.37	0.0395	132	0.0809	176	0.000667	0.000667	0.00000693	0.00653	0.00215	0.113	0.00932	0.00000572	22	0.0000422	0.000261	0.000356	0.0034
2087 Apr	3270	0.355	1.37	0.0395	132	0.0809	176	0.000667	0.000667	0.00000693	0.00653	0.00215	0.113	0.00932	0.00000572	22.1	0.0000422	0.000261	0.000356	0.0034
2087 May	3270	0.355	1.37	0.0395	132	0.081	177	0.000667	0.000667	0.00000693	0.00654	0.00216	0.113	0.00933	0.00000573	22.1	0.0000422	0.000261	0.000356	0.00341
2087 Jun	3270	0.355	1.37	0.0395	132	0.0808	177	0.000662	0.000662	0.00000691	0.00652	0.00215	0.113	0.00929	0.0000057	22	0.0000422	0.000261	0.000356	0.0034
2087 Jul	3290	0.357	1.38	0.0398	133	0.0813	178	0.000665	0.000665	0.00000694	0.00656	0.00217	0.113	0.00934	0.00000573	22.2	0.0000424	0.000262	0.000358	0.00342
2087 Aug	3310	0.36	1.39	0.04	134	0.0818	179	0.000668	0.000668	0.00000698	0.0066	0.00218	0.114	0.00939	0.00000576	22.3	0.0000427	0.000264	0.00036	0.00345
2087 Sep	3330	0.361	1.39	0.0402	134	0.0821	180	0.000669	0.000669	0.000007	0.00662	0.00219	0.115	0.00941	0.00000578	22.4	0.0000429	0.000265	0.000361	0.00346
2087 Oct	3330	0.361	1.39	0.0402	134	0.0821	180	0.000668	0.000668	0.000007	0.00662	0.00219	0.115	0.00941	0.00000577	22.4	0.0000429	0.000265	0.000361	0.00346
2087 Nov	3330	0.361	1.39	0.0402	134	0.082	180	0.000668	0.000668	0.00000699	0.00662	0.00219	0.115	0.0094	0.00000577	22.4	0.0000429	0.000265	0.000361	0.00346
2087 Dec	3330	0.361	1.39	0.0402	134	0.0821	180	0.000668	0.000668	0.000007	0.00662	0.00219	0.115	0.0094	0.00000577	22.4	0.0000429	0.000265	0.000361	0.00346
2088 Jan	3330	0.361	1.39	0.0402	134	0.0821	180	0.000668	0.000668	0.000007	0.00662	0.00219	0.115	0.0094	0.00000577	22.4	0.0000429	0.000265	0.000361	0.00346
2088 Feb	3330	0.361	1.39	0.0402	134	0.0821	180	0.000668	0.000668	0.000007	0.00662	0.00219	0.115	0.0094	0.00000577	22.4	0.0000429	0.000265	0.000361	0.00346
2088 Mar	3330	0.361	1.39	0.0402	134	0.0821	180	0.000668	0.000668	0.000007	0.00662	0.00219	0.115	0.00941	0.00000577	22.4	0.0000429	0.000265	0.000361	0.00346
2088 Apr	3330	0.362	1.4	0.0402	134	0.0822	180	0.000669	0.000669	0.00000701	0.00663	0.00219	0.115	0.00942	0.00000578	22.4	0.0000429	0.000265	0.000362	0.00346
2088 May	3340	0.363	1.4	0.0403	135	0.0824	180	0.00067	0.00067	0.00000702	0.00665	0.0022	0.115	0.00944	0.00000579	22.5	0.0000431	0.000266	0.000363	0.00347
2088 Jun	3340	0.363	1.4	0.0404	135	0.0823	180	0.000667	0.000667	0.00000701	0.00664	0.0022	0.115	0.00942	0.00000578	22.5	0.0000431	0.000266	0.000363	0.00347
2088 Jul	3370	0.365	1.41	0.0407	136	0.0829	182	0.00067	0.00067	0.00000705	0.00668	0.00221	0.116	0.00948	0.00000581	22.6	0.0000434	0.000268	0.000365	0.00349
2088 Aug	3400	0.369	1.42	0.041	137	0.0836	183	0.000675	0.000675	0.00000711	0.00674	0.00223	0.117	0.00956	0.00000586	22.8	0.0000438	0.00027	0.000368	0.00353
2088 Sep	3410	0.37	1.43	0.0412	137	0.0839	184	0.000676	0.000676	0.00000713	0.00676	0.00224	0.117	0.00958	0.00000587	22.9	0.0000439	0.000271	0.00037	0.00354
2088 Oct	3400	0.369	1.43	0.0411	137	0.0836	184	0.000672	0.000672	0.0000071	0.00674	0.00224	0.117	0.00954	0.00000585	22.8	0.0000438	0.00027	0.000369	0.00353

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	3400	0.369	1.43	0.0411	137	0.0836	184	0.000671	0.000671	0.0000071	0.00674	0.00224	0.117	0.00953	0.00000584	22.8	0.0000438	0.00027	0.000368	0.00353
2088 Dec	3400	0.369	1.43	0.0411	137	0.0836	184	0.000672	0.000672	0.0000071	0.00674	0.00224	0.117	0.00953	0.00000584	22.8	0.0000438	0.00027	0.000368	0.00353
2089 Jan	3400	0.369	1.43	0.0411	137	0.0836	184	0.000672	0.000672	0.0000071	0.00674	0.00224	0.117	0.00953	0.00000584	22.8	0.0000438	0.00027	0.000368	0.00353
2089 Feb	3400	0.369	1.43	0.0411	137	0.0836	184	0.000672	0.000672	0.0000071	0.00674	0.00224	0.117	0.00953	0.00000585	22.8	0.0000438	0.00027	0.000368	0.00353
2089 Mar	3400	0.369	1.43	0.0411	137	0.0836	184	0.000672	0.000672	0.0000071	0.00674	0.00224	0.117	0.00954	0.00000585	22.8	0.0000438	0.00027	0.000369	0.00353
2089 Apr	3400	0.37	1.43	0.0411	137	0.0837	184	0.000672	0.000672	0.0000071	0.00675	0.00224	0.117	0.00954	0.00000585	22.8	0.0000438	0.000271	0.000369	0.00353
2089 May	3410	0.37	1.43	0.0412	137	0.0838	184	0.000672	0.000672	0.00000711	0.00676	0.00224	0.118	0.00956	0.00000586	22.9	0.0000439	0.000271	0.000369	0.00354
2089 Jun	3420	0.371	1.43	0.0412	137	0.0839	184	0.00067	0.00067	0.0000071	0.00675	0.00224	0.118	0.00954	0.00000585	22.9	0.000044	0.000271	0.00037	0.00354
2089 Jul	3440	0.373	1.44	0.0415	138	0.0844	186	0.000672	0.000672	0.00000714	0.0068	0.00226	0.119	0.00959	0.00000588	23	0.0000442	0.000273	0.000372	0.00356
2089 Aug	3460	0.376	1.45	0.0418	139	0.0849	187	0.000675	0.000675	0.00000718	0.00684	0.00227	0.119	0.00964	0.00000591	23.2	0.0000445	0.000275	0.000374	0.00358
2089 Sep	3470	0.377	1.45	0.0419	139	0.0851	187	0.000675	0.000675	0.00000719	0.00685	0.00228	0.12	0.00965	0.00000591	23.2	0.0000446	0.000275	0.000375	0.00359
2089 Oct	3460	0.376	1.45	0.0418	139	0.0848	187	0.000671	0.000671	0.00000716	0.00683	0.00227	0.119	0.00961	0.00000589	23.1	0.0000445	0.000275	0.000374	0.00358
2089 Nov	3460	0.376	1.45	0.0418	139	0.0848	187	0.000671	0.000671	0.00000716	0.00683	0.00227	0.119	0.00961	0.00000589	23.1	0.0000445	0.000275	0.000374	0.00358
2089 Dec	3460	0.376	1.45	0.0418	139	0.0848	187	0.000671	0.000671	0.00000716	0.00683	0.00227	0.119	0.00962	0.00000589	23.1	0.0000445	0.000275	0.000374	0.00358
2090 Jan	3460	0.376	1.45	0.0418	139	0.0848	187	0.000671	0.000671	0.00000716	0.00683	0.00227	0.119	0.00962	0.00000589	23.1	0.0000445	0.000275	0.000374	0.00358
2090 Feb	3460	0.376	1.45	0.0418	139	0.0848	187	0.000671	0.000671	0.00000716	0.00683	0.00227	0.119	0.00962	0.00000589	23.1	0.0000445	0.000275	0.000374	0.00358
2090 Mar	3460	0.376	1.45	0.0418	139	0.0848	187	0.000671	0.000671	0.00000717	0.00683	0.00227	0.119	0.00962	0.00000589	23.1	0.0000445	0.000275	0.000374	0.00358
2090 Apr	3470	0.376	1.45	0.0418	139	0.0849	187	0.000671	0.000671	0.00000717	0.00683	0.00228	0.119	0.00962	0.00000589	23.2	0.0000446	0.000275	0.000375	0.00358
2090 May	3470	0.377	1.46	0.0419	139	0.085	187	0.000672	0.000672	0.00000718	0.00684	0.00228	0.12	0.00964	0.0000059	23.2	0.0000446	0.000275	0.000375	0.00359
2090 Jun	3460	0.376	1.45	0.0418	139	0.0846	187	0.000665	0.000665	0.00000713	0.00681	0.00227	0.119	0.00957	0.00000586	23.1	0.0000445	0.000274	0.000374	0.00357
2090 Jul	3480	0.378	1.46	0.042	139	0.0851	188	0.000667	0.000667	0.00000717	0.00685	0.00229	0.12	0.00961	0.00000588	23.2	0.0000447	0.000276	0.000376	0.0036
2090 Aug	3490	0.379	1.46	0.0421	140	0.0851	188	0.000664	0.000664	0.00000716	0.00685	0.00229	0.12	0.0096	0.00000587	23.2	0.0000448	0.000276	0.000376	0.0036
2090 Sep	3490	0.379	1.46	0.0421	140	0.0851	188	0.000662	0.000662	0.00000715	0.00684	0.00229	0.12	0.00958	0.00000586	23.2	0.0000448	0.000276	0.000376	0.0036
2090 Oct	3480	0.378	1.46	0.042	139	0.0849	188	0.000658	0.000658	0.00000712	0.00682	0.00228	0.12	0.00955	0.00000584	23.2	0.0000447	0.000275	0.000375	0.00359
2090 Nov	3480	0.378	1.46	0.042	139	0.0847	188	0.000656	0.000656	0.00000711	0.00681	0.00228	0.12	0.00953	0.00000583	23.1	0.0000446	0.000275	0.000375	0.00358
2090 Dec	3480	0.378	1.46	0.042	139	0.0848	188	0.000656	0.000656	0.00000711	0.00681	0.00228	0.12	0.00953	0.00000583	23.1	0.0000446	0.000275	0.000375	0.00358
2091 Jan	3480	0.378	1.46	0.042	139	0.0848	188	0.000656	0.000656	0.00000711	0.00681	0.00228	0.12	0.00953	0.00000583	23.1	0.0000447	0.000275	0.000375	0.00358
2091 Feb	3480	0.378	1.46	0.042	139	0.0848	188	0.000656	0.000656	0.00000711	0.00681	0.00228	0.12	0.00953	0.00000583	23.1	0.0000447	0.000275	0.000375	0.00358
2091 Mar	3480	0.378	1.46	0.042	139	0.0848	188	0.000656	0.000656	0.00000711	0.00681	0.00228	0.12	0.00953	0.00000583	23.1	0.0000447	0.000275	0.000375	0.00358
2091 Apr	3480	0.378	1.46	0.042	139	0.0849	188	0.000657	0.000657	0.00000712	0.00682	0.00228	0.12	0.00954	0.00000583	23.2	0.0000447	0.000275	0.000375	0.00359
2091 May	3490	0.379	1.46	0.0421	139	0.085	188	0.000658	0.000658	0.00000713	0.00683	0.00229	0.12	0.00956	0.00000585	23.2	0.0000448	0.000276	0.000376	0.0036
2091 Jun	3490	0.378	1.46	0.0421	139	0.0848	188	0.000653	0.000653	0.0000071	0.00681	0.00228	0.12	0.00952	0.00000582	23.2	0.0000447	0.000275	0.000375	0.00359
2091 Jul	3520	0.382	1.47	0.0424	140	0.0855	190	0.000658	0.000658	0.00000716	0.00687	0.0023	0.121	0.00959	0.00000586	23.3	0.0000451	0.000278	0.000378	0.00362
2091 Aug	3530	0.383	1.48	0.0426	141	0.0858	190	0.000657	0.000657	0.00000717	0.00689	0.00231	0.121	0.0096	0.00000587	23.4	0.0000452	0.000278	0.000379	0.00363
2091 Sep	3530	0.383	1.48	0.0426	141	0.0858	191	0.000656	0.000656	0.00000717	0.00689	0.00231	0.122	0.0096	0.00000587	23.4	0.0000453	0.000279	0.00038	0.00363
2091 Oct	3530	0.383	1.48	0.0426	141	0.0857	190	0.000654	0.000654	0.00000715	0.00688	0.00231	0.122	0.00958	0.00000585	23.4	0.0000452	0.000278	0.000379	0.00363
2091 Nov	3520	0.382	1.48	0.0425	140	0.0855	190	0.000652	0.000652	0.00000713	0.00686	0.00231	0.121	0.00956	0.00000584	23.3	0.0000452	0.000278	0.000378	0.00362
2091 Dec	3520	0.382	1.48	0.0425	140	0.0855	190	0.000652	0.000652	0.00000713	0.00686	0.00231	0.121	0.00956	0.00000584	23.3	0.0000452	0.000278	0.000378	0.00362
2092 Jan	3520	0.382	1.48	0.0425	140	0.0855	190	0.000652	0.000652	0.00000714	0.00686	0.00231	0.121	0.00956	0.00000584	23.3	0.0000452	0.000278	0.000378	0.00362
2092 Feb	3520	0.382	1.48	0.0425	140	0.0855	190	0.000652	0.000652	0.00000714	0.00686	0.00231	0.121	0.00956	0.00000584	23.3	0.0000452	0.000278	0.000379	0.00362
2092 Mar	3530	0.383	1.48	0.0425	140	0.0856	190	0.000652	0.000652	0.00000714	0.00687	0.00231	0.121	0.00956	0.00000584	23.4	0.0000452	0.000278	0.000379	0.00362
2092 Apr	3530	0.383	1.48	0.0426	141	0.0856	190	0.000652	0.000652	0.00000714	0.00687	0.00231	0.121	0.00957	0.00000584	23.4	0.0000452	0.000278	0.000379	0.00363
2092 May	3540	0.384	1.48	0.0427	141	0.0858	191	0.000653	0.000653	0.00000716	0.00688	0.00231	0.122	0.00958	0.00000585	23.4	0.0000453	0.000279	0.00038	0.00363
2092 Jun	3510	0.381	1.47	0.0424	140	0.0851	190	0.000642	0.000642	0.00000708	0.00682	0.0023	0.121	0.00947	0.00000578	23.2	0.000045	0.000276	0.000377	0.0036
2092 Jul	3530	0.383	1.48	0.0425	140	0.0853	190	0.000642	0.000642	0.00000709	0.00684	0.00231	0.121	0.00949	0.00000579	23.3	0.0000452	0.000277	0.000378	0.00362
2092 Aug	3550	0.385	1.49	0.0429	141	0.0859	192	0.000645	0.000645	0.00000713	0.00689	0.00232	0.122	0.00955	0.00000583	23.5	0.0000455	0.000279	0.000381	0.00364
2092 Sep	3560	0.386	1.49	0.0429	141	0.086	192	0.000645	0.000645	0.00000714	0.0069	0.00233	0.122	0.00956	0.00000583	23.5	0.0000456	0.00028	0.000381	0.00365
2092 Oct	3560	0.386	1.49	0.0429	141	0.086	192	0.000644	0.000644	0.00000714	0.00689	0.00233	0.123	0.00955	0.00000582	23.5	0.0000456	0.00028	0.000381	0.00365
2092 Nov	3560	0.386	1.49	0.043	141	0.086	192	0.000644	0.000644	0.00000714	0.0069	0.00233	0.123	0.00955	0.00000582	23.5	0.0000456	0.00028	0.000381	0.00365
2092 Dec	3560	0.386	1.49	0.043	141	0.086	192	0.000644	0.000644	0.00000714	0.0069	0.00233	0.123	0.00955	0.00000582	23.5	0.0000456	0.00028	0.000381	0.00365
2093 Jan	3560	0.386	1.49	0.043	141	0.086	192	0.000644	0.000644	0.00000714	0.0069	0.00233	0.123	0.00955	0.00000582	23.5	0.0000456	0.00028	0.000381	0.00365
2093 Feb	3560	0.386	1.49	0.043	141	0.086	192	0.000644	0.000644	0.00000714	0.0069	0.00233	0.123	0.00955	0.00000582	23.5	0.0000456	0.00028	0.000381	0.00365
2093 Mar	3560	0.387	1.49	0.043	141	0.0861	192	0.000644	0.000644	0.00000714	0.0069	0.00233	0.123	0.00955	0.00000583	23.5	0.0000456	0.00028	0.000381	0.00365
2093 Apr	3570	0.387	1.49	0.043	142	0.0861	192	0.000645	0.000645	0.00000715	0.0069	0.00233	0.123	0.00956	0.00000583	23.5	0.0000456	0.00028	0.000382	0.00365
2093 May	3570	0.388	1.5	0.0431	142	0.0863	193	0.000646	0.000646	0.00000716	0.00692	0.00234	0.123	0.00958	0.00000584	23.6	0.0000457	0.000281	0.000383	0.00366
2093 Jun	3570	0.387	1.5	0.043	141	0.086	192	0.00064	0.00064	0.00000712	0.00689	0.00233	0.123	0.00953	0.00000581	23.5	0.0000456	0.00028	0.000381	0.00365
2093 Jul	3590	0.39	1.51	0.0433	142	0.0866	194	0.000643	0.000643	0.00000716	0.00694	0.00235	0.124	0.00958	0.00000584	23.6	0.0000459	0.000282	0.000384	0.00367
2093 Aug	3610	0.392	1.51	0.0436	143	0.0871	195	0.000646	0.000646	0.0000072	0.00698	0.00236	0.124	0.00963	0.00000587	23.8	0.0000462	0.000284	0.000386	0.0037
2093 Sep	3620	0.393	1.52	0.0437	143	0.0872	195	0.000645	0.000645	0.00000721	0.00699	0.00237	0.125	0.00964	0.00000588	23.8	0.0000463	0.000284	0.000387	0.0037
2093 Oct	3610	0.392	1.51	0.0435	143	0.0869	195	0.00064	0.00064	0.00000717	0.00696	0.00236	0.124	0.00959	0.00000584	23.7	0.0000461	0.000283	0.000386	0.00369
2093 Nov	3610	0.391	1.51	0.0435	143	0.0868	195	0.000639	0.000639	0.00000716	0.00695	0.00236	0.124	0.00958	0.00000584	23.7	0.0000461	0.000283	0.000385	0.00369
2093 Dec	3610	0.391	1.51	0.0435	143	0.0868	195	0.000639	0.000639	0.00000717	0.00695	0.00236	0.124	0.00958	0.00000584	23.7	0.0000461	0.000283	0.000385	0.00369
2094 Jan	3610	0.391	1.51	0.0435	143	0.0868	195	0.000639	0.000639	0.00000717	0.00695	0.00236	0.124	0.00958	0.00000584	23.7	0.0000461	0.000283	0.000385	0.00369
2094 Feb	3610	0.391	1.51	0.0435	143	0.0868	195	0.000639	0.000639	0.00000717	0.00695	0.00236	0.124	0.00958	0.00000584	23.7	0.0000461	0.000283	0.000385	0.00369
2094 Mar	3610	0.391	1.51	0.0435	143	0.0868	195	0.000639	0.000639	0.00000717	0.00695	0.00236	0.124	0.00958	0.00000584	23.7	0.0000461	0.000283	0.000385	0.00369
2094 Apr	3610	0.392	1.51	0.0435	143	0.0869	195	0.00064	0.00064	0.00000717	0.00696	0.00236	0.124	0.00959	0.00000584	23.7	0.0000461	0.000283	0.000386	0.00369
2094 May	3610	0.392	1.51	0.0436	143	0.0869	195	0.000639	0.000639	0.00000717	0.00696	0.00236	0.124	0.00959	0.00000584	23.7	0.0000462	0.000283	0.000386	0.00369
2094 Jun	3620	0.393	1.52	0.0437	143	0.087	195	0.000638	0.000638	0.00000717	0.00697	0.00236	0.125	0.00959	0.00000584	23.8	0.0000463	0.000284	0.000386	0.0037
2094 Jul	3660	0.397	1.53	0.0441	145	0.0879	197	0.000643	0.000643	0.00000724	0.00703	0.00239	0.126	0.00967	0.00000589	24	0.0000467	0.000286	0.00039	0.00373
2094 Aug	3690	0.4	1.55	0.0445	146	0.0887	199	0.000648	0.000648	0.0000073	0.0071	0.00241	0.127	0.00976	0.00000594	24.2	0.0000471	0.000289	0.000394	0.00377
2094 Sep	3700	0.401	1.55	0.0446	146	0.0888	199	0.000648	0.000648	0.00000731	0.0071	0.00241	0.127	0.00976	0.00000594	24.3	0.0000472	0.000289	0.000394	0.00377
2094 Oct	3690	0.4	1.55	0.0445	146	0.0886	199	0.000644	0.000644	0.00000728	0.00709	0.00241	0.127	0.00973	0.00000592	24.2	0.0000471	0.000289	0.000393	0.00376
2094 Nov	3680	0.399	1.54	0.0444	145	0.0883	199	0.000641	0.000641	0.00000726	0.00706	0.0024	0.127	0.00969	0.0000059	24.1	0.000047	0.000288	0.000392	0.00375
2094 Dec	3680	0.399	1.54	0.0444	145	0.0883	199	0.000641	0.000641	0.00000726	0.00706	0.0024	0.127	0.00969	0.0000059	24.1	0.000047	0.000288	0.000392	0.00375
2095 Jan	3680	0.399	1.54	0.0444	145	0.0883	199	0.000641	0.000641	0.00000726	0.00706	0.0024	0.127	0.00969	0.0000059	24.1	0.000047	0.000288	0.000392	0.00375
2095 Feb	3680	0.399	1.54	0.0444	145	0.0883	199	0.000641	0.000641	0.00000726	0.00706	0.0024	0.127	0.00969	0.0000059	24.1	0.000047	0.000288	0.000392	0.00375
2095 Mar	3680	0.399	1.54	0.0444	145	0.0883	199	0.000641	0.000641	0.00000726	0.00706	0.0024	0.127	0.00969	0.0000059	24.1	0.000047	0.000288	0.000392	0.00375

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	3680	0.4	1.54	0.0444	145	0.0884	199	0.000642	0.000642	0.00000726	0.00707	0.0024	0.127	0.0097	0.0000059	24.1	0.000047	0.000288	0.000393	0.00376
2095 May	3690	0.4	1.55	0.0445	146	0.0885	199	0.000641	0.000641	0.00000726	0.00707	0.00241	0.127	0.0097	0.00000591	24.2	0.0000471	0.000288	0.000393	0.00376
2095 Jun	3700	0.402	1.55	0.0446	146	0.0887	200	0.000641	0.000641	0.00000728	0.00709	0.00241	0.127	0.00972	0.00000592	24.2	0.0000472	0.000289	0.000394	0.00377
2095 Jul	3740	0.405	1.57	0.045	147	0.0895	201	0.000646	0.000646	0.00000734	0.00716	0.00244	0.128	0.00981	0.00000597	24.5	0.0000477	0.000292	0.000398	0.00381
2095 Aug	3750	0.406	1.57	0.0452	148	0.0897	202	0.000645	0.000645	0.00000735	0.00717	0.00244	0.129	0.00981	0.00000597	24.5	0.0000478	0.000293	0.000399	0.00381
2095 Sep	3750	0.407	1.57	0.0453	148	0.0898	202	0.000645	0.000645	0.00000736	0.00718	0.00245	0.129	0.00982	0.00000597	24.5	0.0000479	0.000293	0.000399	0.00382
2095 Oct	3760	0.408	1.58	0.0453	148	0.0899	203	0.000645	0.000645	0.00000736	0.00718	0.00245	0.129	0.00982	0.00000597	24.6	0.0000479	0.000293	0.0004	0.00382
2095 Nov	3750	0.407	1.57	0.0453	148	0.0898	202	0.000643	0.000643	0.00000735	0.00718	0.00245	0.129	0.00981	0.00000596	24.5	0.0000479	0.000293	0.000399	0.00382
2095 Dec	3750	0.407	1.57	0.0453	148	0.0898	202	0.000643	0.000643	0.00000735	0.00717	0.00245	0.129	0.00981	0.00000596	24.5	0.0000479	0.000293	0.000399	0.00382
2096 Jan	3750	0.407	1.57	0.0453	148	0.0898	202	0.000643	0.000643	0.00000735	0.00717	0.00245	0.129	0.00981	0.00000596	24.5	0.0000479	0.000293	0.000399	0.00382
2096 Feb	3750	0.407	1.57	0.0453	148	0.0898	202	0.000643	0.000643	0.00000735	0.00718	0.00245	0.129	0.00981	0.00000596	24.5	0.0000479	0.000293	0.000399	0.00382
2096 Mar	3750	0.407	1.57	0.0453	148	0.0898	202	0.000643	0.000643	0.00000735	0.00718	0.00245	0.129	0.00981	0.00000596	24.5	0.0000479	0.000293	0.000399	0.00382
2096 Apr	3760	0.408	1.58	0.0453	148	0.0899	203	0.000644	0.000644	0.00000735	0.00718	0.00245	0.129	0.00982	0.00000597	24.6	0.0000479	0.000293	0.0004	0.00382
2096 May	3760	0.408	1.58	0.0454	148	0.09	203	0.000645	0.000645	0.00000736	0.00719	0.00245	0.129	0.00983	0.00000598	24.6	0.000048	0.000294	0.0004	0.00383
2096 Jun	3740	0.406	1.57	0.0451	147	0.0894	202	0.000636	0.000636	0.0000073	0.00714	0.00244	0.129	0.00974	0.00000592	24.4	0.0000477	0.000292	0.000398	0.00381
2096 Jul	3770	0.409	1.58	0.0454	148	0.0899	203	0.000638	0.000638	0.00000733	0.00718	0.00245	0.13	0.00979	0.00000595	24.6	0.000048	0.000294	0.0004	0.00383
2096 Aug	3800	0.412	1.59	0.0458	149	0.0906	205	0.000642	0.000642	0.00000739	0.00723	0.00247	0.131	0.00986	0.00000599	24.8	0.0000484	0.000296	0.000403	0.00386
2096 Sep	3800	0.412	1.59	0.0458	149	0.0906	205	0.00064	0.00064	0.00000738	0.00723	0.00247	0.131	0.00985	0.00000598	24.8	0.0000484	0.000296	0.000403	0.00386
2096 Oct	3790	0.411	1.59	0.0457	149	0.0903	204	0.000636	0.000636	0.00000735	0.00721	0.00247	0.13	0.00981	0.00000596	24.7	0.0000483	0.000295	0.000402	0.00385
2096 Nov	3790	0.411	1.59	0.0457	149	0.0903	204	0.000636	0.000636	0.00000735	0.00721	0.00247	0.13	0.0098	0.00000595	24.7	0.0000483	0.000295	0.000402	0.00385
2096 Dec	3790	0.411	1.59	0.0457	149	0.0903	204	0.000636	0.000636	0.00000735	0.00721	0.00247	0.13	0.0098	0.00000595	24.7	0.0000483	0.000295	0.000402	0.00385
2097 Jan	3790	0.411	1.59	0.0457	149	0.0903	204	0.000636	0.000636	0.00000735	0.00721	0.00247	0.13	0.0098	0.00000595	24.7	0.0000483	0.000295	0.000402	0.00385
2097 Feb	3790	0.411	1.59	0.0457	149	0.0903	204	0.000636	0.000636	0.00000735	0.00721	0.00247	0.13	0.0098	0.00000595	24.7	0.0000483	0.000295	0.000402	0.00385
2097 Mar	3790	0.411	1.59	0.0457	149	0.0903	204	0.000636	0.000636	0.00000735	0.00721	0.00247	0.13	0.00981	0.00000596	24.7	0.0000483	0.000295	0.000402	0.00385
2097 Apr	3790	0.412	1.59	0.0457	149	0.0904	205	0.000637	0.000637	0.00000736	0.00722	0.00247	0.13	0.00981	0.00000596	24.7	0.0000483	0.000296	0.000403	0.00385
2097 May	3800	0.413	1.6	0.0459	149	0.0906	205	0.000638	0.000638	0.00000738	0.00723	0.00248	0.131	0.00984	0.00000597	24.8	0.0000485	0.000296	0.000404	0.00386
2097 Jun	3810	0.413	1.6	0.0459	149	0.0906	205	0.000635	0.000635	0.00000737	0.00723	0.00248	0.131	0.00982	0.00000596	24.8	0.0000485	0.000296	0.000404	0.00386
2097 Jul	3840	0.417	1.61	0.0463	151	0.0914	207	0.00064	0.00064	0.00000743	0.00729	0.0025	0.132	0.0099	0.00000601	25	0.0000489	0.000299	0.000407	0.00389
2097 Aug	3860	0.419	1.62	0.0466	152	0.0919	208	0.000642	0.000642	0.00000746	0.00733	0.00251	0.133	0.00995	0.00000604	25.1	0.0000492	0.000301	0.000409	0.00392
2097 Sep	3870	0.42	1.62	0.0467	152	0.0922	209	0.000643	0.000643	0.00000748	0.00735	0.00252	0.133	0.00997	0.00000605	25.2	0.0000493	0.000301	0.000411	0.00393
2097 Oct	3870	0.42	1.62	0.0467	152	0.0921	209	0.000642	0.000642	0.00000747	0.00735	0.00252	0.133	0.00996	0.00000605	25.2	0.0000493	0.000301	0.00041	0.00393
2097 Nov	3870	0.42	1.62	0.0467	152	0.092	209	0.000641	0.000641	0.00000747	0.00734	0.00252	0.133	0.00995	0.00000604	25.2	0.0000493	0.000301	0.00041	0.00392
2097 Dec	3870	0.42	1.62	0.0467	152	0.092	209	0.000641	0.000641	0.00000747	0.00734	0.00252	0.133	0.00995	0.00000604	25.2	0.0000493	0.000301	0.00041	0.00392
2098 Jan	3870	0.42	1.62	0.0467	152	0.092	209	0.000641	0.000641	0.00000747	0.00734	0.00252	0.133	0.00995	0.00000604	25.2	0.0000493	0.000301	0.00041	0.00392
2098 Feb	3870	0.42	1.62	0.0467	152	0.092	209	0.000641	0.000641	0.00000747	0.00734	0.00252	0.133	0.00995	0.00000604	25.2	0.0000493	0.000301	0.00041	0.00392
2098 Mar	3870	0.42	1.62	0.0467	152	0.092	209	0.000641	0.000641	0.00000747	0.00734	0.00252	0.133	0.00995	0.00000604	25.2	0.0000493	0.000301	0.00041	0.00392
2098 Apr	3870	0.42	1.62	0.0467	152	0.0921	209	0.000641	0.000641	0.00000747	0.00734	0.00252	0.133	0.00996	0.00000604	25.2	0.0000493	0.000301	0.00041	0.00392
2098 May	3880	0.421	1.63	0.0467	152	0.0922	209	0.000641	0.000641	0.00000747	0.00735	0.00252	0.133	0.00996	0.00000604	25.2	0.0000493	0.000301	0.000411	0.00393
2098 Jun	3860	0.418	1.62	0.0465	151	0.0915	208	0.000631	0.000631	0.0000074	0.00729	0.00251	0.132	0.00986	0.00000598	25	0.000049	0.000299	0.000408	0.0039
2098 Jul	3890	0.422	1.63	0.0469	152	0.0923	210	0.000636	0.000636	0.00000746	0.00735	0.00253	0.134	0.00994	0.00000603	25.2	0.0000495	0.000302	0.000411	0.00394
2098 Aug	3910	0.424	1.64	0.0471	153	0.0926	211	0.000636	0.000636	0.00000748	0.00738	0.00254	0.134	0.00997	0.00000604	25.3	0.0000497	0.000303	0.000413	0.00395
2098 Sep	3900	0.423	1.64	0.047	153	0.0924	210	0.000632	0.000632	0.00000745	0.00736	0.00253	0.134	0.00993	0.00000602	25.3	0.0000496	0.000303	0.000412	0.00394
2098 Oct	3890	0.422	1.63	0.0469	152	0.0921	210	0.000629	0.000629	0.00000743	0.00733	0.00253	0.134	0.00989	0.00000599	25.2	0.0000494	0.000302	0.000411	0.00393
2098 Nov	3890	0.422	1.63	0.0468	152	0.092	210	0.000628	0.000628	0.00000742	0.00733	0.00253	0.134	0.00988	0.00000598	25.2	0.0000494	0.000301	0.00041	0.00393
2098 Dec	3890	0.422	1.63	0.0468	152	0.092	210	0.000628	0.000628	0.00000742	0.00733	0.00253	0.134	0.00988	0.00000598	25.2	0.0000494	0.000301	0.000411	0.00393
2099 Jan	3890	0.422	1.63	0.0468	152	0.092	210	0.000628	0.000628	0.00000742	0.00733	0.00253	0.134	0.00988	0.00000599	25.2	0.0000494	0.000301	0.000411	0.00393
2099 Feb	3890	0.422	1.63	0.0468	152	0.092	210	0.000628	0.000628	0.00000742	0.00733	0.00253	0.134	0.00988	0.00000599	25.2	0.0000494	0.000301	0.000411	0.00393
2099 Mar	3890	0.422	1.63	0.0469	152	0.092	210	0.000628	0.000628	0.00000742	0.00733	0.00253	0.134	0.00988	0.00000599	25.2	0.0000494	0.000302	0.000411	0.00393
2099 Apr	3890	0.422	1.63	0.0469	152	0.0922	210	0.000629	0.000629	0.00000743	0.00734	0.00253	0.134	0.00989	0.00000599	25.2	0.0000495	0.000302	0.000411	0.00393
2099 May	3890	0.422	1.63	0.0469	152	0.092	210	0.000625	0.000625	0.00000741	0.00732	0.00253	0.134	0.00986	0.00000597	25.1	0.0000494	0.000301	0.00041	0.00393
2099 Jun	3890	0.422	1.63	0.0468	152	0.0919	210	0.000622	0.000622	0.00000739	0.00731	0.00252	0.134	0.00983	0.00000595	25.1	0.0000494	0.000301	0.00041	0.00392
2099 Jul	3920	0.425	1.64	0.0472	153	0.0926	211	0.000626	0.000626	0.00000744	0.00737	0.00254	0.135	0.0099	0.000006	25.3	0.0000498	0.000303	0.000413	0.00395
2099 Aug	3950	0.428	1.66	0.0476	154	0.0932	213	0.000629	0.000629	0.00000749	0.00742	0.00256	0.136	0.00997	0.00000604	25.5	0.0000501	0.000306	0.000416	0.00398
2099 Sep	3950	0.428	1.66	0.0476	154	0.0932	213	0.000627	0.000627	0.00000748	0.00741	0.00256	0.136	0.00995	0.00000603	25.5	0.0000501	0.000306	0.000416	0.00398
2099 Oct	3940	0.428	1.65	0.0475	154	0.093	213	0.000625	0.000625	0.00000746	0.0074	0.00256	0.135	0.00993	0.00000601	25.4	0.00005	0.000305	0.000415	0.00397
2099 Nov	3940	0.427	1.65	0.0475	154	0.0929	212	0.000623	0.000623	0.00000745	0.00739	0.00256	0.135	0.00991	0.000006	25.4	0.00005	0.000305	0.000415	0.00397
2099 Dec	3940	0.427	1.65	0.0475	154	0.0929	212	0.000623	0.000623	0.00000745	0.00739	0.00256	0.135	0.00991	0.000006	25.4	0.00005	0.000305	0.000415	0.00397
2100 Jan	3940	0.427	1.65	0.0475	154	0.0929	212	0.000623	0.000623	0.00000745	0.00739	0.00256	0.135	0.00991	0.000006	25.4	0.00005	0.000305	0.000415	0.00397
2100 Feb	3940	0.427	1.65	0.0475	154	0.0929	212	0.000623	0.000623	0.00000745	0.00739	0.00256	0.135	0.00991	0.000006	25.4	0.00005	0.000305	0.000415	0.00397
2100 Mar	3940	0.427	1.65	0.0475	154	0.0929	212	0.000623	0.000623	0.00000745	0.00739	0.00256	0.135	0.00991	0.000006	25.4	0.00005	0.000305	0.000415	0.00397
2100 Apr	3940	0.428	1.65	0.0475	154	0.093	213	0.000624	0.000624	0.00000746	0.0074	0.00256	0.135	0.00992	0.00000601	25.4	0.00005	0.000305	0.000415	0.00397
2100 May	3950	0.428	1.66	0.0476	154	0.0931	213	0.000624	0.000624	0.00000747	0.00741	0.00256	0.136	0.00993	0.00000601	25.5	0.0000501	0.000305	0.000416	0.00398
2100 Jun	3930	0.426	1.65	0.0473	153	0.0925	212	0.000616	0.000616	0.00000741	0.00736	0.00255	0.135	0.00985	0.00000596	25.3	0.0000498	0.000304	0.000413	0.00396
2100 Jul	3940	0.428	1.65	0.0475	154	0.0929	213	0.000617	0.000617	0.00000743	0.00738	0.00256	0.135	0.00987	0.00000597	25.4	0.00005	0.000305	0.000415	0.00397
2100 Aug	3950	0.429	1.66	0.0476	154	0.093	213	0.000615	0.000615	0.00000743	0.00739	0.00256	0.136	0.00988	0.00000597	25.4	0.0000501	0.000305	0.000416	0.00398
2100 Sep	3960	0.429	1.66	0.0477	154	0.0931	213	0.000615	0.000615	0.00000743	0.0074	0.00257	0.136	0.00988	0.00000597	25.5	0.0000502	0.000306	0.000416	0.00398
2100 Oct	3960	0.43	1.66	0.0477	154	0.0932	214	0.000615	0.000615	0.00000744	0.0074	0.00257	0.136	0.00989	0.00000598	25.5	0.0000502	0.000306	0.000417	0.00399
2100 Nov	3960	0.43	1.66	0.0478	154	0.0932	214	0.000615	0.000615	0.00000744	0.0074	0.00257	0.136	0.00989	0.00000598	25.5	0.0000503	0.000306	0.000417	0.00399
2100 Dec	3970	0.43	1.66	0.0478	154	0.0932	214	0.000615	0.000615	0.00000744	0.00741	0.00257	0.136	0.00989	0.00000598	25.5	0.0000503	0.000306	0.000417	0.00399
2101 Jan	3970	0.43	1.66	0.0478	154	0.0932	214	0.000615	0.000615	0.00000744	0.00741	0.00257	0.136	0.00989	0.00000598	25.5	0.0000503	0.000306	0.000417	0.00399
2101 Feb	3970	0.43	1.66	0.0478	154	0.0932	214	0.000615	0.000615	0.00000744	0.00741	0.00257	0.136	0.00989	0.00000598	25.5	0.0000503	0.000306	0.000417	0.00399
2101 Mar	3970	0.43	1.66	0.0478	154	0.0932	214	0.000615	0.000615	0.00000744	0.00741	0.00257	0.136	0.00989	0.00000598	25.5	0.0000503	0.000306	0.000417	0.00399
2101 Apr	3970	0.43	1.66	0.0478	154	0.0933	214	0.000615	0.000615	0.00000745	0.00741	0.00257	0.136	0.00989	0.00000598	25.5	0.0000503	0.000306	0.000417	0.00399
2101 May	3970	0.431	1.67	0.0479	155	0.0934	214	0.000615	0.000615	0.00000745	0.00742	0.00258	0.136	0.0099	0.00000599	25.5	0.0000504	0.000307	0.000418	0.00399
2101 Jun	3970	0.43	1.66	0.0478	154	0.0931	214	0.000611	0.000611	0.00000742	0.00739	0.00257	0.136	0.00986	0.00000596	25.5	0.0000502	0.000306	0.000416	0.00398
2101 Jul	4000	0.434	1.68	0.0482	155	0.0939	215	0.000615	0.000615	0.00000748	0.00745	0.00259	0.137	0.00993	0.000006	25.7	0.0000507	0.000308	0.00042	0.00402
2101 Aug	4030	0.437	1.69	0.0485	157	0.0946	217	0.000619	0.000619	0.00000753	0.00751	0.00261	0.138	0.01	0.00000605	25.9	0.0000511	0.000311	0.000423	0.00405

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	4030	0.438	1.69	0.0486	157	0.0946	217	0.000618	0.000618	0.00000753	0.00751	0.00261	0.139	0.01	0.00000604	25.9	0.0000511	0.000311	0.000423	0.00405
2101 Oct	4040	0.438	1.69	0.0486	157	0.0946	217	0.000617	0.000617	0.00000753	0.00751	0.00261	0.139	0.01	0.00000604	25.9	0.0000511	0.000311	0.000424	0.00405
2101 Nov	4030	0.437	1.69	0.0485	156	0.0945	217	0.000616	0.000616	0.00000752	0.0075	0.00261	0.138	0.00998	0.00000603	25.9	0.000051	0.000311	0.000423	0.00405
2101 Dec	4030	0.437	1.69	0.0485	156	0.0945	217	0.000615	0.000615	0.00000751	0.0075	0.00261	0.138	0.00998	0.00000603	25.8	0.000051	0.000311	0.000423	0.00405
2102 Jan	4030	0.437	1.69	0.0485	156	0.0945	217	0.000615	0.000615	0.00000751	0.0075	0.00261	0.138	0.00998	0.00000603	25.8	0.000051	0.000311	0.000423	0.00405
2102 Feb	4030	0.437	1.69	0.0485	156	0.0945	217	0.000615	0.000615	0.00000751	0.0075	0.00261	0.138	0.00998	0.00000603	25.8	0.000051	0.000311	0.000423	0.00405
2102 Mar	4030	0.437	1.69	0.0485	156	0.0945	217	0.000616	0.000616	0.00000751	0.0075	0.00261	0.138	0.00998	0.00000603	25.9	0.000051	0.000311	0.000423	0.00405
2102 Apr	4030	0.437	1.69	0.0486	157	0.0945	217	0.000616	0.000616	0.00000752	0.0075	0.00261	0.138	0.00999	0.00000603	25.9	0.0000511	0.000311	0.000423	0.00405
2102 May	4040	0.438	1.69	0.0487	157	0.0947	218	0.000617	0.000617	0.00000753	0.00752	0.00262	0.139	0.01	0.00000604	25.9	0.0000512	0.000311	0.000424	0.00406
2102 Jun	4030	0.437	1.69	0.0485	156	0.0943	217	0.000611	0.000611	0.00000749	0.00748	0.00261	0.138	0.00994	0.000006	25.8	0.000051	0.00031	0.000422	0.00404
2102 Jul	4030	0.438	1.69	0.0486	156	0.0944	217	0.00061	0.00061	0.00000749	0.00749	0.00261	0.138	0.00994	0.000006	25.8	0.0000511	0.000311	0.000423	0.00405
2102 Aug	4060	0.44	1.7	0.0489	157	0.0949	219	0.000612	0.000612	0.00000753	0.00753	0.00263	0.139	0.00999	0.00000603	26	0.0000513	0.000312	0.000425	0.00407
2102 Sep	4070	0.441	1.71	0.049	158	0.0951	219	0.000612	0.000612	0.00000753	0.00754	0.00263	0.14	0.01	0.00000603	26	0.0000514	0.000313	0.000426	0.00407
2102 Oct	4050	0.44	1.7	0.0488	157	0.0948	218	0.000608	0.000608	0.0000075	0.00751	0.00262	0.139	0.00996	0.00000601	25.9	0.0000513	0.000312	0.000424	0.00406
2102 Nov	4050	0.44	1.7	0.0488	157	0.0948	218	0.000608	0.000608	0.0000075	0.00751	0.00262	0.139	0.00996	0.00000601	25.9	0.0000513	0.000312	0.000424	0.00406
2102 Dec	4050	0.44	1.7	0.0488	157	0.0948	218	0.000608	0.000608	0.0000075	0.00752	0.00262	0.139	0.00996	0.00000601	25.9	0.0000513	0.000312	0.000425	0.00406
2103 Jan	4050	0.44	1.7	0.0488	157	0.0948	218	0.000608	0.000608	0.0000075	0.00752	0.00262	0.139	0.00996	0.00000601	25.9	0.0000513	0.000312	0.000425	0.00406
2103 Feb	4050	0.44	1.7	0.0488	157	0.0948	218	0.000608	0.000608	0.0000075	0.00752	0.00262	0.139	0.00996	0.00000601	25.9	0.0000513	0.000312	0.000425	0.00406
2103 Mar	4050	0.44	1.7	0.0488	157	0.0948	218	0.000608	0.000608	0.0000075	0.00752	0.00262	0.139	0.00996	0.00000601	25.9	0.0000513	0.000312	0.000425	0.00406
2103 Apr	4060	0.44	1.7	0.0489	157	0.0948	219	0.000608	0.000608	0.00000751	0.00752	0.00263	0.139	0.00996	0.00000601	26	0.0000513	0.000312	0.000425	0.00406
2103 May	4060	0.441	1.7	0.0489	157	0.095	219	0.000609	0.000609	0.00000752	0.00753	0.00263	0.139	0.00998	0.00000602	26	0.0000514	0.000313	0.000426	0.00407
2103 Jun	4050	0.439	1.7	0.0488	157	0.0945	218	0.000603	0.000603	0.00000747	0.00749	0.00262	0.139	0.00991	0.00000598	25.9	0.0000512	0.000311	0.000424	0.00405
2103 Jul	4070	0.441	1.71	0.049	157	0.095	219	0.000604	0.000604	0.0000075	0.00753	0.00263	0.14	0.00995	0.000006	26	0.0000515	0.000313	0.000426	0.00407
2103 Aug	4080	0.443	1.71	0.0492	158	0.0952	220	0.000603	0.000603	0.00000751	0.00755	0.00264	0.14	0.00997	0.00000601	26.1	0.0000516	0.000314	0.000427	0.00408
2103 Sep	4080	0.442	1.71	0.0491	158	0.0951	220	0.000601	0.000601	0.0000075	0.00754	0.00264	0.14	0.00994	0.00000599	26	0.0000516	0.000313	0.000426	0.00408
2103 Oct	4070	0.441	1.71	0.049	157	0.0947	219	0.000597	0.000597	0.00000746	0.0075	0.00263	0.14	0.00989	0.00000596	25.9	0.0000514	0.000312	0.000425	0.00406
2103 Nov	4060	0.441	1.7	0.0489	157	0.0946	219	0.000596	0.000596	0.00000745	0.0075	0.00263	0.139	0.00988	0.00000596	25.9	0.0000514	0.000312	0.000425	0.00406
2103 Dec	4060	0.441	1.7	0.0489	157	0.0947	219	0.000596	0.000596	0.00000745	0.0075	0.00263	0.139	0.00988	0.00000596	25.9	0.0000514	0.000312	0.000425	0.00406
2104 Jan	4060	0.441	1.7	0.0489	157	0.0947	219	0.000596	0.000596	0.00000745	0.0075	0.00263	0.139	0.00988	0.00000596	25.9	0.0000514	0.000312	0.000425	0.00406
2104 Feb	4060	0.441	1.7	0.0489	157	0.0947	219	0.000596	0.000596	0.00000745	0.0075	0.00263	0.139	0.00988	0.00000596	25.9	0.0000514	0.000312	0.000425	0.00406
2104 Mar	4060	0.441	1.71	0.0489	157	0.0947	219	0.000596	0.000596	0.00000746	0.0075	0.00263	0.139	0.00988	0.00000596	25.9	0.0000514	0.000312	0.000425	0.00406
2104 Apr	4070	0.441	1.71	0.049	157	0.0948	219	0.000596	0.000596	0.00000746	0.00751	0.00263	0.14	0.00989	0.00000596	25.9	0.0000514	0.000312	0.000425	0.00407
2104 May	4070	0.442	1.71	0.0491	157	0.0949	220	0.000597	0.000597	0.00000747	0.00752	0.00263	0.14	0.0099	0.00000597	26	0.0000515	0.000313	0.000426	0.00407
2104 Jun	4060	0.44	1.7	0.0489	157	0.0944	219	0.00059	0.00059	0.00000742	0.00748	0.00262	0.139	0.00984	0.00000593	25.9	0.0000513	0.000311	0.000424	0.00405
2104 Jul	4090	0.443	1.71	0.0492	158	0.095	220	0.000593	0.000593	0.00000746	0.00752	0.00264	0.14	0.00989	0.00000596	26	0.0000516	0.000313	0.000426	0.00408
2104 Aug	4100	0.445	1.72	0.0494	158	0.0954	221	0.000594	0.000594	0.00000749	0.00755	0.00265	0.141	0.00992	0.00000598	26.1	0.0000518	0.000314	0.000428	0.0041
2104 Sep	4100	0.445	1.72	0.0494	158	0.0953	221	0.000592	0.000592	0.00000748	0.00754	0.00265	0.141	0.00991	0.00000596	26.1	0.0000518	0.000314	0.000428	0.00409
2104 Oct	4100	0.444	1.72	0.0493	158	0.0951	221	0.000589	0.000589	0.00000746	0.00753	0.00265	0.141	0.00988	0.00000595	26	0.0000517	0.000314	0.000427	0.00409
2104 Nov	4100	0.444	1.72	0.0493	158	0.0951	221	0.000589	0.000589	0.00000745	0.00752	0.00264	0.14	0.00988	0.00000594	26	0.0000517	0.000314	0.000427	0.00408
2104 Dec	4100	0.444	1.72	0.0493	158	0.0951	221	0.000589	0.000589	0.00000746	0.00753	0.00264	0.14	0.00988	0.00000594	26	0.0000517	0.000314	0.000427	0.00408
2105 Jan	4100	0.444	1.72	0.0493	158	0.0951	221	0.000589	0.000589	0.00000746	0.00753	0.00264	0.14	0.00988	0.00000594	26	0.0000517	0.000314	0.000427	0.00408
2105 Feb	4100	0.444	1.72	0.0493	158	0.0951	221	0.000589	0.000589	0.00000746	0.00753	0.00264	0.14	0.00988	0.00000594	26	0.0000517	0.000314	0.000427	0.00408
2105 Mar	4100	0.444	1.72	0.0493	158	0.0951	221	0.000589	0.000589	0.00000746	0.00753	0.00264	0.141	0.00988	0.00000595	26	0.0000517	0.000314	0.000427	0.00408
2105 Apr	4100	0.444	1.72	0.0493	158	0.0952	221	0.000589	0.000589	0.00000746	0.00753	0.00265	0.141	0.00988	0.00000595	26.1	0.0000517	0.000314	0.000427	0.00409
2105 May	4100	0.445	1.72	0.0494	158	0.0953	221	0.000589	0.000589	0.00000746	0.00754	0.00265	0.141	0.00989	0.00000595	26.1	0.0000518	0.000314	0.000428	0.00409
2105 Jun	4110	0.445	1.72	0.0494	158	0.0953	221	0.000588	0.000588	0.00000746	0.00754	0.00265	0.141	0.00988	0.00000595	26.1	0.0000518	0.000314	0.000428	0.00409
2105 Jul	4130	0.448	1.73	0.0498	159	0.0958	223	0.00059	0.00059	0.0000075	0.00758	0.00267	0.142	0.00993	0.00000598	26.2	0.0000522	0.000316	0.000431	0.00412
2105 Aug	4140	0.449	1.74	0.0498	159	0.0959	223	0.000588	0.000588	0.0000075	0.00758	0.00267	0.142	0.00992	0.00000597	26.3	0.0000522	0.000316	0.000431	0.00412
2105 Sep	4130	0.448	1.73	0.0497	159	0.0957	223	0.000585	0.000585	0.00000748	0.00757	0.00267	0.142	0.0099	0.00000595	26.2	0.0000521	0.000316	0.00043	0.00411
2105 Oct	4120	0.447	1.73	0.0496	159	0.0955	222	0.000582	0.000582	0.00000745	0.00755	0.00266	0.141	0.00986	0.00000593	26.1	0.000052	0.000315	0.000429	0.0041
2105 Nov	4120	0.447	1.73	0.0496	158	0.0954	222	0.000581	0.000581	0.00000744	0.00754	0.00266	0.141	0.00985	0.00000592	26.1	0.000052	0.000315	0.000429	0.0041
2105 Dec	4120	0.447	1.73	0.0496	158	0.0954	222	0.000581	0.000581	0.00000744	0.00754	0.00266	0.141	0.00985	0.00000592	26.1	0.000052	0.000315	0.000429	0.0041
2106 Jan	4120	0.447	1.73	0.0496	158	0.0954	222	0.000581	0.000581	0.00000744	0.00754	0.00266	0.141	0.00985	0.00000592	26.1	0.000052	0.000315	0.000429	0.0041
2106 Feb	4120	0.447	1.73	0.0496	158	0.0954	222	0.000581	0.000581	0.00000744	0.00754	0.00266	0.141	0.00985	0.00000592	26.1	0.000052	0.000315	0.000429	0.0041
2106 Mar	4120	0.447	1.73	0.0496	158	0.0954	222	0.000581	0.000581	0.00000744	0.00754	0.00266	0.141	0.00985	0.00000592	26.1	0.000052	0.000315	0.000429	0.0041
2106 Apr	4120	0.447	1.73	0.0496	159	0.0954	222	0.000581	0.000581	0.00000745	0.00754	0.00266	0.141	0.00986	0.00000593	26.1	0.000052	0.000315	0.000429	0.0041
2106 May	4130	0.448	1.73	0.0497	159	0.0956	223	0.000582	0.000582	0.00000746	0.00756	0.00267	0.142	0.00988	0.00000594	26.2	0.0000521	0.000316	0.00043	0.00411
2106 Jun	4120	0.446	1.73	0.0495	158	0.0952	222	0.000576	0.000576	0.00000741	0.00752	0.00265	0.141	0.00981	0.0000059	26.1	0.0000519	0.000314	0.000428	0.00409
2106 Jul	4140	0.449	1.74	0.0499	159	0.0957	223	0.000578	0.000578	0.00000745	0.00756	0.00267	0.142	0.00986	0.00000592	26.2	0.0000522	0.000316	0.00043	0.00412
2106 Aug	4150	0.45	1.74	0.05	159	0.0959	224	0.000577	0.000577	0.00000746	0.00758	0.00268	0.142	0.00987	0.00000593	26.3	0.0000523	0.000317	0.000431	0.00413
2106 Sep	4150	0.45	1.74	0.0499	159	0.0958	224	0.000574	0.000574	0.00000744	0.00756	0.00267	0.142	0.00984	0.00000591	26.2	0.0000523	0.000317	0.000431	0.00412
2106 Oct	4150	0.45	1.74	0.0499	159	0.0958	224	0.000573	0.000573	0.00000744	0.00756	0.00267	0.142	0.00984	0.00000591	26.2	0.0000523	0.000317	0.000431	0.00412
2106 Nov	4150	0.45	1.74	0.05	159	0.0958	224	0.000574	0.000574	0.00000744	0.00756	0.00268	0.142	0.00984	0.00000591	26.2	0.0000523	0.000317	0.000431	0.00412
2106 Dec	4150	0.45	1.74	0.05	159	0.0958	224	0.000574	0.000574	0.00000744	0.00757	0.00268	0.142	0.00984	0.00000591	26.2	0.0000523	0.000317	0.000431	0.00412
2107 Jan	4150	0.45	1.74	0.05	159	0.0958	224	0.000574	0.000574	0.00000744	0.00757	0.00268	0.142	0.00984	0.00000591	26.2	0.0000523	0.000317	0.000431	0.00412
2107 Feb	4150	0.45	1.74	0.05	159	0.0958	224	0.000574	0.000574	0.00000744	0.00757	0.00268	0.142	0.00984	0.00000591	26.2	0.0000523	0.000317	0.000431	0.00412
2107 Mar	4150	0.45	1.74	0.05	159	0.0958	224	0.000574	0.000574	0.00000744	0.00757	0.00268	0.142	0.00984	0.00000591	26.2	0.0000523	0.000317	0.000431	0.00412
2107 Apr	4150	0.45	1.74	0.05	159	0.0959	224	0.000574	0.000574	0.00000745	0.00757	0.00268	0.142	0.00985	0.00000591	26.3	0.0000523	0.000317	0.000431	0.00413
2107 May	4160	0.451	1.74	0.05	159	0.0959	224	0.000574	0.000574	0.00000745	0.00757	0.00268	0.143	0.00985	0.00000591	26.3	0.0000524	0.000317	0.000431	0.00413
2107 Jun	4160	0.45	1.74	0.05	159	0.0958	224	0.000571	0.000571	0.00000743	0.00756	0.00268	0.142	0.00983	0.0000059	26.2	0.0000523	0.000317	0.000431	0.00412
2107 Jul	4170	0.453	1.75	0.0502	160	0.0962	225	0.000572	0.000572	0.00000746	0.00759	0.00269	0.143	0.00986	0.00000592	26.4	0.0000526	0.000318	0.000433	0.00414
2107 Aug	4200	0.455	1.76	0.0505	161	0.0967	226	0.000574	0.000574	0.0000075	0.00764	0.0027	0.144	0.00991	0.00000595	26.5	0.0000529	0.00032	0.000435	0.00417
2107 Sep	4210	0.456	1.77	0.0506	161	0.0969	227	0.000574	0.000574	0.00000751	0.00765	0.00271	0.144	0.00992	0.00000595	26.5	0.000053	0.000321	0.000436	0.00417
2107 Oct	4210	0.456	1.76	0.0506	161	0.0968	227	0.000573	0.000573	0.0000075	0.00764	0.00271	0.144	0.00991	0.00000595	26.5	0.0000529	0.00032	0.000436	0.00417
2107 Nov	4200	0.456	1.76	0.0506	161	0.0968	226	0.000573	0.000573	0.0000075	0.00764	0.00271	0.144	0.00991	0.00000594	26.5	0.0000529	0.00032	0.000436	0.00417
2107 Dec	4210	0.456	1.76	0.0506	161	0.0968	226	0.000573	0.000573	0.0000075	0.00764	0.00271	0.144	0.00991	0.00000594	26.5	0.0000529	0.00032	0.000436	0.00417
2108 Jan	4210	0.456	1.76	0.0506	161	0.0968	226	0.000573	0.000573	0.0000075	0.00764	0.00271	0.144	0.00991	0.00000594	26.5	0.0000529	0.00032	0.000436	0.00417

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	4210	0.456	1.76	0.0506	161	0.0968	226	0.000573	0.000573	0.0000075	0.00764	0.00271	0.144	0.00991	0.00000594	26.5	0.0000529	0.00032	0.000436	0.00417
2108 Mar	4210	0.456	1.76	0.0506	161	0.0968	227	0.000573	0.000573	0.0000075	0.00764	0.00271	0.144	0.00991	0.00000595	26.5	0.0000529	0.00032	0.000436	0.00417
2108 Apr	4210	0.457	1.77	0.0507	161	0.097	227	0.000574	0.000574	0.00000751	0.00765	0.00271	0.144	0.00992	0.00000595	26.6	0.000053	0.000321	0.000437	0.00418
2108 May	4220	0.458	1.77	0.0508	162	0.0972	227	0.000575	0.000575	0.00000753	0.00767	0.00272	0.145	0.00995	0.00000597	26.6	0.0000532	0.000322	0.000438	0.00419
2108 Jun	4220	0.458	1.77	0.0508	162	0.0972	227	0.000573	0.000573	0.00000752	0.00767	0.00272	0.145	0.00993	0.00000596	26.6	0.0000531	0.000322	0.000438	0.00419
2108 Jul	4260	0.461	1.79	0.0512	163	0.0979	229	0.000576	0.000576	0.00000757	0.00772	0.00274	0.146	0.01	0.000006	26.8	0.0000536	0.000324	0.000441	0.00422
2108 Aug	4290	0.465	1.8	0.0516	164	0.0987	231	0.00058	0.00058	0.00000763	0.00779	0.00276	0.147	0.0101	0.00000605	27	0.000054	0.000327	0.000445	0.00425
2108 Sep	4300	0.466	1.8	0.0517	165	0.0989	232	0.00058	0.00058	0.00000764	0.0078	0.00277	0.147	0.0101	0.00000605	27.1	0.0000541	0.000327	0.000445	0.00426
2108 Oct	4280	0.464	1.8	0.0515	164	0.0984	231	0.000576	0.000576	0.0000076	0.00776	0.00276	0.147	0.01	0.00000602	27	0.0000539	0.000326	0.000444	0.00424
2108 Nov	4280	0.464	1.8	0.0515	164	0.0984	231	0.000576	0.000576	0.0000076	0.00776	0.00276	0.147	0.01	0.00000602	27	0.0000539	0.000326	0.000443	0.00424
2108 Dec	4280	0.464	1.8	0.0515	164	0.0984	231	0.000576	0.000576	0.0000076	0.00776	0.00276	0.147	0.01	0.00000602	27	0.0000539	0.000326	0.000443	0.00424
2109 Jan	4280	0.464	1.8	0.0515	164	0.0984	231	0.000576	0.000576	0.0000076	0.00776	0.00276	0.147	0.01	0.00000602	27	0.0000539	0.000326	0.000443	0.00424
2109 Feb	4280	0.464	1.8	0.0515	164	0.0984	231	0.000576	0.000576	0.0000076	0.00776	0.00276	0.147	0.01	0.00000602	27	0.0000539	0.000326	0.000443	0.00424
2109 Mar	4280	0.464	1.8	0.0515	164	0.0984	231	0.000576	0.000576	0.0000076	0.00776	0.00276	0.147	0.01	0.00000602	27	0.0000539	0.000326	0.000444	0.00424
2109 Apr	4290	0.465	1.8	0.0516	164	0.0985	231	0.000576	0.000576	0.0000076	0.00777	0.00276	0.147	0.01	0.00000602	27	0.0000539	0.000326	0.000444	0.00425
2109 May	4290	0.465	1.8	0.0517	164	0.0986	231	0.000576	0.000576	0.00000761	0.00778	0.00276	0.147	0.0101	0.00000603	27	0.000054	0.000327	0.000445	0.00425
2109 Jun	4300	0.466	1.81	0.0518	164	0.0988	232	0.000576	0.000576	0.00000762	0.00779	0.00277	0.147	0.0101	0.00000603	27.1	0.0000541	0.000327	0.000445	0.00426
2109 Jul	4330	0.469	1.81	0.052	165	0.0993	233	0.000577	0.000577	0.00000765	0.00783	0.00278	0.148	0.0101	0.00000605	27.2	0.0000544	0.000329	0.000447	0.00428
2109 Aug	4350	0.471	1.82	0.0523	166	0.0998	234	0.000579	0.000579	0.00000768	0.00787	0.0028	0.149	0.0101	0.00000608	27.3	0.0000547	0.000331	0.00045	0.0043
2109 Sep	4350	0.472	1.83	0.0523	166	0.0998	234	0.000577	0.000577	0.00000768	0.00786	0.0028	0.149	0.0101	0.00000607	27.3	0.0000547	0.000331	0.00045	0.0043
2109 Oct	4340	0.47	1.82	0.0522	166	0.0994	233	0.000573	0.000573	0.00000764	0.00783	0.00279	0.149	0.0101	0.00000604	27.2	0.0000545	0.000329	0.000448	0.00429
2109 Nov	4340	0.47	1.82	0.0522	166	0.0994	234	0.000573	0.000573	0.00000764	0.00783	0.00279	0.149	0.0101	0.00000604	27.2	0.0000545	0.000329	0.000448	0.00429
2109 Dec	4340	0.47	1.82	0.0522	166	0.0994	234	0.000573	0.000573	0.00000764	0.00783	0.00279	0.149	0.0101	0.00000604	27.2	0.0000545	0.000329	0.000448	0.00429
2110 Jan	4340	0.47	1.82	0.0522	166	0.0994	234	0.000574	0.000574	0.00000765	0.00783	0.00279	0.149	0.0101	0.00000605	27.2	0.0000545	0.000329	0.000448	0.00429
2110 Feb	4340	0.47	1.82	0.0522	166	0.0994	234	0.000574	0.000574	0.00000765	0.00783	0.00279	0.149	0.0101	0.00000605	27.2	0.0000545	0.000329	0.000448	0.00429
2110 Mar	4340	0.47	1.82	0.0522	166	0.0994	234	0.000574	0.000574	0.00000765	0.00784	0.00279	0.149	0.0101	0.00000605	27.2	0.0000545	0.000329	0.000448	0.00429
2110 Apr	4340	0.47	1.82	0.0522	166	0.0995	234	0.000574	0.000574	0.00000765	0.00784	0.00279	0.149	0.0101	0.00000605	27.3	0.0000546	0.00033	0.000449	0.00429
2110 May	4350	0.471	1.82	0.0523	166	0.0996	234	0.000575	0.000575	0.00000766	0.00785	0.0028	0.149	0.0101	0.00000606	27.3	0.0000546	0.00033	0.000449	0.0043
2110 Jun	4330	0.469	1.82	0.0521	165	0.0991	233	0.000569	0.000569	0.00000761	0.00781	0.00278	0.148	0.01	0.00000601	27.2	0.0000544	0.000329	0.000447	0.00428
2110 Jul	4350	0.472	1.83	0.0524	166	0.0996	234	0.00057	0.00057	0.00000765	0.00785	0.0028	0.149	0.0101	0.00000604	27.3	0.0000547	0.00033	0.000449	0.0043
2110 Aug	4340	0.471	1.82	0.0522	165	0.0993	234	0.000565	0.000565	0.00000761	0.00782	0.00279	0.149	0.01	0.00000601	27.2	0.0000545	0.000329	0.000448	0.00429
2110 Sep	4320	0.468	1.81	0.052	165	0.0988	233	0.00056	0.00056	0.00000756	0.00777	0.00278	0.148	0.00997	0.00000596	27.1	0.0000543	0.000328	0.000446	0.00426
2110 Oct	4300	0.466	1.81	0.0518	164	0.0983	232	0.000555	0.000555	0.00000752	0.00774	0.00277	0.147	0.00991	0.00000593	26.9	0.000054	0.000326	0.000444	0.00425
2110 Nov	4300	0.466	1.8	0.0517	164	0.0982	231	0.000554	0.000554	0.00000751	0.00773	0.00276	0.147	0.0099	0.00000592	26.9	0.000054	0.000326	0.000443	0.00424
2110 Dec	4300	0.466	1.8	0.0517	164	0.0982	232	0.000554	0.000554	0.00000751	0.00773	0.00276	0.147	0.0099	0.00000592	26.9	0.000054	0.000326	0.000443	0.00424
2111 Jan	4300	0.466	1.8	0.0517	164	0.0982	232	0.000554	0.000554	0.00000751	0.00773	0.00276	0.147	0.0099	0.00000592	26.9	0.000054	0.000326	0.000443	0.00424
2111 Feb	4300	0.466	1.8	0.0517	164	0.0982	232	0.000554	0.000554	0.00000751	0.00773	0.00276	0.147	0.0099	0.00000592	26.9	0.000054	0.000326	0.000443	0.00424
2111 Mar	4300	0.466	1.8	0.0517	164	0.0982	232	0.000554	0.000554	0.00000751	0.00773	0.00276	0.147	0.0099	0.00000592	26.9	0.000054	0.000326	0.000443	0.00424
2111 Apr	4300	0.467	1.81	0.0518	164	0.0983	232	0.000555	0.000555	0.00000752	0.00774	0.00277	0.147	0.00991	0.00000593	26.9	0.000054	0.000326	0.000444	0.00425
2111 May	4310	0.468	1.81	0.0519	164	0.0985	232	0.000556	0.000556	0.00000753	0.00775	0.00277	0.148	0.00993	0.00000594	27	0.0000541	0.000327	0.000445	0.00425
2111 Jun	4310	0.467	1.81	0.0518	164	0.0982	232	0.000552	0.000552	0.0000075	0.00773	0.00277	0.147	0.00989	0.00000591	26.9	0.000054	0.000326	0.000444	0.00424
2111 Jul	4340	0.471	1.82	0.0522	165	0.0991	234	0.000556	0.000556	0.00000756	0.00779	0.00279	0.149	0.00997	0.00000596	27.2	0.0000545	0.000329	0.000447	0.00428
2111 Aug	4350	0.471	1.82	0.0523	165	0.0991	234	0.000554	0.000554	0.00000756	0.00779	0.00279	0.149	0.00996	0.00000596	27.2	0.0000545	0.000329	0.000448	0.00428
2111 Sep	4350	0.471	1.82	0.0523	165	0.0991	234	0.000553	0.000553	0.00000756	0.0078	0.00279	0.149	0.00996	0.00000595	27.2	0.0000546	0.000329	0.000448	0.00428
2111 Oct	4340	0.47	1.82	0.0522	165	0.0988	234	0.00055	0.00055	0.00000753	0.00777	0.00278	0.149	0.00992	0.00000593	27.1	0.0000544	0.000328	0.000447	0.00427
2111 Nov	4330	0.469	1.82	0.0521	164	0.0986	233	0.000548	0.000548	0.00000751	0.00775	0.00278	0.148	0.00989	0.00000591	27	0.0000543	0.000327	0.000446	0.00426
2111 Dec	4330	0.469	1.82	0.0521	165	0.0986	233	0.000548	0.000548	0.00000751	0.00775	0.00278	0.148	0.00989	0.00000591	27	0.0000543	0.000327	0.000446	0.00426
2112 Jan	4330	0.469	1.82	0.0521	165	0.0986	233	0.000548	0.000548	0.00000751	0.00775	0.00278	0.148	0.00989	0.00000591	27	0.0000543	0.000327	0.000446	0.00426
2112 Feb	4330	0.469	1.82	0.0521	165	0.0986	233	0.000548	0.000548	0.00000751	0.00775	0.00278	0.148	0.00989	0.00000591	27	0.0000543	0.000327	0.000446	0.00426
2112 Mar	4330	0.469	1.82	0.0521	165	0.0986	233	0.000548	0.000548	0.00000751	0.00776	0.00278	0.148	0.0099	0.00000591	27	0.0000543	0.000328	0.000446	0.00426
2112 Apr	4330	0.47	1.82	0.0521	165	0.0987	233	0.000549	0.000549	0.00000752	0.00776	0.00278	0.148	0.00991	0.00000592	27.1	0.0000544	0.000328	0.000446	0.00427
2112 May	4340	0.47	1.82	0.0522	165	0.0989	234	0.000549	0.000549	0.00000753	0.00777	0.00279	0.149	0.00992	0.00000593	27.1	0.0000544	0.000328	0.000447	0.00427
2112 Jun	4310	0.467	1.81	0.0518	163	0.098	232	0.00054	0.00054	0.00000744	0.0077	0.00276	0.147	0.0098	0.00000586	26.9	0.000054	0.000325	0.000443	0.00424
2112 Jul	4330	0.469	1.82	0.052	164	0.0984	233	0.000541	0.000541	0.00000747	0.00773	0.00278	0.148	0.00984	0.00000588	27	0.0000542	0.000327	0.000445	0.00425
2112 Aug	4350	0.472	1.83	0.0523	165	0.0989	234	0.000543	0.000543	0.00000751	0.00777	0.00279	0.149	0.00989	0.0000059	27.1	0.0000545	0.000329	0.000447	0.00428
2112 Sep	4360	0.472	1.83	0.0524	165	0.099	235	0.000543	0.000543	0.00000751	0.00778	0.00279	0.149	0.00989	0.00000591	27.1	0.0000546	0.000329	0.000448	0.00428
2112 Oct	4360	0.472	1.83	0.0524	165	0.099	234	0.000542	0.000542	0.00000751	0.00777	0.00279	0.149	0.00988	0.0000059	27.1	0.0000546	0.000329	0.000448	0.00428
2112 Nov	4360	0.472	1.83	0.0524	165	0.099	235	0.000542	0.000542	0.00000751	0.00778	0.00279	0.149	0.00988	0.0000059	27.1	0.0000546	0.000329	0.000448	0.00428
2112 Dec	4360	0.472	1.83	0.0524	165	0.099	235	0.000542	0.000542	0.00000751	0.00778	0.00279	0.149	0.00989	0.0000059	27.1	0.0000546	0.000329	0.000448	0.00428
2113 Jan	4360	0.472	1.83	0.0524	165	0.099	235	0.000542	0.000542	0.00000751	0.00778	0.00279	0.149	0.00989	0.0000059	27.1	0.0000546	0.000329	0.000448	0.00428
2113 Feb	4360	0.472	1.83	0.0524	165	0.099	235	0.000542	0.000542	0.00000751	0.00778	0.00279	0.149	0.00989	0.0000059	27.1	0.0000546	0.000329	0.000448	0.00428
2113 Mar	4360	0.472	1.83	0.0524	165	0.099	235	0.000542	0.000542	0.00000751	0.00778	0.0028	0.149	0.00989	0.0000059	27.2	0.0000546	0.000329	0.000448	0.00428
2113 Apr	4360	0.473	1.83	0.0525	165	0.0991	235	0.000543	0.000543	0.00000752	0.00779	0.0028	0.149	0.0099	0.00000591	27.2	0.0000547	0.000329	0.000448	0.00429
2113 May	4370	0.474	1.83	0.0525	166	0.0993	235	0.000543	0.000543	0.00000753	0.0078	0.0028	0.15	0.00991	0.00000592	27.2	0.0000548	0.00033	0.000449	0.0043
2113 Jun	4360	0.473	1.83	0.0525	165	0.099	235	0.000539	0.000539	0.0000075	0.00778	0.0028	0.149	0.00988	0.00000589	27.2	0.0000547	0.000329	0.000448	0.00429
2113 Jul	4390	0.476	1.84	0.0528	166	0.0997	236	0.000542	0.000542	0.00000755	0.00783	0.00282	0.15	0.00993	0.00000593	27.3	0.000055	0.000331	0.000451	0.00431
2113 Aug	4420	0.478	1.85	0.0531	167	0.1	238	0.000544	0.000544	0.00000758	0.00787	0.00283	0.151	0.00998	0.00000595	27.5	0.0000553	0.000333	0.000453	0.00434
2113 Sep	4420	0.479	1.85	0.0531	167	0.1	238	0.000542	0.000542	0.00000758	0.00786	0.00283	0.151	0.00997	0.00000595	27.5	0.0000553	0.000333	0.000453	0.00434
2113 Oct	4390	0.476	1.84	0.0528	166	0.0995	236	0.000537	0.000537	0.00000752	0.00781	0.00281	0.15	0.0099	0.0000059	27.3	0.000055	0.000331	0.000451	0.00431
2113 Nov	4390	0.476	1.84	0.0528	166	0.0995	236	0.000536	0.000536	0.00000752	0.00781	0.00281	0.15	0.00989	0.0000059	27.3	0.0000549	0.000331	0.00045	0.00431
2113 Dec	4390	0.476	1.84	0.0528	166	0.0995	236	0.000536	0.000536	0.00000752	0.00781	0.00281	0.15	0.00989	0.0000059	27.3	0.000055	0.000331	0.00045	0.00431
2114 Jan	4390	0.476	1.84	0.0528	166	0.0995	236	0.000536	0.000536	0.00000752	0.00781	0.00281	0.15	0.00989	0.0000059	27.3	0.000055	0.000331	0.00045	0.00431
2114 Feb	4390	0.476	1.84	0.0528	166	0.0995	236	0.000536	0.000536	0.00000752	0.00781	0.00281	0.15	0.00989	0.0000059	27.3	0.000055	0.000331	0.00045	0.00431
2114 Mar	4390	0.476	1.84	0.0528	166	0.0995	236	0.000536	0.000536	0.00000752	0.00781	0.00281	0.15	0.00989	0.0000059	27.3	0.000055	0.000331	0.00045	0.00431
2114 Apr	4390	0.476	1.84	0.0528	166	0.0996	236	0.000537	0.000537	0.00000752	0.00781	0.00282	0.15	0.0099	0.0000059	27.3	0.000055	0.000331	0.000451	0.00431
2114 May	4390	0.476	1.84	0.0528	166	0.0996	236	0.000536	0.000536	0.00000752	0.00781	0.00282	0.15	0.00989	0.0000059	27.3	0.000055	0.000331	0.000451	0.00431
2114 Jun	4410	0.477	1.85	0.053	167	0.0998	237	0.000536	0.000536	0.00000753	0.00783	0.00282	0.151	0.00991	0.00000591	27.4	0.0000552	0.000332	0.000452	0.00432

Appendix D.2-19: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	4450	0.482	1.87	0.0535	168	0.101	239	0.00054	0.00054	0.0000076	0.0079	0.00285	0.152	0.00999	0.00000596	27.6	0.0000557	0.000335	0.000456	0.00436
2114 Aug	4480	0.486	1.88	0.0539	170	0.102	241	0.000544	0.000544	0.00000766	0.00797	0.00287	0.153	0.0101	0.000006	27.8	0.0000561	0.000338	0.00046	0.0044
2114 Sep	4480	0.486	1.88	0.0539	170	0.101	241	0.000542	0.000542	0.00000765	0.00796	0.00287	0.153	0.0101	0.000006	27.8	0.0000561	0.000338	0.00046	0.0044
2114 Oct	4470	0.485	1.88	0.0538	169	0.101	241	0.000539	0.000539	0.00000762	0.00794	0.00287	0.153	0.01	0.00000597	27.8	0.000056	0.000337	0.000458	0.00438
2114 Nov	4460	0.484	1.87	0.0536	169	0.101	240	0.000537	0.000537	0.0000076	0.00792	0.00286	0.153	0.00999	0.00000595	27.7	0.0000558	0.000336	0.000457	0.00437
2114 Dec	4460	0.484	1.87	0.0536	169	0.101	240	0.000537	0.000537	0.0000076	0.00792	0.00286	0.153	0.00999	0.00000595	27.7	0.0000558	0.000336	0.000457	0.00437
2115 Jan	4460	0.484	1.87	0.0536	169	0.101	240	0.000537	0.000537	0.0000076	0.00792	0.00286	0.153	0.00999	0.00000595	27.7	0.0000558	0.000336	0.000457	0.00437
2115 Feb	4460	0.484	1.87	0.0536	169	0.101	240	0.000537	0.000537	0.0000076	0.00792	0.00286	0.153	0.00999	0.00000595	27.7	0.0000558	0.000336	0.000457	0.00437
2115 Mar	4460	0.484	1.87	0.0536	169	0.101	240	0.000537	0.000537	0.0000076	0.00792	0.00286	0.153	0.00999	0.00000596	27.7	0.0000558	0.000336	0.000457	0.00437
2115 Apr	4470	0.484	1.87	0.0537	169	0.101	240	0.000537	0.000537	0.00000761	0.00792	0.00286	0.153	0.01	0.00000596	27.7	0.0000559	0.000336	0.000458	0.00438
2115 May	4470	0.484	1.87	0.0537	169	0.101	241	0.000537	0.000537	0.00000761	0.00792	0.00286	0.153	0.01	0.00000596	27.7	0.0000559	0.000336	0.000458	0.00438
2115 Jun	4490	0.486	1.88	0.054	170	0.101	242	0.000538	0.000538	0.00000764	0.00796	0.00287	0.154	0.01	0.00000598	27.8	0.0000562	0.000338	0.00046	0.0044
2115 Jul	4520	0.49	1.9	0.0544	171	0.102	243	0.000541	0.000541	0.00000769	0.00802	0.0029	0.155	0.0101	0.00000602	28	0.0000566	0.00034	0.000463	0.00443
2115 Aug	4520	0.49	1.9	0.0544	171	0.102	243	0.000539	0.000539	0.00000768	0.00801	0.0029	0.155	0.0101	0.00000601	28	0.0000566	0.00034	0.000463	0.00443
2115 Sep	4530	0.491	1.9	0.0545	171	0.102	244	0.000538	0.000538	0.00000768	0.00802	0.0029	0.155	0.0101	0.00000601	28.1	0.0000567	0.000341	0.000464	0.00443
2115 Oct	4530	0.491	1.9	0.0545	171	0.102	244	0.000538	0.000538	0.00000768	0.00802	0.0029	0.155	0.0101	0.00000601	28.1	0.0000567	0.000341	0.000464	0.00444
2115 Nov	4530	0.49	1.9	0.0544	171	0.102	244	0.000537	0.000537	0.00000767	0.00801	0.0029	0.155	0.0101	0.000006	28	0.0000566	0.00034	0.000463	0.00443
2115 Dec	4530	0.49	1.9	0.0544	171	0.102	244	0.000537	0.000537	0.00000767	0.00801	0.0029	0.155	0.0101	0.000006	28	0.0000566	0.00034	0.000463	0.00443
2116 Jan	4530	0.49	1.9	0.0544	171	0.102	244	0.000537	0.000537	0.00000767	0.00801	0.0029	0.155	0.0101	0.000006	28	0.0000566	0.00034	0.000463	0.00443
2116 Feb	4530	0.491	1.9	0.0544	171	0.102	244	0.000537	0.000537	0.00000767	0.00801	0.0029	0.155	0.0101	0.000006	28	0.0000566	0.00034	0.000463	0.00443
2116 Mar	4530	0.491	1.9	0.0544	171	0.102	244	0.000537	0.000537	0.00000767	0.00801	0.0029	0.155	0.0101	0.000006	28	0.0000566	0.00034	0.000463	0.00443
2116 Apr	4530	0.491	1.9	0.0545	171	0.102	244	0.000537	0.000537	0.00000768	0.00802	0.0029	0.155	0.0101	0.00000601	28.1	0.0000567	0.000341	0.000464	0.00443
2116 May	4540	0.492	1.9	0.0545	171	0.102	244	0.000538	0.000538	0.00000769	0.00803	0.0029	0.155	0.0101	0.00000601	28.1	0.0000567	0.000341	0.000464	0.00444
2116 Jun	4510	0.489	1.89	0.0542	170	0.102	243	0.00053	0.00053	0.00000762	0.00797	0.00289	0.154	0.01	0.00000596	27.9	0.0000564	0.000339	0.000461	0.00441
2116 Jul	4540	0.492	1.91	0.0546	171	0.102	245	0.000534	0.000534	0.00000768	0.00803	0.00291	0.156	0.0101	0.000006	28.1	0.0000568	0.000342	0.000465	0.00444
2116 Aug	4580	0.496	1.92	0.055	173	0.103	246	0.000537	0.000537	0.00000773	0.00808	0.00293	0.157	0.0101	0.00000604	28.3	0.0000572	0.000344	0.000468	0.00447
2116 Sep	4570	0.495	1.92	0.0549	172	0.103	246	0.000534	0.000534	0.0000077	0.00806	0.00292	0.156	0.0101	0.00000602	28.2	0.0000571	0.000343	0.000467	0.00446
2116 Oct	4550	0.493	1.91	0.0547	172	0.103	245	0.00053	0.00053	0.00000767	0.00803	0.00291	0.156	0.0101	0.00000599	28.1	0.0000569	0.000342	0.000465	0.00445
2116 Nov	4550	0.493	1.91	0.0547	172	0.103	245	0.00053	0.00053	0.00000767	0.00803	0.00291	0.156	0.0101	0.00000599	28.1	0.0000569	0.000342	0.000465	0.00445
2116 Dec	4550	0.493	1.91	0.0547	172	0.103	245	0.00053	0.00053	0.00000767	0.00803	0.00291	0.156	0.0101	0.00000599	28.1	0.0000569	0.000342	0.000465	0.00445
2117 Jan	4550	0.493	1.91	0.0547	172	0.103	245	0.00053	0.00053	0.00000767	0.00803	0.00291	0.156	0.0101	0.00000599	28.1	0.0000569	0.000342	0.000465	0.00445
2117 Feb	4550	0.493	1.91	0.0547	172	0.103	245	0.00053	0.00053	0.00000767	0.00803	0.00291	0.156	0.0101	0.00000599	28.1	0.0000569	0.000342	0.000465	0.00445
2117 Mar	4550	0.494	1.91	0.0547	172	0.103	245	0.00053	0.00053	0.00000767	0.00803	0.00291	0.156	0.0101	0.00000599	28.1	0.0000569	0.000342	0.000465	0.00445
2117 Apr	4560	0.494	1.91	0.0548	172	0.103	245	0.000531	0.000531	0.00000768	0.00804	0.00292	0.156	0.0101	0.000006	28.2	0.000057	0.000342	0.000466	0.00446
2117 May	4570	0.495	1.92	0.0549	172	0.103	246	0.000531	0.000531	0.00000769	0.00806	0.00292	0.156	0.0101	0.00000601	28.2	0.0000571	0.000343	0.000467	0.00446
2117 Jun	4580	0.496	1.92	0.055	172	0.103	246	0.000531	0.000531	0.0000077	0.00807	0.00293	0.157	0.0101	0.00000601	28.3	0.0000572	0.000344	0.000467	0.00447
2117 Jul	4610	0.5	1.94	0.0555	174	0.104	248	0.000535	0.000535	0.00000776	0.00813	0.00295	0.158	0.0102	0.00000606	28.5	0.0000576	0.000346	0.000471	0.00451
2117 Aug	4640	0.503	1.95	0.0557	175	0.104	250	0.000536	0.000536	0.00000779	0.00817	0.00297	0.159	0.0102	0.00000608	28.6	0.0000579	0.000348	0.000474	0.00453
2117 Sep	4650	0.504	1.95	0.0559	175	0.105	250	0.000537	0.000537	0.00000781	0.00819	0.00297	0.159	0.0102	0.00000609	28.7	0.0000581	0.000349	0.000475	0.00454
2117 Oct	4650	0.503	1.95	0.0558	175	0.104	250	0.000536	0.000536	0.0000078	0.00818	0.00297	0.159	0.0102	0.00000608	28.7	0.000058	0.000349	0.000474	0.00454
2117 Nov	4640	0.503	1.95	0.0558	175	0.104	250	0.000535	0.000535	0.00000779	0.00818	0.00297	0.159	0.0102	0.00000608	28.7	0.000058	0.000348	0.000474	0.00453
2117 Dec	4640	0.503	1.95	0.0558	175	0.104	250	0.000535	0.000535	0.00000779	0.00817	0.00297	0.159	0.0102	0.00000608	28.7	0.000058	0.000348	0.000474	0.00453
2118 Jan	4640	0.503	1.95	0.0558	175	0.104	250	0.000535	0.000535	0.00000779	0.00817	0.00297	0.159	0.0102	0.00000608	28.7	0.000058	0.000348	0.000474	0.00453
2118 Feb	4640	0.503	1.95	0.0558	175	0.104	250	0.000535	0.000535	0.00000779	0.00817	0.00297	0.159	0.0102	0.00000608	28.7	0.000058	0.000348	0.000474	0.00453
2118 Mar	4640	0.503	1.95	0.0558	175	0.104	250	0.000535	0.000535	0.00000779	0.00818	0.00297	0.159	0.0102	0.00000608	28.7	0.000058	0.000348	0.000474	0.00453
2118 Apr	4650	0.504	1.95	0.0558	175	0.104	250	0.000535	0.000535	0.0000078	0.00818	0.00297	0.159	0.0102	0.00000608	28.7	0.000058	0.000349	0.000474	0.00454
2118 May	4640	0.503	1.95	0.0558	175	0.104	250	0.000534	0.000534	0.00000779	0.00817	0.00297	0.159	0.0102	0.00000607	28.7	0.000058	0.000348	0.000474	0.00453
2118 Jun	4620	0.501	1.94	0.0555	174	0.104	249	0.000527	0.000527	0.00000773	0.00812	0.00295	0.158	0.0101	0.00000602	28.5	0.0000577	0.000346	0.000471	0.00451
2118 Jul	4660	0.505	1.96	0.056	175	0.105	251	0.000532	0.000532	0.0000078	0.00819	0.00298	0.16	0.0102	0.00000608	28.7	0.0000582	0.000349	0.000475	0.00455
2118 Aug	4670	0.506	1.96	0.0561	175	0.105	251	0.00053	0.00053	0.00000779	0.0082	0.00298	0.16	0.0102	0.00000607	28.8	0.0000583	0.00035	0.000476	0.00455
2118 Sep	4650	0.504	1.95	0.0559	175	0.104	250	0.000525	0.000525	0.00000775	0.00816	0.00297	0.159	0.0102	0.00000603	28.6	0.000058	0.000348	0.000474	0.00453
2118 Oct	4630	0.502	1.95	0.0557	174	0.104	249	0.000523	0.000523	0.00000772	0.00813	0.00296	0.159	0.0101	0.00000601	28.5	0.0000578	0.000347	0.000472	0.00452
2118 Nov	4630	0.502	1.94	0.0557	174	0.104	249	0.000522	0.000522	0.00000771	0.00812	0.00296	0.158	0.0101	0.000006	28.5	0.0000578	0.000347	0.000472	0.00451
2118 Dec	4630	0.502	1.94	0.0557	174	0.104	249	0.000522	0.000522	0.00000771	0.00812	0.00296	0.158	0.0101	0.000006	28.5	0.0000578	0.000347	0.000472	0.00451
2119 Jan	4630	0.502	1.94	0.0557	174	0.104	249	0.000522	0.000522	0.00000771	0.00812	0.00296	0.158	0.0101	0.000006	28.5	0.0000578	0.000347	0.000472	0.00451
2119 Feb	4630	0.502	1.94	0.0557	174	0.104	249	0.000522	0.000522	0.00000771	0.00812	0.00296	0.158	0.0101	0.000006	28.5	0.0000578	0.000347	0.000472	0.00451
2119 Mar	4630	0.502	1.94	0.0557	174	0.104	249	0.000522	0.000522	0.00000772	0.00813	0.00296	0.158	0.0101	0.00000601	28.5	0.0000578	0.000347	0.000472	0.00451
2119 Apr	4640	0.503	1.95	0.0557	174	0.104	250	0.000523	0.000523	0.00000773	0.00814	0.00296	0.159	0.0101	0.00000601	28.6	0.0000579	0.000347	0.000473	0.00452
2119 May	4630	0.501	1.94	0.0556	174	0.104	249	0.000519	0.000519	0.0000077	0.00811	0.00296	0.158	0.0101	0.00000599	28.5	0.0000577	0.000346	0.000471	0.00451
2119 Jun	4630	0.501	1.94	0.0556	174	0.104	249	0.000517	0.000517	0.00000769	0.00811	0.00296	0.158	0.0101	0.00000598	28.5	0.0000577	0.000346	0.000471	0.00451
2119 Jul	4670	0.506	1.96	0.0561	175	0.105	251	0.000521	0.000521	0.00000775	0.00817	0.00298	0.16	0.0102	0.00000603	28.7	0.0000582	0.000349	0.000475	0.00454
2119 Aug	4690	0.508	1.97	0.0564	176	0.105	252	0.000522	0.000522	0.00000778	0.00821	0.003	0.16	0.0102	0.00000605	28.8	0.0000585	0.000351	0.000477	0.00457
2119 Sep	4680	0.507	1.97	0.0563	176	0.105	252	0.00052	0.00052	0.00000776	0.00819	0.00299	0.16	0.0102	0.00000603	28.8	0.0000584	0.00035	0.000477	0.00456
2119 Oct	4670	0.506	1.96	0.0562	175	0.105	252	0.000518	0.000518	0.00000774	0.00817	0.00298	0.16	0.0101	0.00000601	28.7	0.0000583	0.00035	0.000475	0.00455
2119 Nov	4670	0.506	1.96	0.0561	175	0.104	251	0.000517	0.000517	0.00000773	0.00816	0.00298	0.16	0.0101	0.00000601	28.7	0.0000582	0.000349	0.000475	0.00454
2119 Dec	4670	0.506	1.96	0.0561	175	0.104	251	0.000517	0.000517	0.00000773	0.00816	0.00298	0.16	0.0101	0.00000601	28.7	0.0000582	0.000349	0.000475	0.00454

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.00425	0.00000964	1.79	5.02	0.0482	0.00108	58.7	0.0139	0.000482	0.00000865	0.0006	0.000257	0.216	0.000000383	0.000377	0.0005	0.000687	0
Operation (2026-2036): Mean	0.0186	0.0000423	7.83	22	0.211	0.00476	239	0.0611	0.00211	0.000038	0.00263	0.00113	0.946	0.00000168	0.00166	0.00219	0.00301	0
Operation (2026-2036): Max	0.0203	0.000046	8.52	23.9	0.23	0.00517	280	0.0664	0.0023	0.0000413	0.00286	0.00123	1.03	0.00000183	0.0018	0.00238	0.00328	0
Active Closure (2037-2043): Min	0.0136	0.00000531	1.65	3.44	0.0261	0.000601	19	0.00729	0.00216	0.0000388	0.000314	0.000163	0.132	0.00000172	0.000199	0.000301	0.00106	0
Active Closure (2037-2043): Mean	0.0142	0.00000873	2.23	5.16	0.0432	0.000985	36.2	0.0123	0.00396	0.0000396	0.000529	0.000253	0.208	0.00000197	0.000334	0.000477	0.00124	0
Active Closure (2037-2043): Max	0.0195	0.0000441	8.17	23	0.221	0.00496	203	0.0638	0.00415	0.0000474	0.00275	0.00118	0.987	0.00000201	0.00173	0.00229	0.00314	0
Post Closure (2044-2119): Min	0.0137	0.00000558	1.71	3.58	0.0275	0.000631	19.4	0.00769	0.00353	0.0000395	0.000331	0.000171	0.139	0.000002	0.00021	0.000315	0.00108	0
Post Closure (2044-2119): Mean	0.0163	0.000017	3.67	9.37	0.0845	0.00191	38.1	0.0242	0.00387	0.0000423	0.00104	0.00047	0.39	0.00000207	0.000658	0.000901	0.00174	0
Post Closure (2044-2119): Max	0.0184	0.0000266	5.32	14.3	0.133	0.003	53.7	0.0383	0.00418	0.0000445	0.00165	0.000724	0.604	0.00000215	0.00104	0.0014	0.00229	0
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033 May	0.00425	0.00000964	1.79	5.02	0.0482	0.00108	58.7	0.0139	0.000482	0.00000865	0.0006	0.000257	0.216	0.000000383	0.000377	0.0005	0.000687	0
2033 Jun	0.0158	0.0000358	6.63	18.6	0.179	0.00402	218	0.0517	0.00179	0.0000321	0.00223	0.000956	0.801	0.00000142	0.0014	0.00186	0.00255	0
2033 Jul	0.0184	0.0000417	7.72	21.7	0.208	0.00469	254	0.0602	0.00208	0.0000374	0.00259	0.00111	0.932	0.00000166	0.00163	0.00216	0.00297	0
2033 Aug	0.0194	0.0000439	8.14	22.9	0.22	0.00494	268	0.0635	0.0022	0.0000394	0.00273	0.00117	0.982	0.00000174	0.00172	0.00228	0.00313	0
2033 Sep	0.0191	0.0000432	8.01	22.5	0.216	0.00486	263	0.0625	0.00216	0.0000388	0.00269	0.00115	0.967	0.00000172	0.00169	0.00224	0.00308	0
2033 Oct	0.0185	0.000042	7.78	21.9	0.21	0.00472	256	0.0607	0.0021	0.0000377	0.00261	0.00112	0.939	0.00000167	0.00164	0.00218	0.00299	0
2033 Nov	0.0186	0.0000421	7.8	21.9	0.211	0.00474	257	0.0609	0.00211	0.0000378	0.00262	0.00112	0.942	0.00000167	0.00165	0.00219	0.003	0
2033 Dec	0.0186	0.0000421	7.81	21.9	0.211	0.00474	257	0.0609	0.00211	0.0000378	0.00262	0.00113	0.943	0.00000167	0.00165	0.00219	0.003	0
2034 Jan	0.0186	0.0000421	7.81	21.9	0.211	0.00474	257	0.0609	0.00211	0.0000378	0.00262	0.00113	0.943	0.00000167	0.00165	0.00219	0.003	0
2034 Feb	0.0186	0.0000421	7.81	21.9	0.211	0.00474	257	0.0609	0.00211	0.0000378	0.00262	0.00113	0.943	0.00000167	0.00165	0.00219	0.003	0
2034 Mar	0.0186	0.0000421	7.81	22	0.211	0.00474	257	0.0609	0.00211	0.0000378	0.00262	0.00113	0.943	0.00000167	0.00165	0.00219	0.003	0
2034 Apr	0.0187	0.0000424	7.85	22.1	0.212	0.00477	258	0.0613	0.00212	0.000038	0.00264	0.00113	0.948	0.00000168	0.00166	0.0022	0.00302	0
2034 May	0.0191	0.0000433	8.02	22.6	0.216	0.00487	264	0.0626	0.00216	0.0000389	0.0027	0.00116	0.969	0.00000172	0.0017	0.00225	0.00309	0
2034 Jun	0.0192	0.0000435	8.07	22.7	0.218	0.0049	265	0.0629	0.00218	0.0000391	0.00271	0.00116	0.974	0.00000173	0.00171	0.00226	0.0031	0
2034 Jul	0.0195	0.0000442	8.19	23	0.221	0.00497	269	0.0639	0.00221	0.0000397	0.00275	0.00118	0.989	0.00000176	0.00173	0.00229	0.00315	0
2034 Aug	0.0203	0.000046	8.52	23.9	0.23	0.00517	280	0.0664	0.0023	0.0000413	0.00286	0.00123	1.03	0.00000183	0.0018	0.00238	0.00328	0
2034 Sep	0.0193	0.0000438	8.12	22.8	0.219	0.00493	267	0.0634	0.00219	0.0000394	0.00273	0.00117	0.981	0.00000174	0.00172	0.00228	0.00313	0
2034 Oct	0.0188	0.0000425	7.88	22.2	0.213	0.00479	259	0.0615	0.00213	0.0000382	0.00265	0.00114	0.952	0.00000169	0.00167	0.00221	0.00303	0
2034 Nov	0.0189	0.0000428	7.94	22.3	0.214	0.00482	261	0.0619	0.00214	0.0000384	0.00267	0.00114	0.958	0.0000017	0.00168	0.00222	0.00305	0
2034 Dec	0.0189	0.0000429	7.94	22.3	0.214	0.00482	261	0.062	0.00214	0.0000385	0.00267	0.00114	0.959	0.0000017	0.00168	0.00222	0.00305	0
2035 Jan	0.0189	0.0000429	7.94	22.3	0.214	0.00482	261	0.062	0.00214	0.0000385	0.00267	0.00114	0.959	0.0000017	0.00168	0.00222	0.00305	0
2035 Feb	0.0189	0.0000429	7.94	22.3	0.214	0.00482	261	0.062	0.00214	0.0000385	0.00267	0.00114	0.959	0.0000017	0.00168	0.00222	0.00306	0
2035 Mar	0.0189	0.0000429	7.95	22.3	0.214	0.00482	261	0.062	0.00214	0.0000385	0.00267	0.00115	0.959	0.0000017	0.00168	0.00223	0.00306	0
2035 Apr	0.019	0.0000432	8	22.5	0.216	0.00486	263	0.0624	0.00216	0.0000388	0.00269	0.00115	0.966	0.00000172	0.00169	0.00224	0.00308	0
2035 May	0.0197	0.0000447	8.28	23.3	0.223	0.00502	271	0.0646	0.00223	0.0000401	0.00278	0.00119	0.999	0.00000177	0.00175	0.00232	0.00318	0
2035 Jun	0.019	0.0000432	8	22.5	0.216	0.00486	238	0.0625	0.00216	0.0000388	0.00269	0.00115	0.967	0.00000172	0.00169	0.00224	0.00308	0
2035 Jul	0.0192	0.0000435	8.05	22.6	0.217	0.00489	233	0.0628	0.00217	0.000039	0.00271	0.00116	0.972	0.00000173	0.0017	0.00226	0.0031	0
2035 Aug	0.0194	0.000044	8.16	22.9	0.22	0.00495	235	0.0637	0.0022	0.0000395	0.00274	0.00118	0.985	0.00000175	0.00172	0.00229	0.00314	0
2035 Sep	0.0189	0.0000429	7.96	22.4	0.215	0.00483	229	0.0621	0.00215	0.0000386	0.00267	0.00115	0.961	0.00000171	0.00168	0.00223	0.00306	0
2035 Oct	0.019	0.000043	7.98	22.4	0.215	0.00484	229	0.0622	0.00215	0.0000386	0.00268	0.00115	0.963	0.00000171	0.00169	0.00223	0.00307	0
2035 Nov	0.0188	0.0000427	7.91	22.2	0.213	0.0048	227	0.0617	0.00213	0.0000383	0.00266	0.00114	0.955	0.0000017	0.00167	0.00221	0.00304	0
2035 Dec	0.0188	0.0000427	7.91	22.2	0.213	0.0048	227	0.0617	0.00213	0.0000383	0.00266	0.00114	0.955	0.0000017	0.00167	0.00222	0.00304	0
2036 Jan	0.0188	0.0000427	7.91	22.2	0.213	0.0048	227	0.0617	0.00213	0.0000383	0.00266	0.00114	0.955	0.0000017	0.00167	0.00222	0.00304	0
2036 Feb	0.0188	0.0000427	7.91	22.2	0.213	0.0048	227	0.0617	0.00213	0.0000383	0.00266	0.00114	0.955	0.0000017	0.00167	0.00222	0.00304	0
2036 Mar	0.0188	0.0000427	7.91	22.2	0.213	0.0048	227	0.0617	0.00213	0.0000383	0.00266	0.00114	0.955	0.0000017	0.00167	0.00222	0.00304	0
2036 Apr	0.019	0.000043	7.96	22.4	0.215	0.00483	229	0.0621	0.00215	0.0000386	0.00268	0.00115	0.962	0.00000171	0.00168	0.00223	0.00306	0
2036 May	0.0195	0.0000441	8.18	23	0.221	0.00497	234	0.0638	0.00221	0.0000396	0.00275	0.00118	0.988	0.00000175	0.00173	0.00229	0.00315	0
2036 Jun	0.0193	0.0000438	8.11	22.8	0.219	0.00493	215	0.0633	0.00219	0.0000393	0.00273	0.00117	0.98	0.00000174	0.00172	0.00227	0.00312	0
2036 Jul	0.0195	0.0000443	8.21	23.1	0.222	0.00499	208	0.0641	0.00222	0.0000398	0.00276	0.00118	0.992	0.00000176	0.00174	0.0023	0.00316	0
2036 Aug	0.0202	0.0000458	8.49	23.9	0.229	0.00515	214	0.0662	0.00229	0.0000411	0.00285	0.00122	1.03	0.00000182	0.00179	0.00238	0.00327	0
2036 Sep	0.0197	0.0000446	8.27	23.3	0.223	0.00502	208	0.0645	0.00223	0.0000401	0.00278	0.00119	0.999	0.00000177	0.00175	0.00232	0.00318	0
2036 Oct	0.0191	0.0000434	8.04	22.6	0.217	0.00488	202	0.0627	0.00217	0.0000389	0.0027	0.00116	0.971	0.00000172	0.0017	0.00225	0.00309	0
2036 Nov	0.0191	0.0000433	8.03	22.6	0.217	0.00487	202	0.0626	0.00217	0.0000389	0.0027	0.00116	0.969	0.00000172	0.0017	0.00225	0.00309	0
2036 Dec	0.0191	0.0000432	8.01	22.5	0.216	0.00486	201	0.0625	0.00216	0.0000388	0.00269	0.00115	0.967	0.00000172	0.00169	0.00224	0.00308	0
2037 Jan	0.0191	0.0000432	8.01	22.5	0.216	0.00486	201	0.0625	0.00216	0.0000388	0.00269	0.00116	0.968	0.00000172	0.00169	0.00224	0.00308	0
2037 Feb	0.0191	0.0000432	8.01	22.5	0.216	0.00487	201	0.0625	0.00216	0.0000388	0.00269	0.00116	0.968	0.00000172	0.00169	0.00224	0.00308	0
2037 Mar	0.0191	0.0000433	8.03	22.6	0.217	0.00487	202	0.0626	0.00217	0.0000389	0.0027	0.00116	0.97	0.00000172	0.0017	0.00225	0.00309	0
2037 Apr	0.0192	0.0000436	8.07	22.7	0.218	0.0049	203	0.063	0.00218	0.0000391	0.00271	0.00116	0.975	0.00000173	0.00171	0.00226	0.0031	0
2037 May	0.0195	0.0000441	8.17	23	0.221	0.00496	200	0.0638	0.00221	0.0000396	0.00275	0.00118	0.987	0.00000175	0.00173	0.00229	0.00314	0
2037 Jun	0.017	0.0000243	4.8	12.9	0.121	0.00273	103	0.0349	0.00313	0.0000438	0.0015	0.000658	0.548	0.00000184	0.000946	0.00128	0.00206	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0158	0.0000126	2.82	7.01	0.0621	0.00141	53.7	0.0178	0.00378	0.0000474	0.000765	0.000351	0.288	0.00000194	0.000483	0.000676	0.00144	0
2037 Aug	0.015	0.00000921	2.27	5.35	0.0454	0.00103	39.6	0.0129	0.00392	0.0000427	0.000555	0.000264	0.216	0.00000197	0.000351	0.000503	0.00127	0
2037 Sep	0.0142	0.00000754	2.02	4.55	0.0372	0.000849	32.9	0.0105	0.004	0.0000388	0.000453	0.000221	0.181	0.00000198	0.000287	0.000416	0.00118	0
2037 Oct	0.0139	0.00000729	1.99	4.44	0.036	0.000824	31.9	0.0102	0.00402	0.0000392	0.000439	0.000215	0.176	0.00000198	0.000278	0.000403	0.00117	0
2037 Nov	0.0139	0.00000737	2	4.48	0.0364	0.000832	32.2	0.0103	0.00402	0.0000392	0.000443	0.000217	0.178	0.00000198	0.000281	0.000406	0.00117	0
2037 Dec	0.0139	0.00000737	2	4.48	0.0364	0.000832	32.2	0.0103	0.00402	0.0000392	0.000443	0.000217	0.178	0.00000198	0.000281	0.000407	0.00117	0
2038 Jan	0.0139	0.00000737	2	4.48	0.0364	0.000832	32.2	0.0103	0.00402	0.0000392	0.000443	0.000217	0.178	0.00000198	0.000281	0.000407	0.00117	0
2038 Feb	0.0139	0.00000737	2	4.48	0.0364	0.000832	32.2	0.0103	0.00402	0.0000392	0.000443	0.000217	0.178	0.00000198	0.000281	0.000407	0.00117	0
2038 Mar	0.0139	0.00000737	2	4.48	0.0364	0.000832	32.2	0.0103	0.00402	0.0000392	0.000443	0.000217	0.178	0.00000198	0.000281	0.000407	0.00117	0
2038 Apr	0.0139	0.00000737	2	4.48	0.0364	0.000832	32.2	0.0103	0.00402	0.0000392	0.000444	0.000217	0.178	0.00000198	0.000281	0.000407	0.00117	0
2038 May	0.014	0.00000756	2.03	4.57	0.0373	0.000853	32.8	0.0106	0.00402	0.0000393	0.000455	0.000222	0.182	0.00000198	0.000288	0.000416	0.00118	0
2038 Jun	0.0142	0.00000834	2.16	4.96	0.0413	0.00094	35	0.0117	0.00396	0.0000401	0.000504	0.000242	0.199	0.00000197	0.000319	0.000457	0.00122	0
2038 Jul	0.0143	0.00000737	1.99	4.45	0.0363	0.000829	30.9	0.0103	0.00405	0.000042	0.000442	0.000216	0.177	0.00000199	0.00028	0.000408	0.00117	0
2038 Aug	0.0143	0.00000682	1.9	4.18	0.0336	0.000767	28.6	0.00947	0.00408	0.0000409	0.000407	0.000202	0.165	0.000002	0.000258	0.000379	0.00115	0
2038 Sep	0.014	0.00000645	1.85	4.01	0.0318	0.000728	27.1	0.00895	0.00408	0.0000392	0.000385	0.000193	0.157	0.000002	0.000244	0.00036	0.00113	0
2038 Oct	0.0138	0.00000635	1.83	3.97	0.0313	0.000717	26.6	0.0088	0.00409	0.0000394	0.000379	0.00019	0.155	0.000002	0.00024	0.000354	0.00112	0
2038 Nov	0.0138	0.00000637	1.84	3.98	0.0314	0.000719	26.6	0.00883	0.00409	0.0000394	0.00038	0.000191	0.156	0.000002	0.000241	0.000355	0.00112	0
2038 Dec	0.0138	0.00000637	1.84	3.98	0.0314	0.000719	26.6	0.00883	0.00409	0.0000394	0.00038	0.000191	0.156	0.000002	0.000241	0.000355	0.00112	0
2039 Jan	0.0138	0.00000637	1.84	3.98	0.0314	0.000719	26.6	0.00883	0.00409	0.0000394	0.00038	0.000191	0.156	0.000002	0.000241	0.000355	0.00112	0
2039 Feb	0.0138	0.00000637	1.84	3.98	0.0314	0.000719	26.6	0.00883	0.00409	0.0000394	0.00038	0.000191	0.156	0.000002	0.000241	0.000355	0.00112	0
2039 Mar	0.0138	0.00000637	1.84	3.98	0.0314	0.000719	26.6	0.00883	0.00409	0.0000394	0.00038	0.000191	0.156	0.000002	0.000241	0.000355	0.00112	0
2039 Apr	0.0138	0.00000637	1.84	3.98	0.0314	0.00072	26.6	0.00883	0.0041	0.0000394	0.000381	0.000191	0.156	0.000002	0.000241	0.000355	0.00112	0
2039 May	0.0139	0.00000639	1.84	3.99	0.0315	0.000722	26.7	0.00886	0.0041	0.0000395	0.000382	0.000192	0.156	0.000002	0.000242	0.000357	0.00112	0
2039 Jun	0.0139	0.0000068	1.9	4.19	0.0335	0.000768	27.6	0.00946	0.00406	0.0000398	0.000407	0.000202	0.165	0.00000199	0.000258	0.000378	0.00114	0
2039 Jul	0.0141	0.00000709	1.94	4.32	0.035	0.000799	27.9	0.00988	0.00403	0.0000406	0.000425	0.000209	0.171	0.00000198	0.000269	0.000393	0.00115	0
2039 Aug	0.014	0.00000688	1.91	4.22	0.0339	0.000776	26.9	0.00957	0.00404	0.00004	0.000412	0.000204	0.166	0.00000198	0.000261	0.000382	0.00114	0
2039 Sep	0.0139	0.00000653	1.86	4.05	0.0322	0.000738	25.6	0.00907	0.00406	0.0000391	0.000391	0.000195	0.159	0.00000199	0.000248	0.000364	0.00113	0
2039 Oct	0.0138	0.0000064	1.84	3.99	0.0316	0.000723	25.1	0.00888	0.00407	0.0000392	0.000383	0.000192	0.157	0.00000198	0.000242	0.000357	0.00112	0
2039 Nov	0.0138	0.0000064	1.84	3.99	0.0316	0.000724	25.1	0.00889	0.00407	0.0000392	0.000383	0.000192	0.157	0.00000199	0.000243	0.000357	0.00112	0
2039 Dec	0.0138	0.0000064	1.84	3.99	0.0316	0.000724	25.1	0.00889	0.00407	0.0000392	0.000383	0.000192	0.157	0.00000199	0.000243	0.000357	0.00112	0
2040 Jan	0.0138	0.0000064	1.84	3.99	0.0316	0.000724	25.1	0.00889	0.00407	0.0000392	0.000383	0.000192	0.157	0.00000199	0.000243	0.000357	0.00112	0
2040 Feb	0.0138	0.0000064	1.84	3.99	0.0316	0.000724	25.1	0.00889	0.00407	0.0000392	0.000383	0.000192	0.157	0.00000199	0.000243	0.000357	0.00112	0
2040 Mar	0.0138	0.00000641	1.84	3.99	0.0316	0.000724	25.1	0.00889	0.00407	0.0000392	0.000383	0.000192	0.157	0.00000199	0.000243	0.000357	0.00112	0
2040 Apr	0.0138	0.00000641	1.84	3.99	0.0316	0.000724	25.1	0.00889	0.00407	0.0000392	0.000383	0.000192	0.157	0.00000199	0.000243	0.000357	0.00112	0
2040 May	0.0138	0.00000644	1.85	4.01	0.0317	0.000728	25.2	0.00894	0.00408	0.0000393	0.000385	0.000193	0.157	0.00000199	0.000244	0.000359	0.00112	0
2040 Jun	0.0138	0.00000666	1.88	4.11	0.0328	0.000752	25.5	0.00925	0.00405	0.0000395	0.000399	0.000198	0.162	0.00000198	0.000252	0.00037	0.00113	0
2040 Jul	0.0139	0.00000648	1.84	4.02	0.0319	0.00073	24.7	0.00898	0.00407	0.0000403	0.000387	0.000193	0.158	0.00000199	0.000245	0.000361	0.00112	0
2040 Aug	0.0139	0.00000627	1.81	3.92	0.0309	0.000707	23.8	0.00868	0.00409	0.0000399	0.000374	0.000188	0.153	0.00000199	0.000237	0.000351	0.00111	0
2040 Sep	0.0138	0.00000607	1.78	3.82	0.0299	0.000685	23	0.00839	0.00409	0.0000392	0.000361	0.000183	0.149	0.00000199	0.000229	0.00034	0.0011	0
2040 Oct	0.0138	0.00000594	1.76	3.76	0.0293	0.000672	22.6	0.00821	0.00411	0.0000394	0.000354	0.00018	0.146	0.000002	0.000224	0.000334	0.0011	0
2040 Nov	0.0138	0.00000595	1.77	3.77	0.0293	0.000672	22.6	0.00822	0.00411	0.0000394	0.000354	0.00018	0.147	0.000002	0.000225	0.000334	0.0011	0
2040 Dec	0.0138	0.00000595	1.77	3.77	0.0293	0.000672	22.6	0.00822	0.00411	0.0000394	0.000354	0.00018	0.147	0.000002	0.000225	0.000334	0.0011	0
2041 Jan	0.0138	0.00000595	1.77	3.77	0.0293	0.000672	22.6	0.00822	0.00411	0.0000394	0.000354	0.00018	0.147	0.000002	0.000225	0.000334	0.0011	0
2041 Feb	0.0138	0.00000595	1.77	3.77	0.0293	0.000672	22.6	0.00822	0.00411	0.0000394	0.000354	0.00018	0.147	0.000002	0.000225	0.000334	0.0011	0
2041 Mar	0.0138	0.00000595	1.77	3.77	0.0293	0.000672	22.6	0.00822	0.00411	0.0000394	0.000354	0.00018	0.147	0.000002	0.000225	0.000334	0.0011	0
2041 Apr	0.0138	0.00000595	1.77	3.77	0.0293	0.000673	22.6	0.00822	0.00411	0.0000394	0.000354	0.00018	0.147	0.000002	0.000225	0.000334	0.0011	0
2041 May	0.0138	0.00000596	1.77	3.78	0.0294	0.000674	22.7	0.00824	0.00412	0.0000394	0.000355	0.00018	0.147	0.000002	0.000225	0.000335	0.0011	0
2041 Jun	0.0138	0.00000603	1.78	3.8	0.0297	0.000681	22.6	0.00833	0.0041	0.0000396	0.000359	0.000182	0.148	0.00000199	0.000228	0.000338	0.0011	0
2041 Jul	0.0138	0.00000605	1.77	3.8	0.0298	0.000683	22.2	0.00837	0.00407	0.0000399	0.00036	0.000182	0.148	0.00000198	0.000228	0.000339	0.0011	0
2041 Aug	0.0138	0.00000588	1.75	3.72	0.0289	0.000664	21.6	0.00812	0.0041	0.0000397	0.00035	0.000178	0.145	0.00000199	0.000222	0.000331	0.00109	0
2041 Sep	0.0137	0.00000571	1.72	3.64	0.0281	0.000645	21	0.00787	0.00411	0.0000392	0.000339	0.000174	0.141	0.000002	0.000215	0.000322	0.00108	0
2041 Oct	0.0137	0.00000563	1.71	3.6	0.0277	0.000637	20.7	0.00776	0.00412	0.0000393	0.000334	0.000172	0.14	0.00000199	0.000212	0.000317	0.00108	0
2041 Nov	0.0137	0.00000563	1.71	3.61	0.0277	0.000637	20.7	0.00776	0.00412	0.0000393	0.000335	0.000172	0.14	0.000002	0.000212	0.000318	0.00108	0
2041 Dec	0.0137	0.00000563	1.71	3.61	0.0277	0.000637	20.7	0.00776	0.00412	0.0000393	0.000335	0.000172	0.14	0.000002	0.000212	0.000318	0.00108	0
2042 Jan	0.0137	0.00000563	1.71	3.61	0.0277	0.000637	20.7	0.00776	0.00412	0.0000393	0.000335	0.000172	0.14	0.000002	0.000212	0.000318	0.00108	0
2042 Feb	0.0137	0.00000563	1.71	3.61	0.0277	0.000637	20.7	0.00776	0.00412	0.0000393	0.000335	0.000172	0.14	0.000002	0.000212	0.000318	0.00108	0
2042 Mar	0.0137	0.00000563	1.71	3.61	0.0277	0.000637	20.7	0.00777	0.00412	0.0000393	0.000335	0.000172	0.14	0.000002	0.000212	0.000318	0.00108	0
2042 Apr	0.0137	0.00000564	1.71	3.61	0.0277	0.000638	20.7	0.00777	0.00412	0.0000393	0.000335	0.000172	0.14	0.000002	0.000212	0.000318	0.00108	0
2042 May	0.0137	0.00000566	1.72	3.62	0.0278	0.00064	20.8	0.0078	0.00413	0.0000395	0.000336	0.000172	0.14	0.000002	0.000213	0.000319	0.00108	0
2042 Jun	0.0137	0.00000567	1.72	3.62	0.0279	0.000641	20.6	0.00781	0.00412	0.0000395	0.000337	0.000173	0.14	0.000002	0.000213	0.00032	0.00108	0
2042 Jul	0.0138	0.0000056	1.7	3.58	0.0275	0.000632	20.2	0.0077	0.00411	0.0000399	0.000332	0.000171	0.138	0.00000199	0.00021	0.000316	0.00108	0
2042 Aug	0.0137	0.0000055	1.68	3.53	0.027	0.000621	19.7	0.00757	0.0041	0.0000395	0.000326	0.000168	0.136	0.00000199	0.000207	0.000311	0.00107	0
2042 Sep	0.0136	0.00000537	1.66	3.47	0.0264	0.000607	19.2	0.00738	0.0041	0.000039	0.000318	0.000165	0.134	0.00000199	0.000202	0.000304	0.00106	0
2042 Oct	0.0136	0.00000531	1.65	3.44	0.0261	0.000601	19	0.00729	0.00411	0.000039	0.000314	0.000163	0.132	0.00000198	0.000199	0.000301	0.00106	0
2042 Nov	0.0136	0.00000531	1.65	3.44	0.0261	0.000601	19	0.0073	0.00411	0.0000391	0.000315	0.000163	0.132	0.00000198	0.0002	0.000301	0.00106	0
2042 Dec	0.0136	0.00000531	1.65	3.44	0.0261	0.000601	19	0.0073	0.00411	0.0000391	0.000315	0.000163	0.132	0.00000198	0.0002	0.000301	0.00106	0
2043 Jan	0.0136	0.00000531	1.65	3.44	0.0261	0.000601	19	0.0073	0.00411	0.0000391	0.000315	0.000163	0.132	0.00000198	0.0002	0.000301	0.00106	0
2043 Feb	0.0136	0.00000531	1.65	3.44	0.0261	0.000601	19	0.0073	0.00411	0.0000391	0.000315	0.000163	0.132	0.00000198	0.0002	0.000301	0.00106	0
2043 Mar	0.0136	0.00000531	1.65	3.44	0.0261	0.000601	19	0.0073	0.00411	0.0000391	0.000315	0.000163	0.132	0.00000198	0.0002	0.000301	0.00106	0
2043 Apr	0.0136	0.00000532	1.65	3.44	0.0261	0.000601	19	0.0073	0.00411	0.0000391	0.000315	0.000163	0.133	0.00000199	0.0002	0.000301	0.00106	0
2043 May	0.0136	0.00000534	1.66	3.45	0.0262	0.000604	19.1	0.00733	0.00412	0.0000392	0.000316	0.000164	0.133	0.00000199	0.0002	0.000302	0.00106	0
2043 Jun	0.0136	0.00000537	1.66	3.47	0.0264	0.000607	19	0.00738	0.0041	0.0000392	0.000318	0.000165	0.134	0.00000198	0.000202	0.000304	0.00106	0
2043 Jul	0.0137	0.00000543	1.68	3.5	0.0267	0.000614	19.1	0.00747	0.00413	0.0000394	0.000322	0.000166	0.135	0.000002	0.000204	0.000307	0.00107	0
2043 Aug	0.0138	0.0000055	1.69	3.54	0.027	0.000622	19.3	0.00757	0.00415	0.0000397	0.000326	0.000168	0.137	0.00000201	0.000207	0.000311	0.00108	0
2043 Sep	0.0138	0.00000555	1.7	3.57	0.0273	0.000628	19.4	0.00764	0.00415	0.0000397	0.000329	0.00017	0.138	0.00000201	0.000209	0.000314	0.00108	0
2043 Oct	0.0138	0.00000557	1.71	3.58	0.0274	0.00063	19.4	0.00767	0.00415	0.0000397	0.000331	0.00017	0.138	0.00000201	0.00021	0.000315	0.00108	0
2043 Nov	0.0138	0.00000558	1.71	3.58	0.0274	0.000631	19.4	0.00769	0.00415	0.0000397	0.000331	0.000171	0.139	0.00000201	0.00021	0.000315	0.00108	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0138	0.00000558	1.71	3.58	0.0275	0.000631	19.4	0.00769	0.00415	0.0000397	0.000331	0.000171	0.139	0.00000201	0.00021	0.000315	0.00108	0
2044 Jan	0.0138	0.00000558	1.71	3.58	0.0275	0.000631	19.4	0.00769	0.00415	0.0000397	0.000331	0.000171	0.139	0.00000201	0.00021	0.000315	0.00108	0
2044 Feb	0.0138	0.00000558	1.71	3.58	0.0275	0.000631	19.4	0.00769	0.00415	0.0000397	0.000331	0.000171	0.139	0.00000201	0.00021	0.000315	0.00108	0
2044 Mar	0.0138	0.00000558	1.71	3.58	0.0275	0.000631	19.4	0.00769	0.00415	0.0000397	0.000331	0.000171	0.139	0.00000201	0.00021	0.000315	0.00108	0
2044 Apr	0.0138	0.00000559	1.71	3.59	0.0275	0.000632	19.5	0.00769	0.00415	0.0000397	0.000331	0.000171	0.139	0.00000201	0.00021	0.000316	0.00108	0
2044 May	0.0138	0.0000056	1.71	3.59	0.0275	0.000633	19.5	0.00771	0.00416	0.0000398	0.000332	0.000171	0.139	0.00000201	0.000211	0.000316	0.00108	0
2044 Jun	0.0137	0.00000569	1.72	3.63	0.028	0.000643	19.6	0.00784	0.00412	0.0000395	0.000338	0.000173	0.141	0.000002	0.000214	0.000321	0.00108	0
2044 Jul	0.0138	0.00000577	1.74	3.68	0.0284	0.000652	19.7	0.00796	0.00413	0.0000396	0.000343	0.000175	0.143	0.000002	0.000217	0.000325	0.00109	0
2044 Aug	0.0139	0.00000584	1.76	3.72	0.0287	0.00066	19.9	0.00805	0.00416	0.00004	0.000347	0.000177	0.144	0.00000202	0.00022	0.000329	0.0011	0
2044 Sep	0.0139	0.0000059	1.76	3.75	0.029	0.000666	20	0.00814	0.00415	0.0000399	0.000351	0.000179	0.146	0.00000201	0.000222	0.000332	0.0011	0
2044 Oct	0.0139	0.00000592	1.77	3.76	0.0291	0.000669	20	0.00818	0.00415	0.0000398	0.000352	0.000179	0.146	0.00000201	0.000223	0.000333	0.0011	0
2044 Nov	0.0139	0.00000593	1.77	3.76	0.0292	0.00067	20	0.00818	0.00415	0.0000398	0.000353	0.00018	0.146	0.00000201	0.000224	0.000333	0.0011	0
2044 Dec	0.0139	0.00000593	1.77	3.76	0.0292	0.00067	20	0.00818	0.00415	0.0000398	0.000353	0.00018	0.146	0.00000201	0.000224	0.000333	0.0011	0
2045 Jan	0.0139	0.00000593	1.77	3.76	0.0292	0.00067	20	0.00818	0.00415	0.0000398	0.000353	0.00018	0.146	0.00000201	0.000224	0.000333	0.0011	0
2045 Feb	0.0139	0.00000593	1.77	3.76	0.0292	0.00067	20	0.00818	0.00415	0.0000398	0.000353	0.00018	0.146	0.00000201	0.000224	0.000333	0.0011	0
2045 Mar	0.0139	0.00000593	1.77	3.76	0.0292	0.00067	20	0.00818	0.00415	0.0000398	0.000353	0.00018	0.146	0.00000201	0.000224	0.000333	0.0011	0
2045 Apr	0.0139	0.00000593	1.77	3.76	0.0292	0.00067	20	0.00819	0.00415	0.0000399	0.000353	0.00018	0.146	0.00000201	0.000224	0.000333	0.0011	0
2045 May	0.0139	0.00000594	1.77	3.77	0.0292	0.000671	20.1	0.0082	0.00416	0.0000399	0.000353	0.00018	0.146	0.00000202	0.000224	0.000334	0.00111	0
2045 Jun	0.0139	0.000006	1.78	3.8	0.0296	0.000678	20.1	0.0083	0.00414	0.0000398	0.000357	0.000182	0.148	0.00000201	0.000227	0.000337	0.00111	0
2045 Jul	0.0139	0.00000609	1.8	3.84	0.03	0.000688	20.3	0.00842	0.00415	0.0000399	0.000363	0.000184	0.15	0.00000202	0.00023	0.000341	0.00111	0
2045 Aug	0.014	0.00000615	1.81	3.88	0.0303	0.000695	20.5	0.00851	0.00417	0.0000401	0.000367	0.000186	0.151	0.00000203	0.000232	0.000345	0.00112	0
2045 Sep	0.014	0.0000062	1.82	3.9	0.0305	0.000701	20.5	0.00858	0.00417	0.0000401	0.00037	0.000187	0.152	0.00000203	0.000234	0.000347	0.00112	0
2045 Oct	0.014	0.00000621	1.82	3.91	0.0306	0.000702	20.6	0.0086	0.00417	0.0000402	0.000371	0.000187	0.153	0.00000203	0.000235	0.000348	0.00113	0
2045 Nov	0.014	0.00000622	1.82	3.91	0.0306	0.000702	20.6	0.0086	0.00417	0.0000402	0.000371	0.000187	0.153	0.00000203	0.000235	0.000348	0.00113	0
2045 Dec	0.014	0.00000622	1.82	3.91	0.0306	0.000703	20.6	0.0086	0.00417	0.0000402	0.000371	0.000187	0.153	0.00000203	0.000235	0.000348	0.00113	0
2046 Jan	0.014	0.00000622	1.82	3.91	0.0306	0.000703	20.6	0.0086	0.00417	0.0000402	0.000371	0.000187	0.153	0.00000203	0.000235	0.000348	0.00113	0
2046 Feb	0.014	0.00000622	1.82	3.91	0.0306	0.000703	20.6	0.0086	0.00417	0.0000402	0.000371	0.000187	0.153	0.00000203	0.000235	0.000348	0.00113	0
2046 Mar	0.014	0.00000622	1.82	3.91	0.0306	0.000703	20.6	0.0086	0.00417	0.0000402	0.000371	0.000187	0.153	0.00000203	0.000235	0.000348	0.00113	0
2046 Apr	0.0141	0.00000622	1.82	3.92	0.0306	0.000703	20.6	0.00861	0.00418	0.0000402	0.000371	0.000188	0.153	0.00000203	0.000235	0.000349	0.00113	0
2046 May	0.0141	0.00000624	1.83	3.93	0.0307	0.000705	20.6	0.00863	0.00418	0.0000403	0.000372	0.000188	0.153	0.00000204	0.000236	0.000349	0.00113	0
2046 Jun	0.014	0.00000631	1.84	3.96	0.0311	0.000713	20.7	0.00874	0.00415	0.0000401	0.000377	0.00019	0.155	0.00000202	0.000239	0.000353	0.00113	0
2046 Jul	0.014	0.00000641	1.85	4	0.0316	0.000724	20.8	0.00889	0.00413	0.0000399	0.000383	0.000192	0.157	0.00000201	0.000243	0.000358	0.00113	0
2046 Aug	0.0141	0.00000647	1.87	4.04	0.0319	0.000731	21	0.00898	0.00415	0.0000401	0.000387	0.000194	0.158	0.00000202	0.000245	0.000361	0.00114	0
2046 Sep	0.014	0.00000653	1.87	4.07	0.0322	0.000738	21	0.00906	0.00414	0.00004	0.00039	0.000195	0.16	0.00000202	0.000247	0.000364	0.00114	0
2046 Oct	0.014	0.00000655	1.88	4.08	0.0323	0.00074	21.1	0.0091	0.00413	0.00004	0.000392	0.000196	0.16	0.00000202	0.000248	0.000365	0.00114	0
2046 Nov	0.014	0.00000656	1.88	4.08	0.0323	0.000741	21.1	0.0091	0.00413	0.00004	0.000392	0.000196	0.16	0.00000202	0.000248	0.000366	0.00114	0
2046 Dec	0.014	0.00000656	1.88	4.08	0.0323	0.000741	21.1	0.0091	0.00413	0.00004	0.000392	0.000196	0.16	0.00000202	0.000248	0.000366	0.00114	0
2047 Jan	0.014	0.00000656	1.88	4.08	0.0323	0.000741	21.1	0.0091	0.00413	0.00004	0.000392	0.000196	0.16	0.00000202	0.000248	0.000366	0.00114	0
2047 Feb	0.014	0.00000656	1.88	4.08	0.0323	0.000741	21.1	0.0091	0.00413	0.00004	0.000392	0.000196	0.16	0.00000202	0.000248	0.000366	0.00114	0
2047 Mar	0.014	0.00000656	1.88	4.08	0.0323	0.000741	21.1	0.00911	0.00413	0.00004	0.000392	0.000196	0.16	0.00000202	0.000249	0.000366	0.00114	0
2047 Apr	0.014	0.00000656	1.88	4.08	0.0324	0.000741	21.1	0.00911	0.00413	0.00004	0.000393	0.000196	0.16	0.00000202	0.000249	0.000366	0.00114	0
2047 May	0.014	0.00000658	1.88	4.09	0.0324	0.000743	21.1	0.00913	0.00414	0.00004	0.000394	0.000197	0.161	0.00000202	0.000249	0.000367	0.00114	0
2047 Jun	0.014	0.00000666	1.89	4.13	0.0328	0.000752	21.2	0.00925	0.00411	0.0000399	0.000399	0.000199	0.162	0.00000201	0.000252	0.000371	0.00114	0
2047 Jul	0.0141	0.00000673	1.91	4.17	0.0332	0.00076	21.4	0.00935	0.00414	0.0000401	0.000403	0.000201	0.164	0.00000202	0.000255	0.000375	0.00115	0
2047 Aug	0.0142	0.0000068	1.93	4.21	0.0336	0.000768	21.6	0.00945	0.00416	0.0000404	0.000407	0.000203	0.166	0.00000204	0.000258	0.000378	0.00116	0
2047 Sep	0.0142	0.00000686	1.93	4.24	0.0338	0.000774	21.6	0.00953	0.00416	0.0000404	0.000411	0.000204	0.167	0.00000203	0.00026	0.000381	0.00116	0
2047 Oct	0.0142	0.00000688	1.94	4.25	0.0339	0.000777	21.7	0.00957	0.00415	0.0000403	0.000412	0.000205	0.167	0.00000203	0.000261	0.000382	0.00116	0
2047 Nov	0.0142	0.00000689	1.94	4.25	0.034	0.000778	21.7	0.00958	0.00415	0.0000403	0.000413	0.000205	0.168	0.00000203	0.000261	0.000383	0.00116	0
2047 Dec	0.0142	0.00000689	1.94	4.25	0.034	0.000778	21.7	0.00958	0.00415	0.0000403	0.000413	0.000205	0.168	0.00000203	0.000261	0.000383	0.00116	0
2048 Jan	0.0142	0.00000689	1.94	4.25	0.034	0.000778	21.7	0.00958	0.00415	0.0000403	0.000413	0.000205	0.168	0.00000203	0.000261	0.000383	0.00116	0
2048 Feb	0.0142	0.00000689	1.94	4.25	0.034	0.000778	21.7	0.00958	0.00415	0.0000403	0.000413	0.000205	0.168	0.00000203	0.000261	0.000383	0.00116	0
2048 Mar	0.0142	0.00000689	1.94	4.25	0.034	0.000778	21.7	0.00958	0.00415	0.0000403	0.000413	0.000205	0.168	0.00000203	0.000261	0.000383	0.00116	0
2048 Apr	0.0142	0.00000689	1.94	4.25	0.034	0.000778	21.7	0.00958	0.00415	0.0000403	0.000413	0.000205	0.168	0.00000203	0.000261	0.000383	0.00116	0
2048 May	0.0142	0.00000691	1.94	4.26	0.0341	0.00078	21.7	0.00961	0.00416	0.0000404	0.000414	0.000206	0.168	0.00000204	0.000262	0.000384	0.00117	0
2048 Jun	0.0141	0.00000698	1.95	4.29	0.0344	0.000788	21.8	0.00971	0.00413	0.0000402	0.000418	0.000207	0.169	0.00000202	0.000265	0.000387	0.00117	0
2048 Jul	0.0141	0.00000707	1.96	4.34	0.0349	0.000798	21.9	0.00985	0.00412	0.0000401	0.000424	0.00021	0.171	0.00000202	0.000269	0.000392	0.00117	0
2048 Aug	0.0142	0.00000715	1.98	4.38	0.0353	0.000807	22	0.00996	0.00413	0.0000402	0.000429	0.000212	0.173	0.00000202	0.000272	0.000396	0.00118	0
2048 Sep	0.0142	0.0000072	1.99	4.41	0.0355	0.000813	22.1	0.01	0.00412	0.0000402	0.000432	0.000213	0.174	0.00000202	0.000274	0.000398	0.00118	0
2048 Oct	0.0142	0.00000722	1.99	4.42	0.0356	0.000815	22.1	0.0101	0.00412	0.0000401	0.000434	0.000214	0.175	0.00000202	0.000274	0.0004	0.00118	0
2048 Nov	0.0142	0.00000722	1.99	4.42	0.0357	0.000816	22.2	0.0101	0.00412	0.0000401	0.000434	0.000214	0.175	0.00000202	0.000275	0.0004	0.00118	0
2048 Dec	0.0142	0.00000723	1.99	4.42	0.0357	0.000816	22.2	0.0101	0.00412	0.0000402	0.000434	0.000214	0.175	0.00000202	0.000275	0.0004	0.00118	0
2049 Jan	0.0142	0.00000723	1.99	4.42	0.0357	0.000816	22.2	0.0101	0.00412	0.0000402	0.000434	0.000214	0.175	0.00000202	0.000275	0.0004	0.00118	0
2049 Feb	0.0142	0.00000723	1.99	4.42	0.0357	0.000816	22.2	0.0101	0.00412	0.0000402	0.000434	0.000214	0.175	0.00000202	0.000275	0.0004	0.00118	0
2049 Mar	0.0142	0.00000723	1.99	4.42	0.0357	0.000816	22.2	0.0101	0.00412	0.0000402	0.000434	0.000214	0.175	0.00000202	0.000275	0.0004	0.00118	0
2049 Apr	0.0142	0.00000723	1.99	4.42	0.0357	0.000816	22.2	0.0101	0.00412	0.0000402	0.000434	0.000214	0.175	0.00000202	0.000275	0.0004	0.00118	0
2049 May	0.0142	0.00000725	2	4.43	0.0358	0.000818	22.2	0.0101	0.00413	0.0000403	0.000435	0.000214	0.175	0.00000203	0.000276	0.000401	0.00118	0
2049 Jun	0.0141	0.00000731	2	4.46	0.0361	0.000826	22.3	0.0102	0.0041	0.00004	0.000439	0.000216	0.177	0.00000201	0.000278	0.000404	0.00118	0
2049 Jul	0.0141	0.0000074	2.02	4.5	0.0366	0.000836	22.4	0.0103	0.00409	0.00004	0.000445	0.000218	0.179	0.00000201	0.000282	0.000409	0.00118	0
2049 Aug	0.0143	0.00000748	2.04	4.55	0.0369	0.000844	22.6	0.0104	0.00412	0.0000403	0.00045	0.00022	0.181	0.00000203	0.000285	0.000413	0.00119	0
2049 Sep	0.0143	0.00000753	2.04	4.58	0.0372	0.00085	22.7	0.0105	0.00411	0.0000402	0.000453	0.000222	0.182	0.00000202	0.000287	0.000416	0.0012	0
2049 Oct	0.0142	0.00000756	2.05	4.59	0.0373	0.000853	22.7	0.0106	0.0041	0.0000402	0.000455	0.000222	0.182	0.00000202	0.000288	0.000417	0.0012	0
2049 Nov	0.0142	0.00000756	2.05	4.59	0.0374	0.000854	22.7	0.0106	0.0041	0.0000402	0.000455	0.000223	0.182	0.00000202	0.000288	0.000417	0.0012	0
2049 Dec	0.0142	0.00000756	2.05	4.59	0.0374	0.000854	22.7	0.0106	0.00411	0.0000402	0.000455	0.000223	0.182	0.00000202	0.000288	0.000417	0.0012	0
2050 Jan	0.0142	0.00000756	2.05	4.59	0.0374	0.000854	22.7	0.0106	0.00411	0.0000402	0.000455	0.000223	0.182	0.00000202	0.000288	0.000417	0.0012	0
2050 Feb	0.0142	0.00000756	2.05	4.59	0.0374	0.000854	22.7	0.0106	0.00411	0.0000402	0.000455	0.000223	0.182	0.00000202	0.000288	0.000417	0.0012	0
2050 Mar	0.0142	0.00000756	2.05	4.59	0.0374	0.000854	22.7	0.0106	0.00411	0.0000402	0.000455	0.000223	0.182	0.00000202	0.000288	0.000417	0.0012	0
2050 Apr	0.0143	0.00000757	2.05	4.59	0.0374	0.000854	22.7	0.0106	0.00411	0.0000402	0.000455	0.000223	0.182	0.00000202	0.000288	0.000417	0.0012	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.0143	0.00000758	2.05	4.6	0.0375	0.000856	22.8	0.0106	0.00411	0.0000403	0.000456	0.000223	0.183	0.00000203	0.000289	0.000418	0.0012	0
2050 Jun	0.0142	0.00000764	2.06	4.63	0.0378	0.000862	22.8	0.0107	0.00409	0.0000401	0.00046	0.000225	0.184	0.00000202	0.000291	0.000421	0.0012	0
2050 Jul	0.0142	0.00000772	2.07	4.67	0.0382	0.000872	22.9	0.0108	0.00408	0.00004	0.000465	0.000227	0.186	0.00000201	0.000294	0.000425	0.0012	0
2050 Aug	0.0143	0.00000779	2.09	4.71	0.0385	0.00088	23.1	0.0109	0.00409	0.0000402	0.00047	0.000229	0.187	0.00000202	0.000297	0.000429	0.00121	0
2050 Sep	0.0143	0.00000784	2.1	4.73	0.0388	0.000885	23.1	0.011	0.00409	0.0000402	0.000472	0.00023	0.188	0.00000202	0.000299	0.000431	0.00121	0
2050 Oct	0.0143	0.00000786	2.1	4.74	0.0388	0.000887	23.2	0.011	0.0041	0.0000403	0.000473	0.00023	0.189	0.00000202	0.0003	0.000432	0.00121	0
2050 Nov	0.0143	0.00000786	2.1	4.74	0.0389	0.000887	23.2	0.011	0.0041	0.0000403	0.000474	0.00023	0.189	0.00000202	0.0003	0.000433	0.00122	0
2050 Dec	0.0143	0.00000786	2.1	4.74	0.0389	0.000887	23.2	0.011	0.0041	0.0000403	0.000474	0.00023	0.189	0.00000202	0.0003	0.000433	0.00122	0
2051 Jan	0.0143	0.00000786	2.1	4.74	0.0389	0.000887	23.2	0.011	0.0041	0.0000403	0.000474	0.00023	0.189	0.00000202	0.0003	0.000433	0.00122	0
2051 Feb	0.0143	0.00000786	2.1	4.74	0.0389	0.000887	23.2	0.011	0.0041	0.0000403	0.000474	0.00023	0.189	0.00000202	0.0003	0.000433	0.00122	0
2051 Mar	0.0143	0.00000786	2.1	4.74	0.0389	0.000887	23.2	0.011	0.0041	0.0000403	0.000474	0.000231	0.189	0.00000202	0.0003	0.000433	0.00122	0
2051 Apr	0.0143	0.00000787	2.1	4.75	0.0389	0.000888	23.2	0.011	0.0041	0.0000403	0.000474	0.000231	0.189	0.00000203	0.0003	0.000433	0.00122	0
2051 May	0.0144	0.00000788	2.11	4.76	0.039	0.00089	23.3	0.011	0.00411	0.0000404	0.000475	0.000231	0.19	0.00000203	0.000301	0.000434	0.00122	0
2051 Jun	0.0142	0.00000795	2.11	4.78	0.0393	0.000898	23.3	0.0111	0.00407	0.00004	0.00048	0.000233	0.191	0.00000201	0.000303	0.000437	0.00122	0
2051 Jul	0.0143	0.00000805	2.13	4.83	0.0398	0.000908	23.4	0.0113	0.00407	0.0000401	0.000485	0.000235	0.193	0.00000201	0.000307	0.000442	0.00122	0
2051 Aug	0.0143	0.00000812	2.14	4.87	0.0402	0.000917	23.6	0.0114	0.00407	0.0000402	0.00049	0.000237	0.195	0.00000202	0.00031	0.000446	0.00123	0
2051 Sep	0.0143	0.00000818	2.15	4.9	0.0404	0.000923	23.6	0.0115	0.00406	0.0000401	0.000494	0.000239	0.196	0.00000201	0.000312	0.000449	0.00123	0
2051 Oct	0.0142	0.0000082	2.15	4.91	0.0406	0.000925	23.6	0.0115	0.00404	0.0000399	0.000495	0.000239	0.196	0.000002	0.000313	0.00045	0.00123	0
2051 Nov	0.0142	0.00000821	2.15	4.91	0.0406	0.000926	23.6	0.0115	0.00404	0.0000399	0.000496	0.000239	0.196	0.000002	0.000313	0.00045	0.00123	0
2051 Dec	0.0142	0.00000821	2.15	4.91	0.0406	0.000926	23.6	0.0115	0.00404	0.0000399	0.000496	0.000239	0.196	0.000002	0.000313	0.00045	0.00123	0
2052 Jan	0.0142	0.00000821	2.15	4.91	0.0406	0.000926	23.6	0.0115	0.00404	0.0000399	0.000496	0.000239	0.196	0.000002	0.000313	0.00045	0.00123	0
2052 Feb	0.0142	0.00000821	2.15	4.91	0.0406	0.000926	23.6	0.0115	0.00404	0.0000399	0.000496	0.000239	0.196	0.000002	0.000313	0.00045	0.00123	0
2052 Mar	0.0142	0.00000821	2.15	4.91	0.0406	0.000926	23.6	0.0115	0.00404	0.0000399	0.000496	0.000239	0.196	0.000002	0.000313	0.00045	0.00123	0
2052 Apr	0.0142	0.00000821	2.15	4.91	0.0406	0.000927	23.6	0.0115	0.00404	0.0000399	0.000496	0.000239	0.197	0.000002	0.000314	0.00045	0.00123	0
2052 May	0.0143	0.00000823	2.16	4.92	0.0407	0.000929	23.7	0.0115	0.00404	0.00004	0.000497	0.00024	0.197	0.000002	0.000314	0.000451	0.00123	0
2052 Jun	0.0143	0.00000829	2.17	4.95	0.041	0.000936	23.8	0.0116	0.00404	0.0000399	0.000501	0.000242	0.198	0.000002	0.000317	0.000454	0.00123	0
2052 Jul	0.0143	0.00000839	2.18	5	0.0415	0.000946	24	0.0118	0.00405	0.0000401	0.000507	0.000244	0.2	0.00000201	0.00032	0.000459	0.00124	0
2052 Aug	0.0144	0.00000846	2.2	5.04	0.0419	0.000955	24.1	0.0119	0.00406	0.0000402	0.000511	0.000246	0.202	0.00000201	0.000323	0.000463	0.00125	0
2052 Sep	0.0144	0.00000851	2.21	5.07	0.0421	0.00096	24.2	0.0119	0.00406	0.0000402	0.000514	0.000247	0.203	0.00000201	0.000325	0.000466	0.00125	0
2052 Oct	0.0144	0.00000853	2.21	5.08	0.0422	0.000962	24.2	0.012	0.00406	0.0000402	0.000516	0.000248	0.204	0.00000201	0.000326	0.000467	0.00125	0
2052 Nov	0.0144	0.00000853	2.21	5.08	0.0422	0.000963	24.2	0.012	0.00406	0.0000402	0.000516	0.000248	0.204	0.00000202	0.000326	0.000467	0.00125	0
2052 Dec	0.0144	0.00000853	2.21	5.08	0.0422	0.000963	24.2	0.012	0.00406	0.0000402	0.000516	0.000248	0.204	0.00000202	0.000326	0.000467	0.00125	0
2053 Jan	0.0144	0.00000853	2.21	5.08	0.0422	0.000963	24.2	0.012	0.00406	0.0000402	0.000516	0.000248	0.204	0.00000202	0.000326	0.000467	0.00125	0
2053 Feb	0.0144	0.00000853	2.21	5.08	0.0422	0.000963	24.2	0.012	0.00406	0.0000402	0.000516	0.000248	0.204	0.00000202	0.000326	0.000467	0.00125	0
2053 Mar	0.0144	0.00000853	2.21	5.08	0.0422	0.000963	24.2	0.012	0.00406	0.0000402	0.000516	0.000248	0.204	0.00000202	0.000326	0.000467	0.00125	0
2053 Apr	0.0144	0.00000854	2.21	5.08	0.0423	0.000964	24.3	0.012	0.00406	0.0000402	0.000516	0.000248	0.204	0.00000202	0.000326	0.000467	0.00125	0
2053 May	0.0144	0.00000856	2.22	5.1	0.0424	0.000966	24.3	0.012	0.00406	0.0000403	0.000518	0.000249	0.204	0.00000202	0.000327	0.000469	0.00125	0
2053 Jun	0.0143	0.00000863	2.22	5.12	0.0427	0.000973	24.3	0.0121	0.00403	0.00004	0.000522	0.00025	0.206	0.000002	0.00033	0.000471	0.00125	0
2053 Jul	0.0144	0.00000871	2.24	5.17	0.0431	0.000983	24.5	0.0122	0.00404	0.0000402	0.000527	0.000253	0.208	0.00000201	0.000333	0.000476	0.00126	0
2053 Aug	0.0145	0.0000088	2.26	5.22	0.0436	0.000993	24.7	0.0124	0.00407	0.0000404	0.000533	0.000255	0.21	0.00000202	0.000337	0.000481	0.00127	0
2053 Sep	0.0146	0.00000885	2.27	5.25	0.0438	0.000999	24.8	0.0124	0.00408	0.0000406	0.000536	0.000257	0.211	0.00000203	0.000339	0.000483	0.00127	0
2053 Oct	0.0146	0.00000887	2.28	5.26	0.0439	0.001	24.9	0.0125	0.00409	0.0000406	0.000537	0.000257	0.211	0.00000203	0.000339	0.000485	0.00128	0
2053 Nov	0.0146	0.00000888	2.28	5.26	0.0439	0.001	24.9	0.0125	0.00409	0.0000406	0.000537	0.000257	0.211	0.00000203	0.00034	0.000485	0.00128	0
2053 Dec	0.0146	0.00000888	2.28	5.26	0.0439	0.001	24.9	0.0125	0.00409	0.0000406	0.000537	0.000257	0.211	0.00000203	0.00034	0.000485	0.00128	0
2054 Jan	0.0146	0.00000888	2.28	5.26	0.0439	0.001	24.9	0.0125	0.00409	0.0000406	0.000537	0.000257	0.211	0.00000203	0.00034	0.000485	0.00128	0
2054 Feb	0.0146	0.00000888	2.28	5.26	0.0439	0.001	24.9	0.0125	0.00409	0.0000406	0.000537	0.000257	0.211	0.00000203	0.00034	0.000485	0.00128	0
2054 Mar	0.0146	0.00000888	2.28	5.26	0.0439	0.001	24.9	0.0125	0.00409	0.0000406	0.000537	0.000257	0.211	0.00000203	0.00034	0.000485	0.00128	0
2054 Apr	0.0146	0.00000888	2.28	5.26	0.044	0.001	24.9	0.0125	0.00409	0.0000406	0.000538	0.000257	0.212	0.00000204	0.00034	0.000485	0.00128	0
2054 May	0.0146	0.0000089	2.28	5.28	0.0441	0.001	25	0.0125	0.0041	0.0000407	0.000539	0.000258	0.212	0.00000204	0.000341	0.000486	0.00128	0
2054 Jun	0.0145	0.00000896	2.29	5.3	0.0444	0.00101	25	0.0126	0.00406	0.0000404	0.000542	0.000259	0.213	0.00000202	0.000343	0.000489	0.00128	0
2054 Jul	0.0145	0.00000904	2.3	5.34	0.0448	0.00102	25.1	0.0127	0.00406	0.0000404	0.000547	0.000261	0.215	0.00000202	0.000346	0.000493	0.00128	0
2054 Aug	0.0146	0.00000911	2.32	5.38	0.0451	0.00103	25.2	0.0128	0.00406	0.0000405	0.000552	0.000263	0.217	0.00000203	0.000349	0.000497	0.00129	0
2054 Sep	0.0146	0.00000916	2.32	5.4	0.0454	0.00103	25.3	0.0129	0.00406	0.0000405	0.000555	0.000265	0.218	0.00000203	0.000351	0.000499	0.00129	0
2054 Oct	0.0146	0.00000918	2.33	5.41	0.0455	0.00104	25.3	0.0129	0.00406	0.0000405	0.000556	0.000265	0.218	0.00000203	0.000352	0.0005	0.00129	0
2054 Nov	0.0146	0.00000919	2.33	5.41	0.0455	0.00104	25.3	0.0129	0.00406	0.0000405	0.000557	0.000265	0.218	0.00000202	0.000352	0.000501	0.00129	0
2054 Dec	0.0146	0.00000919	2.33	5.41	0.0455	0.00104	25.3	0.0129	0.00406	0.0000405	0.000557	0.000265	0.218	0.00000203	0.000352	0.000501	0.00129	0
2055 Jan	0.0146	0.00000919	2.33	5.41	0.0455	0.00104	25.3	0.0129	0.00406	0.0000405	0.000557	0.000265	0.218	0.00000203	0.000352	0.000501	0.00129	0
2055 Feb	0.0146	0.00000919	2.33	5.41	0.0455	0.00104	25.3	0.0129	0.00406	0.0000405	0.000557	0.000265	0.218	0.00000203	0.000352	0.000501	0.00129	0
2055 Mar	0.0146	0.00000919	2.33	5.41	0.0455	0.00104	25.3	0.0129	0.00406	0.0000405	0.000557	0.000265	0.218	0.00000203	0.000352	0.000501	0.00129	0
2055 Apr	0.0146	0.00000919	2.33	5.42	0.0455	0.00104	25.3	0.0129	0.00406	0.0000405	0.000557	0.000265	0.218	0.00000203	0.000352	0.000501	0.00129	0
2055 May	0.0146	0.00000921	2.33	5.43	0.0456	0.00104	25.4	0.013	0.00407	0.0000406	0.000558	0.000266	0.219	0.00000203	0.000353	0.000502	0.00129	0
2055 Jun	0.0145	0.00000925	2.34	5.44	0.0458	0.00104	25.4	0.013	0.00404	0.0000403	0.000561	0.000267	0.22	0.00000202	0.000355	0.000504	0.00129	0
2055 Jul	0.0146	0.00000934	2.35	5.49	0.0463	0.00105	25.5	0.0131	0.00403	0.0000404	0.000566	0.000269	0.222	0.00000202	0.000358	0.000508	0.0013	0
2055 Aug	0.0146	0.00000942	2.37	5.53	0.0467	0.00106	25.7	0.0133	0.00405	0.0000406	0.000571	0.000271	0.223	0.00000203	0.000361	0.000513	0.0013	0
2055 Sep	0.0147	0.00000947	2.38	5.56	0.0469	0.00107	25.8	0.0133	0.00405	0.0000406	0.000574	0.000273	0.224	0.00000203	0.000363	0.000515	0.00131	0
2055 Oct	0.0147	0.00000949	2.38	5.57	0.047	0.00107	25.8	0.0134	0.00406	0.0000406	0.000575	0.000273	0.225	0.00000203	0.000364	0.000516	0.00131	0
2055 Nov	0.0147	0.00000949	2.38	5.57	0.047	0.00107	25.9	0.0134	0.00406	0.0000406	0.000576	0.000273	0.225	0.00000203	0.000364	0.000516	0.00131	0
2055 Dec	0.0147	0.00000949	2.38	5.57	0.047	0.00107	25.9	0.0134	0.00406	0.0000406	0.000576	0.000273	0.225	0.00000203	0.000364	0.000516	0.00131	0
2056 Jan	0.0147	0.00000949	2.38	5.57	0.047	0.00107	25.9	0.0134	0.00406	0.0000406	0.000576	0.000273	0.225	0.00000203	0.000364	0.000516	0.00131	0
2056 Feb	0.0147	0.00000949	2.38	5.57	0.047	0.00107	25.9	0.0134	0.00406	0.0000406	0.000576	0.000273	0.225	0.00000203	0.000364	0.000516	0.00131	0
2056 Mar	0.0147	0.00000949	2.38	5.57	0.047	0.00107	25.9	0.0134	0.00406	0.0000406	0.000576	0.000273	0.225	0.00000203	0.000364	0.000516	0.00131	0
2056 Apr	0.0147	0.0000095	2.38	5.57	0.0471	0.00107	25.9	0.0134	0.00406	0.0000407	0.000576	0.000274	0.225	0.00000203	0.000364	0.000517	0.00131	0
2056 May	0.0147	0.00000952	2.39	5.59	0.0472	0.00107	25.9	0.0134	0.00406	0.0000407	0.000578	0.000274	0.226	0.00000203	0.000365	0.000518	0.00131	0
2056 Jun	0.0146	0.00000958	2.39	5.61	0.0475	0.00108	25.9	0.0135	0.00403	0.0000404	0.000581	0.000275	0.227	0.00000202	0.000367	0.000521	0.00131	0
2056 Jul	0.0147	0.00000967	2.41	5.66	0.0479	0.00109	26.1	0.0136	0.00405	0.0000407	0.000587	0.000278	0.229	0.00000203	0.000371	0.000525	0.00132	0
2056 Aug	0.0148	0.00000975	2.43	5.7	0.0483	0.0011	26.3	0.0137	0.00406	0.0000408	0.000592	0.00028	0.231	0.00000204	0.000374	0.00053	0.00133	0
2056 Sep	0.0148	0.0000098	2.44	5.73	0.0486	0.00111	26.4	0.0138	0.00407	0.0000409	0.000595	0.000282	0.232	0.00000204	0.000376	0.000533	0.00133	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0148	0.00000982	2.44	5.74	0.0487	0.00111	26.4	0.0138	0.00407	0.0000409	0.000596	0.000282	0.232	0.00000204	0.000377	0.000533	0.00133	0
2056 Nov	0.0148	0.00000983	2.44	5.74	0.0487	0.00111	26.4	0.0139	0.00407	0.0000409	0.000597	0.000282	0.232	0.00000204	0.000377	0.000534	0.00133	0
2056 Dec	0.0148	0.00000983	2.44	5.74	0.0487	0.00111	26.4	0.0139	0.00407	0.0000409	0.000597	0.000282	0.233	0.00000204	0.000377	0.000534	0.00133	0
2057 Jan	0.0148	0.00000983	2.44	5.74	0.0487	0.00111	26.4	0.0139	0.00407	0.0000409	0.000597	0.000282	0.233	0.00000204	0.000377	0.000534	0.00133	0
2057 Feb	0.0148	0.00000983	2.44	5.74	0.0487	0.00111	26.4	0.0139	0.00407	0.0000409	0.000597	0.000282	0.233	0.00000204	0.000377	0.000534	0.00133	0
2057 Mar	0.0148	0.00000983	2.44	5.74	0.0487	0.00111	26.4	0.0139	0.00407	0.0000409	0.000597	0.000282	0.233	0.00000204	0.000377	0.000534	0.00133	0
2057 Apr	0.0148	0.00000983	2.44	5.75	0.0487	0.00111	26.5	0.0139	0.00407	0.0000409	0.000597	0.000282	0.233	0.00000204	0.000377	0.000534	0.00133	0
2057 May	0.0148	0.00000986	2.45	5.76	0.0489	0.00111	26.5	0.0139	0.00408	0.000041	0.000599	0.000283	0.233	0.00000205	0.000378	0.000535	0.00134	0
2057 Jun	0.0148	0.00000991	2.45	5.78	0.0491	0.00112	26.5	0.014	0.00404	0.0000407	0.000602	0.000284	0.234	0.00000203	0.00038	0.000538	0.00133	0
2057 Jul	0.0148	0.00001	2.47	5.83	0.0496	0.00113	26.7	0.0141	0.00405	0.0000408	0.000607	0.000287	0.236	0.00000204	0.000384	0.000542	0.00134	0
2057 Aug	0.0149	0.0000101	2.5	5.89	0.0501	0.00114	27	0.0143	0.00409	0.0000412	0.000614	0.00029	0.239	0.00000206	0.000388	0.000548	0.00135	0
2057 Sep	0.015	0.0000102	2.51	5.92	0.0504	0.00115	27.1	0.0143	0.0041	0.0000413	0.000617	0.000291	0.24	0.00000206	0.00039	0.000551	0.00136	0
2057 Oct	0.015	0.0000102	2.51	5.93	0.0505	0.00115	27.1	0.0144	0.0041	0.0000413	0.000619	0.000292	0.24	0.00000206	0.000391	0.000552	0.00136	0
2057 Nov	0.015	0.0000102	2.51	5.93	0.0505	0.00115	27.1	0.0144	0.0041	0.0000413	0.000619	0.000292	0.241	0.00000206	0.000391	0.000552	0.00136	0
2057 Dec	0.015	0.0000102	2.51	5.93	0.0505	0.00115	27.1	0.0144	0.0041	0.0000413	0.000619	0.000292	0.241	0.00000206	0.000391	0.000552	0.00136	0
2058 Jan	0.015	0.0000102	2.51	5.93	0.0505	0.00115	27.1	0.0144	0.0041	0.0000413	0.000619	0.000292	0.241	0.00000206	0.000391	0.000552	0.00136	0
2058 Feb	0.015	0.0000102	2.51	5.93	0.0505	0.00115	27.1	0.0144	0.0041	0.0000413	0.000619	0.000292	0.241	0.00000206	0.000391	0.000552	0.00136	0
2058 Mar	0.015	0.0000102	2.51	5.93	0.0505	0.00115	27.1	0.0144	0.0041	0.0000413	0.000619	0.000292	0.241	0.00000206	0.000391	0.000552	0.00136	0
2058 Apr	0.015	0.0000102	2.51	5.94	0.0505	0.00115	27.1	0.0144	0.0041	0.0000413	0.000619	0.000292	0.241	0.00000206	0.000391	0.000553	0.00136	0
2058 May	0.015	0.0000102	2.52	5.95	0.0507	0.00115	27.2	0.0144	0.0041	0.0000414	0.000621	0.000293	0.241	0.00000206	0.000392	0.000554	0.00136	0
2058 Jun	0.0149	0.0000103	2.51	5.96	0.0508	0.00116	27.1	0.0145	0.00405	0.0000409	0.000623	0.000293	0.242	0.00000204	0.000394	0.000556	0.00136	0
2058 Jul	0.0149	0.0000103	2.53	6.01	0.0513	0.00117	27.3	0.0146	0.00406	0.000041	0.000629	0.000296	0.244	0.00000205	0.000397	0.00056	0.00136	0
2058 Aug	0.015	0.0000104	2.55	6.05	0.0517	0.00118	27.5	0.0147	0.00408	0.0000412	0.000634	0.000298	0.246	0.00000206	0.000401	0.000565	0.00137	0
2058 Sep	0.015	0.0000105	2.56	6.08	0.052	0.00118	27.6	0.0148	0.00408	0.0000413	0.000637	0.0003	0.247	0.00000206	0.000402	0.000567	0.00137	0
2058 Oct	0.015	0.0000105	2.56	6.09	0.0521	0.00118	27.6	0.0148	0.00408	0.0000412	0.000638	0.0003	0.247	0.00000206	0.000403	0.000568	0.00138	0
2058 Nov	0.015	0.0000105	2.56	6.09	0.0521	0.00118	27.6	0.0148	0.00408	0.0000413	0.000639	0.0003	0.248	0.00000206	0.000403	0.000569	0.00138	0
2058 Dec	0.015	0.0000105	2.56	6.09	0.0521	0.00118	27.6	0.0148	0.00408	0.0000413	0.000639	0.0003	0.248	0.00000206	0.000403	0.000569	0.00138	0
2059 Jan	0.015	0.0000105	2.56	6.09	0.0521	0.00118	27.6	0.0148	0.00408	0.0000413	0.000639	0.0003	0.248	0.00000206	0.000403	0.000569	0.00138	0
2059 Feb	0.015	0.0000105	2.56	6.09	0.0521	0.00118	27.6	0.0148	0.00408	0.0000413	0.000639	0.0003	0.248	0.00000206	0.000403	0.000569	0.00138	0
2059 Mar	0.015	0.0000105	2.56	6.09	0.0521	0.00118	27.6	0.0148	0.00408	0.0000413	0.000639	0.0003	0.248	0.00000206	0.000403	0.000569	0.00138	0
2059 Apr	0.015	0.0000105	2.56	6.09	0.0521	0.00118	27.6	0.0148	0.00408	0.0000413	0.000639	0.0003	0.248	0.00000206	0.000404	0.000569	0.00138	0
2059 May	0.0151	0.0000105	2.57	6.11	0.0522	0.00119	27.7	0.0149	0.00408	0.0000413	0.000641	0.000301	0.248	0.00000206	0.000405	0.00057	0.00138	0
2059 Jun	0.015	0.0000106	2.58	6.14	0.0525	0.00119	27.8	0.015	0.00407	0.0000413	0.000644	0.000303	0.25	0.00000206	0.000407	0.000573	0.00138	0
2059 Jul	0.0152	0.0000107	2.6	6.2	0.0531	0.00121	28	0.0151	0.00411	0.0000416	0.000651	0.000306	0.252	0.00000207	0.000411	0.000579	0.00139	0
2059 Aug	0.0153	0.0000108	2.63	6.25	0.0535	0.00122	28.3	0.0152	0.00414	0.0000419	0.000657	0.000308	0.254	0.00000209	0.000415	0.000584	0.0014	0
2059 Sep	0.0153	0.0000108	2.64	6.28	0.0538	0.00122	28.3	0.0153	0.00414	0.000042	0.00066	0.00031	0.255	0.00000209	0.000417	0.000587	0.00141	0
2059 Oct	0.0152	0.0000109	2.63	6.28	0.0538	0.00122	28.3	0.0153	0.00411	0.0000417	0.000661	0.00031	0.255	0.00000208	0.000417	0.000587	0.0014	0
2059 Nov	0.0152	0.0000109	2.63	6.28	0.0539	0.00122	28.3	0.0153	0.00411	0.0000417	0.000661	0.00031	0.256	0.00000208	0.000417	0.000587	0.0014	0
2059 Dec	0.0152	0.0000109	2.63	6.28	0.0539	0.00122	28.3	0.0153	0.00411	0.0000417	0.000661	0.00031	0.256	0.00000208	0.000417	0.000587	0.0014	0
2060 Jan	0.0152	0.0000109	2.63	6.28	0.0539	0.00122	28.3	0.0153	0.00411	0.0000417	0.000661	0.00031	0.256	0.00000208	0.000417	0.000587	0.0014	0
2060 Feb	0.0152	0.0000109	2.63	6.28	0.0539	0.00122	28.3	0.0153	0.00411	0.0000417	0.000661	0.00031	0.256	0.00000208	0.000417	0.000587	0.0014	0
2060 Mar	0.0152	0.0000109	2.63	6.28	0.0539	0.00122	28.3	0.0153	0.00411	0.0000417	0.000661	0.00031	0.256	0.00000208	0.000417	0.000587	0.0014	0
2060 Apr	0.0152	0.0000109	2.63	6.28	0.0539	0.00123	28.3	0.0154	0.00411	0.0000418	0.000661	0.00031	0.256	0.00000208	0.000418	0.000588	0.00141	0
2060 May	0.0153	0.0000109	2.64	6.3	0.054	0.00123	28.4	0.0154	0.00412	0.0000418	0.000663	0.000311	0.256	0.00000208	0.000419	0.000589	0.00141	0
2060 Jun	0.0152	0.0000109	2.64	6.32	0.0543	0.00123	28.4	0.0155	0.00409	0.0000416	0.000666	0.000312	0.257	0.00000207	0.000421	0.000591	0.00141	0
2060 Jul	0.0153	0.0000111	2.67	6.38	0.0548	0.00125	28.6	0.0156	0.00412	0.0000419	0.000673	0.000315	0.26	0.00000208	0.000425	0.000597	0.00142	0
2060 Aug	0.0154	0.0000111	2.69	6.43	0.0553	0.00126	28.8	0.0158	0.00413	0.000042	0.000679	0.000317	0.262	0.00000209	0.000429	0.000602	0.00143	0
2060 Sep	0.0153	0.0000112	2.69	6.44	0.0555	0.00126	28.8	0.0158	0.00411	0.0000418	0.000681	0.000318	0.263	0.00000208	0.00043	0.000604	0.00142	0
2060 Oct	0.0153	0.0000112	2.69	6.45	0.0556	0.00126	28.8	0.0158	0.0041	0.0000418	0.000682	0.000319	0.263	0.00000208	0.000431	0.000605	0.00142	0
2060 Nov	0.0153	0.0000112	2.69	6.45	0.0556	0.00126	28.8	0.0158	0.0041	0.0000418	0.000682	0.000319	0.263	0.00000208	0.000431	0.000605	0.00142	0
2060 Dec	0.0153	0.0000112	2.69	6.45	0.0556	0.00126	28.8	0.0158	0.0041	0.0000418	0.000682	0.000319	0.263	0.00000208	0.000431	0.000605	0.00142	0
2061 Jan	0.0153	0.0000112	2.69	6.45	0.0556	0.00126	28.8	0.0158	0.0041	0.0000418	0.000682	0.000319	0.263	0.00000208	0.000431	0.000605	0.00142	0
2061 Feb	0.0153	0.0000112	2.69	6.45	0.0556	0.00126	28.9	0.0158	0.0041	0.0000418	0.000682	0.000319	0.263	0.00000208	0.000431	0.000605	0.00142	0
2061 Mar	0.0153	0.0000112	2.69	6.45	0.0556	0.00126	28.9	0.0158	0.0041	0.0000418	0.000682	0.000319	0.263	0.00000208	0.000431	0.000605	0.00142	0
2061 Apr	0.0153	0.0000112	2.69	6.46	0.0556	0.00126	28.9	0.0158	0.0041	0.0000418	0.000683	0.000319	0.263	0.00000208	0.000431	0.000605	0.00142	0
2061 May	0.0153	0.0000112	2.7	6.47	0.0557	0.00127	28.9	0.0159	0.0041	0.0000418	0.000684	0.00032	0.264	0.00000208	0.000432	0.000606	0.00143	0
2061 Jun	0.0152	0.0000113	2.69	6.48	0.0559	0.00127	28.9	0.0159	0.00406	0.0000414	0.000686	0.00032	0.264	0.00000206	0.000433	0.000608	0.00142	0
2061 Jul	0.0153	0.0000114	2.72	6.54	0.0565	0.00128	29.1	0.0161	0.00408	0.0000417	0.000693	0.000323	0.267	0.00000207	0.000438	0.000614	0.00143	0
2061 Aug	0.0154	0.0000115	2.74	6.6	0.0569	0.00129	29.3	0.0162	0.00411	0.000042	0.000699	0.000326	0.269	0.00000209	0.000442	0.000619	0.00144	0
2061 Sep	0.0154	0.0000115	2.75	6.62	0.0572	0.0013	29.4	0.0163	0.00412	0.0000421	0.000703	0.000327	0.27	0.00000209	0.000444	0.000622	0.00145	0
2061 Oct	0.0154	0.0000115	2.75	6.62	0.0573	0.0013	29.4	0.0163	0.0041	0.0000419	0.000703	0.000328	0.271	0.00000208	0.000444	0.000622	0.00144	0
2061 Nov	0.0154	0.0000115	2.75	6.62	0.0573	0.0013	29.4	0.0163	0.0041	0.0000419	0.000703	0.000328	0.271	0.00000208	0.000444	0.000622	0.00144	0
2061 Dec	0.0154	0.0000115	2.75	6.62	0.0573	0.0013	29.4	0.0163	0.0041	0.0000419	0.000703	0.000328	0.271	0.00000208	0.000444	0.000622	0.00144	0
2062 Jan	0.0154	0.0000115	2.75	6.62	0.0573	0.0013	29.4	0.0163	0.0041	0.0000419	0.000703	0.000328	0.271	0.00000208	0.000444	0.000622	0.00144	0
2062 Feb	0.0154	0.0000115	2.75	6.63	0.0573	0.0013	29.4	0.0163	0.0041	0.0000419	0.000703	0.000328	0.271	0.00000208	0.000444	0.000622	0.00144	0
2062 Mar	0.0154	0.0000115	2.75	6.63	0.0573	0.0013	29.4	0.0163	0.0041	0.0000419	0.000704	0.000328	0.271	0.00000208	0.000444	0.000622	0.00144	0
2062 Apr	0.0154	0.0000115	2.75	6.63	0.0573	0.0013	29.4	0.0163	0.0041	0.0000419	0.000704	0.000328	0.271	0.00000208	0.000444	0.000623	0.00145	0
2062 May	0.0154	0.0000116	2.76	6.64	0.0574	0.0013	29.5	0.0164	0.00411	0.000042	0.000705	0.000328	0.271	0.00000209	0.000445	0.000624	0.00145	0
2062 Jun	0.0154	0.0000116	2.76	6.65	0.0575	0.00131	29.5	0.0164	0.00408	0.0000418	0.000707	0.000329	0.272	0.00000208	0.000446	0.000625	0.00145	0
2062 Jul	0.0154	0.0000117	2.77	6.69	0.0579	0.00132	29.6	0.0165	0.00408	0.0000418	0.000712	0.000331	0.273	0.00000208	0.000449	0.000629	0.00145	0
2062 Aug	0.0154	0.0000118	2.79	6.73	0.0583	0.00132	29.7	0.0166	0.00408	0.0000419	0.000717	0.000333	0.275	0.00000208	0.000453	0.000633	0.00146	0
2062 Sep	0.0154	0.0000118	2.79	6.75	0.0585	0.00133	29.8	0.0167	0.00407	0.0000418	0.000719	0.000334	0.276	0.00000208	0.000454	0.000635	0.00146	0
2062 Oct	0.0153	0.0000118	2.78	6.73	0.0584	0.00133	29.6	0.0167	0.00403	0.0000414	0.000718	0.000333	0.275	0.00000206	0.000453	0.000634	0.00145	0
2062 Nov	0.0153	0.0000118	2.78	6.73	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.000719	0.000334	0.276	0.00000206	0.000454	0.000634	0.00145	0
2062 Dec	0.0153	0.0000118	2.78	6.74	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.000719	0.000334	0.276	0.00000206	0.000454	0.000634	0.00145	0
2063 Jan	0.0153	0.0000118	2.78	6.74	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.000719	0.000334	0.276	0.00000206	0.000454	0.000634	0.00145	0
2063 Feb	0.0153	0.0000118	2.78	6.74	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.000719	0.000334	0.276	0.00000206	0.000454	0.000634	0.00145	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0153	0.0000118	2.78	6.74	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.000719	0.000334	0.276	0.00000206	0.000454	0.000634	0.00145	0
2063 Apr	0.0153	0.0000118	2.78	6.74	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.000719	0.000334	0.276	0.00000206	0.000454	0.000634	0.00145	0
2063 May	0.0153	0.0000118	2.79	6.75	0.0586	0.00133	29.7	0.0167	0.00404	0.0000415	0.00072	0.000334	0.276	0.00000206	0.000455	0.000635	0.00145	0
2063 Jun	0.0151	0.0000118	2.77	6.74	0.0586	0.00133	29.6	0.0167	0.00397	0.0000409	0.00072	0.000334	0.276	0.00000203	0.000455	0.000635	0.00144	0
2063 Jul	0.0151	0.0000119	2.79	6.78	0.059	0.00134	29.7	0.0168	0.00397	0.0000409	0.000725	0.000336	0.278	0.00000203	0.000458	0.000639	0.00144	0
2063 Aug	0.0152	0.000012	2.81	6.83	0.0595	0.00135	29.9	0.017	0.00399	0.0000412	0.000731	0.000339	0.28	0.00000204	0.000462	0.000644	0.00145	0
2063 Sep	0.0152	0.000012	2.82	6.86	0.0597	0.00136	30	0.0171	0.004	0.0000412	0.000734	0.00034	0.281	0.00000205	0.000464	0.000647	0.00146	0
2063 Oct	0.0152	0.000012	2.82	6.86	0.0598	0.00136	30	0.0171	0.00399	0.0000412	0.000735	0.00034	0.281	0.00000204	0.000464	0.000647	0.00146	0
2063 Nov	0.0152	0.000012	2.82	6.87	0.0598	0.00136	30	0.0171	0.00399	0.0000412	0.000735	0.00034	0.281	0.00000204	0.000464	0.000647	0.00146	0
2063 Dec	0.0152	0.000012	2.82	6.87	0.0598	0.00136	30	0.0171	0.00399	0.0000412	0.000736	0.00034	0.281	0.00000204	0.000464	0.000648	0.00146	0
2064 Jan	0.0152	0.000012	2.82	6.87	0.0598	0.00136	30	0.0171	0.00399	0.0000412	0.000736	0.00034	0.281	0.00000204	0.000464	0.000648	0.00146	0
2064 Feb	0.0152	0.000012	2.82	6.87	0.0598	0.00136	30	0.0171	0.00399	0.0000412	0.000736	0.00034	0.281	0.00000204	0.000464	0.000648	0.00146	0
2064 Mar	0.0152	0.000012	2.82	6.87	0.0598	0.00136	30	0.0171	0.00399	0.0000412	0.000736	0.000341	0.282	0.00000204	0.000464	0.000648	0.00146	0
2064 Apr	0.0152	0.0000121	2.82	6.87	0.0599	0.00136	30	0.0171	0.00399	0.0000412	0.000736	0.000341	0.282	0.00000204	0.000465	0.000648	0.00146	0
2064 May	0.0152	0.0000121	2.83	6.88	0.06	0.00136	30.1	0.0171	0.00399	0.0000412	0.000737	0.000341	0.282	0.00000204	0.000465	0.000649	0.00146	0
2064 Jun	0.0151	0.0000121	2.82	6.88	0.0601	0.00136	30	0.0172	0.00395	0.0000408	0.000739	0.000342	0.282	0.00000202	0.000466	0.00065	0.00145	0
2064 Jul	0.0152	0.0000122	2.84	6.94	0.0606	0.00137	30.2	0.0173	0.00396	0.000041	0.000745	0.000344	0.285	0.00000203	0.00047	0.000655	0.00146	0
2064 Aug	0.0152	0.0000123	2.86	6.98	0.061	0.00138	30.4	0.0174	0.00397	0.0000411	0.00075	0.000346	0.286	0.00000204	0.000473	0.000659	0.00147	0
2064 Sep	0.0152	0.0000123	2.86	7	0.0611	0.00139	30.4	0.0175	0.00396	0.0000411	0.000752	0.000347	0.287	0.00000203	0.000475	0.000661	0.00147	0
2064 Oct	0.0152	0.0000123	2.87	7.01	0.0612	0.00139	30.4	0.0175	0.00397	0.0000411	0.000753	0.000348	0.288	0.00000204	0.000475	0.000662	0.00147	0
2064 Nov	0.0152	0.0000123	2.87	7.01	0.0613	0.00139	30.5	0.0175	0.00397	0.0000411	0.000754	0.000348	0.288	0.00000204	0.000476	0.000662	0.00147	0
2064 Dec	0.0152	0.0000123	2.87	7.01	0.0613	0.00139	30.5	0.0175	0.00397	0.0000411	0.000754	0.000348	0.288	0.00000204	0.000476	0.000662	0.00147	0
2065 Jan	0.0152	0.0000123	2.87	7.01	0.0613	0.00139	30.5	0.0175	0.00397	0.0000411	0.000754	0.000348	0.288	0.00000204	0.000476	0.000662	0.00147	0
2065 Feb	0.0152	0.0000123	2.87	7.01	0.0613	0.00139	30.5	0.0175	0.00397	0.0000411	0.000754	0.000348	0.288	0.00000204	0.000476	0.000662	0.00147	0
2065 Mar	0.0153	0.0000123	2.87	7.01	0.0613	0.00139	30.5	0.0175	0.00397	0.0000411	0.000754	0.000348	0.288	0.00000204	0.000476	0.000662	0.00147	0
2065 Apr	0.0153	0.0000123	2.87	7.02	0.0613	0.00139	30.5	0.0175	0.00397	0.0000412	0.000754	0.000348	0.288	0.00000204	0.000476	0.000663	0.00147	0
2065 May	0.0153	0.0000124	2.88	7.03	0.0615	0.00139	30.5	0.0176	0.00398	0.0000412	0.000756	0.000349	0.289	0.00000204	0.000477	0.000664	0.00148	0
2065 Jun	0.0152	0.0000124	2.88	7.04	0.0616	0.0014	30.5	0.0176	0.00394	0.0000409	0.000758	0.00035	0.289	0.00000203	0.000478	0.000666	0.00147	0
2065 Jul	0.0153	0.0000125	2.9	7.11	0.0622	0.00141	30.8	0.0178	0.00397	0.0000412	0.000766	0.000353	0.292	0.00000204	0.000483	0.000672	0.00148	0
2065 Aug	0.0154	0.0000126	2.93	7.17	0.0628	0.00142	31	0.0179	0.004	0.0000415	0.000773	0.000356	0.295	0.00000205	0.000488	0.000678	0.0015	0
2065 Sep	0.0154	0.0000127	2.93	7.18	0.0629	0.00143	31.1	0.018	0.00398	0.0000414	0.000775	0.000357	0.295	0.00000205	0.000489	0.00068	0.00149	0
2065 Oct	0.0153	0.0000127	2.92	7.17	0.0629	0.00143	31	0.018	0.00395	0.0000411	0.000774	0.000356	0.295	0.00000203	0.000488	0.000679	0.00149	0
2065 Nov	0.0153	0.0000127	2.92	7.17	0.0629	0.00143	31	0.018	0.00395	0.0000411	0.000774	0.000357	0.295	0.00000203	0.000489	0.000679	0.00149	0
2065 Dec	0.0153	0.0000127	2.92	7.17	0.0629	0.00143	31	0.018	0.00395	0.0000411	0.000774	0.000357	0.295	0.00000203	0.000489	0.000679	0.00149	0
2066 Jan	0.0153	0.0000127	2.92	7.17	0.0629	0.00143	31	0.018	0.00395	0.0000411	0.000774	0.000357	0.295	0.00000203	0.000489	0.000679	0.00149	0
2066 Feb	0.0153	0.0000127	2.92	7.17	0.0629	0.00143	31	0.018	0.00395	0.0000411	0.000774	0.000357	0.295	0.00000203	0.000489	0.000679	0.00149	0
2066 Mar	0.0153	0.0000127	2.92	7.18	0.0629	0.00143	31	0.018	0.00395	0.0000411	0.000775	0.000357	0.295	0.00000203	0.000489	0.000679	0.00149	0
2066 Apr	0.0153	0.0000127	2.92	7.18	0.063	0.00143	31	0.018	0.00395	0.0000411	0.000775	0.000357	0.295	0.00000203	0.000489	0.00068	0.00149	0
2066 May	0.0153	0.0000127	2.93	7.19	0.0631	0.00143	31	0.018	0.00396	0.0000412	0.000776	0.000357	0.296	0.00000204	0.00049	0.000681	0.00149	0
2066 Jun	0.0152	0.0000127	2.93	7.19	0.0631	0.00143	31	0.018	0.00392	0.0000408	0.000777	0.000358	0.296	0.00000202	0.00049	0.000681	0.00149	0
2066 Jul	0.0153	0.0000129	2.96	7.27	0.0639	0.00145	31.3	0.0183	0.00395	0.0000412	0.000786	0.000362	0.299	0.00000204	0.000496	0.000689	0.0015	0
2066 Aug	0.0154	0.000013	2.98	7.33	0.0644	0.00146	31.5	0.0184	0.00397	0.0000414	0.000793	0.000365	0.302	0.00000205	0.0005	0.000695	0.00151	0
2066 Sep	0.0155	0.000013	2.99	7.36	0.0647	0.00147	31.6	0.0185	0.00397	0.0000414	0.000796	0.000366	0.303	0.00000205	0.000502	0.000697	0.00151	0
2066 Oct	0.0154	0.000013	2.99	7.36	0.0647	0.00147	31.6	0.0185	0.00396	0.0000414	0.000797	0.000366	0.303	0.00000204	0.000503	0.000698	0.00151	0
2066 Nov	0.0154	0.000013	2.99	7.36	0.0647	0.00147	31.6	0.0185	0.00396	0.0000413	0.000797	0.000366	0.303	0.00000204	0.000503	0.000698	0.00151	0
2066 Dec	0.0154	0.000013	2.99	7.36	0.0647	0.00147	31.6	0.0185	0.00396	0.0000413	0.000797	0.000366	0.303	0.00000204	0.000503	0.000698	0.00151	0
2067 Jan	0.0154	0.000013	2.99	7.36	0.0647	0.00147	31.6	0.0185	0.00396	0.0000413	0.000797	0.000366	0.303	0.00000204	0.000503	0.000698	0.00151	0
2067 Feb	0.0154	0.000013	2.99	7.36	0.0647	0.00147	31.6	0.0185	0.00396	0.0000414	0.000797	0.000366	0.303	0.00000204	0.000503	0.000698	0.00151	0
2067 Mar	0.0154	0.000013	2.99	7.36	0.0647	0.00147	31.6	0.0185	0.00396	0.0000414	0.000797	0.000366	0.303	0.00000204	0.000503	0.000698	0.00151	0
2067 Apr	0.0154	0.000013	2.99	7.37	0.0648	0.00147	31.6	0.0185	0.00396	0.0000414	0.000797	0.000366	0.303	0.00000205	0.000503	0.000698	0.00151	0
2067 May	0.0155	0.0000131	3	7.39	0.0649	0.00147	31.7	0.0186	0.00397	0.0000414	0.000799	0.000367	0.304	0.00000205	0.000504	0.0007	0.00152	0
2067 Jun	0.0154	0.0000131	3	7.4	0.0651	0.00148	31.7	0.0186	0.00394	0.0000412	0.000801	0.000368	0.305	0.00000204	0.000506	0.000701	0.00151	0
2067 Jul	0.0155	0.0000132	3.03	7.47	0.0657	0.00149	32	0.0188	0.00397	0.0000416	0.000809	0.000372	0.308	0.00000205	0.000511	0.000708	0.00153	0
2067 Aug	0.0156	0.0000133	3.05	7.52	0.0662	0.0015	32.2	0.0189	0.00399	0.0000417	0.000815	0.000374	0.31	0.00000206	0.000514	0.000713	0.00154	0
2067 Sep	0.0156	0.0000134	3.06	7.55	0.0665	0.00151	32.3	0.019	0.00399	0.0000418	0.000818	0.000376	0.311	0.00000206	0.000516	0.000716	0.00154	0
2067 Oct	0.0156	0.0000134	3.05	7.54	0.0665	0.00151	32.2	0.019	0.00398	0.0000417	0.000819	0.000376	0.311	0.00000206	0.000517	0.000716	0.00154	0
2067 Nov	0.0156	0.0000134	3.05	7.55	0.0665	0.00151	32.2	0.019	0.00397	0.0000416	0.000819	0.000376	0.311	0.00000206	0.000517	0.000716	0.00154	0
2067 Dec	0.0156	0.0000134	3.05	7.55	0.0665	0.00151	32.2	0.019	0.00397	0.0000416	0.000819	0.000376	0.311	0.00000206	0.000517	0.000716	0.00154	0
2068 Jan	0.0156	0.0000134	3.05	7.55	0.0665	0.00151	32.2	0.019	0.00398	0.0000416	0.000819	0.000376	0.311	0.00000206	0.000517	0.000716	0.00154	0
2068 Feb	0.0156	0.0000134	3.05	7.55	0.0665	0.00151	32.2	0.019	0.00398	0.0000416	0.000819	0.000376	0.311	0.00000206	0.000517	0.000716	0.00154	0
2068 Mar	0.0156	0.0000134	3.06	7.55	0.0665	0.00151	32.3	0.019	0.00398	0.0000417	0.000819	0.000376	0.311	0.00000206	0.000517	0.000717	0.00154	0
2068 Apr	0.0156	0.0000134	3.06	7.56	0.0666	0.00151	32.3	0.019	0.00398	0.0000417	0.00082	0.000376	0.311	0.00000206	0.000517	0.000717	0.00154	0
2068 May	0.0156	0.0000134	3.06	7.57	0.0667	0.00151	32.3	0.0191	0.00398	0.0000418	0.000822	0.000377	0.312	0.00000206	0.000519	0.000719	0.00154	0
2068 Jun	0.0154	0.0000134	3.05	7.55	0.0666	0.00151	32.1	0.019	0.00392	0.0000411	0.00082	0.000376	0.311	0.00000203	0.000518	0.000717	0.00153	0
2068 Jul	0.0155	0.0000135	3.07	7.6	0.0671	0.00152	32.3	0.0192	0.00393	0.0000413	0.000827	0.000379	0.314	0.00000204	0.000522	0.000722	0.00154	0
2068 Aug	0.0156	0.0000136	3.09	7.67	0.0677	0.00153	32.6	0.0194	0.00396	0.0000416	0.000834	0.000382	0.316	0.00000205	0.000526	0.000728	0.00155	0
2068 Sep	0.0156	0.0000137	3.1	7.69	0.0679	0.00154	32.7	0.0194	0.00396	0.0000416	0.000837	0.000383	0.317	0.00000205	0.000528	0.000731	0.00155	0
2068 Oct	0.0156	0.0000137	3.1	7.7	0.068	0.00154	32.7	0.0195	0.00396	0.0000416	0.000838	0.000384	0.318	0.00000205	0.000529	0.000732	0.00155	0
2068 Nov	0.0156	0.0000137	3.11	7.7	0.0681	0.00154	32.7	0.0195	0.00396	0.0000416	0.000838	0.000384	0.318	0.00000206	0.000529	0.000732	0.00155	0
2068 Dec	0.0156	0.0000137	3.11	7.7	0.0681	0.00154	32.7	0.0195	0.00396	0.0000417	0.000839	0.000384	0.318	0.00000206	0.000529	0.000732	0.00155	0
2069 Jan	0.0156	0.0000137	3.11	7.7	0.0681	0.00154	32.7	0.0195	0.00396	0.0000417	0.000839	0.000384	0.318	0.00000206	0.000529	0.000732	0.00155	0
2069 Feb	0.0156	0.0000137	3.11	7.7	0.0681	0.00154	32.7	0.0195	0.00396	0.0000417	0.000839	0.000384	0.318	0.00000206	0.000529	0.000732	0.00155	0
2069 Mar	0.0156	0.0000137	3.11	7.7	0.0681	0.00154	32.7	0.0195	0.00396	0.0000417	0.000839	0.000384	0.318	0.00000206	0.000529	0.000732	0.00155	0
2069 Apr	0.0156	0.0000137	3.11	7.71	0.0681	0.00154	32.7	0.0195	0.00396	0.0000417	0.000839	0.000384	0.318	0.00000206	0.000529	0.000732	0.00156	0
2069 May	0.0157	0.0000137	3.12	7.73	0.0683	0.00155	32.8	0.0195	0.00397	0.0000418	0.000841	0.000385	0.319	0.00000206	0.000531	0.000734	0.00156	0
2069 Jun	0.0156	0.0000138	3.12	7.74	0.0684	0.00155	32.8	0.0196	0.00395	0.0000416	0.000843	0.000386	0.319	0.00000205	0.000532	0.000736	0.00156	0
2069 Jul	0.0157	0.0000139	3.14	7.8	0.069	0.00156	33.1	0.0197	0.00397	0.0000418	0.00085	0.000389	0.322	0.00000206	0.000536	0.000742	0.00157	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0158	0.000014	3.16	7.86	0.0695	0.00158	33.3	0.0199	0.00398	0.000042	0.000857	0.000392	0.324	0.00000207	0.00054	0.000747	0.00158	0
2069 Sep	0.0157	0.000014	3.16	7.86	0.0696	0.00158	33.3	0.0199	0.00396	0.0000418	0.000858	0.000392	0.325	0.00000206	0.000541	0.000748	0.00157	0
2069 Oct	0.0156	0.000014	3.15	7.85	0.0695	0.00158	33.2	0.0199	0.00394	0.0000416	0.000857	0.000391	0.324	0.00000205	0.00054	0.000747	0.00157	0
2069 Nov	0.0156	0.000014	3.15	7.85	0.0695	0.00158	33.2	0.0199	0.00394	0.0000416	0.000857	0.000391	0.324	0.00000205	0.00054	0.000747	0.00157	0
2069 Dec	0.0156	0.000014	3.15	7.85	0.0695	0.00158	33.2	0.0199	0.00394	0.0000416	0.000857	0.000391	0.324	0.00000205	0.00054	0.000747	0.00157	0
2070 Jan	0.0156	0.000014	3.15	7.85	0.0695	0.00158	33.2	0.0199	0.00394	0.0000416	0.000857	0.000391	0.324	0.00000205	0.00054	0.000747	0.00157	0
2070 Feb	0.0156	0.000014	3.15	7.85	0.0695	0.00158	33.2	0.0199	0.00394	0.0000416	0.000857	0.000391	0.324	0.00000205	0.00054	0.000747	0.00157	0
2070 Mar	0.0156	0.000014	3.15	7.85	0.0695	0.00158	33.2	0.0199	0.00394	0.0000416	0.000857	0.000391	0.324	0.00000205	0.000541	0.000747	0.00157	0
2070 Apr	0.0157	0.000014	3.16	7.85	0.0696	0.00158	33.2	0.0199	0.00394	0.0000416	0.000857	0.000392	0.324	0.00000205	0.000541	0.000748	0.00157	0
2070 May	0.0157	0.000014	3.16	7.87	0.0697	0.00158	33.3	0.02	0.00395	0.0000417	0.000859	0.000393	0.325	0.00000205	0.000542	0.000749	0.00157	0
2070 Jun	0.0156	0.000014	3.16	7.88	0.0698	0.00158	33.2	0.02	0.00392	0.0000415	0.000861	0.000393	0.326	0.00000204	0.000543	0.00075	0.00157	0
2070 Jul	0.0157	0.0000142	3.19	7.94	0.0704	0.0016	33.5	0.0202	0.00395	0.0000417	0.000868	0.000396	0.328	0.00000206	0.000548	0.000757	0.00158	0
2070 Aug	0.0158	0.0000143	3.21	8	0.0709	0.00161	33.7	0.0203	0.00396	0.0000419	0.000874	0.000399	0.331	0.00000207	0.000551	0.000762	0.00159	0
2070 Sep	0.0158	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0203	0.00395	0.0000419	0.000876	0.0004	0.331	0.00000206	0.000553	0.000763	0.00159	0
2070 Oct	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0203	0.00394	0.0000417	0.000876	0.0004	0.331	0.00000206	0.000553	0.000763	0.00159	0
2070 Nov	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0203	0.00394	0.0000417	0.000876	0.0004	0.331	0.00000206	0.000553	0.000763	0.00159	0
2070 Dec	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0203	0.00394	0.0000417	0.000876	0.0004	0.331	0.00000206	0.000553	0.000763	0.00159	0
2071 Jan	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0203	0.00394	0.0000417	0.000876	0.0004	0.331	0.00000206	0.000553	0.000763	0.00159	0
2071 Feb	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0203	0.00394	0.0000417	0.000876	0.0004	0.331	0.00000206	0.000553	0.000763	0.00159	0
2071 Mar	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0203	0.00394	0.0000417	0.000876	0.0004	0.331	0.00000206	0.000553	0.000763	0.00159	0
2071 Apr	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0204	0.00394	0.0000418	0.000877	0.0004	0.331	0.00000206	0.000553	0.000764	0.00159	0
2071 May	0.0157	0.0000143	3.21	8.02	0.0712	0.00161	33.7	0.0204	0.00394	0.0000418	0.000878	0.0004	0.332	0.00000206	0.000554	0.000764	0.00159	0
2071 Jun	0.0156	0.0000143	3.21	8.01	0.0712	0.00161	33.6	0.0204	0.0039	0.0000414	0.000877	0.0004	0.331	0.00000204	0.000553	0.000764	0.00158	0
2071 Jul	0.0157	0.0000144	3.22	8.06	0.0716	0.00162	33.8	0.0205	0.00392	0.0000416	0.000883	0.000402	0.334	0.00000205	0.000557	0.000769	0.00159	0
2071 Aug	0.0158	0.0000145	3.25	8.12	0.0722	0.00163	34.1	0.0207	0.00394	0.0000418	0.00089	0.000405	0.336	0.00000206	0.000561	0.000774	0.0016	0
2071 Sep	0.0158	0.0000145	3.25	8.13	0.0723	0.00164	34.1	0.0207	0.00392	0.0000417	0.000891	0.000406	0.337	0.00000205	0.000562	0.000776	0.0016	0
2071 Oct	0.0157	0.0000145	3.25	8.13	0.0723	0.00164	34.1	0.0207	0.00392	0.0000416	0.000892	0.000406	0.337	0.00000205	0.000562	0.000776	0.0016	0
2071 Nov	0.0157	0.0000145	3.25	8.13	0.0723	0.00164	34.1	0.0207	0.00391	0.0000416	0.000892	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	0
2071 Dec	0.0157	0.0000145	3.25	8.13	0.0723	0.00164	34.1	0.0207	0.00392	0.0000416	0.000892	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	0
2072 Jan	0.0157	0.0000145	3.25	8.13	0.0723	0.00164	34.1	0.0207	0.00392	0.0000416	0.000892	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	0
2072 Feb	0.0157	0.0000145	3.25	8.13	0.0723	0.00164	34.1	0.0207	0.00392	0.0000416	0.000892	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	0
2072 Mar	0.0157	0.0000145	3.25	8.13	0.0723	0.00164	34.1	0.0207	0.00392	0.0000416	0.000892	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	0
2072 Apr	0.0158	0.0000146	3.25	8.14	0.0724	0.00164	34.1	0.0207	0.00392	0.0000417	0.000892	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	0
2072 May	0.0158	0.0000146	3.26	8.16	0.0725	0.00164	34.2	0.0208	0.00393	0.0000417	0.000894	0.000407	0.338	0.00000205	0.000564	0.000778	0.0016	0
2072 Jun	0.0158	0.0000146	3.26	8.17	0.0727	0.00165	34.2	0.0208	0.00392	0.0000417	0.000897	0.000408	0.338	0.00000205	0.000565	0.00078	0.0016	0
2072 Jul	0.0158	0.0000147	3.28	8.22	0.0732	0.00166	34.4	0.021	0.00393	0.0000418	0.000902	0.000411	0.34	0.00000206	0.000569	0.000785	0.00161	0
2072 Aug	0.0158	0.0000148	3.29	8.26	0.0735	0.00167	34.5	0.0211	0.00392	0.0000418	0.000907	0.000412	0.342	0.00000206	0.000572	0.000788	0.00162	0
2072 Sep	0.0158	0.0000148	3.3	8.27	0.0737	0.00167	34.5	0.0211	0.00392	0.0000418	0.000909	0.000413	0.343	0.00000205	0.000573	0.00079	0.00162	0
2072 Oct	0.0158	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.0039	0.0000416	0.000908	0.000413	0.342	0.00000205	0.000573	0.000789	0.00161	0
2072 Nov	0.0158	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.0039	0.0000416	0.000908	0.000413	0.342	0.00000205	0.000573	0.000789	0.00161	0
2072 Dec	0.0158	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.0039	0.0000416	0.000908	0.000413	0.342	0.00000205	0.000573	0.000789	0.00161	0
2073 Jan	0.0158	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.0039	0.0000416	0.000908	0.000413	0.342	0.00000205	0.000573	0.000789	0.00161	0
2073 Feb	0.0158	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.0039	0.0000416	0.000908	0.000413	0.342	0.00000205	0.000573	0.000789	0.00161	0
2073 Mar	0.0158	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.0039	0.0000416	0.000908	0.000413	0.342	0.00000205	0.000573	0.000789	0.00161	0
2073 Apr	0.0158	0.0000148	3.29	8.27	0.0737	0.00167	34.5	0.0211	0.0039	0.0000416	0.000909	0.000413	0.343	0.00000205	0.000573	0.00079	0.00161	0
2073 May	0.0158	0.0000148	3.3	8.28	0.0738	0.00167	34.5	0.0211	0.0039	0.0000417	0.00091	0.000414	0.343	0.00000205	0.000574	0.000791	0.00162	0
2073 Jun	0.0157	0.0000148	3.3	8.28	0.0738	0.00167	34.5	0.0211	0.00388	0.0000414	0.000911	0.000414	0.343	0.00000204	0.000574	0.000791	0.00161	0
2073 Jul	0.0158	0.000015	3.32	8.34	0.0744	0.00168	34.7	0.0213	0.00389	0.0000416	0.000918	0.000417	0.346	0.00000205	0.000579	0.000797	0.00162	0
2073 Aug	0.0159	0.0000151	3.34	8.39	0.0749	0.0017	34.9	0.0215	0.00391	0.0000418	0.000924	0.00042	0.348	0.00000205	0.000583	0.000802	0.00163	0
2073 Sep	0.0159	0.0000151	3.34	8.41	0.0751	0.0017	35	0.0215	0.0039	0.0000418	0.000926	0.000421	0.349	0.00000205	0.000584	0.000804	0.00163	0
2073 Oct	0.0158	0.0000151	3.34	8.41	0.075	0.0017	34.9	0.0215	0.00389	0.0000417	0.000926	0.00042	0.349	0.00000205	0.000584	0.000804	0.00163	0
2073 Nov	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	34.9	0.0215	0.00389	0.0000416	0.000926	0.00042	0.349	0.00000205	0.000584	0.000804	0.00163	0
2073 Dec	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	34.9	0.0215	0.00389	0.0000416	0.000926	0.00042	0.349	0.00000205	0.000584	0.000804	0.00163	0
2074 Jan	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	34.9	0.0215	0.00389	0.0000416	0.000926	0.00042	0.349	0.00000205	0.000584	0.000804	0.00163	0
2074 Feb	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	34.9	0.0215	0.00389	0.0000416	0.000926	0.00042	0.349	0.00000205	0.000584	0.000804	0.00163	0
2074 Mar	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	34.9	0.0215	0.00389	0.0000416	0.000926	0.00042	0.349	0.00000205	0.000584	0.000804	0.00163	0
2074 Apr	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	35	0.0215	0.00389	0.0000417	0.000927	0.000421	0.349	0.00000205	0.000585	0.000804	0.00163	0
2074 May	0.0158	0.0000151	3.35	8.43	0.0753	0.0017	35	0.0216	0.00389	0.0000417	0.000929	0.000421	0.35	0.00000205	0.000586	0.000806	0.00163	0
2074 Jun	0.0157	0.0000151	3.34	8.41	0.0752	0.0017	34.9	0.0215	0.00385	0.0000413	0.000927	0.000421	0.349	0.00000203	0.000585	0.000804	0.00162	0
2074 Jul	0.0158	0.0000152	3.36	8.48	0.0758	0.00172	35.1	0.0217	0.00387	0.0000416	0.000935	0.000424	0.352	0.00000204	0.00059	0.000811	0.00164	0
2074 Aug	0.0159	0.0000154	3.39	8.55	0.0765	0.00173	35.4	0.0219	0.0039	0.0000419	0.000943	0.000428	0.355	0.00000206	0.000595	0.000818	0.00165	0
2074 Sep	0.0159	0.0000154	3.39	8.56	0.0766	0.00173	35.5	0.0219	0.00389	0.0000418	0.000945	0.000428	0.355	0.00000205	0.000596	0.00082	0.00165	0
2074 Oct	0.0159	0.0000154	3.39	8.56	0.0766	0.00173	35.4	0.022	0.00388	0.0000417	0.000945	0.000428	0.355	0.00000205	0.000596	0.00082	0.00165	0
2074 Nov	0.0159	0.0000154	3.39	8.56	0.0766	0.00173	35.4	0.022	0.00388	0.0000417	0.000946	0.000429	0.356	0.00000205	0.000596	0.00082	0.00165	0
2074 Dec	0.0159	0.0000154	3.39	8.56	0.0766	0.00173	35.4	0.022	0.00388	0.0000417	0.000946	0.000429	0.356	0.00000205	0.000596	0.00082	0.00165	0
2075 Jan	0.0159	0.0000154	3.39	8.56	0.0766	0.00173	35.4	0.022	0.00388	0.0000417	0.000946	0.000429	0.356	0.00000205	0.000596	0.00082	0.00165	0
2075 Feb	0.0159	0.0000154	3.39	8.56	0.0766	0.00173	35.4	0.022	0.00388	0.0000417	0.000946	0.000429	0.356	0.00000205	0.000596	0.00082	0.00165	0
2075 Mar	0.0159	0.0000154	3.39	8.57	0.0766	0.00174	35.4	0.022	0.00388	0.0000417	0.000946	0.000429	0.356	0.00000205	0.000596	0.00082	0.00165	0
2075 Apr	0.0159	0.0000154	3.4	8.57	0.0767	0.00174	35.5	0.022	0.00388	0.0000417	0.000946	0.000429	0.356	0.00000205	0.000597	0.00082	0.00165	0
2075 May	0.0159	0.0000154	3.4	8.59	0.0768	0.00174	35.5	0.022	0.00389	0.0000418	0.000948	0.00043	0.357	0.00000205	0.000598	0.000822	0.00165	0
2075 Jun	0.0159	0.0000154	3.4	8.58	0.0768	0.00174	35.5	0.022	0.00386	0.0000416	0.000948	0.00043	0.356	0.00000204	0.000598	0.000822	0.00165	0
2075 Jul	0.0159	0.0000155	3.42	8.63	0.0773	0.00175	35.6	0.0222	0.00387	0.0000417	0.000954	0.000432	0.358	0.00000205	0.000602	0.000827	0.00165	0
2075 Aug	0.016	0.0000156	3.44	8.69	0.0778	0.00176	35.8	0.0223	0.00389	0.0000419	0.00096	0.000435	0.361	0.00000205	0.000605	0.000832	0.00166	0
2075 Sep	0.016	0.0000157	3.45	8.71	0.0781	0.00177	35.9	0.0224	0.00389	0.0000419	0.000963	0.000436	0.362	0.00000206	0.000608	0.000835	0.00167	0
2075 Oct	0.016	0.0000157	3.45	8.72	0.0781	0.00177	36	0.0224	0.00389	0.0000419	0.000964	0.000436	0.362	0.00000206	0.000608	0.000835	0.00167	0
2075 Nov	0.016	0.0000157	3.45	8.72	0.0781	0.00177	36	0.0224	0.00389	0.0000419	0.000964	0.000437	0.362	0.00000206	0.000608	0.000835	0.00167	0
2075 Dec	0.016	0.0000157	3.45	8.72	0.0781	0.00177	36	0.0224	0.00389	0.0000419	0.000964	0.000437	0.362	0.00000206	0.000608	0.000835	0.00167	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.016	0.0000157	3.45	8.72	0.0781	0.00177	36	0.0224	0.00389	0.0000419	0.000964	0.000437	0.362	0.00000206	0.000608	0.000835	0.00167	0
2076 Feb	0.016	0.0000157	3.45	8.72	0.0781	0.00177	36	0.0224	0.00389	0.0000419	0.000964	0.000437	0.362	0.00000206	0.000608	0.000835	0.00167	0
2076 Mar	0.016	0.0000157	3.45	8.72	0.0782	0.00177	36	0.0224	0.00389	0.0000419	0.000965	0.000437	0.362	0.00000206	0.000608	0.000836	0.00167	0
2076 Apr	0.016	0.0000157	3.45	8.73	0.0782	0.00177	36	0.0224	0.00389	0.0000419	0.000965	0.000437	0.362	0.00000206	0.000609	0.000836	0.00167	0
2076 May	0.016	0.0000157	3.46	8.74	0.0784	0.00177	36.1	0.0225	0.0039	0.000042	0.000967	0.000438	0.363	0.00000206	0.00061	0.000838	0.00167	0
2076 Jun	0.0159	0.0000157	3.45	8.73	0.0783	0.00177	35.9	0.0224	0.00386	0.0000417	0.000966	0.000437	0.363	0.00000204	0.000609	0.000836	0.00166	0
2076 Jul	0.016	0.0000158	3.47	8.78	0.0788	0.00178	36.1	0.0226	0.00387	0.0000418	0.000972	0.00044	0.365	0.00000205	0.000613	0.000842	0.00167	0
2076 Aug	0.0161	0.000016	3.49	8.85	0.0794	0.0018	36.4	0.0228	0.00389	0.0000421	0.00098	0.000443	0.368	0.00000206	0.000618	0.000848	0.00168	0
2076 Sep	0.0161	0.000016	3.51	8.88	0.0797	0.0018	36.5	0.0228	0.0039	0.0000422	0.000983	0.000445	0.369	0.00000207	0.00062	0.000851	0.00169	0
2076 Oct	0.0161	0.000016	3.5	8.87	0.0796	0.0018	36.5	0.0228	0.00389	0.000042	0.000983	0.000444	0.369	0.00000206	0.00062	0.000851	0.00169	0
2076 Nov	0.0161	0.000016	3.5	8.87	0.0796	0.0018	36.5	0.0228	0.00389	0.000042	0.000983	0.000444	0.369	0.00000206	0.00062	0.000851	0.00169	0
2076 Dec	0.0161	0.000016	3.5	8.87	0.0796	0.0018	36.5	0.0228	0.00389	0.000042	0.000983	0.000444	0.369	0.00000206	0.00062	0.000851	0.00169	0
2077 Jan	0.0161	0.000016	3.5	8.87	0.0796	0.0018	36.5	0.0228	0.00389	0.000042	0.000983	0.000444	0.369	0.00000206	0.00062	0.000851	0.00169	0
2077 Feb	0.0161	0.000016	3.5	8.87	0.0796	0.0018	36.5	0.0228	0.00389	0.000042	0.000983	0.000444	0.369	0.00000206	0.00062	0.000851	0.00169	0
2077 Mar	0.0161	0.000016	3.5	8.87	0.0796	0.0018	36.5	0.0228	0.00389	0.000042	0.000983	0.000444	0.369	0.00000206	0.00062	0.000851	0.00169	0
2077 Apr	0.0161	0.000016	3.5	8.88	0.0797	0.0018	36.5	0.0228	0.00389	0.0000421	0.000984	0.000445	0.369	0.00000206	0.00062	0.000851	0.00169	0
2077 May	0.0161	0.000016	3.51	8.89	0.0798	0.00181	36.5	0.0229	0.00389	0.0000421	0.000985	0.000445	0.37	0.00000206	0.000621	0.000853	0.00169	0
2077 Jun	0.016	0.000016	3.5	8.87	0.0797	0.0018	36.4	0.0228	0.00385	0.0000418	0.000984	0.000445	0.369	0.00000205	0.00062	0.000851	0.00168	0
2077 Jul	0.0161	0.0000161	3.52	8.94	0.0803	0.00182	36.7	0.023	0.00388	0.000042	0.000992	0.000448	0.372	0.00000206	0.000625	0.000858	0.00169	0
2077 Aug	0.0162	0.0000163	3.55	9.01	0.0809	0.00183	36.9	0.0232	0.0039	0.0000423	0.000999	0.000451	0.375	0.00000207	0.00063	0.000864	0.0017	0
2077 Sep	0.0161	0.0000163	3.55	9.01	0.0809	0.00183	36.9	0.0232	0.00388	0.0000421	0.000999	0.000451	0.375	0.00000206	0.00063	0.000864	0.0017	0
2077 Oct	0.0161	0.0000163	3.55	9.01	0.081	0.00183	36.9	0.0232	0.00388	0.0000421	0.001	0.000451	0.375	0.00000206	0.00063	0.000865	0.0017	0
2077 Nov	0.0161	0.0000163	3.55	9.01	0.081	0.00183	36.9	0.0232	0.00388	0.0000421	0.001	0.000452	0.375	0.00000206	0.000631	0.000865	0.0017	0
2077 Dec	0.0161	0.0000163	3.55	9.01	0.081	0.00183	36.9	0.0232	0.00388	0.0000421	0.001	0.000452	0.375	0.00000206	0.000631	0.000865	0.0017	0
2078 Jan	0.0161	0.0000163	3.55	9.01	0.081	0.00183	36.9	0.0232	0.00388	0.0000421	0.001	0.000452	0.375	0.00000206	0.000631	0.000865	0.0017	0
2078 Feb	0.0161	0.0000163	3.55	9.01	0.081	0.00183	36.9	0.0232	0.00388	0.0000421	0.001	0.000452	0.375	0.00000206	0.000631	0.000865	0.0017	0
2078 Mar	0.0161	0.0000163	3.55	9.01	0.081	0.00183	36.9	0.0232	0.00388	0.0000421	0.001	0.000452	0.375	0.00000206	0.000631	0.000865	0.0017	0
2078 Apr	0.0162	0.0000163	3.55	9.02	0.0811	0.00184	37	0.0233	0.00388	0.0000421	0.001	0.000452	0.375	0.00000206	0.000631	0.000866	0.0017	0
2078 May	0.0162	0.0000163	3.55	9.03	0.0812	0.00184	37	0.0233	0.00388	0.0000421	0.001	0.000453	0.376	0.00000206	0.000632	0.000867	0.0017	0
2078 Jun	0.016	0.0000163	3.54	9.01	0.0811	0.00183	36.8	0.0232	0.00384	0.0000418	0.001	0.000452	0.375	0.00000204	0.000631	0.000865	0.0017	0
2078 Jul	0.0162	0.0000164	3.57	9.09	0.0817	0.00185	37.1	0.0234	0.00387	0.0000421	0.00101	0.000456	0.378	0.00000206	0.000636	0.000872	0.00171	0
2078 Aug	0.0162	0.0000165	3.59	9.14	0.0822	0.00186	37.3	0.0236	0.00388	0.0000422	0.00102	0.000458	0.38	0.00000207	0.00064	0.000878	0.00172	0
2078 Sep	0.0163	0.0000166	3.6	9.17	0.0825	0.00187	37.4	0.0237	0.00388	0.0000423	0.00102	0.00046	0.382	0.00000207	0.000642	0.00088	0.00172	0
2078 Oct	0.0162	0.0000166	3.6	9.17	0.0825	0.00187	37.4	0.0237	0.00388	0.0000422	0.00102	0.00046	0.382	0.00000207	0.000643	0.000881	0.00172	0
2078 Nov	0.0162	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00388	0.0000422	0.00102	0.00046	0.382	0.00000207	0.000643	0.000881	0.00172	0
2078 Dec	0.0162	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00388	0.0000422	0.00102	0.00046	0.382	0.00000207	0.000643	0.000881	0.00172	0
2079 Jan	0.0162	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00388	0.0000422	0.00102	0.00046	0.382	0.00000207	0.000643	0.000881	0.00172	0
2079 Feb	0.0162	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00388	0.0000422	0.00102	0.00046	0.382	0.00000207	0.000643	0.000881	0.00172	0
2079 Mar	0.0162	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00388	0.0000422	0.00102	0.00046	0.382	0.00000207	0.000643	0.000881	0.00172	0
2079 Apr	0.0162	0.0000166	3.61	9.18	0.0826	0.00187	37.5	0.0237	0.00388	0.0000422	0.00102	0.00046	0.382	0.00000207	0.000643	0.000882	0.00172	0
2079 May	0.0163	0.0000166	3.61	9.2	0.0828	0.00187	37.5	0.0237	0.00389	0.0000423	0.00102	0.000461	0.383	0.00000207	0.000645	0.000883	0.00173	0
2079 Jun	0.0162	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00385	0.000042	0.00102	0.00046	0.382	0.00000205	0.000643	0.000881	0.00172	0
2079 Jul	0.0162	0.0000167	3.61	9.21	0.083	0.00188	37.5	0.0238	0.00385	0.000042	0.00103	0.000462	0.384	0.00000206	0.000646	0.000885	0.00172	0
2079 Aug	0.0163	0.0000168	3.64	9.28	0.0836	0.00189	37.8	0.024	0.00387	0.0000423	0.00103	0.000465	0.386	0.00000207	0.000651	0.000892	0.00173	0
2079 Sep	0.0163	0.0000168	3.64	9.29	0.0837	0.00189	37.8	0.024	0.00386	0.0000422	0.00103	0.000466	0.387	0.00000206	0.000652	0.000893	0.00173	0
2079 Oct	0.0162	0.0000168	3.64	9.28	0.0837	0.00189	37.8	0.024	0.00385	0.0000421	0.00103	0.000466	0.387	0.00000206	0.000652	0.000893	0.00173	0
2079 Nov	0.0162	0.0000168	3.64	9.28	0.0837	0.00189	37.8	0.024	0.00385	0.0000421	0.00103	0.000466	0.387	0.00000206	0.000652	0.000892	0.00173	0
2079 Dec	0.0162	0.0000168	3.64	9.28	0.0837	0.00189	37.8	0.024	0.00385	0.0000421	0.00103	0.000466	0.387	0.00000206	0.000652	0.000892	0.00173	0
2080 Jan	0.0162	0.0000168	3.64	9.28	0.0837	0.00189	37.8	0.024	0.00385	0.0000421	0.00103	0.000466	0.387	0.00000206	0.000652	0.000892	0.00173	0
2080 Feb	0.0162	0.0000168	3.64	9.28	0.0837	0.00189	37.8	0.024	0.00385	0.0000421	0.00103	0.000466	0.387	0.00000206	0.000652	0.000892	0.00173	0
2080 Mar	0.0162	0.0000168	3.64	9.28	0.0837	0.00189	37.8	0.024	0.00385	0.0000421	0.00103	0.000466	0.387	0.00000206	0.000652	0.000892	0.00173	0
2080 Apr	0.0162	0.0000168	3.64	9.28	0.0837	0.00189	37.8	0.024	0.00385	0.0000421	0.00103	0.000466	0.387	0.00000206	0.000652	0.000893	0.00173	0
2080 May	0.0163	0.0000169	3.65	9.31	0.0839	0.0019	37.9	0.0241	0.00386	0.0000422	0.00104	0.000467	0.388	0.00000206	0.000653	0.000895	0.00173	0
2080 Jun	0.0162	0.0000169	3.65	9.31	0.084	0.0019	37.8	0.0241	0.00384	0.000042	0.00104	0.000467	0.388	0.00000206	0.000654	0.000895	0.00173	0
2080 Jul	0.0162	0.0000169	3.66	9.35	0.0844	0.00191	38	0.0242	0.00384	0.0000421	0.00104	0.000469	0.39	0.00000206	0.000657	0.000899	0.00174	0
2080 Aug	0.0163	0.000017	3.68	9.4	0.0848	0.00192	38.2	0.0243	0.00386	0.0000422	0.00105	0.000472	0.392	0.00000206	0.000661	0.000904	0.00175	0
2080 Sep	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00385	0.0000422	0.00105	0.000473	0.393	0.00000206	0.000662	0.000906	0.00175	0
2080 Oct	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00385	0.0000422	0.00105	0.000473	0.393	0.00000206	0.000662	0.000906	0.00175	0
2080 Nov	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00384	0.0000421	0.00105	0.000473	0.393	0.00000206	0.000662	0.000906	0.00175	0
2080 Dec	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00384	0.0000421	0.00105	0.000473	0.393	0.00000206	0.000662	0.000906	0.00175	0
2081 Jan	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00384	0.0000421	0.00105	0.000473	0.393	0.00000206	0.000662	0.000906	0.00175	0
2081 Feb	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00384	0.0000421	0.00105	0.000473	0.393	0.00000206	0.000662	0.000906	0.00175	0
2081 Mar	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00384	0.0000421	0.00105	0.000473	0.393	0.00000206	0.000662	0.000906	0.00175	0
2081 Apr	0.0163	0.0000171	3.69	9.42	0.0851	0.00192	38.2	0.0244	0.00385	0.0000422	0.00105	0.000473	0.393	0.00000206	0.000663	0.000906	0.00175	0
2081 May	0.0163	0.0000171	3.69	9.44	0.0852	0.00193	38.3	0.0244	0.00385	0.0000422	0.00105	0.000474	0.393	0.00000206	0.000664	0.000908	0.00175	0
2081 Jun	0.0162	0.0000171	3.69	9.43	0.0852	0.00193	38.2	0.0244	0.00383	0.000042	0.00105	0.000474	0.393	0.00000205	0.000664	0.000908	0.00174	0
2081 Jul	0.0164	0.0000173	3.72	9.52	0.086	0.00194	38.5	0.0247	0.00386	0.0000423	0.00106	0.000478	0.397	0.00000207	0.00067	0.000916	0.00176	0
2081 Aug	0.0165	0.0000174	3.75	9.6	0.0867	0.00196	38.9	0.0249	0.00388	0.0000426	0.00107	0.000482	0.4	0.00000208	0.000675	0.000923	0.00177	0
2081 Sep	0.0165	0.0000175	3.76	9.62	0.0869	0.00197	38.9	0.0249	0.00388	0.0000427	0.00107	0.000483	0.401	0.00000208	0.000677	0.000926	0.00178	0
2081 Oct	0.0165	0.0000175	3.76	9.62	0.087	0.00197	38.9	0.025	0.00388	0.0000426	0.00107	0.000483	0.401	0.00000208	0.000678	0.000926	0.00178	0
2081 Nov	0.0165	0.0000175	3.76	9.62	0.0869	0.00197	38.9	0.0249	0.00387	0.0000426	0.00107	0.000483	0.401	0.00000208	0.000677	0.000926	0.00177	0
2081 Dec	0.0165	0.0000175	3.76	9.62	0.0869	0.00197	38.9	0.0249	0.00387	0.0000426	0.00107	0.000483	0.401	0.00000208	0.000677	0.000926	0.00177	0
2082 Jan	0.0165	0.0000175	3.76	9.62	0.0869	0.00197	38.9	0.0249	0.00387	0.0000426	0.00107	0.000483	0.401	0.00000208	0.000677	0.000926	0.00177	0
2082 Feb	0.0165	0.0000175	3.76	9.62	0.0869	0.00197	38.9	0.0249	0.00387	0.0000426	0.00107	0.000483	0.401	0.00000208	0.000677	0.000926	0.00177	0
2082 Mar	0.0165	0.0000175	3.76	9.62	0.0869	0.00197	38.9	0.0249	0.00387	0.0000426	0.00107	0.000483	0.401	0.00000208	0.000677	0.000926	0.00177	0
2082 Apr	0.0165	0.0000175	3.76	9.62	0.087	0.00197	38.9	0.025	0.00388	0.0000426	0.00107	0.000483	0.401	0.00000208	0.000677	0.000926	0.00178	0
2082 May	0.0165	0.0000175	3.77	9.64	0.0871	0.00197	39	0.025	0.00388	0.0000427	0.00108	0.000484	0.402	0.00000208	0.000679	0.000928	0.00178	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.0164	0.0000175	3.75	9.62	0.0869	0.00197	38.9	0.0249	0.00385	0.0000424	0.00107	0.000483	0.401	0.00000207	0.000677	0.000926	0.00177	0
2082 Jul	0.0164	0.0000175	3.76	9.64	0.0872	0.00197	38.9	0.025	0.00384	0.0000423	0.00108	0.000484	0.402	0.00000206	0.000679	0.000928	0.00177	0
2082 Aug	0.0165	0.0000176	3.78	9.7	0.0878	0.00199	39.2	0.0252	0.00386	0.0000425	0.00108	0.000487	0.405	0.00000207	0.000684	0.000934	0.00178	0
2082 Sep	0.0165	0.0000177	3.79	9.73	0.088	0.00199	39.3	0.0253	0.00386	0.0000426	0.00109	0.000489	0.406	0.00000208	0.000686	0.000937	0.00179	0
2082 Oct	0.0164	0.0000176	3.79	9.71	0.0879	0.00199	39.2	0.0252	0.00384	0.0000424	0.00109	0.000488	0.405	0.00000207	0.000685	0.000936	0.00178	0
2082 Nov	0.0165	0.0000177	3.79	9.71	0.0879	0.00199	39.2	0.0252	0.00384	0.0000424	0.00109	0.000488	0.405	0.00000207	0.000685	0.000936	0.00178	0
2082 Dec	0.0165	0.0000177	3.79	9.71	0.0879	0.00199	39.2	0.0252	0.00385	0.0000424	0.00109	0.000488	0.406	0.00000207	0.000685	0.000936	0.00178	0
2083 Jan	0.0165	0.0000177	3.79	9.71	0.0879	0.00199	39.2	0.0252	0.00385	0.0000424	0.00109	0.000488	0.406	0.00000207	0.000685	0.000936	0.00178	0
2083 Feb	0.0165	0.0000177	3.79	9.72	0.0879	0.00199	39.2	0.0252	0.00385	0.0000424	0.00109	0.000488	0.406	0.00000207	0.000685	0.000936	0.00178	0
2083 Mar	0.0165	0.0000177	3.79	9.72	0.0879	0.00199	39.2	0.0252	0.00385	0.0000424	0.00109	0.000488	0.406	0.00000207	0.000685	0.000936	0.00178	0
2083 Apr	0.0165	0.0000177	3.79	9.72	0.088	0.00199	39.2	0.0253	0.00385	0.0000424	0.00109	0.000488	0.406	0.00000207	0.000686	0.000937	0.00178	0
2083 May	0.0165	0.0000177	3.8	9.74	0.0882	0.00199	39.3	0.0253	0.00385	0.0000425	0.00109	0.000489	0.407	0.00000207	0.000687	0.000938	0.00179	0
2083 Jun	0.0164	0.0000177	3.78	9.71	0.0879	0.00199	39.1	0.0252	0.00382	0.0000421	0.00109	0.000488	0.405	0.00000206	0.000685	0.000936	0.00178	0
2083 Jul	0.0164	0.0000178	3.8	9.77	0.0885	0.002	39.3	0.0254	0.00383	0.0000423	0.00109	0.000491	0.408	0.00000206	0.00069	0.000942	0.00179	0
2083 Aug	0.0165	0.0000179	3.82	9.82	0.089	0.00201	39.5	0.0255	0.00384	0.0000424	0.0011	0.000493	0.41	0.00000207	0.000693	0.000947	0.00179	0
2083 Sep	0.0165	0.0000179	3.83	9.83	0.0891	0.00201	39.5	0.0256	0.00383	0.0000424	0.0011	0.000494	0.411	0.00000207	0.000694	0.000948	0.00179	0
2083 Oct	0.0164	0.0000179	3.82	9.81	0.089	0.00201	39.4	0.0255	0.00381	0.0000422	0.0011	0.000493	0.41	0.00000206	0.000693	0.000946	0.00179	0
2083 Nov	0.0164	0.0000179	3.82	9.81	0.0889	0.00201	39.4	0.0255	0.00381	0.0000422	0.0011	0.000493	0.41	0.00000206	0.000693	0.000946	0.00179	0
2083 Dec	0.0164	0.0000179	3.82	9.81	0.0889	0.00201	39.4	0.0255	0.00381	0.0000422	0.0011	0.000493	0.41	0.00000206	0.000693	0.000946	0.00179	0
2084 Jan	0.0164	0.0000179	3.82	9.81	0.0889	0.00201	39.4	0.0255	0.00381	0.0000422	0.0011	0.000493	0.41	0.00000206	0.000693	0.000946	0.00179	0
2084 Feb	0.0164	0.0000179	3.82	9.81	0.0889	0.00201	39.4	0.0255	0.00381	0.0000422	0.0011	0.000493	0.41	0.00000206	0.000693	0.000946	0.00179	0
2084 Mar	0.0164	0.0000179	3.82	9.81	0.0889	0.00201	39.4	0.0255	0.00381	0.0000422	0.0011	0.000493	0.41	0.00000206	0.000693	0.000946	0.00179	0
2084 Apr	0.0164	0.0000179	3.82	9.82	0.089	0.00201	39.5	0.0256	0.00381	0.0000422	0.0011	0.000494	0.41	0.00000206	0.000694	0.000947	0.00179	0
2084 May	0.0164	0.0000179	3.83	9.84	0.0892	0.00202	39.5	0.0256	0.00382	0.0000423	0.0011	0.000495	0.411	0.00000206	0.000695	0.000949	0.00179	0
2084 Jun	0.0163	0.0000179	3.81	9.81	0.089	0.00201	39.4	0.0255	0.00378	0.0000419	0.0011	0.000493	0.41	0.00000204	0.000693	0.000946	0.00178	0
2084 Jul	0.0164	0.000018	3.84	9.88	0.0896	0.00203	39.6	0.0257	0.0038	0.0000421	0.00111	0.000497	0.413	0.00000205	0.000698	0.000953	0.00179	0
2084 Aug	0.0165	0.0000181	3.86	9.94	0.0902	0.00204	39.9	0.0259	0.00381	0.0000423	0.00111	0.0005	0.415	0.00000206	0.000703	0.000959	0.0018	0
2084 Sep	0.0165	0.0000181	3.86	9.95	0.0903	0.00204	39.9	0.0259	0.00381	0.0000423	0.00112	0.0005	0.416	0.00000206	0.000704	0.00096	0.00181	0
2084 Oct	0.0165	0.0000181	3.86	9.95	0.0903	0.00204	39.9	0.0259	0.0038	0.0000422	0.00112	0.0005	0.416	0.00000206	0.000703	0.00096	0.0018	0
2084 Nov	0.0165	0.0000181	3.86	9.94	0.0902	0.00204	39.8	0.0259	0.0038	0.0000422	0.00112	0.0005	0.416	0.00000205	0.000703	0.000959	0.0018	0
2084 Dec	0.0165	0.0000181	3.86	9.94	0.0903	0.00204	39.9	0.0259	0.0038	0.0000422	0.00112	0.0005	0.416	0.00000205	0.000703	0.00096	0.0018	0
2085 Jan	0.0165	0.0000181	3.86	9.94	0.0903	0.00204	39.9	0.0259	0.0038	0.0000422	0.00112	0.0005	0.416	0.00000205	0.000703	0.00096	0.0018	0
2085 Feb	0.0165	0.0000181	3.86	9.94	0.0903	0.00204	39.9	0.0259	0.0038	0.0000422	0.00112	0.0005	0.416	0.00000205	0.000703	0.00096	0.0018	0
2085 Mar	0.0165	0.0000181	3.86	9.94	0.0903	0.00204	39.9	0.0259	0.0038	0.0000422	0.00112	0.0005	0.416	0.00000206	0.000703	0.00096	0.0018	0
2085 Apr	0.0165	0.0000181	3.86	9.95	0.0903	0.00204	39.9	0.0259	0.0038	0.0000422	0.00112	0.0005	0.416	0.00000206	0.000704	0.00096	0.0018	0
2085 May	0.0165	0.0000182	3.87	9.97	0.0905	0.00205	39.9	0.026	0.0038	0.0000423	0.00112	0.000501	0.417	0.00000206	0.000705	0.000962	0.00181	0
2085 Jun	0.0165	0.0000182	3.87	9.98	0.0906	0.00205	39.9	0.026	0.00379	0.0000422	0.00112	0.000502	0.417	0.00000205	0.000706	0.000963	0.00181	0
2085 Jul	0.0166	0.0000183	3.9	10.1	0.0913	0.00206	40.2	0.0262	0.00381	0.0000424	0.00113	0.000505	0.42	0.00000207	0.000711	0.00097	0.00182	0
2085 Aug	0.0166	0.0000184	3.91	10.1	0.0917	0.00207	40.4	0.0263	0.00382	0.0000425	0.00113	0.000508	0.422	0.00000207	0.000714	0.000974	0.00182	0
2085 Sep	0.0166	0.0000184	3.91	10.1	0.0917	0.00207	40.4	0.0263	0.00381	0.0000424	0.00113	0.000508	0.422	0.00000206	0.000715	0.000975	0.00182	0
2085 Oct	0.0165	0.0000184	3.91	10.1	0.0916	0.00207	40.3	0.0263	0.0038	0.0000423	0.00113	0.000507	0.422	0.00000206	0.000714	0.000974	0.00182	0
2085 Nov	0.0165	0.0000184	3.91	10.1	0.0916	0.00207	40.3	0.0263	0.00379	0.0000422	0.00113	0.000507	0.422	0.00000206	0.000714	0.000973	0.00182	0
2085 Dec	0.0165	0.0000184	3.91	10.1	0.0916	0.00207	40.3	0.0263	0.00379	0.0000422	0.00113	0.000507	0.422	0.00000206	0.000714	0.000973	0.00182	0
2086 Jan	0.0165	0.0000184	3.91	10.1	0.0916	0.00207	40.3	0.0263	0.00379	0.0000422	0.00113	0.000507	0.422	0.00000206	0.000714	0.000973	0.00182	0
2086 Feb	0.0165	0.0000184	3.91	10.1	0.0916	0.00207	40.3	0.0263	0.00379	0.0000422	0.00113	0.000507	0.422	0.00000206	0.000714	0.000973	0.00182	0
2086 Mar	0.0165	0.0000184	3.91	10.1	0.0916	0.00207	40.3	0.0263	0.00379	0.0000422	0.00113	0.000507	0.422	0.00000206	0.000714	0.000973	0.00182	0
2086 Apr	0.0165	0.0000184	3.91	10.1	0.0917	0.00207	40.3	0.0263	0.00379	0.0000423	0.00113	0.000507	0.422	0.00000206	0.000714	0.000974	0.00182	0
2086 May	0.0166	0.0000184	3.92	10.1	0.0919	0.00208	40.4	0.0264	0.0038	0.0000424	0.00114	0.000509	0.423	0.00000206	0.000716	0.000976	0.00182	0
2086 Jun	0.0164	0.0000184	3.9	10.1	0.0916	0.00207	40.2	0.0263	0.00377	0.000042	0.00113	0.000507	0.422	0.00000205	0.000714	0.000974	0.00181	0
2086 Jul	0.0165	0.0000185	3.93	10.2	0.0923	0.00209	40.5	0.0265	0.00378	0.0000422	0.00114	0.000511	0.425	0.00000205	0.00072	0.000981	0.00183	0
2086 Aug	0.0166	0.0000186	3.95	10.2	0.0929	0.0021	40.7	0.0267	0.00379	0.0000424	0.00115	0.000514	0.427	0.00000206	0.000724	0.000986	0.00183	0
2086 Sep	0.0166	0.0000187	3.95	10.2	0.093	0.0021	40.7	0.0267	0.00379	0.0000423	0.00115	0.000514	0.428	0.00000206	0.000725	0.000987	0.00183	0
2086 Oct	0.0166	0.0000187	3.96	10.2	0.093	0.0021	40.8	0.0267	0.00379	0.0000423	0.00115	0.000515	0.428	0.00000206	0.000725	0.000988	0.00184	0
2086 Nov	0.0166	0.0000187	3.96	10.2	0.0931	0.0021	40.8	0.0267	0.00379	0.0000424	0.00115	0.000515	0.428	0.00000206	0.000725	0.000989	0.00184	0
2086 Dec	0.0166	0.0000187	3.96	10.2	0.0931	0.0021	40.8	0.0267	0.00379	0.0000424	0.00115	0.000515	0.428	0.00000206	0.000726	0.000989	0.00184	0
2087 Jan	0.0166	0.0000187	3.96	10.2	0.0931	0.0021	40.8	0.0267	0.00379	0.0000424	0.00115	0.000515	0.428	0.00000206	0.000726	0.000989	0.00184	0
2087 Feb	0.0166	0.0000187	3.96	10.2	0.0931	0.0021	40.8	0.0267	0.00379	0.0000424	0.00115	0.000515	0.428	0.00000206	0.000726	0.000989	0.00184	0
2087 Mar	0.0166	0.0000187	3.96	10.2	0.0931	0.0021	40.8	0.0267	0.00379	0.0000424	0.00115	0.000515	0.428	0.00000206	0.000726	0.000989	0.00184	0
2087 Apr	0.0166	0.0000187	3.96	10.2	0.0931	0.00211	40.8	0.0267	0.00379	0.0000424	0.00115	0.000515	0.428	0.00000206	0.000726	0.000989	0.00184	0
2087 May	0.0166	0.0000187	3.96	10.2	0.0932	0.00211	40.8	0.0268	0.00379	0.0000424	0.00115	0.000516	0.429	0.00000206	0.000727	0.00099	0.00184	0
2087 Jun	0.0165	0.0000187	3.96	10.2	0.0932	0.00211	40.8	0.0268	0.00377	0.0000422	0.00115	0.000515	0.429	0.00000205	0.000726	0.00099	0.00183	0
2087 Jul	0.0166	0.0000188	3.98	10.3	0.0938	0.00212	41	0.0269	0.00379	0.0000424	0.00116	0.000519	0.431	0.00000206	0.000731	0.000996	0.00184	0
2087 Aug	0.0167	0.000019	4.01	10.4	0.0944	0.00213	41.3	0.0271	0.00381	0.0000426	0.00117	0.000522	0.434	0.00000207	0.000736	0.001	0.00186	0
2087 Sep	0.0168	0.000019	4.02	10.4	0.0948	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000208	0.000739	0.00101	0.00186	0
2087 Oct	0.0168	0.000019	4.02	10.4	0.0948	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000208	0.000739	0.00101	0.00186	0
2087 Nov	0.0168	0.000019	4.02	10.4	0.0948	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000207	0.000739	0.00101	0.00186	0
2087 Dec	0.0168	0.000019	4.02	10.4	0.0948	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000207	0.000739	0.00101	0.00186	0
2088 Jan	0.0168	0.000019	4.02	10.4	0.0948	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000207	0.000739	0.00101	0.00186	0
2088 Feb	0.0168	0.000019	4.02	10.4	0.0948	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000207	0.000739	0.00101	0.00186	0
2088 Mar	0.0168	0.000019	4.02	10.4	0.0948	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000208	0.000739	0.00101	0.00186	0
2088 Apr	0.0168	0.0000191	4.03	10.4	0.0949	0.00215	41.5	0.0273	0.00381	0.0000428	0.00117	0.000525	0.436	0.00000208	0.00074	0.00101	0.00186	0
2088 May	0.0168	0.0000191	4.04	10.5	0.0952	0.00215	41.6	0.0273	0.00382	0.0000429	0.00118	0.000526	0.438	0.00000208	0.000742	0.00101	0.00187	0
2088 Jun	0.0168	0.0000191	4.04	10.5	0.0952	0.00215	41.6	0.0273	0.00381	0.0000427	0.00118	0.000526	0.438	0.00000208	0.000742	0.00101	0.00187	0
2088 Jul	0.0169	0.0000193	4.07	10.5	0.0959	0.00217	41.8	0.0275	0.00383	0.000043	0.00119	0.00053	0.441	0.00000209	0.000748	0.00102	0.00188	0
2088 Aug	0.017	0.0000194	4.1	10.6	0.0968	0.00219	42.2	0.0278	0.00386	0.0000433	0.0012	0.000535	0.445	0.00000211	0.000755	0.00103	0.0019	0
2088 Sep	0.0171	0.0000195	4.11	10.7	0.0971	0.00219	42.3	0.0279	0.00387	0.0000434	0.0012	0.000537	0.446	0.00000211	0.000757	0.00103	0.0019	0
2088 Oct	0.017	0.0000194	4.1	10.6	0.0969	0.00219	42.2	0.0278	0.00385	0.0000432	0.0012	0.000535	0.445	0.0000021	0.000755	0.00103	0.00189	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.017	0.0000194	4.1	10.6	0.0969	0.00219	42.2	0.0278	0.00385	0.0000432	0.0012	0.000535	0.445	0.0000021	0.000755	0.00103	0.00189	0
2088 Dec	0.017	0.0000194	4.1	10.6	0.0969	0.00219	42.2	0.0278	0.00385	0.0000432	0.0012	0.000535	0.445	0.0000021	0.000755	0.00103	0.00189	0
2089 Jan	0.017	0.0000194	4.1	10.6	0.0969	0.00219	42.2	0.0278	0.00385	0.0000432	0.0012	0.000535	0.445	0.0000021	0.000755	0.00103	0.00189	0
2089 Feb	0.017	0.0000194	4.1	10.6	0.0969	0.00219	42.2	0.0278	0.00385	0.0000432	0.0012	0.000535	0.445	0.0000021	0.000755	0.00103	0.00189	0
2089 Mar	0.017	0.0000194	4.1	10.6	0.0969	0.00219	42.2	0.0278	0.00385	0.0000432	0.0012	0.000535	0.445	0.0000021	0.000755	0.00103	0.00189	0
2089 Apr	0.017	0.0000195	4.11	10.6	0.097	0.00219	42.3	0.0279	0.00385	0.0000433	0.0012	0.000536	0.446	0.0000021	0.000756	0.00103	0.0019	0
2089 May	0.017	0.0000195	4.11	10.7	0.0972	0.0022	42.3	0.0279	0.00385	0.0000433	0.0012	0.000537	0.447	0.0000021	0.000757	0.00103	0.0019	0
2089 Jun	0.017	0.0000195	4.12	10.7	0.0973	0.0022	42.3	0.0279	0.00384	0.0000432	0.0012	0.000537	0.447	0.0000021	0.000759	0.00103	0.0019	0
2089 Jul	0.0171	0.0000197	4.14	10.7	0.098	0.00221	42.6	0.0281	0.00386	0.0000434	0.00121	0.000541	0.45	0.00000211	0.000764	0.00104	0.00191	0
2089 Aug	0.0172	0.0000198	4.17	10.8	0.0986	0.00223	42.9	0.0283	0.00388	0.0000437	0.00122	0.000545	0.453	0.00000212	0.000769	0.00105	0.00192	0
2089 Sep	0.0172	0.0000198	4.18	10.8	0.0988	0.00223	43	0.0284	0.00388	0.0000437	0.00122	0.000546	0.454	0.00000212	0.000771	0.00105	0.00192	0
2089 Oct	0.0171	0.0000198	4.17	10.8	0.0986	0.00223	42.8	0.0283	0.00386	0.0000435	0.00122	0.000545	0.453	0.00000211	0.000769	0.00105	0.00192	0
2089 Nov	0.0171	0.0000198	4.17	10.8	0.0986	0.00223	42.8	0.0283	0.00386	0.0000435	0.00122	0.000545	0.453	0.00000211	0.000769	0.00105	0.00192	0
2089 Dec	0.0171	0.0000198	4.17	10.8	0.0987	0.00223	42.8	0.0283	0.00386	0.0000435	0.00122	0.000545	0.453	0.00000211	0.000769	0.00105	0.00192	0
2090 Jan	0.0171	0.0000198	4.17	10.8	0.0987	0.00223	42.8	0.0283	0.00386	0.0000435	0.00122	0.000545	0.453	0.00000211	0.000769	0.00105	0.00192	0
2090 Feb	0.0171	0.0000198	4.17	10.8	0.0987	0.00223	42.8	0.0283	0.00386	0.0000435	0.00122	0.000545	0.453	0.00000211	0.000769	0.00105	0.00192	0
2090 Mar	0.0171	0.0000198	4.17	10.8	0.0987	0.00223	42.9	0.0283	0.00386	0.0000435	0.00122	0.000545	0.453	0.00000211	0.000769	0.00105	0.00192	0
2090 Apr	0.0171	0.0000198	4.17	10.8	0.0987	0.00223	42.9	0.0284	0.00386	0.0000435	0.00122	0.000545	0.453	0.00000211	0.00077	0.00105	0.00192	0
2090 May	0.0172	0.0000198	4.18	10.8	0.0989	0.00224	42.9	0.0284	0.00387	0.0000436	0.00122	0.000546	0.454	0.00000212	0.000771	0.00105	0.00192	0
2090 Jun	0.0171	0.0000198	4.16	10.8	0.0986	0.00223	42.8	0.0283	0.00383	0.0000433	0.00122	0.000544	0.453	0.0000021	0.000769	0.00105	0.00191	0
2090 Jul	0.0171	0.0000199	4.18	10.9	0.0992	0.00224	43	0.0285	0.00385	0.0000435	0.00123	0.000548	0.455	0.00000211	0.000773	0.00105	0.00192	0
2090 Aug	0.0171	0.0000199	4.19	10.9	0.0993	0.00225	43	0.0285	0.00384	0.0000434	0.00123	0.000548	0.456	0.0000021	0.000775	0.00105	0.00192	0
2090 Sep	0.0171	0.0000199	4.19	10.9	0.0994	0.00225	43	0.0286	0.00383	0.0000433	0.00123	0.000548	0.456	0.0000021	0.000775	0.00105	0.00192	0
2090 Oct	0.017	0.0000199	4.18	10.9	0.0992	0.00224	42.9	0.0285	0.00381	0.0000431	0.00123	0.000547	0.455	0.00000209	0.000773	0.00105	0.00192	0
2090 Nov	0.017	0.0000199	4.17	10.8	0.099	0.00224	42.8	0.0285	0.0038	0.000043	0.00123	0.000546	0.455	0.00000209	0.000772	0.00105	0.00191	0
2090 Dec	0.017	0.0000199	4.17	10.8	0.0991	0.00224	42.8	0.0285	0.0038	0.000043	0.00123	0.000547	0.455	0.00000209	0.000772	0.00105	0.00191	0
2091 Jan	0.017	0.0000199	4.17	10.8	0.0991	0.00224	42.8	0.0285	0.0038	0.000043	0.00123	0.000547	0.455	0.00000209	0.000772	0.00105	0.00191	0
2091 Feb	0.017	0.0000199	4.17	10.8	0.0991	0.00224	42.8	0.0285	0.0038	0.000043	0.00123	0.000547	0.455	0.00000209	0.000772	0.00105	0.00191	0
2091 Mar	0.017	0.0000199	4.17	10.8	0.0991	0.00224	42.9	0.0285	0.0038	0.000043	0.00123	0.000547	0.455	0.00000209	0.000773	0.00105	0.00191	0
2091 Apr	0.017	0.0000199	4.18	10.9	0.0992	0.00224	42.9	0.0285	0.00381	0.0000431	0.00123	0.000547	0.455	0.00000209	0.000773	0.00105	0.00192	0
2091 May	0.017	0.0000199	4.19	10.9	0.0994	0.00225	43	0.0286	0.00382	0.0000432	0.00123	0.000548	0.456	0.00000209	0.000775	0.00105	0.00192	0
2091 Jun	0.017	0.0000199	4.18	10.9	0.0993	0.00224	42.9	0.0285	0.00379	0.000043	0.00123	0.000548	0.456	0.00000208	0.000774	0.00105	0.00191	0
2091 Jul	0.0171	0.0000201	4.21	11	0.1	0.00226	43.2	0.0288	0.00382	0.0000433	0.00124	0.000552	0.459	0.0000021	0.000781	0.00106	0.00193	0
2091 Aug	0.0171	0.0000202	4.22	11	0.1	0.00227	43.4	0.0289	0.00382	0.0000433	0.00124	0.000554	0.461	0.0000021	0.000783	0.00106	0.00193	0
2091 Sep	0.0171	0.0000202	4.23	11	0.101	0.00227	43.4	0.0289	0.00382	0.0000433	0.00124	0.000555	0.462	0.0000021	0.000784	0.00107	0.00194	0
2091 Oct	0.0171	0.0000202	4.22	11	0.1	0.00227	43.3	0.0289	0.00381	0.0000432	0.00124	0.000554	0.461	0.00000209	0.000783	0.00106	0.00193	0
2091 Nov	0.017	0.0000201	4.22	11	0.1	0.00227	43.3	0.0288	0.0038	0.0000431	0.00124	0.000553	0.46	0.00000209	0.000782	0.00106	0.00193	0
2091 Dec	0.017	0.0000201	4.22	11	0.1	0.00227	43.3	0.0288	0.0038	0.0000431	0.00124	0.000553	0.46	0.00000209	0.000782	0.00106	0.00193	0
2092 Jan	0.017	0.0000201	4.22	11	0.1	0.00227	43.3	0.0288	0.0038	0.0000431	0.00124	0.000553	0.46	0.00000209	0.000782	0.00106	0.00193	0
2092 Feb	0.017	0.0000201	4.22	11	0.1	0.00227	43.3	0.0288	0.0038	0.0000431	0.00124	0.000553	0.46	0.00000209	0.000782	0.00106	0.00193	0
2092 Mar	0.017	0.0000201	4.22	11	0.1	0.00227	43.3	0.0288	0.0038	0.0000431	0.00124	0.000553	0.46	0.00000209	0.000783	0.00106	0.00193	0
2092 Apr	0.0171	0.0000202	4.22	11	0.1	0.00227	43.3	0.0289	0.0038	0.0000431	0.00124	0.000554	0.461	0.00000209	0.000783	0.00106	0.00193	0
2092 May	0.0171	0.0000202	4.23	11	0.101	0.00227	43.4	0.0289	0.00381	0.0000432	0.00125	0.000555	0.462	0.00000209	0.000785	0.00107	0.00193	0
2092 Jun	0.0169	0.0000201	4.2	10.9	0.1	0.00226	43	0.0287	0.00375	0.0000427	0.00124	0.000551	0.459	0.00000207	0.00078	0.00106	0.00192	0
2092 Jul	0.0169	0.0000201	4.21	11	0.1	0.00227	43.2	0.0288	0.00375	0.0000427	0.00124	0.000553	0.46	0.00000207	0.000783	0.00106	0.00192	0
2092 Aug	0.017	0.0000203	4.24	11	0.101	0.00228	43.5	0.0291	0.00378	0.000043	0.00125	0.000557	0.464	0.00000208	0.000788	0.00107	0.00193	0
2092 Sep	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.5	0.0291	0.00378	0.000043	0.00125	0.000558	0.464	0.00000208	0.00079	0.00107	0.00194	0
2092 Oct	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.5	0.0291	0.00377	0.000043	0.00125	0.000558	0.465	0.00000208	0.00079	0.00107	0.00194	0
2092 Nov	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.5	0.0291	0.00377	0.000043	0.00125	0.000558	0.465	0.00000208	0.00079	0.00107	0.00194	0
2092 Dec	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.5	0.0291	0.00377	0.000043	0.00125	0.000558	0.465	0.00000208	0.00079	0.00107	0.00194	0
2093 Jan	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.5	0.0291	0.00377	0.000043	0.00125	0.000558	0.465	0.00000208	0.00079	0.00107	0.00194	0
2093 Feb	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.5	0.0291	0.00377	0.000043	0.00125	0.000558	0.465	0.00000208	0.00079	0.00107	0.00194	0
2093 Mar	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.6	0.0291	0.00377	0.000043	0.00125	0.000559	0.465	0.00000208	0.000791	0.00107	0.00194	0
2093 Apr	0.0171	0.0000204	4.25	11.1	0.101	0.00229	43.6	0.0292	0.00378	0.000043	0.00126	0.000559	0.465	0.00000208	0.000791	0.00107	0.00194	0
2093 May	0.0171	0.0000204	4.26	11.1	0.102	0.0023	43.7	0.0292	0.00378	0.0000431	0.00126	0.00056	0.466	0.00000209	0.000793	0.00108	0.00194	0
2093 Jun	0.017	0.0000204	4.25	11.1	0.101	0.00229	43.5	0.0292	0.00376	0.0000428	0.00126	0.000559	0.465	0.00000207	0.000791	0.00107	0.00194	0
2093 Jul	0.0171	0.0000205	4.28	11.2	0.102	0.00231	43.8	0.0294	0.00378	0.0000431	0.00126	0.000563	0.468	0.00000208	0.000797	0.00108	0.00195	0
2093 Aug	0.0172	0.0000206	4.3	11.2	0.103	0.00232	44.1	0.0295	0.00379	0.0000433	0.00127	0.000566	0.471	0.00000209	0.000802	0.00109	0.00196	0
2093 Sep	0.0172	0.0000207	4.31	11.2	0.103	0.00233	44.2	0.0296	0.00379	0.0000433	0.00128	0.000567	0.472	0.0000021	0.000804	0.00109	0.00196	0
2093 Oct	0.0171	0.0000206	4.3	11.2	0.103	0.00232	44	0.0295	0.00377	0.0000431	0.00127	0.000566	0.471	0.00000208	0.000801	0.00109	0.00195	0
2093 Nov	0.0171	0.0000206	4.29	11.2	0.103	0.00232	44	0.0295	0.00377	0.000043	0.00127	0.000565	0.47	0.00000208	0.0008	0.00109	0.00195	0
2093 Dec	0.0171	0.0000206	4.29	11.2	0.103	0.00232	44	0.0295	0.00377	0.000043	0.00127	0.000565	0.47	0.00000208	0.0008	0.00109	0.00195	0
2094 Jan	0.0171	0.0000206	4.29	11.2	0.103	0.00232	44	0.0295	0.00377	0.000043	0.00127	0.000565	0.47	0.00000208	0.0008	0.00109	0.00195	0
2094 Feb	0.0171	0.0000206	4.29	11.2	0.103	0.00232	44	0.0295	0.00377	0.000043	0.00127	0.000565	0.47	0.00000208	0.0008	0.00109	0.00195	0
2094 Mar	0.0171	0.0000206	4.29	11.2	0.103	0.00232	44	0.0295	0.00377	0.000043	0.00127	0.000565	0.471	0.00000208	0.000801	0.00109	0.00195	0
2094 Apr	0.0171	0.0000206	4.29	11.2	0.103	0.00232	44	0.0295	0.00377	0.000043	0.00127	0.000566	0.471	0.00000208	0.000801	0.00109	0.00195	0
2094 May	0.0171	0.0000206	4.3	11.2	0.103	0.00232	44	0.0295	0.00377	0.000043	0.00127	0.000566	0.471	0.00000208	0.000802	0.00109	0.00195	0
2094 Jun	0.0171	0.0000207	4.3	11.2	0.103	0.00233	44.1	0.0296	0.00376	0.000043	0.00128	0.000567	0.472	0.00000208	0.000803	0.00109	0.00196	0
2094 Jul	0.0173	0.0000209	4.34	11.3	0.104	0.00235	44.5	0.0299	0.00379	0.0000434	0.00129	0.000573	0.477	0.0000021	0.000811	0.0011	0.00197	0
2094 Aug	0.0174	0.0000211	4.38	11.5	0.105	0.00237	44.9	0.0302	0.00383	0.0000438	0.0013	0.000578	0.481	0.00000212	0.000819	0.00111	0.00199	0
2094 Sep	0.0174	0.0000211	4.39	11.5	0.105	0.00238	45	0.0302	0.00383	0.0000438	0.0013	0.000579	0.482	0.00000212	0.00082	0.00111	0.00199	0
2094 Oct	0.0174	0.0000211	4.38	11.5	0.105	0.00237	44.9	0.0302	0.00381	0.0000436	0.0013	0.000578	0.481	0.00000211	0.000819	0.00111	0.00199	0
2094 Nov	0.0173	0.000021	4.37	11.4	0.105	0.00237	44.7	0.0301	0.00379	0.0000435	0.0013	0.000576	0.48	0.0000021	0.000817	0.00111	0.00198	0
2094 Dec	0.0173	0.000021	4.37	11.4	0.105	0.00237	44.7	0.0301	0.00379	0.0000435	0.0013	0.000576	0.48	0.0000021	0.000817	0.00111	0.00198	0
2095 Jan	0.0173	0.000021	4.37	11.4	0.105	0.00237	44.7	0.0301	0.00379	0.0000435	0.0013	0.000576	0.48	0.0000021	0.000817	0.00111	0.00198	0
2095 Feb	0.0173	0.000021	4.37	11.4	0.105	0.00237	44.7	0.0301	0.00379	0.0000435	0.0013	0.000576	0.48	0.0000021	0.000817	0.00111	0.00198	0
2095 Mar	0.0173	0.000021	4.37	11.4	0.105	0.00237	44.7	0.0301	0.00379	0.0000435	0.0013	0.000576	0.48	0.0000021	0.000817	0.00111	0.00198	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0173	0.000021	4.37	11.4	0.105	0.00237	44.8	0.0301	0.0038	0.0000435	0.0013	0.000577	0.48	0.0000021	0.000817	0.00111	0.00198	0
2095 May	0.0173	0.000021	4.38	11.4	0.105	0.00237	44.8	0.0302	0.0038	0.0000435	0.0013	0.000577	0.481	0.0000021	0.000818	0.00111	0.00199	0
2095 Jun	0.0173	0.0000211	4.39	11.5	0.105	0.00238	44.9	0.0303	0.0038	0.0000436	0.0013	0.000579	0.482	0.00000211	0.000821	0.00111	0.00199	0
2095 Jul	0.0175	0.0000213	4.43	11.6	0.106	0.0024	45.3	0.0305	0.00383	0.0000439	0.00132	0.000585	0.487	0.00000212	0.000829	0.00112	0.00201	0
2095 Aug	0.0175	0.0000214	4.44	11.6	0.107	0.00241	45.4	0.0306	0.00383	0.0000439	0.00132	0.000586	0.488	0.00000212	0.000831	0.00113	0.00201	0
2095 Sep	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00383	0.000044	0.00132	0.000587	0.489	0.00000213	0.000833	0.00113	0.00201	0
2095 Oct	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00383	0.000044	0.00132	0.000588	0.489	0.00000213	0.000833	0.00113	0.00202	0
2095 Nov	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00382	0.0000439	0.00132	0.000587	0.489	0.00000212	0.000833	0.00113	0.00201	0
2095 Dec	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00382	0.0000439	0.00132	0.000587	0.489	0.00000212	0.000833	0.00113	0.00201	0
2096 Jan	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00382	0.0000439	0.00132	0.000587	0.489	0.00000212	0.000833	0.00113	0.00201	0
2096 Feb	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00382	0.0000439	0.00132	0.000587	0.489	0.00000212	0.000833	0.00113	0.00201	0
2096 Mar	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00383	0.0000439	0.00132	0.000587	0.489	0.00000212	0.000833	0.00113	0.00201	0
2096 Apr	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00383	0.0000439	0.00132	0.000588	0.489	0.00000212	0.000834	0.00113	0.00202	0
2096 May	0.0175	0.0000215	4.46	11.7	0.107	0.00242	45.6	0.0308	0.00383	0.000044	0.00133	0.000589	0.49	0.00000213	0.000835	0.00113	0.00202	0
2096 Jun	0.0174	0.0000214	4.43	11.6	0.106	0.0024	45.3	0.0306	0.00379	0.0000436	0.00132	0.000586	0.487	0.0000021	0.00083	0.00113	0.002	0
2096 Jul	0.0175	0.0000215	4.46	11.7	0.107	0.00242	45.6	0.0308	0.0038	0.0000438	0.00133	0.000589	0.491	0.00000211	0.000836	0.00113	0.00201	0
2096 Aug	0.0176	0.0000217	4.49	11.8	0.108	0.00244	45.9	0.031	0.00383	0.0000441	0.00134	0.000594	0.494	0.00000213	0.000842	0.00114	0.00203	0
2096 Sep	0.0176	0.0000217	4.49	11.8	0.108	0.00244	45.9	0.0311	0.00382	0.000044	0.00134	0.000594	0.495	0.00000213	0.000843	0.00114	0.00203	0
2096 Oct	0.0175	0.0000216	4.48	11.7	0.108	0.00243	45.8	0.031	0.0038	0.0000438	0.00133	0.000593	0.493	0.00000212	0.000841	0.00114	0.00202	0
2096 Nov	0.0175	0.0000216	4.48	11.7	0.108	0.00243	45.8	0.031	0.0038	0.0000438	0.00133	0.000593	0.493	0.00000212	0.000841	0.00114	0.00202	0
2096 Dec	0.0175	0.0000216	4.48	11.7	0.108	0.00243	45.8	0.031	0.0038	0.0000438	0.00133	0.000593	0.493	0.00000212	0.000841	0.00114	0.00202	0
2097 Jan	0.0175	0.0000216	4.48	11.7	0.108	0.00243	45.8	0.031	0.0038	0.0000438	0.00133	0.000593	0.493	0.00000212	0.000841	0.00114	0.00202	0
2097 Feb	0.0175	0.0000216	4.48	11.7	0.108	0.00243	45.8	0.031	0.0038	0.0000438	0.00133	0.000593	0.493	0.00000212	0.000841	0.00114	0.00202	0
2097 Mar	0.0175	0.0000216	4.48	11.7	0.108	0.00244	45.8	0.031	0.0038	0.0000438	0.00133	0.000593	0.494	0.00000212	0.000841	0.00114	0.00202	0
2097 Apr	0.0175	0.0000216	4.48	11.8	0.108	0.00244	45.8	0.031	0.00381	0.0000439	0.00134	0.000593	0.494	0.00000212	0.000842	0.00114	0.00202	0
2097 May	0.0176	0.0000217	4.5	11.8	0.108	0.00244	46	0.0311	0.00382	0.000044	0.00134	0.000595	0.495	0.00000212	0.000844	0.00114	0.00203	0
2097 Jun	0.0175	0.0000217	4.5	11.8	0.108	0.00244	46	0.0311	0.0038	0.0000439	0.00134	0.000595	0.495	0.00000212	0.000844	0.00114	0.00203	0
2097 Jul	0.0177	0.0000219	4.53	11.9	0.109	0.00247	46.3	0.0314	0.00383	0.0000442	0.00135	0.0006	0.5	0.00000213	0.000852	0.00115	0.00205	0
2097 Aug	0.0178	0.000022	4.56	12	0.11	0.00248	46.6	0.0316	0.00385	0.0000444	0.00136	0.000604	0.503	0.00000214	0.000857	0.00116	0.00206	0
2097 Sep	0.0178	0.0000221	4.57	12	0.11	0.00249	46.7	0.0317	0.00386	0.0000445	0.00136	0.000605	0.504	0.00000215	0.000859	0.00116	0.00206	0
2097 Oct	0.0178	0.0000221	4.57	12	0.11	0.00249	46.7	0.0317	0.00385	0.0000445	0.00136	0.000605	0.504	0.00000215	0.000859	0.00116	0.00206	0
2097 Nov	0.0178	0.0000221	4.57	12	0.11	0.00249	46.7	0.0317	0.00385	0.0000444	0.00136	0.000605	0.504	0.00000214	0.000859	0.00116	0.00206	0
2097 Dec	0.0178	0.0000221	4.57	12	0.11	0.00249	46.7	0.0316	0.00385	0.0000444	0.00136	0.000605	0.504	0.00000214	0.000859	0.00116	0.00206	0
2098 Jan	0.0178	0.0000221	4.57	12	0.11	0.00249	46.7	0.0316	0.00385	0.0000444	0.00136	0.000605	0.504	0.00000214	0.000859	0.00116	0.00206	0
2098 Feb	0.0178	0.0000221	4.57	12	0.11	0.00249	46.7	0.0316	0.00385	0.0000444	0.00136	0.000605	0.504	0.00000214	0.000859	0.00116	0.00206	0
2098 Mar	0.0178	0.0000221	4.57	12	0.11	0.00249	46.7	0.0317	0.00385	0.0000444	0.00136	0.000605	0.504	0.00000214	0.000859	0.00116	0.00206	0
2098 Apr	0.0178	0.0000221	4.57	12	0.11	0.00249	46.7	0.0317	0.00385	0.0000444	0.00136	0.000605	0.504	0.00000214	0.000859	0.00116	0.00206	0
2098 May	0.0178	0.0000221	4.57	12	0.11	0.00249	46.7	0.0317	0.00385	0.0000444	0.00137	0.000606	0.504	0.00000214	0.00086	0.00117	0.00206	0
2098 Jun	0.0176	0.000022	4.54	11.9	0.11	0.00248	46.4	0.0315	0.0038	0.000044	0.00136	0.000602	0.501	0.00000212	0.000855	0.00116	0.00204	0
2098 Jul	0.0178	0.0000222	4.58	12	0.111	0.0025	46.8	0.0318	0.00383	0.0000443	0.00137	0.000608	0.506	0.00000214	0.000863	0.00117	0.00206	0
2098 Aug	0.0178	0.0000223	4.6	12.1	0.111	0.00251	47	0.0319	0.00384	0.0000444	0.00138	0.00061	0.508	0.00000214	0.000866	0.00117	0.00207	0
2098 Sep	0.0177	0.0000222	4.59	12.1	0.111	0.0025	46.9	0.0319	0.00382	0.0000442	0.00137	0.000609	0.507	0.00000213	0.000865	0.00117	0.00206	0
2098 Oct	0.0177	0.0000222	4.58	12	0.111	0.0025	46.7	0.0318	0.0038	0.000044	0.00137	0.000607	0.506	0.00000212	0.000863	0.00117	0.00206	0
2098 Nov	0.0176	0.0000222	4.57	12	0.11	0.0025	46.7	0.0318	0.00379	0.000044	0.00137	0.000607	0.505	0.00000212	0.000862	0.00117	0.00205	0
2098 Dec	0.0176	0.0000222	4.57	12	0.11	0.0025	46.7	0.0318	0.0038	0.000044	0.00137	0.000607	0.505	0.00000212	0.000862	0.00117	0.00205	0
2099 Jan	0.0176	0.0000222	4.57	12	0.11	0.0025	46.7	0.0318	0.0038	0.000044	0.00137	0.000607	0.505	0.00000212	0.000862	0.00117	0.00205	0
2099 Feb	0.0176	0.0000222	4.57	12	0.11	0.0025	46.7	0.0318	0.0038	0.000044	0.00137	0.000607	0.505	0.00000212	0.000862	0.00117	0.00205	0
2099 Mar	0.0176	0.0000222	4.58	12	0.111	0.0025	46.7	0.0318	0.0038	0.000044	0.00137	0.000607	0.506	0.00000212	0.000862	0.00117	0.00206	0
2099 Apr	0.0177	0.0000222	4.58	12	0.111	0.0025	46.8	0.0318	0.0038	0.0000441	0.00137	0.000608	0.506	0.00000212	0.000863	0.00117	0.00206	0
2099 May	0.0176	0.0000222	4.57	12	0.11	0.0025	46.7	0.0318	0.00379	0.0000439	0.00137	0.000607	0.505	0.00000212	0.000862	0.00117	0.00205	0
2099 Jun	0.0176	0.0000222	4.57	12	0.11	0.00249	46.6	0.0318	0.00377	0.0000438	0.00137	0.000607	0.505	0.00000211	0.000862	0.00117	0.00205	0
2099 Jul	0.0177	0.0000223	4.6	12.1	0.111	0.00251	47	0.032	0.0038	0.0000441	0.00138	0.000611	0.509	0.00000212	0.000869	0.00118	0.00207	0
2099 Aug	0.0178	0.0000225	4.64	12.2	0.112	0.00253	47.3	0.0323	0.00382	0.0000443	0.00139	0.000616	0.513	0.00000214	0.000876	0.00119	0.00208	0
2099 Sep	0.0178	0.0000225	4.64	12.2	0.112	0.00253	47.3	0.0323	0.00381	0.0000443	0.00139	0.000616	0.513	0.00000213	0.000875	0.00119	0.00208	0
2099 Oct	0.0177	0.0000225	4.63	12.2	0.112	0.00253	47.2	0.0322	0.0038	0.0000441	0.00139	0.000615	0.512	0.00000213	0.000874	0.00118	0.00207	0
2099 Nov	0.0177	0.0000224	4.62	12.2	0.112	0.00253	47.2	0.0322	0.00379	0.0000441	0.00139	0.000614	0.512	0.00000212	0.000873	0.00118	0.00207	0
2099 Dec	0.0177	0.0000224	4.62	12.2	0.112	0.00253	47.2	0.0322	0.00379	0.0000441	0.00139	0.000614	0.512	0.00000212	0.000873	0.00118	0.00207	0
2100 Jan	0.0177	0.0000225	4.62	12.2	0.112	0.00253	47.2	0.0322	0.00379	0.0000441	0.00139	0.000614	0.512	0.00000212	0.000873	0.00118	0.00207	0
2100 Feb	0.0177	0.0000225	4.62	12.2	0.112	0.00253	47.2	0.0322	0.00379	0.0000441	0.00139	0.000614	0.512	0.00000212	0.000873	0.00118	0.00207	0
2100 Mar	0.0177	0.0000225	4.62	12.2	0.112	0.00253	47.2	0.0322	0.00379	0.0000441	0.00139	0.000614	0.512	0.00000212	0.000873	0.00118	0.00207	0
2100 Apr	0.0177	0.0000225	4.63	12.2	0.112	0.00253	47.2	0.0322	0.00379	0.0000441	0.00139	0.000615	0.512	0.00000213	0.000874	0.00118	0.00207	0
2100 May	0.0177	0.0000225	4.63	12.2	0.112	0.00253	47.3	0.0323	0.0038	0.0000442	0.00139	0.000616	0.513	0.00000213	0.000876	0.00119	0.00208	0
2100 Jun	0.0176	0.0000224	4.61	12.1	0.112	0.00252	47	0.0321	0.00376	0.0000437	0.00138	0.000613	0.51	0.00000211	0.000871	0.00118	0.00206	0
2100 Jul	0.0176	0.0000225	4.62	12.2	0.112	0.00253	47.2	0.0322	0.00376	0.0000438	0.00139	0.000615	0.512	0.00000211	0.000875	0.00118	0.00207	0
2100 Aug	0.0176	0.0000225	4.63	12.2	0.112	0.00254	47.2	0.0323	0.00376	0.0000438	0.00139	0.000616	0.513	0.00000211	0.000877	0.00119	0.00207	0
2100 Sep	0.0177	0.0000226	4.64	12.2	0.113	0.00254	47.3	0.0324	0.00376	0.0000439	0.00139	0.000617	0.514	0.00000211	0.000878	0.00119	0.00207	0
2100 Oct	0.0177	0.0000226	4.64	12.2	0.113	0.00254	47.3	0.0324	0.00376	0.0000439	0.00139	0.000618	0.515	0.00000211	0.000879	0.00119	0.00207	0
2100 Nov	0.0177	0.0000226	4.64	12.2	0.113	0.00254	47.3	0.0324	0.00376	0.0000439	0.0014	0.000618	0.515	0.00000211	0.000879	0.00119	0.00208	0
2100 Dec	0.0177	0.0000226	4.64	12.2	0.113	0.00254	47.3	0.0324	0.00376	0.0000439	0.0014	0.000618	0.515	0.00000211	0.000879	0.00119	0.00208	0
2101 Jan	0.0177	0.0000226	4.64	12.2	0.113	0.00254	47.3	0.0324	0.00376	0.0000439	0.0014	0.000618	0.515	0.00000211	0.000879	0.00119	0.00208	0
2101 Feb	0.0177	0.0000226	4.64	12.2	0.113	0.00254	47.3	0.0324	0.00376	0.0000439	0.0014	0.000618	0.515	0.00000211	0.000879	0.00119	0.00208	0
2101 Mar	0.0177	0.0000226	4.64	12.2	0.113	0.00254	47.3	0.0324	0.00376	0.0000439	0.0014	0.000618	0.515	0.00000211	0.000879	0.00119	0.00208	0
2101 Apr	0.0177	0.0000226	4.65	12.2	0.113	0.00255	47.4	0.0324	0.00376	0.0000439	0.0014	0.000619	0.515	0.00000211	0.00088	0.00119	0.00208	0
2101 May	0.0177	0.0000226	4.65	12.3	0.113	0.00255	47.4	0.0325	0.00377	0.0000439	0.0014	0.000619	0.516	0.00000212	0.000881	0.00119	0.00208	0
2101 Jun	0.0176	0.0000226	4.64	12.2	0.113	0.00254	47.3	0.0324	0.00374	0.0000437	0.0014	0.000618	0.515	0.0000021	0.000879	0.00119	0.00207	0
2101 Jul	0.0178	0.0000228	4.68	12.3	0.114	0.00256	47.7	0.0327	0.00377	0.0000441	0.00141	0.000623	0.519	0.00000212	0.000886	0.0012	0.00209	0
2101 Aug	0.0179	0.000023	4.71	12.4	0.114	0.00258	48	0.0329	0.0038	0.0000444	0.00142	0.000628	0.523	0.00000214	0.000893	0.00121	0.0021	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.0179	0.000023	4.72	12.4	0.115	0.00259	48.1	0.033	0.00379	0.0000443	0.00142	0.000629	0.524	0.00000213	0.000894	0.00121	0.00211	0
2101 Oct	0.0179	0.000023	4.72	12.4	0.115	0.00259	48.1	0.033	0.00379	0.0000443	0.00142	0.000629	0.524	0.00000213	0.000895	0.00121	0.00211	0
2101 Nov	0.0178	0.000023	4.71	12.4	0.114	0.00258	48	0.0329	0.00378	0.0000442	0.00142	0.000628	0.523	0.00000213	0.000893	0.00121	0.0021	0
2101 Dec	0.0178	0.000023	4.71	12.4	0.114	0.00258	48	0.0329	0.00378	0.0000442	0.00142	0.000628	0.523	0.00000213	0.000893	0.00121	0.0021	0
2102 Jan	0.0178	0.000023	4.71	12.4	0.114	0.00258	48	0.0329	0.00378	0.0000442	0.00142	0.000628	0.523	0.00000213	0.000893	0.00121	0.0021	0
2102 Feb	0.0178	0.000023	4.71	12.4	0.114	0.00258	48	0.0329	0.00378	0.0000442	0.00142	0.000628	0.523	0.00000213	0.000893	0.00121	0.0021	0
2102 Mar	0.0178	0.000023	4.71	12.4	0.114	0.00258	48	0.0329	0.00378	0.0000442	0.00142	0.000628	0.523	0.00000213	0.000893	0.00121	0.0021	0
2102 Apr	0.0178	0.000023	4.71	12.4	0.115	0.00259	48	0.0329	0.00378	0.0000442	0.00142	0.000628	0.523	0.00000213	0.000894	0.00121	0.0021	0
2102 May	0.0179	0.000023	4.72	12.5	0.115	0.00259	48.1	0.033	0.00379	0.0000443	0.00142	0.000629	0.524	0.00000213	0.000896	0.00121	0.00211	0
2102 Jun	0.0178	0.0000229	4.7	12.4	0.114	0.00258	47.9	0.0329	0.00376	0.000044	0.00142	0.000627	0.522	0.00000212	0.000892	0.00121	0.0021	0
2102 Jul	0.0178	0.000023	4.71	12.4	0.115	0.00259	48	0.033	0.00376	0.000044	0.00142	0.000628	0.523	0.00000212	0.000894	0.00121	0.0021	0
2102 Aug	0.0179	0.0000231	4.74	12.5	0.115	0.0026	48.2	0.0332	0.00377	0.0000442	0.00143	0.000632	0.526	0.00000213	0.000899	0.00122	0.00211	0
2102 Sep	0.0179	0.0000232	4.75	12.5	0.115	0.00261	48.3	0.0332	0.00378	0.0000443	0.00143	0.000633	0.527	0.00000213	0.000901	0.00122	0.00211	0
2102 Oct	0.0178	0.0000231	4.73	12.5	0.115	0.0026	48.2	0.0331	0.00376	0.000044	0.00143	0.000631	0.526	0.00000212	0.000899	0.00122	0.00211	0
2102 Nov	0.0178	0.0000231	4.73	12.5	0.115	0.0026	48.2	0.0331	0.00376	0.000044	0.00143	0.000631	0.526	0.00000212	0.000899	0.00122	0.00211	0
2102 Dec	0.0178	0.0000231	4.73	12.5	0.115	0.0026	48.2	0.0331	0.00376	0.000044	0.00143	0.000631	0.526	0.00000212	0.000899	0.00122	0.00211	0
2103 Jan	0.0178	0.0000231	4.73	12.5	0.115	0.0026	48.2	0.0331	0.00376	0.000044	0.00143	0.000631	0.526	0.00000212	0.000899	0.00122	0.00211	0
2103 Feb	0.0178	0.0000231	4.73	12.5	0.115	0.0026	48.2	0.0331	0.00376	0.0000441	0.00143	0.000631	0.526	0.00000212	0.000899	0.00122	0.00211	0
2103 Mar	0.0178	0.0000231	4.73	12.5	0.115	0.0026	48.2	0.0331	0.00376	0.0000441	0.00143	0.000631	0.526	0.00000212	0.000899	0.00122	0.00211	0
2103 Apr	0.0178	0.0000231	4.73	12.5	0.115	0.0026	48.2	0.0332	0.00376	0.0000441	0.00143	0.000632	0.526	0.00000212	0.000899	0.00122	0.00211	0
2103 May	0.0178	0.0000231	4.74	12.5	0.115	0.00261	48.3	0.0332	0.00376	0.0000441	0.00143	0.000633	0.527	0.00000212	0.000901	0.00122	0.00211	0
2103 Jun	0.0177	0.0000231	4.72	12.5	0.115	0.0026	48.1	0.0331	0.00373	0.0000438	0.00142	0.00063	0.525	0.00000211	0.000897	0.00121	0.0021	0
2103 Jul	0.0178	0.0000232	4.75	12.5	0.116	0.00261	48.3	0.0333	0.00374	0.000044	0.00143	0.000634	0.528	0.00000211	0.000902	0.00122	0.00211	0
2103 Aug	0.0178	0.0000233	4.76	12.6	0.116	0.00262	48.4	0.0334	0.00375	0.000044	0.00144	0.000635	0.529	0.00000212	0.000905	0.00122	0.00211	0
2103 Sep	0.0178	0.0000232	4.75	12.6	0.116	0.00262	48.4	0.0333	0.00373	0.0000439	0.00144	0.000635	0.529	0.00000211	0.000904	0.00122	0.00211	0
2103 Oct	0.0177	0.0000232	4.74	12.5	0.115	0.00261	48.2	0.0332	0.00371	0.0000437	0.00143	0.000633	0.527	0.0000021	0.000901	0.00122	0.0021	0
2103 Nov	0.0177	0.0000231	4.73	12.5	0.115	0.00261	48.1	0.0332	0.00371	0.0000436	0.00143	0.000632	0.527	0.0000021	0.000901	0.00122	0.0021	0
2103 Dec	0.0177	0.0000231	4.73	12.5	0.115	0.00261	48.1	0.0332	0.00371	0.0000436	0.00143	0.000632	0.527	0.0000021	0.000901	0.00122	0.0021	0
2104 Jan	0.0177	0.0000231	4.73	12.5	0.115	0.00261	48.1	0.0332	0.00371	0.0000436	0.00143	0.000632	0.527	0.0000021	0.000901	0.00122	0.0021	0
2104 Feb	0.0177	0.0000231	4.73	12.5	0.115	0.00261	48.1	0.0332	0.00371	0.0000436	0.00143	0.000632	0.527	0.0000021	0.000901	0.00122	0.0021	0
2104 Mar	0.0177	0.0000231	4.73	12.5	0.115	0.00261	48.1	0.0332	0.00371	0.0000436	0.00143	0.000632	0.527	0.0000021	0.000901	0.00122	0.0021	0
2104 Apr	0.0177	0.0000232	4.74	12.5	0.116	0.00261	48.2	0.0332	0.00371	0.0000437	0.00143	0.000633	0.527	0.0000021	0.000902	0.00122	0.0021	0
2104 May	0.0177	0.0000232	4.74	12.5	0.116	0.00261	48.3	0.0333	0.00371	0.0000437	0.00143	0.000634	0.528	0.0000021	0.000903	0.00122	0.00211	0
2104 Jun	0.0176	0.0000231	4.72	12.5	0.115	0.0026	48	0.0332	0.00368	0.0000434	0.00143	0.000631	0.526	0.00000208	0.0009	0.00122	0.00209	0
2104 Jul	0.0177	0.0000233	4.75	12.6	0.116	0.00262	48.3	0.0334	0.0037	0.0000436	0.00144	0.000635	0.529	0.00000209	0.000905	0.00122	0.00211	0
2104 Aug	0.0177	0.0000234	4.77	12.6	0.117	0.00263	48.5	0.0335	0.00371	0.0000438	0.00144	0.000638	0.532	0.0000021	0.00091	0.00123	0.00211	0
2104 Sep	0.0177	0.0000234	4.77	12.6	0.117	0.00263	48.5	0.0335	0.0037	0.0000437	0.00144	0.000638	0.532	0.0000021	0.000909	0.00123	0.00211	0
2104 Oct	0.0177	0.0000233	4.76	12.6	0.116	0.00263	48.4	0.0335	0.00369	0.0000436	0.00144	0.000637	0.531	0.00000209	0.000908	0.00123	0.00211	0
2104 Nov	0.0177	0.0000233	4.76	12.6	0.116	0.00262	48.4	0.0335	0.00369	0.0000435	0.00144	0.000637	0.531	0.00000209	0.000908	0.00123	0.00211	0
2104 Dec	0.0177	0.0000233	4.76	12.6	0.116	0.00262	48.4	0.0335	0.00369	0.0000435	0.00144	0.000637	0.531	0.00000209	0.000908	0.00123	0.00211	0
2105 Jan	0.0177	0.0000233	4.76	12.6	0.116	0.00262	48.4	0.0335	0.00369	0.0000435	0.00144	0.000637	0.531	0.00000209	0.000908	0.00123	0.00211	0
2105 Feb	0.0177	0.0000233	4.76	12.6	0.116	0.00263	48.4	0.0335	0.00369	0.0000435	0.00144	0.000637	0.531	0.00000209	0.000908	0.00123	0.00211	0
2105 Mar	0.0177	0.0000233	4.76	12.6	0.116	0.00263	48.4	0.0335	0.00369	0.0000435	0.00144	0.000637	0.531	0.00000209	0.000908	0.00123	0.00211	0
2105 Apr	0.0177	0.0000233	4.76	12.6	0.116	0.00263	48.4	0.0335	0.00369	0.0000436	0.00144	0.000637	0.531	0.00000209	0.000908	0.00123	0.00211	0
2105 May	0.0177	0.0000234	4.77	12.6	0.116	0.00263	48.5	0.0335	0.00369	0.0000436	0.00144	0.000638	0.532	0.00000209	0.000909	0.00123	0.00211	0
2105 Jun	0.0177	0.0000234	4.77	12.6	0.117	0.00263	48.5	0.0336	0.00368	0.0000435	0.00144	0.000638	0.532	0.00000209	0.00091	0.00123	0.00211	0
2105 Jul	0.0178	0.0000235	4.8	12.7	0.117	0.00265	48.8	0.0338	0.0037	0.0000438	0.00145	0.000642	0.535	0.0000021	0.000916	0.00124	0.00212	0
2105 Aug	0.0177	0.0000236	4.8	12.7	0.117	0.00265	48.8	0.0338	0.00369	0.0000437	0.00146	0.000643	0.536	0.0000021	0.000917	0.00124	0.00212	0
2105 Sep	0.0177	0.0000235	4.79	12.7	0.117	0.00265	48.7	0.0338	0.00368	0.0000436	0.00145	0.000642	0.535	0.00000209	0.000916	0.00124	0.00212	0
2105 Oct	0.0176	0.0000235	4.78	12.7	0.117	0.00264	48.6	0.0337	0.00366	0.0000434	0.00145	0.000641	0.534	0.00000208	0.000914	0.00123	0.00211	0
2105 Nov	0.0176	0.0000234	4.78	12.6	0.117	0.00264	48.5	0.0337	0.00366	0.0000433	0.00145	0.00064	0.533	0.00000208	0.000913	0.00123	0.00211	0
2105 Dec	0.0176	0.0000234	4.78	12.6	0.117	0.00264	48.5	0.0337	0.00366	0.0000433	0.00145	0.00064	0.533	0.00000208	0.000913	0.00123	0.00211	0
2106 Jan	0.0176	0.0000234	4.78	12.6	0.117	0.00264	48.5	0.0337	0.00366	0.0000433	0.00145	0.00064	0.533	0.00000208	0.000913	0.00123	0.00211	0
2106 Feb	0.0176	0.0000234	4.78	12.6	0.117	0.00264	48.5	0.0337	0.00366	0.0000433	0.00145	0.00064	0.533	0.00000208	0.000913	0.00123	0.00211	0
2106 Mar	0.0176	0.0000235	4.78	12.6	0.117	0.00264	48.5	0.0337	0.00366	0.0000433	0.00145	0.00064	0.533	0.00000208	0.000913	0.00123	0.00211	0
2106 Apr	0.0176	0.0000235	4.78	12.7	0.117	0.00264	48.6	0.0337	0.00366	0.0000434	0.00145	0.000641	0.534	0.00000208	0.000914	0.00123	0.00211	0
2106 May	0.0177	0.0000235	4.79	12.7	0.117	0.00265	48.7	0.0338	0.00367	0.0000435	0.00145	0.000642	0.535	0.00000208	0.000916	0.00124	0.00212	0
2106 Jun	0.0175	0.0000234	4.77	12.6	0.117	0.00264	48.4	0.0336	0.00364	0.0000431	0.00145	0.000639	0.533	0.00000207	0.000912	0.00123	0.00211	0
2106 Jul	0.0176	0.0000236	4.8	12.7	0.118	0.00265	48.7	0.0338	0.00365	0.0000433	0.00146	0.000643	0.536	0.00000208	0.000918	0.00124	0.00212	0
2106 Aug	0.0176	0.0000236	4.81	12.7	0.118	0.00266	48.8	0.0339	0.00365	0.0000434	0.00146	0.000645	0.537	0.00000208	0.00092	0.00124	0.00212	0
2106 Sep	0.0176	0.0000236	4.8	12.7	0.118	0.00266	48.8	0.0339	0.00364	0.0000432	0.00146	0.000644	0.537	0.00000207	0.000919	0.00124	0.00212	0
2106 Oct	0.0176	0.0000236	4.8	12.7	0.118	0.00266	48.8	0.0339	0.00364	0.0000432	0.00146	0.000644	0.537	0.00000207	0.000919	0.00124	0.00212	0
2106 Nov	0.0176	0.0000236	4.8	12.7	0.118	0.00266	48.8	0.0339	0.00364	0.0000432	0.00146	0.000645	0.537	0.00000207	0.00092	0.00124	0.00212	0
2106 Dec	0.0176	0.0000236	4.8	12.7	0.118	0.00266	48.8	0.0339	0.00364	0.0000432	0.00146	0.000645	0.537	0.00000207	0.00092	0.00124	0.00212	0
2107 Jan	0.0176	0.0000236	4.8	12.7	0.118	0.00266	48.8	0.0339	0.00364	0.0000432	0.00146	0.000645	0.537	0.00000207	0.00092	0.00124	0.00212	0
2107 Feb	0.0176	0.0000236	4.8	12.7	0.118	0.00266	48.8	0.0339	0.00364	0.0000432	0.00146	0.000645	0.537	0.00000207	0.00092	0.00124	0.00212	0
2107 Mar	0.0176	0.0000236	4.81	12.7	0.118	0.00266	48.8	0.0339	0.00364	0.0000432	0.00146	0.000645	0.537	0.00000207	0.00092	0.00124	0.00212	0
2107 Apr	0.0176	0.0000236	4.81	12.7	0.118	0.00266	48.8	0.0339	0.00364	0.0000432	0.00146	0.000645	0.538	0.00000207	0.00092	0.00124	0.00212	0
2107 May	0.0176	0.0000237	4.81	12.7	0.118	0.00266	48.8	0.0339	0.00364	0.0000432	0.00146	0.000645	0.538	0.00000207	0.000921	0.00124	0.00212	0
2107 Jun	0.0176	0.0000236	4.81	12.7	0.118	0.00266	48.8	0.0339	0.00363	0.0000431	0.00146	0.000645	0.538	0.00000207	0.000921	0.00124	0.00212	0
2107 Jul	0.0176	0.0000237	4.83	12.8	0.118	0.00267	49	0.0341	0.00364	0.0000433	0.00147	0.000648	0.54	0.00000207	0.000925	0.00125	0.00213	0
2107 Aug	0.0177	0.0000239	4.85	12.9	0.119	0.00269	49.3	0.0343	0.00365	0.0000435	0.00148	0.000652	0.543	0.00000208	0.00093	0.00126	0.00214	0
2107 Sep	0.0178	0.0000239	4.86	12.9	0.119	0.00269	49.4	0.0344	0.00366	0.0000435	0.00148	0.000653	0.544	0.00000209	0.000932	0.00126	0.00214	0
2107 Oct	0.0177	0.0000239	4.86	12.9	0.119	0.00269	49.3	0.0344	0.00365	0.0000435	0.00148	0.000653	0.544	0.00000208	0.000932	0.00126	0.00214	0
2107 Nov	0.0177	0.0000239	4.86	12.9	0.119	0.00269	49.3	0.0343	0.00365	0.0000435	0.00148	0.000653	0.544	0.00000208	0.000932	0.00126	0.00214	0
2107 Dec	0.0177	0.0000239	4.86	12.9	0.119	0.00269	49.3	0.0343	0.00365	0.0000435	0.00148	0.000653	0.544	0.00000208	0.000932	0.00126	0.00214	0
2108 Jan	0.0177	0.0000239	4.86	12.9	0.119	0.00269	49.3	0.0343	0.00365	0.0000435	0.00148	0.000653	0.544	0.00000208	0.000932	0.00126	0.00214	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0177	0.0000239	4.86	12.9	0.119	0.00269	49.3	0.0343	0.00365	0.0000435	0.00148	0.000653	0.544	0.00000208	0.000932	0.00126	0.00214	0
2108 Mar	0.0177	0.0000239	4.86	12.9	0.119	0.00269	49.3	0.0344	0.00365	0.0000435	0.00148	0.000653	0.544	0.00000208	0.000932	0.00126	0.00214	0
2108 Apr	0.0178	0.000024	4.87	12.9	0.12	0.0027	49.4	0.0344	0.00365	0.0000435	0.00148	0.000654	0.545	0.00000209	0.000933	0.00126	0.00214	0
2108 May	0.0178	0.000024	4.88	12.9	0.12	0.0027	49.5	0.0345	0.00366	0.0000436	0.00149	0.000655	0.546	0.00000209	0.000936	0.00126	0.00215	0
2108 Jun	0.0178	0.000024	4.88	12.9	0.12	0.0027	49.5	0.0345	0.00365	0.0000435	0.00149	0.000655	0.546	0.00000209	0.000936	0.00126	0.00215	0
2108 Jul	0.0179	0.0000242	4.92	13	0.121	0.00273	49.9	0.0348	0.00368	0.0000438	0.0015	0.00066	0.55	0.0000021	0.000943	0.00127	0.00216	0
2108 Aug	0.018	0.0000244	4.96	13.2	0.122	0.00275	50.3	0.035	0.0037	0.0000442	0.00151	0.000666	0.555	0.00000212	0.000951	0.00128	0.00218	0
2108 Sep	0.0181	0.0000245	4.97	13.2	0.122	0.00275	50.4	0.0351	0.00371	0.0000442	0.00151	0.000667	0.556	0.00000212	0.000953	0.00129	0.00218	0
2108 Oct	0.018	0.0000244	4.94	13.1	0.122	0.00274	50.2	0.035	0.00368	0.000044	0.00151	0.000665	0.554	0.00000211	0.000949	0.00128	0.00217	0
2108 Nov	0.018	0.0000244	4.94	13.1	0.122	0.00274	50.1	0.035	0.00368	0.000044	0.00151	0.000664	0.554	0.00000211	0.000949	0.00128	0.00217	0
2108 Dec	0.018	0.0000244	4.94	13.1	0.122	0.00274	50.1	0.035	0.00368	0.000044	0.00151	0.000664	0.554	0.00000211	0.000949	0.00128	0.00217	0
2109 Jan	0.018	0.0000244	4.94	13.1	0.122	0.00274	50.1	0.035	0.00368	0.000044	0.00151	0.000664	0.554	0.00000211	0.000949	0.00128	0.00217	0
2109 Feb	0.018	0.0000244	4.94	13.1	0.122	0.00274	50.2	0.035	0.00368	0.000044	0.00151	0.000664	0.554	0.00000211	0.000949	0.00128	0.00217	0
2109 Mar	0.018	0.0000244	4.94	13.1	0.122	0.00274	50.2	0.035	0.00368	0.000044	0.00151	0.000665	0.554	0.00000211	0.000949	0.00128	0.00217	0
2109 Apr	0.018	0.0000244	4.95	13.1	0.122	0.00275	50.2	0.035	0.00369	0.000044	0.00151	0.000665	0.554	0.00000211	0.00095	0.00128	0.00217	0
2109 May	0.018	0.0000244	4.95	13.2	0.122	0.00275	50.3	0.0351	0.00369	0.000044	0.00151	0.000666	0.555	0.00000211	0.000951	0.00128	0.00218	0
2109 Jun	0.018	0.0000245	4.96	13.2	0.122	0.00276	50.3	0.0351	0.00369	0.0000441	0.00151	0.000667	0.556	0.00000211	0.000953	0.00129	0.00218	0
2109 Jul	0.0181	0.0000246	4.99	13.2	0.123	0.00277	50.6	0.0353	0.0037	0.0000442	0.00152	0.000671	0.559	0.00000212	0.000958	0.00129	0.00219	0
2109 Aug	0.0182	0.0000247	5.01	13.3	0.123	0.00278	50.9	0.0355	0.00371	0.0000444	0.00153	0.000674	0.562	0.00000213	0.000963	0.0013	0.0022	0
2109 Sep	0.0181	0.0000247	5.02	13.3	0.123	0.00279	50.9	0.0355	0.00371	0.0000444	0.00153	0.000675	0.562	0.00000212	0.000964	0.0013	0.0022	0
2109 Oct	0.0181	0.0000247	5	13.3	0.123	0.00278	50.7	0.0354	0.00369	0.0000441	0.00152	0.000672	0.56	0.00000211	0.00096	0.0013	0.00219	0
2109 Nov	0.0181	0.0000247	5	13.3	0.123	0.00278	50.7	0.0354	0.00369	0.0000441	0.00153	0.000672	0.561	0.00000211	0.000961	0.0013	0.00219	0
2109 Dec	0.0181	0.0000247	5	13.3	0.123	0.00278	50.7	0.0354	0.00369	0.0000441	0.00153	0.000672	0.561	0.00000211	0.000961	0.0013	0.00219	0
2110 Jan	0.0181	0.0000247	5	13.3	0.123	0.00278	50.7	0.0354	0.00369	0.0000441	0.00153	0.000672	0.561	0.00000211	0.000961	0.0013	0.00219	0
2110 Feb	0.0181	0.0000247	5	13.3	0.123	0.00278	50.7	0.0354	0.00369	0.0000442	0.00153	0.000672	0.561	0.00000211	0.000961	0.0013	0.00219	0
2110 Mar	0.0181	0.0000247	5	13.3	0.123	0.00278	50.7	0.0354	0.00369	0.0000442	0.00153	0.000673	0.561	0.00000211	0.000961	0.0013	0.00219	0
2110 Apr	0.0181	0.0000247	5	13.3	0.123	0.00278	50.7	0.0354	0.00369	0.0000442	0.00153	0.000673	0.561	0.00000211	0.000961	0.0013	0.00219	0
2110 May	0.0181	0.0000247	5.01	13.3	0.123	0.00278	50.8	0.0355	0.0037	0.0000442	0.00153	0.000674	0.562	0.00000212	0.000963	0.0013	0.0022	0
2110 Jun	0.018	0.0000246	4.98	13.2	0.123	0.00277	50.5	0.0353	0.00366	0.0000439	0.00152	0.000671	0.559	0.0000021	0.000959	0.00129	0.00218	0
2110 Jul	0.0181	0.0000247	5.01	13.3	0.123	0.00279	50.8	0.0355	0.00368	0.0000441	0.00153	0.000675	0.562	0.00000211	0.000964	0.0013	0.0022	0
2110 Aug	0.018	0.0000247	4.99	13.3	0.123	0.00278	50.6	0.0354	0.00365	0.0000438	0.00153	0.000673	0.561	0.0000021	0.000961	0.0013	0.00219	0
2110 Sep	0.0178	0.0000246	4.97	13.2	0.123	0.00277	50.4	0.0353	0.00362	0.0000435	0.00152	0.00067	0.558	0.00000208	0.000957	0.00129	0.00218	0
2110 Oct	0.0177	0.0000245	4.95	13.2	0.122	0.00275	50.1	0.0351	0.0036	0.0000433	0.00151	0.000667	0.556	0.00000207	0.000953	0.00129	0.00216	0
2110 Nov	0.0177	0.0000244	4.94	13.1	0.122	0.00275	50.1	0.0351	0.00359	0.0000432	0.00151	0.000666	0.555	0.00000207	0.000952	0.00128	0.00216	0
2110 Dec	0.0177	0.0000244	4.94	13.1	0.122	0.00275	50.1	0.0351	0.00359	0.0000432	0.00151	0.000666	0.555	0.00000207	0.000952	0.00128	0.00216	0
2111 Jan	0.0177	0.0000244	4.94	13.1	0.122	0.00275	50.1	0.0351	0.00359	0.0000432	0.00151	0.000666	0.555	0.00000207	0.000952	0.00128	0.00216	0
2111 Feb	0.0177	0.0000244	4.94	13.1	0.122	0.00275	50.1	0.0351	0.0036	0.0000432	0.00151	0.000666	0.555	0.00000207	0.000952	0.00128	0.00216	0
2111 Mar	0.0177	0.0000245	4.94	13.2	0.122	0.00275	50.1	0.0351	0.0036	0.0000432	0.00151	0.000666	0.556	0.00000207	0.000953	0.00128	0.00216	0
2111 Apr	0.0177	0.0000245	4.95	13.2	0.122	0.00276	50.1	0.0352	0.0036	0.0000433	0.00151	0.000667	0.556	0.00000207	0.000953	0.00129	0.00216	0
2111 May	0.0178	0.0000245	4.96	13.2	0.122	0.00276	50.2	0.0352	0.0036	0.0000433	0.00152	0.000668	0.557	0.00000207	0.000955	0.00129	0.00217	0
2111 Jun	0.0177	0.0000245	4.95	13.2	0.122	0.00276	50.1	0.0352	0.00359	0.0000432	0.00151	0.000667	0.556	0.00000206	0.000953	0.00129	0.00216	0
2111 Jul	0.0178	0.0000247	4.99	13.3	0.123	0.00278	50.5	0.0354	0.00361	0.0000435	0.00153	0.000672	0.561	0.00000208	0.000962	0.0013	0.00218	0
2111 Aug	0.0178	0.0000247	4.99	13.3	0.123	0.00278	50.6	0.0355	0.00361	0.0000434	0.00153	0.000673	0.561	0.00000208	0.000963	0.0013	0.00218	0
2111 Sep	0.0178	0.0000247	4.99	13.3	0.123	0.00278	50.6	0.0355	0.0036	0.0000434	0.00153	0.000674	0.562	0.00000208	0.000963	0.0013	0.00218	0
2111 Oct	0.0178	0.0000247	4.98	13.3	0.123	0.00278	50.4	0.0354	0.00359	0.0000432	0.00153	0.000672	0.56	0.00000207	0.000961	0.0013	0.00217	0
2111 Nov	0.0177	0.0000246	4.97	13.2	0.123	0.00277	50.3	0.0353	0.00358	0.0000431	0.00152	0.00067	0.559	0.00000206	0.000959	0.00129	0.00217	0
2111 Dec	0.0177	0.0000246	4.97	13.2	0.123	0.00277	50.3	0.0353	0.00358	0.0000431	0.00152	0.00067	0.559	0.00000206	0.000959	0.00129	0.00217	0
2112 Jan	0.0177	0.0000246	4.97	13.2	0.123	0.00277	50.3	0.0353	0.00358	0.0000431	0.00152	0.00067	0.559	0.00000206	0.000959	0.00129	0.00217	0
2112 Feb	0.0177	0.0000246	4.97	13.2	0.123	0.00277	50.3	0.0353	0.00358	0.0000431	0.00152	0.00067	0.559	0.00000206	0.000959	0.00129	0.00217	0
2112 Mar	0.0177	0.0000246	4.97	13.2	0.123	0.00277	50.3	0.0354	0.00358	0.0000431	0.00152	0.00067	0.559	0.00000206	0.000959	0.00129	0.00217	0
2112 Apr	0.0177	0.0000246	4.97	13.2	0.123	0.00277	50.4	0.0354	0.00358	0.0000432	0.00152	0.000671	0.56	0.00000206	0.00096	0.00129	0.00217	0
2112 May	0.0178	0.0000247	4.98	13.3	0.123	0.00278	50.4	0.0354	0.00358	0.0000432	0.00153	0.000672	0.56	0.00000206	0.000961	0.0013	0.00217	0
2112 Jun	0.0176	0.0000245	4.94	13.2	0.122	0.00276	50	0.0352	0.00354	0.0000427	0.00151	0.000667	0.556	0.00000204	0.000954	0.00129	0.00215	0
2112 Jul	0.0176	0.0000246	4.96	13.2	0.123	0.00277	50.2	0.0353	0.00355	0.0000428	0.00152	0.00067	0.558	0.00000205	0.000958	0.00129	0.00216	0
2112 Aug	0.0177	0.0000247	4.99	13.3	0.123	0.00278	50.5	0.0355	0.00356	0.000043	0.00153	0.000674	0.562	0.00000206	0.000964	0.0013	0.00217	0
2112 Sep	0.0177	0.0000248	4.99	13.3	0.124	0.00279	50.5	0.0356	0.00356	0.000043	0.00153	0.000674	0.562	0.00000206	0.000965	0.0013	0.00218	0
2112 Oct	0.0177	0.0000248	4.99	13.3	0.123	0.00279	50.5	0.0356	0.00356	0.000043	0.00153	0.000674	0.562	0.00000205	0.000964	0.0013	0.00217	0
2112 Nov	0.0177	0.0000248	4.99	13.3	0.124	0.00279	50.5	0.0356	0.00356	0.000043	0.00153	0.000674	0.562	0.00000205	0.000965	0.0013	0.00217	0
2112 Dec	0.0177	0.0000248	4.99	13.3	0.124	0.00279	50.5	0.0356	0.00356	0.000043	0.00153	0.000674	0.562	0.00000205	0.000965	0.0013	0.00217	0
2113 Jan	0.0177	0.0000248	4.99	13.3	0.124	0.00279	50.5	0.0356	0.00356	0.000043	0.00153	0.000674	0.562	0.00000205	0.000965	0.0013	0.00217	0
2113 Feb	0.0177	0.0000248	4.99	13.3	0.124	0.00279	50.5	0.0356	0.00356	0.000043	0.00153	0.000674	0.562	0.00000205	0.000965	0.0013	0.00217	0
2113 Mar	0.0177	0.0000248	4.99	13.3	0.124	0.00279	50.5	0.0356	0.00356	0.000043	0.00153	0.000675	0.563	0.00000206	0.000965	0.0013	0.00218	0
2113 Apr	0.0177	0.0000248	5	13.3	0.124	0.00279	50.6	0.0356	0.00356	0.0000431	0.00153	0.000675	0.563	0.00000206	0.000966	0.0013	0.00218	0
2113 May	0.0178	0.0000248	5.01	13.3	0.124	0.0028	50.7	0.0357	0.00357	0.0000431	0.00154	0.000676	0.564	0.00000206	0.000968	0.0013	0.00218	0
2113 Jun	0.0177	0.0000248	5	13.3	0.124	0.00279	50.6	0.0356	0.00355	0.000043	0.00153	0.000675	0.563	0.00000205	0.000966	0.0013	0.00218	0
2113 Jul	0.0178	0.000025	5.03	13.4	0.125	0.00281	50.9	0.0359	0.00357	0.0000432	0.00154	0.00068	0.567	0.00000206	0.000973	0.00131	0.00219	0
2113 Aug	0.0179	0.0000251	5.05	13.5	0.125	0.00282	51.1	0.036	0.00358	0.0000434	0.00155	0.000683	0.57	0.00000207	0.000978	0.00132	0.0022	0
2113 Sep	0.0179	0.0000251	5.05	13.5	0.125	0.00282	51.1	0.0361	0.00358	0.0000433	0.00155	0.000683	0.57	0.00000207	0.000978	0.00132	0.0022	0
2113 Oct	0.0177	0.000025	5.02	13.4	0.124	0.00281	50.8	0.0359	0.00355	0.000043	0.00154	0.000679	0.566	0.00000205	0.000972	0.00131	0.00218	0
2113 Nov	0.0177	0.0000249	5.02	13.4	0.124	0.00281	50.8	0.0358	0.00354	0.000043	0.00154	0.000679	0.566	0.00000205	0.000972	0.00131	0.00218	0
2113 Dec	0.0177	0.0000249	5.02	13.4	0.124	0.00281	50.8	0.0358	0.00354	0.000043	0.00154	0.000679	0.566	0.00000205	0.000972	0.00131	0.00218	0
2114 Jan	0.0177	0.0000249	5.02	13.4	0.124	0.00281	50.8	0.0358	0.00354	0.000043	0.00154	0.000679	0.566	0.00000205	0.000972	0.00131	0.00218	0
2114 Feb	0.0177	0.0000249	5.02	13.4	0.124	0.00281	50.8	0.0358	0.00354	0.000043	0.00154	0.000679	0.566	0.00000205	0.000972	0.00131	0.00218	0
2114 Mar	0.0177	0.0000249	5.02	13.4	0.124	0.00281	50.8	0.0358	0.00354	0.000043	0.00154	0.000679	0.566	0.00000205	0.000972	0.00131	0.00218	0
2114 Apr	0.0177	0.000025	5.02	13.4	0.125	0.00281	50.8	0.0359	0.00354	0.000043	0.00154	0.000679	0.567	0.00000205	0.000973	0.00131	0.00218	0
2114 May	0.0177	0.000025	5.02	13.4	0.125	0.00281	50.8	0.0359	0.00354	0.000043	0.00154	0.00068	0.567	0.00000205	0.000973	0.00131	0.00218	0
2114 Jun	0.0177	0.000025	5.04	13.4	0.125	0.00282	51	0.036	0.00354	0.000043	0.00155	0.000681	0.568	0.00000205	0.000976	0.00131	0.00219	0

Appendix D.2-19: WES04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.0179	0.0000253	5.08	13.6	0.126	0.00284	51.4	0.0363	0.00357	0.0000434	0.00156	0.000688	0.573	0.00000207	0.000984	0.00133	0.00221	0
2114 Aug	0.018	0.0000255	5.13	13.7	0.127	0.00287	51.8	0.0366	0.0036	0.0000437	0.00158	0.000693	0.578	0.00000209	0.000993	0.00134	0.00223	0
2114 Sep	0.018	0.0000255	5.12	13.7	0.127	0.00287	51.8	0.0366	0.00359	0.0000437	0.00158	0.000693	0.578	0.00000208	0.000993	0.00134	0.00223	0
2114 Oct	0.018	0.0000254	5.11	13.6	0.127	0.00286	51.7	0.0365	0.00358	0.0000435	0.00157	0.000692	0.577	0.00000207	0.00099	0.00133	0.00222	0
2114 Nov	0.0179	0.0000253	5.1	13.6	0.126	0.00285	51.5	0.0364	0.00357	0.0000434	0.00157	0.00069	0.575	0.00000207	0.000988	0.00133	0.00221	0
2114 Dec	0.0179	0.0000253	5.1	13.6	0.126	0.00285	51.5	0.0364	0.00357	0.0000434	0.00157	0.00069	0.575	0.00000207	0.000988	0.00133	0.00221	0
2115 Jan	0.0179	0.0000254	5.1	13.6	0.126	0.00285	51.5	0.0364	0.00357	0.0000434	0.00157	0.00069	0.575	0.00000207	0.000988	0.00133	0.00221	0
2115 Feb	0.0179	0.0000254	5.1	13.6	0.126	0.00285	51.5	0.0364	0.00357	0.0000434	0.00157	0.00069	0.575	0.00000207	0.000988	0.00133	0.00221	0
2115 Mar	0.0179	0.0000254	5.1	13.6	0.126	0.00285	51.5	0.0364	0.00357	0.0000434	0.00157	0.00069	0.575	0.00000207	0.000988	0.00133	0.00221	0
2115 Apr	0.0179	0.0000254	5.1	13.6	0.127	0.00286	51.6	0.0365	0.00357	0.0000434	0.00157	0.000691	0.576	0.00000207	0.000989	0.00133	0.00222	0
2115 May	0.0179	0.0000254	5.1	13.6	0.127	0.00286	51.6	0.0365	0.00357	0.0000434	0.00157	0.000691	0.576	0.00000207	0.000989	0.00133	0.00222	0
2115 Jun	0.018	0.0000255	5.13	13.7	0.127	0.00287	51.8	0.0366	0.00358	0.0000435	0.00158	0.000694	0.579	0.00000208	0.000994	0.00134	0.00222	0
2115 Jul	0.0181	0.0000257	5.17	13.8	0.128	0.00289	52.2	0.0369	0.0036	0.0000438	0.00159	0.000699	0.583	0.00000209	0.001	0.00135	0.00224	0
2115 Aug	0.0181	0.0000257	5.16	13.8	0.128	0.00289	52.2	0.0369	0.00359	0.0000437	0.00159	0.000699	0.583	0.00000209	0.001	0.00135	0.00224	0
2115 Sep	0.0181	0.0000257	5.17	13.8	0.128	0.0029	52.3	0.037	0.00359	0.0000438	0.00159	0.0007	0.584	0.00000209	0.001	0.00135	0.00224	0
2115 Oct	0.0181	0.0000257	5.17	13.8	0.128	0.0029	52.3	0.037	0.00359	0.0000437	0.00159	0.0007	0.584	0.00000209	0.001	0.00135	0.00224	0
2115 Nov	0.0181	0.0000257	5.16	13.8	0.128	0.00289	52.2	0.0369	0.00358	0.0000437	0.00159	0.000699	0.583	0.00000208	0.001	0.00135	0.00224	0
2115 Dec	0.0181	0.0000257	5.16	13.8	0.128	0.00289	52.2	0.0369	0.00358	0.0000437	0.00159	0.0007	0.583	0.00000208	0.001	0.00135	0.00224	0
2116 Jan	0.0181	0.0000257	5.16	13.8	0.128	0.00289	52.2	0.0369	0.00358	0.0000437	0.00159	0.0007	0.583	0.00000208	0.001	0.00135	0.00224	0
2116 Feb	0.0181	0.0000257	5.16	13.8	0.128	0.00289	52.2	0.0369	0.00358	0.0000437	0.00159	0.0007	0.583	0.00000208	0.001	0.00135	0.00224	0
2116 Mar	0.0181	0.0000257	5.16	13.8	0.128	0.00289	52.2	0.037	0.00358	0.0000437	0.00159	0.0007	0.584	0.00000208	0.001	0.00135	0.00224	0
2116 Apr	0.0181	0.0000257	5.17	13.8	0.128	0.0029	52.2	0.037	0.00359	0.0000437	0.00159	0.0007	0.584	0.00000208	0.001	0.00135	0.00224	0
2116 May	0.0181	0.0000258	5.18	13.8	0.129	0.0029	52.3	0.037	0.00359	0.0000438	0.00159	0.000701	0.585	0.00000209	0.001	0.00135	0.00224	0
2116 Jun	0.0179	0.0000256	5.14	13.7	0.128	0.00288	51.9	0.0368	0.00355	0.0000433	0.00158	0.000697	0.581	0.00000207	0.000998	0.00134	0.00223	0
2116 Jul	0.0181	0.0000258	5.18	13.8	0.129	0.00291	52.4	0.0371	0.00357	0.0000437	0.0016	0.000702	0.586	0.00000208	0.00101	0.00135	0.00224	0
2116 Aug	0.0182	0.000026	5.22	13.9	0.13	0.00293	52.7	0.0373	0.0036	0.0000439	0.00161	0.000707	0.59	0.00000209	0.00101	0.00136	0.00226	0
2116 Sep	0.0181	0.0000259	5.2	13.9	0.129	0.00292	52.6	0.0373	0.00358	0.0000438	0.00161	0.000706	0.589	0.00000208	0.00101	0.00136	0.00225	0
2116 Oct	0.018	0.0000259	5.19	13.9	0.129	0.00291	52.4	0.0372	0.00356	0.0000436	0.0016	0.000703	0.587	0.00000208	0.00101	0.00136	0.00224	0
2116 Nov	0.018	0.0000259	5.19	13.9	0.129	0.00291	52.4	0.0372	0.00356	0.0000436	0.0016	0.000703	0.587	0.00000208	0.00101	0.00136	0.00224	0
2116 Dec	0.018	0.0000259	5.19	13.9	0.129	0.00291	52.4	0.0372	0.00356	0.0000436	0.0016	0.000703	0.587	0.00000208	0.00101	0.00136	0.00224	0
2117 Jan	0.0181	0.0000259	5.19	13.9	0.129	0.00291	52.4	0.0372	0.00356	0.0000436	0.0016	0.000704	0.587	0.00000208	0.00101	0.00136	0.00225	0
2117 Feb	0.0181	0.0000259	5.19	13.9	0.129	0.00291	52.4	0.0372	0.00356	0.0000436	0.0016	0.000704	0.587	0.00000208	0.00101	0.00136	0.00225	0
2117 Mar	0.0181	0.0000259	5.19	13.9	0.129	0.00291	52.4	0.0372	0.00356	0.0000436	0.0016	0.000704	0.587	0.00000208	0.00101	0.00136	0.00225	0
2117 Apr	0.0181	0.0000259	5.19	13.9	0.129	0.00291	52.5	0.0372	0.00357	0.0000436	0.0016	0.000704	0.587	0.00000208	0.00101	0.00136	0.00225	0
2117 May	0.0181	0.0000259	5.2	13.9	0.129	0.00292	52.6	0.0373	0.00357	0.0000437	0.00161	0.000706	0.589	0.00000208	0.00101	0.00136	0.00225	0
2117 Jun	0.0181	0.000026	5.21	13.9	0.13	0.00293	52.7	0.0374	0.00357	0.0000437	0.00161	0.000707	0.59	0.00000208	0.00101	0.00136	0.00225	0
2117 Jul	0.0183	0.0000262	5.25	14.1	0.131	0.00295	53.1	0.0377	0.0036	0.000044	0.00162	0.000713	0.595	0.0000021	0.00102	0.00138	0.00227	0
2117 Aug	0.0183	0.0000263	5.28	14.1	0.131	0.00296	53.3	0.0379	0.00361	0.0000442	0.00163	0.000716	0.597	0.00000211	0.00103	0.00138	0.00228	0
2117 Sep	0.0184	0.0000264	5.29	14.2	0.132	0.00297	53.5	0.038	0.00362	0.0000443	0.00163	0.000718	0.599	0.00000211	0.00103	0.00139	0.00229	0
2117 Oct	0.0183	0.0000264	5.29	14.1	0.132	0.00297	53.4	0.0379	0.00361	0.0000442	0.00163	0.000717	0.598	0.00000211	0.00103	0.00138	0.00229	0
2117 Nov	0.0183	0.0000264	5.29	14.1	0.132	0.00297	53.4	0.0379	0.00361	0.0000442	0.00163	0.000717	0.598	0.0000021	0.00103	0.00138	0.00228	0
2117 Dec	0.0183	0.0000264	5.28	14.1	0.132	0.00297	53.4	0.0379	0.00361	0.0000442	0.00163	0.000717	0.598	0.0000021	0.00103	0.00138	0.00228	0
2118 Jan	0.0183	0.0000264	5.28	14.1	0.132	0.00297	53.4	0.0379	0.00361	0.0000442	0.00163	0.000717	0.598	0.0000021	0.00103	0.00138	0.00228	0
2118 Feb	0.0183	0.0000264	5.28	14.1	0.132	0.00297	53.4	0.0379	0.00361	0.0000442	0.00163	0.000717	0.598	0.0000021	0.00103	0.00138	0.00228	0
2118 Mar	0.0183	0.0000264	5.29	14.1	0.132	0.00297	53.4	0.0379	0.00361	0.0000442	0.00163	0.000717	0.598	0.0000021	0.00103	0.00138	0.00228	0
2118 Apr	0.0183	0.0000264	5.29	14.1	0.132	0.00297	53.4	0.0379	0.00361	0.0000442	0.00163	0.000718	0.599	0.00000211	0.00103	0.00138	0.00229	0
2118 May	0.0183	0.0000264	5.28	14.1	0.132	0.00297	53.4	0.0379	0.0036	0.0000442	0.00163	0.000717	0.598	0.0000021	0.00103	0.00138	0.00228	0
2118 Jun	0.0182	0.0000262	5.25	14.1	0.131	0.00295	53.1	0.0377	0.00357	0.0000438	0.00162	0.000713	0.595	0.00000208	0.00102	0.00138	0.00227	0
2118 Jul	0.0183	0.0000265	5.3	14.2	0.132	0.00298	53.5	0.0381	0.0036	0.0000442	0.00164	0.00072	0.6	0.0000021	0.00103	0.00139	0.00229	0
2118 Aug	0.0183	0.0000265	5.31	14.2	0.132	0.00298	53.6	0.0381	0.00359	0.0000441	0.00164	0.000721	0.601	0.0000021	0.00103	0.00139	0.00229	0
2118 Sep	0.0182	0.0000264	5.28	14.1	0.132	0.00297	53.3	0.0379	0.00357	0.0000439	0.00163	0.000717	0.599	0.00000209	0.00103	0.00138	0.00228	0
2118 Oct	0.0181	0.0000263	5.27	14.1	0.131	0.00296	53.1	0.0378	0.00355	0.0000437	0.00163	0.000715	0.597	0.00000208	0.00103	0.00138	0.00227	0
2118 Nov	0.0181	0.0000263	5.26	14.1	0.131	0.00296	53.1	0.0378	0.00355	0.0000436	0.00163	0.000715	0.596	0.00000208	0.00103	0.00138	0.00227	0
2118 Dec	0.0181	0.0000263	5.26	14.1	0.131	0.00296	53.1	0.0378	0.00355	0.0000436	0.00163	0.000715	0.596	0.00000208	0.00103	0.00138	0.00227	0
2119 Jan	0.0181	0.0000263	5.26	14.1	0.131	0.00296	53.1	0.0378	0.00355	0.0000436	0.00163	0.000715	0.596	0.00000208	0.00103	0.00138	0.00227	0
2119 Feb	0.0181	0.0000263	5.26	14.1	0.131	0.00296	53.1	0.0378	0.00355	0.0000436	0.00163	0.000715	0.596	0.00000208	0.00103	0.00138	0.00227	0
2119 Mar	0.0181	0.0000263	5.26	14.1	0.131	0.00296	53.1	0.0378	0.00355	0.0000436	0.00163	0.000715	0.597	0.00000208	0.00103	0.00138	0.00227	0
2119 Apr	0.0182	0.0000263	5.27	14.1	0.131	0.00297	53.2	0.0379	0.00355	0.0000437	0.00163	0.000716	0.597	0.00000208	0.00103	0.00138	0.00227	0
2119 May	0.0181	0.0000263	5.26	14.1	0.131	0.00296	53	0.0378	0.00354	0.0000435	0.00163	0.000714	0.596	0.00000207	0.00102	0.00138	0.00227	0
2119 Jun	0.0181	0.0000263	5.25	14.1	0.131	0.00296	53	0.0378	0.00353	0.0000434	0.00163	0.000714	0.596	0.00000207	0.00102	0.00138	0.00226	0
2119 Jul	0.0182	0.0000265	5.3	14.2	0.132	0.00298	53.5	0.0381	0.00356	0.0000438	0.00164	0.00072	0.601	0.00000208	0.00103	0.00139	0.00228	0
2119 Aug	0.0183	0.0000266	5.32	14.3	0.133	0.003	53.7	0.0383	0.00357	0.0000439	0.00165	0.000724	0.604	0.00000209	0.00104	0.0014	0.00229	0
2119 Sep	0.0182	0.0000266	5.31	14.2	0.133	0.00299	53.6	0.0382	0.00355	0.0000438	0.00165	0.000723	0.603	0.00000208	0.00104	0.00139	0.00229	0
2119 Oct	0.0182	0.0000265	5.3	14.2	0.132	0.00299	53.5	0.0381	0.00354	0.0000437	0.00164	0.000721	0.602	0.00000208	0.00103	0.00139	0.00228	0
2119 Nov	0.0182	0.0000265	5.3	14.2	0.132	0.00298	53.4	0.0381	0.00354	0.0000436	0.00164	0.00072	0.601	0.00000207	0.00103	0.00139	0.00228	0
2119 Dec	0.0182	0.0000265	5.3	14.2	0.132	0.00298	53.4	0.0381	0.00354	0.0000436	0.00164	0.00072	0.601	0.00000207	0.00103	0.00139	0.00228	0

Appendix D.2-20: PUM01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	800	0.413	1.5	0.0274	244	0.0586	148	0.000411	0.000411	0.00000385	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152
Operation (2026-2036): Mean	3780	1.6	6.57	0.0998	1530	0.188	620	0.000875	0.000875	0.00000903	0.0123	0.00796	0.311	0.0352	0.0000938	130	0.0000754	0.00166	0.00062	0.00435
Operation (2026-2036): Max	9240	3.64	16.1	0.232	4270	0.391	1390	0.00163	0.00163	0.000028	0.0189	0.0348	0.647	0.118	0.000481	293	0.000146	0.00322	0.00109	0.00886
Active Closure (2037-2043): Min	468	0.148	0.565	0.00905	155	0.0482	98.3	0.00063	0.00063	0.00000488	0.00402	0.001	0.046	0.0107	0.00000575	27.2	0.0000166	0.000308	0.000177	0.00134
Active Closure (2037-2043): Mean	777	0.262	1.06	0.0165	276	0.0622	151	0.000947	0.000947	0.00000499	0.00554	0.00152	0.0709	0.0143	0.00000698	39.7	0.000025	0.000462	0.000252	0.00166
Active Closure (2037-2043): Max	4630	1.68	7.09	0.106	1760	0.249	870	0.000975	0.000975	0.00000504	0.0125	0.00695	0.402	0.0229	0.0000207	179	0.0000987	0.00202	0.000703	0.00581
Post Closure (2044-2119): Min	190	0.0481	0.0332	0.00151	16.8	0.0437	77.9	0.000945	0.000945	0.00000479	0.006	0.00117	0.0405	0.0142	0.00000499	28.5	0.0000228	0.000365	0.000212	0.00122
Post Closure (2044-2119): Mean	245	0.0662	0.103	0.0025	35.3	0.0479	93.3	0.000964	0.000964	0.00000491	0.007	0.00147	0.0478	0.0227	0.00000519	36.3	0.0000253	0.000447	0.000352	0.00143
Post Closure (2044-2119): Max	477	0.151	0.57	0.00913	157	0.0523	109	0.000983	0.000983	0.00000503	0.00734	0.00165	0.0549	0.0277	0.00000579	41.5	0.0000278	0.000503	0.000433	0.00157
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	3430	2.1	8.05	0.125	1460	0.181	510	0.000751	0.000751	0.00000557	0.00937	0.0125	0.255	0.0196	0.00000669	110	0.00006	0.00138	0.000418	0.00369
2026 Feb	3420	2.1	8.02	0.124	1460	0.181	508	0.000752	0.000752	0.00000557	0.00936	0.0125	0.254	0.0198	0.00000668	110	0.0000599	0.00138	0.000421	0.00369
2026 Mar	3410	2.09	8.01	0.124	1460	0.181	508	0.000753	0.000753	0.00000557	0.00936	0.0139	0.254	0.0199	0.00000668	110	0.0000598	0.00138	0.000423	0.00369
2026 Apr	3410	2.09	8.01	0.124	1460	0.181	507	0.000754	0.000754	0.00000557	0.00936	0.0207	0.254	0.02	0.00000668	110	0.0000599	0.00138	0.000424	0.00369
2026 May	3460	2.11	8.09	0.125	1480	0.183	514	0.000755	0.000755	0.00000559	0.00943	0.022	0.257	0.0201	0.00000672	112	0.0000606	0.00139	0.00043	0.00373
2026 Jun	2520	1.29	5.16	0.0787	1080	0.125	375	0.000814	0.000814	0.00000503	0.00896	0.0093	0.181	0.0152	0.0000059	83.3	0.0000528	0.00103	0.000339	0.00277
2026 Jul	2360	1.15	4.67	0.0709	1010	0.115	350	0.000831	0.000831	0.00000498	0.00892	0.00725	0.168	0.0144	0.0000058	78.1	0.0000515	0.000961	0.000321	0.0026
2026 Aug	2740	1.31	5.35	0.0809	1170	0.13	407	0.000813	0.000813	0.00000499	0.0092	0.00742	0.193	0.0147	0.00000595	89.2	0.0000565	0.00108	0.000355	0.00293
2026 Sep	3100	1.45	6	0.0902	1340	0.144	461	0.000796	0.000796	0.00000498	0.0095	0.00777	0.217	0.0149	0.00000608	100	0.0000613	0.0012	0.000389	0.00323
2026 Oct	3660	1.66	6.96	0.103	1610	0.166	542	0.000767	0.000767	0.00000491	0.01	0.00785	0.255	0.0152	0.00000622	118	0.0000686	0.00139	0.000441	0.0037
2026 Nov	3650	1.65	6.93	0.103	1610	0.165	540	0.000768	0.000768	0.00000491	0.01	0.00782	0.254	0.0152	0.00000622	117	0.0000684	0.00138	0.00044	0.00369
2026 Dec	3640	1.65	6.92	0.103	1600	0.165	539	0.000769	0.000769	0.00000492	0.01	0.00782	0.254	0.0152	0.00000621	117	0.0000683	0.00138	0.00044	0.00369
2027 Jan	3640	1.65	6.92	0.103	1600	0.165	539	0.000769	0.000769	0.00000492	0.01	0.00781	0.253	0.0152	0.00000621	117	0.0000683	0.00138	0.00044	0.00369
2027 Feb	3640	1.65	6.92	0.103	1600	0.165	539	0.000769	0.000769	0.00000492	0.01	0.00781	0.253	0.0153	0.00000621	117	0.0000683	0.00138	0.00044	0.00369
2027 Mar	3640	1.65	6.92	0.103	1600	0.165	539	0.000769	0.000769	0.00000492	0.01	0.00781	0.253	0.0153	0.00000621	117	0.0000683	0.00138	0.00044	0.00369
2027 Apr	3640	1.65	6.92	0.103	1600	0.165	539	0.00077	0.00077	0.00000492	0.01	0.00782	0.253	0.0153	0.00000622	117	0.0000683	0.00138	0.000441	0.00369
2027 May	3660	1.66	6.96	0.103	1610	0.166	542	0.000771	0.000771	0.00000493	0.01	0.00826	0.255	0.0153	0.00000624	118	0.0000686	0.00139	0.000443	0.00371
2027 Jun	3380	1.51	6.36	0.0943	1490	0.155	507	0.000787	0.000787	0.00000491	0.00991	0.0078	0.239	0.0148	0.00000613	111	0.000066	0.00131	0.000421	0.0035
2027 Jul	2960	1.33	5.57	0.0829	1290	0.139	445	0.000815	0.000815	0.00000495	0.00962	0.00681	0.21	0.0144	0.00000602	98.2	0.0000608	0.00117	0.00038	0.00314
2027 Aug	2930	1.32	5.52	0.0823	1270	0.138	443	0.000821	0.000821	0.00000498	0.00965	0.00672	0.21	0.0144	0.00000605	97.8	0.0000609	0.00117	0.000379	0.00313
2027 Sep	3730	1.62	6.86	0.101	1630	0.173	577	0.000772	0.000772	0.0000049	0.0104	0.00713	0.27	0.015	0.0000063	126	0.0000726	0.00146	0.000464	0.00389
2027 Oct	4050	1.76	7.41	0.109	1750	0.188	632	0.000748	0.000748	0.00000488	0.0107	0.00741	0.294	0.0155	0.00000642	136	0.0000773	0.00158	0.000498	0.00422
2027 Nov	4010	1.75	7.36	0.109	1720	0.187	627	0.000748	0.000748	0.0000049	0.0107	0.00739	0.291	0.0156	0.00000642	135	0.0000767	0.00156	0.000494	0.00419
2027 Dec	3990	1.75	7.33	0.109	1720	0.186	625	0.000749	0.000749	0.0000049	0.0107	0.00737	0.29	0.0156	0.00000641	134	0.0000764	0.00156	0.000493	0.00418
2028 Jan	3980	1.74	7.31	0.108	1710	0.186	623	0.00075	0.00075	0.0000049	0.0107	0.00735	0.289	0.0157	0.00000641	134	0.0000763	0.00155	0.000493	0.00417
2028 Feb	3980	1.74	7.3	0.108	1710	0.186	622	0.00075	0.00075	0.0000049	0.0107	0.00735	0.289	0.0158	0.00000641	134	0.0000762	0.00155	0.000494	0.00417
2028 Mar	3980	1.74	7.3	0.108	1710	0.186	622	0.00075	0.00075	0.0000049	0.0107	0.00734	0.289	0.0158	0.00000641	134	0.0000762	0.00155	0.000494	0.00417
2028 Apr	3980	1.74	7.3	0.108	1710	0.186	622	0.000751	0.000751	0.0000049	0.0107	0.00734	0.289	0.0159	0.00000641	134	0.0000762	0.00155	0.000495	0.00417
2028 May	3990	1.75	7.32	0.108	1710	0.186	624	0.000753	0.000753	0.00000492	0.0107	0.00809	0.289	0.0159	0.00000643	134	0.0000764	0.00156	0.000497	0.00418
2028 Jun	2740	1.19	4.94	0.0739	1140	0.135	439	0.00082	0.00082	0.00000493	0.0097	0.00689	0.205	0.0142	0.00000599	96	0.0000607	0.00114	0.000375	0.00309
2028 Jul	1760	0.785	3.18	0.0489	682	0.0943	290	0.00088	0.00088	0.00000502	0.00887	0.0044	0.136	0.0132	0.0000057	64.2	0.0000477	0.0008	0.000276	0.00222
2028 Aug	2220	0.999	4.02	0.0622	836	0.116	373	0.000906	0.000906	0.00000537	0.00969	0.00735	0.172	0.0145	0.00000623	79.4	0.0000562	0.000974	0.000331	0.00272
2028 Sep	5190	2.29	9.24	0.142	1920	0.254	911	0.000636	0.000636	0.00000514	0.0121	0.0132	0.403	0.0178	0.00000728	180	0.000102	0.00206	0.000653	0.00573
2028 Oct	4400	1.8	7.47	0.109	1820	0.234	781	0.000693	0.000693	0.00000467	0.0122	0.00546	0.358	0.0182	0.0000066	170	0.0000874	0.00188	0.000602	0.00522
2028 Nov	4090	1.69	6.95	0.102	1680	0.221	725	0.000715	0.000715	0.00000471	0.0119	0.00521	0.332	0.0182	0.0000065	158	0.0000822	0.00176	0.000567	0.00491
2028 Dec	4050	1.67	6.87	0.101	1660	0.219	717	0.000719	0.000719	0.00000472	0.0119	0.00516	0.329	0.0182	0.00000648	156	0.0000815	0.00174	0.000562	0.00487
2029 Jan	4030	1.66	6.84	0.1	1650	0.218	713	0.00072	0.00072	0.00000472	0.0118	0.00514	0.327	0.0183	0.00000647	156	0.0000811	0.00173	0.000562	0.00485
2029 Feb	4020	1.66	6.82	0.1	1650	0.217	712	0.000721	0.000721	0.00000472	0.0118	0.00514	0.326	0.0184	0.00000647	156	0.000081	0.00173	0.000564	0.00484
2029 Mar	4010	1.66	6.81	0.1	1640	0.217	710	0.000721	0.000721	0.00000472	0.0118	0.00513	0.326	0.0185	0.00000647	155	0.0000809	0.00173	0.000565	0.00484
2029 Apr	4010	1.65	6.8	0.0999	1640	0.217	710	0.000722	0.000722	0.00000472	0.0118	0.00513	0.325	0.0186	0.00000647	155	0.0000808	0.00173	0.000566	0.00483
2029 May	4040	1.67	6.85	0.101	1660	0.219	717	0.000722	0.000722	0.00000473	0.0119	0.00552	0.329	0.0187	0.00000649	157	0.0000815	0.00174	0.000572	0.00488
2029 Jun	3520	1.34	5.77	0.083	1500	0.196	652	0.000747	0.000747	0.00000456	0.0113	0.00741	0.305	0.0156	0.00000622	146	0.0000787	0.00164	0.000528	0.00442
2029 Jul	800	0.413	1.5	0.0274	244	0.0586	148	0.000889	0.000889	0.00000492	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152
2029 Aug	951	0.467	1.74	0.0309	312	0.0681	178	0.000887	0.000887	0.00000494	0.00806	0.00288	0.0893	0.0125	0.0000054	37.6	0.0000375	0.000513	0.000219	0.00172
2029 Sep	3280	1.4	5.62	0.0919	1240	0.194	642	0.000676	0.000676	0.00000465	0.0109	0.00821	0.303	0.0155	0.00000637	126	0.0000799	0.00147	0.000541	0.00462
2029 Oct	4650	2.14	8.23	0.132	1550	0.251	883	0.000572	0.000572	0.00000499	0.0119	0.0127	0.39	0.0188	0.00000709	166	0.0000977	0.00191	0.000648	0.00575
2029 Nov	2410	1.3	4.49	0.0755	649	0.143	443	0.000758	0.000758	0.00000523	0.00978	0.00673	0.19	0.0187	0.00000617	81.7	0.0000551	0.000978	0.000367	0.00326
2029 Dec	2310	1.24	4.29	0.072	622	0.139	424	0.00077	0.00077	0.00000522	0.00973	0.00646	0.182	0.0186	0.00000612	79	0.0000533	0.000945	0.000357	0.00316
2030 Jan	2270	1.22	4.22	0.0709	613	0.138	417	0.000773	0.000773	0.00000521	0.0097	0.00639	0.179	0.0189	0.0000061	78.2	0.0000528	0.000936	0.000359	0.00313
2030 Feb	2260	1.22	4.19	0.0704	609	0.137	414	0.000775	0.000775	0.00000521	0.00967	0.00636	0.178	0.0193	0.00000609	78.1	0.0000525	0.000934	0.000366	0.00312
2030 Mar	2250	1.21	4.17	0.07	606	0.136	412	0.000776	0.000776	0.00000521	0.00965	0.00634	0.177	0.0196	0.00000609	78	0.0000524	0.000933	0.00037	0.00312
2030 Apr	2240	1.21	4.16	0.0698	604	0.136	411	0.000778	0.000778	0.00000522	0.00965	0.00634	0.177	0.0198	0.00000609	78	0.0000523	0.000933	0.000374	0.00312
2030 May	2260	1.22	4.18	0.0703	609	0.137	414	0.000785	0.000785	0.00000526	0.00972	0.0165	0.178	0.0201	0.00000614	78.7	0.0000527	0.000942	0.000379	0.00314
2030 Jun	1600	0.702	2.72	0.045	565	0.102	308	0.000836	0.000836	0.00000485	0.00909	0.00552	0.147	0.0137	0.00000564	64.3	0.0000496	0.000797	0.000309	0.00249
2030 Jul	1270	0.591	2.23	0.0387	403	0.0841	247	0.000854	0.000854	0.00000492	0.00857	0.00347	0.119	0.0128	0.00000555	49.3	0.0000447	0.000647	0.000263	0.00211

2030 Aug	2320	1.02	3.99	0.0658	792	0.144	469	0.00081	0.00081	0.00000509	0.00999	0.00662	0.219	0.0146	0.00000629	92.4	0.0000651	0.00112	0.000411	0.00344
2030 Sep	4850	2.05	8.17	0.131	1690	0.282	997	0.000569	0.000569	0.00000488	0.0126	0.0176	0.455	0.0175	0.00000743	191	0.000112	0.00219	0.000751	0.00656
2030 Oct	5270	2.32	9.04	0.148	1750	0.302	1080	0.000475	0.000475	0.00000479	0.0128	0.0148	0.485	0.0186	0.00000751	199	0.000118	0.00229	0.000796	0.00703
2030 Nov	4170	1.94	7.3	0.12	1300	0.242	838	0.00058	0.00058	0.000005	0.0117	0.0117	0.373	0.0187	0.00000703	154	0.0000941	0.00179	0.000634	0.00561
2030 Dec	4010	1.86	7	0.115	1250	0.234	804	0.000598	0.000598	0.000005	0.0115	0.0113	0.358	0.0187	0.00000695	148	0.0000909	0.00172	0.000613	0.00542
2031 Jan	3950	1.84	6.89	0.114	1230	0.231	792	0.000604	0.000604	0.000005	0.0115	0.0111	0.353	0.019	0.00000692	147	0.0000898	0.0017	0.000612	0.00536
2031 Feb	3920	1.82	6.84	0.113	1220	0.229	785	0.000607	0.000607	0.000005	0.0114	0.0111	0.35	0.0194	0.00000691	146	0.0000892	0.00169	0.000616	0.00533
2031 Mar	3900	1.81	6.8	0.112	1220	0.228	781	0.000609	0.000609	0.000005	0.0114	0.011	0.348	0.0197	0.0000069	146	0.0000889	0.00169	0.00062	0.00531
2031 Apr	3900	1.81	6.8	0.112	1220	0.228	781	0.000613	0.000613	0.00000502	0.0114	0.0168	0.348	0.02	0.00000692	146	0.0000889	0.00169	0.000624	0.00532
2031 May	3850	1.8	6.74	0.111	1210	0.222	759	0.000637	0.000637	0.0000051	0.0113	0.0348	0.337	0.0219	0.00000693	143	0.0000872	0.00167	0.000646	0.00521
2031 Jun	1960	0.862	3.31	0.0536	714	0.116	367	0.000814	0.000814	0.00000483	0.00893	0.00807	0.172	0.0301	0.00000578	87.6	0.0000545	0.00105	0.00064	0.00316
2031 Jul	2620	1.12	4.47	0.071	997	0.145	473	0.000799	0.000799	0.00000493	0.00976	0.00782	0.221	0.028	0.00000616	106	0.000065	0.00125	0.000661	0.00376
2031 Aug	7510	3.07	13.1	0.197	3220	0.335	1200	0.000446	0.000446	0.00000424	0.0133	0.0114	0.552	0.0198	0.00000737	241	0.000128	0.0027	0.000936	0.00777
2031 Sep	9240	3.64	16.1	0.232	4270	0.391	1390	0.000411	0.000411	0.00000385	0.0152	0.00825	0.647	0.0182	0.00000752	293	0.000146	0.00322	0.00103	0.00886
2031 Oct	7200	2.86	12.5	0.179	3330	0.31	1070	0.000573	0.000573	0.00000422	0.0138	0.00597	0.495	0.0181	0.00000698	232	0.000115	0.00254	0.000802	0.00693
2031 Nov	6760	2.7	11.8	0.168	3120	0.293	1000	0.000599	0.000599	0.00000429	0.0135	0.00572	0.466	0.0181	0.00000687	218	0.000109	0.0024	0.00076	0.00657
2031 Dec	6700	2.68	11.7	0.167	3090	0.291	992	0.000603	0.000603	0.00000429	0.0134	0.00568	0.461	0.0181	0.00000685	216	0.000108	0.00238	0.000755	0.00651
2032 Jan	6680	2.67	11.6	0.166	3080	0.29	988	0.000604	0.000604	0.00000429	0.0134	0.00567	0.46	0.0182	0.00000684	216	0.000108	0.00237	0.000754	0.0065
2032 Feb	6660	2.66	11.6	0.166	3070	0.29	986	0.000605	0.000605	0.0000043	0.0134	0.00566	0.459	0.0183	0.00000684	215	0.000107	0.00237	0.000755	0.00649
2032 Mar	6660	2.66	11.6	0.166	3070	0.289	985	0.000606	0.000606	0.0000043	0.0134	0.00566	0.458	0.0184	0.00000684	215	0.000107	0.00236	0.000755	0.00648
2032 Apr	6660	2.66	11.6	0.166	3070	0.289	985	0.000606	0.000606	0.0000043	0.0134	0.00566	0.458	0.0184	0.00000684	215	0.000107	0.00236	0.000756	0.00648
2032 May	6690	2.67	11.7	0.166	3080	0.291	989	0.000608	0.000608	0.00000432	0.0134	0.00942	0.46	0.0185	0.00000687	216	0.000108	0.00237	0.00076	0.00651
2032 Jun	4020	1.58	6.84	0.1	1810	0.182	594	0.00121	0.00121	0.0000173	0.0156	0.00774	0.355	0.0664	0.000266	128	0.0000751	0.00197	0.000751	0.00419
2032 Jul	2830	1.1	4.61	0.0726	1150	0.132	425	0.00119	0.00119	0.0000161	0.0138	0.00561	0.266	0.0596	0.00024	85.1	0.0000605	0.00147	0.00061	0.00319
2032 Aug	3090	1.2	5.06	0.0788	1270	0.142	463	0.00117	0.00117	0.0000159	0.0139	0.00568	0.282	0.0591	0.000237	93.3	0.0000635	0.00155	0.000631	0.00342
2032 Sep	3320	1.28	5.43	0.0842	1380	0.151	496	0.00123	0.00123	0.0000177	0.0148	0.00621	0.308	0.0668	0.000274	99.9	0.0000664	0.00169	0.00069	0.00362
2032 Oct	3400	1.31	5.53	0.0865	1400	0.156	509	0.00134	0.00134	0.0000209	0.0161	0.00693	0.332	0.0798	0.000339	101	0.0000677	0.00183	0.000761	0.00372
2032 Nov	3360	1.31	5.48	0.0857	1370	0.154	503	0.00132	0.00132	0.0000203	0.0158	0.00681	0.325	0.0772	0.000325	99.9	0.0000669	0.00179	0.000743	0.00368
2032 Dec	3240	1.27	5.3	0.0828	1320	0.151	485	0.00129	0.00129	0.0000193	0.0154	0.00657	0.311	0.0734	0.000305	96.8	0.0000648	0.00172	0.000712	0.00358
2033 Jan	3210	1.26	5.26	0.0822	1310	0.15	481	0.00129	0.00129	0.0000192	0.0153	0.00653	0.308	0.0731	0.000303	96.3	0.0000644	0.00171	0.00071	0.00357
2033 Feb	3200	1.26	5.24	0.0819	1300	0.149	479	0.00129	0.00129	0.0000191	0.0153	0.00652	0.307	0.0731	0.000302	96.2	0.0000643	0.0017	0.000711	0.00356
2033 Mar	3200	1.26	5.23	0.0818	1300	0.149	479	0.00129	0.00129	0.0000191	0.0153	0.00652	0.307	0.0731	0.000301	96.1	0.0000642	0.0017	0.000713	0.00356
2033 Apr	3200	1.26	5.23	0.0818	1300	0.149	479	0.00129	0.00129	0.0000191	0.0153	0.00652	0.307	0.0733	0.000301	96.2	0.0000642	0.0017	0.000714	0.00356
2033 May	2760	1.1	4.53	0.0708	1110	0.131	413	0.00122	0.00122	0.0000164	0.0138	0.00803	0.26	0.067	0.000244	88.3	0.0000582	0.00151	0.000711	0.00325
2033 Jun	2680	1.08	4.42	0.069	1070	0.127	402	0.00133	0.00133	0.0000193	0.0146	0.0076	0.273	0.0838	0.000303	89.8	0.0000579	0.00165	0.00086	0.00329
2033 Jul	3050	1.17	4.86	0.0763	1240	0.142	455	0.00161	0.00161	0.0000275	0.0181	0.00804	0.346	0.116	0.000473	98	0.0000636	0.00207	0.00104	0.00364
2033 Aug	3190	1.22	5.11	0.0797	1310	0.147	475	0.00163	0.00163	0.000028	0.0184	0.0082	0.358	0.118	0.000481	102	0.0000656	0.00213	0.00106	0.00376
2033 Sep	4610	1.77	7.5	0.115	1920	0.204	690	0.00144	0.00144	0.0000254	0.0189	0.00857	0.441	0.106	0.000435	142	0.0000843	0.00245	0.00109	0.00497
2033 Oct	4490	1.82	7.57	0.114	1860	0.205	675	0.00107	0.00107	0.0000153	0.0153	0.00679	0.371	0.0621	0.000225	140	0.0000797	0.002	0.000794	0.00477
2033 Nov	4200	1.72	7.08	0.107	1730	0.194	632	0.00106	0.00106	0.0000144	0.0147	0.00644	0.346	0.0584	0.000206	131	0.0000754	0.00187	0.000746	0.00452
2033 Dec	4180	1.71	7.05	0.106	1720	0.194	629	0.00106	0.00106	0.0000144	0.0147	0.00642	0.345	0.0582	0.000206	131	0.0000751	0.00186	0.000743	0.0045
2034 Jan	4170	1.71	7.04	0.106	1720	0.193	628	0.00106	0.00106	0.0000144	0.0147	0.00641	0.344	0.0582	0.000205	130	0.000075	0.00186	0.000743	0.0045
2034 Feb	4170	1.7	7.03	0.106	1720	0.193	627	0.00106	0.00106	0.0000143	0.0147	0.00641	0.344	0.0582	0.000205	130	0.000075	0.00186	0.000743	0.00449
2034 Mar	4170	1.7	7.02	0.106	1720	0.193	626	0.00106	0.00106	0.0000143	0.0147	0.0064	0.344	0.0582	0.000205	130	0.0000749	0.00186	0.000744	0.00449
2034 Apr	4170	1.7	7.03	0.106	1720	0.193	627	0.00106	0.00106	0.0000143	0.0147	0.00641	0.344	0.0583	0.000205	130	0.000075	0.00186	0.000745	0.00449
2034 May	3950	1.62	6.67	0.101	1620	0.184	595	0.00106	0.00106	0.0000138	0.0142	0.0103	0.326	0.0574	0.000192	125	0.0000723	0.00179	0.000742	0.00433
2034 Jun	2670	1.09	4.39	0.0676	1080	0.131	403	0.00128	0.00128	0.0000177	0.0142	0.00753	0.264	0.0802	0.000271	94.1	0.0000569	0.00162	0.000869	0.00338
2034 Jul	3020	1.17	4.82	0.0751	1220	0.147	462	0.00152	0.00152	0.000025	0.0173	0.0079	0.335	0.108	0.000423	102	0.0000629	0.002	0.00102	0.00374
2034 Aug	3110	1.2	4.95	0.0766	1260	0.15	476	0.00153	0.00153	0.0000253	0.0175	0.00793	0.343	0.109	0.000428	105	0.0000641	0.00204	0.00103	0.00381
2034 Sep	4170	1.59	6.71	0.102	1720	0.199	659	0.00135	0.00135	0.0000224	0.0176	0.00796	0.41	0.0948	0.000371	140	0.0000804	0.0023	0.00103	0.00482
2034 Oct	4450	1.71	7.21	0.108	1830	0.215	715	0.00112	0.00112	0.0000169	0.0161	0.00704	0.403	0.0706	0.000262	150	0.0000841	0.00218	0.000895	0.00507
2034 Nov	4320	1.67	7.01	0.106	1780	0.21	695	0.00112	0.00112	0.0000165	0.0159	0.00687	0.391	0.0687	0.000252	146	0.0000822	0.00212	0.000871	0.00495
2034 Dec	4310	1.67	6.99	0.105	1780	0.21	692	0.00112	0.00112	0.0000165	0.0158	0.00685	0.39	0.0686	0.000252	146	0.000082	0.00211	0.000869	0.00494
2035 Jan	4310	1.66	6.98	0.105	1770	0.209	692	0.00112	0.00112	0.0000164	0.0158	0.00685	0.39	0.0685	0.000251	146	0.0000819	0.00211	0.000869	0.00494
2035 Feb	4300	1.66	6.97	0.105	1770	0.209	691	0.00112	0.00112	0.0000164	0.0158	0.00684	0.389	0.0685	0.000251	146	0.0000819	0.00211	0.000869	0.00494
2035 Mar	4300	1.66	6.97	0.105	1770	0.209	691	0.00112	0.00112	0.0000164	0.0158	0.00684	0.389	0.0685	0.000251	146	0.0000818	0.00211	0.000869	0.00494
2035 Apr	4300	1.66	6.97	0.105	1770	0.209	691	0.00112	0.00112	0.0000164	0.0158	0.00685	0.389	0.0686	0.000251	146	0.0000819	0.00211	0.00087	0.00494
2035 May	4300	1.66	6.97	0.105	1770	0.209	691	0.00112	0.00112	0.0000164	0.0158	0.0083	0.389	0.0686	0.00025	146	0.0000819	0.00211	0.000872	0.00494
2035 Jun	2700	1.05	4.32	0.0666	1060	0.138	436	0.00112	0.00112	0.000014	0.0132	0.00682	0.258	0.0584	0.000197	95.1	0.0000602	0.00148	0.00069	0.00341
2035 Jul	2570	0.988	4.04	0.0633	983	0.132	417	0.00112	0.00112	0.0000137	0.0129	0.00636	0.248	0.0561	0.000192	89.2	0.000059	0.00141	0.00066	0.0033
2035 Aug	2660	1.02	4.19	0.0655	1020	0.136	437	0.00107	0.00107	0.0000126	0.0127	0.00631	0.25	0.0515	0.000169	92.7	0.0000608	0.0014	0.000645	0.0034
2035 Sep	3680	1.38	5.8	0.0881	1450	0.188	631	0.000887	0.000887	0.00000964	0.0127	0.00625	0.322	0.0394	0.000112	132	0.0000772	0.0017	0.000685	0.0045
2035 Oct	4120	1.55	6.54	0.0981	1650	0.211	714	0.00082	0.00082	0.00000857	0.0129	0.00633	0.354	0.0352	0.0000917	150	0.0000844	0.00185	0.000707	0.00497
2035 Nov	3990	1.52	6.37	0.0958	1580	0.206	692	0.000819	0.000819	0.00000838	0.0126	0.00624	0.342	0.0342	0.0000868	145	0.0000821	0.00179	0.000684	0.00483
2035 Dec	3970	1.51	6.33	0.0951	1570	0.204	687	0.00082	0.00082	0.00000835	0.0126	0.0062	0.34	0.0341	0.0000862	144	0.0000816	0.00178	0.00068	0.0048
2036 Jan	3960	1.51	6.31	0.0949	1570	0.204	686	0.00082	0.00082	0.00000835	0.0126	0.00619	0.339	0.0341	0.0000861	144	0.0000815	0.00178	0.000679	0.0048
2036 Feb	3960	1.51	6.31	0.0949	1570	0.204	685	0.000821	0.000821	0.00000835	0.0126	0.00619	0.339	0.0341	0.000086	144	0.0000814	0.00178	0.00068	0.0048
2036 Mar	3950	1.5	6.31	0.0948	1570	0.204	685	0.000821	0.000821	0.00000834	0.0126	0.00619	0.339	0.0342	0.000086	144	0.0000814	0.00178	0.00068	0.00479
2036 Apr	3960	1.51	6.31	0.0949	1570	0.204	685	0.000821	0.000821	0.00000835	0.0126	0.00683	0.339	0.0342	0.000086	144	0.0000814	0.00178	0.000681	0.0048
2036 May	3970	1.51	6.34	0.0953	1570	0.205	688	0.000823	0.000823	0.00000837	0.0126	0.00855	0.34	0.0343	0.0000862	145	0.0000817	0.00178	0.000683	0.00481
2036 Jun	3530	1.31	5.5	0.0836	1360	0.183	620	0.000786	0.000786	0.00000685	0.0116	0.00716	0.3	0.0264	0.000055	129	0.0000766	0.00156	0.000594	0.00437
2036 Jul	3210	1.19	4.98	0.0761	1220	0.17	572	0.00078	0.00078	0.00000614	0.0111	0.00622	0.274	0.0224	0.0000397	119	0.0000727	0.00142	0.000538	0.00407

2036 Aug	3240	1.2	5.02	0.0767	1230	0.172	579	0.000781	0.000781	0.00000609	0.0111	0.00638	0.277	0.0221	0.0000379	120	0.0000734	0.00143	0.00054	0.00411
2036 Sep	4090	1.48	6.27	0.0952	1540	0.215	750	0.000695	0.000695	0.00000566	0.0119	0.00725	0.351	0.0212	0.0000322	153	0.000089	0.00177	0.000642	0.00511
2036 Oct	5030	1.8	7.68	0.115	1930	0.268	948	0.000599	0.000599	0.00000498	0.0129	0.00739	0.438	0.0197	0.0000225	195	0.000106	0.00219	0.000753	0.00625
2036 Nov	4810	1.74	7.37	0.11	1830	0.258	905	0.000615	0.000615	0.00000499	0.0127	0.00717	0.418	0.0196	0.0000215	186	0.000102	0.00209	0.000722	0.00601
2036 Dec	4650	1.69	7.13	0.107	1760	0.25	875	0.000628	0.000628	0.00000499	0.0125	0.00697	0.404	0.0196	0.0000208	180	0.0000991	0.00203	0.000701	0.00583
2037 Jan	4630	1.68	7.09	0.106	1760	0.249	870	0.00063	0.00063	0.00000499	0.0125	0.00695	0.402	0.0196	0.0000207	179	0.0000987	0.00202	0.0007	0.00581
2037 Feb	4610	1.68	7.07	0.106	1750	0.249	868	0.00063	0.00063	0.00000499	0.0125	0.00694	0.401	0.0198	0.0000207	179	0.0000985	0.00202	0.000702	0.0058
2037 Mar	4610	1.67	7.06	0.106	1750	0.249	867	0.000631	0.000631	0.00000499	0.0125	0.00693	0.401	0.0198	0.0000207	179	0.0000984	0.00202	0.000702	0.0058
2037 Apr	4610	1.67	7.06	0.106	1750	0.248	867	0.000632	0.000632	0.00000499	0.0125	0.00693	0.401	0.0199	0.0000207	179	0.0000984	0.00202	0.000703	0.0058
2037 May	4000	1.44	6.04	0.0906	1500	0.216	752	0.00068	0.00068	0.00000497	0.0117	0.00621	0.346	0.0229	0.0000184	159	0.0000879	0.00179	0.000698	0.00518
2037 Jun	1730	0.578	2.39	0.0363	603	0.103	324	0.000853	0.000853	0.00000488	0.00696	0.00285	0.145	0.0187	0.00000987	73.5	0.0000426	0.000841	0.000417	0.0027
2037 Jul	863	0.283	1.17	0.0182	299	0.0638	162	0.000931	0.000931	0.00000495	0.00473	0.00149	0.0728	0.0126	0.00000729	39.5	0.0000235	0.000464	0.000234	0.00173
2037 Aug	593	0.193	0.79	0.0126	205	0.0517	111	0.000957	0.000957	0.00000498	0.0041	0.00108	0.0506	0.0109	0.00000655	28.9	0.0000176	0.000333	0.000183	0.00142
2037 Sep	548	0.178	0.729	0.0117	190	0.0498	102	0.000963	0.000963	0.000005	0.00402	0.001	0.0472	0.0107	0.00000642	27.2	0.0000166	0.000308	0.000177	0.00136
2037 Oct	553	0.18	0.735	0.0118	192	0.0502	104	0.000961	0.000961	0.00000499	0.00405	0.00101	0.0477	0.0107	0.0000064	27.5	0.0000167	0.000311	0.000177	0.00137
2037 Nov	553	0.18	0.734	0.0118	192	0.0502	103	0.000961	0.000961	0.00000499	0.00406	0.00101	0.0477	0.0107	0.0000064	27.5	0.0000167	0.000311	0.000177	0.00137
2037 Dec	553	0.18	0.734	0.0118	192	0.0502	103	0.000961	0.000961	0.00000499	0.00406	0.00101	0.0477	0.0107	0.0000064	27.5	0.0000167	0.000311	0.000177	0.00137
2038 Jan	553	0.18	0.734	0.0118	192	0.0502	103	0.000961	0.000961	0.00000499	0.00406	0.00101	0.0477	0.0107	0.0000064	27.5	0.0000167	0.000311	0.000178	0.00137
2038 Feb	553	0.18	0.734	0.0118	192	0.0502	103	0.000961	0.000961	0.00000499	0.00407	0.00101	0.0477	0.0107	0.0000064	27.5	0.0000167	0.000311	0.000178	0.00137
2038 Mar	553	0.18	0.734	0.0118	192	0.0502	103	0.000961	0.000961	0.00000499	0.00407	0.00101	0.0477	0.0107	0.0000064	27.5	0.0000167	0.000311	0.000178	0.00137
2038 Apr	553	0.18	0.734	0.0118	192	0.0502	103	0.000962	0.000962	0.00000499	0.00407	0.00101	0.0477	0.0107	0.0000064	27.5	0.0000167	0.000311	0.000178	0.00137
2038 May	548	0.179	0.727	0.0117	190	0.0499	103	0.000963	0.000963	0.000005	0.0041	0.00102	0.0473	0.0111	0.0000064	27.6	0.0000168	0.000313	0.000184	0.00137
2038 Jun	531	0.176	0.698	0.0112	184	0.0485	99.2	0.000961	0.000961	0.00000497	0.00431	0.00109	0.046	0.0132	0.00000627	28.7	0.0000175	0.000329	0.000217	0.00137
2038 Jul	539	0.178	0.71	0.0114	187	0.0491	101	0.000967	0.000967	0.000005	0.00435	0.0011	0.0469	0.0133	0.00000631	29.1	0.0000177	0.000334	0.000219	0.00139
2038 Aug	546	0.18	0.718	0.0115	190	0.0496	102	0.000972	0.000972	0.00000503	0.00438	0.00111	0.0475	0.0134	0.00000635	29.4	0.0000179	0.000338	0.000221	0.0014
2038 Sep	552	0.182	0.726	0.0116	192	0.05	104	0.000971	0.000971	0.00000503	0.00441	0.00111	0.0481	0.0134	0.00000635	29.8	0.0000181	0.000341	0.000222	0.00141
2038 Oct	555	0.183	0.729	0.0116	193	0.0503	104	0.00097	0.00097	0.00000502	0.00444	0.00112	0.0485	0.0134	0.00000633	30	0.0000182	0.000343	0.000222	0.00141
2038 Nov	555	0.183	0.729	0.0116	193	0.0503	105	0.00097	0.00097	0.00000503	0.00444	0.00112	0.0485	0.0134	0.00000633	30	0.0000182	0.000343	0.000222	0.00141
2038 Dec	555	0.183	0.729	0.0116	193	0.0503	104	0.00097	0.00097	0.00000503	0.00445	0.00112	0.0485	0.0134	0.00000633	30	0.0000182	0.000343	0.000222	0.00141
2039 Jan	555	0.183	0.729	0.0116	193	0.0503	104	0.00097	0.00097	0.00000503	0.00445	0.00112	0.0485	0.0134	0.00000633	30	0.0000182	0.000343	0.000222	0.00141
2039 Feb	555	0.183	0.729	0.0116	193	0.0503	104	0.00097	0.00097	0.00000503	0.00445	0.00112	0.0485	0.0134	0.00000633	30	0.0000182	0.000343	0.000222	0.00141
2039 Mar	555	0.184	0.729	0.0116	193	0.0503	104	0.00097	0.00097	0.00000503	0.00445	0.00112	0.0485	0.0134	0.00000633	30	0.0000182	0.000344	0.000222	0.00141
2039 Apr	555	0.184	0.729	0.0116	193	0.0504	105	0.000971	0.000971	0.00000503	0.00445	0.00112	0.0485	0.0134	0.00000634	30	0.0000182	0.000344	0.000223	0.00142
2039 May	556	0.184	0.73	0.0116	193	0.0504	105	0.000972	0.000972	0.00000504	0.00445	0.00112	0.0486	0.0135	0.00000635	30	0.0000182	0.000344	0.000223	0.00142
2039 Jun	551	0.181	0.722	0.0115	192	0.0502	106	0.000967	0.000967	0.000005	0.00474	0.00113	0.0497	0.0133	0.00000622	30.3	0.0000194	0.000353	0.000218	0.0014
2039 Jul	536	0.174	0.698	0.0111	187	0.0497	104	0.000963	0.000963	0.00000498	0.00486	0.00113	0.049	0.0131	0.00000613	29.9	0.0000195	0.00035	0.000213	0.00138
2039 Aug	532	0.172	0.692	0.011	185	0.0502	103	0.000965	0.000965	0.00000499	0.00489	0.00114	0.049	0.0132	0.00000611	30	0.0000194	0.000349	0.000212	0.00138
2039 Sep	537	0.174	0.697	0.0111	187	0.0506	105	0.000967	0.000967	0.000005	0.00491	0.00115	0.0496	0.0132	0.00000612	30.2	0.0000195	0.000352	0.000213	0.00139
2039 Oct	538	0.174	0.699	0.0111	187	0.0508	105	0.000966	0.000966	0.00000499	0.00493	0.00115	0.0498	0.0132	0.00000612	30.3	0.0000196	0.000353	0.000213	0.00139
2039 Nov	539	0.175	0.699	0.0111	187	0.0508	105	0.000967	0.000967	0.00000499	0.00493	0.00115	0.0498	0.0133	0.00000612	30.4	0.0000196	0.000353	0.000213	0.00139
2039 Dec	539	0.175	0.699	0.0111	187	0.0508	105	0.000967	0.000967	0.00000499	0.00493	0.00115	0.0498	0.0133	0.00000612	30.4	0.0000196	0.000353	0.000213	0.00139
2040 Jan	538	0.175	0.699	0.0111	187	0.0508	105	0.000967	0.000967	0.00000499	0.00493	0.00115	0.0498	0.0133	0.00000612	30.4	0.0000196	0.000353	0.000213	0.00139
2040 Feb	538	0.175	0.699	0.0111	187	0.0508	105	0.000967	0.000967	0.00000499	0.00493	0.00115	0.0498	0.0133	0.00000612	30.4	0.0000196	0.000353	0.000213	0.00139
2040 Mar	538	0.175	0.699	0.0111	187	0.0508	105	0.000967	0.000967	0.00000499	0.00493	0.00115	0.0498	0.0133	0.00000612	30.4	0.0000196	0.000353	0.000213	0.00139
2040 Apr	539	0.175	0.7	0.0111	187	0.0508	105	0.000967	0.000967	0.000005	0.00493	0.00115	0.0499	0.0133	0.00000612	30.4	0.0000196	0.000353	0.000213	0.00139
2040 May	538	0.174	0.698	0.0111	187	0.0508	105	0.000969	0.000969	0.000005	0.00495	0.00115	0.0498	0.0134	0.00000612	30.5	0.0000196	0.000354	0.000215	0.00139
2040 Jun	508	0.166	0.652	0.0104	176	0.0487	99	0.000966	0.000966	0.00000498	0.0051	0.00119	0.0474	0.0149	0.00000601	30.5	0.0000199	0.000359	0.000237	0.00137
2040 Jul	513	0.167	0.656	0.0104	177	0.049	100	0.000969	0.000969	0.00000499	0.00514	0.00119	0.0479	0.0149	0.00000602	30.7	0.0000201	0.000362	0.000238	0.00138
2040 Aug	519	0.169	0.663	0.0105	179	0.0495	102	0.000971	0.000971	0.00000501	0.00517	0.0012	0.0486	0.015	0.00000604	31.1	0.0000203	0.000366	0.000239	0.00139
2040 Sep	525	0.17	0.67	0.0106	181	0.05	103	0.000971	0.000971	0.00000501	0.00519	0.00121	0.0494	0.015	0.00000604	31.5	0.0000205	0.00037	0.00024	0.0014
2040 Oct	526	0.171	0.672	0.0107	181	0.0502	104	0.000972	0.000972	0.00000501	0.0052	0.00121	0.0496	0.015	0.00000605	31.6	0.0000205	0.000371	0.000241	0.00141
2040 Nov	527	0.171	0.672	0.0107	182	0.0502	104	0.000972	0.000972	0.00000501	0.00521	0.00121	0.0496	0.015	0.00000605	31.6	0.0000206	0.000372	0.000241	0.00141
2040 Dec	527	0.171	0.672	0.0107	182	0.0502	104	0.000972	0.000972	0.00000501	0.00521	0.00121	0.0496	0.015	0.00000605	31.6	0.0000206	0.000372	0.000241	0.00141
2041 Jan	527	0.171	0.672	0.0107	182	0.0502	104	0.000972	0.000972	0.00000501	0.00521	0.00121	0.0496	0.015	0.00000605	31.6	0.0000206	0.000372	0.000241	0.00141
2041 Feb	527	0.171	0.672	0.0107	182	0.0502	104	0.000972	0.000972	0.00000501	0.00521	0.00121	0.0496	0.015	0.00000605	31.6	0.0000206	0.000372	0.000241	0.00141
2041 Mar	527	0.171	0.672	0.0107	182	0.0502	104	0.000972	0.000972	0.00000501	0.00521	0.00121	0.0496	0.015	0.00000605	31.6	0.0000206	0.000372	0.000241	0.00141
2041 Apr	527	0.171	0.672	0.0107	182	0.0502	104	0.000972	0.000972	0.00000502	0.00521	0.00121	0.0496	0.015	0.00000605	31.6	0.0000206	0.000372	0.000241	0.00141
2041 May	529	0.172	0.675	0.0107	182	0.0504	105	0.000973	0.000973	0.00000502	0.00522	0.00122	0.0499	0.015	0.00000606	31.7	0.0000206	0.000373	0.000242	0.00141
2041 Jun	513	0.165	0.65	0.0103	176	0.0495	103	0.00097	0.00097	0.000005	0.00539	0.00121	0.0495	0.0148	0.00000597	31.3	0.0000212	0.000373	0.000235	0.00138
2041 Jul	497	0.159	0.625	0.00996	170	0.0484	99.8	0.000966	0.000966	0.00000497	0.00547	0.00119	0.0483	0.0145	0.0000059	30.6	0.0000214	0.000367	0.000229	0.00135
2041 Aug	502	0.16	0.63	0.01	171	0.0489	101	0.00097	0.00097	0.00000499	0.00551	0.0012	0.0489	0.0146	0.00000593	30.9	0.0000215	0.00037	0.00023	0.00136
2041 Sep	507	0.161	0.636	0.0101	173	0.0493	103	0.000971	0.000971	0.000005	0.00553	0.00121	0.0496	0.0146	0.00000594	31.2	0.0000217	0.000374	0.000231	0.00137
2041 Oct	510	0.162	0.639	0.0102	173	0.0496	103	0.00097	0.00097	0.000005	0.00554	0.00121	0.05	0.0146	0.00000593	31.4	0.0000218	0.000376	0.000231	0.00138
2041 Nov	510	0.162	0.639	0.0102	174	0.0496	104	0.000971	0.000971	0.000005	0.00555	0.00121	0.05	0.0146	0.00000594	31.4	0.0000218	0.000376	0.000232	0.00138
2041 Dec	510	0.162	0.639	0.0102	174	0.0496	104	0.000971	0.000971	0.000005	0.00555	0.00121	0.0501	0.0146	0.00000594	31.4	0.0000218	0.000376	0.000232	0.00138
2042 Jan	510	0.162	0.639	0.0102	174	0.0496	104	0.000971	0.000971	0.000005	0.00555	0.00121	0.0501	0.0146	0.00000594	31.4	0.0000218	0.000376	0.000232	0.00138
2042 Feb	510	0.162	0.639	0.0102	174	0.0496	104	0.000971	0.000971	0.000005	0.00555	0.00121	0.0501	0.0146	0.00000594	31.4	0.0000218	0.000376	0.000232	0.00138
2042 Mar	510	0.162	0.639	0.0102	174	0.0496	104	0.000971	0.000971	0.000005	0.00555	0.00121	0.0501	0.0146	0.00000594	31.4	0.0000218	0.000376	0.000232	0.00138
2042 Apr	510	0.163	0.64	0.0102	174	0.0497	104	0.000971	0.000971	0.000005	0.00555	0.00121	0.0501	0.0146	0.00000594	31.5	0.0000218	0.000377	0.000232	0.00138
2042 May	512	0.163	0.641	0.0102	174	0.0498	104	0.000973	0.000973	0.00000501	0.00556	0.00122	0.0502	0.0147	0.00000595	31.6	0.0000219	0.000378	0.000233	0.00138
2042 Jun	496	0.157	0.617	0.00984	168	0.0488	101	0.000971	0.000971	0.000005	0.00567	0.00121	0.0493	0.0145	0.00000589	30.9	0.0000221	0.000374	0.000227	0.00135
2042 Jul	487	0.153	0.602	0.00962	164	0.0484	99.9	0.00097	0.00097	0.00000499	0.00572	0.0012	0.0488	0.0144	0.00000585	30.6	0.0000222	0.000371	0.000224	0.00134

2042 Aug	487	0.153	0.6	0.00957	164	0.049	101	0.000968	0.000968	0.00000498	0.00573	0.00121	0.0494	0.0143	0.00000583	30.9	0.0000221	0.000373	0.000222	0.00135
2042 Sep	490	0.153	0.601	0.00958	164	0.0496	102	0.000966	0.000966	0.00000497	0.00575	0.00121	0.05	0.0144	0.00000582	31.2	0.0000222	0.000376	0.000222	0.00135
2042 Oct	491	0.154	0.601	0.00958	164	0.0498	103	0.000965	0.000965	0.00000496	0.00576	0.00122	0.0503	0.0144	0.00000581	31.3	0.0000222	0.000378	0.000222	0.00135
2042 Nov	491	0.154	0.601	0.00958	164	0.0498	103	0.000965	0.000965	0.00000497	0.00577	0.00122	0.0503	0.0144	0.00000581	31.3	0.0000222	0.000378	0.000222	0.00136
2042 Dec	491	0.154	0.601	0.00958	164	0.0498	103	0.000965	0.000965	0.00000497	0.00577	0.00122	0.0503	0.0144	0.00000581	31.3	0.0000222	0.000378	0.000222	0.00136
2043 Jan	491	0.154	0.601	0.00958	164	0.0498	103	0.000965	0.000965	0.00000497	0.00577	0.00122	0.0503	0.0144	0.00000581	31.3	0.0000222	0.000378	0.000223	0.00136
2043 Feb	491	0.154	0.601	0.00958	164	0.0498	103	0.000965	0.000965	0.00000497	0.00577	0.00122	0.0503	0.0144	0.00000581	31.3	0.0000222	0.000378	0.000223	0.00136
2043 Mar	491	0.154	0.601	0.00958	164	0.0498	103	0.000965	0.000965	0.00000497	0.00577	0.00122	0.0503	0.0144	0.00000581	31.3	0.0000222	0.000378	0.000223	0.00136
2043 Apr	491	0.154	0.601	0.00958	164	0.0499	103	0.000966	0.000966	0.00000497	0.00577	0.00122	0.0504	0.0144	0.00000581	31.3	0.0000222	0.000378	0.000223	0.00136
2043 May	491	0.154	0.601	0.00958	164	0.0499	103	0.000968	0.000968	0.00000498	0.00579	0.00122	0.0504	0.0145	0.00000582	31.4	0.0000223	0.000379	0.000224	0.00136
2043 Jun	468	0.148	0.565	0.00905	155	0.0482	98.3	0.000966	0.000966	0.00000496	0.00587	0.00125	0.0484	0.0156	0.00000575	31.4	0.0000224	0.000382	0.000242	0.00135
2043 Jul	472	0.149	0.569	0.0091	156	0.0487	99.6	0.000971	0.000971	0.00000499	0.00591	0.00126	0.049	0.0157	0.00000577	31.7	0.0000226	0.000386	0.000243	0.00136
2043 Aug	476	0.149	0.573	0.00916	157	0.0492	101	0.000975	0.000975	0.00000501	0.00594	0.00126	0.0496	0.0158	0.0000058	32.1	0.0000228	0.000389	0.000245	0.00137
2043 Sep	482	0.151	0.578	0.00923	159	0.0498	103	0.000975	0.000975	0.00000501	0.00596	0.00127	0.0505	0.0158	0.0000058	32.5	0.0000229	0.000394	0.000246	0.00138
2043 Oct	481	0.151	0.575	0.00919	158	0.05	103	0.000974	0.000974	0.000005	0.00598	0.00127	0.0506	0.0158	0.00000579	32.5	0.0000229	0.000394	0.000245	0.00138
2043 Nov	477	0.15	0.57	0.00911	157	0.05	102	0.000974	0.000974	0.000005	0.006	0.00127	0.0503	0.0158	0.00000578	32.4	0.0000228	0.000392	0.000244	0.00138
2043 Dec	477	0.15	0.569	0.00911	157	0.05	102	0.000974	0.000974	0.000005	0.006	0.00127	0.0503	0.0158	0.00000578	32.4	0.0000228	0.000392	0.000244	0.00138
2044 Jan	476	0.15	0.569	0.00911	157	0.05	102	0.000974	0.000974	0.000005	0.006	0.00127	0.0503	0.0158	0.00000578	32.4	0.0000228	0.000392	0.000244	0.00138
2044 Feb	476	0.15	0.569	0.00911	157	0.05	102	0.000974	0.000974	0.000005	0.006	0.00127	0.0503	0.0158	0.00000578	32.4	0.0000228	0.000392	0.000244	0.00138
2044 Mar	476	0.15	0.569	0.00911	157	0.05	102	0.000974	0.000974	0.000005	0.00601	0.00127	0.0503	0.0158	0.00000578	32.4	0.0000228	0.000392	0.000244	0.00138
2044 Apr	477	0.15	0.569	0.00911	157	0.05	102	0.000974	0.000974	0.000005	0.00601	0.00127	0.0503	0.0158	0.00000578	32.4	0.0000229	0.000392	0.000244	0.00138
2044 May	477	0.151	0.57	0.00913	157	0.0501	102	0.000976	0.000976	0.00000501	0.00602	0.00127	0.0504	0.0158	0.00000579	32.5	0.0000229	0.000393	0.000245	0.00138
2044 Jun	448	0.14	0.529	0.00854	146	0.0483	97.3	0.00097	0.00097	0.00000498	0.00605	0.00123	0.0483	0.0154	0.00000569	31.1	0.0000228	0.00038	0.000234	0.00133
2044 Jul	443	0.138	0.521	0.00843	144	0.0482	96.7	0.000973	0.000973	0.00000499	0.00608	0.00123	0.0481	0.0153	0.00000569	30.9	0.0000229	0.000379	0.000232	0.00133
2044 Aug	447	0.139	0.525	0.00849	145	0.0486	97.7	0.000979	0.000979	0.00000502	0.00612	0.00124	0.0486	0.0154	0.00000573	31.2	0.0000231	0.000382	0.000234	0.00134
2044 Sep	447	0.139	0.523	0.00846	145	0.0489	98.4	0.000977	0.000977	0.00000501	0.00613	0.00124	0.049	0.0153	0.00000571	31.3	0.000023	0.000383	0.000233	0.00134
2044 Oct	448	0.139	0.523	0.00846	145	0.0492	99	0.000976	0.000976	0.000005	0.00614	0.00124	0.0492	0.0153	0.00000571	31.5	0.0000231	0.000384	0.000233	0.00135
2044 Nov	448	0.139	0.522	0.00845	145	0.0492	99	0.000976	0.000976	0.00000501	0.00615	0.00124	0.0493	0.0153	0.00000571	31.5	0.0000231	0.000384	0.000233	0.00135
2044 Dec	448	0.139	0.522	0.00845	145	0.0492	99	0.000976	0.000976	0.00000501	0.00615	0.00124	0.0493	0.0153	0.00000571	31.5	0.0000231	0.000384	0.000233	0.00135
2045 Jan	448	0.139	0.522	0.00845	145	0.0492	99	0.000976	0.000976	0.00000501	0.00615	0.00124	0.0492	0.0153	0.00000571	31.5	0.0000231	0.000384	0.000233	0.00135
2045 Feb	448	0.139	0.522	0.00845	144	0.0492	99	0.000976	0.000976	0.00000501	0.00615	0.00124	0.0492	0.0153	0.00000571	31.5	0.0000231	0.000384	0.000233	0.00135
2045 Mar	448	0.139	0.522	0.00845	144	0.0492	99	0.000976	0.000976	0.00000501	0.00615	0.00124	0.0492	0.0154	0.00000571	31.5	0.0000231	0.000384	0.000233	0.00135
2045 Apr	448	0.139	0.522	0.00845	145	0.0492	99	0.000976	0.000976	0.00000501	0.00615	0.00124	0.0493	0.0154	0.00000571	31.5	0.0000231	0.000385	0.000234	0.00135
2045 May	449	0.14	0.523	0.00846	145	0.0493	99.2	0.000978	0.000978	0.00000501	0.00616	0.00124	0.0493	0.0154	0.00000572	31.5	0.0000231	0.000385	0.000234	0.00135
2045 Jun	442	0.135	0.508	0.00823	141	0.0494	101	0.000973	0.000973	0.00000499	0.00625	0.00124	0.0503	0.015	0.00000566	31.7	0.0000237	0.000389	0.000229	0.00134
2045 Jul	436	0.132	0.498	0.00809	138	0.0493	101	0.000975	0.000975	0.000005	0.00629	0.00123	0.0504	0.0149	0.00000565	31.6	0.0000239	0.000389	0.000227	0.00134
2045 Aug	439	0.133	0.501	0.00814	139	0.0496	102	0.000979	0.000979	0.00000502	0.00632	0.00124	0.0508	0.015	0.00000568	31.8	0.000024	0.000392	0.000228	0.00135
2045 Sep	442	0.133	0.502	0.00816	139	0.0499	102	0.000979	0.000979	0.00000502	0.00634	0.00124	0.0512	0.015	0.00000568	32	0.0000241	0.000393	0.000228	0.00135
2045 Oct	443	0.134	0.503	0.00817	140	0.05	103	0.000979	0.000979	0.00000502	0.00635	0.00125	0.0515	0.015	0.00000568	32.1	0.0000241	0.000395	0.000229	0.00136
2045 Nov	443	0.134	0.503	0.00817	140	0.0501	103	0.000979	0.000979	0.00000502	0.00635	0.00125	0.0515	0.015	0.00000568	32.2	0.0000242	0.000395	0.000229	0.00136
2045 Dec	443	0.134	0.503	0.00817	140	0.0501	103	0.000979	0.000979	0.00000502	0.00635	0.00125	0.0515	0.015	0.00000568	32.2	0.0000242	0.000395	0.000229	0.00136
2046 Jan	443	0.134	0.503	0.00817	140	0.0501	103	0.00098	0.00098	0.00000502	0.00635	0.00125	0.0515	0.015	0.00000568	32.2	0.0000242	0.000395	0.000229	0.00136
2046 Feb	443	0.134	0.503	0.00817	140	0.0501	103	0.00098	0.00098	0.00000502	0.00635	0.00125	0.0515	0.015	0.00000568	32.2	0.0000242	0.000395	0.000229	0.00136
2046 Mar	443	0.134	0.503	0.00818	140	0.0501	103	0.00098	0.00098	0.00000502	0.00635	0.00125	0.0515	0.015	0.00000568	32.2	0.0000242	0.000395	0.000229	0.00136
2046 Apr	443	0.134	0.503	0.00818	140	0.0501	103	0.00098	0.00098	0.00000503	0.00635	0.00125	0.0516	0.015	0.00000569	32.2	0.0000242	0.000395	0.000229	0.00136
2046 May	444	0.134	0.504	0.00819	140	0.0502	103	0.000982	0.000982	0.00000503	0.00637	0.00125	0.0517	0.015	0.0000057	32.3	0.0000242	0.000396	0.00023	0.00136
2046 Jun	417	0.124	0.466	0.00764	130	0.0485	98.5	0.000977	0.000977	0.000005	0.00642	0.00122	0.0497	0.0146	0.00000561	31	0.0000243	0.000385	0.000219	0.00131
2046 Jul	395	0.117	0.437	0.00723	122	0.047	93.8	0.000974	0.000974	0.00000498	0.00642	0.00119	0.0477	0.0142	0.00000555	29.8	0.000024	0.000373	0.000212	0.00128
2046 Aug	399	0.117	0.44	0.00727	123	0.0473	94.8	0.000978	0.000978	0.000005	0.00645	0.0012	0.0482	0.0143	0.00000557	30	0.0000242	0.000376	0.000213	0.00128
2046 Sep	401	0.118	0.44	0.00728	123	0.0478	96.2	0.000975	0.000975	0.00000499	0.00646	0.0012	0.0488	0.0143	0.00000556	30.3	0.0000242	0.000379	0.000213	0.00129
2046 Oct	401	0.118	0.438	0.00725	122	0.0481	96.9	0.000973	0.000973	0.00000498	0.00647	0.0012	0.0491	0.0143	0.00000555	30.5	0.0000242	0.00038	0.000213	0.0013
2046 Nov	401	0.118	0.438	0.00725	122	0.0482	97	0.000973	0.000973	0.00000498	0.00647	0.0012	0.0492	0.0143	0.00000555	30.5	0.0000242	0.00038	0.000213	0.0013
2046 Dec	401	0.118	0.438	0.00725	122	0.0482	97.1	0.000973	0.000973	0.00000498	0.00647	0.0012	0.0492	0.0143	0.00000555	30.5	0.0000242	0.00038	0.000213	0.0013
2047 Jan	401	0.118	0.438	0.00725	122	0.0482	97	0.000973	0.000973	0.00000498	0.00647	0.0012	0.0492	0.0143	0.00000555	30.5	0.0000242	0.00038	0.000213	0.0013
2047 Feb	401	0.118	0.438	0.00725	122	0.0482	97	0.000973	0.000973	0.00000498	0.00647	0.0012	0.0492	0.0143	0.00000555	30.5	0.0000242	0.00038	0.000213	0.0013
2047 Mar	401	0.118	0.438	0.00725	122	0.0482	97.1	0.000973	0.000973	0.00000498	0.00647	0.0012	0.0492	0.0143	0.00000555	30.5	0.0000242	0.00038	0.000213	0.0013
2047 Apr	402	0.118	0.438	0.00725	122	0.0482	97.1	0.000974	0.000974	0.00000498	0.00647	0.0012	0.0492	0.0143	0.00000555	30.5	0.0000242	0.00038	0.000213	0.0013
2047 May	399	0.118	0.434	0.00719	121	0.048	96.4	0.000975	0.000975	0.00000499	0.00648	0.00121	0.0489	0.0146	0.00000555	30.6	0.0000242	0.000381	0.000218	0.0013
2047 Jun	380	0.114	0.403	0.00674	114	0.0466	92.8	0.000971	0.000971	0.00000496	0.00645	0.00125	0.0473	0.0165	0.00000548	31.3	0.0000241	0.000391	0.000251	0.00131
2047 Jul	386	0.115	0.408	0.00681	115	0.0473	95.1	0.000976	0.000976	0.00000499	0.0065	0.00127	0.0483	0.0166	0.00000552	31.9	0.0000244	0.000397	0.000254	0.00133
2047 Aug	389	0.116	0.411	0.00686	116	0.0477	96.3	0.00098	0.00098	0.00000501	0.00653	0.00128	0.0489	0.0167	0.00000554	32.2	0.0000246	0.0004	0.000255	0.00134
2047 Sep	394	0.117	0.414	0.00689	117	0.0483	98.1	0.000979	0.000979	0.00000501	0.00654	0.00128	0.0497	0.0167	0.00000554	32.6	0.0000247	0.000404	0.000256	0.00135
2047 Oct	396	0.117	0.414	0.00689	117	0.0487	99.5	0.000977	0.000977	0.000005	0.00656	0.00128	0.0503	0.0167	0.00000553	32.9	0.0000248	0.000407	0.000256	0.00136
2047 Nov	395	0.117	0.413	0.00688	117	0.0487	99.4	0.000977	0.000977	0.000005	0.00657	0.00128	0.0503	0.0167	0.00000553	32.8	0.0000248	0.000407	0.000256	0.00136
2047 Dec	395	0.117	0.413	0.00687	117	0.0487	99.4	0.000977	0.000977	0.000005	0.00657	0.00129	0.0503	0.0167	0.00000553	32.9	0.0000248	0.000407	0.000256	0.00136
2048 Jan	395	0.117	0.413	0.00687	117	0.0488	99.4	0.000977	0.000977	0.000005	0.00657	0.00129	0.0503	0.0167	0.00000553	32.9	0.0000248	0.000407	0.000256	0.00136
2048 Feb	395	0.117	0.413	0.00687	117	0.0487	99.4	0.000977	0.000977	0.000005	0.00657	0.00129	0.0503	0.0167	0.00000553	32.9	0.0000248	0.000407	0.000256	0.00136
2048 Mar	395	0.117	0.413	0.00687	117	0.0487	99.4	0.000977	0.000977	0.000005	0.00657	0.00129	0.0503	0.0167	0.00000553	32.9	0.0000248	0.000407	0.000256	0.00136
2048 Apr	395	0.117	0.413	0.00688	117	0.0488	99.4	0.000977	0.000977	0.000005	0.00657	0.00129	0.0503	0.0167	0.00000553	32.9	0.0000248	0.000407	0.000256	0.00136
2048 May	396	0.118	0.414	0.00689	117	0.0489	99.6	0.000979	0.000979	0.00000501	0.00659	0.00129	0.0504	0.0167	0.00000554	32.9	0.0000249	0.000408	0.000257	0.00136
2048 Jun	370	0.108	0.381	0.00642	108	0.047	93.9	0.000975	0.000975	0.00000498	0.0066	0.00125	0.048	0.0161	0.00000547	31.3	0.0000247	0.000392	0.000243	0.00131
2048 Jul	351	0.102	0.356	0.00608	101	0.0456	89.2	0.000974	0.000974	0.00000497	0.00659	0.00121	0.046	0.0157	0.00000543	30	0.0000244	0.000379	0.000234	0.00127

2048 Aug	353	0.102	0.357	0.0061	102	0.046	90.4	0.000975	0.000975	0.00000498	0.00661	0.00122	0.0466	0.0157	0.00000544	30.3	0.0000245	0.000382	0.000234	0.00128
2048 Sep	357	0.103	0.359	0.00611	102	0.0466	92.1	0.000974	0.000974	0.00000498	0.00662	0.00123	0.0473	0.0157	0.00000544	30.7	0.0000246	0.000386	0.000235	0.00129
2048 Oct	358	0.103	0.359	0.00612	102	0.0468	93	0.000973	0.000973	0.00000497	0.00663	0.00123	0.0477	0.0157	0.00000543	30.8	0.0000246	0.000387	0.000235	0.00129
2048 Nov	358	0.103	0.358	0.00611	102	0.0469	93.1	0.000973	0.000973	0.00000497	0.00663	0.00123	0.0478	0.0157	0.00000543	30.9	0.0000246	0.000387	0.000234	0.00129
2048 Dec	358	0.103	0.358	0.00611	102	0.0469	93	0.000973	0.000973	0.00000497	0.00663	0.00123	0.0478	0.0157	0.00000543	30.9	0.0000246	0.000387	0.000234	0.00129
2049 Jan	358	0.103	0.358	0.00611	102	0.0469	93	0.000973	0.000973	0.00000497	0.00663	0.00123	0.0478	0.0157	0.00000543	30.9	0.0000246	0.000387	0.000235	0.00129
2049 Feb	358	0.103	0.358	0.00611	102	0.0469	93	0.000973	0.000973	0.00000497	0.00663	0.00123	0.0478	0.0157	0.00000543	30.9	0.0000246	0.000387	0.000235	0.00129
2049 Mar	358	0.103	0.358	0.00611	102	0.0469	93	0.000973	0.000973	0.00000497	0.00663	0.00123	0.0478	0.0157	0.00000543	30.9	0.0000246	0.000387	0.000235	0.00129
2049 Apr	358	0.103	0.358	0.00611	102	0.0469	93.1	0.000974	0.000974	0.00000497	0.00664	0.00123	0.0478	0.0157	0.00000544	30.9	0.0000246	0.000388	0.000235	0.00129
2049 May	359	0.103	0.359	0.00612	102	0.047	93.2	0.000975	0.000975	0.00000498	0.00665	0.00123	0.0479	0.0157	0.00000545	30.9	0.0000247	0.000388	0.000235	0.0013
2049 Jun	334	0.0949	0.328	0.00569	93.7	0.0452	87.6	0.000971	0.000971	0.00000495	0.00665	0.00119	0.0455	0.0151	0.00000538	29.4	0.0000244	0.000373	0.000223	0.00125
2049 Jul	325	0.0915	0.316	0.00552	90.3	0.0445	85.6	0.00097	0.00097	0.00000495	0.00663	0.00118	0.0446	0.0149	0.00000536	28.8	0.0000243	0.000367	0.000218	0.00123
2049 Aug	328	0.0922	0.319	0.00556	91	0.045	86.7	0.000976	0.000976	0.00000498	0.00667	0.00119	0.0451	0.015	0.00000539	29.1	0.0000245	0.00037	0.00022	0.00124
2049 Sep	332	0.0928	0.32	0.00558	91.3	0.0455	88.4	0.000975	0.000975	0.00000497	0.00669	0.00119	0.0459	0.015	0.00000539	29.4	0.0000246	0.000374	0.00022	0.00125
2049 Oct	333	0.0933	0.32	0.00557	91.3	0.0458	89.3	0.000973	0.000973	0.00000496	0.0067	0.00119	0.0463	0.015	0.00000538	29.6	0.0000247	0.000376	0.000221	0.00126
2049 Nov	333	0.0935	0.319	0.00557	91.2	0.0459	89.5	0.000973	0.000973	0.00000496	0.00671	0.0012	0.0464	0.015	0.00000538	29.7	0.0000247	0.000376	0.000221	0.00126
2049 Dec	333	0.0935	0.319	0.00556	91.2	0.0459	89.6	0.000973	0.000973	0.00000496	0.00672	0.0012	0.0464	0.015	0.00000538	29.7	0.0000247	0.000376	0.000221	0.00126
2050 Jan	333	0.0936	0.319	0.00556	91.2	0.0459	89.5	0.000973	0.000973	0.00000496	0.00672	0.0012	0.0464	0.015	0.00000538	29.7	0.0000247	0.000376	0.000221	0.00126
2050 Feb	333	0.0936	0.319	0.00556	91.2	0.0459	89.5	0.000973	0.000973	0.00000496	0.00672	0.0012	0.0464	0.015	0.00000538	29.7	0.0000247	0.000376	0.000221	0.00126
2050 Mar	333	0.0936	0.319	0.00556	91.2	0.0459	89.5	0.000973	0.000973	0.00000496	0.00672	0.0012	0.0464	0.015	0.00000538	29.7	0.0000247	0.000376	0.000221	0.00126
2050 Apr	333	0.0936	0.319	0.00556	91.2	0.046	89.6	0.000974	0.000974	0.00000497	0.00672	0.0012	0.0464	0.015	0.00000538	29.7	0.0000247	0.000376	0.000221	0.00126
2050 May	334	0.0937	0.32	0.00557	91.4	0.046	89.7	0.000975	0.000975	0.00000497	0.00673	0.0012	0.0465	0.0151	0.00000539	29.7	0.0000247	0.000377	0.000221	0.00126
2050 Jun	322	0.0893	0.304	0.00534	87	0.0452	87.6	0.000972	0.000972	0.00000495	0.00673	0.00118	0.0457	0.0148	0.00000535	29.1	0.0000247	0.000371	0.000216	0.00124
2050 Jul	314	0.0861	0.292	0.00519	83.9	0.0446	85.6	0.00097	0.00097	0.00000494	0.0067	0.00117	0.0447	0.0146	0.00000533	28.5	0.0000245	0.000365	0.000212	0.00122
2050 Aug	316	0.0864	0.294	0.00521	84.2	0.0449	86.5	0.000973	0.000973	0.00000496	0.00672	0.00117	0.0451	0.0146	0.00000535	28.7	0.0000246	0.000367	0.000213	0.00123
2050 Sep	318	0.0868	0.294	0.00522	84.4	0.0453	87.6	0.000973	0.000973	0.00000496	0.00674	0.00118	0.0456	0.0146	0.00000535	29	0.0000247	0.000369	0.000213	0.00124
2050 Oct	320	0.0871	0.295	0.00523	84.6	0.0455	88.2	0.000974	0.000974	0.00000496	0.00675	0.00118	0.0459	0.0147	0.00000535	29.1	0.0000247	0.000371	0.000214	0.00124
2050 Nov	320	0.0872	0.295	0.00524	84.7	0.0455	88.4	0.000974	0.000974	0.00000496	0.00675	0.00118	0.046	0.0147	0.00000536	29.2	0.0000248	0.000371	0.000214	0.00124
2050 Dec	320	0.0872	0.295	0.00524	84.7	0.0455	88.4	0.000974	0.000974	0.00000496	0.00675	0.00118	0.046	0.0147	0.00000536	29.2	0.0000248	0.000371	0.000214	0.00124
2051 Jan	320	0.0872	0.295	0.00524	84.7	0.0455	88.4	0.000974	0.000974	0.00000496	0.00675	0.00118	0.046	0.0147	0.00000536	29.2	0.0000248	0.000371	0.000214	0.00124
2051 Feb	320	0.0872	0.295	0.00524	84.7	0.0455	88.4	0.000974	0.000974	0.00000496	0.00675	0.00118	0.046	0.0147	0.00000536	29.2	0.0000248	0.000371	0.000214	0.00124
2051 Mar	320	0.0872	0.295	0.00524	84.7	0.0455	88.4	0.000974	0.000974	0.00000497	0.00675	0.00118	0.046	0.0147	0.00000536	29.2	0.0000248	0.000371	0.000214	0.00124
2051 Apr	320	0.0873	0.295	0.00524	84.7	0.0456	88.4	0.000974	0.000974	0.00000497	0.00676	0.00118	0.046	0.0147	0.00000536	29.2	0.0000248	0.000372	0.000214	0.00124
2051 May	321	0.0875	0.296	0.00524	84.9	0.0457	88.8	0.000976	0.000976	0.00000498	0.00677	0.00119	0.0462	0.0148	0.00000537	29.4	0.0000249	0.000373	0.000216	0.00125
2051 Jun	302	0.0815	0.268	0.00483	77.5	0.0444	86	0.000968	0.000968	0.00000493	0.00674	0.00119	0.045	0.0154	0.00000529	29.3	0.0000248	0.000374	0.000227	0.00124
2051 Jul	303	0.0804	0.265	0.0048	76.8	0.0448	87.7	0.000968	0.000968	0.00000493	0.00674	0.00119	0.0458	0.0152	0.00000529	29.5	0.0000249	0.000377	0.000226	0.00124
2051 Aug	305	0.0805	0.265	0.0048	76.8	0.0452	88.7	0.000969	0.000969	0.00000494	0.00675	0.0012	0.0463	0.0153	0.0000053	29.8	0.000025	0.000379	0.000226	0.00125
2051 Sep	306	0.0811	0.263	0.00477	76.3	0.0456	89.4	0.000968	0.000968	0.00000493	0.00676	0.0012	0.0466	0.0153	0.00000529	29.9	0.0000249	0.00038	0.000226	0.00126
2051 Oct	301	0.0818	0.256	0.00467	74.5	0.046	88.8	0.000963	0.000963	0.00000491	0.00677	0.00119	0.0463	0.0152	0.00000526	29.8	0.0000246	0.000376	0.000223	0.00126
2051 Nov	300	0.0819	0.255	0.00466	74.3	0.0461	88.8	0.000963	0.000963	0.00000491	0.00677	0.00119	0.0463	0.0152	0.00000526	29.8	0.0000246	0.000376	0.000222	0.00126
2051 Dec	300	0.082	0.255	0.00466	74.3	0.0461	88.9	0.000963	0.000963	0.00000491	0.00677	0.00119	0.0463	0.0152	0.00000526	29.8	0.0000246	0.000376	0.000222	0.00126
2052 Jan	300	0.082	0.255	0.00466	74.3	0.0461	88.8	0.000963	0.000963	0.00000491	0.00677	0.00119	0.0463	0.0152	0.00000526	29.8	0.0000246	0.000376	0.000222	0.00126
2052 Feb	300	0.082	0.255	0.00466	74.3	0.0461	88.8	0.000963	0.000963	0.00000491	0.00677	0.00119	0.0463	0.0152	0.00000526	29.8	0.0000246	0.000376	0.000223	0.00126
2052 Mar	300	0.082	0.255	0.00466	74.3	0.0461	88.8	0.000963	0.000963	0.00000491	0.00677	0.00119	0.0463	0.0152	0.00000526	29.8	0.0000246	0.000376	0.000223	0.00126
2052 Apr	301	0.082	0.255	0.00466	74.3	0.0461	88.9	0.000964	0.000964	0.00000491	0.00677	0.00119	0.0464	0.0152	0.00000526	29.8	0.0000246	0.000376	0.000223	0.00126
2052 May	301	0.0821	0.255	0.00466	74.3	0.0461	88.8	0.000965	0.000965	0.00000492	0.00678	0.0012	0.0463	0.0153	0.00000527	29.8	0.0000247	0.000377	0.000224	0.00126
2052 Jun	295	0.0805	0.247	0.00455	72.3	0.0457	87.8	0.000964	0.000964	0.00000491	0.00677	0.0012	0.0459	0.0155	0.00000526	29.8	0.0000246	0.000377	0.000228	0.00126
2052 Jul	296	0.0799	0.246	0.00453	71.9	0.0461	88.6	0.000966	0.000966	0.00000492	0.00678	0.0012	0.0462	0.0155	0.00000527	29.9	0.0000246	0.000378	0.000228	0.00126
2052 Aug	298	0.08	0.246	0.00454	72	0.0464	89.5	0.000969	0.000969	0.00000494	0.00679	0.00121	0.0466	0.0156	0.00000528	30.2	0.0000247	0.00038	0.000229	0.00127
2052 Sep	301	0.0803	0.247	0.00455	72.2	0.0468	90.8	0.000968	0.000968	0.00000493	0.0068	0.00122	0.0472	0.0156	0.00000528	30.4	0.0000248	0.000382	0.000229	0.00128
2052 Oct	303	0.0807	0.247	0.00456	72.4	0.0471	91.8	0.000968	0.000968	0.00000493	0.00681	0.00122	0.0477	0.0156	0.00000528	30.6	0.0000249	0.000385	0.000229	0.00128
2052 Nov	303	0.0807	0.247	0.00456	72.4	0.0472	91.9	0.000968	0.000968	0.00000493	0.00682	0.00122	0.0477	0.0156	0.00000529	30.7	0.0000249	0.000385	0.00023	0.00128
2052 Dec	303	0.0808	0.247	0.00456	72.4	0.0472	92	0.000968	0.000968	0.00000493	0.00682	0.00122	0.0477	0.0156	0.00000529	30.7	0.0000249	0.000385	0.00023	0.00128
2053 Jan	303	0.0808	0.247	0.00456	72.4	0.0472	92	0.000968	0.000968	0.00000494	0.00682	0.00122	0.0477	0.0156	0.00000529	30.7	0.0000249	0.000385	0.00023	0.00128
2053 Feb	303	0.0808	0.247	0.00456	72.4	0.0472	92	0.000968	0.000968	0.00000494	0.00682	0.00122	0.0477	0.0156	0.00000529	30.7	0.0000249	0.000385	0.00023	0.00128
2053 Mar	303	0.0808	0.247	0.00456	72.4	0.0472	92	0.000968	0.000968	0.00000494	0.00682	0.00122	0.0477	0.0156	0.00000529	30.7	0.0000249	0.000385	0.00023	0.00129
2053 Apr	303	0.0808	0.247	0.00456	72.5	0.0472	92.1	0.000969	0.000969	0.00000494	0.00682	0.00122	0.0478	0.0156	0.00000529	30.7	0.0000249	0.000386	0.00023	0.00129
2053 May	302	0.0808	0.244	0.00451	71.8	0.0471	92	0.000969	0.000969	0.00000494	0.00682	0.00124	0.0477	0.0161	0.00000529	31.1	0.0000249	0.00039	0.000238	0.00129
2053 Jun	294	0.0785	0.23	0.00429	68.2	0.0465	91.4	0.000963	0.000963	0.00000491	0.00676	0.00126	0.0473	0.0171	0.00000524	31.7	0.0000249	0.000397	0.000258	0.00131
2053 Jul	299	0.0789	0.232	0.00433	68.7	0.0473	94.4	0.000965	0.000965	0.00000492	0.00679	0.00127	0.0487	0.0171	0.00000526	32.3	0.0000252	0.000404	0.00026	0.00132
2053 Aug	304	0.0795	0.234	0.00437	69.4	0.048	96.6	0.000969	0.000969	0.00000494	0.00683	0.00128	0.0497	0.0172	0.00000529	32.9	0.0000255	0.00041	0.000262	0.00134
2053 Sep	311	0.0804	0.238	0.00442	70.5	0.049	100	0.000971	0.000971	0.00000496	0.00688	0.0013	0.0515	0.0172	0.00000531	33.7	0.0000259	0.000419	0.000265	0.00136
2053 Oct	315	0.0809	0.24	0.00445	71	0.0496	102	0.000971	0.000971	0.00000496	0.00689	0.0013	0.0525	0.0172	0.00000532	34.2	0.0000261	0.000424	0.000266	0.00138
2053 Nov	316	0.0809	0.24	0.00445	71.1	0.0497	103	0.000971	0.000971	0.00000496	0.0069	0.00131	0.0525	0.0172	0.00000532	34.2	0.0000261	0.000424	0.000266	0.00138
2053 Dec	316	0.0809	0.24	0.00445	71.1	0.0497	103	0.000971	0.000971	0.00000496	0.0069	0.00131	0.0526	0.0172	0.00000532	34.2	0.0000261	0.000424	0.000266	0.00138
2054 Jan	316	0.0809	0.24	0.00445	71.1	0.0497	103	0.000971	0.000971	0.00000496	0.0069	0.00131	0.0526	0.0172	0.00000532	34.2	0.0000261	0.000424	0.000266	0.00138
2054 Feb	316	0.0809	0.24	0.00445	71.1	0.0497	103	0.000971	0.000971	0.00000496	0.0069	0.00131	0.0526	0.0172	0.00000532	34.2	0.0000261	0.000424	0.000267	0.00138
2054 Mar	316	0.0809	0.24	0.00445	71.1	0.0497	103	0.000971	0.000971	0.00000496	0.0069	0.00131	0.0526	0.0172	0.00000532	34.2	0.0000261	0.000424	0.000267	0.00138
2054 Apr	316	0.081	0.24	0.00445	71.1	0.0497	103	0.000971	0.000971	0.00000496	0.0069	0.00131	0.0526	0.0173	0.00000532	34.2	0.0000261	0.000424	0.000267	0.00138
2054 May	316	0.0811	0.24	0.00445	71.1	0.0497	103	0.000973	0.000973	0.00000497	0.00691	0.00131	0.0526	0.0173	0.00000533	34.3	0.0000262	0.000425	0.000268	0.00138
2054 Jun	305	0.0785	0.226	0.00423	67.5	0.0483	99.3	0.000967	0.000967	0.00000494	0.00688	0.00132	0.051	0.018	0.00000528	34.1	0.000026	0.000425	0.000279	0.00137
2054 Jul	304	0.0775	0.223	0.0042	66.7	0.0484	99.5	0.000966	0.000966	0.00000493	0.00687	0.00132	0.051	0.0179	0.00000528	34	0.000026	0.000423	0.000277	0.00137

2054 Aug	307	0.0776	0.224	0.0042	66.8	0.0488	101	0.000967	0.000967	0.00000494	0.00688	0.00132	0.0516	0.0179	0.00000528	34.3	0.0000261	0.000426	0.000277	0.00137
2054 Sep	308	0.0777	0.224	0.00421	66.8	0.0492	102	0.000968	0.000968	0.00000494	0.00689	0.00132	0.0521	0.0179	0.00000529	34.5	0.0000261	0.000428	0.000277	0.00138
2054 Oct	308	0.0778	0.223	0.0042	66.6	0.0493	102	0.000967	0.000967	0.00000494	0.00688	0.00132	0.0521	0.0178	0.00000528	34.5	0.0000261	0.000428	0.000277	0.00138
2054 Nov	308	0.0778	0.222	0.00419	66.4	0.0493	102	0.000966	0.000966	0.00000493	0.00688	0.00132	0.052	0.0178	0.00000528	34.4	0.000026	0.000427	0.000276	0.00138
2054 Dec	308	0.0779	0.222	0.00419	66.4	0.0493	102	0.000967	0.000967	0.00000493	0.00688	0.00132	0.0521	0.0178	0.00000528	34.4	0.000026	0.000427	0.000276	0.00138
2055 Jan	308	0.0779	0.222	0.00419	66.4	0.0493	102	0.000967	0.000967	0.00000493	0.00688	0.00132	0.052	0.0178	0.00000528	34.4	0.000026	0.000427	0.000276	0.00138
2055 Feb	308	0.0779	0.222	0.00419	66.4	0.0493	102	0.000967	0.000967	0.00000493	0.00688	0.00132	0.052	0.0178	0.00000528	34.5	0.000026	0.000427	0.000276	0.00138
2055 Mar	308	0.0779	0.222	0.00419	66.4	0.0493	102	0.000967	0.000967	0.00000493	0.00688	0.00132	0.052	0.0178	0.00000528	34.5	0.000026	0.000427	0.000276	0.00138
2055 Apr	308	0.078	0.222	0.00419	66.4	0.0493	102	0.000967	0.000967	0.00000494	0.00689	0.00132	0.0521	0.0178	0.00000528	34.5	0.0000261	0.000427	0.000276	0.00138
2055 May	308	0.0781	0.222	0.00419	66.5	0.0494	102	0.000968	0.000968	0.00000494	0.0069	0.00132	0.0521	0.0179	0.00000529	34.5	0.0000261	0.000428	0.000277	0.00138
2055 Jun	288	0.0715	0.203	0.00392	61	0.0475	96.4	0.000965	0.000965	0.00000492	0.00688	0.00128	0.0498	0.017	0.00000524	32.8	0.0000258	0.000411	0.00026	0.00133
2055 Jul	282	0.0693	0.197	0.00384	59.1	0.0468	94.1	0.000966	0.000966	0.00000492	0.00687	0.00126	0.0488	0.0167	0.00000524	32.1	0.0000257	0.000403	0.000254	0.00131
2055 Aug	284	0.0696	0.198	0.00385	59.4	0.0471	94.9	0.000969	0.000969	0.00000494	0.0069	0.00127	0.0491	0.0168	0.00000526	32.3	0.0000258	0.000406	0.000255	0.00132
2055 Sep	285	0.0697	0.198	0.00386	59.4	0.0474	95.7	0.000969	0.000969	0.00000494	0.00691	0.00127	0.0495	0.0168	0.00000526	32.4	0.0000258	0.000407	0.000255	0.00132
2055 Oct	286	0.0699	0.198	0.00386	59.5	0.0475	96.2	0.00097	0.00097	0.00000494	0.00692	0.00127	0.0497	0.0168	0.00000526	32.5	0.0000259	0.000408	0.000256	0.00132
2055 Nov	287	0.07	0.198	0.00386	59.5	0.0476	96.4	0.00097	0.00097	0.00000494	0.00692	0.00127	0.0498	0.0168	0.00000526	32.6	0.0000259	0.000409	0.000256	0.00133
2055 Dec	287	0.07	0.198	0.00386	59.5	0.0476	96.5	0.00097	0.00097	0.00000494	0.00692	0.00127	0.0499	0.0168	0.00000526	32.6	0.0000259	0.000409	0.000256	0.00133
2056 Jan	287	0.07	0.198	0.00386	59.5	0.0476	96.5	0.00097	0.00097	0.00000494	0.00692	0.00127	0.0498	0.0168	0.00000526	32.6	0.0000259	0.000409	0.000256	0.00133
2056 Feb	287	0.07	0.198	0.00386	59.5	0.0476	96.5	0.00097	0.00097	0.00000494	0.00692	0.00127	0.0498	0.0168	0.00000527	32.6	0.0000259	0.000409	0.000256	0.00133
2056 Mar	287	0.07	0.198	0.00386	59.5	0.0476	96.5	0.00097	0.00097	0.00000495	0.00692	0.00127	0.0498	0.0168	0.00000527	32.6	0.0000259	0.000409	0.000256	0.00133
2056 Apr	287	0.07	0.198	0.00386	59.5	0.0477	96.5	0.00097	0.00097	0.00000495	0.00692	0.00127	0.0499	0.0168	0.00000527	32.6	0.0000259	0.000409	0.000256	0.00133
2056 May	285	0.0701	0.196	0.00383	59	0.0473	95.3	0.000972	0.000972	0.00000495	0.00693	0.00128	0.0493	0.0172	0.00000527	32.7	0.0000259	0.00041	0.000262	0.00133
2056 Jun	272	0.0692	0.182	0.00362	55.8	0.0454	89.9	0.000968	0.000968	0.00000493	0.00685	0.00131	0.0467	0.0187	0.00000522	32.7	0.0000254	0.000411	0.000287	0.00132
2056 Jul	274	0.0694	0.183	0.00363	56	0.0459	91.1	0.000972	0.000972	0.00000495	0.00687	0.00132	0.0472	0.0188	0.00000525	32.9	0.0000256	0.000414	0.000288	0.00133
2056 Aug	277	0.0696	0.183	0.00364	56.1	0.0463	92.1	0.000974	0.000974	0.00000496	0.00689	0.00132	0.0477	0.0188	0.00000526	33.2	0.0000257	0.000416	0.000289	0.00134
2056 Sep	279	0.0699	0.184	0.00365	56.4	0.0467	93.4	0.000976	0.000976	0.00000497	0.00691	0.00133	0.0483	0.0188	0.00000527	33.5	0.0000258	0.000419	0.00029	0.00135
2056 Oct	281	0.0701	0.184	0.00366	56.4	0.0469	94.4	0.000974	0.000974	0.00000496	0.00692	0.00133	0.0487	0.0188	0.00000527	33.7	0.0000259	0.000421	0.00029	0.00135
2056 Nov	281	0.0702	0.184	0.00365	56.3	0.047	94.5	0.000974	0.000974	0.00000496	0.00692	0.00133	0.0487	0.0188	0.00000527	33.7	0.0000259	0.000421	0.00029	0.00135
2056 Dec	281	0.0703	0.184	0.00365	56.3	0.047	94.5	0.000974	0.000974	0.00000496	0.00692	0.00133	0.0488	0.0188	0.00000527	33.7	0.0000259	0.000421	0.00029	0.00135
2057 Jan	281	0.0703	0.184	0.00365	56.3	0.047	94.5	0.000974	0.000974	0.00000496	0.00692	0.00133	0.0488	0.0188	0.00000527	33.7	0.0000259	0.000421	0.00029	0.00135
2057 Feb	281	0.0703	0.184	0.00365	56.3	0.047	94.5	0.000974	0.000974	0.00000496	0.00692	0.00133	0.0488	0.0188	0.00000527	33.7	0.0000259	0.000421	0.00029	0.00135
2057 Mar	281	0.0703	0.184	0.00365	56.3	0.047	94.5	0.000974	0.000974	0.00000496	0.00692	0.00133	0.0488	0.0188	0.00000527	33.7	0.0000259	0.000421	0.00029	0.00135
2057 Apr	281	0.0703	0.184	0.00365	56.4	0.047	94.6	0.000974	0.000974	0.00000497	0.00693	0.00133	0.0488	0.0188	0.00000527	33.7	0.0000259	0.000422	0.00029	0.00135
2057 May	282	0.0704	0.184	0.00366	56.4	0.0471	94.7	0.000976	0.000976	0.00000497	0.00694	0.00134	0.0488	0.0189	0.00000528	33.8	0.0000259	0.000423	0.000291	0.00136
2057 Jun	266	0.0667	0.17	0.00345	52.6	0.0453	89.4	0.000972	0.000972	0.00000495	0.0069	0.00132	0.0465	0.0189	0.00000523	32.7	0.0000256	0.000412	0.000289	0.00132
2057 Jul	267	0.0664	0.17	0.00345	52.4	0.0455	90	0.000974	0.000974	0.00000496	0.00691	0.00132	0.0467	0.0188	0.00000524	32.7	0.0000256	0.000413	0.000288	0.00132
2057 Aug	270	0.0669	0.171	0.00347	52.8	0.046	91.4	0.00098	0.00098	0.00000499	0.00696	0.00133	0.0474	0.0189	0.00000528	33.1	0.0000259	0.000417	0.00029	0.00134
2057 Sep	274	0.0672	0.172	0.00349	53.2	0.0466	93.5	0.000981	0.000981	0.000005	0.00699	0.00134	0.0484	0.019	0.00000529	33.6	0.0000261	0.000422	0.000292	0.00135
2057 Oct	277	0.0675	0.173	0.0035	53.3	0.0471	95.2	0.00098	0.00098	0.00000499	0.007	0.00134	0.0491	0.019	0.00000529	33.9	0.0000263	0.000426	0.000292	0.00136
2057 Nov	277	0.0676	0.173	0.0035	53.3	0.0471	95.3	0.00098	0.00098	0.000005	0.007	0.00134	0.0492	0.019	0.0000053	33.9	0.0000263	0.000426	0.000292	0.00136
2057 Dec	277	0.0676	0.173	0.0035	53.3	0.0471	95.3	0.00098	0.00098	0.000005	0.007	0.00134	0.0492	0.019	0.0000053	33.9	0.0000263	0.000426	0.000292	0.00136
2058 Jan	277	0.0676	0.173	0.0035	53.3	0.0471	95.3	0.00098	0.00098	0.000005	0.00701	0.00134	0.0492	0.019	0.0000053	34	0.0000263	0.000426	0.000292	0.00136
2058 Feb	277	0.0676	0.173	0.0035	53.3	0.0471	95.3	0.00098	0.00098	0.000005	0.00701	0.00134	0.0492	0.019	0.0000053	34	0.0000263	0.000426	0.000292	0.00136
2058 Mar	277	0.0676	0.173	0.0035	53.3	0.0471	95.3	0.00098	0.00098	0.000005	0.00701	0.00134	0.0492	0.019	0.0000053	34	0.0000263	0.000426	0.000293	0.00136
2058 Apr	277	0.0677	0.173	0.0035	53.3	0.0472	95.3	0.000981	0.000981	0.000005	0.00701	0.00134	0.0492	0.019	0.0000053	34	0.0000263	0.000426	0.000293	0.00136
2058 May	276	0.0678	0.17	0.00345	52.8	0.0469	94.8	0.000981	0.000981	0.000005	0.00701	0.00136	0.0489	0.0195	0.0000053	34.3	0.0000263	0.00043	0.000302	0.00137
2058 Jun	266	0.067	0.155	0.00322	49.4	0.0458	93.1	0.00097	0.00097	0.00000494	0.00689	0.0014	0.048	0.0213	0.00000522	35.3	0.0000261	0.000441	0.000335	0.00139
2058 Jul	277	0.0675	0.158	0.00326	50.2	0.0476	99.9	0.00097	0.00097	0.00000494	0.00693	0.00143	0.0511	0.0213	0.00000524	36.7	0.0000267	0.000456	0.000339	0.00143
2058 Aug	281	0.0679	0.159	0.00328	50.5	0.0482	102	0.000973	0.000973	0.00000496	0.00697	0.00144	0.0519	0.0214	0.00000527	37.1	0.0000269	0.000461	0.000341	0.00144
2058 Sep	284	0.0682	0.16	0.00329	50.7	0.0487	104	0.000973	0.000973	0.00000496	0.00699	0.00144	0.0528	0.0214	0.00000527	37.6	0.0000271	0.000465	0.000342	0.00145
2058 Oct	286	0.0685	0.16	0.0033	50.8	0.0491	105	0.000972	0.000972	0.00000496	0.007	0.00145	0.0534	0.0214	0.00000527	37.8	0.0000272	0.000468	0.000342	0.00146
2058 Nov	287	0.0685	0.16	0.0033	50.8	0.0492	105	0.000972	0.000972	0.00000496	0.007	0.00145	0.0535	0.0214	0.00000527	37.9	0.0000272	0.000468	0.000342	0.00146
2058 Dec	287	0.0685	0.16	0.0033	50.8	0.0492	105	0.000972	0.000972	0.00000496	0.007	0.00145	0.0535	0.0214	0.00000527	37.9	0.0000272	0.000468	0.000342	0.00146
2059 Jan	287	0.0685	0.16	0.0033	50.8	0.0492	105	0.000972	0.000972	0.00000496	0.007	0.00145	0.0535	0.0214	0.00000527	37.9	0.0000272	0.000468	0.000342	0.00146
2059 Feb	287	0.0685	0.16	0.0033	50.8	0.0492	105	0.000972	0.000972	0.00000496	0.007	0.00145	0.0535	0.0214	0.00000527	37.9	0.0000272	0.000468	0.000342	0.00146
2059 Mar	287	0.0685	0.16	0.0033	50.8	0.0492	105	0.000972	0.000972	0.00000496	0.007	0.00145	0.0535	0.0214	0.00000527	37.9	0.0000272	0.000468	0.000342	0.00146
2059 Apr	287	0.0686	0.16	0.0033	50.8	0.0492	105	0.000972	0.000972	0.00000496	0.00701	0.00145	0.0535	0.0214	0.00000528	37.9	0.0000272	0.000469	0.000342	0.00146
2059 May	286	0.0687	0.16	0.00329	50.6	0.0491	105	0.000973	0.000973	0.00000497	0.00701	0.00145	0.0533	0.0216	0.00000528	38	0.0000272	0.00047	0.000345	0.00146
2059 Jun	283	0.0685	0.154	0.0032	49.4	0.0486	104	0.000972	0.000972	0.00000496	0.007	0.00148	0.0528	0.0223	0.00000527	38.4	0.0000272	0.000475	0.000359	0.00147
2059 Jul	286	0.069	0.156	0.00322	49.8	0.0492	106	0.000978	0.000978	0.00000499	0.00705	0.00149	0.0537	0.0225	0.0000053	38.8	0.0000275	0.00048	0.000362	0.00148
2059 Aug	289	0.0694	0.157	0.00324	50.2	0.0497	107	0.000983	0.000983	0.00000502	0.00709	0.0015	0.0543	0.0226	0.00000533	39.2	0.0000277	0.000484	0.000364	0.0015
2059 Sep	292	0.0698	0.157	0.00325	50.2	0.0501	108	0.000983	0.000983	0.00000502	0.00711	0.0015	0.0549	0.0226	0.00000534	39.5	0.0000278	0.000487	0.000365	0.0015
2059 Oct	290	0.0705	0.154	0.0032	49.5	0.0503	108	0.000978	0.000978	0.00000499	0.00712	0.0015	0.0547	0.0224	0.00000531	39.2	0.0000277	0.000483	0.000359	0.0015
2059 Nov	289	0.0707	0.153	0.00319	49.3	0.0503	108	0.000978	0.000978	0.00000499	0.00713	0.00149	0.0546	0.0223	0.00000531	39.2	0.0000276	0.000483	0.000358	0.0015
2059 Dec	289	0.0707	0.153	0.00319	49.3	0.0504	108	0.000978	0.000978	0.00000499	0.00713	0.00149	0.0546	0.0223	0.00000531	39.2	0.0000276	0.000483	0.000358	0.0015
2060 Jan	289	0.0707	0.153	0.00319	49.3	0.0504	108	0.000978	0.000978	0.00000499	0.00713	0.00149	0.0546	0.0223	0.00000531	39.2	0.0000276	0.000483	0.000358	0.0015
2060 Feb	289	0.0707	0.153	0.00319	49.3	0.0504	108	0.000978	0.000978	0.00000499	0.00713	0.00149	0.0546	0.0224	0.00000531	39.2	0.0000276	0.000483	0.000359	0.0015
2060 Mar	289	0.0708	0.153	0.00319	49.3	0.0504	108	0.000978	0.000978	0.00000499	0.00713	0.00149	0.0546	0.0224	0.00000531	39.2	0.0000276	0.000483	0.000359	0.0015
2060 Apr	289	0.0708	0.153	0.00319	49.3	0.0504	108	0.000979	0.000979	0.000005	0.00713	0.0015	0.0546	0.0224	0.00000531	39.2	0.0000276	0.000483	0.000359	0.0015
2060 May	287	0.0708	0.151	0.00316	48.9	0.05	107	0.000979	0.000979	0.000005	0.00713	0.0015	0.0541	0.0227	0.00000531	39.2	0.0000276	0.000484	0.000365	0.0015
2060 Jun	278	0.0694	0.143	0.00304	46.8	0.0487	103	0.000974	0.000974	0.00000497	0.00705	0.0015	0.0524	0.0232	0.00000527	38.8	0.0000272	0.00048	0.000373	0.00148
2060 Jul	281	0.0697	0.144	0.00306	47.1	0.0493	105	0.00098	0.00098	0.000005	0.0071	0.00151	0.0532	0.0233	0.0000053	39.3	0.0000275	0.000485	0.000375	0.0015

2060 Aug	283	0.0699	0.144	0.00306	47.1	0.0498	106	0.000982	0.000982	0.00000501	0.00711	0.00152	0.0537	0.0233	0.00000531	39.5	0.0000275	0.000487	0.000375	0.00151
2060 Sep	283	0.0695	0.141	0.00302	46.3	0.0502	106	0.000977	0.000977	0.00000499	0.00708	0.00151	0.0539	0.023	0.00000529	39.4	0.0000272	0.000485	0.000368	0.0015
2060 Oct	284	0.0696	0.141	0.00302	46.3	0.0506	107	0.000976	0.000976	0.00000498	0.00708	0.00151	0.0544	0.0229	0.00000529	39.5	0.0000272	0.000486	0.000367	0.00151
2060 Nov	283	0.0696	0.141	0.00301	46.2	0.0506	107	0.000976	0.000976	0.00000498	0.00707	0.00151	0.0543	0.0229	0.00000529	39.5	0.0000272	0.000485	0.000366	0.00151
2060 Dec	284	0.0697	0.141	0.00301	46.2	0.0506	107	0.000976	0.000976	0.00000498	0.00707	0.00151	0.0543	0.0229	0.00000529	39.5	0.0000272	0.000485	0.000366	0.00151
2061 Jan	284	0.0697	0.141	0.00301	46.2	0.0506	107	0.000976	0.000976	0.00000498	0.00707	0.00151	0.0543	0.0229	0.00000529	39.5	0.0000272	0.000485	0.000366	0.00151
2061 Feb	283	0.0697	0.141	0.00301	46.2	0.0506	107	0.000976	0.000976	0.00000498	0.00707	0.00151	0.0543	0.0229	0.00000529	39.5	0.0000272	0.000485	0.000367	0.00151
2061 Mar	283	0.0697	0.141	0.00301	46.2	0.0506	107	0.000976	0.000976	0.00000498	0.00707	0.00151	0.0543	0.0229	0.00000529	39.5	0.0000272	0.000485	0.000367	0.00151
2061 Apr	284	0.0697	0.141	0.00301	46.2	0.0506	107	0.000976	0.000976	0.00000498	0.00708	0.00151	0.0544	0.0229	0.00000529	39.5	0.0000272	0.000485	0.000367	0.00151
2061 May	279	0.0696	0.138	0.00296	45.5	0.0499	105	0.000977	0.000977	0.00000498	0.00706	0.00152	0.0533	0.0234	0.00000528	39.4	0.000027	0.000485	0.000375	0.0015
2061 Jun	270	0.068	0.129	0.00284	43.3	0.0486	102	0.000969	0.000969	0.00000494	0.00694	0.00151	0.0517	0.0239	0.00000523	39.1	0.0000266	0.000481	0.000384	0.00149
2061 Jul	275	0.0683	0.131	0.00286	43.7	0.0495	105	0.000973	0.000973	0.00000497	0.00699	0.00153	0.0532	0.024	0.00000526	39.8	0.000027	0.000489	0.000386	0.00151
2061 Aug	278	0.0687	0.131	0.00288	43.9	0.05	106	0.000978	0.000978	0.00000499	0.00703	0.00154	0.0538	0.0241	0.00000529	40.2	0.0000272	0.000493	0.000389	0.00152
2061 Sep	281	0.0689	0.132	0.00289	44.1	0.0505	108	0.000979	0.000979	0.000005	0.00705	0.00155	0.0547	0.0241	0.0000053	40.6	0.0000274	0.000497	0.00039	0.00154
2061 Oct	282	0.0693	0.131	0.00287	43.8	0.0508	109	0.000975	0.000975	0.00000498	0.00706	0.00154	0.0549	0.0239	0.00000528	40.6	0.0000273	0.000497	0.000387	0.00154
2061 Nov	280	0.0697	0.13	0.00286	43.5	0.0509	108	0.000974	0.000974	0.00000497	0.00707	0.00154	0.0547	0.0239	0.00000528	40.4	0.0000273	0.000495	0.000385	0.00153
2061 Dec	280	0.0697	0.13	0.00286	43.5	0.0509	108	0.000974	0.000974	0.00000497	0.00707	0.00154	0.0547	0.0239	0.00000528	40.4	0.0000273	0.000495	0.000385	0.00153
2062 Jan	280	0.0697	0.13	0.00286	43.5	0.0509	108	0.000974	0.000974	0.00000497	0.00707	0.00154	0.0547	0.0239	0.00000528	40.5	0.0000273	0.000495	0.000385	0.00153
2062 Feb	280	0.0697	0.13	0.00286	43.5	0.0509	108	0.000974	0.000974	0.00000497	0.00707	0.00154	0.0547	0.0239	0.00000528	40.5	0.0000273	0.000495	0.000385	0.00153
2062 Mar	280	0.0697	0.13	0.00286	43.5	0.0509	108	0.000974	0.000974	0.00000498	0.00707	0.00154	0.0547	0.0239	0.00000528	40.5	0.0000273	0.000495	0.000385	0.00153
2062 Apr	281	0.0698	0.13	0.00286	43.5	0.0509	108	0.000975	0.000975	0.00000498	0.00708	0.00154	0.0548	0.0239	0.00000528	40.5	0.0000273	0.000495	0.000385	0.00153
2062 May	281	0.0699	0.13	0.00286	43.6	0.051	108	0.000976	0.000976	0.00000498	0.00709	0.00154	0.0548	0.0239	0.00000529	40.5	0.0000273	0.000496	0.000386	0.00154
2062 Jun	268	0.0652	0.122	0.00274	40.9	0.0495	104	0.000972	0.000972	0.00000496	0.00708	0.00149	0.053	0.0227	0.00000525	38.8	0.0000271	0.000478	0.000363	0.00148
2062 Jul	261	0.0628	0.118	0.00269	39.5	0.0487	101	0.000972	0.000972	0.00000496	0.00706	0.00146	0.0518	0.0221	0.00000524	37.7	0.0000269	0.000467	0.000351	0.00145
2062 Aug	263	0.0628	0.118	0.00269	39.5	0.0491	102	0.000973	0.000973	0.00000496	0.00707	0.00147	0.0523	0.0221	0.00000525	37.9	0.0000269	0.000469	0.000351	0.00146
2062 Sep	265	0.063	0.117	0.00269	39.3	0.0494	103	0.000971	0.000971	0.00000495	0.00707	0.00147	0.0527	0.022	0.00000524	38	0.0000269	0.000469	0.000349	0.00146
2062 Oct	256	0.0644	0.112	0.00262	37.9	0.0494	100	0.000964	0.000964	0.00000492	0.00704	0.00143	0.0513	0.0214	0.00000519	36.9	0.0000262	0.000454	0.000334	0.00144
2062 Nov	256	0.0645	0.112	0.00262	37.8	0.0494	99.8	0.000965	0.000965	0.00000492	0.00704	0.00143	0.0512	0.0213	0.00000519	36.8	0.0000262	0.000453	0.000333	0.00144
2062 Dec	256	0.0645	0.112	0.00262	37.8	0.0494	99.9	0.000965	0.000965	0.00000492	0.00704	0.00143	0.0512	0.0213	0.00000519	36.8	0.0000262	0.000454	0.000333	0.00144
2063 Jan	256	0.0646	0.112	0.00262	37.8	0.0494	99.9	0.000965	0.000965	0.00000492	0.00704	0.00143	0.0512	0.0213	0.00000519	36.8	0.0000262	0.000454	0.000334	0.00144
2063 Feb	256	0.0646	0.112	0.00262	37.8	0.0494	99.9	0.000965	0.000965	0.00000492	0.00704	0.00143	0.0512	0.0214	0.00000519	36.8	0.0000262	0.000454	0.000334	0.00144
2063 Mar	256	0.0646	0.112	0.00262	37.8	0.0494	99.9	0.000965	0.000965	0.00000492	0.00705	0.00143	0.0512	0.0214	0.00000519	36.9	0.0000262	0.000454	0.000334	0.00144
2063 Apr	256	0.0646	0.112	0.00262	37.8	0.0494	99.9	0.000965	0.000965	0.00000492	0.00705	0.00143	0.0512	0.0214	0.0000052	36.9	0.0000262	0.000454	0.000334	0.00144
2063 May	254	0.0646	0.111	0.0026	37.7	0.0491	98.9	0.000966	0.000966	0.00000492	0.00704	0.00144	0.0507	0.0216	0.0000052	36.8	0.0000261	0.000454	0.000337	0.00144
2063 Jun	231	0.0609	0.0985	0.00242	34.4	0.0453	87.4	0.000959	0.000959	0.00000488	0.00687	0.0014	0.0454	0.022	0.00000512	34.7	0.0000251	0.000432	0.00034	0.00137
2063 Jul	232	0.0604	0.0983	0.00243	34.2	0.0456	88.6	0.000959	0.000959	0.00000488	0.00687	0.0014	0.0459	0.0218	0.00000512	34.8	0.0000252	0.000432	0.000338	0.00138
2063 Aug	235	0.0607	0.099	0.00244	34.4	0.046	89.8	0.000964	0.000964	0.0000049	0.00691	0.00141	0.0465	0.0219	0.00000515	35.1	0.0000254	0.000436	0.00034	0.00139
2063 Sep	237	0.0609	0.0989	0.00244	34.4	0.0466	91.4	0.000964	0.000964	0.00000491	0.00693	0.00141	0.0473	0.0219	0.00000516	35.4	0.0000254	0.000439	0.00034	0.0014
2063 Oct	239	0.0611	0.0988	0.00244	34.3	0.0469	92.5	0.000962	0.000962	0.0000049	0.00693	0.00141	0.0477	0.0218	0.00000515	35.6	0.0000255	0.000441	0.00034	0.0014
2063 Nov	239	0.0613	0.0985	0.00243	34.3	0.047	92.4	0.000962	0.000962	0.0000049	0.00694	0.00141	0.0477	0.0218	0.00000515	35.6	0.0000255	0.000441	0.000339	0.0014
2063 Dec	239	0.0613	0.0985	0.00243	34.3	0.047	92.5	0.000962	0.000962	0.0000049	0.00694	0.00141	0.0477	0.0218	0.00000515	35.6	0.0000255	0.000441	0.000339	0.0014
2064 Jan	239	0.0613	0.0985	0.00243	34.3	0.047	92.5	0.000962	0.000962	0.0000049	0.00694	0.00141	0.0478	0.0218	0.00000515	35.6	0.0000255	0.000441	0.000339	0.0014
2064 Feb	239	0.0613	0.0985	0.00243	34.3	0.047	92.5	0.000962	0.000962	0.0000049	0.00694	0.00142	0.0478	0.0218	0.00000515	35.6	0.0000255	0.000441	0.000339	0.0014
2064 Mar	239	0.0613	0.0985	0.00243	34.3	0.047	92.5	0.000962	0.000962	0.0000049	0.00694	0.00142	0.0478	0.0218	0.00000515	35.6	0.0000255	0.000441	0.000339	0.0014
2064 Apr	239	0.0613	0.0985	0.00243	34.3	0.047	92.5	0.000963	0.000963	0.0000049	0.00694	0.00142	0.0478	0.0218	0.00000515	35.6	0.0000255	0.000441	0.000339	0.0014
2064 May	236	0.0615	0.0967	0.0024	34	0.0465	90.8	0.000964	0.000964	0.0000049	0.00693	0.00143	0.047	0.0223	0.00000515	35.7	0.0000254	0.000442	0.000348	0.0014
2064 Jun	229	0.0612	0.0908	0.0023	32.8	0.045	87.9	0.000957	0.000957	0.00000487	0.00682	0.00145	0.0454	0.0236	0.0000051	36	0.0000251	0.000446	0.000371	0.0014
2064 Jul	236	0.0615	0.0918	0.00232	33	0.0462	91.9	0.000959	0.000959	0.00000488	0.00686	0.00147	0.0473	0.0237	0.00000513	36.9	0.0000256	0.000456	0.000374	0.00143
2064 Aug	238	0.0616	0.0921	0.00232	33.1	0.0466	93.4	0.000961	0.000961	0.00000489	0.00688	0.00148	0.0479	0.0237	0.00000514	37.2	0.0000257	0.000459	0.000375	0.00144
2064 Sep	242	0.0616	0.0918	0.00232	33	0.0476	96.2	0.000958	0.000958	0.00000488	0.00689	0.00148	0.0493	0.0235	0.00000514	37.7	0.0000258	0.000464	0.000373	0.00145
2064 Oct	245	0.0618	0.0922	0.00232	33.1	0.0481	98.2	0.000958	0.000958	0.00000488	0.0069	0.00149	0.0502	0.0235	0.00000514	38.1	0.0000259	0.000468	0.000374	0.00146
2064 Nov	246	0.0618	0.0923	0.00232	33.1	0.0482	98.5	0.000958	0.000958	0.00000488	0.00691	0.00149	0.0503	0.0235	0.00000515	38.2	0.000026	0.000469	0.000374	0.00147
2064 Dec	246	0.0618	0.0923	0.00232	33.1	0.0482	98.5	0.000958	0.000958	0.00000488	0.00691	0.00149	0.0503	0.0235	0.00000515	38.2	0.000026	0.000469	0.000374	0.00147
2065 Jan	246	0.0618	0.0923	0.00232	33.1	0.0482	98.5	0.000958	0.000958	0.00000488	0.00691	0.00149	0.0503	0.0235	0.00000515	38.2	0.000026	0.000469	0.000374	0.00147
2065 Feb	246	0.0618	0.0923	0.00232	33.1	0.0482	98.5	0.000958	0.000958	0.00000488	0.00691	0.00149	0.0503	0.0235	0.00000515	38.2	0.000026	0.000469	0.000374	0.00147
2065 Mar	246	0.0619	0.0923	0.00232	33.1	0.0482	98.5	0.000958	0.000958	0.00000488	0.00691	0.00149	0.0503	0.0235	0.00000515	38.2	0.000026	0.000469	0.000374	0.00147
2065 Apr	246	0.0619	0.0923	0.00233	33.1	0.0483	98.6	0.000959	0.000959	0.00000489	0.00691	0.00149	0.0504	0.0235	0.00000515	38.2	0.000026	0.000469	0.000374	0.00147
2065 May	246	0.062	0.0919	0.00232	33.1	0.0482	98.6	0.00096	0.00096	0.00000489	0.00692	0.0015	0.0504	0.0237	0.00000516	38.3	0.000026	0.000471	0.000377	0.00147
2065 Jun	240	0.0601	0.0881	0.00226	32	0.0473	96.5	0.000955	0.000955	0.00000487	0.00686	0.00148	0.0494	0.0236	0.00000512	37.8	0.0000258	0.000465	0.000375	0.00145
2065 Jul	244	0.0602	0.0887	0.00228	32.1	0.048	98.5	0.00096	0.00096	0.00000489	0.0069	0.00149	0.0503	0.0236	0.00000516	38.2	0.0000261	0.00047	0.000376	0.00147
2065 Aug	247	0.0605	0.0893	0.0023	32.3	0.0486	100	0.000964	0.000964	0.00000492	0.00694	0.0015	0.0512	0.0237	0.00000518	38.6	0.0000264	0.000475	0.000379	0.00148
2065 Sep	251	0.061	0.0888	0.00229	32.1	0.0493	103	0.000961	0.000961	0.0000049	0.00696	0.0015	0.0523	0.0235	0.00000517	39	0.0000265	0.000478	0.000376	0.00149
2065 Oct	248	0.0623	0.0865	0.00225	31.5	0.0498	102	0.000955	0.000955	0.00000487	0.00697	0.00149	0.0521	0.0231	0.00000514	38.7	0.0000262	0.000472	0.000367	0.00148
2065 Nov	248	0.0625	0.0862	0.00225	31.4	0.0498	102	0.000955	0.000955	0.00000487	0.00698	0.00148	0.052	0.023	0.00000514	38.6	0.0000261	0.000471	0.000365	0.00148
2065 Dec	247	0.0625	0.0861	0.00225	31.4	0.0498	102	0.000955	0.000955	0.00000487	0.00698	0.00148	0.052	0.023	0.00000514	38.6	0.0000261	0.000471	0.000365	0.00148
2066 Jan	248	0.0626	0.0861	0.00225	31.4	0.0498	102	0.000955	0.000955	0.00000487	0.00698	0.00148	0.052	0.023	0.00000514	38.6	0.0000261	0.000471	0.000365	0.00148
2066 Feb	248	0.0626	0.0861	0.00225	31.4	0.0498	102	0.000955	0.000955	0.00000487	0.00698	0.00148	0.052	0.023	0.00000514	38.6	0.0000261	0.000471	0.000365	0.00148
2066 Mar	248	0.0626	0.0861	0.00225	31.4	0.0499	102	0.000955	0.000955	0.00000487	0.00698	0.00148	0.052	0.023	0.00000514	38.6	0.0000261	0.000471	0.000365	0.00148
2066 Apr	248	0.0626	0.0862	0.00225	31.4	0.0499	102	0.000956	0.000956	0.00000487	0.00698	0.00148	0.0521	0.023	0.00000515	38.6	0.0000261	0.000471	0.000365	0.00148
2066 May	248	0.0627	0.0862	0.00225	31.4	0.0499	102	0.000957	0.000957	0.00000488	0.00699	0.00149	0.0521	0.0231	0.00000515	38.6	0.0000262	0.000472	0.000366	0.00149
2066 Jun	230	0.058	0.0792	0.00215	29.1	0.0471	93.6	0.000954	0.000954	0.00000486	0.00693	0.00143	0.0483	0.0221	0.00000511	36.1	0.0000256	0.000447	0.000346	0.00141
2066 Jul	232	0.0577	0.0794	0.00216	29.1	0.0476	95.1	0.00096	0.00096	0.00000489	0.00697	0.00143	0.049	0.0221	0.00000514	36.4	0.0000258	0.00045	0.000346	0.00142

2066 Aug	235	0.0579	0.0799	0.00218	29.3	0.0482	96.7	0.000964	0.000964	0.00000491	0.00701	0.00144	0.0498	0.0222	0.00000517	36.8	0.000026	0.000454	0.000347	0.00143
2066 Sep	238	0.0583	0.08	0.00218	29.3	0.0487	98.5	0.000964	0.000964	0.00000491	0.00703	0.00145	0.0506	0.0221	0.00000517	37.1	0.0000262	0.000458	0.000348	0.00144
2066 Oct	240	0.0587	0.0797	0.00217	29.2	0.0492	100	0.000961	0.000961	0.0000049	0.00704	0.00145	0.0512	0.022	0.00000516	37.4	0.0000263	0.00046	0.000346	0.00145
2066 Nov	240	0.0589	0.0795	0.00217	29.2	0.0493	100	0.000961	0.000961	0.0000049	0.00705	0.00145	0.0512	0.022	0.00000516	37.4	0.0000263	0.00046	0.000346	0.00145
2066 Dec	240	0.0589	0.0795	0.00217	29.2	0.0493	100	0.000961	0.000961	0.0000049	0.00705	0.00145	0.0513	0.022	0.00000516	37.4	0.0000263	0.00046	0.000346	0.00145
2067 Jan	240	0.0589	0.0795	0.00217	29.2	0.0493	100	0.000961	0.000961	0.0000049	0.00705	0.00145	0.0513	0.022	0.00000516	37.4	0.0000263	0.00046	0.000346	0.00145
2067 Feb	240	0.0589	0.0795	0.00217	29.2	0.0493	100	0.000961	0.000961	0.0000049	0.00705	0.00145	0.0513	0.022	0.00000516	37.4	0.0000263	0.00046	0.000346	0.00145
2067 Mar	240	0.0589	0.0795	0.00217	29.2	0.0493	100	0.000961	0.000961	0.0000049	0.00705	0.00145	0.0513	0.022	0.00000516	37.4	0.0000263	0.00046	0.000346	0.00145
2067 Apr	240	0.0589	0.0795	0.00217	29.2	0.0493	100	0.000961	0.000961	0.0000049	0.00705	0.00145	0.0513	0.022	0.00000516	37.4	0.0000263	0.00046	0.000346	0.00145
2067 May	240	0.0591	0.0792	0.00216	29.2	0.0492	99.6	0.000963	0.000963	0.00000491	0.00706	0.00146	0.0511	0.0222	0.00000517	37.4	0.0000263	0.000461	0.000349	0.00145
2067 Jun	235	0.0583	0.0764	0.00211	28.5	0.0481	96.9	0.00096	0.00096	0.00000489	0.00701	0.00146	0.0498	0.0226	0.00000514	37.1	0.0000261	0.000458	0.000355	0.00144
2067 Jul	238	0.0585	0.077	0.00213	28.6	0.0487	98.9	0.000965	0.000965	0.00000492	0.00706	0.00147	0.0507	0.0227	0.00000518	37.6	0.0000264	0.000464	0.000357	0.00146
2067 Aug	241	0.0584	0.077	0.00213	28.6	0.0493	101	0.000967	0.000967	0.00000493	0.00708	0.00148	0.0515	0.0226	0.00000519	38	0.0000265	0.000467	0.000357	0.00147
2067 Sep	244	0.0585	0.0771	0.00213	28.7	0.0499	102	0.000968	0.000968	0.00000493	0.0071	0.00148	0.0522	0.0226	0.0000052	38.3	0.0000266	0.00047	0.000358	0.00148
2067 Oct	245	0.0591	0.0764	0.00212	28.5	0.0502	103	0.000965	0.000965	0.00000492	0.0071	0.00148	0.0525	0.0225	0.00000519	38.3	0.0000266	0.00047	0.000355	0.00148
2067 Nov	244	0.0594	0.0761	0.00211	28.4	0.0502	103	0.000964	0.000964	0.00000492	0.00711	0.00148	0.0524	0.0225	0.00000519	38.3	0.0000265	0.000469	0.000354	0.00148
2067 Dec	244	0.0594	0.0761	0.00211	28.4	0.0502	103	0.000964	0.000964	0.00000492	0.00711	0.00148	0.0524	0.0225	0.00000519	38.3	0.0000265	0.000469	0.000354	0.00148
2068 Jan	244	0.0594	0.076	0.00211	28.4	0.0502	103	0.000965	0.000965	0.00000492	0.00711	0.00148	0.0524	0.0225	0.00000519	38.3	0.0000265	0.000469	0.000354	0.00148
2068 Feb	244	0.0594	0.076	0.00211	28.4	0.0502	103	0.000965	0.000965	0.00000492	0.00711	0.00148	0.0524	0.0225	0.00000519	38.3	0.0000265	0.000469	0.000354	0.00148
2068 Mar	244	0.0595	0.0761	0.00211	28.4	0.0502	103	0.000965	0.000965	0.00000492	0.00712	0.00148	0.0524	0.0225	0.00000519	38.3	0.0000265	0.000469	0.000354	0.00148
2068 Apr	244	0.0595	0.0761	0.00212	28.4	0.0503	103	0.000966	0.000966	0.00000492	0.00712	0.00148	0.0525	0.0225	0.00000519	38.3	0.0000266	0.00047	0.000354	0.00148
2068 May	242	0.0597	0.0754	0.0021	28.3	0.0499	101	0.000967	0.000967	0.00000493	0.00712	0.00149	0.0518	0.0228	0.00000519	38.3	0.0000265	0.00047	0.000359	0.00148
2068 Jun	227	0.0585	0.0703	0.00202	27.2	0.0468	92.9	0.000958	0.000958	0.00000488	0.00694	0.00148	0.0478	0.0237	0.00000512	37.1	0.0000257	0.000458	0.000374	0.00144
2068 Jul	232	0.0583	0.0706	0.00202	27.2	0.0477	96.2	0.000959	0.000959	0.00000489	0.00696	0.00149	0.0493	0.0237	0.00000514	37.8	0.0000259	0.000465	0.000375	0.00146
2068 Aug	235	0.0585	0.071	0.00204	27.3	0.0483	97.7	0.000964	0.000964	0.00000491	0.007	0.0015	0.0499	0.0238	0.00000517	38.2	0.0000261	0.000469	0.000377	0.00147
2068 Sep	238	0.0588	0.071	0.00203	27.3	0.0487	99.1	0.000964	0.000964	0.00000491	0.00702	0.00151	0.0506	0.0237	0.00000517	38.4	0.0000263	0.000472	0.000376	0.00148
2068 Oct	239	0.0591	0.0709	0.00203	27.3	0.0491	100	0.000964	0.000964	0.00000491	0.00703	0.00151	0.051	0.0237	0.00000517	38.6	0.0000263	0.000473	0.000376	0.00148
2068 Nov	239	0.0591	0.071	0.00203	27.3	0.0491	100	0.000964	0.000964	0.00000491	0.00704	0.00151	0.0511	0.0237	0.00000517	38.7	0.0000264	0.000474	0.000376	0.00149
2068 Dec	239	0.0591	0.071	0.00203	27.3	0.0491	100	0.000964	0.000964	0.00000491	0.00704	0.00151	0.0511	0.0237	0.00000517	38.7	0.0000264	0.000474	0.000376	0.00149
2069 Jan	239	0.0591	0.071	0.00203	27.3	0.0491	100	0.000964	0.000964	0.00000491	0.00704	0.00151	0.0511	0.0237	0.00000517	38.7	0.0000264	0.000474	0.000376	0.00149
2069 Feb	239	0.0591	0.071	0.00203	27.3	0.0491	100	0.000964	0.000964	0.00000491	0.00704	0.00151	0.0511	0.0237	0.00000517	38.7	0.0000264	0.000474	0.000376	0.00149
2069 Mar	239	0.0591	0.071	0.00203	27.3	0.0491	100	0.000964	0.000964	0.00000491	0.00704	0.00151	0.0511	0.0237	0.00000517	38.7	0.0000264	0.000474	0.000376	0.00149
2069 Apr	239	0.0591	0.071	0.00204	27.3	0.0491	100	0.000964	0.000964	0.00000492	0.00704	0.00151	0.0511	0.0237	0.00000518	38.7	0.0000264	0.000474	0.000377	0.00149
2069 May	240	0.0593	0.0711	0.00204	27.4	0.0492	100	0.000966	0.000966	0.00000493	0.00706	0.00151	0.0512	0.0238	0.00000519	38.8	0.0000264	0.000475	0.000377	0.00149
2069 Jun	229	0.0559	0.0671	0.00198	26	0.0475	95.3	0.000964	0.000964	0.00000491	0.00703	0.00147	0.049	0.0229	0.00000515	37.1	0.0000261	0.000458	0.00036	0.00144
2069 Jul	230	0.0555	0.0671	0.00199	25.9	0.0477	95.8	0.000968	0.000968	0.00000493	0.00706	0.00147	0.0493	0.0228	0.00000518	37.1	0.0000263	0.000459	0.000358	0.00144
2069 Aug	233	0.0557	0.0675	0.002	26	0.0482	97.4	0.00097	0.00097	0.00000494	0.00709	0.00148	0.05	0.0229	0.0000052	37.4	0.0000265	0.000463	0.00036	0.00145
2069 Sep	234	0.0563	0.0669	0.00199	25.8	0.0486	98.2	0.000967	0.000967	0.00000493	0.0071	0.00147	0.0503	0.0227	0.00000518	37.5	0.0000264	0.000462	0.000356	0.00145
2069 Oct	231	0.0577	0.0654	0.00197	25.4	0.0488	97.1	0.000963	0.000963	0.0000049	0.0071	0.00146	0.0499	0.0223	0.00000515	37	0.0000261	0.000455	0.000347	0.00144
2069 Nov	231	0.0578	0.0652	0.00196	25.4	0.0488	96.9	0.000962	0.000962	0.0000049	0.0071	0.00145	0.0498	0.0223	0.00000515	36.9	0.000026	0.000454	0.000347	0.00144
2069 Dec	231	0.0579	0.0652	0.00196	25.4	0.0488	96.9	0.000963	0.000963	0.0000049	0.0071	0.00145	0.0497	0.0223	0.00000515	36.9	0.000026	0.000454	0.000346	0.00144
2070 Jan	231	0.0579	0.0652	0.00196	25.4	0.0488	96.9	0.000963	0.000963	0.0000049	0.0071	0.00145	0.0497	0.0223	0.00000515	36.9	0.000026	0.000454	0.000346	0.00144
2070 Feb	231	0.0579	0.0652	0.00196	25.4	0.0488	96.8	0.000963	0.000963	0.0000049	0.0071	0.00145	0.0497	0.0223	0.00000515	36.9	0.000026	0.000454	0.000347	0.00144
2070 Mar	231	0.0579	0.0652	0.00196	25.4	0.0488	96.8	0.000963	0.000963	0.0000049	0.0071	0.00145	0.0497	0.0223	0.00000515	36.9	0.000026	0.000454	0.000347	0.00144
2070 Apr	231	0.0579	0.0652	0.00196	25.4	0.0488	96.9	0.000963	0.000963	0.00000491	0.00711	0.00146	0.0498	0.0223	0.00000516	36.9	0.000026	0.000454	0.000347	0.00144
2070 May	229	0.0581	0.0649	0.00196	25.4	0.0485	95.8	0.000965	0.000965	0.00000491	0.0071	0.00146	0.0493	0.0226	0.00000516	36.9	0.000026	0.000454	0.000351	0.00144
2070 Jun	222	0.0583	0.0628	0.00192	25.1	0.0468	90.9	0.000963	0.000963	0.0000049	0.00702	0.00147	0.0469	0.0234	0.00000513	36.5	0.0000256	0.000451	0.000365	0.00143
2070 Jul	224	0.0585	0.0632	0.00193	25.2	0.0472	92.2	0.000967	0.000967	0.00000492	0.00706	0.00148	0.0475	0.0235	0.00000516	36.8	0.0000258	0.000454	0.000367	0.00144
2070 Aug	227	0.0586	0.0634	0.00194	25.2	0.0477	93.4	0.00097	0.00097	0.00000494	0.00709	0.00149	0.048	0.0236	0.00000518	37.1	0.0000259	0.000457	0.000368	0.00145
2070 Sep	228	0.0592	0.0629	0.00193	25.1	0.0481	94.4	0.000968	0.000968	0.00000493	0.00711	0.00149	0.0485	0.0234	0.00000517	37.2	0.0000259	0.000458	0.000365	0.00145
2070 Oct	227	0.0598	0.0623	0.00192	24.9	0.0482	94.1	0.000966	0.000966	0.00000492	0.00711	0.00148	0.0483	0.0233	0.00000516	37	0.0000258	0.000455	0.000361	0.00145
2070 Nov	227	0.0599	0.0621	0.00192	24.9	0.0482	93.9	0.000966	0.000966	0.00000492	0.00711	0.00148	0.0483	0.0232	0.00000516	37	0.0000257	0.000454	0.00036	0.00145
2070 Dec	227	0.06	0.0621	0.00192	24.9	0.0483	93.9	0.000966	0.000966	0.00000492	0.00711	0.00148	0.0483	0.0232	0.00000516	37	0.0000257	0.000454	0.00036	0.00145
2071 Jan	227	0.06	0.0621	0.00192	24.9	0.0483	93.9	0.000966	0.000966	0.00000492	0.00711	0.00148	0.0483	0.0232	0.00000516	37	0.0000257	0.000454	0.00036	0.00145
2071 Feb	227	0.06	0.0621	0.00192	24.9	0.0483	93.9	0.000966	0.000966	0.00000492	0.00711	0.00148	0.0483	0.0232	0.00000516	37	0.0000257	0.000454	0.00036	0.00145
2071 Mar	227	0.06	0.0621	0.00192	24.9	0.0483	93.9	0.000966	0.000966	0.00000492	0.00711	0.00148	0.0483	0.0232	0.00000516	37	0.0000257	0.000454	0.000361	0.00145
2071 Apr	227	0.06	0.0621	0.00192	24.9	0.0483	93.9	0.000966	0.000966	0.00000492	0.00711	0.00148	0.0483	0.0232	0.00000516	37	0.0000257	0.000454	0.000361	0.00145
2071 May	226	0.06	0.0619	0.00191	24.9	0.048	93	0.000967	0.000967	0.00000492	0.0071	0.00148	0.0478	0.0234	0.00000516	36.9	0.0000257	0.000454	0.000363	0.00145
2071 Jun	217	0.0587	0.06	0.00188	24.3	0.0462	88.2	0.000962	0.000962	0.00000489	0.007	0.00146	0.0456	0.0235	0.00000512	36	0.0000252	0.000444	0.000365	0.00142
2071 Jul	218	0.0585	0.0602	0.00189	24.3	0.0464	88.6	0.000965	0.000965	0.00000491	0.00701	0.00146	0.0458	0.0235	0.00000513	36	0.0000253	0.000445	0.000364	0.00142
2071 Aug	220	0.0588	0.0605	0.0019	24.4	0.0467	89.5	0.000969	0.000969	0.00000493	0.00705	0.00147	0.0462	0.0236	0.00000516	36.2	0.0000254	0.000447	0.000366	0.00143
2071 Sep	222	0.059	0.0601	0.0019	24.3	0.047	90.3	0.000967	0.000967	0.00000492	0.00705	0.00147	0.0465	0.0235	0.00000515	36.3	0.0000254	0.000448	0.000364	0.00143
2071 Oct	222	0.0592	0.0599	0.00189	24.2	0.0471	90.4	0.000965	0.000965	0.00000491	0.00705	0.00147	0.0465	0.0234	0.00000514	36.3	0.0000254	0.000447	0.000362	0.00143
2071 Nov	222	0.0594	0.0597	0.00189	24.2	0.0471	90.2	0.000965	0.000965	0.00000491	0.00705	0.00147	0.0465	0.0233	0.00000514	36.2	0.0000253	0.000446	0.000361	0.00143
2071 Dec	222	0.0595	0.0597	0.00189	24.2	0.0471	90.2	0.000965	0.000965	0.00000491	0.00705	0.00147	0.0464	0.0233	0.00000514	36.2	0.0000253	0.000446	0.000361	0.00143
2072 Jan	221	0.0595	0.0597	0.00189	24.2	0.0471	90.2	0.000965	0.000965	0.00000491	0.00705	0.00147	0.0464	0.0233	0.00000514	36.2	0.0000253	0.000446	0.000361	0.00143
2072 Feb	221	0.0595	0.0597	0.00189	24.2	0.0471	90.1	0.000965	0.000965	0.00000491	0.00705	0.00147	0.0464	0.0233	0.00000514	36.2	0.0000253	0.000446	0.000361	0.00143
2072 Mar	221	0.0595	0.0597	0.00189	24.2	0.0471	90.1	0.000965	0.000965	0.00000491	0.00705	0.00147	0.0464	0.0233	0.00000514	36.2	0.0000253	0.000446	0.000361	0.00143
2072 Apr	222	0.0595	0.0597	0.00189	24.2	0.0471	90.2	0.000965	0.000965	0.00000491	0.00705	0.00147	0.0464	0.0234	0.00000514	36.2	0.0000253	0.000446	0.000361	0.00143
2072 May	222	0.0596	0.0598	0.00189	24.2	0.0472	90.3	0.000967	0.000967	0.00000492	0.00707	0.00147	0.0465	0.0234	0.00000515	36.3	0.0000254	0.000447	0.000362	0.00143
2072 Jun	215	0.0569	0.0577	0.00186	23.4	0.0462	87.6	0.000966	0.000966	0.00000491	0.00706	0.00144	0.0454	0.0226	0.00000514	35.1	0.0000253	0.000436	0.000347	0.0014
2072 Jul	215	0.0562	0.0573	0.00186	23.1	0.0462	87.2	0.000969	0.000969	0.00000493	0.00707	0.00143	0.0453	0.0224	0.00000515	34.9	0.0000253	0.000433	0.000344	0.00139

2072 Aug	213	0.0558	0.0561	0.00185	22.8	0.0465	86.3	0.000969	0.000969	0.00000493	0.00703	0.00142	0.045	0.0222	0.00000515	34.6	0.0000248	0.000429	0.000337	0.00138
2072 Sep	212	0.0558	0.0556	0.00184	22.7	0.0467	85.9	0.000968	0.000968	0.00000492	0.00701	0.00142	0.0448	0.022	0.00000514	34.3	0.0000245	0.000426	0.000332	0.00137
2072 Oct	210	0.0564	0.0552	0.00184	22.5	0.0467	85.1	0.000965	0.000965	0.00000491	0.00699	0.0014	0.0444	0.0217	0.00000512	34	0.0000243	0.000421	0.000327	0.00137
2072 Nov	210	0.0565	0.0551	0.00184	22.5	0.0467	85	0.000965	0.000965	0.0000049	0.00699	0.0014	0.0444	0.0217	0.00000512	33.9	0.0000243	0.00042	0.000326	0.00137
2072 Dec	210	0.0566	0.0551	0.00184	22.5	0.0467	85	0.000965	0.000965	0.0000049	0.00699	0.0014	0.0444	0.0217	0.00000512	33.9	0.0000243	0.00042	0.000326	0.00137
2073 Jan	210	0.0566	0.0551	0.00184	22.5	0.0467	85	0.000965	0.000965	0.0000049	0.00699	0.0014	0.0444	0.0217	0.00000512	33.9	0.0000243	0.00042	0.000326	0.00137
2073 Feb	210	0.0566	0.0551	0.00184	22.5	0.0467	85	0.000965	0.000965	0.0000049	0.00699	0.0014	0.0444	0.0217	0.00000512	33.9	0.0000243	0.00042	0.000326	0.00137
2073 Mar	210	0.0566	0.0551	0.00184	22.5	0.0467	85	0.000965	0.000965	0.0000049	0.00699	0.0014	0.0444	0.0217	0.00000512	33.9	0.0000243	0.00042	0.000326	0.00137
2073 Apr	210	0.0566	0.0551	0.00184	22.5	0.0468	85	0.000966	0.000966	0.00000491	0.007	0.0014	0.0444	0.0217	0.00000513	34	0.0000243	0.00042	0.000326	0.00137
2073 May	208	0.057	0.0545	0.00182	22.5	0.0462	83.5	0.000967	0.000967	0.00000491	0.00699	0.00142	0.0437	0.0223	0.00000513	34.1	0.0000242	0.000422	0.000336	0.00137
2073 Jun	205	0.0569	0.0534	0.0018	22.4	0.0454	82.6	0.000963	0.000963	0.00000489	0.00692	0.00143	0.0431	0.0231	0.0000051	34.5	0.0000242	0.000427	0.000352	0.00138
2073 Jul	209	0.0569	0.0538	0.00181	22.5	0.046	84.8	0.000965	0.000965	0.0000049	0.00695	0.00144	0.0442	0.0231	0.00000512	35	0.0000245	0.000432	0.000353	0.00139
2073 Aug	211	0.057	0.054	0.00182	22.6	0.0464	85.9	0.000969	0.000969	0.00000492	0.00697	0.00145	0.0446	0.0232	0.00000514	35.2	0.0000246	0.000435	0.000354	0.0014
2073 Sep	214	0.0572	0.054	0.00182	22.6	0.0468	87.2	0.000967	0.000967	0.00000492	0.00698	0.00145	0.0452	0.0231	0.00000514	35.4	0.0000247	0.000437	0.000354	0.00141
2073 Oct	214	0.0577	0.0536	0.00181	22.4	0.047	87.7	0.000965	0.000965	0.0000049	0.00699	0.00145	0.0454	0.023	0.00000513	35.4	0.0000246	0.000437	0.000351	0.00141
2073 Nov	214	0.0579	0.0534	0.0018	22.4	0.047	87.4	0.000964	0.000964	0.0000049	0.00699	0.00145	0.0453	0.0229	0.00000513	35.3	0.0000246	0.000436	0.00035	0.0014
2073 Dec	214	0.058	0.0534	0.0018	22.4	0.0471	87.5	0.000964	0.000964	0.0000049	0.00699	0.00145	0.0453	0.0229	0.00000513	35.4	0.0000246	0.000436	0.00035	0.0014
2074 Jan	214	0.058	0.0534	0.0018	22.4	0.0471	87.5	0.000964	0.000964	0.0000049	0.00699	0.00145	0.0454	0.0229	0.00000513	35.4	0.0000246	0.000436	0.00035	0.0014
2074 Feb	214	0.058	0.0534	0.0018	22.4	0.0471	87.5	0.000964	0.000964	0.0000049	0.00699	0.00145	0.0454	0.0229	0.00000513	35.4	0.0000246	0.000436	0.00035	0.0014
2074 Mar	214	0.058	0.0534	0.0018	22.4	0.0471	87.5	0.000964	0.000964	0.0000049	0.00699	0.00145	0.0454	0.0229	0.00000513	35.4	0.0000246	0.000436	0.00035	0.0014
2074 Apr	214	0.058	0.0534	0.00181	22.4	0.0471	87.6	0.000965	0.000965	0.00000491	0.007	0.00145	0.0454	0.0229	0.00000513	35.4	0.0000246	0.000436	0.00035	0.00141
2074 May	209	0.0584	0.0524	0.00178	22.4	0.046	84.5	0.000967	0.000967	0.00000491	0.00697	0.00147	0.044	0.0238	0.00000513	35.4	0.0000245	0.000437	0.000364	0.0014
2074 Jun	204	0.0584	0.0512	0.00175	22.4	0.0445	81.7	0.00096	0.00096	0.00000487	0.00686	0.00148	0.0425	0.0248	0.00000508	35.6	0.0000242	0.00044	0.000385	0.0014
2074 Jul	211	0.0586	0.0517	0.00176	22.5	0.0456	85.8	0.000963	0.000963	0.00000489	0.00691	0.0015	0.0444	0.025	0.00000511	36.5	0.0000247	0.000451	0.000389	0.00143
2074 Aug	214	0.0589	0.0521	0.00177	22.6	0.0461	87.2	0.000968	0.000968	0.00000492	0.00695	0.00151	0.045	0.0251	0.00000514	36.9	0.0000249	0.000455	0.000391	0.00144
2074 Sep	217	0.0593	0.0518	0.00177	22.6	0.0469	89.8	0.000965	0.000965	0.00000491	0.00697	0.00152	0.0462	0.025	0.00000514	37.4	0.0000251	0.000459	0.00039	0.00145
2074 Oct	220	0.0597	0.0515	0.00176	22.5	0.0475	91.6	0.000963	0.000963	0.0000049	0.00699	0.00152	0.047	0.0248	0.00000513	37.7	0.0000252	0.000462	0.000388	0.00146
2074 Nov	221	0.0598	0.0515	0.00176	22.5	0.0477	92.4	0.000962	0.000962	0.0000049	0.00699	0.00152	0.0474	0.0248	0.00000513	37.8	0.0000253	0.000464	0.000388	0.00147
2074 Dec	221	0.0598	0.0515	0.00176	22.5	0.0478	92.5	0.000962	0.000962	0.00000489	0.007	0.00152	0.0475	0.0248	0.00000513	37.9	0.0000253	0.000464	0.000388	0.00147
2075 Jan	221	0.0598	0.0515	0.00176	22.5	0.0478	92.5	0.000962	0.000962	0.00000489	0.007	0.00152	0.0475	0.0248	0.00000513	37.9	0.0000253	0.000464	0.000388	0.00147
2075 Feb	221	0.0598	0.0515	0.00176	22.5	0.0478	92.5	0.000962	0.000962	0.0000049	0.007	0.00152	0.0475	0.0248	0.00000513	37.9	0.0000253	0.000464	0.000388	0.00147
2075 Mar	221	0.0598	0.0515	0.00176	22.5	0.0478	92.5	0.000962	0.000962	0.0000049	0.007	0.00152	0.0475	0.0248	0.00000513	37.9	0.0000253	0.000464	0.000389	0.00147
2075 Apr	221	0.0599	0.0515	0.00176	22.5	0.0478	92.6	0.000963	0.000963	0.0000049	0.007	0.00152	0.0475	0.0248	0.00000513	37.9	0.0000253	0.000464	0.000389	0.00147
2075 May	223	0.0599	0.0516	0.00176	22.5	0.0481	93.5	0.000964	0.000964	0.0000049	0.00702	0.00153	0.0479	0.0249	0.00000514	38.1	0.0000254	0.000467	0.00039	0.00147
2075 Jun	214	0.0555	0.0492	0.00173	21.3	0.0469	90.8	0.00096	0.00096	0.00000488	0.007	0.00147	0.0469	0.0235	0.00000511	36.5	0.0000254	0.000451	0.000365	0.00142
2075 Jul	213	0.0542	0.0488	0.00173	21	0.0467	90.3	0.000962	0.000962	0.00000489	0.00702	0.00146	0.0467	0.0231	0.00000512	36.1	0.0000254	0.000447	0.000358	0.00141
2075 Aug	215	0.0544	0.0491	0.00174	21.1	0.047	91.4	0.000965	0.000965	0.00000491	0.00704	0.00147	0.0472	0.0231	0.00000514	36.4	0.0000256	0.00045	0.000359	0.00142
2075 Sep	217	0.0545	0.0492	0.00174	21.1	0.0473	92.4	0.000965	0.000965	0.00000491	0.00706	0.00147	0.0477	0.0231	0.00000515	36.6	0.0000257	0.000452	0.00036	0.00143
2075 Oct	218	0.0546	0.0491	0.00174	21.1	0.0475	93	0.000964	0.000964	0.00000491	0.00706	0.00147	0.0479	0.0231	0.00000514	36.7	0.0000257	0.000453	0.000359	0.00143
2075 Nov	218	0.0548	0.049	0.00174	21	0.0476	92.9	0.000965	0.000965	0.00000491	0.00707	0.00147	0.0479	0.0231	0.00000514	36.6	0.0000257	0.000453	0.000359	0.00143
2075 Dec	218	0.0549	0.0489	0.00174	21	0.0476	92.9	0.000965	0.000965	0.00000491	0.00707	0.00147	0.0479	0.0231	0.00000515	36.6	0.0000257	0.000453	0.000358	0.00143
2076 Jan	218	0.0549	0.0489	0.00173	21	0.0476	92.9	0.000965	0.000965	0.00000491	0.00707	0.00147	0.0479	0.0231	0.00000515	36.6	0.0000257	0.000453	0.000358	0.00143
2076 Feb	218	0.0549	0.0489	0.00173	21	0.0476	92.8	0.000965	0.000965	0.00000491	0.00707	0.00147	0.0479	0.0231	0.00000515	36.6	0.0000257	0.000453	0.000359	0.00143
2076 Mar	218	0.0549	0.0489	0.00174	21	0.0476	92.8	0.000965	0.000965	0.00000491	0.00707	0.00147	0.0479	0.0231	0.00000515	36.6	0.0000257	0.000453	0.000359	0.00143
2076 Apr	218	0.0549	0.049	0.00174	21	0.0476	92.9	0.000965	0.000965	0.00000491	0.00708	0.00147	0.0479	0.0231	0.00000515	36.7	0.0000257	0.000453	0.000359	0.00143
2076 May	217	0.0552	0.0488	0.00173	21.1	0.0473	92	0.000967	0.000967	0.00000492	0.00708	0.00148	0.0475	0.0234	0.00000515	36.7	0.0000257	0.000453	0.000363	0.00143
2076 Jun	210	0.0541	0.0476	0.00171	20.7	0.0456	87.5	0.000962	0.000962	0.00000489	0.007	0.00146	0.0453	0.0235	0.00000511	35.8	0.0000253	0.000445	0.000364	0.0014
2076 Jul	211	0.054	0.0479	0.00172	20.8	0.0458	87.9	0.000965	0.000965	0.0000049	0.00701	0.00146	0.0455	0.0234	0.00000513	35.8	0.0000254	0.000445	0.000363	0.00141
2076 Aug	213	0.0542	0.0481	0.00173	20.9	0.0462	88.9	0.000969	0.000969	0.00000493	0.00705	0.00147	0.046	0.0235	0.00000515	36.1	0.0000256	0.000448	0.000365	0.00142
2076 Sep	215	0.0544	0.0483	0.00173	20.9	0.0465	90.1	0.00097	0.00097	0.00000493	0.00707	0.00148	0.0465	0.0236	0.00000516	36.4	0.0000257	0.000451	0.000366	0.00142
2076 Oct	215	0.0548	0.0479	0.00172	20.8	0.0467	90.4	0.000968	0.000968	0.00000492	0.00707	0.00147	0.0467	0.0234	0.00000515	36.3	0.0000256	0.00045	0.000364	0.00142
2076 Nov	215	0.0551	0.0477	0.00172	20.7	0.0468	90.3	0.000967	0.000967	0.00000492	0.00708	0.00147	0.0466	0.0234	0.00000515	36.3	0.0000256	0.000449	0.000362	0.00142
2076 Dec	215	0.0551	0.0477	0.00172	20.7	0.0468	90.3	0.000967	0.000967	0.00000492	0.00708	0.00147	0.0466	0.0234	0.00000515	36.3	0.0000256	0.000449	0.000362	0.00142
2077 Jan	215	0.0551	0.0477	0.00172	20.7	0.0468	90.3	0.000967	0.000967	0.00000492	0.00708	0.00147	0.0466	0.0234	0.00000515	36.3	0.0000256	0.000449	0.000362	0.00142
2077 Feb	215	0.0551	0.0477	0.00172	20.7	0.0468	90.3	0.000967	0.000967	0.00000492	0.00708	0.00147	0.0466	0.0234	0.00000515	36.3	0.0000256	0.00045	0.000363	0.00142
2077 Mar	215	0.0551	0.0477	0.00172	20.7	0.0468	90.3	0.000967	0.000967	0.00000492	0.00708	0.00147	0.0466	0.0234	0.00000515	36.3	0.0000256	0.00045	0.000363	0.00142
2077 Apr	215	0.0552	0.0477	0.00172	20.7	0.0468	90.4	0.000968	0.000968	0.00000492	0.00708	0.00147	0.0466	0.0234	0.00000515	36.3	0.0000256	0.00045	0.000363	0.00142
2077 May	214	0.0554	0.0474	0.00171	20.8	0.0465	89.3	0.000969	0.000969	0.00000493	0.00708	0.00148	0.0461	0.0237	0.00000515	36.3	0.0000256	0.00045	0.000367	0.00142
2077 Jun	208	0.0553	0.0464	0.00168	20.7	0.0449	85.6	0.000964	0.000964	0.0000049	0.00699	0.00149	0.0443	0.0244	0.00000511	36.1	0.0000252	0.000448	0.00038	0.00141
2077 Jul	211	0.0554	0.0466	0.00169	20.8	0.0455	87.2	0.000968	0.000968	0.00000492	0.00703	0.0015	0.0451	0.0245	0.00000514	36.5	0.0000255	0.000453	0.000382	0.00142
2077 Aug	213	0.0557	0.0469	0.0017	20.9	0.0458	88.2	0.000972	0.000972	0.00000494	0.00707	0.00151	0.0456	0.0246	0.00000517	36.7	0.0000256	0.000456	0.000383	0.00143
2077 Sep	215	0.0561	0.0464	0.00169	20.7	0.0463	89.2	0.000968	0.000968	0.00000492	0.00707	0.0015	0.046	0.0244	0.00000515	36.8	0.0000256	0.000455	0.000379	0.00143
2077 Oct	215	0.0566	0.0462	0.00169	20.6	0.0465	89.6	0.000967	0.000967	0.00000492	0.00708	0.0015	0.0462	0.0243	0.00000514	36.8	0.0000256	0.000455	0.000377	0.00143
2077 Nov	215	0.0567	0.0461	0.00169	20.6	0.0466	89.5	0.000967	0.000967	0.00000492	0.00708	0.0015	0.0461	0.0242	0.00000515	36.8	0.0000255	0.000455	0.000377	0.00143
2077 Dec	215	0.0567	0.0461	0.00169	20.6	0.0466	89.5	0.000968	0.000968	0.00000492	0.00708	0.0015	0.0461	0.0242	0.00000515	36.8	0.0000255	0.000455	0.000377	0.00143
2078 Jan	215	0.0568	0.0461	0.00169	20.6	0.0466	89.5	0.000968	0.000968	0.00000492	0.00708	0.0015	0.0461	0.0242	0.00000515	36.8	0.0000255	0.000455	0.000377	0.00143
2078 Feb	215	0.0568	0.0461	0.00169	20.6	0.0466	89.5	0.000968	0.000968	0.00000492	0.00708	0.0015	0.0461	0.0242	0.00000515	36.8	0.0000255	0.000455	0.000377	0.00143
2078 Mar	215	0.0568	0.0461	0.00169	20.6	0.0466	89.5	0.000968	0.000968	0.00000492	0.00708	0.0015	0.0461	0.0243	0.00000515	36.8	0.0000255	0.000455	0.000377	0.00143
2078 Apr	215	0.0568	0.0461	0.00169	20.6	0.0466	89.6	0.000968	0.000968	0.00000492	0.00709	0.0015	0.0462	0.0243	0.00000515	36.8	0.0000256	0.000455	0.000377	0.00144
2078 May	210	0.0572	0.0456	0.00167	20.7	0.0455	86.2	0.000969	0.000969	0.00000492	0.00705	0.00151	0.0446	0.025	0.00000514	36.6	0.0000253	0.000454	0.000388	0.00143
2078 Jun	207	0.0572	0.0455	0.00167	20.8	0.0445	84	0.000963	0.000963	0.00000489	0.00695	0.00151	0.0435	0.0255	0.0000051	36.5	0.000025	0.000453	0.000398	0.00142
2078 Jul	210	0.0574	0.0458	0.00168	20.9	0.0451	86.1	0.000968	0.000968	0.00000492	0.007	0.00153	0.0444	0.0256	0.00000513	37	0.0000253	0.000459	0.000401	0.00144

2078 Aug	213	0.0575	0.046	0.00168	21	0.0456	87.5	0.00097	0.00097	0.00000493	0.00702	0.00153	0.045	0.0256	0.00000515	37.3	0.0000255	0.000462	0.000402	0.00145
2078 Sep	216	0.0576	0.0461	0.00168	21	0.0461	89.3	0.00097	0.00097	0.00000493	0.00704	0.00154	0.0459	0.0256	0.00000516	37.7	0.0000256	0.000466	0.000403	0.00146
2078 Oct	218	0.0579	0.0459	0.00168	20.9	0.0464	90.4	0.000968	0.000968	0.00000492	0.00704	0.00154	0.0464	0.0255	0.00000515	37.9	0.0000257	0.000467	0.000401	0.00146
2078 Nov	217	0.058	0.0458	0.00168	20.9	0.0465	90.3	0.000968	0.000968	0.00000492	0.00705	0.00154	0.0463	0.0255	0.00000515	37.9	0.0000257	0.000467	0.000401	0.00146
2078 Dec	217	0.0581	0.0458	0.00168	20.9	0.0465	90.3	0.000968	0.000968	0.00000492	0.00705	0.00154	0.0463	0.0255	0.00000515	37.9	0.0000257	0.000467	0.000401	0.00146
2079 Jan	217	0.0581	0.0458	0.00168	20.9	0.0465	90.4	0.000968	0.000968	0.00000492	0.00705	0.00154	0.0463	0.0255	0.00000515	37.9	0.0000257	0.000467	0.000401	0.00146
2079 Feb	217	0.0581	0.0458	0.00168	20.9	0.0465	90.4	0.000968	0.000968	0.00000492	0.00705	0.00154	0.0464	0.0255	0.00000515	37.9	0.0000257	0.000467	0.000401	0.00146
2079 Mar	217	0.0581	0.0458	0.00168	20.9	0.0465	90.4	0.000968	0.000968	0.00000492	0.00705	0.00154	0.0464	0.0255	0.00000515	37.9	0.0000257	0.000467	0.000401	0.00146
2079 Apr	218	0.0581	0.0458	0.00168	20.9	0.0465	90.4	0.000969	0.000969	0.00000493	0.00706	0.00154	0.0464	0.0255	0.00000515	37.9	0.0000257	0.000467	0.000401	0.00146
2079 May	218	0.0582	0.0459	0.00168	21	0.0466	90.5	0.00097	0.00097	0.00000494	0.00707	0.00154	0.0464	0.0256	0.00000516	38	0.0000257	0.000468	0.000402	0.00147
2079 Jun	206	0.0543	0.0436	0.00164	19.9	0.0446	84.9	0.000965	0.000965	0.0000049	0.00702	0.00149	0.044	0.0244	0.00000512	35.9	0.0000254	0.000448	0.00038	0.0014
2079 Jul	207	0.0536	0.0437	0.00165	19.8	0.0447	85.5	0.000966	0.000966	0.00000491	0.00702	0.00148	0.0443	0.0242	0.00000512	35.8	0.0000254	0.000446	0.000376	0.0014
2079 Aug	209	0.0537	0.0439	0.00166	19.8	0.0451	86.6	0.000969	0.000969	0.00000493	0.00705	0.00149	0.0448	0.0242	0.00000514	36.1	0.0000256	0.000449	0.000377	0.00141
2079 Sep	211	0.0542	0.0437	0.00166	19.7	0.0456	87.8	0.000967	0.000967	0.00000492	0.00706	0.00149	0.0453	0.0241	0.00000514	36.3	0.0000256	0.000451	0.000375	0.00142
2079 Oct	212	0.0545	0.0436	0.00166	19.7	0.0458	88.2	0.000966	0.000966	0.00000491	0.00706	0.00149	0.0455	0.024	0.00000513	36.3	0.0000256	0.00045	0.000373	0.00142
2079 Nov	211	0.0548	0.0435	0.00165	19.7	0.0458	87.8	0.000965	0.000965	0.00000491	0.00706	0.00148	0.0453	0.0239	0.00000513	36.1	0.0000255	0.000448	0.000371	0.00141
2079 Dec	210	0.055	0.0434	0.00165	19.6	0.0458	87.4	0.000965	0.000965	0.00000491	0.00707	0.00148	0.0452	0.0239	0.00000513	36	0.0000254	0.000447	0.000369	0.00141
2080 Jan	210	0.0551	0.0434	0.00165	19.6	0.0458	87.4	0.000965	0.000965	0.00000491	0.00707	0.00148	0.0451	0.0239	0.00000513	36	0.0000254	0.000447	0.000369	0.00141
2080 Feb	210	0.0551	0.0434	0.00165	19.7	0.0458	87.3	0.000965	0.000965	0.00000491	0.00707	0.00148	0.0451	0.0239	0.00000513	36	0.0000254	0.000447	0.00037	0.00141
2080 Mar	210	0.0551	0.0434	0.00165	19.7	0.0458	87.3	0.000965	0.000965	0.00000491	0.00707	0.00148	0.0451	0.0239	0.00000513	36	0.0000254	0.000447	0.00037	0.00141
2080 Apr	210	0.0551	0.0434	0.00165	19.7	0.0458	87.4	0.000965	0.000965	0.00000491	0.00707	0.00148	0.0451	0.0239	0.00000513	36	0.0000254	0.000447	0.00037	0.00141
2080 May	210	0.0552	0.0435	0.00166	19.7	0.0459	87.5	0.000967	0.000967	0.00000492	0.00708	0.00148	0.0452	0.0239	0.00000514	36.1	0.0000255	0.000448	0.000371	0.00142
2080 Jun	206	0.0529	0.0425	0.00164	19.1	0.0452	85.8	0.000965	0.000965	0.0000049	0.00707	0.00145	0.0445	0.0231	0.00000512	35.1	0.0000254	0.000438	0.000356	0.00139
2080 Jul	204	0.0519	0.0424	0.00165	18.9	0.0449	84.8	0.000966	0.000966	0.00000491	0.00706	0.00144	0.0441	0.0228	0.00000512	34.6	0.0000253	0.000433	0.00035	0.00137
2080 Aug	206	0.0518	0.0424	0.00165	18.9	0.0451	85.4	0.000968	0.000968	0.00000492	0.00707	0.00144	0.0443	0.0228	0.00000514	34.7	0.0000254	0.000434	0.00035	0.00138
2080 Sep	207	0.052	0.0423	0.00165	18.9	0.0454	86.1	0.000967	0.000967	0.00000492	0.00708	0.00144	0.0446	0.0227	0.00000513	34.8	0.0000254	0.000434	0.000348	0.00138
2080 Oct	208	0.0523	0.0423	0.00165	18.9	0.0457	86.6	0.000966	0.000966	0.00000491	0.00708	0.00144	0.0449	0.0226	0.00000513	34.9	0.0000254	0.000434	0.000347	0.00138
2080 Nov	208	0.0524	0.0424	0.00165	18.8	0.0457	86.6	0.000966	0.000966	0.00000491	0.00707	0.00144	0.0449	0.0226	0.00000513	34.8	0.0000253	0.000434	0.000346	0.00138
2080 Dec	208	0.0525	0.0423	0.00165	18.8	0.0457	86.6	0.000966	0.000966	0.00000491	0.00707	0.00144	0.0449	0.0226	0.00000513	34.8	0.0000253	0.000433	0.000346	0.00138
2081 Jan	208	0.0525	0.0423	0.00165	18.8	0.0457	86.6	0.000966	0.000966	0.00000491	0.00707	0.00144	0.0449	0.0226	0.00000513	34.8	0.0000253	0.000433	0.000346	0.00138
2081 Feb	208	0.0525	0.0423	0.00165	18.8	0.0457	86.6	0.000966	0.000966	0.00000491	0.00707	0.00144	0.0449	0.0226	0.00000513	34.8	0.0000253	0.000434	0.000346	0.00138
2081 Mar	208	0.0525	0.0423	0.00165	18.9	0.0457	86.6	0.000966	0.000966	0.00000491	0.00708	0.00144	0.0449	0.0226	0.00000513	34.8	0.0000253	0.000434	0.000346	0.00138
2081 Apr	208	0.0525	0.0423	0.00165	18.9	0.0457	86.6	0.000966	0.000966	0.00000491	0.00708	0.00144	0.0449	0.0226	0.00000513	34.9	0.0000253	0.000434	0.000346	0.00138
2081 May	205	0.053	0.0421	0.00165	19	0.045	84.4	0.000968	0.000968	0.00000492	0.00706	0.00145	0.0439	0.0231	0.00000513	34.8	0.0000252	0.000434	0.000354	0.00138
2081 Jun	202	0.0529	0.0421	0.00164	19	0.0443	82.7	0.000965	0.000965	0.0000049	0.007	0.00145	0.043	0.0234	0.00000511	34.6	0.000025	0.000432	0.00036	0.00137
2081 Jul	204	0.0531	0.0424	0.00165	19.2	0.0447	83.8	0.00097	0.00097	0.00000493	0.00705	0.00146	0.0435	0.0235	0.00000514	34.9	0.0000252	0.000436	0.000362	0.00139
2081 Aug	206	0.0534	0.0427	0.00167	19.3	0.0451	84.8	0.000976	0.000976	0.00000496	0.00709	0.00147	0.044	0.0237	0.00000517	35.2	0.0000254	0.000439	0.000364	0.0014
2081 Sep	209	0.0536	0.0427	0.00167	19.2	0.0455	86	0.000975	0.000975	0.00000496	0.0071	0.00147	0.0445	0.0236	0.00000517	35.5	0.0000255	0.000441	0.000364	0.0014
2081 Oct	210	0.0537	0.0427	0.00167	19.2	0.0457	86.8	0.000975	0.000975	0.00000495	0.00711	0.00147	0.0449	0.0236	0.00000517	35.6	0.0000255	0.000443	0.000364	0.00141
2081 Nov	210	0.054	0.0425	0.00166	19.2	0.0458	86.8	0.000973	0.000973	0.00000495	0.00711	0.00147	0.0449	0.0235	0.00000517	35.6	0.0000255	0.000442	0.000363	0.00141
2081 Dec	210	0.0541	0.0424	0.00166	19.2	0.0458	86.7	0.000973	0.000973	0.00000495	0.00711	0.00147	0.0448	0.0235	0.00000516	35.5	0.0000255	0.000442	0.000362	0.00141
2082 Jan	210	0.0541	0.0424	0.00166	19.2	0.0458	86.6	0.000973	0.000973	0.00000495	0.00712	0.00147	0.0448	0.0235	0.00000516	35.5	0.0000255	0.000442	0.000362	0.00141
2082 Feb	210	0.0541	0.0424	0.00166	19.2	0.0458	86.6	0.000973	0.000973	0.00000495	0.00712	0.00147	0.0448	0.0235	0.00000516	35.5	0.0000255	0.000442	0.000362	0.00141
2082 Mar	210	0.0542	0.0424	0.00166	19.2	0.0458	86.6	0.000973	0.000973	0.00000495	0.00712	0.00147	0.0448	0.0236	0.00000516	35.5	0.0000255	0.000442	0.000363	0.00141
2082 Apr	210	0.0542	0.0424	0.00166	19.2	0.0458	86.6	0.000974	0.000974	0.00000495	0.00712	0.00147	0.0448	0.0236	0.00000517	35.6	0.0000255	0.000442	0.000363	0.00141
2082 May	210	0.0543	0.0425	0.00166	19.2	0.0458	86.8	0.000975	0.000975	0.00000496	0.00713	0.00147	0.0449	0.0236	0.00000518	35.6	0.0000255	0.000443	0.000363	0.00141
2082 Jun	202	0.05	0.0403	0.00162	18.1	0.0447	84.3	0.000969	0.000969	0.00000492	0.00711	0.00142	0.0439	0.0222	0.00000513	34.1	0.0000255	0.000428	0.000339	0.00136
2082 Jul	199	0.0481	0.0399	0.00162	17.7	0.0441	82.8	0.000967	0.000967	0.00000491	0.00709	0.00139	0.0433	0.0216	0.00000512	33.3	0.0000254	0.00042	0.000327	0.00133
2082 Aug	200	0.0483	0.0401	0.00163	17.8	0.0444	83.5	0.000971	0.000971	0.00000493	0.00712	0.0014	0.0437	0.0216	0.00000514	33.5	0.0000255	0.000422	0.000329	0.00134
2082 Sep	202	0.0484	0.0402	0.00164	17.8	0.0446	84.1	0.000972	0.000972	0.00000494	0.00713	0.0014	0.0439	0.0216	0.00000515	33.6	0.0000256	0.000423	0.000329	0.00135
2082 Oct	201	0.0494	0.0395	0.00162	17.6	0.0448	83.7	0.000969	0.000969	0.00000492	0.00714	0.0014	0.0437	0.0215	0.00000513	33.4	0.0000254	0.00042	0.000325	0.00134
2082 Nov	201	0.0497	0.0394	0.00162	17.6	0.0448	83.5	0.000969	0.000969	0.00000492	0.00715	0.0014	0.0437	0.0215	0.00000513	33.4	0.0000254	0.00042	0.000324	0.00134
2082 Dec	201	0.0498	0.0394	0.00162	17.6	0.0449	83.6	0.000969	0.000969	0.00000492	0.00715	0.0014	0.0437	0.0215	0.00000513	33.4	0.0000254	0.00042	0.000324	0.00134
2083 Jan	201	0.0498	0.0394	0.00162	17.6	0.0449	83.6	0.000969	0.000969	0.00000492	0.00715	0.0014	0.0437	0.0215	0.00000513	33.4	0.0000254	0.00042	0.000324	0.00134
2083 Feb	201	0.0498	0.0394	0.00162	17.6	0.0449	83.6	0.000969	0.000969	0.00000492	0.00715	0.0014	0.0437	0.0215	0.00000513	33.4	0.0000254	0.00042	0.000324	0.00134
2083 Mar	201	0.0498	0.0394	0.00162	17.6	0.0449	83.6	0.000969	0.000969	0.00000492	0.00715	0.0014	0.0437	0.0215	0.00000513	33.4	0.0000254	0.00042	0.000324	0.00134
2083 Apr	201	0.0498	0.0394	0.00162	17.6	0.0449	83.6	0.00097	0.00097	0.00000492	0.00715	0.0014	0.0437	0.0215	0.00000514	33.4	0.0000254	0.00042	0.000324	0.00134
2083 May	200	0.0503	0.0393	0.00161	17.8	0.0446	82.8	0.000971	0.000971	0.00000493	0.00715	0.00141	0.0433	0.0219	0.00000514	33.6	0.0000254	0.000422	0.000332	0.00135
2083 Jun	197	0.0504	0.0393	0.0016	18	0.0437	81.3	0.000964	0.000964	0.0000049	0.00705	0.00142	0.0425	0.0226	0.0000051	33.8	0.0000252	0.000425	0.000346	0.00135
2083 Jul	201	0.0502	0.0396	0.00161	18	0.0444	83.8	0.000966	0.000966	0.00000491	0.00707	0.00143	0.0437	0.0226	0.00000512	34.3	0.0000254	0.00043	0.000346	0.00136
2083 Aug	202	0.0499	0.0394	0.00161	17.9	0.0448	84.6	0.000968	0.000968	0.00000492	0.00707	0.00143	0.044	0.0225	0.00000513	34.4	0.0000253	0.00043	0.000345	0.00137
2083 Sep	204	0.0503	0.0393	0.00161	17.9	0.0453	85.9	0.000966	0.000966	0.00000491	0.00708	0.00143	0.0446	0.0224	0.00000513	34.6	0.0000254	0.000431	0.000343	0.00137
2083 Oct	204	0.051	0.0392	0.00161	17.8	0.0455	86	0.000963	0.000963	0.00000489	0.00707	0.00142	0.0446	0.0222	0.00000511	34.4	0.0000252	0.000429	0.000339	0.00137
2083 Nov	204	0.0513	0.0392	0.00161	17.8	0.0455	85.8	0.000962	0.000962	0.00000489	0.00707	0.00142	0.0445	0.0221	0.0000051	34.3	0.0000252	0.000427	0.000338	0.00137
2083 Dec	204	0.0513	0.0392	0.00161	17.8	0.0455	85.8	0.000962	0.000962	0.00000489	0.00707	0.00142	0.0445	0.0221	0.00000511	34.3	0.0000252	0.000427	0.000337	0.00137
2084 Jan	204	0.0513	0.0392	0.00161	17.8	0.0455	85.8	0.000962	0.000962	0.00000489	0.00707	0.00142	0.0445	0.0221	0.00000511	34.3	0.0000252	0.000427	0.000338	0.00137
2084 Feb	204	0.0513	0.0392	0.00161	17.8	0.0455	85.7	0.000962	0.000962	0.00000489	0.00707	0.00142	0.0445	0.0221	0.00000511	34.3	0.0000252	0.000427	0.000338	0.00137
2084 Mar	204	0.0513	0.0392	0.00161	17.8	0.0455	85.8	0.000962	0.000962	0.00000489	0.00707	0.00142	0.0445	0.0222	0.00000511	34.3	0.0000252	0.000427	0.000338	0.00137
2084 Apr	204	0.0514	0.0392	0.00161	17.8	0.0456	85.8	0.000963	0.000963	0.00000489	0.00707	0.00142	0.0445	0.0222	0.00000511	34.4	0.0000252	0.000428	0.000338	0.00137
2084 May	201	0.0519	0.0391	0.00161	18	0.045	84	0.000965	0.000965	0.0000049	0.00706	0.00143	0.0437	0.0227	0.00000511	34.4	0.0000251	0.000429	0.000347	0.00137
2084 Jun	198	0.0522	0.0394	0.0016	18.2	0.0438	81.3	0.000959	0.000959	0.00000487	0.00696	0.00144	0.0423	0.0234	0.00000507	34.3	0.0000248	0.000428	0.000359	0.00136
2084 Jul	201	0.0523	0.0396	0.00161	18.3	0.0443	83	0.000962	0.000962	0.00000489	0.007	0.00145	0.0431	0.0234	0.0000051	34.7	0.000025	0.000432	0.000361	0.00138

2084 Aug	203	0.0525	0.0398	0.00162	18.4	0.0447	84	0.000966	0.000966	0.0000049	0.00702	0.00146	0.0435	0.0235	0.00000512	34.9	0.0000251	0.000435	0.000362	0.00139
2084 Sep	205	0.0526	0.0398	0.00162	18.3	0.045	85.4	0.000964	0.000964	0.0000049	0.00703	0.00146	0.0441	0.0235	0.00000512	35.2	0.0000252	0.000437	0.000362	0.00139
2084 Oct	206	0.053	0.0396	0.00161	18.3	0.0453	86.1	0.000962	0.000962	0.00000489	0.00703	0.00146	0.0445	0.0234	0.00000511	35.3	0.0000252	0.000438	0.00036	0.00139
2084 Nov	206	0.0533	0.0394	0.00161	18.2	0.0454	85.8	0.000962	0.000962	0.00000489	0.00704	0.00146	0.0444	0.0233	0.0000051	35.2	0.0000252	0.000437	0.000359	0.00139
2084 Dec	206	0.0533	0.0394	0.00161	18.2	0.0454	85.8	0.000962	0.000962	0.00000489	0.00704	0.00146	0.0444	0.0233	0.0000051	35.2	0.0000252	0.000437	0.000359	0.00139
2085 Jan	206	0.0533	0.0394	0.00161	18.2	0.0454	85.9	0.000962	0.000962	0.00000489	0.00704	0.00146	0.0444	0.0233	0.0000051	35.2	0.0000252	0.000437	0.000359	0.00139
2085 Feb	206	0.0533	0.0394	0.00161	18.2	0.0454	85.9	0.000962	0.000962	0.00000489	0.00704	0.00146	0.0444	0.0233	0.0000051	35.2	0.0000252	0.000437	0.000359	0.00139
2085 Mar	206	0.0534	0.0394	0.00161	18.2	0.0454	85.9	0.000962	0.000962	0.00000489	0.00704	0.00146	0.0444	0.0233	0.0000051	35.2	0.0000252	0.000437	0.000359	0.00139
2085 Apr	206	0.0534	0.0394	0.00161	18.2	0.0454	85.9	0.000962	0.000962	0.00000489	0.00704	0.00146	0.0444	0.0233	0.00000511	35.2	0.0000252	0.000437	0.000359	0.00139
2085 May	205	0.0537	0.0394	0.00161	18.3	0.0451	84.9	0.000963	0.000963	0.00000489	0.00704	0.00146	0.0439	0.0236	0.00000511	35.2	0.0000251	0.000437	0.000364	0.00139
2085 Jun	205	0.0539	0.0396	0.00161	18.5	0.0449	85	0.000961	0.000961	0.00000488	0.00701	0.00147	0.0439	0.024	0.0000051	35.5	0.0000251	0.000441	0.000372	0.0014
2085 Jul	208	0.0541	0.0398	0.00161	18.6	0.0454	86.6	0.000966	0.000966	0.00000491	0.00704	0.00149	0.0446	0.0241	0.00000512	35.9	0.0000254	0.000445	0.000374	0.00141
2085 Aug	211	0.0541	0.0399	0.00162	18.6	0.0459	88.3	0.000966	0.000966	0.00000491	0.00706	0.00149	0.0454	0.0241	0.00000513	36.2	0.0000255	0.000449	0.000374	0.00142
2085 Sep	214	0.0544	0.0397	0.00161	18.5	0.0466	90.4	0.000963	0.000963	0.0000049	0.00706	0.00149	0.0463	0.0239	0.00000512	36.6	0.0000256	0.000451	0.000372	0.00143
2085 Oct	215	0.0547	0.0398	0.00162	18.4	0.0468	90.9	0.00096	0.00096	0.00000489	0.00706	0.00149	0.0466	0.0237	0.00000511	36.5	0.0000255	0.00045	0.000369	0.00143
2085 Nov	214	0.0551	0.0398	0.00162	18.4	0.0468	90.5	0.00096	0.00096	0.00000488	0.00705	0.00148	0.0464	0.0236	0.00000511	36.4	0.0000254	0.000448	0.000366	0.00143
2085 Dec	214	0.0551	0.0397	0.00162	18.4	0.0469	90.5	0.00096	0.00096	0.00000488	0.00706	0.00148	0.0464	0.0236	0.00000511	36.4	0.0000254	0.000448	0.000366	0.00143
2086 Jan	214	0.0551	0.0397	0.00162	18.4	0.0469	90.5	0.00096	0.00096	0.00000488	0.00706	0.00148	0.0464	0.0236	0.00000511	36.4	0.0000254	0.000448	0.000366	0.00143
2086 Feb	214	0.0551	0.0397	0.00162	18.4	0.0469	90.5	0.00096	0.00096	0.00000488	0.00706	0.00148	0.0464	0.0236	0.00000511	36.4	0.0000254	0.000448	0.000366	0.00143
2086 Mar	214	0.0551	0.0397	0.00162	18.4	0.0469	90.5	0.00096	0.00096	0.00000488	0.00706	0.00148	0.0464	0.0236	0.00000511	36.4	0.0000254	0.000448	0.000367	0.00143
2086 Apr	214	0.0552	0.0398	0.00162	18.4	0.0469	90.5	0.00096	0.00096	0.00000488	0.00706	0.00148	0.0464	0.0237	0.00000511	36.4	0.0000254	0.000448	0.000367	0.00143
2086 May	214	0.0553	0.0398	0.00162	18.5	0.0468	90.3	0.000962	0.000962	0.00000489	0.00707	0.00149	0.0463	0.0238	0.00000512	36.5	0.0000255	0.000449	0.000369	0.00143
2086 Jun	205	0.0537	0.039	0.0016	18.2	0.0451	85.6	0.000958	0.000958	0.00000487	0.007	0.00147	0.0442	0.0238	0.00000508	35.5	0.0000251	0.00044	0.000368	0.0014
2086 Jul	206	0.0532	0.0392	0.00161	18.2	0.0454	86.7	0.000961	0.000961	0.00000488	0.00702	0.00147	0.0447	0.0236	0.0000051	35.6	0.0000253	0.000441	0.000365	0.0014
2086 Aug	209	0.0531	0.0392	0.00161	18.2	0.0459	88.1	0.000963	0.000963	0.0000049	0.00704	0.00147	0.0453	0.0236	0.00000512	35.8	0.0000254	0.000444	0.000365	0.00141
2086 Sep	211	0.0531	0.0389	0.00161	18.1	0.0465	89.6	0.000961	0.000961	0.00000489	0.00703	0.00147	0.046	0.0234	0.00000511	36	0.0000254	0.000446	0.000363	0.00142
2086 Oct	213	0.0533	0.0388	0.0016	18	0.0468	90.6	0.00096	0.00096	0.00000488	0.00704	0.00148	0.0465	0.0234	0.00000511	36.2	0.0000254	0.000448	0.000363	0.00142
2086 Nov	213	0.0533	0.0388	0.0016	18	0.0468	90.7	0.000961	0.000961	0.00000489	0.00705	0.00148	0.0466	0.0234	0.00000511	36.3	0.0000255	0.000448	0.000363	0.00142
2086 Dec	213	0.0533	0.0388	0.0016	18	0.0468	90.7	0.000961	0.000961	0.00000489	0.00705	0.00148	0.0466	0.0234	0.00000512	36.3	0.0000255	0.000448	0.000363	0.00142
2087 Jan	213	0.0533	0.0388	0.0016	18	0.0468	90.7	0.000961	0.000961	0.00000489	0.00705	0.00148	0.0466	0.0234	0.00000512	36.3	0.0000255	0.000448	0.000363	0.00142
2087 Feb	213	0.0534	0.0388	0.0016	18	0.0468	90.7	0.000961	0.000961	0.00000489	0.00705	0.00148	0.0466	0.0234	0.00000512	36.3	0.0000255	0.000448	0.000363	0.00142
2087 Mar	213	0.0534	0.0388	0.0016	18	0.0468	90.8	0.000961	0.000961	0.00000489	0.00705	0.00148	0.0466	0.0234	0.00000512	36.3	0.0000255	0.000448	0.000363	0.00142
2087 Apr	213	0.0534	0.0388	0.0016	18.1	0.0468	90.8	0.000961	0.000961	0.00000489	0.00705	0.00148	0.0466	0.0234	0.00000512	36.3	0.0000255	0.000448	0.000363	0.00142
2087 May	211	0.0537	0.0387	0.0016	18.1	0.0464	89.3	0.000962	0.000962	0.00000489	0.00704	0.00148	0.0459	0.0237	0.00000512	36.2	0.0000254	0.000448	0.000368	0.00142
2087 Jun	205	0.0543	0.0386	0.00158	18.4	0.0448	85.2	0.00096	0.00096	0.00000488	0.00697	0.0015	0.0439	0.0247	0.00000509	36.1	0.0000251	0.000447	0.000384	0.00141
2087 Jul	208	0.0544	0.0388	0.00159	18.5	0.0453	86.6	0.000963	0.000963	0.0000049	0.007	0.00151	0.0445	0.0247	0.00000511	36.4	0.0000252	0.000451	0.000385	0.00142
2087 Aug	210	0.0546	0.0389	0.0016	18.5	0.0457	87.6	0.000967	0.000967	0.00000492	0.00704	0.00152	0.045	0.0248	0.00000514	36.7	0.0000254	0.000454	0.000387	0.00143
2087 Sep	213	0.0548	0.039	0.0016	18.6	0.0461	89.1	0.000968	0.000968	0.00000492	0.00706	0.00152	0.0457	0.0249	0.00000515	37	0.0000256	0.000457	0.000388	0.00144
2087 Oct	214	0.0549	0.039	0.0016	18.5	0.0464	90.1	0.000967	0.000967	0.00000492	0.00706	0.00152	0.0461	0.0248	0.00000514	37.2	0.0000256	0.000459	0.000388	0.00145
2087 Nov	214	0.055	0.0389	0.0016	18.5	0.0464	90.1	0.000967	0.000967	0.00000492	0.00706	0.00152	0.0461	0.0248	0.00000514	37.2	0.0000256	0.000459	0.000387	0.00145
2087 Dec	214	0.055	0.0389	0.0016	18.5	0.0464	90.1	0.000967	0.000967	0.00000492	0.00706	0.00152	0.0462	0.0248	0.00000514	37.2	0.0000256	0.000459	0.000387	0.00145
2088 Jan	214	0.055	0.0389	0.0016	18.5	0.0464	90.1	0.000967	0.000967	0.00000492	0.00706	0.00152	0.0462	0.0248	0.00000514	37.2	0.0000256	0.000459	0.000387	0.00145
2088 Feb	214	0.055	0.0389	0.0016	18.5	0.0464	90.1	0.000967	0.000967	0.00000492	0.00706	0.00152	0.0462	0.0248	0.00000514	37.2	0.0000256	0.000459	0.000387	0.00145
2088 Mar	214	0.055	0.0389	0.0016	18.5	0.0464	90.1	0.000967	0.000967	0.00000492	0.00707	0.00152	0.0462	0.0248	0.00000514	37.2	0.0000256	0.000459	0.000387	0.00145
2088 Apr	215	0.0551	0.0389	0.0016	18.5	0.0465	90.2	0.000968	0.000968	0.00000492	0.00707	0.00152	0.0462	0.0248	0.00000515	37.2	0.0000256	0.000459	0.000388	0.00145
2088 May	215	0.0552	0.039	0.0016	18.6	0.0466	90.5	0.00097	0.00097	0.00000493	0.00709	0.00153	0.0463	0.0249	0.00000516	37.3	0.0000257	0.00046	0.000389	0.00145
2088 Jun	210	0.0525	0.0376	0.00158	17.9	0.0457	88.2	0.000968	0.000968	0.00000492	0.00709	0.00149	0.0454	0.024	0.00000514	36.2	0.0000257	0.00045	0.000373	0.00142
2088 Jul	210	0.0521	0.0376	0.00158	17.8	0.0457	88.2	0.000972	0.000972	0.00000494	0.00713	0.00149	0.0455	0.0239	0.00000516	36.1	0.0000258	0.000449	0.00037	0.00141
2088 Aug	212	0.0524	0.0379	0.00159	17.9	0.0462	89.3	0.000978	0.000978	0.00000497	0.00718	0.0015	0.046	0.024	0.0000052	36.5	0.0000026	0.000453	0.000373	0.00143
2088 Sep	214	0.0525	0.038	0.0016	17.9	0.0465	90.6	0.000979	0.000979	0.00000498	0.0072	0.00151	0.0466	0.0241	0.00000521	36.7	0.0000262	0.000456	0.000374	0.00143
2088 Oct	214	0.0531	0.0376	0.00159	17.8	0.0467	90.6	0.000975	0.000975	0.00000496	0.0072	0.0015	0.0466	0.0239	0.00000519	36.6	0.0000026	0.000454	0.00037	0.00143
2088 Nov	213	0.0535	0.0373	0.00158	17.8	0.0467	90.1	0.000975	0.000975	0.00000496	0.0072	0.0015	0.0464	0.0238	0.00000518	36.5	0.0000026	0.000453	0.000368	0.00143
2088 Dec	213	0.0536	0.0373	0.00158	17.8	0.0467	90.2	0.000975	0.000975	0.00000496	0.0072	0.0015	0.0464	0.0238	0.00000518	36.5	0.0000026	0.000453	0.000368	0.00143
2089 Jan	213	0.0536	0.0373	0.00158	17.8	0.0467	90.2	0.000975	0.000975	0.00000496	0.0072	0.0015	0.0464	0.0238	0.00000518	36.5	0.0000026	0.000453	0.000368	0.00143
2089 Feb	213	0.0536	0.0373	0.00158	17.8	0.0467	90.1	0.000975	0.000975	0.00000496	0.0072	0.0015	0.0464	0.0238	0.00000518	36.5	0.0000026	0.000453	0.000368	0.00143
2089 Mar	213	0.0536	0.0373	0.00158	17.8	0.0467	90.2	0.000975	0.000975	0.00000496	0.0072	0.0015	0.0464	0.0238	0.00000518	36.5	0.0000026	0.000453	0.000368	0.00143
2089 Apr	214	0.0536	0.0374	0.00158	17.8	0.0468	90.2	0.000976	0.000976	0.00000496	0.00721	0.0015	0.0464	0.0238	0.00000519	36.5	0.0000026	0.000453	0.000368	0.00143
2089 May	211	0.054	0.0372	0.00158	17.9	0.0462	88.5	0.000977	0.000977	0.00000497	0.0072	0.00151	0.0456	0.0243	0.00000519	36.5	0.0000259	0.000453	0.000375	0.00143
2089 Jun	208	0.0546	0.0371	0.00156	18.1	0.0451	85.7	0.000976	0.000976	0.00000496	0.00715	0.00152	0.0442	0.025	0.00000517	36.5	0.0000257	0.000454	0.000388	0.00142
2089 Jul	211	0.0547	0.0372	0.00157	18.2	0.0457	87.3	0.000979	0.000979	0.00000497	0.00718	0.00153	0.045	0.0251	0.00000519	36.8	0.0000259	0.000458	0.00039	0.00144
2089 Aug	212	0.0545	0.0371	0.00157	18.1	0.0462	88.5	0.000982	0.000982	0.00000499	0.0072	0.00154	0.0456	0.0251	0.00000521	37.1	0.0000259	0.00046	0.000389	0.00145
2089 Sep	216	0.0547	0.0371	0.00157	18.1	0.0468	90.5	0.000982	0.000982	0.00000499	0.00721	0.00155	0.0465	0.0251	0.00000522	37.5	0.0000261	0.000464	0.00039	0.00146
2089 Oct	216	0.0556	0.0366	0.00156	18	0.0472	90.9	0.000977	0.000977	0.00000497	0.00722	0.00154	0.0467	0.0248	0.00000519	37.4	0.000026	0.000461	0.000384	0.00145
2089 Nov	215	0.0558	0.0365	0.00156	18	0.0472	90.6	0.000977	0.000977	0.00000497	0.00722	0.00153	0.0465	0.0247	0.00000519	37.3	0.0000259	0.00046	0.000382	0.00145
2089 Dec	215	0.0559	0.0365	0.00156	18	0.0472	90.7	0.000977	0.000977	0.00000497	0.00722	0.00154	0.0466	0.0247	0.00000519	37.3	0.0000259	0.00046	0.000382	0.00145
2090 Jan	215	0.0559	0.0365	0.00156	18	0.0472	90.7	0.000977	0.000977	0.00000497	0.00722	0.00154	0.0466	0.0247	0.00000519	37.3	0.0000259	0.00046	0.000382	0.00145
2090 Feb	215	0.0559	0.0365	0.00156	18	0.0472	90.7	0.000977	0.000977	0.00000497	0.00722	0.00154	0.0466	0.0247	0.00000519	37.3	0.0000259	0.00046	0.000382	0.00145
2090 Mar	215	0.0559	0.0365	0.00156	18	0.0472	90.7	0.000977	0.000977	0.00000497	0.00723	0.00154	0.0466	0.0247	0.0000052	37.3	0.0000259	0.000461	0.000383	0.00145
2090 Apr	215	0.0559	0.0365	0.00156	18	0.0472	90.7	0.000978	0.000978	0.00000497	0.00723	0.00154	0.0466	0.0247	0.0000052	37.3	0.0000259	0.000461	0.000383	0.00145
2090 May	216	0.056	0.0366	0.00156	18	0.0473	90.9	0.000979	0.000979	0.00000498	0.00724	0.00154	0.0467	0.0248	0.0000052	37.4	0.000026	0.000462	0.000384	0.00146
2090 Jun	208	0.0547	0.0362	0.00154	17.9	0.0457	87.6	0.000971	0.000971	0.00000494	0.00714	0.00153	0.0452	0.025	0.00000516	36.9	0.0000257	0.000458	0.000389	0.00143
2090 Jul	213	0.0546	0.0364	0.00155	17.9	0.0466	90.9	0.000973	0.000973	0.00000495	0.00717	0.00154	0.0467	0.025	0.00000518	37.6	0.0000261	0.000465	0.00039	0.00145

2090 Aug	213	0.0541	0.0359	0.00154	17.8	0.0472	91.1	0.000971	0.000971	0.00000494	0.00712	0.00153	0.0469	0.0246	0.00000516	37.4	0.0000257	0.000461	0.000382	0.00145
2090 Sep	214	0.0548	0.0358	0.00154	17.7	0.0477	91.9	0.000968	0.000968	0.00000492	0.00713	0.00152	0.0473	0.0243	0.00000516	37.3	0.0000256	0.00046	0.000377	0.00145
2090 Oct	212	0.0559	0.0358	0.00155	17.6	0.0479	91.3	0.000965	0.000965	0.00000491	0.00712	0.00151	0.047	0.024	0.00000514	36.9	0.0000253	0.000454	0.000369	0.00144
2090 Nov	211	0.0561	0.0358	0.00155	17.6	0.0478	90.7	0.000963	0.000963	0.0000049	0.00711	0.0015	0.0467	0.0238	0.00000513	36.7	0.0000252	0.000451	0.000366	0.00144
2090 Dec	211	0.0562	0.0358	0.00155	17.6	0.0478	90.7	0.000964	0.000964	0.0000049	0.00712	0.0015	0.0467	0.0238	0.00000513	36.7	0.0000252	0.000451	0.000366	0.00144
2091 Jan	211	0.0562	0.0358	0.00155	17.6	0.0478	90.7	0.000964	0.000964	0.0000049	0.00712	0.0015	0.0467	0.0238	0.00000513	36.7	0.0000252	0.000451	0.000366	0.00144
2091 Feb	211	0.0562	0.0358	0.00155	17.6	0.0478	90.7	0.000964	0.000964	0.0000049	0.00712	0.0015	0.0467	0.0239	0.00000513	36.7	0.0000252	0.000451	0.000367	0.00144
2091 Mar	211	0.0562	0.0358	0.00155	17.6	0.0478	90.7	0.000964	0.000964	0.0000049	0.00712	0.0015	0.0467	0.0239	0.00000513	36.7	0.0000252	0.000452	0.000367	0.00144
2091 Apr	211	0.0562	0.0358	0.00155	17.6	0.0479	90.8	0.000964	0.000964	0.00000491	0.00712	0.0015	0.0468	0.0239	0.00000513	36.7	0.0000252	0.000452	0.000367	0.00144
2091 May	211	0.0565	0.0359	0.00155	17.7	0.0477	90.2	0.000966	0.000966	0.00000491	0.00713	0.00151	0.0465	0.0241	0.00000514	36.8	0.0000252	0.000453	0.00037	0.00144
2091 Jun	203	0.0563	0.0357	0.00154	17.9	0.0459	85.3	0.000964	0.000964	0.0000049	0.00706	0.00151	0.0442	0.0248	0.00000511	36.3	0.0000249	0.000448	0.000381	0.00142
2091 Jul	206	0.0565	0.036	0.00155	17.9	0.0464	86.7	0.00097	0.00097	0.00000493	0.0071	0.00152	0.0449	0.0249	0.00000514	36.6	0.0000252	0.000453	0.000383	0.00143
2091 Aug	208	0.0564	0.0358	0.00154	17.9	0.0468	87.9	0.000969	0.000969	0.00000493	0.0071	0.00152	0.0454	0.0248	0.00000515	36.8	0.0000251	0.000454	0.000381	0.00144
2091 Sep	210	0.0563	0.0355	0.00154	17.8	0.0474	89.4	0.000968	0.000968	0.00000492	0.00709	0.00152	0.0462	0.0246	0.00000514	37	0.0000251	0.000456	0.000379	0.00144
2091 Oct	210	0.0566	0.0356	0.00154	17.7	0.0476	89.8	0.000965	0.000965	0.00000491	0.00708	0.00152	0.0463	0.0244	0.00000513	36.9	0.000025	0.000454	0.000375	0.00144
2091 Nov	208	0.0572	0.0355	0.00154	17.7	0.0476	88.7	0.000964	0.000964	0.0000049	0.00708	0.00151	0.0458	0.0242	0.00000512	36.6	0.0000248	0.00045	0.000371	0.00143
2091 Dec	208	0.0572	0.0355	0.00154	17.7	0.0476	88.7	0.000964	0.000964	0.0000049	0.00708	0.00151	0.0458	0.0242	0.00000512	36.6	0.0000248	0.000449	0.00037	0.00143
2092 Jan	208	0.0572	0.0355	0.00154	17.7	0.0476	88.7	0.000964	0.000964	0.0000049	0.00708	0.00151	0.0458	0.0242	0.00000512	36.6	0.0000248	0.00045	0.00037	0.00143
2092 Feb	208	0.0573	0.0355	0.00154	17.7	0.0476	88.7	0.000964	0.000964	0.0000049	0.00708	0.00151	0.0458	0.0242	0.00000512	36.6	0.0000248	0.00045	0.000371	0.00143
2092 Mar	208	0.0573	0.0355	0.00154	17.7	0.0476	88.7	0.000964	0.000964	0.0000049	0.00708	0.00151	0.0458	0.0242	0.00000512	36.6	0.0000248	0.00045	0.000371	0.00143
2092 Apr	208	0.0573	0.0355	0.00154	17.7	0.0476	88.8	0.000965	0.000965	0.0000049	0.00709	0.00151	0.0459	0.0242	0.00000513	36.6	0.0000248	0.00045	0.000371	0.00143
2092 May	208	0.0575	0.0356	0.00154	17.8	0.0474	88.1	0.000966	0.000966	0.00000491	0.00709	0.00151	0.0455	0.0245	0.00000513	36.7	0.0000248	0.000451	0.000375	0.00144
2092 Jun	199	0.0562	0.0357	0.00153	17.9	0.0452	83.4	0.000958	0.000958	0.00000487	0.00697	0.0015	0.0433	0.0248	0.00000507	35.9	0.0000245	0.000444	0.000382	0.00141
2092 Jul	204	0.0556	0.0359	0.00154	17.8	0.046	86.5	0.000957	0.000957	0.00000486	0.00698	0.00151	0.0447	0.0246	0.00000508	36.4	0.0000248	0.000449	0.000381	0.00142
2092 Aug	207	0.0558	0.0361	0.00155	17.8	0.0466	88.2	0.000961	0.000961	0.00000489	0.00702	0.00152	0.0455	0.0247	0.00000511	36.8	0.000025	0.000454	0.000383	0.00143
2092 Sep	212	0.0558	0.036	0.00155	17.8	0.0474	91.3	0.000959	0.000959	0.00000488	0.00703	0.00153	0.0469	0.0247	0.00000511	37.4	0.0000252	0.00046	0.000383	0.00145
2092 Oct	214	0.0559	0.0359	0.00154	17.8	0.0479	93.1	0.000958	0.000958	0.00000487	0.00704	0.00153	0.0477	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000383	0.00146
2092 Nov	214	0.056	0.0359	0.00154	17.8	0.048	93.2	0.000958	0.000958	0.00000487	0.00705	0.00153	0.0478	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000383	0.00146
2092 Dec	214	0.056	0.0359	0.00154	17.8	0.048	93.2	0.000958	0.000958	0.00000487	0.00705	0.00153	0.0478	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000383	0.00146
2093 Jan	214	0.056	0.0359	0.00154	17.8	0.048	93.2	0.000958	0.000958	0.00000487	0.00705	0.00153	0.0478	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000383	0.00146
2093 Feb	214	0.056	0.0359	0.00154	17.8	0.048	93.2	0.000958	0.000958	0.00000487	0.00705	0.00153	0.0478	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000383	0.00146
2093 Mar	214	0.0561	0.0359	0.00154	17.8	0.048	93.3	0.000958	0.000958	0.00000487	0.00705	0.00153	0.0478	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000383	0.00146
2093 Apr	215	0.0561	0.0359	0.00154	17.8	0.048	93.3	0.000959	0.000959	0.00000488	0.00705	0.00153	0.0478	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000383	0.00146
2093 May	214	0.0563	0.0359	0.00154	17.9	0.0479	92.8	0.00096	0.00096	0.00000489	0.00706	0.00154	0.0476	0.0248	0.00000512	37.9	0.0000254	0.000465	0.000387	0.00146
2093 Jun	209	0.056	0.0359	0.00153	18	0.0465	89.7	0.000957	0.000957	0.00000486	0.00699	0.00154	0.0461	0.0253	0.00000509	37.6	0.0000252	0.000463	0.000396	0.00145
2093 Jul	212	0.0561	0.0362	0.00154	18	0.0471	91.6	0.00096	0.00096	0.00000488	0.00703	0.00155	0.0469	0.0254	0.00000511	38	0.0000255	0.000468	0.000397	0.00146
2093 Aug	215	0.0563	0.0363	0.00155	18.1	0.0476	93	0.000963	0.000963	0.0000049	0.00706	0.00156	0.0476	0.0255	0.00000514	38.4	0.0000256	0.000471	0.000399	0.00147
2093 Sep	218	0.0564	0.0363	0.00155	18.1	0.0481	94.9	0.000963	0.000963	0.0000049	0.00708	0.00156	0.0485	0.0254	0.00000514	38.7	0.0000258	0.000475	0.000399	0.00148
2093 Oct	217	0.0573	0.0358	0.00154	17.9	0.0483	94.6	0.000958	0.000958	0.00000488	0.00708	0.00155	0.0483	0.0251	0.00000511	38.4	0.0000256	0.000471	0.000392	0.00148
2093 Nov	216	0.0579	0.0357	0.00154	17.9	0.0483	93.7	0.000957	0.000957	0.00000487	0.00708	0.00154	0.048	0.0249	0.00000511	38.1	0.0000255	0.000467	0.000388	0.00147
2093 Dec	216	0.058	0.0357	0.00154	17.9	0.0483	93.7	0.000957	0.000957	0.00000487	0.00709	0.00154	0.0479	0.0249	0.00000511	38.1	0.0000254	0.000467	0.000388	0.00147
2094 Jan	216	0.058	0.0357	0.00154	17.9	0.0483	93.7	0.000957	0.000957	0.00000487	0.00709	0.00154	0.0479	0.0249	0.00000511	38.1	0.0000254	0.000467	0.000388	0.00147
2094 Feb	216	0.058	0.0357	0.00154	17.9	0.0483	93.7	0.000957	0.000957	0.00000487	0.00709	0.00154	0.0479	0.0249	0.00000511	38.1	0.0000254	0.000467	0.000388	0.00147
2094 Mar	216	0.058	0.0357	0.00154	17.9	0.0483	93.7	0.000958	0.000958	0.00000487	0.00709	0.00154	0.048	0.0249	0.00000511	38.1	0.0000255	0.000467	0.000388	0.00147
2094 Apr	216	0.058	0.0357	0.00154	17.9	0.0483	93.7	0.000958	0.000958	0.00000488	0.00709	0.00154	0.048	0.0249	0.00000511	38.1	0.0000255	0.000467	0.000388	0.00147
2094 May	214	0.0582	0.0358	0.00154	18	0.0478	92.3	0.000959	0.000959	0.00000488	0.00707	0.00155	0.0473	0.0252	0.00000511	38.1	0.0000254	0.000467	0.000393	0.00147
2094 Jun	214	0.0585	0.0359	0.00153	18.2	0.0475	92.2	0.000958	0.000958	0.00000487	0.00705	0.00156	0.0472	0.0258	0.0000051	38.5	0.0000255	0.000472	0.000405	0.00148
2094 Jul	218	0.0588	0.0361	0.00154	18.3	0.0484	95.2	0.000963	0.000963	0.0000049	0.00711	0.00158	0.0486	0.026	0.00000514	39.2	0.0000258	0.00048	0.000409	0.0015
2094 Aug	222	0.0592	0.0364	0.00155	18.4	0.0491	97.3	0.000969	0.000969	0.00000493	0.00717	0.0016	0.0496	0.0262	0.00000518	39.8	0.0000261	0.000487	0.000412	0.00152
2094 Sep	226	0.0593	0.0364	0.00155	18.4	0.0497	99.5	0.000968	0.000968	0.00000493	0.00718	0.0016	0.0506	0.0261	0.00000518	40.2	0.0000263	0.000491	0.000412	0.00153
2094 Oct	226	0.0599	0.0359	0.00154	18.3	0.05	100	0.000964	0.000964	0.00000491	0.00719	0.0016	0.0508	0.0259	0.00000516	40.2	0.0000263	0.00049	0.000408	0.00153
2094 Nov	225	0.0605	0.0355	0.00153	18.1	0.05	99.1	0.000961	0.000961	0.0000049	0.00719	0.00159	0.0504	0.0257	0.00000515	39.9	0.0000261	0.000485	0.000403	0.00152
2094 Dec	224	0.0606	0.0354	0.00153	18.1	0.05	98.9	0.000961	0.000961	0.0000049	0.00719	0.00159	0.0503	0.0256	0.00000514	39.8	0.0000261	0.000485	0.000402	0.00152
2095 Jan	224	0.0606	0.0354	0.00153	18.1	0.05	98.9	0.000961	0.000961	0.0000049	0.00719	0.00159	0.0503	0.0256	0.00000514	39.8	0.0000261	0.000485	0.000402	0.00152
2095 Feb	224	0.0607	0.0354	0.00153	18.1	0.05	98.9	0.000961	0.000961	0.0000049	0.00719	0.00159	0.0503	0.0256	0.00000514	39.8	0.0000261	0.000485	0.000402	0.00152
2095 Mar	224	0.0607	0.0354	0.00153	18.1	0.05	98.9	0.000961	0.000961	0.0000049	0.00719	0.00159	0.0503	0.0256	0.00000514	39.8	0.0000261	0.000485	0.000402	0.00152
2095 Apr	224	0.0607	0.0354	0.00153	18.1	0.05	99	0.000962	0.000962	0.0000049	0.0072	0.00159	0.0503	0.0257	0.00000515	39.8	0.0000261	0.000485	0.000403	0.00152
2095 May	223	0.0608	0.0355	0.00153	18.2	0.0496	97.7	0.000963	0.000963	0.0000049	0.00719	0.00159	0.0498	0.0258	0.00000515	39.7	0.000026	0.000484	0.000406	0.00152
2095 Jun	224	0.0609	0.0357	0.00153	18.3	0.0497	98.8	0.000963	0.000963	0.0000049	0.00718	0.0016	0.0502	0.0262	0.00000515	40.2	0.0000262	0.000489	0.000412	0.00153
2095 Jul	228	0.0612	0.036	0.00154	18.4	0.0504	101	0.000968	0.000968	0.00000493	0.00724	0.00162	0.0512	0.0263	0.00000519	40.7	0.0000265	0.000496	0.000416	0.00155
2095 Aug	231	0.0612	0.036	0.00154	18.4	0.0508	102	0.000968	0.000968	0.00000493	0.00724	0.00162	0.0517	0.0263	0.00000519	40.9	0.0000265	0.000498	0.000415	0.00155
2095 Sep	234	0.0612	0.036	0.00154	18.4	0.0513	104	0.000967	0.000967	0.00000493	0.00725	0.00162	0.0525	0.0262	0.00000519	41.3	0.0000266	0.000501	0.000415	0.00156
2095 Oct	235	0.0612	0.036	0.00154	18.4	0.0516	105	0.000966	0.000966	0.00000493	0.00726	0.00163	0.0531	0.0262	0.00000519	41.5	0.0000267	0.000503	0.000415	0.00157
2095 Nov	235	0.0614	0.0358	0.00154	18.3	0.0516	105	0.000965	0.000965	0.00000492	0.00726	0.00162	0.053	0.0261	0.00000518	41.4	0.0000267	0.000502	0.000414	0.00157
2095 Dec	235	0.0615	0.0357	0.00154	18.3	0.0516	105	0.000965	0.000965	0.00000492	0.00726	0.00162	0.0529	0.0261	0.00000518	41.4	0.0000267	0.000501	0.000413	0.00156
2096 Jan	235	0.0615	0.0357	0.00154	18.3	0.0516	105	0.000965	0.000965	0.00000492	0.00726	0.00162	0.0529	0.0261	0.00000518	41.4	0.0000267	0.000502	0.000413	0.00156
2096 Feb	235	0.0615	0.0357	0.00154	18.3	0.0516	105	0.000965	0.000965	0.00000492	0.00726	0.00162	0.0529	0.0261	0.00000518	41.4	0.0000267	0.000502	0.000413	0.00156
2096 Mar	235	0.0616	0.0357	0.00154	18.3	0.0516	105	0.000965	0.000965	0.00000492	0.00726	0.00162	0.0529	0.0261	0.00000518	41.4	0.0000267	0.000502	0.000413	0.00157
2096 Apr	235	0.0616	0.0358	0.00154	18.3	0.0517	105	0.000966	0.000966	0.00000492	0.00726	0.00162	0.053	0.0261	0.00000519	41.4	0.0000267	0.000502	0.000413	0.00157
2096 May	235	0.0617	0.0358	0.00154	18.4	0.0516	105	0.000967	0.000967	0.00000493	0.00727	0.00163	0.0529	0.0262	0.00000519	41.5	0.0000267	0.000503	0.000416	0.00157
2096 Jun	224	0.0577	0.0352	0.00153	17.7	0.0496	99.9	0.000959	0.000959	0.00000489	0.00718	0.00157	0.0508	0.0252	0.00000514	39.7	0.0000264	0.000485	0.000397	0.00151
2096 Jul	228	0.0572	0.0355	0.00154	17.7	0.0503	103	0.000961	0.000961	0.0000049	0.00721	0.00158	0.0522	0.025	0.00000516	40.1	0.0000267	0.00049	0.000396	0.00152

2096 Aug	231	0.0574	0.0357	0.00155	17.8	0.0508	104	0.000966	0.000966	0.00000492	0.00725	0.00159	0.0528	0.0252	0.00000519	40.5	0.0000269	0.000495	0.000399	0.00154
2096 Sep	233	0.0578	0.0355	0.00154	17.7	0.0513	106	0.000964	0.000964	0.00000491	0.00727	0.00159	0.0534	0.025	0.00000518	40.7	0.000027	0.000496	0.000397	0.00154
2096 Oct	233	0.0587	0.0349	0.00153	17.6	0.0516	106	0.000959	0.000959	0.00000489	0.00728	0.00158	0.0535	0.0247	0.00000516	40.5	0.0000269	0.000493	0.000391	0.00154
2096 Nov	233	0.0588	0.0349	0.00153	17.6	0.0516	106	0.000959	0.000959	0.00000489	0.00728	0.00158	0.0534	0.0247	0.00000516	40.5	0.0000268	0.000492	0.00039	0.00154
2096 Dec	232	0.0589	0.0349	0.00153	17.6	0.0516	106	0.000959	0.000959	0.00000489	0.00728	0.00158	0.0534	0.0247	0.00000516	40.5	0.0000268	0.000492	0.000389	0.00154
2097 Jan	232	0.0589	0.0349	0.00153	17.6	0.0516	106	0.000959	0.000959	0.00000489	0.00728	0.00158	0.0534	0.0247	0.00000516	40.5	0.0000268	0.000492	0.000389	0.00154
2097 Feb	232	0.0589	0.0349	0.00153	17.6	0.0516	106	0.000959	0.000959	0.00000489	0.00728	0.00158	0.0534	0.0247	0.00000516	40.5	0.0000268	0.000492	0.00039	0.00154
2097 Mar	233	0.0589	0.0349	0.00153	17.6	0.0516	106	0.000959	0.000959	0.00000489	0.00728	0.00158	0.0534	0.0247	0.00000516	40.5	0.0000268	0.000492	0.00039	0.00154
2097 Apr	233	0.0589	0.035	0.00153	17.6	0.0517	106	0.00096	0.00096	0.0000049	0.00728	0.00158	0.0535	0.0247	0.00000516	40.5	0.0000269	0.000493	0.00039	0.00154
2097 May	232	0.0591	0.035	0.00153	17.6	0.0516	105	0.000962	0.000962	0.00000491	0.00729	0.00158	0.0533	0.0249	0.00000517	40.5	0.0000269	0.000493	0.000392	0.00154
2097 Jun	228	0.059	0.0351	0.00153	17.8	0.0503	102	0.000961	0.000961	0.0000049	0.00724	0.00158	0.0517	0.0253	0.00000516	40.2	0.0000266	0.00049	0.000399	0.00153
2097 Jul	230	0.0592	0.0353	0.00154	17.9	0.0508	103	0.000967	0.000967	0.00000493	0.00729	0.0016	0.0523	0.0254	0.00000519	40.5	0.0000269	0.000494	0.000402	0.00154
2097 Aug	233	0.0594	0.0355	0.00155	17.9	0.0512	104	0.00097	0.00097	0.00000495	0.00732	0.0016	0.0528	0.0255	0.00000521	40.8	0.000027	0.000497	0.000403	0.00155
2097 Sep	235	0.0595	0.0356	0.00155	18	0.0515	105	0.000971	0.000971	0.00000495	0.00734	0.00161	0.0533	0.0255	0.00000522	41.1	0.0000271	0.0005	0.000404	0.00156
2097 Oct	236	0.0596	0.0355	0.00155	17.9	0.0517	106	0.00097	0.00097	0.00000495	0.00734	0.00161	0.0536	0.0255	0.00000521	41.1	0.0000272	0.000501	0.000403	0.00156
2097 Nov	235	0.0598	0.0354	0.00155	17.9	0.0517	106	0.000969	0.000969	0.00000494	0.00734	0.00161	0.0535	0.0254	0.00000521	41	0.0000271	0.000499	0.000402	0.00156
2097 Dec	235	0.0599	0.0354	0.00154	17.9	0.0517	106	0.000969	0.000969	0.00000494	0.00734	0.0016	0.0534	0.0254	0.00000521	41	0.0000271	0.000499	0.000401	0.00156
2098 Jan	235	0.06	0.0353	0.00154	17.9	0.0517	106	0.000969	0.000969	0.00000494	0.00734	0.0016	0.0534	0.0254	0.00000521	41	0.0000271	0.000499	0.000401	0.00156
2098 Feb	235	0.06	0.0353	0.00154	17.9	0.0517	106	0.000969	0.000969	0.00000494	0.00734	0.0016	0.0534	0.0254	0.00000521	41	0.0000271	0.000499	0.000402	0.00156
2098 Mar	235	0.06	0.0354	0.00154	17.9	0.0517	106	0.000969	0.000969	0.00000494	0.00734	0.00161	0.0534	0.0254	0.00000521	41	0.0000271	0.000499	0.000402	0.00156
2098 Apr	235	0.06	0.0354	0.00154	17.9	0.0517	106	0.000969	0.000969	0.00000494	0.00734	0.00161	0.0534	0.0254	0.00000521	41	0.0000271	0.000499	0.000402	0.00156
2098 May	231	0.0603	0.0352	0.00153	18	0.0507	103	0.00097	0.00097	0.00000495	0.00732	0.00161	0.052	0.0259	0.0000052	40.7	0.0000269	0.000497	0.000409	0.00155
2098 Jun	221	0.0601	0.0357	0.00153	18.3	0.0482	95.7	0.000964	0.000964	0.00000491	0.00718	0.0016	0.0487	0.0266	0.00000515	39.8	0.0000262	0.000487	0.00042	0.00151
2098 Jul	224	0.0604	0.036	0.00154	18.4	0.0487	97.1	0.00097	0.00097	0.00000494	0.00722	0.00162	0.0493	0.0267	0.00000518	40.2	0.0000265	0.000492	0.000423	0.00153
2098 Aug	226	0.0604	0.036	0.00154	18.4	0.0491	98.3	0.000971	0.000971	0.00000494	0.00723	0.00162	0.0498	0.0267	0.00000519	40.4	0.0000265	0.000494	0.000423	0.00153
2098 Sep	228	0.0607	0.0356	0.00154	18.3	0.0496	99.3	0.000966	0.000966	0.00000492	0.00723	0.00161	0.0503	0.0264	0.00000517	40.4	0.0000264	0.000493	0.000417	0.00153
2098 Oct	227	0.0614	0.0356	0.00154	18.2	0.0498	99.1	0.000962	0.000962	0.0000049	0.00722	0.0016	0.0502	0.026	0.00000515	40	0.0000263	0.000488	0.000409	0.00153
2098 Nov	225	0.0617	0.0355	0.00154	18.1	0.0497	98.3	0.000962	0.000962	0.0000049	0.00722	0.00159	0.0499	0.0259	0.00000514	39.8	0.0000261	0.000485	0.000406	0.00152
2098 Dec	225	0.0618	0.0355	0.00154	18.1	0.0497	98.3	0.000962	0.000962	0.0000049	0.00722	0.00159	0.0499	0.0259	0.00000514	39.8	0.0000261	0.000484	0.000406	0.00152
2099 Jan	225	0.0618	0.0355	0.00154	18.1	0.0497	98.3	0.000962	0.000962	0.0000049	0.00722	0.00159	0.0499	0.0259	0.00000514	39.8	0.0000261	0.000485	0.000406	0.00152
2099 Feb	225	0.0618	0.0355	0.00154	18.1	0.0497	98.3	0.000962	0.000962	0.0000049	0.00722	0.00159	0.0499	0.0259	0.00000514	39.8	0.0000261	0.000485	0.000406	0.00152
2099 Mar	225	0.0618	0.0355	0.00154	18.1	0.0498	98.3	0.000962	0.000962	0.0000049	0.00722	0.00159	0.0499	0.0259	0.00000515	39.8	0.0000261	0.000485	0.000406	0.00152
2099 Apr	225	0.0619	0.0356	0.00154	18.2	0.0498	98.4	0.000963	0.000963	0.0000049	0.00723	0.00159	0.0499	0.0259	0.00000515	39.8	0.0000262	0.000485	0.000407	0.00152
2099 May	219	0.0622	0.0359	0.00154	18.4	0.0482	93.7	0.000962	0.000962	0.0000049	0.00716	0.0016	0.0477	0.0266	0.00000513	39.4	0.0000258	0.000481	0.000418	0.00151
2099 Jun	219	0.062	0.0363	0.00154	18.5	0.0479	93.7	0.000959	0.000959	0.00000488	0.00712	0.0016	0.0476	0.0267	0.00000512	39.4	0.0000257	0.000482	0.000421	0.00151
2099 Jul	222	0.0621	0.0364	0.00155	18.6	0.0486	95.6	0.000964	0.000964	0.00000491	0.00716	0.00161	0.0485	0.0268	0.00000515	39.9	0.000026	0.000487	0.000423	0.00152
2099 Aug	225	0.0623	0.0366	0.00156	18.7	0.0491	97	0.000968	0.000968	0.00000493	0.0072	0.00162	0.0492	0.0269	0.00000517	40.2	0.0000262	0.000491	0.000425	0.00154
2099 Sep	227	0.0624	0.0364	0.00155	18.6	0.0495	98.2	0.000966	0.000966	0.00000492	0.0072	0.00162	0.0497	0.0268	0.00000516	40.4	0.0000262	0.000492	0.000423	0.00154
2099 Oct	228	0.0627	0.0362	0.00155	18.5	0.0497	98.6	0.000963	0.000963	0.0000049	0.0072	0.00162	0.0499	0.0266	0.00000515	40.3	0.0000262	0.000491	0.000419	0.00154
2099 Nov	226	0.063	0.0361	0.00155	18.4	0.0496	97.8	0.000962	0.000962	0.0000049	0.0072	0.00161	0.0495	0.0264	0.00000514	40.1	0.000026	0.000487	0.000416	0.00153
2099 Dec	226	0.0631	0.036	0.00155	18.4	0.0496	97.7	0.000962	0.000962	0.0000049	0.0072	0.00161	0.0495	0.0264	0.00000514	40	0.000026	0.000487	0.000415	0.00153
2100 Jan	226	0.0631	0.036	0.00155	18.4	0.0496	97.8	0.000962	0.000962	0.0000049	0.0072	0.00161	0.0495	0.0264	0.00000514	40	0.000026	0.000487	0.000415	0.00153
2100 Feb	226	0.0631	0.036	0.00155	18.4	0.0496	97.8	0.000962	0.000962	0.0000049	0.0072	0.00161	0.0495	0.0264	0.00000514	40	0.000026	0.000487	0.000416	0.00153
2100 Mar	226	0.0631	0.036	0.00155	18.4	0.0496	97.7	0.000962	0.000962	0.0000049	0.0072	0.00161	0.0495	0.0264	0.00000514	40	0.000026	0.000487	0.000416	0.00153
2100 Apr	226	0.0632	0.036	0.00155	18.5	0.0497	97.8	0.000963	0.000963	0.0000049	0.00721	0.00161	0.0495	0.0265	0.00000515	40.1	0.000026	0.000488	0.000416	0.00153
2100 May	225	0.0633	0.0361	0.00155	18.5	0.0493	96.7	0.000964	0.000964	0.00000491	0.0072	0.00161	0.049	0.0267	0.00000515	40	0.000026	0.000487	0.00042	0.00153
2100 Jun	218	0.0621	0.0364	0.00155	18.6	0.0476	92.7	0.000958	0.000958	0.00000487	0.0071	0.0016	0.0471	0.0269	0.00000511	39.3	0.0000256	0.00048	0.000423	0.0015
2100 Jul	221	0.0619	0.0366	0.00155	18.6	0.0481	94.7	0.000959	0.000959	0.00000488	0.00711	0.0016	0.048	0.0268	0.00000512	39.6	0.0000258	0.000483	0.000423	0.00151
2100 Aug	224	0.0618	0.0367	0.00156	18.5	0.0484	95.7	0.000958	0.000958	0.00000488	0.00711	0.0016	0.0484	0.0267	0.00000512	39.7	0.0000258	0.000484	0.000421	0.00152
2100 Sep	225	0.0617	0.0368	0.00156	18.5	0.0489	96.9	0.000957	0.000957	0.00000487	0.00711	0.0016	0.049	0.0266	0.00000512	39.9	0.0000259	0.000486	0.00042	0.00152
2100 Oct	227	0.0618	0.0368	0.00156	18.5	0.0491	97.7	0.000957	0.000957	0.00000487	0.00711	0.00161	0.0493	0.0266	0.00000512	40.1	0.0000259	0.000487	0.00042	0.00153
2100 Nov	227	0.0618	0.0369	0.00156	18.5	0.0491	97.7	0.000957	0.000957	0.00000487	0.00711	0.00161	0.0493	0.0266	0.00000512	40.1	0.0000259	0.000487	0.00042	0.00153
2100 Dec	227	0.0618	0.0368	0.00156	18.5	0.0491	97.8	0.000957	0.000957	0.00000487	0.00712	0.00161	0.0494	0.0266	0.00000512	40.1	0.0000259	0.000487	0.00042	0.00153
2101 Jan	227	0.0618	0.0368	0.00156	18.5	0.0491	97.8	0.000957	0.000957	0.00000487	0.00712	0.00161	0.0494	0.0266	0.00000512	40.1	0.0000259	0.000488	0.00042	0.00153
2101 Feb	227	0.0618	0.0368	0.00156	18.5	0.0491	97.8	0.000957	0.000957	0.00000487	0.00712	0.00161	0.0494	0.0266	0.00000512	40.1	0.0000259	0.000488	0.00042	0.00153
2101 Mar	227	0.0618	0.0368	0.00156	18.5	0.0491	97.8	0.000957	0.000957	0.00000487	0.00712	0.00161	0.0494	0.0266	0.00000512	40.1	0.0000259	0.000488	0.00042	0.00153
2101 Apr	227	0.0619	0.0369	0.00156	18.5	0.0491	97.9	0.000958	0.000958	0.00000488	0.00712	0.00161	0.0494	0.0266	0.00000512	40.1	0.0000259	0.000488	0.00042	0.00153
2101 May	224	0.0621	0.0368	0.00156	18.7	0.0484	95.5	0.000959	0.000959	0.00000488	0.00711	0.00161	0.0483	0.027	0.00000512	39.9	0.0000258	0.000486	0.000426	0.00152
2101 Jun	220	0.0614	0.037	0.00156	18.7	0.0474	93	0.000957	0.000957	0.00000487	0.00705	0.0016	0.0471	0.0271	0.0000051	39.4	0.0000256	0.000482	0.000427	0.00151
2101 Jul	222	0.0616	0.0373	0.00157	18.8	0.0478	94.2	0.000962	0.000962	0.0000049	0.00709	0.00161	0.0477	0.0272	0.00000513	39.7	0.0000258	0.000485	0.000429	0.00152
2101 Aug	224	0.0619	0.0375	0.00158	18.9	0.0482	95.4	0.000967	0.000967	0.00000492	0.00714	0.00162	0.0482	0.0273	0.00000516	40.1	0.000026	0.000489	0.000432	0.00153
2101 Sep	226	0.0621	0.0373	0.00157	18.8	0.0487	96.7	0.000966	0.000966	0.00000492	0.00715	0.00163	0.0489	0.0272	0.00000516	40.3	0.0000261	0.000491	0.00043	0.00154
2101 Oct	228	0.0622	0.0372	0.00157	18.8	0.0489	97.5	0.000965	0.000965	0.00000491	0.00715	0.00163	0.0492	0.0271	0.00000516	40.4	0.0000261	0.000492	0.00043	0.00154
2101 Nov	227	0.0624	0.037	0.00157	18.7	0.0489	97.2	0.000963	0.000963	0.0000049	0.00715	0.00162	0.0491	0.027	0.00000515	40.3	0.000026	0.00049	0.000427	0.00154
2101 Dec	227	0.0625	0.0369	0.00157	18.7	0.0489	97.1	0.000963	0.000963	0.0000049	0.00715	0.00162	0.049	0.027	0.00000515	40.2	0.000026	0.00049	0.000426	0.00153
2102 Jan	227	0.0625	0.0369	0.00157	18.7	0.0489	97.1	0.000963	0.000963	0.0000049	0.00715	0.00162	0.049	0.027	0.00000515	40.2	0.000026	0.00049	0.000426	0.00153
2102 Feb	227	0.0626	0.0369	0.00157	18.7	0.0489	97.1	0.000963	0.000963	0.0000049	0.00715	0.00162	0.049	0.027	0.00000515	40.2	0.000026	0.00049	0.000426	0.00153
2102 Mar	227	0.0626	0.0369	0.00157	18.7	0.0489	97	0.000963	0.000963	0.0000049	0.00715	0.00162	0.049	0.027	0.00000515	40.2	0.000026	0.00049	0.000427	0.00153
2102 Apr	227	0.0626	0.0369	0.00157	18.7	0.049	97.1	0.000963	0.000963	0.0000049	0.00716	0.00162	0.049	0.027	0.00000515	40.2	0.000026	0.00049	0.000427	0.00154
2102 May	227	0.0627	0.037	0.00157	18.7	0.049	97.2	0.000965	0.000965	0.00000491	0.00717	0.00162	0.0491	0.0271	0.00000516	40.3	0.0000261	0.000491	0.000428	0.00154
2102 Jun	217	0.058	0.0355	0.00154	17.7	0.0475	93.2	0.00096	0.00096	0.00000489	0.00715	0.00156	0.0475	0.0255	0.00000512	38.3	0.0000259	0.000471	0.000399	0.00148
2102 Jul	213	0.056	0.0354	0.00155	17.4	0.0468	91	0.000961	0.000961	0.00000489	0.00714	0.00153	0.0466	0.0248	0.00000512	37.3	0.0000258	0.000461	0.000386	0.00145

2102 Aug	215	0.0562	0.0355	0.00156	17.4	0.047	91.7	0.000964	0.000964	0.0000049	0.00716	0.00153	0.0469	0.0248	0.00000513	37.5	0.0000259	0.000463	0.000386	0.00145
2102 Sep	216	0.0563	0.0355	0.00156	17.4	0.0472	92.1	0.000964	0.000964	0.00000491	0.00717	0.00154	0.0471	0.0248	0.00000514	37.5	0.0000259	0.000463	0.000385	0.00146
2102 Oct	214	0.0572	0.035	0.00155	17.3	0.0472	91	0.000961	0.000961	0.00000489	0.00717	0.00152	0.0466	0.0245	0.00000512	37.1	0.0000257	0.000458	0.000379	0.00145
2102 Nov	213	0.0574	0.0349	0.00155	17.3	0.0472	90.7	0.000961	0.000961	0.00000489	0.00718	0.00152	0.0465	0.0245	0.00000512	37	0.0000256	0.000457	0.000378	0.00144
2102 Dec	213	0.0575	0.0349	0.00155	17.3	0.0472	90.7	0.000961	0.000961	0.00000489	0.00718	0.00152	0.0465	0.0245	0.00000512	37	0.0000256	0.000457	0.000378	0.00144
2103 Jan	213	0.0575	0.0349	0.00155	17.3	0.0472	90.7	0.000961	0.000961	0.00000489	0.00718	0.00152	0.0465	0.0245	0.00000512	37	0.0000256	0.000457	0.000378	0.00144
2103 Feb	213	0.0575	0.0349	0.00155	17.3	0.0472	90.7	0.000961	0.000961	0.00000489	0.00718	0.00152	0.0465	0.0245	0.00000512	37	0.0000256	0.000457	0.000378	0.00144
2103 Mar	213	0.0575	0.0349	0.00155	17.3	0.0472	90.7	0.000961	0.000961	0.00000489	0.00718	0.00152	0.0465	0.0245	0.00000512	37	0.0000256	0.000457	0.000378	0.00144
2103 Apr	213	0.0575	0.0349	0.00155	17.3	0.0473	90.7	0.000962	0.000962	0.00000489	0.00718	0.00152	0.0465	0.0245	0.00000512	37.1	0.0000256	0.000457	0.000378	0.00145
2103 May	212	0.0578	0.0349	0.00154	17.4	0.0469	89.7	0.000963	0.000963	0.0000049	0.00717	0.00153	0.046	0.0248	0.00000512	37.1	0.0000256	0.000458	0.000384	0.00145
2103 Jun	207	0.0573	0.0352	0.00154	17.5	0.0458	87.3	0.000958	0.000958	0.00000487	0.00709	0.00153	0.0448	0.0252	0.00000509	36.9	0.0000254	0.000457	0.000392	0.00143
2103 Jul	210	0.0568	0.0352	0.00154	17.5	0.0463	89	0.00096	0.00096	0.00000488	0.00711	0.00153	0.0456	0.0251	0.0000051	37.2	0.0000255	0.000459	0.000391	0.00144
2103 Aug	210	0.0558	0.0348	0.00154	17.3	0.0466	88.9	0.000961	0.000961	0.00000488	0.00707	0.00153	0.0456	0.0249	0.00000511	36.9	0.0000252	0.000455	0.000385	0.00144
2103 Sep	210	0.0564	0.0348	0.00154	17.2	0.0469	89.3	0.000958	0.000958	0.00000487	0.00707	0.00152	0.0457	0.0246	0.0000051	36.8	0.0000251	0.000453	0.00038	0.00144
2103 Oct	208	0.0574	0.0348	0.00154	17.2	0.047	88.3	0.000955	0.000955	0.00000485	0.00706	0.00151	0.0453	0.0242	0.00000508	36.3	0.0000249	0.000446	0.000372	0.00143
2103 Nov	207	0.0576	0.0348	0.00155	17.2	0.047	87.9	0.000954	0.000954	0.00000485	0.00706	0.0015	0.0451	0.0241	0.00000507	36.2	0.0000248	0.000444	0.00037	0.00143
2103 Dec	207	0.0577	0.0348	0.00154	17.2	0.047	87.9	0.000954	0.000954	0.00000485	0.00706	0.0015	0.0451	0.0241	0.00000507	36.2	0.0000248	0.000444	0.00037	0.00143
2104 Jan	207	0.0577	0.0348	0.00154	17.2	0.047	87.9	0.000954	0.000954	0.00000485	0.00706	0.0015	0.0451	0.0241	0.00000507	36.2	0.0000248	0.000444	0.00037	0.00143
2104 Feb	207	0.0577	0.0348	0.00154	17.2	0.047	87.9	0.000954	0.000954	0.00000485	0.00706	0.0015	0.0451	0.0242	0.00000507	36.2	0.0000248	0.000444	0.00037	0.00143
2104 Mar	207	0.0577	0.0348	0.00154	17.2	0.047	87.9	0.000954	0.000954	0.00000485	0.00706	0.0015	0.0451	0.0242	0.00000507	36.2	0.0000248	0.000444	0.00037	0.00143
2104 Apr	207	0.0577	0.0348	0.00155	17.2	0.047	87.9	0.000955	0.000955	0.00000486	0.00707	0.0015	0.0451	0.0242	0.00000508	36.2	0.0000248	0.000444	0.000371	0.00143
2104 May	205	0.0581	0.0348	0.00154	17.4	0.0463	85.9	0.000957	0.000957	0.00000486	0.00706	0.00151	0.0442	0.0247	0.00000508	36.2	0.0000247	0.000445	0.000378	0.00143
2104 Jun	201	0.0579	0.0353	0.00154	17.6	0.0453	83.6	0.000953	0.000953	0.00000484	0.00698	0.00151	0.043	0.0251	0.00000505	36	0.0000245	0.000443	0.000386	0.00142
2104 Jul	204	0.058	0.0355	0.00155	17.6	0.0456	84.8	0.000956	0.000956	0.00000486	0.00701	0.00152	0.0436	0.0251	0.00000507	36.2	0.0000247	0.000446	0.000387	0.00143
2104 Aug	206	0.0581	0.0356	0.00155	17.6	0.046	85.6	0.000958	0.000958	0.00000487	0.00703	0.00153	0.044	0.0251	0.00000508	36.4	0.0000247	0.000448	0.000388	0.00143
2104 Sep	207	0.0581	0.0354	0.00155	17.5	0.0463	86.3	0.000956	0.000956	0.00000486	0.00702	0.00152	0.0443	0.025	0.00000508	36.4	0.0000247	0.000448	0.000385	0.00143
2104 Oct	206	0.0587	0.0353	0.00155	17.5	0.0464	86.2	0.000954	0.000954	0.00000485	0.00703	0.00151	0.0442	0.0247	0.00000506	36.2	0.0000246	0.000445	0.00038	0.00143
2104 Nov	205	0.059	0.0353	0.00155	17.5	0.0464	85.8	0.000954	0.000954	0.00000485	0.00703	0.00151	0.044	0.0247	0.00000506	36.1	0.0000245	0.000443	0.000378	0.00143
2104 Dec	205	0.0591	0.0352	0.00155	17.5	0.0464	85.8	0.000954	0.000954	0.00000485	0.00703	0.00151	0.044	0.0247	0.00000506	36.1	0.0000245	0.000443	0.000378	0.00143
2105 Jan	205	0.0591	0.0352	0.00155	17.5	0.0465	85.8	0.000954	0.000954	0.00000485	0.00703	0.00151	0.0441	0.0247	0.00000506	36.1	0.0000245	0.000443	0.000378	0.00143
2105 Feb	205	0.0591	0.0352	0.00155	17.5	0.0465	85.8	0.000954	0.000954	0.00000485	0.00703	0.00151	0.044	0.0247	0.00000506	36.1	0.0000245	0.000443	0.000378	0.00143
2105 Mar	205	0.0591	0.0352	0.00155	17.5	0.0465	85.8	0.000954	0.000954	0.00000485	0.00703	0.00151	0.044	0.0247	0.00000506	36.1	0.0000245	0.000443	0.000378	0.00143
2105 Apr	206	0.0591	0.0353	0.00155	17.5	0.0465	85.8	0.000954	0.000954	0.00000485	0.00703	0.00151	0.0441	0.0247	0.00000506	36.1	0.0000245	0.000443	0.000378	0.00143
2105 May	204	0.0593	0.0354	0.00155	17.6	0.0461	84.7	0.000956	0.000956	0.00000485	0.00703	0.00152	0.0436	0.025	0.00000507	36.1	0.0000245	0.000443	0.000383	0.00143
2105 Jun	204	0.0594	0.0356	0.00155	17.7	0.0458	84.5	0.000955	0.000955	0.00000485	0.00701	0.00152	0.0434	0.0253	0.00000506	36.3	0.0000245	0.000446	0.00039	0.00143
2105 Jul	207	0.0595	0.0357	0.00156	17.8	0.0462	85.7	0.000958	0.000958	0.00000487	0.00704	0.00153	0.044	0.0254	0.00000508	36.6	0.0000247	0.000449	0.000391	0.00144
2105 Aug	209	0.0591	0.0357	0.00156	17.7	0.0466	87	0.000956	0.000956	0.00000486	0.00702	0.00153	0.0445	0.0252	0.00000508	36.7	0.0000246	0.00045	0.000389	0.00144
2105 Sep	210	0.0595	0.0356	0.00156	17.6	0.0473	88.3	0.000953	0.000953	0.00000485	0.00701	0.00152	0.0451	0.0248	0.00000507	36.7	0.0000245	0.000449	0.000382	0.00144
2105 Oct	210	0.0599	0.0357	0.00156	17.6	0.0475	88.5	0.00095	0.00095	0.00000483	0.00701	0.00151	0.0452	0.0246	0.00000505	36.6	0.0000244	0.000446	0.000377	0.00144
2105 Nov	209	0.0602	0.0357	0.00157	17.5	0.0474	88	0.000949	0.000949	0.00000483	0.00701	0.00151	0.045	0.0245	0.00000505	36.4	0.0000243	0.000444	0.000375	0.00144
2105 Dec	209	0.0602	0.0357	0.00157	17.5	0.0475	88	0.00095	0.00095	0.00000483	0.00701	0.00151	0.045	0.0245	0.00000505	36.4	0.0000243	0.000444	0.000374	0.00144
2106 Jan	209	0.0602	0.0357	0.00157	17.5	0.0474	87.9	0.00095	0.00095	0.00000483	0.00701	0.00151	0.045	0.0245	0.00000505	36.4	0.0000243	0.000444	0.000375	0.00144
2106 Feb	209	0.0602	0.0357	0.00157	17.5	0.0474	87.9	0.00095	0.00095	0.00000483	0.00701	0.00151	0.045	0.0245	0.00000505	36.4	0.0000243	0.000444	0.000375	0.00144
2106 Mar	209	0.0602	0.0357	0.00157	17.5	0.0474	87.9	0.00095	0.00095	0.00000483	0.00701	0.00151	0.045	0.0245	0.00000505	36.4	0.0000243	0.000444	0.000375	0.00144
2106 Apr	209	0.0603	0.0357	0.00157	17.6	0.0475	88	0.00095	0.00095	0.00000483	0.00701	0.00151	0.045	0.0245	0.00000505	36.4	0.0000243	0.000444	0.000375	0.00144
2106 May	209	0.0604	0.0358	0.00157	17.6	0.0474	87.8	0.000952	0.000952	0.00000484	0.00702	0.00151	0.0449	0.0246	0.00000506	36.5	0.0000244	0.000445	0.000377	0.00144
2106 Jun	202	0.0586	0.0355	0.00155	17.5	0.0458	84.2	0.000949	0.000949	0.00000482	0.00696	0.0015	0.0433	0.0246	0.00000503	35.7	0.0000242	0.000439	0.000377	0.00141
2106 Jul	204	0.058	0.0356	0.00156	17.4	0.0462	85.3	0.000952	0.000952	0.00000484	0.00699	0.0015	0.0438	0.0244	0.00000505	35.8	0.0000244	0.000439	0.000374	0.00142
2106 Aug	205	0.0573	0.0353	0.00156	17.2	0.0466	85.9	0.000952	0.000952	0.00000484	0.00696	0.0015	0.0441	0.0242	0.00000505	35.7	0.0000242	0.000438	0.00037	0.00142
2106 Sep	206	0.0571	0.0351	0.00156	17.1	0.0471	86.9	0.000949	0.000949	0.00000482	0.00694	0.00149	0.0446	0.0239	0.00000504	35.7	0.000024	0.000437	0.000365	0.00142
2106 Oct	207	0.0573	0.0352	0.00156	17.1	0.0474	87.8	0.000948	0.000948	0.00000482	0.00694	0.00149	0.045	0.0238	0.00000504	35.9	0.0000241	0.000438	0.000363	0.00142
2106 Nov	207	0.0574	0.0352	0.00156	17.1	0.0474	87.8	0.000948	0.000948	0.00000482	0.00695	0.00149	0.045	0.0238	0.00000504	35.9	0.0000241	0.000438	0.000363	0.00142
2106 Dec	207	0.0574	0.0352	0.00156	17.1	0.0474	87.8	0.000948	0.000948	0.00000482	0.00695	0.00149	0.045	0.0238	0.00000504	35.9	0.0000241	0.000438	0.000363	0.00142
2107 Jan	207	0.0574	0.0352	0.00156	17.1	0.0474	87.8	0.000948	0.000948	0.00000482	0.00695	0.00149	0.045	0.0238	0.00000504	35.9	0.0000241	0.000438	0.000363	0.00142
2107 Feb	207	0.0574	0.0352	0.00156	17.1	0.0474	87.8	0.000948	0.000948	0.00000482	0.00695	0.00149	0.045	0.0238	0.00000504	35.9	0.0000241	0.000438	0.000363	0.00142
2107 Mar	207	0.0574	0.0352	0.00156	17.1	0.0474	87.8	0.000948	0.000948	0.00000482	0.00695	0.00149	0.045	0.0238	0.00000504	35.9	0.0000241	0.000438	0.000363	0.00142
2107 Apr	207	0.0574	0.0352	0.00156	17.1	0.0475	87.8	0.000949	0.000949	0.00000482	0.00695	0.00149	0.045	0.0238	0.00000504	35.9	0.0000241	0.000438	0.000363	0.00142
2107 May	205	0.0576	0.0352	0.00156	17.2	0.047	86.4	0.00095	0.00095	0.00000483	0.00694	0.0015	0.0444	0.0241	0.00000504	35.8	0.000024	0.000438	0.000368	0.00142
2107 Jun	201	0.058	0.0353	0.00155	17.5	0.0457	83.3	0.00095	0.00095	0.00000483	0.0069	0.00151	0.0429	0.0249	0.00000503	35.8	0.0000239	0.000439	0.000382	0.00141
2107 Jul	203	0.0579	0.0354	0.00155	17.5	0.0461	84.4	0.000952	0.000952	0.00000484	0.00692	0.00152	0.0434	0.025	0.00000505	36	0.000024	0.000441	0.000383	0.00142
2107 Aug	205	0.0581	0.0355	0.00156	17.6	0.0464	85.4	0.000955	0.000955	0.00000485	0.00695	0.00152	0.0438	0.025	0.00000507	36.2	0.0000241	0.000444	0.000384	0.00143
2107 Sep	208	0.0583	0.0355	0.00156	17.6	0.0469	86.9	0.000955	0.000955	0.00000485	0.00696	0.00153	0.0445	0.025	0.00000507	36.5	0.0000243	0.000447	0.000384	0.00144
2107 Oct	209	0.0584	0.0354	0.00156	17.5	0.0471	87.6	0.000954	0.000954	0.00000485	0.00697	0.00153	0.0448	0.0249	0.00000507	36.6	0.0000243	0.000447	0.000383	0.00144
2107 Nov	209	0.0586	0.0353	0.00155	17.5	0.0471	87.4	0.000953	0.000953	0.00000485	0.00697	0.00153	0.0447	0.0249	0.00000506	36.6	0.0000243	0.000447	0.000382	0.00144
2107 Dec	209	0.0586	0.0353	0.00155	17.5	0.0471	87.5	0.000953	0.000953	0.00000485	0.00697	0.00153	0.0448	0.0249	0.00000507	36.6	0.0000243	0.000447	0.000382	0.00144
2108 Jan	209	0.0586	0.0353	0.00155	17.5	0.0471	87.5	0.000953	0.000953	0.00000485	0.00697	0.00153	0.0448	0.0249	0.00000507	36.6	0.0000243	0.000447	0.000382	0.00144
2108 Feb	209	0.0586	0.0353	0.00155	17.5	0.0471	87.5	0.000953	0.000953	0.00000485	0.00697	0.00153	0.0448	0.0249	0.00000507	36.6	0.0000243	0.000447	0.000382	0.00144
2108 Mar	209	0.0586	0.0353	0.00155	17.5	0.0471	87.5	0.000954	0.000954	0.00000485	0.00697	0.00153	0.0448	0.0249	0.00000507	36.6	0.0000243	0.000447	0.000382	0.00144
2108 Apr	209	0.0587	0.0354	0.00156	17.5	0.0472	87.6	0.000955	0.000955	0.00000485	0.00698	0.00153	0.0448	0.0249	0.00000507	36.6	0.0000243	0.000447	0.000382	0.00144
2108 May	209	0.0589	0.0355	0.00156	17.6	0.0473	87.8	0.000957	0.000957	0.00000486	0.007	0.00153	0.0449	0.025	0.00000508	36.7	0.0000244	0.000448	0.000383	0.00144
2108 Jun	204	0.0564	0.0346	0.00154	17.1	0.0463	85.4	0.000956	0.000956	0.00000486	0.007	0.0015	0.044	0.0243	0.00000507	35.7	0.0000244	0.000439	0.00037	0.00141
2108 Jul	205	0.0563	0.0347	0.00155	17.1	0.0466	86.1	0.000961	0.000961	0.00000488	0.00705	0.00151	0.0443	0.0243	0.0000051	35.8	0.0000246	0.000441	0.00037	0.00142

2108 Aug	208	0.0566	0.035	0.00156	17.2	0.047	87.2	0.000967	0.000967	0.00000491	0.00709	0.00152	0.0448	0.0244	0.00000513	36.2	0.0000248	0.000445	0.000373	0.00143
2108 Sep	210	0.0567	0.035	0.00156	17.2	0.0473	88.4	0.000967	0.000967	0.00000491	0.0071	0.00152	0.0453	0.0244	0.00000514	36.4	0.0000249	0.000447	0.000373	0.00144
2108 Oct	209	0.0576	0.0344	0.00155	17	0.0474	87.8	0.000962	0.000962	0.00000489	0.00711	0.00151	0.0451	0.0241	0.00000511	36.1	0.0000247	0.000443	0.000367	0.00143
2108 Nov	208	0.058	0.0342	0.00155	17	0.0474	87.3	0.000962	0.000962	0.00000489	0.00712	0.00151	0.0449	0.024	0.00000511	36	0.0000246	0.000441	0.000365	0.00142
2108 Dec	208	0.058	0.0342	0.00155	17	0.0474	87.3	0.000962	0.000962	0.00000489	0.00712	0.00151	0.0449	0.024	0.00000511	36	0.0000246	0.000441	0.000365	0.00142
2109 Jan	208	0.058	0.0342	0.00154	17	0.0474	87.3	0.000962	0.000962	0.00000489	0.00712	0.00151	0.0449	0.024	0.00000511	36	0.0000246	0.000441	0.000365	0.00142
2109 Feb	208	0.058	0.0342	0.00154	17	0.0474	87.3	0.000962	0.000962	0.00000489	0.00712	0.00151	0.0449	0.0241	0.00000511	36	0.0000246	0.000441	0.000365	0.00143
2109 Mar	208	0.0581	0.0342	0.00155	17	0.0474	87.3	0.000962	0.000962	0.00000489	0.00712	0.00151	0.0449	0.0241	0.00000511	36	0.0000246	0.000441	0.000365	0.00143
2109 Apr	208	0.0581	0.0342	0.00155	17	0.0475	87.4	0.000963	0.000963	0.00000489	0.00712	0.00151	0.0449	0.0241	0.00000511	36	0.0000246	0.000442	0.000366	0.00143
2109 May	206	0.0584	0.0342	0.00154	17.1	0.0468	85.5	0.000965	0.000965	0.0000049	0.00711	0.00151	0.0441	0.0245	0.00000511	35.9	0.0000246	0.000442	0.000372	0.00142
2109 Jun	203	0.0588	0.0344	0.00154	17.4	0.0461	83.7	0.000965	0.000965	0.0000049	0.00709	0.00153	0.0432	0.0251	0.00000511	36	0.0000245	0.000444	0.000384	0.00142
2109 Jul	206	0.0585	0.0342	0.00154	17.3	0.0466	85.1	0.000967	0.000967	0.00000491	0.0071	0.00153	0.0438	0.0251	0.00000513	36.3	0.0000246	0.000446	0.000383	0.00143
2109 Aug	207	0.058	0.034	0.00154	17.2	0.047	85.9	0.00097	0.00097	0.00000493	0.0071	0.00154	0.0442	0.025	0.00000514	36.4	0.0000246	0.000446	0.000381	0.00144
2109 Sep	209	0.0583	0.0339	0.00153	17.2	0.0476	87.6	0.000968	0.000968	0.00000492	0.00712	0.00154	0.0449	0.0249	0.00000514	36.6	0.0000246	0.000448	0.000379	0.00145
2109 Oct	208	0.0595	0.0336	0.00153	17.1	0.0479	87.3	0.000964	0.000964	0.0000049	0.00712	0.00152	0.0449	0.0245	0.00000512	36.3	0.0000244	0.000443	0.000371	0.00144
2109 Nov	208	0.0597	0.0336	0.00153	17.1	0.0479	87.2	0.000964	0.000964	0.0000049	0.00713	0.00152	0.0448	0.0244	0.00000512	36.2	0.0000244	0.000443	0.00037	0.00144
2109 Dec	208	0.0597	0.0336	0.00153	17.1	0.048	87.2	0.000964	0.000964	0.0000049	0.00713	0.00152	0.0448	0.0244	0.00000512	36.3	0.0000244	0.000443	0.00037	0.00144
2110 Jan	208	0.0597	0.0336	0.00153	17.1	0.048	87.2	0.000964	0.000964	0.0000049	0.00713	0.00152	0.0448	0.0244	0.00000512	36.3	0.0000244	0.000443	0.00037	0.00144
2110 Feb	208	0.0597	0.0336	0.00153	17.1	0.048	87.2	0.000964	0.000964	0.0000049	0.00713	0.00152	0.0448	0.0244	0.00000512	36.3	0.0000244	0.000443	0.00037	0.00144
2110 Mar	208	0.0598	0.0336	0.00153	17.1	0.048	87.2	0.000964	0.000964	0.0000049	0.00713	0.00152	0.0449	0.0244	0.00000512	36.3	0.0000244	0.000443	0.00037	0.00144
2110 Apr	208	0.0598	0.0336	0.00153	17.1	0.048	87.3	0.000964	0.000964	0.0000049	0.00713	0.00152	0.0449	0.0244	0.00000512	36.3	0.0000244	0.000443	0.00037	0.00144
2110 May	207	0.0599	0.0336	0.00153	17.1	0.0479	87.1	0.000966	0.000966	0.00000491	0.00714	0.00153	0.0448	0.0246	0.00000512	36.3	0.0000245	0.000444	0.000373	0.00144
2110 Jun	203	0.0597	0.0339	0.00152	17.5	0.0463	84.1	0.000961	0.000961	0.00000488	0.00705	0.00154	0.0433	0.0256	0.00000509	36.5	0.0000244	0.000447	0.000391	0.00143
2110 Jul	207	0.0597	0.0341	0.00152	17.5	0.047	86.8	0.000962	0.000962	0.00000489	0.00708	0.00155	0.0446	0.0256	0.00000511	37	0.0000247	0.000453	0.000393	0.00145
2110 Aug	203	0.0572	0.0333	0.00151	17	0.0473	85.2	0.000958	0.000958	0.00000487	0.00694	0.00153	0.0439	0.0247	0.00000508	36	0.0000237	0.000439	0.000375	0.00143
2110 Sep	202	0.0582	0.0334	0.00152	16.9	0.0477	85.4	0.000953	0.000953	0.00000484	0.00693	0.00151	0.044	0.0241	0.00000505	35.7	0.0000235	0.000433	0.000364	0.00142
2110 Oct	200	0.0594	0.0334	0.00152	16.9	0.0479	84.8	0.000949	0.000949	0.00000482	0.00694	0.00149	0.0438	0.0237	0.00000503	35.2	0.0000233	0.000427	0.000355	0.00141
2110 Nov	199	0.0596	0.0335	0.00153	16.8	0.0479	84.5	0.000948	0.000948	0.00000481	0.00693	0.00148	0.0436	0.0236	0.00000503	35.1	0.0000232	0.000425	0.000353	0.00141
2110 Dec	199	0.0596	0.0334	0.00153	16.8	0.0479	84.5	0.000948	0.000948	0.00000482	0.00693	0.00148	0.0436	0.0236	0.00000503	35.1	0.0000232	0.000425	0.000353	0.00141
2111 Jan	199	0.0596	0.0334	0.00153	16.8	0.0479	84.5	0.000948	0.000948	0.00000482	0.00693	0.00148	0.0436	0.0236	0.00000503	35.1	0.0000232	0.000425	0.000353	0.00141
2111 Feb	199	0.0596	0.0334	0.00153	16.8	0.0479	84.5	0.000948	0.000948	0.00000482	0.00693	0.00148	0.0436	0.0236	0.00000503	35.1	0.0000232	0.000426	0.000353	0.00141
2111 Mar	199	0.0597	0.0334	0.00153	16.9	0.0479	84.5	0.000948	0.000948	0.00000482	0.00694	0.00148	0.0437	0.0236	0.00000503	35.1	0.0000232	0.000426	0.000354	0.00141
2111 Apr	200	0.0597	0.0335	0.00153	16.9	0.048	84.6	0.000949	0.000949	0.00000482	0.00694	0.00148	0.0437	0.0236	0.00000503	35.1	0.0000232	0.000426	0.000354	0.00141
2111 May	198	0.0599	0.0335	0.00153	17	0.0476	83.6	0.000951	0.000951	0.00000483	0.00694	0.00149	0.0432	0.0239	0.00000504	35.1	0.0000232	0.000427	0.000358	0.00141
2111 Jun	193	0.06	0.0337	0.00151	17.3	0.0459	79.7	0.00095	0.00095	0.00000482	0.0069	0.0015	0.0414	0.0248	0.00000502	35	0.0000231	0.000427	0.000375	0.0014
2111 Jul	196	0.0603	0.0339	0.00152	17.4	0.0464	81.2	0.000956	0.000956	0.00000485	0.00694	0.00152	0.042	0.025	0.00000505	35.4	0.0000234	0.000432	0.000377	0.00141
2111 Aug	197	0.0595	0.0334	0.00151	17.2	0.0469	81.9	0.000955	0.000955	0.00000485	0.00691	0.00151	0.0424	0.0247	0.00000505	35.4	0.0000231	0.00043	0.000372	0.00141
2111 Sep	198	0.0593	0.0332	0.00151	17.1	0.0474	83.1	0.000953	0.000953	0.00000484	0.0069	0.00151	0.043	0.0245	0.00000505	35.5	0.0000231	0.000431	0.000368	0.00141
2111 Oct	198	0.0597	0.0334	0.00152	17.1	0.0476	83.2	0.00095	0.00095	0.00000483	0.00689	0.0015	0.0431	0.0242	0.00000503	35.3	0.000023	0.000429	0.000363	0.00141
2111 Nov	196	0.0603	0.0333	0.00152	17	0.0475	82.3	0.000949	0.000949	0.00000482	0.0069	0.00149	0.0427	0.024	0.00000502	34.9	0.0000228	0.000424	0.000358	0.0014
2111 Dec	196	0.0604	0.0333	0.00152	17	0.0475	82.3	0.000949	0.000949	0.00000482	0.0069	0.00149	0.0427	0.024	0.00000502	34.9	0.0000228	0.000424	0.000358	0.0014
2112 Jan	196	0.0604	0.0333	0.00152	17	0.0475	82.3	0.000949	0.000949	0.00000482	0.0069	0.00149	0.0427	0.024	0.00000502	34.9	0.0000228	0.000424	0.000358	0.0014
2112 Feb	196	0.0604	0.0333	0.00152	17	0.0475	82.3	0.000949	0.000949	0.00000482	0.0069	0.00149	0.0427	0.024	0.00000502	35	0.0000228	0.000424	0.000358	0.0014
2112 Mar	196	0.0604	0.0333	0.00152	17	0.0475	82.3	0.000949	0.000949	0.00000482	0.0069	0.00149	0.0427	0.024	0.00000502	35	0.0000228	0.000424	0.000359	0.0014
2112 Apr	196	0.0605	0.0333	0.00152	17	0.0476	82.4	0.00095	0.00095	0.00000482	0.0069	0.00149	0.0427	0.024	0.00000503	35	0.0000229	0.000425	0.000359	0.00141
2112 May	195	0.0607	0.0334	0.00152	17.2	0.0471	81.1	0.000951	0.000951	0.00000483	0.0069	0.0015	0.0421	0.0244	0.00000503	35	0.0000229	0.000426	0.000365	0.0014
2112 Jun	190	0.0599	0.0339	0.00151	17.4	0.0452	77.9	0.000945	0.000945	0.00000479	0.00681	0.0015	0.0405	0.0251	0.00000499	34.8	0.0000228	0.000425	0.000378	0.00139
2112 Jul	194	0.0594	0.034	0.00152	17.3	0.0459	80.7	0.000946	0.000946	0.0000048	0.00684	0.00151	0.0418	0.0249	0.000005	35.3	0.0000231	0.000431	0.000378	0.0014
2112 Aug	197	0.0595	0.0341	0.00152	17.4	0.0465	82.5	0.000949	0.000949	0.00000482	0.00687	0.00152	0.0426	0.025	0.00000502	35.7	0.0000233	0.000435	0.000379	0.00142
2112 Sep	201	0.0594	0.034	0.00152	17.3	0.0473	85.2	0.000947	0.000947	0.00000481	0.00688	0.00152	0.0439	0.0249	0.00000503	36.2	0.0000235	0.00044	0.000379	0.00143
2112 Oct	203	0.0596	0.0339	0.00152	17.3	0.0477	86.5	0.000946	0.000946	0.00000481	0.00689	0.00152	0.0445	0.0248	0.00000502	36.4	0.0000236	0.000442	0.000378	0.00143
2112 Nov	203	0.0597	0.0339	0.00152	17.3	0.0477	86.6	0.000946	0.000946	0.00000481	0.0069	0.00152	0.0445	0.0248	0.00000502	36.4	0.0000236	0.000442	0.000377	0.00144
2112 Dec	203	0.0597	0.0338	0.00152	17.3	0.0477	86.6	0.000946	0.000946	0.00000481	0.0069	0.00152	0.0445	0.0248	0.00000502	36.4	0.0000236	0.000442	0.000377	0.00144
2113 Jan	203	0.0598	0.0338	0.00152	17.3	0.0477	86.6	0.000946	0.000946	0.00000481	0.0069	0.00152	0.0445	0.0248	0.00000502	36.4	0.0000236	0.000442	0.000377	0.00144
2113 Feb	203	0.0598	0.0338	0.00152	17.3	0.0477	86.6	0.000946	0.000946	0.00000481	0.0069	0.00152	0.0445	0.0248	0.00000502	36.4	0.0000236	0.000443	0.000378	0.00144
2113 Mar	203	0.0598	0.0339	0.00152	17.3	0.0478	86.7	0.000946	0.000946	0.00000481	0.0069	0.00152	0.0446	0.0248	0.00000503	36.4	0.0000236	0.000443	0.000378	0.00144
2113 Apr	203	0.0598	0.0339	0.00152	17.3	0.0478	86.7	0.000947	0.000947	0.00000481	0.00691	0.00153	0.0446	0.0248	0.00000503	36.5	0.0000236	0.000443	0.000378	0.00144
2113 May	202	0.06	0.0339	0.00152	17.4	0.0475	85.9	0.000948	0.000948	0.00000482	0.00691	0.00153	0.0442	0.0251	0.00000503	36.5	0.0000236	0.000444	0.000382	0.00144
2113 Jun	201	0.06	0.0342	0.00151	17.6	0.0467	84.7	0.000946	0.000946	0.00000481	0.00687	0.00154	0.0436	0.0257	0.00000502	36.7	0.0000236	0.000447	0.000394	0.00144
2113 Jul	204	0.0601	0.0344	0.00152	17.6	0.0472	86.6	0.00095	0.00095	0.00000483	0.00691	0.00155	0.0444	0.0257	0.00000504	37.1	0.0000239	0.000452	0.000396	0.00145
2113 Aug	207	0.0601	0.0345	0.00152	17.7	0.0477	88.1	0.000952	0.000952	0.00000484	0.00693	0.00156	0.0451	0.0258	0.00000506	37.5	0.000024	0.000455	0.000397	0.00146
2113 Sep	210	0.0604	0.0343	0.00152	17.6	0.0483	89.8	0.00095	0.00095	0.00000483	0.00695	0.00156	0.0459	0.0256	0.00000506	37.7	0.0000241	0.000458	0.000395	0.00147
2113 Oct	207	0.0616	0.034	0.00152	17.4	0.0484	88.7	0.000945	0.000945	0.0000048	0.00695	0.00154	0.0454	0.0251	0.00000503	37.1	0.0000238	0.000449	0.000383	0.00146
2113 Nov	206	0.062	0.0339	0.00152	17.4	0.0484	88.1	0.000945	0.000945	0.0000048	0.00696	0.00153	0.0451	0.0249	0.00000502	36.9	0.0000237	0.000446	0.00038	0.00145
2113 Dec	206	0.062	0.0339	0.00152	17.4	0.0484	88	0.000945	0.000945	0.0000048	0.00696	0.00153	0.0451	0.0249	0.00000502	36.8	0.0000237	0.000446	0.00038	0.00145
2114 Jan	206	0.0621	0.0339	0.00152	17.4	0.0484	88	0.000945	0.000945	0.0000048	0.00696	0.00153	0.0451	0.0249	0.00000502	36.8	0.0000237	0.000446	0.00038	0.00145
2114 Feb	206	0.0621	0.0339	0.00152	17.4	0.0484	88	0.000945	0.000945	0.0000048	0.00696	0.00153	0.0451	0.0249	0.00000502	36.9	0.0000237	0.000446	0.00038	0.00145
2114 Mar	206	0.0621	0.0339	0.00152	17.4	0.0484	88	0.000945	0.000945	0.0000048	0.00696	0.00153	0.0451	0.025	0.00000502	36.9	0.0000237	0.000446	0.00038	0.00145
2114 Apr	206	0.0621	0.0339	0.00152	17.4	0.0484	88.1	0.000945	0.000945	0.00000481	0.00696	0.00153	0.0452	0.025	0.00000503	36.9	0.0000237	0.000447	0.00038	0.00145
2114 May	204	0.0622	0.034	0.00152	17.6	0.0477	86.4	0.000946	0.000946	0.00000481	0.00695	0.00154	0.0444	0.0253	0.00000503	36.8	0.0000237	0.000447	0.000387	0.00145
2114 Jun	205	0.0623	0.0342	0.00151	17.7	0.0476	87	0.000947	0.000947	0.00000481	0.00695	0.00156	0.0446	0.0259	0.00000503	37.4	0.0000239	0.000454	0.000398	0.00146
2114 Jul	209	0.0626	0.0344	0.00152	17.8	0.0484	89.7	0.000952	0.000952	0.00000484	0.00701	0.00158	0.0459	0.026	0.00000507	38	0.0000243	0.000461	0.000401	0.00148

2114 Aug	212	0.063	0.0346	0.00153	17.9	0.049	91.5	0.000958	0.000958	0.00000487	0.00706	0.00159	0.0467	0.0262	0.0000051	38.5	0.0000245	0.000466	0.000404	0.0015
2114 Sep	216	0.0631	0.0344	0.00153	17.8	0.0497	93.7	0.000955	0.000955	0.00000486	0.00706	0.00159	0.0477	0.026	0.00000509	38.9	0.0000246	0.00047	0.000402	0.0015
2114 Oct	216	0.0636	0.0339	0.00151	17.7	0.05	94.2	0.000951	0.000951	0.00000484	0.00707	0.00158	0.048	0.0258	0.00000508	38.8	0.0000246	0.000468	0.000397	0.0015
2114 Nov	214	0.0642	0.0337	0.00151	17.6	0.05	93.2	0.000949	0.000949	0.00000483	0.00708	0.00157	0.0475	0.0255	0.00000506	38.4	0.0000244	0.000464	0.000392	0.00149
2114 Dec	214	0.0643	0.0336	0.00151	17.6	0.05	93.1	0.000949	0.000949	0.00000483	0.00708	0.00157	0.0475	0.0255	0.00000506	38.4	0.0000244	0.000463	0.000391	0.00149
2115 Jan	214	0.0644	0.0336	0.00151	17.6	0.05	93.1	0.000949	0.000949	0.00000483	0.00708	0.00157	0.0475	0.0255	0.00000506	38.4	0.0000244	0.000463	0.000391	0.00149
2115 Feb	214	0.0644	0.0336	0.00151	17.6	0.05	93.1	0.000949	0.000949	0.00000483	0.00708	0.00157	0.0475	0.0255	0.00000506	38.4	0.0000244	0.000463	0.000391	0.00149
2115 Mar	214	0.0644	0.0336	0.00151	17.6	0.05	93.1	0.000949	0.000949	0.00000483	0.00708	0.00157	0.0475	0.0255	0.00000506	38.4	0.0000244	0.000463	0.000391	0.00149
2115 Apr	214	0.0644	0.0337	0.00151	17.6	0.05	93.1	0.00095	0.00095	0.00000483	0.00709	0.00157	0.0475	0.0255	0.00000507	38.4	0.0000244	0.000464	0.000392	0.0015
2115 May	212	0.0645	0.0338	0.00151	17.7	0.0495	91.7	0.000951	0.000951	0.00000484	0.00707	0.00157	0.0468	0.0257	0.00000507	38.3	0.0000244	0.000462	0.000395	0.00149
2115 Jun	215	0.0646	0.034	0.00152	17.8	0.0498	93.4	0.000953	0.000953	0.00000485	0.00709	0.00159	0.0476	0.0261	0.00000508	38.9	0.0000246	0.000469	0.000402	0.00151
2115 Jul	218	0.0648	0.0342	0.00152	17.9	0.0504	95.3	0.000957	0.000957	0.00000487	0.00714	0.0016	0.0485	0.0262	0.00000511	39.3	0.0000249	0.000475	0.000404	0.00152
2115 Aug	221	0.0644	0.034	0.00152	17.8	0.0508	96.4	0.000954	0.000954	0.00000486	0.00711	0.0016	0.0489	0.026	0.0000051	39.4	0.0000248	0.000475	0.000401	0.00152
2115 Sep	223	0.0642	0.0339	0.00152	17.7	0.0514	98.2	0.000953	0.000953	0.00000486	0.00712	0.0016	0.0498	0.0258	0.0000051	39.7	0.0000249	0.000478	0.0004	0.00153
2115 Oct	225	0.0642	0.034	0.00152	17.7	0.0517	99.4	0.000952	0.000952	0.00000485	0.00712	0.0016	0.0503	0.0258	0.0000051	39.9	0.000025	0.00048	0.0004	0.00153
2115 Nov	224	0.0643	0.0341	0.00152	17.7	0.0516	99.1	0.000951	0.000951	0.00000485	0.00711	0.0016	0.0502	0.0257	0.00000509	39.7	0.0000249	0.000478	0.000397	0.00153
2115 Dec	224	0.0644	0.034	0.00152	17.7	0.0516	98.9	0.000951	0.000951	0.00000485	0.00712	0.0016	0.0501	0.0256	0.00000509	39.7	0.0000249	0.000477	0.000396	0.00153
2116 Jan	224	0.0645	0.034	0.00152	17.7	0.0516	98.9	0.000951	0.000951	0.00000485	0.00712	0.0016	0.0501	0.0256	0.00000509	39.7	0.0000249	0.000477	0.000396	0.00153
2116 Feb	224	0.0645	0.034	0.00152	17.7	0.0516	98.9	0.000951	0.000951	0.00000485	0.00712	0.0016	0.0501	0.0257	0.00000509	39.7	0.0000249	0.000477	0.000397	0.00153
2116 Mar	224	0.0645	0.034	0.00152	17.7	0.0516	98.9	0.000951	0.000951	0.00000485	0.00712	0.0016	0.0501	0.0257	0.00000509	39.7	0.0000249	0.000477	0.000397	0.00153
2116 Apr	224	0.0645	0.034	0.00152	17.7	0.0517	99	0.000952	0.000952	0.00000485	0.00712	0.0016	0.0501	0.0257	0.0000051	39.7	0.0000249	0.000477	0.000397	0.00153
2116 May	223	0.0646	0.0341	0.00152	17.8	0.0513	98.2	0.000953	0.000953	0.00000485	0.00712	0.0016	0.0498	0.0259	0.0000051	39.7	0.0000249	0.000478	0.000401	0.00153
2116 Jun	217	0.0632	0.0344	0.00151	17.9	0.0495	94.5	0.000948	0.000948	0.00000482	0.00703	0.0016	0.048	0.0263	0.00000506	39.2	0.0000248	0.000475	0.000409	0.00151
2116 Jul	222	0.0633	0.0346	0.00152	17.9	0.0503	97.6	0.000951	0.000951	0.00000484	0.00708	0.00161	0.0494	0.0264	0.00000509	39.9	0.0000251	0.000482	0.000412	0.00153
2116 Aug	224	0.0636	0.0348	0.00153	18	0.0508	99	0.000955	0.000955	0.00000487	0.00712	0.00162	0.0501	0.0265	0.00000511	40.3	0.0000253	0.000487	0.000414	0.00154
2116 Sep	226	0.0643	0.0342	0.00152	17.8	0.0514	100	0.000952	0.000952	0.00000485	0.00714	0.00162	0.0506	0.0262	0.0000051	40.3	0.0000253	0.000485	0.000408	0.00154
2116 Oct	224	0.0651	0.0339	0.00151	17.7	0.0516	99.8	0.000948	0.000948	0.00000483	0.00715	0.0016	0.0505	0.0258	0.00000508	40	0.0000252	0.000481	0.0004	0.00154
2116 Nov	224	0.0652	0.0339	0.00151	17.7	0.0517	99.8	0.000948	0.000948	0.00000483	0.00715	0.0016	0.0505	0.0257	0.00000508	40	0.0000251	0.000481	0.000399	0.00154
2116 Dec	224	0.0653	0.0339	0.00151	17.7	0.0517	99.8	0.000948	0.000948	0.00000483	0.00715	0.0016	0.0505	0.0257	0.00000508	40	0.0000251	0.000481	0.000399	0.00154
2117 Jan	224	0.0653	0.0339	0.00151	17.7	0.0517	99.8	0.000948	0.000948	0.00000483	0.00715	0.0016	0.0505	0.0257	0.00000508	40	0.0000251	0.000481	0.000399	0.00154
2117 Feb	224	0.0653	0.0339	0.00151	17.7	0.0517	99.8	0.000948	0.000948	0.00000483	0.00715	0.0016	0.0505	0.0257	0.00000508	40	0.0000251	0.000481	0.000399	0.00154
2117 Mar	224	0.0653	0.0339	0.00151	17.7	0.0517	99.8	0.000948	0.000948	0.00000483	0.00715	0.0016	0.0505	0.0257	0.00000508	40	0.0000251	0.000481	0.000399	0.00154
2117 Apr	225	0.0653	0.0339	0.00152	17.7	0.0517	99.9	0.000949	0.000949	0.00000483	0.00716	0.0016	0.0506	0.0258	0.00000509	40	0.0000252	0.000481	0.000399	0.00154
2117 May	224	0.0654	0.034	0.00152	17.8	0.0514	99	0.000951	0.000951	0.00000484	0.00716	0.00161	0.0502	0.0259	0.00000509	40	0.0000252	0.000481	0.000403	0.00154
2117 Jun	222	0.0654	0.0341	0.00151	17.9	0.0508	97.7	0.000952	0.000952	0.00000485	0.00715	0.00162	0.0495	0.0264	0.00000509	40	0.0000252	0.000482	0.000411	0.00153
2117 Jul	225	0.0657	0.0343	0.00152	18	0.0513	99	0.000957	0.000957	0.00000488	0.00719	0.00163	0.0501	0.0265	0.00000512	40.4	0.0000254	0.000487	0.000413	0.00155
2117 Aug	227	0.0658	0.0345	0.00153	18.1	0.0516	100	0.00096	0.00096	0.00000489	0.00721	0.00163	0.0506	0.0266	0.00000514	40.6	0.0000255	0.000489	0.000414	0.00156
2117 Sep	229	0.0659	0.0345	0.00153	18.1	0.052	102	0.00096	0.00096	0.00000489	0.00723	0.00164	0.0512	0.0266	0.00000515	40.9	0.0000256	0.000492	0.000415	0.00156
2117 Oct	230	0.0661	0.0344	0.00153	18	0.0523	102	0.000959	0.000959	0.00000488	0.00723	0.00164	0.0516	0.0265	0.00000514	41	0.0000257	0.000493	0.000413	0.00157
2117 Nov	230	0.0662	0.0343	0.00153	18	0.0523	102	0.000958	0.000958	0.00000488	0.00724	0.00164	0.0515	0.0264	0.00000514	40.9	0.0000256	0.000492	0.000412	0.00156
2117 Dec	230	0.0663	0.0342	0.00152	18	0.0523	102	0.000958	0.000958	0.00000488	0.00724	0.00163	0.0514	0.0264	0.00000514	40.9	0.0000256	0.000492	0.000411	0.00156
2118 Jan	230	0.0663	0.0342	0.00152	18	0.0523	102	0.000958	0.000958	0.00000488	0.00724	0.00163	0.0514	0.0264	0.00000514	40.9	0.0000256	0.000492	0.000411	0.00156
2118 Feb	230	0.0663	0.0342	0.00152	18	0.0522	102	0.000958	0.000958	0.00000488	0.00724	0.00163	0.0514	0.0264	0.00000514	40.9	0.0000256	0.000492	0.000412	0.00156
2118 Mar	230	0.0663	0.0342	0.00152	18	0.0522	102	0.000958	0.000958	0.00000488	0.00724	0.00163	0.0514	0.0264	0.00000514	40.9	0.0000256	0.000492	0.000412	0.00156
2118 Apr	230	0.0664	0.0342	0.00153	18	0.0523	102	0.000958	0.000958	0.00000488	0.00724	0.00164	0.0514	0.0264	0.00000514	40.9	0.0000256	0.000492	0.000412	0.00156
2118 May	224	0.0664	0.0341	0.00151	18.2	0.0508	97.7	0.000959	0.000959	0.00000488	0.0072	0.00164	0.0495	0.027	0.00000513	40.5	0.0000254	0.000488	0.000421	0.00155
2118 Jun	218	0.0658	0.0347	0.00152	18.4	0.0489	93.1	0.000955	0.000955	0.00000486	0.0071	0.00163	0.0472	0.0275	0.00000509	39.8	0.000025	0.000483	0.00043	0.00153
2118 Jul	221	0.0662	0.035	0.00153	18.5	0.0495	94.7	0.000961	0.000961	0.00000489	0.00716	0.00165	0.048	0.0277	0.00000513	40.3	0.0000253	0.000488	0.000433	0.00154
2118 Aug	223	0.0658	0.0348	0.00152	18.4	0.0499	95.8	0.000959	0.000959	0.00000488	0.00714	0.00165	0.0485	0.0275	0.00000512	40.4	0.0000252	0.000489	0.000429	0.00154
2118 Sep	222	0.0663	0.0343	0.00152	18.2	0.0504	96.4	0.000953	0.000953	0.00000485	0.00714	0.00163	0.0488	0.0269	0.00000509	40.1	0.000025	0.000484	0.000418	0.00154
2118 Oct	221	0.0668	0.0344	0.00152	18.1	0.0506	96.3	0.00095	0.00095	0.00000484	0.00713	0.00161	0.0488	0.0265	0.00000508	39.7	0.0000249	0.000479	0.00041	0.00153
2118 Nov	221	0.067	0.0343	0.00152	18	0.0506	95.9	0.00095	0.00095	0.00000483	0.00714	0.00161	0.0486	0.0263	0.00000507	39.6	0.0000248	0.000477	0.000407	0.00153
2118 Dec	220	0.0671	0.0343	0.00152	18	0.0506	95.8	0.00095	0.00095	0.00000483	0.00714	0.00161	0.0486	0.0263	0.00000507	39.6	0.0000248	0.000477	0.000407	0.00153
2119 Jan	220	0.0671	0.0343	0.00152	18	0.0506	95.8	0.00095	0.00095	0.00000483	0.00714	0.00161	0.0486	0.0263	0.00000507	39.6	0.0000248	0.000477	0.000407	0.00153
2119 Feb	220	0.0671	0.0343	0.00152	18	0.0506	95.8	0.00095	0.00095	0.00000483	0.00714	0.00161	0.0486	0.0264	0.00000507	39.6	0.0000248	0.000477	0.000407	0.00153
2119 Mar	221	0.0671	0.0343	0.00152	18	0.0506	95.8	0.00095	0.00095	0.00000484	0.00714	0.00161	0.0486	0.0264	0.00000508	39.6	0.0000248	0.000477	0.000408	0.00153
2119 Apr	221	0.0673	0.0344	0.00152	18.1	0.0506	95.8	0.000951	0.000951	0.00000484	0.00714	0.00161	0.0486	0.0265	0.00000508	39.6	0.0000248	0.000478	0.000409	0.00153
2119 May	215	0.0677	0.0349	0.00152	18.5	0.0491	91.6	0.00095	0.00095	0.00000483	0.00708	0.00162	0.0465	0.0273	0.00000506	39.4	0.0000245	0.000476	0.000423	0.00152
2119 Jun	217	0.0672	0.0352	0.00153	18.5	0.0491	92.6	0.000948	0.000948	0.00000483	0.00706	0.00162	0.047	0.0273	0.00000506	39.5	0.0000247	0.000478	0.000424	0.00152
2119 Jul	220	0.0673	0.0353	0.00153	18.5	0.0497	94.4	0.000954	0.000954	0.00000485	0.00711	0.00163	0.0478	0.0273	0.00000509	40	0.0000249	0.000483	0.000426	0.00153
2119 Aug	223	0.0672	0.0353	0.00154	18.5	0.0502	95.7	0.000956	0.000956	0.00000486	0.00713	0.00164	0.0484	0.0273	0.0000051	40.2	0.000025	0.000485	0.000426	0.00154
2119 Sep	225	0.0672	0.035	0.00153	18.3	0.0507	97.3	0.000952	0.000952	0.00000485	0.00713	0.00164	0.0492	0.0271	0.00000509	40.4	0.000025	0.000486	0.000422	0.00155
2119 Oct	225	0.0674	0.035	0.00153	18.3	0.0509	97.5	0.00095	0.00095	0.00000484	0.00712	0.00163	0.0493	0.0268	0.00000508	40.2	0.0000249	0.000484	0.000417	0.00154
2119 Nov	223	0.0678	0.0349	0.00153	18.2	0.0508	96.6	0.000949	0.000949	0.00000483	0.00713	0.00162	0.0489	0.0266	0.00000507	39.9	0.0000248	0.00048	0.000413	0.00154
2119 Dec	223	0.0678	0.0348	0.00153	18.2	0.0508	96.6	0.000949	0.000949	0.00000483	0.00713	0.00162	0.0489	0.0266	0.00000507	39.9	0.0000248	0.00048	0.000413	0.00154

Appendix D.2-20: PUM01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0367	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0289	0.0000315	0.00055	0.000206	0.236	0.00000625	0.00033	0.000692	0.00236	0.000049
Operation (2026-2036): Mean	0.0491	0.0000287	5.8	65	0.145	0.00576	968	0.0273	0.0425	0.000131	0.00158	0.000692	0.576	0.0000213	0.00116	0.00306	0.00332	0.000201
Operation (2026-2036): Max	0.0852	0.0000543	10.6	155	0.273	0.0101	2750	0.0609	0.0547	0.000547	0.00304	0.00147	1.07	0.0000552	0.00226	0.0109	0.00543	0.000478
Active Closure (2037-2043): Min	0.0231	0.00000535	1.49	11.3	0.0289	0.000782	97.9	0.00473	0.0111	0.0000791	0.000253	0.000146	0.103	0.00000242	0.000178	0.000349	0.00123	0.00000405
Active Closure (2037-2043): Mean	0.0362	0.00000955	1.85	17	0.047	0.00117	175	0.00703	0.0232	0.000169	0.0004	0.000201	0.148	0.00000316	0.000268	0.00058	0.00165	0.0000123
Active Closure (2037-2043): Max	0.0536	0.0000373	6.36	92.8	0.181	0.00664	1110	0.0383	0.0396	0.000256	0.00199	0.000937	0.655	0.0000114	0.00147	0.00198	0.00401	0.000104
Post Closure (2044-2119): Min	0.0417	0.00000963	1.42	10.5	0.0367	0.000703	6.25	0.00437	0.0314	0.000164	0.000292	0.000135	0.106	0.00000199	0.000174	0.000557	0.00169	8.95E-12
Post Closure (2044-2119): Mean	0.0642	0.0000115	1.75	12.1	0.0609	0.000809	18.6	0.00497	0.0439	0.000374	0.000339	0.000162	0.143	0.00000207	0.000195	0.00078	0.00185	0.000000327
Post Closure (2044-2119): Max	0.0766	0.0000124	1.94	14.1	0.0749	0.00092	99	0.00566	0.0487	0.000492	0.000391	0.000183	0.164	0.00000243	0.000218	0.000909	0.00201	0.00000406
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0.0411	0.0000237	7.9	53.2	0.143	0.00489	931	0.021	0.0522	0.0000639	0.00114	0.000561	0.762	0.0000276	0.000984	0.000906	0.00276	0.000317
2026 Feb	0.0416	0.0000237	7.88	53.1	0.144	0.00488	928	0.021	0.0522	0.0000667	0.00113	0.00056	0.76	0.0000275	0.000981	0.00091	0.00276	0.000316
2026 Mar	0.0419	0.0000237	7.87	53	0.144	0.00487	926	0.0209	0.0523	0.0000685	0.00113	0.000559	0.76	0.0000274	0.000979	0.000913	0.00276	0.000316
2026 Apr	0.0422	0.0000237	7.88	53	0.144	0.00487	926	0.0209	0.0524	0.0000699	0.00113	0.000559	0.76	0.0000274	0.000979	0.000916	0.00276	0.000316
2026 May	0.0425	0.0000239	7.92	53.8	0.146	0.00492	940	0.0212	0.0525	0.0000714	0.00115	0.000566	0.765	0.0000275	0.00099	0.000929	0.00279	0.000316
2026 Jun	0.0414	0.0000204	4.69	40.2	0.0991	0.00317	692	0.0159	0.045	0.0000977	0.000935	0.000417	0.446	0.0000138	0.000682	0.000923	0.00281	0.000146
2026 Jul	0.0412	0.0000198	4.18	37.6	0.0911	0.00288	645	0.0149	0.0441	0.0000994	0.000898	0.000391	0.394	0.0000117	0.00063	0.000918	0.00283	0.00012
2026 Aug	0.0411	0.0000216	4.58	43.7	0.102	0.00329	751	0.0172	0.0436	0.0000981	0.00101	0.000448	0.438	0.0000126	0.00072	0.000993	0.00298	0.00013
2026 Sep	0.0412	0.0000233	4.91	49.7	0.112	0.00367	859	0.0194	0.0432	0.0000969	0.00112	0.000501	0.473	0.0000131	0.000803	0.00107	0.00312	0.000137
2026 Oct	0.0413	0.0000259	5.26	59.3	0.125	0.00421	1040	0.0228	0.0423	0.0000934	0.00128	0.000582	0.514	0.0000131	0.000926	0.00119	0.00332	0.000135
2026 Nov	0.0413	0.0000258	5.24	59	0.125	0.00419	1030	0.0227	0.0424	0.000093	0.00127	0.000579	0.512	0.000013	0.000922	0.00118	0.00332	0.000135
2026 Dec	0.0413	0.0000258	5.24	59	0.125	0.00419	1030	0.0227	0.0424	0.000093	0.00127	0.000579	0.512	0.000013	0.000921	0.00118	0.00331	0.000135
2027 Jan	0.0414	0.0000258	5.23	58.9	0.125	0.00419	1030	0.0227	0.0424	0.0000931	0.00127	0.000579	0.512	0.000013	0.000921	0.00118	0.00331	0.000135
2027 Feb	0.0414	0.0000258	5.23	58.9	0.125	0.00419	1030	0.0227	0.0424	0.0000934	0.00127	0.000578	0.512	0.000013	0.000921	0.00118	0.00331	0.000135
2027 Mar	0.0414	0.0000258	5.23	58.9	0.125	0.00419	1030	0.0227	0.0424	0.0000936	0.00127	0.000578	0.512	0.000013	0.000921	0.00118	0.00331	0.000135
2027 Apr	0.0415	0.0000258	5.24	59	0.125	0.00419	1030	0.0227	0.0425	0.0000938	0.00127	0.000579	0.512	0.000013	0.000921	0.00118	0.00331	0.000135
2027 May	0.0416	0.0000259	5.26	59.3	0.126	0.00421	1040	0.0228	0.0425	0.0000942	0.00128	0.000582	0.514	0.000013	0.000926	0.00119	0.00333	0.000135
2027 Jun	0.0415	0.0000249	4.85	55.7	0.117	0.00391	959	0.0214	0.0423	0.0000959	0.00122	0.000546	0.472	0.0000117	0.000865	0.00116	0.00328	0.000118
2027 Jul	0.0415	0.0000231	4.45	48.7	0.106	0.00346	828	0.0189	0.0429	0.0000969	0.0011	0.000484	0.428	0.000011	0.000767	0.00108	0.00314	0.00011
2027 Aug	0.0416	0.0000231	4.45	48.5	0.105	0.00345	818	0.0188	0.0431	0.0000973	0.0011	0.000483	0.428	0.000011	0.000765	0.00108	0.00316	0.00011
2027 Sep	0.0417	0.0000272	5.16	63.7	0.129	0.00437	1050	0.0243	0.0418	0.0000916	0.00136	0.000615	0.507	0.0000117	0.000969	0.00126	0.00348	0.000118
2027 Oct	0.0416	0.0000288	5.59	69.4	0.14	0.00479	1130	0.0265	0.0419	0.000086	0.00146	0.00067	0.553	0.0000127	0.00106	0.00132	0.00358	0.00013
2027 Nov	0.0416	0.0000286	5.63	68.5	0.139	0.00478	1110	0.0262	0.0423	0.0000848	0.00144	0.000664	0.557	0.0000131	0.00105	0.00131	0.00355	0.000135
2027 Dec	0.0416	0.0000285	5.63	68.2	0.139	0.00477	1110	0.0261	0.0424	0.0000844	0.00144	0.000662	0.556	0.0000131	0.00105	0.0013	0.00354	0.000135
2028 Jan	0.0418	0.0000285	5.62	68.1	0.139	0.00476	1100	0.0261	0.0424	0.0000851	0.00144	0.00066	0.555	0.0000131	0.00105	0.0013	0.00354	0.000135
2028 Feb	0.042	0.0000285	5.61	68	0.139	0.00475	1100	0.0261	0.0425	0.0000863	0.00143	0.00066	0.555	0.0000131	0.00105	0.0013	0.00353	0.000135
2028 Mar	0.0421	0.0000285	5.61	67.9	0.139	0.00475	1100	0.026	0.0425	0.0000871	0.00143	0.000659	0.555	0.0000131	0.00105	0.0013	0.00353	0.000135
2028 Apr	0.0422	0.0000285	5.61	67.9	0.139	0.00475	1100	0.026	0.0425	0.0000877	0.00143	0.000659	0.555	0.0000131	0.00105	0.00131	0.00353	0.000135
2028 May	0.0424	0.0000285	5.63	68.1	0.139	0.00476	1100	0.0261	0.0427	0.0000884	0.00144	0.000661	0.557	0.0000131	0.00105	0.00131	0.00354	0.000135
2028 Jun	0.0414	0.0000229	4.26	47.6	0.103	0.00337	731	0.0186	0.0429	0.0000934	0.00108	0.000477	0.41	0.0000101	0.000751	0.00107	0.00314	0.0000993
2028 Jul	0.041	0.0000183	3.36	30.5	0.075	0.0023	434	0.0124	0.044	0.0000973	0.000794	0.000327	0.31	0.00000887	0.000518	0.000872	0.0028	0.0000843
2028 Aug	0.0432	0.0000213	4.24	38.4	0.094	0.00297	530	0.0157	0.0466	0.000101	0.00097	0.000412	0.399	0.0000116	0.000658	0.001	0.00314	0.000116
2028 Sep	0.0402	0.0000363	8.72	92.3	0.202	0.00708	1220	0.0369	0.0435	0.0000724	0.00199	0.000938	0.874	0.0000236	0.00153	0.00164	0.00427	0.000265
2028 Oct	0.0439	0.0000335	6.06	86.4	0.158	0.0059	1170	0.0326	0.045	0.0000388	0.00165	0.00081	0.612	0.0000113	0.00128	0.0014	0.00352	0.000112
2028 Nov	0.044	0.0000318	5.78	80.1	0.148	0.00554	1080	0.0303	0.0461	0.0000374	0.00154	0.000755	0.58	0.0000111	0.0012	0.00132	0.00335	0.000109
2028 Dec	0.0441	0.0000315	5.73	79.2	0.147	0.00548	1070	0.0299	0.0462	0.0000372	0.00152	0.000747	0.575	0.000011	0.00119	0.0013	0.00332	0.000108
2029 Jan	0.0444	0.0000314	5.71	78.8	0.146	0.00546	1060	0.0298	0.0463	0.0000389	0.00151	0.000743	0.573	0.0000109	0.00118	0.0013	0.00331	0.000107
2029 Feb	0.0447	0.0000314	5.7	78.6	0.146	0.00544	1060	0.0297	0.0464	0.0000413	0.00151	0.000742	0.572	0.0000109	0.00118	0.0013	0.00331	0.000107
2029 Mar	0.045	0.0000313	5.7	78.5	0.147	0.00543	1060	0.0297	0.0464	0.000043	0.00151	0.000741	0.572	0.0000109	0.00118	0.0013	0.0033	0.000107
2029 Apr	0.0452	0.0000313	5.7	78.4	0.147	0.00543	1060	0.0297	0.0465	0.0000442	0.00151	0.00074	0.571	0.0000109	0.00118	0.00131	0.0033	0.000106
2029 May	0.0454	0.0000316	5.73	79.2	0.148	0.00547	1070	0.0299	0.0465	0.0000453	0.00152	0.000747	0.575	0.0000109	0.00119	0.00132	0.00333	0.000106
2029 Jun	0.0436	0.0000302	4.56	74.9	0.132	0.00472	972	0.0279	0.0409	0.0000729	0.00148	0.00069	0.458	0.00000625	0.00106	0.00136	0.00351	0.000049
2029 Jul	0.0393	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0435	0.0000964	0.00055	0.000206	0.236	0.00000789	0.00033	0.000692	0.00241	0.0000737
2029 Aug	0.0399	0.0000154	2.83	16.1	0.058	0.00167	174	0.00908	0.0434	0.0000959	0.000608	0.000238	0.254	0.00000795	0.000379	0.000722	0.00246	0.0000739
2029 Sep	0.0393	0.0000306	6.09	63.7	0.151	0.00527	741	0.0301	0.0395	0.0000711	0.00158	0.000734	0.61	0.0000134	0.00117	0.0014	0.00356	0.00014
2029 Oct	0.0383	0.0000353	9.31	84.5	0.205	0.00728	948	0.0367	0.0447	0.0000491	0.00193	0.000931	0.933	0.0000267	0.00154	0.00154	0.00392	0.000305
2029 Nov	0.0407	0.0000213	6.47	37.8	0.117	0.00418	383	0.0177	0.0536	0.0000321	0.000946	0.000474	0.621	0.0000217	0.000836	0.0008	0.00245	0.000246
2029 Dec	0.041	0.0000208	6.21	36.2	0.112	0.00402	367	0.0169	0.0537	0.0000315	0.000905	0.000454	0.595	0.0000207	0.000802	0.000774	0.00239	0.000233
2030 Jan	0.0419	0.0000206	6.15	35.7	0.112	0.00397	362	0.0167	0.0539	0.0000365	0.000892	0.000448	0.588	0.0000204	0.000791	0.000776	0.00238	0.00023
2030 Feb	0.0431	0.0000206	6.12	35.5	0.112	0.00394	359	0.0166	0.054	0.0000438	0.000887	0.000446	0.586	0.0000203	0.000785	0.000786	0.00237	0.000228
2030 Mar	0.0438	0.0000205	6.11	35.4	0.113	0.00392	357	0.0165	0.0541	0.0000485	0.000884	0.000444	0.585	0.0000202	0.000782	0.000793	0.00237	0.000227
2030 Apr	0.0444	0.0000205	6.11	35.3	0.113	0.00391	356	0.0165	0.0542	0.0000518	0.000882	0.000444	0.584	0.0000202	0.00078	0.000799	0.00236	0.000226
2030 May	0.0451	0.0000207	6.15	35.6	0.114	0.00394	359	0.0166	0.0547	0.0000545	0.000889	0.000447	0.588	0.0000203	0.000786	0.000809	0.00238	0.000227
2030 Jun	0.0407	0.0000194	3.58	30.4	0.0818	0.00261	337	0.0145	0.0434	0.0000873	0.000858	0.000367	0.336	0.00000873	0.000584	0.000912	0.00275	0.0000829
2030 Jul	0.0395	0.0000175	3.41	22.5	0.0728	0.0022	229	0.012	0.043	0.0000943	0.000758	0.000308	0.315	0.00000942	0.000494	0.000841	0.00268	0.000092

2030 Aug	0.041	0.0000248	5.09	45.7	0.118	0.00387	472	0.0214	0.0431	0.0000935	0.00122	0.000538	0.494	0.000013	0.000859	0.00116	0.00332	0.000134
2030 Sep	0.039	0.0000411	9.16	99.2	0.226	0.00791	1030	0.0439	0.0382	0.000075	0.0023	0.00108	0.931	0.0000222	0.00173	0.00189	0.00461	0.000246
2030 Oct	0.0367	0.0000427	10.6	103	0.248	0.00877	1050	0.047	0.0387	0.000059	0.00244	0.00116	1.07	0.0000279	0.00189	0.00194	0.00463	0.000318
2030 Nov	0.0381	0.0000345	9.17	78	0.2	0.00708	777	0.0359	0.0447	0.0000487	0.00188	0.000904	0.917	0.0000264	0.0015	0.0015	0.00381	0.000301
2030 Dec	0.0385	0.0000335	8.85	74.9	0.192	0.00682	746	0.0345	0.0452	0.0000475	0.0018	0.000869	0.883	0.0000254	0.00144	0.00145	0.0037	0.000289
2031 Jan	0.0394	0.0000332	8.74	73.8	0.191	0.00672	734	0.034	0.0455	0.0000523	0.00177	0.000857	0.872	0.000025	0.00142	0.00144	0.00366	0.000285
2031 Feb	0.0406	0.000033	8.7	73.3	0.191	0.00667	729	0.0337	0.0457	0.0000595	0.00176	0.000851	0.868	0.0000249	0.00141	0.00145	0.00364	0.000282
2031 Mar	0.0414	0.0000329	8.67	73	0.191	0.00664	725	0.0336	0.0458	0.0000643	0.00175	0.000847	0.865	0.0000247	0.00141	0.00145	0.00363	0.000281
2031 Apr	0.0421	0.0000329	8.68	73	0.192	0.00664	725	0.0336	0.046	0.000068	0.00175	0.000847	0.866	0.0000247	0.0014	0.00146	0.00364	0.000281
2031 May	0.0478	0.0000322	8.59	71	0.194	0.00644	724	0.0325	0.0474	0.000133	0.00171	0.000828	0.855	0.0000244	0.00136	0.00149	0.00362	0.000277
2031 Jun	0.0801	0.0000213	4.62	38.1	0.144	0.00306	429	0.0174	0.0489	0.000547	0.000989	0.000473	0.449	0.00000949	0.000689	0.00144	0.00281	0.0000919
2031 Jul	0.0741	0.000025	5.28	48.9	0.157	0.00385	609	0.0221	0.0477	0.000468	0.00122	0.000579	0.519	0.0000109	0.000865	0.00154	0.00318	0.000108
2031 Aug	0.0439	0.0000476	9.41	126	0.262	0.00909	2040	0.0529	0.0313	0.000145	0.0027	0.00129	0.976	0.000018	0.00202	0.00226	0.005	0.000193
2031 Sep	0.0415	0.0000543	8.84	155	0.273	0.0101	2750	0.0609	0.0289	0.0000616	0.00304	0.00147	0.938	0.0000108	0.00226	0.00248	0.00543	0.000101
2031 Oct	0.0436	0.0000434	6.93	121	0.207	0.00774	2160	0.0458	0.0378	0.0000425	0.00229	0.00111	0.724	0.00000875	0.00173	0.0019	0.00437	0.0000776
2031 Nov	0.0438	0.0000413	6.64	113	0.195	0.00732	2020	0.043	0.0392	0.0000411	0.00215	0.00105	0.689	0.00000868	0.00163	0.0018	0.00417	0.0000771
2031 Dec	0.0438	0.000041	6.59	112	0.193	0.00726	2010	0.0426	0.0393	0.0000409	0.00213	0.00104	0.684	0.00000862	0.00161	0.00178	0.00415	0.0000764
2032 Jan	0.044	0.0000409	6.57	112	0.193	0.00723	2000	0.0425	0.0394	0.0000421	0.00212	0.00103	0.682	0.00000859	0.00161	0.00178	0.00414	0.0000761
2032 Feb	0.0443	0.0000408	6.56	112	0.193	0.00722	1990	0.0424	0.0395	0.0000439	0.00212	0.00103	0.681	0.00000858	0.0016	0.00178	0.00413	0.000076
2032 Mar	0.0445	0.0000408	6.56	112	0.193	0.00721	1990	0.0423	0.0395	0.0000451	0.00212	0.00103	0.681	0.00000857	0.0016	0.00178	0.00413	0.0000759
2032 Apr	0.0447	0.0000408	6.56	112	0.193	0.00721	1990	0.0423	0.0396	0.000046	0.00212	0.00103	0.681	0.00000857	0.0016	0.00178	0.00413	0.0000759
2032 May	0.0449	0.000041	6.61	112	0.194	0.00725	2000	0.0425	0.0398	0.0000469	0.00213	0.00104	0.686	0.0000087	0.00161	0.00179	0.00415	0.0000774
2032 Jun	0.053	0.0000285	4.92	65.4	0.128	0.007	1160	0.0274	0.0377	0.00013	0.00186	0.000694	0.489	0.0000328	0.00125	0.0065	0.00336	0.000367
2032 Jul	0.049	0.000023	4.33	42.4	0.102	0.00566	703	0.0206	0.0376	0.00013	0.00151	0.000529	0.42	0.0000313	0.000986	0.00576	0.003	0.000352
2032 Aug	0.049	0.0000243	4.49	46.9	0.108	0.00588	786	0.0222	0.0371	0.000128	0.00158	0.000566	0.438	0.0000309	0.00104	0.00574	0.00309	0.000347
2032 Sep	0.0506	0.0000254	4.74	50.5	0.114	0.00649	852	0.0237	0.0365	0.000133	0.00171	0.000607	0.464	0.0000349	0.00113	0.00653	0.00316	0.000393
2032 Oct	0.0532	0.0000258	5.04	51.1	0.118	0.00726	858	0.0246	0.0362	0.000143	0.00185	0.000633	0.494	0.000042	0.00122	0.00783	0.00317	0.000478
2032 Nov	0.0528	0.0000255	5.04	50.4	0.117	0.0071	845	0.0242	0.037	0.000138	0.00181	0.000623	0.493	0.0000408	0.0012	0.00753	0.00313	0.000465
2032 Dec	0.0522	0.0000249	4.93	48.6	0.113	0.00679	810	0.0233	0.0382	0.000131	0.00172	0.000599	0.481	0.0000389	0.00115	0.00709	0.00305	0.000442
2033 Jan	0.0526	0.0000248	4.91	48.2	0.113	0.00674	804	0.0231	0.0383	0.000133	0.00171	0.000595	0.478	0.0000386	0.00114	0.00704	0.00303	0.000438
2033 Feb	0.053	0.0000247	4.9	48.1	0.113	0.00672	801	0.023	0.0384	0.000135	0.0017	0.000594	0.478	0.0000385	0.00114	0.00702	0.00303	0.000437
2033 Mar	0.0533	0.0000247	4.9	48	0.114	0.00671	800	0.023	0.0385	0.000137	0.0017	0.000593	0.478	0.0000384	0.00113	0.00702	0.00302	0.000436
2033 Apr	0.0535	0.0000247	4.91	48	0.114	0.00671	800	0.023	0.0386	0.000138	0.0017	0.000593	0.478	0.0000384	0.00113	0.00702	0.00303	0.000436
2033 May	0.0647	0.0000226	4.63	42	0.118	0.00566	684	0.0199	0.0422	0.000287	0.00147	0.000528	0.447	0.0000323	0.000972	0.00593	0.00287	0.000363
2033 Jun	0.08	0.0000222	4.78	41.3	0.134	0.00616	663	0.0199	0.0432	0.000462	0.00157	0.000544	0.465	0.0000383	0.00102	0.00727	0.00285	0.000361
2033 Jul	0.0844	0.0000241	5	46.5	0.141	0.00818	760	0.0232	0.0399	0.000462	0.00199	0.000631	0.49	0.0000543	0.00127	0.0107	0.00297	0.00047
2033 Aug	0.0847	0.0000248	5.08	48.9	0.144	0.00841	804	0.0241	0.0399	0.00046	0.00204	0.000653	0.5	0.0000552	0.00131	0.0109	0.00305	0.000465
2033 Sep	0.0732	0.0000316	6.12	71.4	0.172	0.00953	1200	0.0331	0.0366	0.00033	0.00239	0.000855	0.618	0.0000522	0.00161	0.0102	0.00353	0.000411
2033 Oct	0.0554	0.0000305	5.98	70.2	0.153	0.00746	1180	0.0304	0.0419	0.000146	0.00189	0.000773	0.6	0.0000331	0.00137	0.00572	0.00325	0.000265
2033 Nov	0.0546	0.0000291	5.73	65.6	0.144	0.00699	1090	0.0284	0.0431	0.000135	0.00176	0.000724	0.572	0.0000311	0.00129	0.00527	0.00311	0.00025
2033 Dec	0.0546	0.000029	5.71	65.3	0.143	0.00696	1090	0.0283	0.0432	0.000135	0.00175	0.000721	0.569	0.000031	0.00128	0.00525	0.0031	0.000249
2034 Jan	0.0547	0.000029	5.7	65.2	0.143	0.00695	1090	0.0283	0.0432	0.000135	0.00175	0.000719	0.569	0.0000309	0.00128	0.00524	0.0031	0.000248
2034 Feb	0.0548	0.000029	5.7	65.1	0.143	0.00694	1090	0.0282	0.0432	0.000136	0.00175	0.000719	0.568	0.0000309	0.00128	0.00524	0.0031	0.000248
2034 Mar	0.0549	0.0000289	5.69	65.1	0.143	0.00694	1090	0.0282	0.0433	0.000137	0.00175	0.000718	0.568	0.0000309	0.00128	0.00524	0.0031	0.000248
2034 Apr	0.0551	0.000029	5.7	65.1	0.143	0.00694	1090	0.0282	0.0433	0.000138	0.00175	0.000719	0.569	0.0000309	0.00128	0.00524	0.0031	0.000248
2034 May	0.0589	0.000028	5.57	61.8	0.143	0.00658	1020	0.0268	0.0444	0.000189	0.00167	0.000688	0.554	0.0000295	0.00121	0.005	0.00304	0.000237
2034 Jun	0.0847	0.0000223	4.57	42.6	0.138	0.00588	674	0.0197	0.0462	0.0005	0.00148	0.000543	0.446	0.0000343	0.000987	0.00664	0.0027	0.000236
2034 Jul	0.0852	0.0000243	4.85	47.8	0.143	0.0078	751	0.0233	0.0422	0.000467	0.00188	0.000631	0.478	0.0000492	0.00123	0.00971	0.00285	0.000321
2034 Aug	0.0852	0.0000248	4.84	49.8	0.144	0.00791	784	0.0238	0.0422	0.00046	0.00192	0.000643	0.478	0.0000494	0.00125	0.00982	0.00291	0.000319
2034 Sep	0.0739	0.0000307	5.67	69.8	0.165	0.00866	1080	0.0313	0.0393	0.000337	0.00218	0.000809	0.573	0.0000448	0.00149	0.00885	0.00336	0.000296
2034 Oct	0.0613	0.0000323	5.83	75.8	0.163	0.00801	1160	0.0329	0.0396	0.000208	0.00207	0.000832	0.592	0.0000345	0.00147	0.0066	0.00341	0.000237
2034 Nov	0.0608	0.0000316	5.71	73.7	0.159	0.00778	1120	0.032	0.0402	0.000201	0.00201	0.000809	0.578	0.0000334	0.00143	0.00638	0.00334	0.00023
2034 Dec	0.0607	0.0000316	5.69	73.4	0.158	0.00776	1120	0.0319	0.0403	0.000201	0.002	0.000807	0.576	0.0000334	0.00142	0.00637	0.00334	0.00023
2035 Jan	0.0608	0.0000315	5.69	73.4	0.158	0.00775	1120	0.0319	0.0403	0.000201	0.002	0.000806	0.576	0.0000333	0.00142	0.00636	0.00334	0.000229
2035 Feb	0.0609	0.0000315	5.69	73.3	0.158	0.00775	1120	0.0318	0.0403	0.000202	0.002	0.000805	0.576	0.0000333	0.00142	0.00636	0.00333	0.000229
2035 Mar	0.0609	0.0000315	5.69	73.3	0.158	0.00774	1120	0.0318	0.0403	0.000202	0.002	0.000805	0.576	0.0000333	0.00142	0.00635	0.00333	0.000229
2035 Apr	0.061	0.0000315	5.69	73.3	0.159	0.00775	1120	0.0318	0.0404	0.000202	0.002	0.000805	0.576	0.0000333	0.00142	0.00636	0.00334	0.000229
2035 May	0.0615	0.0000315	5.72	73.3	0.159	0.00774	1120	0.0318	0.0406	0.000207	0.002	0.000806	0.578	0.0000333	0.00142	0.00635	0.00334	0.00023
2035 Jun	0.0639	0.0000234	4.32	45.4	0.121	0.00535	662	0.0208	0.0427	0.000286	0.00142	0.000544	0.423	0.0000267	0.000961	0.00505	0.00287	0.000182
2035 Jul	0.0613	0.000023	4.21	42.6	0.116	0.00518	607	0.0202	0.0419	0.000266	0.00139	0.000527	0.411	0.0000261	0.000933	0.0049	0.00287	0.000179
2035 Aug	0.0597	0.0000236	4.32	44.6	0.119	0.00509	629	0.0209	0.0418	0.000254	0.0014	0.000542	0.423	0.0000241	0.000942	0.00448	0.00294	0.000168
2035 Sep	0.0529	0.0000298	5.18	66.5	0.147	0.00588	913	0.0289	0.0391	0.000182	0.00167	0.000723	0.522	0.0000189	0.00119	0.00354	0.00338	0.000139
2035 Oct	0.0507	0.0000324	5.56	76.3	0.159	0.00625	1040	0.0322	0.0386	0.000154	0.00179	0.000799	0.565	0.0000171	0.00129	0.00322	0.00356	0.00013
2035 Nov	0.0502	0.0000315	5.54	73.6	0.155	0.00608	1000	0.0311	0.0395	0.000147	0.00173	0.000773	0.561	0.0000172	0.00126	0.00308	0.00348	0.000134
2035 Dec	0.0502	0.0000314	5.51	73.1	0.154	0.00604	995	0.0308	0.0396	0.000146	0.00172	0.000768	0.558	0.0000171	0.00125	0.00306	0.00346	0.000133
2036 Jan	0.0502	0.0000313	5.51	73	0.154	0.00603	994	0.0308	0.0396	0.000147	0.00172	0.000767	0.557	0.000017	0.00124	0.00305	0.00346	0.000133
2036 Feb	0.0504	0.0000313	5.5	72.9	0.154	0.00603	993	0.0308	0.0397	0.000147	0.00171	0.000766	0.557	0.000017	0.00124	0.00305	0.00346	0.000133
2036 Mar	0.0504	0.0000313	5.5	72.9	0.154	0.00602	992	0.0308	0.0397	0.000148	0.00171	0.000766	0.557	0.000017	0.00124	0.00305	0.00345	0.000133
2036 Apr	0.0505	0.0000313	5.51	72.9	0.154	0.00603	993	0.0308	0.0397	0.000148	0.00171	0.000766	0.558	0.0000171	0.00124	0.00305	0.00346	0.000133
2036 May	0.0507	0.0000314	5.54	73.2	0.155	0.00605	995	0.0309	0.0399	0.000149	0.00172	0.000769	0.561	0.0000172	0.00125	0.00306	0.00347	0.000134
2036 Jun	0.0469	0.0000294	5.02	65.1	0.14	0.00522	856	0.028	0.039	0.000132	0.00156	0.000695	0.505	0.0000133	0.00111	0.00236	0.0034	0.000106
2036 Jul	0.0448	0.0000279	4.72	59.7	0.13	0.00471	767	0.026	0.0389	0.00012	0.00145	0.000644	0.472	0.0000114	0.00102	0.00199	0.00335	0.0000934

2036 Aug	0.0449	0.0000282	4.78	60.4	0.132	0.00474	772	0.0263	0.0391	0.000119	0.00146	0.000651	0.478	0.0000114	0.00103	0.00197	0.00338	0.0000943
2036 Sep	0.0435	0.0000337	5.78	78.5	0.163	0.00591	969	0.0337	0.0365	0.000108	0.00181	0.000826	0.589	0.0000121	0.0013	0.0021	0.00383	0.000106
2036 Oct	0.0424	0.0000399	6.69	101	0.195	0.00716	1220	0.0418	0.0345	0.0000838	0.00217	0.00102	0.694	0.0000115	0.00159	0.00215	0.00428	0.000103
2036 Nov	0.0424	0.0000384	6.54	96.5	0.188	0.00688	1160	0.0399	0.0358	0.0000801	0.00207	0.000973	0.675	0.0000116	0.00152	0.00205	0.00413	0.000106
2036 Dec	0.0426	0.0000374	6.39	93.2	0.182	0.00667	1120	0.0385	0.0366	0.0000778	0.002	0.000941	0.658	0.0000115	0.00147	0.00198	0.00403	0.000104
2037 Jan	0.0428	0.0000373	6.36	92.8	0.181	0.00664	1110	0.0383	0.0367	0.0000791	0.00199	0.000937	0.655	0.0000114	0.00147	0.00198	0.00401	0.000104
2037 Feb	0.0432	0.0000372	6.36	92.6	0.181	0.00663	1110	0.0383	0.0368	0.0000811	0.00198	0.000935	0.654	0.0000114	0.00146	0.00198	0.00401	0.000103
2037 Mar	0.0434	0.0000372	6.35	92.5	0.181	0.00662	1110	0.0382	0.0369	0.0000823	0.00198	0.000934	0.654	0.0000114	0.00146	0.00198	0.004	0.000103
2037 Apr	0.0435	0.0000372	6.35	92.5	0.181	0.00662	1110	0.0382	0.0369	0.0000832	0.00198	0.000934	0.654	0.0000114	0.00146	0.00198	0.004	0.000103
2037 May	0.0536	0.0000335	5.76	80.2	0.172	0.00574	951	0.0332	0.0396	0.000205	0.00174	0.000824	0.588	0.00001	0.00127	0.00189	0.00371	0.0000882
2037 Jun	0.0463	0.0000159	3	34.4	0.0898	0.00245	381	0.0144	0.0269	0.000256	0.000779	0.000384	0.278	0.0000049	0.00055	0.00101	0.00219	0.000032
2037 Jul	0.0298	0.00000821	1.87	17.5	0.045	0.00124	189	0.00739	0.0153	0.000148	0.000394	0.000209	0.148	0.00000336	0.000278	0.000529	0.00149	0.0000149
2037 Aug	0.0243	0.00000576	1.54	12.2	0.0312	0.000861	129	0.00516	0.0117	0.00011	0.000273	0.000155	0.11	0.00000291	0.000193	0.000376	0.00127	0.00000992
2037 Sep	0.0231	0.00000535	1.49	11.4	0.0289	0.0008	120	0.00479	0.0111	0.000101	0.000253	0.000146	0.103	0.00000284	0.000179	0.000349	0.00123	0.000009
2037 Oct	0.0233	0.00000543	1.49	11.5	0.0291	0.000809	121	0.00483	0.0113	0.000101	0.000255	0.000147	0.104	0.00000283	0.000181	0.000351	0.00124	0.00000893
2037 Nov	0.0233	0.00000545	1.49	11.5	0.0291	0.00081	121	0.00483	0.0114	0.0001	0.000255	0.000147	0.104	0.00000283	0.000181	0.000351	0.00124	0.00000891
2037 Dec	0.0233	0.00000545	1.49	11.5	0.0291	0.00081	121	0.00483	0.0115	0.0001	0.000255	0.000147	0.104	0.00000283	0.000181	0.000351	0.00124	0.00000891
2038 Jan	0.0234	0.00000545	1.49	11.5	0.0291	0.00081	121	0.00483	0.0115	0.0001	0.000255	0.000147	0.104	0.00000283	0.000181	0.000351	0.00124	0.00000891
2038 Feb	0.0234	0.00000545	1.49	11.5	0.0291	0.00081	121	0.00483	0.0115	0.0001	0.000255	0.000147	0.104	0.00000283	0.000181	0.000351	0.00124	0.00000891
2038 Mar	0.0234	0.00000545	1.49	11.5	0.0291	0.00081	121	0.00483	0.0115	0.000101	0.000255	0.000147	0.104	0.00000283	0.000181	0.000351	0.00124	0.0000089
2038 Apr	0.0234	0.00000546	1.49	11.5	0.0291	0.00081	121	0.00483	0.0115	0.000101	0.000255	0.000147	0.104	0.00000283	0.000181	0.000351	0.00124	0.00000891
2038 May	0.0245	0.00000552	1.5	11.4	0.0301	0.000804	120	0.0048	0.012	0.000111	0.000255	0.000147	0.105	0.00000282	0.00018	0.000363	0.00125	0.00000881
2038 Jun	0.0308	0.00000596	1.55	11.3	0.0361	0.000782	116	0.00473	0.0153	0.000168	0.000261	0.000149	0.112	0.00000275	0.000178	0.000433	0.0013	0.00000812
2038 Jul	0.0311	0.00000606	1.57	11.5	0.0366	0.000795	118	0.0048	0.0154	0.00017	0.000265	0.000151	0.113	0.00000277	0.000181	0.000438	0.00131	0.00000815
2038 Aug	0.0313	0.00000613	1.58	11.7	0.0369	0.000804	119	0.00486	0.0155	0.000171	0.000268	0.000152	0.114	0.00000278	0.000183	0.000442	0.00132	0.00000818
2038 Sep	0.0313	0.0000062	1.58	11.9	0.0371	0.000815	121	0.00492	0.0157	0.00017	0.000271	0.000154	0.115	0.00000278	0.000185	0.000444	0.00133	0.00000815
2038 Oct	0.0314	0.00000627	1.59	11.9	0.0372	0.000822	121	0.00495	0.0159	0.000169	0.000272	0.000154	0.115	0.00000277	0.000186	0.000445	0.00133	0.00000809
2038 Nov	0.0315	0.00000627	1.59	12	0.0372	0.000823	122	0.00496	0.0159	0.000169	0.000272	0.000154	0.115	0.00000277	0.000187	0.000445	0.00133	0.00000808
2038 Dec	0.0315	0.00000628	1.59	12	0.0372	0.000823	121	0.00496	0.016	0.000169	0.000272	0.000154	0.115	0.00000277	0.000187	0.000445	0.00133	0.00000808
2039 Jan	0.0315	0.00000628	1.59	12	0.0372	0.000823	121	0.00496	0.016	0.000169	0.000272	0.000154	0.115	0.00000277	0.000187	0.000445	0.00133	0.00000808
2039 Feb	0.0315	0.00000628	1.59	12	0.0372	0.000823	121	0.00496	0.016	0.000169	0.000272	0.000154	0.115	0.00000277	0.000187	0.000445	0.00133	0.00000808
2039 Mar	0.0315	0.00000628	1.59	12	0.0372	0.000823	121	0.00496	0.016	0.000169	0.000272	0.000154	0.115	0.00000277	0.000187	0.000445	0.00133	0.00000808
2039 Apr	0.0315	0.00000628	1.59	12	0.0372	0.000823	122	0.00496	0.016	0.000169	0.000272	0.000154	0.115	0.00000277	0.000187	0.000445	0.00133	0.00000808
2039 May	0.0316	0.00000629	1.59	12	0.0373	0.000824	122	0.00496	0.016	0.00017	0.000273	0.000155	0.115	0.00000278	0.000187	0.000446	0.00133	0.0000081
2039 Jun	0.0323	0.00000688	1.57	12.2	0.037	0.000826	121	0.00503	0.0182	0.000164	0.000288	0.000155	0.114	0.00000271	0.00019	0.000463	0.00141	0.00000739
2039 Jul	0.0329	0.00000721	1.54	12	0.0362	0.000811	118	0.00495	0.0198	0.000159	0.000289	0.000152	0.112	0.00000265	0.000187	0.000461	0.00144	0.00000688
2039 Aug	0.0334	0.00000742	1.54	12	0.0359	0.000812	117	0.00495	0.0207	0.000158	0.000288	0.000151	0.112	0.00000264	0.000188	0.000455	0.00145	0.00000666
2039 Sep	0.0335	0.00000748	1.54	12.1	0.0361	0.00082	118	0.005	0.0208	0.000158	0.00029	0.000152	0.113	0.00000264	0.000189	0.000457	0.00145	0.00000666
2039 Oct	0.0336	0.00000751	1.54	12.2	0.0362	0.000825	118	0.00502	0.0208	0.000157	0.000291	0.000153	0.113	0.00000264	0.00019	0.000457	0.00145	0.00000663
2039 Nov	0.0336	0.00000752	1.54	12.2	0.0362	0.000825	118	0.00502	0.0209	0.000157	0.000291	0.000153	0.113	0.00000264	0.00019	0.000458	0.00145	0.00000663
2039 Dec	0.0336	0.00000752	1.54	12.2	0.0362	0.000825	118	0.00502	0.0209	0.000157	0.000291	0.000153	0.113	0.00000264	0.00019	0.000458	0.00146	0.00000663
2040 Jan	0.0336	0.00000752	1.54	12.2	0.0362	0.000825	118	0.00502	0.0209	0.000157	0.000291	0.000153	0.113	0.00000264	0.00019	0.000458	0.00146	0.00000663
2040 Feb	0.0336	0.00000752	1.54	12.2	0.0362	0.000825	118	0.00502	0.0209	0.000157	0.000291	0.000153	0.113	0.00000264	0.00019	0.000458	0.00146	0.00000663
2040 Mar	0.0336	0.00000752	1.55	12.2	0.0362	0.000825	118	0.00502	0.0209	0.000157	0.000291	0.000153	0.113	0.00000264	0.00019	0.000458	0.00146	0.00000663
2040 Apr	0.0336	0.00000752	1.55	12.2	0.0362	0.000825	118	0.00502	0.0209	0.000157	0.000291	0.000153	0.113	0.00000264	0.000191	0.000458	0.00146	0.00000663
2040 May	0.034	0.00000755	1.55	12.2	0.0366	0.000825	118	0.00502	0.0211	0.000161	0.000292	0.000153	0.114	0.00000264	0.00019	0.000462	0.00146	0.00000661
2040 Jun	0.0386	0.00000779	1.57	11.7	0.0403	0.000784	111	0.00482	0.0236	0.000202	0.00029	0.000151	0.117	0.00000258	0.000183	0.000511	0.0015	0.00000604
2040 Jul	0.0388	0.00000788	1.57	11.8	0.0406	0.000792	112	0.00487	0.0238	0.000203	0.000294	0.000152	0.117	0.00000258	0.000185	0.000515	0.00151	0.00000602
2040 Aug	0.0389	0.00000796	1.59	12	0.0409	0.000803	113	0.00494	0.0239	0.000203	0.000297	0.000154	0.118	0.00000259	0.000188	0.000518	0.00152	0.00000602
2040 Sep	0.039	0.00000804	1.59	12.2	0.0412	0.000815	114	0.00501	0.024	0.000203	0.000301	0.000155	0.119	0.00000259	0.00019	0.00052	0.00152	0.000006
2040 Oct	0.039	0.00000807	1.6	12.3	0.0413	0.000819	115	0.00503	0.0241	0.000202	0.000302	0.000156	0.119	0.00000259	0.000191	0.000521	0.00153	0.00000599
2040 Nov	0.039	0.00000807	1.6	12.3	0.0413	0.000819	115	0.00503	0.0241	0.000202	0.000302	0.000156	0.12	0.00000259	0.000191	0.000521	0.00153	0.00000599
2040 Dec	0.039	0.00000807	1.6	12.3	0.0413	0.000819	115	0.00503	0.0241	0.000202	0.000302	0.000156	0.12	0.00000259	0.000191	0.000521	0.00153	0.00000599
2041 Jan	0.039	0.00000807	1.6	12.3	0.0413	0.000819	115	0.00503	0.0241	0.000202	0.000302	0.000156	0.12	0.00000259	0.000191	0.000521	0.00153	0.00000599
2041 Feb	0.039	0.00000807	1.6	12.3	0.0413	0.000819	115	0.00503	0.0241	0.000202	0.000302	0.000156	0.12	0.00000259	0.000191	0.000521	0.00153	0.00000599
2041 Mar	0.039	0.00000808	1.6	12.3	0.0413	0.00082	115	0.00503	0.0241	0.000203	0.000302	0.000156	0.12	0.00000259	0.000191	0.000521	0.00153	0.00000599
2041 Apr	0.0391	0.00000808	1.6	12.3	0.0413	0.00082	115	0.00503	0.0241	0.000203	0.000302	0.000156	0.12	0.00000259	0.000191	0.000522	0.00153	0.00000599
2041 May	0.0391	0.0000081	1.6	12.3	0.0415	0.000824	115	0.00506	0.0242	0.000203	0.000303	0.000157	0.12	0.0000026	0.000192	0.000523	0.00153	0.000006
2041 Jun	0.0392	0.0000084	1.57	12.2	0.0405	0.000807	111	0.00499	0.0255	0.000196	0.000309	0.000154	0.118	0.00000255	0.00019	0.000529	0.00158	0.00000554
2041 Jul	0.0391	0.0000085	1.54	11.8	0.0395	0.000785	107	0.00487	0.0263	0.00019	0.000308	0.00015	0.115	0.00000251	0.000186	0.000528	0.0016	0.00000525
2041 Aug	0.0393	0.00000858	1.55	12	0.0398	0.000794	108	0.00493	0.0264	0.000191	0.000311	0.000152	0.116	0.00000252	0.000188	0.000531	0.00161	0.00000527
2041 Sep	0.0394	0.00000865	1.56	12.2	0.04	0.000805	109	0.00499	0.0265	0.000191	0.000314	0.000153	0.117	0.00000253	0.000191	0.000534	0.00162	0.00000526
2041 Oct	0.0394	0.00000869	1.56	12.2	0.0401	0.000812	110	0.00503	0.0266	0.00019	0.000315	0.000154	0.117	0.00000252	0.000192	0.000534	0.00162	0.00000524
2041 Nov	0.0394	0.00000869	1.56	12.3	0.0402	0.000813	110	0.00503	0.0266	0.00019	0.000316	0.000154	0.117	0.00000252	0.000192	0.000535	0.00162	0.00000524
2041 Dec	0.0394	0.0000087	1.56	12.3	0.0402	0.000813	110	0.00503	0.0266	0.00019	0.000316	0.000154	0.117	0.00000252	0.000192	0.000535	0.00162	0.00000524
2042 Jan	0.0394	0.0000087	1.56	12.3	0.0402	0.000813	110	0.00503	0.0266	0.00019	0.000316	0.000154	0.117	0.00000252	0.000192	0.000535	0.00162	0.00000524
2042 Feb	0.0394	0.0000087	1.56	12.3	0.0402	0.000813	110	0.00503	0.0266	0.00019	0.000316	0.000154	0.117	0.00000252	0.000192	0.000535	0.00162	0.00000524
2042 Mar	0.0394	0.0000087	1.56	12.3	0.0402	0.000813	110	0.00503	0.0266	0.00019	0.000316	0.000154	0.117	0.00000252	0.000192	0.000535	0.00162	0.00000524
2042 Apr	0.0395	0.0000087	1.56	12.3	0.0402	0.000814	110	0.00504	0.0266	0.00019	0.000316	0.000154	0.117	0.00000253	0.000192	0.000535	0.00162	0.00000524
2042 May	0.0396	0.00000872	1.57	12.3	0.0403	0.000816	110	0.00505	0.0267	0.000191	0.000317	0.000155	0.118	0.00000253	0.000193	0.000537	0.00163	0.00000525
2042 Jun	0.0396	0.00000887	1.54	12	0.0394	0.000795	106	0.00495	0.0276	0.000186	0.000317	0.000151	0.115	0.0000025	0.000189	0.000538	0.00166	0.00000496
2042 Jul	0.0396	0.00000897	1.52	11.9	0.0388	0.000785	104	0.00489	0.0281	0.000183	0.000317	0.000149	0.114	0.00000248	0.000187	0.000537	0.00167	0.00000477

2042 Aug	0.0396	0.0000091	1.53	12	0.0387	0.000797	103	0.00494	0.0284	0.000179	0.000318	0.00015	0.114	0.00000246	0.00019	0.000531	0.00167	0.00000464
2042 Sep	0.0395	0.00000919	1.53	12.2	0.0387	0.000809	104	0.00499	0.0286	0.000177	0.000319	0.000152	0.115	0.00000246	0.000192	0.000529	0.00167	0.00000458
2042 Oct	0.0395	0.00000922	1.53	12.2	0.0387	0.000815	104	0.00502	0.0287	0.000176	0.00032	0.000152	0.115	0.00000245	0.000193	0.000528	0.00166	0.00000455
2042 Nov	0.0396	0.00000923	1.53	12.2	0.0387	0.000816	104	0.00502	0.0287	0.000176	0.00032	0.000152	0.115	0.00000245	0.000193	0.000528	0.00166	0.00000454
2042 Dec	0.0396	0.00000923	1.53	12.2	0.0387	0.000816	104	0.00502	0.0287	0.000176	0.00032	0.000152	0.115	0.00000245	0.000193	0.000528	0.00166	0.00000454
2043 Jan	0.0396	0.00000923	1.53	12.2	0.0388	0.000816	104	0.00502	0.0287	0.000176	0.00032	0.000152	0.115	0.00000245	0.000193	0.000529	0.00166	0.00000454
2043 Feb	0.0396	0.00000923	1.53	12.2	0.0388	0.000816	104	0.00502	0.0287	0.000176	0.00032	0.000152	0.115	0.00000245	0.000193	0.000529	0.00166	0.00000454
2043 Mar	0.0396	0.00000923	1.53	12.2	0.0388	0.000816	104	0.00502	0.0287	0.000176	0.00032	0.000152	0.115	0.00000245	0.000193	0.000529	0.00166	0.00000454
2043 Apr	0.0396	0.00000924	1.53	12.2	0.0388	0.000816	104	0.00502	0.0288	0.000176	0.00032	0.000152	0.115	0.00000245	0.000193	0.000529	0.00167	0.00000454
2043 May	0.0399	0.00000926	1.54	12.3	0.0391	0.000817	104	0.00503	0.0289	0.000178	0.00032	0.000152	0.116	0.00000246	0.000193	0.000532	0.00167	0.00000454
2043 Jun	0.0434	0.00000937	1.55	11.9	0.0421	0.000784	97.9	0.00487	0.0305	0.000212	0.000318	0.000151	0.118	0.00000242	0.000187	0.00057	0.00169	0.00000419
2043 Jul	0.0436	0.00000947	1.56	12	0.0424	0.000793	98.6	0.00492	0.0308	0.000213	0.000321	0.000152	0.119	0.00000243	0.000189	0.000573	0.0017	0.00000418
2043 Aug	0.0438	0.00000955	1.58	12.2	0.0427	0.000803	99.3	0.00498	0.0309	0.000213	0.000324	0.000154	0.12	0.00000244	0.000192	0.000576	0.00171	0.00000417
2043 Sep	0.0438	0.00000963	1.58	12.4	0.043	0.000817	100	0.00506	0.031	0.000213	0.000328	0.000156	0.121	0.00000244	0.000195	0.000578	0.00172	0.00000416
2043 Oct	0.0438	0.00000966	1.58	12.4	0.0428	0.000822	99.9	0.00507	0.0311	0.00021	0.000327	0.000156	0.121	0.00000243	0.000195	0.000575	0.00171	0.0000041
2043 Nov	0.0437	0.00000966	1.58	12.3	0.0425	0.000821	98.9	0.00504	0.0313	0.000208	0.000325	0.000155	0.12	0.00000243	0.000194	0.000571	0.0017	0.00000405
2043 Dec	0.0437	0.00000966	1.58	12.3	0.0424	0.000821	98.9	0.00504	0.0313	0.000208	0.000324	0.000155	0.12	0.00000243	0.000194	0.000571	0.0017	0.00000405
2044 Jan	0.0438	0.00000966	1.58	12.3	0.0424	0.000821	98.9	0.00504	0.0314	0.000208	0.000324	0.000155	0.12	0.00000243	0.000194	0.000571	0.0017	0.00000405
2044 Feb	0.0438	0.00000966	1.58	12.3	0.0425	0.000821	98.8	0.00504	0.0314	0.000208	0.000324	0.000155	0.12	0.00000243	0.000194	0.000571	0.0017	0.00000405
2044 Mar	0.0438	0.00000966	1.58	12.3	0.0425	0.000821	98.9	0.00504	0.0314	0.000208	0.000324	0.000155	0.12	0.00000243	0.000194	0.000571	0.0017	0.00000405
2044 Apr	0.0438	0.00000966	1.58	12.3	0.0425	0.000821	98.9	0.00504	0.0314	0.000208	0.000324	0.000155	0.121	0.00000243	0.000194	0.000571	0.00171	0.00000405
2044 May	0.0439	0.00000968	1.58	12.4	0.0426	0.000822	99	0.00505	0.0314	0.000209	0.000325	0.000155	0.121	0.00000243	0.000195	0.000572	0.00171	0.00000406
2044 Jun	0.0431	0.00000963	1.53	11.7	0.0407	0.000783	92	0.00484	0.0317	0.000199	0.00032	0.000149	0.116	0.00000238	0.000187	0.000564	0.00172	0.00000365
2044 Jul	0.043	0.00000965	1.53	11.7	0.0403	0.000778	90.6	0.00483	0.0318	0.000196	0.00032	0.000148	0.115	0.00000238	0.000186	0.000562	0.00173	0.00000356
2044 Aug	0.0432	0.00000974	1.54	11.8	0.0406	0.000786	91.3	0.00487	0.0321	0.000197	0.000323	0.000149	0.116	0.00000239	0.000188	0.000566	0.00174	0.00000357
2044 Sep	0.0431	0.00000979	1.54	11.9	0.0405	0.000795	91	0.0049	0.0322	0.000194	0.000323	0.00015	0.116	0.00000238	0.000189	0.000563	0.00174	0.00000352
2044 Oct	0.0431	0.00000982	1.54	11.9	0.0405	0.0008	91	0.00492	0.0322	0.000193	0.000324	0.00015	0.117	0.00000238	0.00019	0.000562	0.00174	0.0000035
2044 Nov	0.0431	0.00000982	1.54	11.9	0.0405	0.000801	91	0.00492	0.0323	0.000193	0.000323	0.00015	0.117	0.00000238	0.00019	0.000562	0.00174	0.00000349
2044 Dec	0.0431	0.00000983	1.54	11.9	0.0405	0.000801	90.9	0.00492	0.0323	0.000193	0.000323	0.00015	0.117	0.00000238	0.00019	0.000562	0.00174	0.00000349
2045 Jan	0.0431	0.00000983	1.54	11.9	0.0405	0.000801	90.9	0.00492	0.0323	0.000193	0.000323	0.00015	0.117	0.00000238	0.00019	0.000562	0.00174	0.00000349
2045 Feb	0.0431	0.00000983	1.54	11.9	0.0405	0.000801	90.9	0.00492	0.0323	0.000193	0.000323	0.00015	0.117	0.00000238	0.00019	0.000562	0.00174	0.00000349
2045 Mar	0.0431	0.00000983	1.54	11.9	0.0405	0.000801	90.9	0.00492	0.0323	0.000193	0.000323	0.00015	0.117	0.00000238	0.00019	0.000562	0.00174	0.00000349
2045 Apr	0.0431	0.00000983	1.54	11.9	0.0405	0.000801	90.9	0.00492	0.0323	0.000193	0.000324	0.00015	0.117	0.00000238	0.00019	0.000562	0.00174	0.00000349
2045 May	0.0432	0.00000984	1.54	12	0.0406	0.000802	91.1	0.00493	0.0324	0.000194	0.000324	0.000151	0.117	0.00000238	0.000191	0.000563	0.00174	0.0000035
2045 Jun	0.0427	0.00001	1.53	12.2	0.0401	0.000809	88.7	0.00501	0.0327	0.000186	0.000333	0.000151	0.116	0.00000235	0.000193	0.000567	0.00177	0.00000323
2045 Jul	0.0426	0.0000101	1.53	12.1	0.0397	0.000806	87	0.00501	0.033	0.000183	0.000335	0.000151	0.115	0.00000235	0.000193	0.000567	0.00179	0.0000031
2045 Aug	0.0428	0.0000102	1.53	12.3	0.0399	0.000813	87.5	0.00505	0.0331	0.000183	0.000337	0.000152	0.116	0.00000235	0.000195	0.00057	0.0018	0.00000311
2045 Sep	0.0428	0.0000102	1.54	12.3	0.04	0.000819	87.7	0.00508	0.0331	0.000183	0.000339	0.000153	0.117	0.00000236	0.000196	0.000571	0.0018	0.00000311
2045 Oct	0.0428	0.0000102	1.54	12.4	0.0401	0.000824	87.9	0.00511	0.0332	0.000183	0.00034	0.000153	0.117	0.00000236	0.000197	0.000572	0.0018	0.0000031
2045 Nov	0.0428	0.0000102	1.54	12.4	0.0401	0.000824	88	0.00511	0.0332	0.000183	0.00034	0.000153	0.117	0.00000236	0.000197	0.000572	0.0018	0.0000031
2045 Dec	0.0428	0.0000102	1.54	12.4	0.0401	0.000825	88	0.00511	0.0332	0.000183	0.00034	0.000153	0.117	0.00000236	0.000197	0.000572	0.0018	0.0000031
2046 Jan	0.0428	0.0000102	1.54	12.4	0.0402	0.000825	88	0.00511	0.0332	0.000183	0.00034	0.000153	0.117	0.00000236	0.000197	0.000572	0.0018	0.0000031
2046 Feb	0.0428	0.0000102	1.54	12.4	0.0402	0.000825	88	0.00511	0.0332	0.000183	0.00034	0.000153	0.117	0.00000236	0.000197	0.000572	0.0018	0.0000031
2046 Mar	0.0428	0.0000102	1.54	12.4	0.0402	0.000825	88	0.00511	0.0332	0.000183	0.00034	0.000154	0.117	0.00000236	0.000197	0.000572	0.0018	0.0000031
2046 Apr	0.0429	0.0000102	1.54	12.4	0.0402	0.000825	88	0.00512	0.0332	0.000183	0.00034	0.000154	0.117	0.00000236	0.000197	0.000572	0.0018	0.0000031
2046 May	0.0429	0.0000103	1.55	12.5	0.0403	0.000827	88.2	0.00513	0.0333	0.000183	0.000341	0.000154	0.117	0.00000236	0.000198	0.000574	0.00181	0.00000311
2046 Jun	0.0423	0.0000103	1.5	11.9	0.0385	0.000789	81.6	0.00493	0.0338	0.000174	0.000338	0.000148	0.113	0.00000232	0.000191	0.000568	0.00183	0.00000278
2046 Jul	0.0417	0.0000102	1.46	11.3	0.037	0.000754	76.5	0.00474	0.0338	0.000167	0.000331	0.000142	0.109	0.00000229	0.000183	0.000558	0.00183	0.00000257
2046 Aug	0.0419	0.0000102	1.47	11.5	0.0372	0.000761	77	0.00478	0.034	0.000168	0.000334	0.000144	0.11	0.0000023	0.000185	0.000561	0.00184	0.00000258
2046 Sep	0.0418	0.0000103	1.47	11.6	0.0373	0.000773	77.1	0.00484	0.034	0.000166	0.000335	0.000145	0.11	0.00000229	0.000187	0.00056	0.00184	0.00000255
2046 Oct	0.0417	0.0000103	1.47	11.7	0.0372	0.00078	76.8	0.00487	0.0341	0.000164	0.000335	0.000145	0.111	0.00000229	0.000188	0.000558	0.00183	0.00000251
2046 Nov	0.0417	0.0000103	1.48	11.7	0.0372	0.000782	76.8	0.00487	0.0341	0.000164	0.000335	0.000145	0.111	0.00000229	0.000189	0.000557	0.00183	0.00000251
2046 Dec	0.0417	0.0000103	1.48	11.7	0.0372	0.000782	76.8	0.00487	0.0341	0.000164	0.000335	0.000146	0.111	0.00000229	0.000189	0.000557	0.00183	0.00000251
2047 Jan	0.0417	0.0000103	1.48	11.7	0.0372	0.000782	76.8	0.00487	0.0341	0.000164	0.000335	0.000146	0.111	0.00000229	0.000189	0.000557	0.00183	0.0000025
2047 Feb	0.0417	0.0000103	1.48	11.7	0.0372	0.000782	76.8	0.00487	0.0341	0.000164	0.000335	0.000146	0.111	0.00000229	0.000189	0.000558	0.00183	0.0000025
2047 Mar	0.0417	0.0000103	1.48	11.7	0.0373	0.000783	76.8	0.00487	0.0341	0.000164	0.000335	0.000146	0.111	0.00000229	0.000189	0.000558	0.00183	0.0000025
2047 Apr	0.0418	0.0000103	1.48	11.7	0.0373	0.000783	76.8	0.00487	0.0341	0.000164	0.000335	0.000146	0.111	0.00000229	0.000189	0.000558	0.00183	0.00000251
2047 May	0.0425	0.0000103	1.49	11.7	0.0381	0.000778	76.1	0.00485	0.0343	0.000173	0.000335	0.000146	0.112	0.00000229	0.000188	0.000566	0.00183	0.00000248
2047 Jun	0.0475	0.0000103	1.54	11.5	0.0437	0.000755	71	0.00476	0.0355	0.000229	0.000332	0.000147	0.118	0.00000225	0.000184	0.00062	0.00182	0.00000222
2047 Jul	0.0478	0.0000104	1.56	11.7	0.0443	0.00077	71.9	0.00486	0.0357	0.000231	0.000337	0.00015	0.119	0.00000226	0.000188	0.000627	0.00184	0.00000222
2047 Aug	0.048	0.0000105	1.57	11.9	0.0446	0.000779	72.4	0.00491	0.0359	0.000232	0.00034	0.000151	0.12	0.00000227	0.00019	0.000631	0.00185	0.00000223
2047 Sep	0.048	0.0000105	1.57	12.1	0.0449	0.000792	72.9	0.00499	0.0359	0.000231	0.000343	0.000153	0.121	0.00000227	0.000192	0.000632	0.00185	0.00000221
2047 Oct	0.0479	0.0000106	1.58	12.2	0.0449	0.000803	73	0.00504	0.0359	0.000229	0.000345	0.000154	0.122	0.00000227	0.000195	0.000631	0.00185	0.00000219
2047 Nov	0.0479	0.0000106	1.58	12.2	0.0448	0.000804	72.8	0.00503	0.036	0.000228	0.000344	0.000154	0.122	0.00000227	0.000195	0.00063	0.00185	0.00000218
2047 Dec	0.0479	0.0000106	1.58	12.2	0.0448	0.000804	72.8	0.00503	0.036	0.000228	0.000344	0.000154	0.122	0.00000227	0.000195	0.00063	0.00185	0.00000218
2048 Jan	0.0479	0.0000106	1.58	12.2	0.0448	0.000805	72.8	0.00503	0.036	0.000228	0.000344	0.000154	0.122	0.00000227	0.000195	0.00063	0.00185	0.00000218
2048 Feb	0.0479	0.0000106	1.58	12.2	0.0448	0.000805	72.8	0.00503	0.0361	0.000228	0.000344	0.000154	0.122	0.00000227	0.000195	0.00063	0.00185	0.00000218
2048 Mar	0.0479	0.0000106	1.58	12.2	0.0449	0.000804	72.8	0.00503	0.0361	0.000228	0.000344	0.000154	0.122	0.00000227	0.000195	0.00063	0.00185	0.00000218
2048 Apr	0.048	0.0000106	1.58	12.2	0.0449	0.000805	72.8	0.00504	0.0361	0.000228	0.000344	0.000154	0.122	0.00000227	0.000195	0.00063	0.00185	0.00000218
2048 May	0.048	0.0000106	1.58	12.3	0.045	0.000806	72.9	0.00504	0.0361	0.000229	0.000345	0.000154	0.122	0.00000227	0.000195	0.000631	0.00185	0.00000219
2048 Jun	0.0468	0.0000105	1.53	11.6	0.0425	0.000763	67.2	0.00481	0.0362	0.000215	0.000338	0.000147	0.116	0.00000224	0.000186	0.000616	0.00186	0.00000196
2048 Jul	0.0459	0.0000104	1.49	11	0.0406	0.000728	62.9	0.00461	0.0362	0.000205	0.000331	0.000142	0.112	0.00000222	0.000179	0.000604	0.00186	0.00000181

2048 Aug	0.046	0.0000105	1.49	11.1	0.0408	0.000738	63	0.00466	0.0363	0.000204	0.000333	0.000143	0.113	0.00000222	0.000181	0.000604	0.00186	0.0000018
2048 Sep	0.0459	0.0000106	1.5	11.3	0.0409	0.000751	63.3	0.00473	0.0363	0.000203	0.000335	0.000145	0.114	0.00000222	0.000184	0.000604	0.00187	0.00000178
2048 Oct	0.0458	0.0000106	1.5	11.4	0.041	0.000758	63.3	0.00477	0.0363	0.000202	0.000336	0.000145	0.114	0.00000222	0.000185	0.000603	0.00186	0.00000177
2048 Nov	0.0458	0.0000106	1.5	11.4	0.0409	0.000759	63.3	0.00477	0.0363	0.000201	0.000336	0.000145	0.114	0.00000222	0.000185	0.000603	0.00186	0.00000177
2048 Dec	0.0458	0.0000106	1.5	11.4	0.0409	0.000759	63.3	0.00477	0.0363	0.000201	0.000336	0.000145	0.114	0.00000222	0.000185	0.000602	0.00186	0.00000177
2049 Jan	0.0458	0.0000106	1.5	11.4	0.0409	0.000759	63.3	0.00477	0.0363	0.000201	0.000336	0.000145	0.114	0.00000222	0.000185	0.000603	0.00186	0.00000177
2049 Feb	0.0458	0.0000106	1.5	11.4	0.0409	0.000759	63.2	0.00477	0.0363	0.000201	0.000336	0.000145	0.114	0.00000222	0.000185	0.000603	0.00186	0.00000177
2049 Mar	0.0459	0.0000106	1.5	11.4	0.0409	0.000759	63.3	0.00477	0.0363	0.000201	0.000336	0.000145	0.114	0.00000222	0.000185	0.000603	0.00186	0.00000177
2049 Apr	0.0459	0.0000106	1.5	11.4	0.041	0.00076	63.3	0.00477	0.0364	0.000201	0.000336	0.000145	0.114	0.00000222	0.000185	0.000603	0.00186	0.00000177
2049 May	0.046	0.0000106	1.51	11.5	0.0411	0.000761	63.4	0.00478	0.0364	0.000202	0.000337	0.000146	0.114	0.00000222	0.000185	0.000604	0.00187	0.00000177
2049 Jun	0.0449	0.0000105	1.45	10.8	0.0388	0.000718	58	0.00455	0.0364	0.00019	0.00033	0.000139	0.109	0.00000219	0.000177	0.00059	0.00187	0.00000157
2049 Jul	0.0443	0.0000104	1.43	10.5	0.0379	0.000703	55.8	0.00446	0.0363	0.000185	0.000327	0.000136	0.107	0.00000218	0.000174	0.000583	0.00187	0.00000149
2049 Aug	0.0446	0.0000105	1.45	10.7	0.0382	0.000711	56.3	0.00451	0.0365	0.000186	0.00033	0.000138	0.108	0.00000219	0.000175	0.000587	0.00188	0.0000015
2049 Sep	0.0446	0.0000106	1.45	10.9	0.0383	0.000724	56.5	0.00458	0.0366	0.000185	0.000332	0.000139	0.109	0.00000219	0.000178	0.000588	0.00188	0.00000149
2049 Oct	0.0445	0.0000106	1.46	11	0.0384	0.000733	56.5	0.00462	0.0366	0.000183	0.000333	0.00014	0.109	0.00000219	0.00018	0.000587	0.00188	0.00000148
2049 Nov	0.0445	0.0000106	1.46	11	0.0384	0.000735	56.4	0.00463	0.0367	0.000183	0.000333	0.00014	0.109	0.00000219	0.00018	0.000586	0.00188	0.00000147
2049 Dec	0.0445	0.0000106	1.46	11	0.0384	0.000736	56.4	0.00463	0.0367	0.000183	0.000333	0.00014	0.109	0.00000219	0.00018	0.000586	0.00188	0.00000147
2050 Jan	0.0445	0.0000106	1.46	11	0.0384	0.000736	56.4	0.00463	0.0367	0.000183	0.000333	0.00014	0.11	0.00000219	0.00018	0.000586	0.00188	0.00000147
2050 Feb	0.0446	0.0000106	1.46	11	0.0384	0.000736	56.4	0.00463	0.0367	0.000183	0.000333	0.00014	0.11	0.00000219	0.00018	0.000586	0.00188	0.00000147
2050 Mar	0.0446	0.0000106	1.46	11	0.0384	0.000736	56.4	0.00463	0.0367	0.000183	0.000333	0.00014	0.11	0.00000219	0.00018	0.000587	0.00188	0.00000147
2050 Apr	0.0446	0.0000106	1.46	11	0.0384	0.000736	56.4	0.00463	0.0368	0.000183	0.000333	0.00014	0.11	0.00000219	0.00018	0.000587	0.00188	0.00000147
2050 May	0.0447	0.0000106	1.46	11	0.0385	0.000737	56.5	0.00463	0.0368	0.000183	0.000333	0.00014	0.11	0.00000219	0.00018	0.000588	0.00188	0.00000147
2050 Jun	0.0442	0.0000106	1.44	10.8	0.0376	0.000719	53.7	0.00455	0.0368	0.000179	0.000332	0.000138	0.108	0.00000217	0.000177	0.000584	0.00189	0.00000136
2050 Jul	0.0437	0.0000105	1.42	10.5	0.0367	0.000704	51.7	0.00446	0.0366	0.000174	0.000328	0.000135	0.106	0.00000216	0.000174	0.000576	0.00188	0.00000129
2050 Aug	0.0438	0.0000106	1.43	10.6	0.0369	0.00071	51.9	0.0045	0.0368	0.000174	0.00033	0.000136	0.106	0.00000217	0.000175	0.000578	0.00189	0.00000129
2050 Sep	0.0439	0.0000106	1.43	10.7	0.0371	0.000719	52.1	0.00455	0.0368	0.000174	0.000332	0.000137	0.107	0.00000217	0.000177	0.000578	0.00189	0.00000129
2050 Oct	0.0439	0.0000106	1.43	10.8	0.0372	0.000723	52.2	0.00457	0.0369	0.000174	0.000333	0.000138	0.107	0.00000217	0.000178	0.000579	0.00189	0.00000129
2050 Nov	0.0439	0.0000107	1.44	10.8	0.0372	0.000725	52.2	0.00458	0.0369	0.000174	0.000333	0.000138	0.107	0.00000217	0.000178	0.00058	0.00189	0.00000129
2050 Dec	0.0439	0.0000107	1.44	10.8	0.0372	0.000725	52.2	0.00458	0.0369	0.000174	0.000333	0.000138	0.107	0.00000217	0.000178	0.00058	0.00189	0.00000129
2051 Jan	0.0439	0.0000107	1.44	10.8	0.0372	0.000725	52.2	0.00458	0.0369	0.000174	0.000333	0.000138	0.107	0.00000217	0.000178	0.00058	0.00189	0.00000129
2051 Feb	0.0439	0.0000107	1.44	10.8	0.0372	0.000725	52.2	0.00458	0.0369	0.000174	0.000333	0.000138	0.107	0.00000217	0.000178	0.00058	0.00189	0.00000129
2051 Mar	0.0439	0.0000107	1.44	10.8	0.0372	0.000725	52.2	0.00458	0.0369	0.000174	0.000333	0.000138	0.107	0.00000217	0.000178	0.00058	0.00189	0.00000129
2051 Apr	0.044	0.0000107	1.44	10.8	0.0372	0.000726	52.3	0.00459	0.0369	0.000174	0.000333	0.000138	0.107	0.00000217	0.000179	0.00058	0.00189	0.00000129
2051 May	0.0442	0.0000107	1.44	10.9	0.0376	0.000728	52.3	0.0046	0.037	0.000176	0.000335	0.000139	0.108	0.00000218	0.000179	0.000584	0.0019	0.00000129
2051 Jun	0.046	0.0000106	1.45	10.7	0.0395	0.000705	47.5	0.00451	0.0374	0.000198	0.000333	0.000138	0.109	0.00000214	0.000175	0.000606	0.0019	0.0000011
2051 Jul	0.0456	0.0000107	1.45	10.8	0.0394	0.000715	47	0.00458	0.0371	0.000195	0.000337	0.000139	0.109	0.00000214	0.000178	0.000605	0.0019	0.00000106
2051 Aug	0.0456	0.0000107	1.46	11	0.0395	0.000724	47	0.00462	0.0372	0.000194	0.000338	0.00014	0.11	0.00000214	0.000179	0.000604	0.0019	0.00000105
2051 Sep	0.0455	0.0000107	1.46	11	0.0394	0.000733	46.7	0.00465	0.0373	0.000191	0.000337	0.000141	0.11	0.00000214	0.000181	0.0006	0.0019	0.00000104
2051 Oct	0.0451	0.0000107	1.45	11	0.0385	0.000741	45.4	0.00462	0.0375	0.000184	0.00033	0.000139	0.11	0.00000212	0.00018	0.000585	0.00186	0.000000987
2051 Nov	0.045	0.0000107	1.45	11	0.0385	0.000742	45.3	0.00462	0.0375	0.000183	0.000329	0.000139	0.11	0.00000212	0.00018	0.000584	0.00186	0.000000982
2051 Dec	0.045	0.0000107	1.45	11	0.0385	0.000742	45.3	0.00462	0.0375	0.000183	0.000329	0.000139	0.11	0.00000212	0.00018	0.000584	0.00186	0.000000982
2052 Jan	0.045	0.0000107	1.45	11	0.0385	0.000742	45.3	0.00462	0.0375	0.000183	0.000329	0.000139	0.11	0.00000212	0.00018	0.000584	0.00186	0.000000982
2052 Feb	0.0451	0.0000107	1.45	11	0.0385	0.000742	45.3	0.00462	0.0375	0.000183	0.000329	0.000139	0.11	0.00000212	0.00018	0.000584	0.00186	0.000000982
2052 Mar	0.0451	0.0000107	1.45	11	0.0385	0.000742	45.3	0.00462	0.0375	0.000183	0.000329	0.000139	0.11	0.00000212	0.00018	0.000585	0.00186	0.000000982
2052 Apr	0.0451	0.0000107	1.45	11	0.0385	0.000742	45.3	0.00462	0.0375	0.000183	0.000329	0.000139	0.11	0.00000213	0.000181	0.000585	0.00186	0.000000982
2052 May	0.0453	0.0000107	1.46	11	0.0388	0.000742	45.3	0.00462	0.0376	0.000186	0.000329	0.00014	0.11	0.00000213	0.000181	0.000587	0.00186	0.00000098
2052 Jun	0.046	0.0000107	1.46	10.9	0.0395	0.000734	44	0.00459	0.0377	0.000194	0.000329	0.000139	0.111	0.00000212	0.000179	0.000595	0.00186	0.000000933
2052 Jul	0.046	0.0000107	1.46	11	0.0394	0.000739	43.7	0.00462	0.0378	0.000193	0.00033	0.00014	0.111	0.00000212	0.00018	0.000593	0.00187	0.000000917
2052 Aug	0.0461	0.0000108	1.47	11.1	0.0396	0.000746	43.8	0.00466	0.038	0.000192	0.000332	0.000141	0.111	0.00000213	0.000182	0.000594	0.00187	0.000000914
2052 Sep	0.0461	0.0000109	1.47	11.2	0.0397	0.000755	43.9	0.00471	0.038	0.000192	0.000333	0.000142	0.112	0.00000213	0.000184	0.000594	0.00187	0.000000909
2052 Oct	0.0461	0.0000109	1.48	11.3	0.0398	0.000763	44	0.00475	0.038	0.000191	0.000335	0.000143	0.113	0.00000213	0.000185	0.000595	0.00187	0.000000906
2052 Nov	0.0461	0.0000109	1.48	11.3	0.0398	0.000764	44	0.00476	0.038	0.000191	0.000335	0.000143	0.113	0.00000213	0.000186	0.000595	0.00187	0.000000906
2052 Dec	0.0461	0.0000109	1.48	11.3	0.0399	0.000765	44	0.00476	0.038	0.000191	0.000336	0.000143	0.113	0.00000213	0.000186	0.000595	0.00187	0.000000905
2053 Jan	0.0461	0.0000109	1.48	11.3	0.0399	0.000765	44	0.00476	0.038	0.000191	0.000336	0.000143	0.113	0.00000213	0.000186	0.000595	0.00187	0.000000905
2053 Feb	0.0461	0.0000109	1.48	11.3	0.0399	0.000765	44	0.00476	0.0381	0.000191	0.000336	0.000143	0.113	0.00000213	0.000186	0.000595	0.00187	0.000000905
2053 Mar	0.0461	0.0000109	1.48	11.3	0.0399	0.000765	44	0.00476	0.0381	0.000191	0.000336	0.000143	0.113	0.00000213	0.000186	0.000595	0.00187	0.000000905
2053 Apr	0.0462	0.0000109	1.48	11.3	0.0399	0.000766	44	0.00476	0.0381	0.000191	0.000336	0.000144	0.113	0.00000213	0.000186	0.000596	0.00187	0.000000906
2053 May	0.0474	0.0000109	1.5	11.4	0.0414	0.000765	43.5	0.00477	0.0383	0.000205	0.000337	0.000145	0.115	0.00000213	0.000186	0.00061	0.00188	0.000000886
2053 Jun	0.0499	0.0000109	1.53	11.4	0.0448	0.000757	41	0.00477	0.0385	0.000237	0.000338	0.000147	0.119	0.00000211	0.000185	0.000642	0.00187	0.000000791
2053 Jul	0.0499	0.000011	1.55	11.8	0.0454	0.000777	41.4	0.0049	0.0385	0.000237	0.000344	0.00015	0.12	0.00000212	0.00019	0.000647	0.00188	0.000000783
2053 Aug	0.0502	0.0000111	1.56	12	0.0458	0.000792	41.8	0.005	0.0387	0.000238	0.000349	0.000153	0.122	0.00000213	0.000193	0.000653	0.0019	0.000000785
2053 Sep	0.0503	0.0000112	1.58	12.5	0.0466	0.000817	42.5	0.00515	0.0388	0.000239	0.000357	0.000156	0.124	0.00000214	0.000199	0.00066	0.00191	0.000000786
2053 Oct	0.0504	0.0000113	1.59	12.7	0.0469	0.000832	42.9	0.00525	0.0388	0.000239	0.000362	0.000159	0.125	0.00000214	0.000203	0.000663	0.00192	0.000000786
2053 Nov	0.0504	0.0000113	1.59	12.8	0.047	0.000833	42.9	0.00525	0.0388	0.000239	0.000362	0.000159	0.125	0.00000214	0.000203	0.000663	0.00192	0.000000785
2053 Dec	0.0504	0.0000113	1.6	12.8	0.047	0.000833	42.9	0.00525	0.0388	0.000239	0.000362	0.000159	0.125	0.00000214	0.000203	0.000663	0.00192	0.000000785
2054 Jan	0.0504	0.0000113	1.6	12.8	0.047	0.000833	42.9	0.00525	0.0388	0.000239	0.000362	0.000159	0.125	0.00000214	0.000203	0.000663	0.00192	0.000000785
2054 Feb	0.0504	0.0000113	1.6	12.8	0.047	0.000833	42.9	0.00525	0.0388	0.000239	0.000362	0.000159	0.125	0.00000214	0.000203	0.000663	0.00192	0.000000785
2054 Mar	0.0504	0.0000113	1.6	12.8	0.047	0.000833	42.9	0.00525	0.0388	0.000239	0.000362	0.000159	0.125	0.00000214	0.000203	0.000663	0.00192	0.000000785
2054 Apr	0.0504	0.0000113	1.6	12.8	0.047	0.000834	42.9	0.00526	0.0388	0.000239	0.000362	0.000159	0.125	0.00000214	0.000203	0.000664	0.00192	0.000000785
2054 May	0.0506	0.0000113	1.6	12.8	0.0472	0.000834	42.9	0.00526	0.0389	0.000241	0.000363	0.000159	0.126	0.00000214	0.000203	0.000666	0.00192	0.000000784
2054 Jun	0.0526	0.0000113	1.61	12.5	0.0492	0.000808	40.5	0.00513	0.0394	0.000264	0.000359	0.000158	0.127	0.00000212	0.000198	0.000688	0.00192	0.000000719
2054 Jul	0.0522	0.0000113	1.6	12.5	0.0487	0.000808	40	0.00513	0.0393	0.00026	0.000359	0.000157	0.126	0.00000212	0.000198	0.000683	0.00192	0.000000701

2054 Aug	0.0522	0.0000113	1.61	12.6	0.0489	0.000817	40	0.00519	0.0393	0.000259	0.000361	0.000159	0.127	0.00000212	0.0002	0.000683	0.00192	0.000000697
2054 Sep	0.0521	0.0000114	1.61	12.7	0.0489	0.000826	40	0.00523	0.0393	0.000258	0.000362	0.00016	0.127	0.00000212	0.000202	0.000682	0.00192	0.000000692
2054 Oct	0.052	0.0000114	1.61	12.7	0.0488	0.000828	39.9	0.00524	0.0393	0.000256	0.000362	0.00016	0.127	0.00000212	0.000202	0.00068	0.00192	0.000000687
2054 Nov	0.0519	0.0000114	1.61	12.7	0.0486	0.000828	39.8	0.00522	0.0393	0.000255	0.000361	0.000159	0.127	0.00000212	0.000202	0.000678	0.00191	0.000000684
2054 Dec	0.0519	0.0000114	1.61	12.7	0.0486	0.000828	39.8	0.00523	0.0393	0.000255	0.000361	0.000159	0.127	0.00000212	0.000202	0.000678	0.00191	0.000000684
2055 Jan	0.0519	0.0000114	1.61	12.7	0.0486	0.000828	39.8	0.00522	0.0393	0.000255	0.000361	0.000159	0.127	0.00000212	0.000202	0.000678	0.00191	0.000000683
2055 Feb	0.0519	0.0000114	1.61	12.7	0.0487	0.000828	39.7	0.00522	0.0393	0.000255	0.000361	0.000159	0.127	0.00000212	0.000202	0.000678	0.00191	0.000000683
2055 Mar	0.0519	0.0000114	1.61	12.7	0.0487	0.000828	39.7	0.00522	0.0393	0.000255	0.000361	0.000159	0.127	0.00000212	0.000202	0.000678	0.00191	0.000000683
2055 Apr	0.052	0.0000114	1.61	12.7	0.0487	0.000828	39.8	0.00523	0.0393	0.000255	0.000361	0.000159	0.127	0.00000212	0.000202	0.000679	0.00191	0.000000683
2055 May	0.052	0.0000114	1.61	12.7	0.0488	0.00083	39.8	0.00523	0.0394	0.000256	0.000361	0.00016	0.127	0.00000213	0.000202	0.00068	0.00192	0.000000684
2055 Jun	0.0502	0.0000112	1.55	12	0.0457	0.000786	36.4	0.00499	0.0391	0.000237	0.000354	0.000152	0.121	0.0000021	0.000193	0.000659	0.00192	0.000000604
2055 Jul	0.0495	0.0000111	1.53	11.7	0.0446	0.000768	35.2	0.0049	0.0389	0.00023	0.00035	0.000149	0.119	0.0000021	0.000189	0.00065	0.00192	0.000000576
2055 Aug	0.0497	0.0000112	1.54	11.8	0.0448	0.000774	35.3	0.00493	0.0391	0.000231	0.000352	0.00015	0.119	0.00000211	0.000191	0.000653	0.00193	0.000000577
2055 Sep	0.0497	0.0000112	1.54	11.9	0.0449	0.00078	35.3	0.00496	0.0391	0.00023	0.000353	0.000151	0.12	0.00000211	0.000192	0.000652	0.00193	0.000000575
2055 Oct	0.0497	0.0000112	1.54	12	0.0449	0.000784	35.4	0.00498	0.0391	0.00023	0.000354	0.000151	0.12	0.00000211	0.000193	0.000653	0.00193	0.000000574
2055 Nov	0.0497	0.0000113	1.55	12	0.045	0.000786	35.4	0.00499	0.0391	0.00023	0.000355	0.000152	0.12	0.00000211	0.000193	0.000653	0.00193	0.000000574
2055 Dec	0.0497	0.0000113	1.55	12	0.045	0.000786	35.4	0.005	0.0391	0.00023	0.000355	0.000152	0.12	0.00000211	0.000193	0.000653	0.00193	0.000000574
2056 Jan	0.0497	0.0000113	1.55	12	0.045	0.000786	35.4	0.005	0.0391	0.00023	0.000355	0.000152	0.12	0.00000211	0.000193	0.000654	0.00193	0.000000574
2056 Feb	0.0498	0.0000113	1.55	12	0.045	0.000786	35.4	0.005	0.0391	0.00023	0.000355	0.000152	0.12	0.00000211	0.000193	0.000654	0.00193	0.000000574
2056 Mar	0.0498	0.0000113	1.55	12	0.045	0.000786	35.4	0.005	0.0391	0.00023	0.000355	0.000152	0.12	0.00000211	0.000193	0.000654	0.00193	0.000000574
2056 Apr	0.0498	0.0000113	1.55	12	0.0451	0.000787	35.4	0.005	0.0392	0.00023	0.000355	0.000152	0.12	0.00000211	0.000193	0.000654	0.00193	0.000000574
2056 May	0.0508	0.0000113	1.56	11.9	0.046	0.000779	35.1	0.00496	0.0395	0.000241	0.000354	0.000152	0.121	0.00000211	0.000192	0.000664	0.00193	0.000000566
2056 Jun	0.0546	0.0000111	1.59	11.4	0.0501	0.000742	32.8	0.00476	0.0401	0.000286	0.000345	0.00015	0.125	0.00000209	0.000184	0.000701	0.00191	0.000000513
2056 Jul	0.0548	0.0000111	1.6	11.6	0.0504	0.00075	32.9	0.00481	0.0403	0.000287	0.000347	0.000152	0.126	0.0000021	0.000186	0.000704	0.00192	0.000000511
2056 Aug	0.0548	0.0000112	1.6	11.7	0.0505	0.000758	32.9	0.00486	0.0404	0.000286	0.000349	0.000153	0.126	0.00000211	0.000188	0.000705	0.00193	0.00000051
2056 Sep	0.055	0.0000113	1.61	11.8	0.0508	0.000767	33.1	0.00491	0.0405	0.000287	0.000352	0.000154	0.127	0.00000211	0.00019	0.000708	0.00193	0.00000051
2056 Oct	0.0549	0.0000113	1.62	11.9	0.0508	0.000775	33.1	0.00495	0.0404	0.000286	0.000353	0.000155	0.127	0.00000211	0.000192	0.000707	0.00193	0.000000507
2056 Nov	0.0548	0.0000113	1.62	12	0.0508	0.000776	33.1	0.00495	0.0405	0.000285	0.000353	0.000155	0.127	0.00000211	0.000192	0.000706	0.00193	0.000000506
2056 Dec	0.0548	0.0000113	1.62	12	0.0508	0.000777	33.1	0.00496	0.0405	0.000285	0.000353	0.000155	0.127	0.00000211	0.000192	0.000706	0.00193	0.000000506
2057 Jan	0.0548	0.0000113	1.62	12	0.0508	0.000777	33.1	0.00496	0.0405	0.000285	0.000353	0.000155	0.127	0.00000211	0.000192	0.000706	0.00193	0.000000506
2057 Feb	0.0548	0.0000113	1.62	12	0.0508	0.000777	33.1	0.00496	0.0405	0.000285	0.000353	0.000155	0.127	0.00000211	0.000192	0.000706	0.00193	0.000000506
2057 Mar	0.0549	0.0000113	1.62	12	0.0508	0.000777	33.1	0.00496	0.0405	0.000285	0.000353	0.000155	0.127	0.00000211	0.000192	0.000707	0.00193	0.000000506
2057 Apr	0.0549	0.0000113	1.62	12	0.0508	0.000777	33.1	0.00496	0.0405	0.000285	0.000353	0.000155	0.128	0.00000211	0.000192	0.000707	0.00193	0.000000506
2057 May	0.055	0.0000113	1.62	12	0.051	0.000778	33.1	0.00497	0.0406	0.000286	0.000354	0.000155	0.128	0.00000212	0.000192	0.000709	0.00193	0.000000506
2057 Jun	0.0552	0.0000112	1.59	11.4	0.0505	0.000739	30.7	0.00475	0.0406	0.00029	0.000346	0.00015	0.125	0.0000021	0.000184	0.000708	0.00193	0.000000455
2057 Jul	0.055	0.0000112	1.59	11.4	0.0503	0.000742	30.5	0.00477	0.0406	0.000288	0.000347	0.000151	0.125	0.0000021	0.000185	0.000707	0.00193	0.000000448
2057 Aug	0.0554	0.0000113	1.61	11.6	0.0508	0.000752	30.8	0.00484	0.0409	0.00029	0.000351	0.000153	0.126	0.00000212	0.000187	0.000713	0.00195	0.000000451
2057 Sep	0.0555	0.0000114	1.62	11.8	0.0512	0.000767	31	0.00493	0.0409	0.00029	0.000356	0.000155	0.128	0.00000212	0.00019	0.000717	0.00196	0.000000451
2057 Oct	0.0554	0.0000114	1.63	12	0.0514	0.000778	31.1	0.005	0.0409	0.000289	0.000359	0.000156	0.128	0.00000212	0.000193	0.000718	0.00196	0.000000449
2057 Nov	0.0554	0.0000114	1.63	12.1	0.0513	0.00078	31.1	0.005	0.041	0.000289	0.000359	0.000156	0.128	0.00000212	0.000193	0.000718	0.00196	0.000000449
2057 Dec	0.0554	0.0000114	1.63	12.1	0.0513	0.00078	31.1	0.005	0.041	0.000288	0.000359	0.000156	0.128	0.00000212	0.000193	0.000718	0.00196	0.000000448
2058 Jan	0.0554	0.0000114	1.63	12.1	0.0513	0.00078	31.1	0.005	0.041	0.000288	0.000359	0.000156	0.128	0.00000212	0.000193	0.000718	0.00196	0.000000448
2058 Feb	0.0555	0.0000114	1.63	12.1	0.0514	0.00078	31.1	0.005	0.041	0.000289	0.000359	0.000156	0.128	0.00000212	0.000193	0.000718	0.00196	0.000000448
2058 Mar	0.0555	0.0000114	1.63	12.1	0.0514	0.00078	31.1	0.005	0.041	0.000289	0.000359	0.000156	0.128	0.00000212	0.000193	0.000718	0.00196	0.000000448
2058 Apr	0.0555	0.0000114	1.63	12.1	0.0514	0.00078	31.1	0.005	0.041	0.000289	0.000359	0.000156	0.128	0.00000212	0.000193	0.000718	0.00196	0.000000448
2058 May	0.0569	0.0000115	1.65	12.1	0.053	0.000777	30.7	0.00499	0.0413	0.000304	0.000359	0.000157	0.13	0.00000212	0.000193	0.000734	0.00196	0.000000438
2058 Jun	0.0613	0.0000113	1.7	12.1	0.0588	0.000763	28.2	0.00496	0.0417	0.000359	0.000357	0.000161	0.137	0.00000209	0.000191	0.000785	0.00194	0.000000372
2058 Jul	0.0612	0.0000115	1.73	12.9	0.0599	0.000808	28.7	0.00524	0.0416	0.000359	0.000371	0.000167	0.141	0.0000021	0.000201	0.000795	0.00196	0.000000366
2058 Aug	0.0615	0.0000116	1.75	13.1	0.0603	0.00082	28.9	0.00532	0.0418	0.00036	0.000375	0.000169	0.142	0.00000211	0.000204	0.0008	0.00197	0.000000367
2058 Sep	0.0614	0.0000117	1.75	13.3	0.0606	0.000834	29	0.0054	0.0418	0.000359	0.000379	0.000171	0.143	0.00000211	0.000207	0.000801	0.00197	0.000000366
2058 Oct	0.0614	0.0000118	1.76	13.5	0.0607	0.000844	29.1	0.00546	0.0418	0.000358	0.000381	0.000172	0.143	0.00000211	0.000209	0.000802	0.00197	0.000000365
2058 Nov	0.0614	0.0000118	1.76	13.5	0.0607	0.000845	29.1	0.00546	0.0418	0.000358	0.000381	0.000173	0.143	0.00000211	0.000209	0.000802	0.00197	0.000000364
2058 Dec	0.0614	0.0000118	1.76	13.5	0.0607	0.000845	29.1	0.00546	0.0418	0.000358	0.000381	0.000173	0.143	0.00000211	0.000209	0.000802	0.00197	0.000000364
2059 Jan	0.0614	0.0000118	1.76	13.5	0.0607	0.000845	29.1	0.00546	0.0418	0.000358	0.000381	0.000173	0.143	0.00000211	0.000209	0.000802	0.00197	0.000000364
2059 Feb	0.0614	0.0000118	1.76	13.5	0.0607	0.000845	29.1	0.00546	0.0418	0.000358	0.000381	0.000173	0.143	0.00000211	0.000209	0.000802	0.00197	0.000000364
2059 Mar	0.0614	0.0000118	1.76	13.5	0.0607	0.000845	29.1	0.00546	0.0418	0.000358	0.000381	0.000173	0.143	0.00000211	0.000209	0.000802	0.00197	0.000000364
2059 Apr	0.0614	0.0000118	1.76	13.5	0.0607	0.000845	29.1	0.00546	0.0418	0.000358	0.000381	0.000173	0.143	0.00000211	0.000209	0.000802	0.00197	0.000000364
2059 May	0.0619	0.0000118	1.77	13.4	0.0612	0.000843	29	0.00545	0.042	0.000363	0.000381	0.000173	0.144	0.00000211	0.000209	0.000807	0.00198	0.000000362
2059 Jun	0.0639	0.0000118	1.79	13.4	0.0636	0.000836	28.1	0.00543	0.0424	0.000386	0.000381	0.000174	0.147	0.0000021	0.000208	0.000831	0.00197	0.00000034
2059 Jul	0.0643	0.0000119	1.81	13.6	0.0642	0.000849	28.3	0.00551	0.0427	0.000388	0.000386	0.000176	0.148	0.00000212	0.000211	0.000837	0.00199	0.000000341
2059 Aug	0.0646	0.000012	1.82	13.8	0.0646	0.000858	28.5	0.00557	0.0429	0.00039	0.000389	0.000178	0.149	0.00000213	0.000213	0.000843	0.002	0.000000343
2059 Sep	0.0646	0.000012	1.83	13.9	0.0647	0.000868	28.5	0.00562	0.043	0.000389	0.000391	0.000179	0.15	0.00000213	0.000215	0.000843	0.00201	0.000000342
2059 Oct	0.064	0.000012	1.81	13.9	0.0637	0.000873	28.1	0.00559	0.0431	0.00038	0.000386	0.000177	0.149	0.00000212	0.000215	0.000829	0.00199	0.000000333
2059 Nov	0.0639	0.000012	1.81	13.9	0.0635	0.000873	28	0.00558	0.0431	0.000378	0.000385	0.000177	0.149	0.00000212	0.000215	0.000827	0.00198	0.000000331
2059 Dec	0.0639	0.000012	1.81	13.9	0.0634	0.000874	28	0.00558	0.0431	0.000378	0.000385	0.000177	0.149	0.00000212	0.000215	0.000826	0.00198	0.000000331
2060 Jan	0.0639	0.000012	1.81	13.9	0.0635	0.000874	28	0.00558	0.0431	0.000378	0.000385	0.000177	0.149	0.00000212	0.000215	0.000826	0.00198	0.000000331
2060 Feb	0.0639	0.000012	1.81	13.9	0.0635	0.000874	28	0.00558	0.0431	0.000378	0.000385	0.000177	0.149	0.00000212	0.000215	0.000827	0.00198	0.000000331
2060 Mar	0.0639	0.000012	1.81	13.9	0.0635	0.000874	28	0.00558	0.0431	0.000378	0.000385	0.000177	0.149	0.00000212	0.000215	0.000827	0.00198	0.000000331
2060 Apr	0.0639	0.000012	1.81	13.9	0.0635	0.000874	28	0.00559	0.0431	0.000378	0.000385	0.000177	0.149	0.00000212	0.000215	0.000827	0.00198	0.000000331
2060 May	0.0649	0.000012	1.82	13.8	0.0645	0.000865	27.6	0.00554	0.0434	0.000389	0.000383	0.000177	0.15	0.00000212	0.000213	0.000837	0.00198	0.000000324
2060 Jun	0.0661	0.0000118	1.82	13.4	0.0657	0.00084	26.2	0.00541	0.0433	0.000406	0.000377	0.000175	0.15	0.0000021	0.000208	0.000848	0.00196	0.000000295
2060 Jul	0.0663	0.0000119	1.84	13.6	0.0662	0.000853	26.4	0.00549	0.0435	0.000407	0.000382	0.000177	0.151	0.00000212	0.000211	0.000853	0.00198	0.000000295

2060 Aug	0.0663	0.000012	1.84	13.7	0.0662	0.000861	26.4	0.00553	0.0436	0.000405	0.000383	0.000178	0.152	0.00000212	0.000213	0.000852	0.00198	0.000000294
2060 Sep	0.0653	0.000012	1.83	13.7	0.065	0.00087	25.9	0.00553	0.0434	0.000394	0.000379	0.000177	0.151	0.00000211	0.000213	0.000834	0.00196	0.000000284
2060 Oct	0.065	0.000012	1.83	13.8	0.0649	0.000877	25.8	0.00557	0.0433	0.000391	0.00038	0.000178	0.151	0.00000211	0.000214	0.000831	0.00196	0.000000282
2060 Nov	0.0648	0.000012	1.83	13.8	0.0647	0.000878	25.8	0.00557	0.0433	0.000389	0.000379	0.000178	0.151	0.00000211	0.000214	0.000829	0.00195	0.000000281
2060 Dec	0.0648	0.000012	1.83	13.8	0.0647	0.000878	25.8	0.00557	0.0433	0.000389	0.000379	0.000178	0.151	0.00000211	0.000214	0.000829	0.00195	0.00000028
2061 Jan	0.0648	0.000012	1.83	13.8	0.0647	0.000878	25.8	0.00557	0.0433	0.000389	0.000379	0.000178	0.151	0.00000211	0.000214	0.000829	0.00195	0.00000028
2061 Feb	0.0649	0.000012	1.83	13.8	0.0647	0.000878	25.8	0.00557	0.0433	0.000389	0.000379	0.000178	0.151	0.00000211	0.000214	0.000829	0.00195	0.00000028
2061 Mar	0.0649	0.000012	1.83	13.8	0.0647	0.000878	25.8	0.00557	0.0433	0.000389	0.000379	0.000178	0.151	0.00000211	0.000214	0.000829	0.00195	0.00000028
2061 Apr	0.0649	0.000012	1.83	13.8	0.0648	0.000879	25.8	0.00557	0.0433	0.000389	0.000379	0.000178	0.151	0.00000211	0.000214	0.00083	0.00195	0.00000028
2061 May	0.0662	0.0000119	1.84	13.6	0.066	0.000863	25.2	0.00549	0.0436	0.000404	0.000376	0.000177	0.152	0.00000211	0.000211	0.000842	0.00195	0.000000271
2061 Jun	0.0673	0.0000117	1.84	13.3	0.0675	0.000838	23.8	0.00537	0.0432	0.000423	0.00037	0.000176	0.152	0.00000209	0.000206	0.000854	0.00192	0.00000024
2061 Jul	0.0675	0.0000118	1.86	13.7	0.0681	0.000859	23.9	0.0055	0.0434	0.000424	0.000377	0.000179	0.154	0.0000021	0.000211	0.000861	0.00194	0.00000024
2061 Aug	0.0679	0.0000119	1.87	13.8	0.0686	0.000869	24.1	0.00556	0.0436	0.000426	0.00038	0.000181	0.155	0.00000211	0.000213	0.000866	0.00195	0.000000241
2061 Sep	0.0679	0.000012	1.88	14	0.0689	0.000881	24.2	0.00564	0.0436	0.000426	0.000384	0.000183	0.156	0.00000211	0.000216	0.000869	0.00196	0.00000024
2061 Oct	0.0674	0.000012	1.88	14.1	0.0683	0.000889	24	0.00566	0.0436	0.000419	0.000383	0.000182	0.156	0.00000211	0.000217	0.000861	0.00195	0.000000236
2061 Nov	0.0672	0.000012	1.87	14	0.0678	0.000889	23.9	0.00563	0.0437	0.000415	0.000381	0.000182	0.155	0.00000211	0.000217	0.000856	0.00194	0.000000234
2061 Dec	0.0672	0.000012	1.87	14	0.0678	0.000889	23.9	0.00564	0.0437	0.000415	0.000381	0.000182	0.155	0.00000211	0.000217	0.000855	0.00194	0.000000234
2062 Jan	0.0672	0.000012	1.87	14	0.0678	0.00089	23.9	0.00564	0.0437	0.000415	0.000381	0.000182	0.155	0.00000211	0.000217	0.000856	0.00194	0.000000234
2062 Feb	0.0672	0.000012	1.87	14	0.0678	0.00089	23.9	0.00564	0.0437	0.000415	0.000381	0.000182	0.155	0.00000211	0.000217	0.000856	0.00194	0.000000234
2062 Mar	0.0672	0.000012	1.87	14	0.0679	0.00089	23.9	0.00564	0.0437	0.000415	0.000381	0.000182	0.155	0.00000211	0.000217	0.000856	0.00194	0.000000234
2062 Apr	0.0673	0.000012	1.87	14.1	0.0679	0.00089	23.9	0.00564	0.0437	0.000416	0.000381	0.000182	0.155	0.00000211	0.000217	0.000856	0.00194	0.000000234
2062 May	0.0674	0.000012	1.88	14.1	0.068	0.000891	23.9	0.00565	0.0438	0.000416	0.000381	0.000182	0.156	0.00000211	0.000217	0.000857	0.00195	0.000000234
2062 Jun	0.0646	0.0000119	1.81	13.5	0.064	0.000855	22.4	0.00544	0.0433	0.000387	0.000375	0.000175	0.148	0.00000209	0.00021	0.000827	0.00195	0.000000213
2062 Jul	0.0632	0.0000118	1.77	13.1	0.0618	0.000833	21.6	0.00532	0.043	0.000372	0.000371	0.00017	0.145	0.00000209	0.000205	0.00081	0.00195	0.000000202
2062 Aug	0.0631	0.0000118	1.77	13.2	0.0618	0.000841	21.5	0.00536	0.043	0.00037	0.000372	0.000171	0.145	0.00000209	0.000207	0.000808	0.00196	0.0000002
2062 Sep	0.0627	0.0000118	1.77	13.3	0.0614	0.00085	21.4	0.00539	0.0429	0.000365	0.000372	0.000172	0.145	0.00000209	0.000208	0.000802	0.00195	0.000000197
2062 Oct	0.0607	0.0000116	1.73	12.8	0.0583	0.000844	20.5	0.00524	0.0426	0.000342	0.000356	0.000166	0.141	0.00000207	0.000204	0.000763	0.00189	0.000000183
2062 Nov	0.0607	0.0000116	1.73	12.8	0.0582	0.000844	20.4	0.00523	0.0427	0.00034	0.000355	0.000166	0.141	0.00000207	0.000203	0.000761	0.00189	0.000000182
2062 Dec	0.0607	0.0000116	1.73	12.8	0.0582	0.000844	20.4	0.00523	0.0427	0.00034	0.000355	0.000166	0.141	0.00000207	0.000204	0.000761	0.00189	0.000000182
2063 Jan	0.0607	0.0000116	1.73	12.8	0.0582	0.000844	20.4	0.00523	0.0427	0.00034	0.000355	0.000166	0.141	0.00000207	0.000204	0.000761	0.00189	0.000000182
2063 Feb	0.0607	0.0000116	1.73	12.8	0.0582	0.000844	20.4	0.00523	0.0427	0.00034	0.000355	0.000166	0.141	0.00000207	0.000204	0.000762	0.00189	0.000000182
2063 Mar	0.0607	0.0000116	1.73	12.8	0.0582	0.000844	20.4	0.00523	0.0427	0.00034	0.000355	0.000166	0.141	0.00000207	0.000204	0.000762	0.00189	0.000000182
2063 Apr	0.0607	0.0000116	1.73	12.8	0.0582	0.000844	20.4	0.00523	0.0427	0.00034	0.000355	0.000166	0.141	0.00000207	0.000204	0.000762	0.00189	0.000000182
2063 May	0.0613	0.0000116	1.74	12.7	0.0588	0.000837	20.3	0.0052	0.0428	0.000347	0.000354	0.000166	0.141	0.00000207	0.000202	0.000768	0.00189	0.00000018
2063 Jun	0.0624	0.0000111	1.7	11.5	0.0589	0.000751	18.1	0.00473	0.0425	0.000368	0.000334	0.000156	0.137	0.00000204	0.000184	0.000772	0.00186	0.000000148
2063 Jul	0.0619	0.0000111	1.7	11.6	0.0586	0.000758	18	0.00478	0.0423	0.000363	0.000336	0.000156	0.137	0.00000204	0.000186	0.000769	0.00186	0.000000145
2063 Aug	0.0622	0.0000112	1.71	11.7	0.059	0.000767	18.1	0.00483	0.0425	0.000365	0.00034	0.000158	0.138	0.00000205	0.000188	0.000774	0.00187	0.000000145
2063 Sep	0.0621	0.0000113	1.71	11.9	0.059	0.00078	18.1	0.0049	0.0426	0.000362	0.000342	0.000159	0.139	0.00000206	0.000191	0.000772	0.00187	0.000000144
2063 Oct	0.0619	0.0000113	1.72	12	0.059	0.000788	18.1	0.00494	0.0425	0.00036	0.000343	0.00016	0.139	0.00000205	0.000192	0.000771	0.00187	0.000000143
2063 Nov	0.0619	0.0000113	1.72	12	0.0589	0.000789	18.1	0.00494	0.0426	0.000359	0.000343	0.00016	0.139	0.00000205	0.000192	0.000769	0.00187	0.000000142
2063 Dec	0.0618	0.0000113	1.72	12	0.0589	0.00079	18.1	0.00494	0.0426	0.000358	0.000343	0.00016	0.139	0.00000205	0.000192	0.000769	0.00187	0.000000142
2064 Jan	0.0619	0.0000113	1.72	12	0.0589	0.00079	18.1	0.00494	0.0426	0.000358	0.000343	0.00016	0.139	0.00000205	0.000192	0.000769	0.00187	0.000000142
2064 Feb	0.0619	0.0000113	1.72	12	0.0589	0.00079	18.1	0.00494	0.0426	0.000358	0.000343	0.00016	0.139	0.00000205	0.000192	0.00077	0.00187	0.000000142
2064 Mar	0.0619	0.0000113	1.72	12	0.0589	0.00079	18.1	0.00494	0.0426	0.000359	0.000343	0.00016	0.139	0.00000205	0.000192	0.00077	0.00187	0.000000142
2064 Apr	0.0619	0.0000113	1.72	12	0.0589	0.00079	18.1	0.00494	0.0426	0.000359	0.000343	0.00016	0.139	0.00000205	0.000192	0.00077	0.00187	0.000000142
2064 May	0.0632	0.0000113	1.73	11.9	0.0603	0.000778	17.8	0.00488	0.0429	0.000374	0.000341	0.00016	0.14	0.00000205	0.00019	0.000784	0.00187	0.000000138
2064 Jun	0.0664	0.0000111	1.76	11.7	0.0643	0.000753	16.8	0.00478	0.0431	0.000415	0.000337	0.000161	0.144	0.00000203	0.000186	0.00082	0.00185	0.00000012
2064 Jul	0.0666	0.0000113	1.78	12.1	0.0651	0.00078	17	0.00495	0.0432	0.000417	0.000346	0.000165	0.146	0.00000204	0.000192	0.000828	0.00187	0.000000119
2064 Aug	0.0666	0.0000114	1.79	12.3	0.0653	0.000791	17	0.00502	0.0432	0.000416	0.000348	0.000166	0.147	0.00000205	0.000194	0.000829	0.00187	0.000000119
2064 Sep	0.0661	0.0000115	1.8	12.6	0.0651	0.000812	17	0.00513	0.0431	0.000409	0.000352	0.000169	0.148	0.00000205	0.000198	0.000824	0.00187	0.000000117
2064 Oct	0.066	0.0000115	1.81	12.9	0.0653	0.000826	17	0.00521	0.0431	0.000408	0.000356	0.000171	0.149	0.00000205	0.000201	0.000826	0.00188	0.000000116
2064 Nov	0.0661	0.0000115	1.81	12.9	0.0654	0.000828	17.1	0.00522	0.0431	0.000408	0.000356	0.000171	0.149	0.00000205	0.000202	0.000826	0.00188	0.000000116
2064 Dec	0.0661	0.0000115	1.81	12.9	0.0654	0.000828	17.1	0.00522	0.0431	0.000408	0.000356	0.000171	0.149	0.00000205	0.000202	0.000826	0.00188	0.000000116
2065 Jan	0.0661	0.0000115	1.81	12.9	0.0654	0.000829	17.1	0.00522	0.0431	0.000408	0.000356	0.000171	0.149	0.00000205	0.000202	0.000826	0.00188	0.000000116
2065 Feb	0.0661	0.0000115	1.81	12.9	0.0654	0.000829	17.1	0.00522	0.0431	0.000408	0.000356	0.000171	0.149	0.00000205	0.000202	0.000827	0.00188	0.000000116
2065 Mar	0.0661	0.0000115	1.81	12.9	0.0654	0.000829	17.1	0.00522	0.0431	0.000408	0.000356	0.000171	0.149	0.00000205	0.000202	0.000827	0.00188	0.000000116
2065 Apr	0.0661	0.0000116	1.81	12.9	0.0654	0.000829	17.1	0.00523	0.0432	0.000408	0.000357	0.000171	0.149	0.00000205	0.000202	0.000827	0.00188	0.000000116
2065 May	0.0666	0.0000116	1.82	12.9	0.066	0.000829	17	0.00523	0.0433	0.000414	0.000357	0.000172	0.15	0.00000205	0.000202	0.000833	0.00188	0.000000115
2065 Jun	0.0663	0.0000114	1.8	12.7	0.0657	0.00081	16.3	0.00515	0.0429	0.000414	0.000354	0.000169	0.148	0.00000204	0.000199	0.000831	0.00187	0.000000104
2065 Jul	0.0664	0.0000115	1.81	12.9	0.0659	0.000823	16.4	0.00523	0.043	0.000413	0.000359	0.000171	0.149	0.00000205	0.000202	0.000835	0.00189	0.000000104
2065 Aug	0.0666	0.0000116	1.83	13.1	0.0664	0.000836	16.5	0.00531	0.0432	0.000415	0.000364	0.000174	0.151	0.00000206	0.000205	0.00084	0.0019	0.000000104
2065 Sep	0.0661	0.0000117	1.83	13.4	0.0661	0.000856	16.4	0.0054	0.0432	0.000408	0.000366	0.000175	0.151	0.00000206	0.000208	0.000834	0.0019	0.000000102
2065 Oct	0.0648	0.0000117	1.81	13.3	0.0641	0.000865	16	0.00537	0.0432	0.00039	0.000359	0.000173	0.149	0.00000205	0.000208	0.00081	0.00187	9.69E-08
2065 Nov	0.0646	0.0000116	1.8	13.2	0.0637	0.000864	15.9	0.00536	0.0432	0.000387	0.000357	0.000172	0.149	0.00000205	0.000208	0.000806	0.00186	9.62E-08
2065 Dec	0.0646	0.0000116	1.8	13.2	0.0637	0.000864	15.9	0.00536	0.0432	0.000387	0.000357	0.000172	0.149	0.00000205	0.000208	0.000805	0.00186	9.61E-08
2066 Jan	0.0646	0.0000116	1.8	13.3	0.0637	0.000865	15.9	0.00536	0.0432	0.000387	0.000357	0.000172	0.149	0.00000205	0.000208	0.000805	0.00186	9.61E-08
2066 Feb	0.0646	0.0000116	1.8	13.3	0.0637	0.000865	15.9	0.00536	0.0432	0.000387	0.000357	0.000172	0.149	0.00000205	0.000208	0.000806	0.00186	9.61E-08
2066 Mar	0.0646	0.0000116	1.8	13.3	0.0638	0.000865	15.9	0.00536	0.0432	0.000387	0.000357	0.000172	0.149	0.00000205	0.000208	0.000806	0.00186	9.61E-08
2066 Apr	0.0646	0.0000117	1.8	13.3	0.0638	0.000865	15.9	0.00536	0.0432	0.000387	0.000358	0.000172	0.149	0.00000205	0.000208	0.000806	0.00186	9.61E-08
2066 May	0.0648	0.0000117	1.81	13.3	0.0639	0.000866	16	0.00536	0.0433	0.000388	0.000358	0.000173	0.149	0.00000205	0.000208	0.000808	0.00186	9.62E-08
2066 Jun	0.0627	0.0000114	1.73	12.2	0.0602	0.000798	14.6	0.00499	0.0427	0.000369	0.000345	0.000162	0.141	0.00000203	0.000194	0.000782	0.00186	8.32E-08
2066 Jul	0.0626	0.0000115	1.74	12.4	0.0602	0.000808	14.6	0.00506	0.0428	0.000366	0.000349	0.000163	0.141	0.00000205	0.000197	0.000782	0.00188	8.18E-08

2066 Aug	0.0628	0.0000116	1.75	12.6	0.0606	0.000819	14.7	0.00513	0.043	0.000367	0.000353	0.000165	0.142	0.00000206	0.000199	0.000787	0.00189	0.000000082
2066 Sep	0.0628	0.0000116	1.76	12.8	0.0607	0.000833	14.7	0.0052	0.0431	0.000365	0.000356	0.000167	0.143	0.00000206	0.000202	0.000787	0.00189	8.16E-08
2066 Oct	0.0625	0.0000117	1.76	12.9	0.0605	0.000845	14.7	0.00526	0.0431	0.000361	0.000357	0.000168	0.143	0.00000206	0.000204	0.000784	0.00189	8.06E-08
2066 Nov	0.0624	0.0000117	1.76	12.9	0.0604	0.000846	14.7	0.00526	0.0431	0.00036	0.000357	0.000168	0.143	0.00000206	0.000204	0.000782	0.00189	8.03E-08
2066 Dec	0.0624	0.0000117	1.76	12.9	0.0604	0.000847	14.7	0.00526	0.0431	0.00036	0.000357	0.000168	0.143	0.00000206	0.000204	0.000782	0.00189	8.02E-08
2067 Jan	0.0624	0.0000117	1.76	12.9	0.0604	0.000847	14.7	0.00526	0.0431	0.00036	0.000357	0.000168	0.143	0.00000206	0.000204	0.000782	0.00189	8.02E-08
2067 Feb	0.0624	0.0000117	1.76	12.9	0.0604	0.000847	14.7	0.00526	0.0431	0.00036	0.000357	0.000168	0.143	0.00000206	0.000204	0.000782	0.00189	8.02E-08
2067 Mar	0.0624	0.0000117	1.76	12.9	0.0604	0.000847	14.7	0.00526	0.0431	0.00036	0.000357	0.000168	0.143	0.00000206	0.000204	0.000783	0.00189	8.02E-08
2067 Apr	0.0625	0.0000117	1.76	12.9	0.0604	0.000847	14.7	0.00526	0.0431	0.00036	0.000357	0.000168	0.144	0.00000206	0.000205	0.000783	0.00189	8.02E-08
2067 May	0.063	0.0000117	1.76	12.9	0.0609	0.000844	14.6	0.00524	0.0433	0.000365	0.000357	0.000168	0.144	0.00000206	0.000204	0.000788	0.00189	7.97E-08
2067 Jun	0.0639	0.0000116	1.76	12.6	0.0619	0.000821	14.2	0.00514	0.0434	0.000378	0.000353	0.000166	0.144	0.00000205	0.0002	0.000799	0.00188	7.39E-08
2067 Jul	0.0642	0.0000117	1.78	12.8	0.0624	0.000835	14.3	0.00523	0.0436	0.00038	0.000358	0.000169	0.146	0.00000206	0.000203	0.000805	0.0019	7.39E-08
2067 Aug	0.0642	0.0000118	1.78	13	0.0624	0.000847	14.2	0.0053	0.0437	0.000378	0.000361	0.00017	0.146	0.00000207	0.000206	0.000804	0.00191	7.33E-08
2067 Sep	0.0642	0.0000118	1.79	13.2	0.0626	0.00086	14.3	0.00537	0.0437	0.000376	0.000364	0.000172	0.147	0.00000207	0.000208	0.000805	0.00191	0.000000073
2067 Oct	0.0638	0.0000119	1.79	13.3	0.0621	0.000867	14.2	0.00538	0.0437	0.000371	0.000363	0.000172	0.147	0.00000207	0.000209	0.000798	0.0019	7.18E-08
2067 Nov	0.0637	0.0000119	1.78	13.3	0.0619	0.000868	14.1	0.00537	0.0438	0.000369	0.000362	0.000171	0.147	0.00000206	0.000209	0.000795	0.0019	7.14E-08
2067 Dec	0.0637	0.0000119	1.78	13.3	0.0618	0.000868	14.1	0.00537	0.0438	0.000369	0.000362	0.000171	0.147	0.00000206	0.000209	0.000795	0.0019	7.14E-08
2068 Jan	0.0637	0.0000119	1.78	13.3	0.0619	0.000868	14.1	0.00537	0.0438	0.000369	0.000362	0.000171	0.147	0.00000206	0.000209	0.000795	0.0019	7.14E-08
2068 Feb	0.0637	0.0000119	1.79	13.3	0.0619	0.000868	14.1	0.00537	0.0438	0.000369	0.000362	0.000171	0.147	0.00000206	0.000209	0.000795	0.0019	7.14E-08
2068 Mar	0.0637	0.0000119	1.79	13.3	0.0619	0.000868	14.1	0.00537	0.0438	0.000369	0.000362	0.000171	0.147	0.00000207	0.000209	0.000795	0.0019	7.14E-08
2068 Apr	0.0638	0.0000119	1.79	13.3	0.062	0.000869	14.1	0.00538	0.0439	0.000369	0.000362	0.000171	0.147	0.00000207	0.000209	0.000796	0.0019	7.14E-08
2068 May	0.0646	0.0000118	1.79	13.2	0.0627	0.000859	14	0.00533	0.0441	0.000378	0.00036	0.000171	0.147	0.00000207	0.000207	0.000804	0.0019	7.02E-08
2068 Jun	0.0669	0.0000114	1.79	12.3	0.065	0.000794	13.1	0.00499	0.0438	0.000413	0.000346	0.000165	0.147	0.00000204	0.000194	0.000826	0.00186	5.89E-08
2068 Jul	0.0668	0.0000116	1.8	12.6	0.0653	0.000816	13.2	0.00513	0.0438	0.000411	0.000352	0.000169	0.148	0.00000204	0.000199	0.000828	0.00188	5.81E-08
2068 Aug	0.0671	0.0000117	1.81	12.8	0.0657	0.000826	13.2	0.0052	0.0441	0.000413	0.000356	0.00017	0.15	0.00000206	0.000202	0.000833	0.00189	5.82E-08
2068 Sep	0.067	0.0000117	1.82	13	0.0657	0.000838	13.2	0.00526	0.0441	0.00041	0.000358	0.000172	0.15	0.00000206	0.000204	0.000832	0.00189	5.78E-08
2068 Oct	0.0669	0.0000118	1.82	13.1	0.0657	0.000845	13.2	0.00529	0.0442	0.000409	0.000359	0.000172	0.15	0.00000206	0.000205	0.000831	0.00189	5.76E-08
2068 Nov	0.0669	0.0000118	1.82	13.1	0.0657	0.000846	13.2	0.0053	0.0442	0.000409	0.00036	0.000172	0.151	0.00000206	0.000206	0.000831	0.00189	5.76E-08
2068 Dec	0.0669	0.0000118	1.82	13.1	0.0657	0.000846	13.2	0.0053	0.0442	0.000409	0.00036	0.000172	0.151	0.00000206	0.000206	0.000831	0.00189	5.76E-08
2069 Jan	0.0669	0.0000118	1.82	13.1	0.0658	0.000847	13.2	0.0053	0.0442	0.000409	0.00036	0.000172	0.151	0.00000206	0.000206	0.000831	0.00189	5.76E-08
2069 Feb	0.0669	0.0000118	1.82	13.1	0.0658	0.000847	13.2	0.0053	0.0442	0.000409	0.00036	0.000172	0.151	0.00000206	0.000206	0.000832	0.00189	5.76E-08
2069 Mar	0.0669	0.0000118	1.82	13.1	0.0658	0.000847	13.2	0.0053	0.0442	0.000409	0.00036	0.000172	0.151	0.00000206	0.000206	0.000832	0.00189	5.76E-08
2069 Apr	0.0669	0.0000118	1.82	13.1	0.0658	0.000847	13.2	0.0053	0.0442	0.000409	0.00036	0.000173	0.151	0.00000206	0.000206	0.000832	0.00189	5.76E-08
2069 May	0.0671	0.0000118	1.83	13.1	0.0659	0.000849	13.3	0.00531	0.0443	0.00041	0.00036	0.000173	0.151	0.00000206	0.000206	0.000834	0.0019	5.77E-08
2069 Jun	0.0652	0.0000116	1.77	12.5	0.0629	0.000806	12.5	0.00508	0.0439	0.00039	0.000353	0.000166	0.145	0.00000205	0.000197	0.000812	0.0019	5.24E-08
2069 Jul	0.065	0.0000117	1.77	12.5	0.0626	0.000809	12.5	0.0051	0.044	0.000387	0.000355	0.000166	0.145	0.00000206	0.000198	0.000811	0.00191	5.16E-08
2069 Aug	0.0651	0.0000118	1.78	12.7	0.0629	0.00082	12.5	0.00517	0.0441	0.000387	0.000359	0.000168	0.146	0.00000207	0.000201	0.000814	0.00192	5.16E-08
2069 Sep	0.0645	0.0000118	1.77	12.8	0.0622	0.00083	12.4	0.00519	0.044	0.00038	0.000358	0.000168	0.145	0.00000206	0.000202	0.000805	0.00191	5.05E-08
2069 Oct	0.0633	0.0000117	1.75	12.6	0.0604	0.000833	12.2	0.00513	0.044	0.000364	0.000349	0.000165	0.143	0.00000205	0.000201	0.000782	0.00188	4.82E-08
2069 Nov	0.0632	0.0000117	1.75	12.6	0.0602	0.000833	12.1	0.00512	0.044	0.000362	0.000348	0.000165	0.143	0.00000205	0.000201	0.000779	0.00187	4.79E-08
2069 Dec	0.0632	0.0000117	1.75	12.6	0.0601	0.000833	12.1	0.00512	0.044	0.000362	0.000348	0.000165	0.143	0.00000205	0.000201	0.000779	0.00187	4.79E-08
2070 Jan	0.0632	0.0000117	1.75	12.6	0.0601	0.000833	12.1	0.00512	0.044	0.000362	0.000348	0.000165	0.143	0.00000205	0.000201	0.000779	0.00187	4.79E-08
2070 Feb	0.0632	0.0000117	1.75	12.6	0.0602	0.000833	12.1	0.00512	0.044	0.000362	0.000348	0.000165	0.143	0.00000205	0.0002	0.000779	0.00187	4.79E-08
2070 Mar	0.0633	0.0000117	1.75	12.6	0.0602	0.000833	12.1	0.00512	0.044	0.000362	0.000348	0.000165	0.143	0.00000205	0.0002	0.000779	0.00187	4.79E-08
2070 Apr	0.0633	0.0000117	1.75	12.6	0.0602	0.000833	12.1	0.00512	0.044	0.000363	0.000348	0.000165	0.143	0.00000205	0.000201	0.00078	0.00187	4.79E-08
2070 May	0.064	0.0000117	1.76	12.5	0.0609	0.000826	12.1	0.00509	0.0442	0.00037	0.000347	0.000164	0.143	0.00000205	0.000199	0.000787	0.00187	4.72E-08
2070 Jun	0.0662	0.0000115	1.77	12	0.0632	0.000789	11.8	0.0049	0.0444	0.000399	0.000339	0.000162	0.145	0.00000204	0.000192	0.000809	0.00186	4.32E-08
2070 Jul	0.0665	0.0000116	1.78	12.1	0.0635	0.000798	11.8	0.00496	0.0446	0.0004	0.000343	0.000164	0.146	0.00000205	0.000194	0.000813	0.00187	4.32E-08
2070 Aug	0.0666	0.0000116	1.79	12.3	0.0638	0.000807	11.9	0.00501	0.0447	0.0004	0.000345	0.000165	0.146	0.00000206	0.000196	0.000815	0.00188	4.31E-08
2070 Sep	0.0662	0.0000117	1.79	12.4	0.0633	0.000818	11.8	0.00504	0.0448	0.000395	0.000345	0.000165	0.146	0.00000206	0.000198	0.000809	0.00187	4.24E-08
2070 Oct	0.0657	0.0000116	1.78	12.3	0.0625	0.00082	11.7	0.00502	0.0447	0.000387	0.000342	0.000164	0.145	0.00000205	0.000197	0.000799	0.00186	4.15E-08
2070 Nov	0.0655	0.0000116	1.77	12.3	0.0623	0.00082	11.7	0.00501	0.0448	0.000386	0.000341	0.000164	0.145	0.00000205	0.000197	0.000796	0.00185	4.13E-08
2070 Dec	0.0655	0.0000116	1.77	12.3	0.0623	0.00082	11.7	0.00501	0.0448	0.000385	0.000341	0.000164	0.145	0.00000205	0.000197	0.000796	0.00185	4.13E-08
2071 Jan	0.0655	0.0000116	1.77	12.3	0.0623	0.00082	11.7	0.00501	0.0448	0.000385	0.000341	0.000164	0.145	0.00000205	0.000197	0.000796	0.00185	4.13E-08
2071 Feb	0.0656	0.0000116	1.77	12.3	0.0623	0.00082	11.7	0.00501	0.0448	0.000385	0.000341	0.000164	0.145	0.00000205	0.000197	0.000796	0.00185	4.13E-08
2071 Mar	0.0656	0.0000116	1.77	12.3	0.0623	0.00082	11.7	0.00501	0.0448	0.000386	0.000341	0.000164	0.145	0.00000205	0.000197	0.000796	0.00185	4.13E-08
2071 Apr	0.0656	0.0000116	1.77	12.3	0.0623	0.00082	11.7	0.00501	0.0448	0.000386	0.000341	0.000164	0.145	0.00000205	0.000197	0.000796	0.00185	4.13E-08
2071 May	0.066	0.0000116	1.78	12.2	0.0627	0.000813	11.6	0.00498	0.0448	0.000391	0.000339	0.000163	0.145	0.00000205	0.000196	0.000801	0.00185	4.08E-08
2071 Jun	0.0664	0.0000114	1.76	11.7	0.0629	0.000775	11.3	0.00479	0.0445	0.000401	0.000331	0.00016	0.144	0.00000204	0.000188	0.000804	0.00184	3.68E-08
2071 Jul	0.0662	0.0000114	1.76	11.7	0.0628	0.000778	11.2	0.00481	0.0445	0.000399	0.000333	0.00016	0.144	0.00000204	0.000189	0.000803	0.00184	3.65E-08
2071 Aug	0.0665	0.0000114	1.77	11.8	0.063	0.000784	11.3	0.00485	0.0447	0.0004	0.000335	0.000161	0.144	0.00000205	0.00019	0.000806	0.00185	3.65E-08
2071 Sep	0.0661	0.0000115	1.77	11.9	0.0627	0.000792	11.2	0.00487	0.0446	0.000395	0.000335	0.000161	0.144	0.00000205	0.000191	0.000801	0.00185	3.61E-08
2071 Oct	0.0659	0.0000115	1.76	11.9	0.0624	0.000794	11.2	0.00487	0.0446	0.000392	0.000334	0.000161	0.144	0.00000205	0.000192	0.000797	0.00184	3.58E-08
2071 Nov	0.0658	0.0000115	1.76	11.8	0.0622	0.000794	11.2	0.00486	0.0446	0.00039	0.000333	0.000161	0.144	0.00000205	0.000191	0.000794	0.00184	3.56E-08
2071 Dec	0.0657	0.0000115	1.76	11.8	0.0621	0.000794	11.2	0.00486	0.0446	0.00039	0.000333	0.000161	0.144	0.00000205	0.000191	0.000794	0.00184	3.56E-08
2072 Jan	0.0657	0.0000115	1.76	11.8	0.0621	0.000794	11.2	0.00486	0.0446	0.00039	0.000333	0.000161	0.144	0.00000205	0.000191	0.000794	0.00184	3.55E-08
2072 Feb	0.0658	0.0000115	1.76	11.8	0.0621	0.000794	11.2	0.00486	0.0446	0.00039	0.000333	0.000161	0.144	0.00000205	0.000191	0.000794	0.00184	3.55E-08
2072 Mar	0.0658	0.0000115	1.76	11.8	0.0622	0.000794	11.2	0.00486	0.0446	0.00039	0.000333	0.000161	0.144	0.00000205	0.000191	0.000794	0.00184	3.55E-08
2072 Apr	0.0658	0.0000115	1.76	11.8	0.0622	0.000795	11.2	0.00486	0.0446	0.00039	0.000333	0.000161	0.144	0.00000205	0.000191	0.000795	0.00184	3.56E-08
2072 May	0.0659	0.0000115	1.77	11.9	0.0623	0.000796	11.2	0.00487	0.0447	0.000391	0.000334	0.000161	0.144	0.00000205	0.000192	0.000796	0.00184	3.56E-08
2072 Jun	0.0642	0.0000114	1.72	11.5	0.0598	0.000771	10.8	0.00474	0.0444	0.000373	0.000331	0.000156	0.14	0.00000205	0.000187	0.000778	0.00185	3.33E-08
2072 Jul	0.0638	0.0000114	1.71	11.4	0.0591	0.000768	10.7	0.00473	0.0444	0.000368	0.000331	0.000156	0.139	0.00000205	0.000186	0.000773	0.00186	3.26E-08

2072 Aug	0.0629	0.0000114	1.7	11.3	0.0578	0.000768	10.5	0.00468	0.0442	0.000356	0.000324	0.000154	0.137	0.00000205	0.000185	0.000752	0.00184	3.15E-08
2072 Sep	0.0622	0.0000114	1.69	11.2	0.0569	0.000769	10.4	0.00465	0.0441	0.000348	0.000321	0.000153	0.136	0.00000205	0.000184	0.00074	0.00182	3.07E-08
2072 Oct	0.0614	0.0000113	1.68	11.1	0.0558	0.000769	10.3	0.00461	0.0439	0.00034	0.000316	0.000151	0.135	0.00000204	0.000183	0.000726	0.0018	2.98E-08
2072 Nov	0.0613	0.0000113	1.68	11.1	0.0556	0.000769	10.3	0.00461	0.0439	0.000338	0.000315	0.000151	0.134	0.00000204	0.000183	0.000724	0.0018	2.96E-08
2072 Dec	0.0613	0.0000113	1.68	11.1	0.0556	0.000769	10.3	0.00461	0.0439	0.000338	0.000315	0.000151	0.134	0.00000204	0.000183	0.000724	0.0018	2.96E-08
2073 Jan	0.0613	0.0000113	1.68	11.1	0.0556	0.000769	10.3	0.00461	0.0439	0.000338	0.000315	0.000151	0.134	0.00000204	0.000183	0.000724	0.0018	2.96E-08
2073 Feb	0.0613	0.0000113	1.68	11.1	0.0556	0.000769	10.3	0.00461	0.0439	0.000338	0.000315	0.000151	0.134	0.00000204	0.000183	0.000724	0.0018	2.96E-08
2073 Mar	0.0613	0.0000113	1.68	11.1	0.0556	0.000769	10.3	0.00461	0.0439	0.000338	0.000315	0.000151	0.134	0.00000204	0.000183	0.000724	0.0018	2.96E-08
2073 Apr	0.0614	0.0000113	1.68	11.1	0.0557	0.00077	10.3	0.00461	0.0439	0.000338	0.000315	0.000151	0.135	0.00000204	0.000183	0.000725	0.0018	2.96E-08
2073 May	0.0628	0.0000113	1.69	11	0.0573	0.000758	10.2	0.00456	0.0442	0.000356	0.000314	0.000151	0.136	0.00000204	0.000181	0.000741	0.0018	2.86E-08
2073 Jun	0.0649	0.0000112	1.72	10.9	0.0602	0.000745	10.1	0.00454	0.0443	0.000384	0.000315	0.000153	0.139	0.00000203	0.000179	0.00077	0.0018	2.59E-08
2073 Jul	0.065	0.0000113	1.73	11.2	0.0605	0.000761	10.1	0.00464	0.0443	0.000383	0.00032	0.000155	0.14	0.00000204	0.000183	0.000773	0.00181	2.57E-08
2073 Aug	0.0651	0.0000114	1.74	11.3	0.0608	0.000768	10.1	0.00468	0.0444	0.000384	0.000322	0.000156	0.141	0.00000205	0.000185	0.000776	0.00182	2.57E-08
2073 Sep	0.065	0.0000114	1.74	11.5	0.0608	0.000778	10.1	0.00473	0.0444	0.000382	0.000324	0.000157	0.141	0.00000205	0.000187	0.000775	0.00182	2.56E-08
2073 Oct	0.0646	0.0000114	1.74	11.5	0.0603	0.000784	10	0.00475	0.0444	0.000376	0.000323	0.000157	0.141	0.00000204	0.000187	0.000768	0.00181	2.52E-08
2073 Nov	0.0644	0.0000114	1.73	11.5	0.06	0.000784	10	0.00473	0.0444	0.000374	0.000322	0.000157	0.141	0.00000204	0.000187	0.000765	0.00181	0.000000025
2073 Dec	0.0644	0.0000114	1.73	11.5	0.06	0.000784	10	0.00474	0.0444	0.000374	0.000322	0.000157	0.141	0.00000204	0.000187	0.000765	0.00181	0.000000025
2074 Jan	0.0644	0.0000114	1.73	11.5	0.06	0.000785	10	0.00474	0.0444	0.000374	0.000322	0.000157	0.141	0.00000204	0.000187	0.000765	0.00181	0.000000025
2074 Feb	0.0644	0.0000114	1.73	11.5	0.06	0.000785	10	0.00474	0.0444	0.000374	0.000322	0.000157	0.141	0.00000204	0.000187	0.000765	0.00181	0.000000025
2074 Mar	0.0644	0.0000114	1.73	11.5	0.06	0.000785	10	0.00474	0.0444	0.000374	0.000322	0.000157	0.141	0.00000204	0.000187	0.000765	0.00181	0.000000025
2074 Apr	0.0645	0.0000114	1.74	11.5	0.0601	0.000785	10	0.00474	0.0445	0.000374	0.000322	0.000157	0.141	0.00000204	0.000187	0.000766	0.00181	0.000000025
2074 May	0.0666	0.0000113	1.75	11.2	0.0623	0.000762	9.94	0.00463	0.0449	0.0004	0.000319	0.000156	0.143	0.00000204	0.000183	0.000789	0.00181	2.36E-08
2074 Jun	0.0694	0.0000111	1.78	11	0.066	0.000735	9.75	0.00454	0.0448	0.000438	0.000317	0.000157	0.146	0.00000202	0.000179	0.000825	0.0018	2.04E-08
2074 Jul	0.0697	0.0000113	1.81	11.5	0.0669	0.000763	9.83	0.00472	0.045	0.00044	0.000326	0.000161	0.149	0.00000203	0.000185	0.000834	0.00182	2.03E-08
2074 Aug	0.0701	0.0000114	1.82	11.7	0.0674	0.000773	9.89	0.00478	0.0452	0.000443	0.000329	0.000163	0.15	0.00000205	0.000187	0.00084	0.00183	2.04E-08
2074 Sep	0.0697	0.0000115	1.83	12	0.0673	0.000793	9.85	0.00489	0.0452	0.000437	0.000333	0.000165	0.151	0.00000204	0.000191	0.000837	0.00183	2.01E-08
2074 Oct	0.0693	0.0000115	1.83	12.2	0.0671	0.000807	9.81	0.00495	0.0452	0.000432	0.000335	0.000166	0.151	0.00000204	0.000194	0.000833	0.00183	1.99E-08
2074 Nov	0.0693	0.0000116	1.83	12.3	0.0671	0.000813	9.8	0.00498	0.0452	0.000431	0.000336	0.000167	0.151	0.00000204	0.000195	0.000833	0.00183	1.98E-08
2074 Dec	0.0693	0.0000116	1.83	12.3	0.0671	0.000814	9.8	0.00499	0.0452	0.000431	0.000337	0.000167	0.151	0.00000204	0.000196	0.000833	0.00183	1.98E-08
2075 Jan	0.0693	0.0000116	1.83	12.3	0.0671	0.000814	9.8	0.00499	0.0452	0.000431	0.000337	0.000167	0.151	0.00000204	0.000196	0.000833	0.00183	1.98E-08
2075 Feb	0.0693	0.0000116	1.83	12.3	0.0671	0.000814	9.8	0.00499	0.0452	0.000431	0.000337	0.000167	0.151	0.00000204	0.000196	0.000833	0.00183	1.98E-08
2075 Mar	0.0693	0.0000116	1.83	12.3	0.0671	0.000814	9.8	0.00499	0.0452	0.000431	0.000337	0.000167	0.151	0.00000204	0.000196	0.000833	0.00183	1.98E-08
2075 Apr	0.0693	0.0000116	1.83	12.3	0.0672	0.000815	9.81	0.00499	0.0452	0.000431	0.000337	0.000167	0.151	0.00000204	0.000196	0.000834	0.00183	1.98E-08
2075 May	0.0695	0.0000116	1.84	12.4	0.0674	0.00082	9.83	0.00503	0.0453	0.000432	0.000339	0.000168	0.152	0.00000205	0.000197	0.000837	0.00183	1.98E-08
2075 Jun	0.0663	0.0000115	1.77	12	0.0633	0.000792	9.31	0.0049	0.0445	0.000399	0.000338	0.000162	0.145	0.00000203	0.000192	0.000806	0.00185	1.77E-08
2075 Jul	0.0653	0.0000115	1.75	11.9	0.062	0.000786	9.18	0.00487	0.0443	0.000388	0.000338	0.000161	0.143	0.00000204	0.000191	0.000797	0.00186	1.71E-08
2075 Aug	0.0655	0.0000116	1.76	12	0.0622	0.000793	9.21	0.00492	0.0444	0.000389	0.000341	0.000162	0.144	0.00000205	0.000192	0.0008	0.00187	1.71E-08
2075 Sep	0.0655	0.0000116	1.76	12.1	0.0624	0.000801	9.22	0.00496	0.0445	0.000389	0.000343	0.000163	0.144	0.00000205	0.000194	0.000802	0.00187	1.71E-08
2075 Oct	0.0654	0.0000116	1.76	12.2	0.0623	0.000805	9.21	0.00498	0.0445	0.000387	0.000343	0.000163	0.144	0.00000205	0.000195	0.0008	0.00187	0.000000017
2075 Nov	0.0653	0.0000116	1.76	12.2	0.0622	0.000806	9.19	0.00498	0.0445	0.000386	0.000343	0.000163	0.144	0.00000205	0.000195	0.000799	0.00187	1.69E-08
2075 Dec	0.0653	0.0000116	1.76	12.2	0.0621	0.000806	9.19	0.00498	0.0445	0.000386	0.000343	0.000163	0.144	0.00000205	0.000195	0.000798	0.00187	1.69E-08
2076 Jan	0.0653	0.0000116	1.76	12.1	0.0621	0.000806	9.19	0.00498	0.0445	0.000386	0.000343	0.000163	0.144	0.00000205	0.000195	0.000798	0.00187	1.69E-08
2076 Feb	0.0653	0.0000116	1.76	12.1	0.0622	0.000806	9.19	0.00498	0.0445	0.000386	0.000343	0.000163	0.144	0.00000205	0.000195	0.000799	0.00187	1.69E-08
2076 Mar	0.0653	0.0000116	1.76	12.1	0.0622	0.000806	9.19	0.00498	0.0446	0.000386	0.000343	0.000163	0.144	0.00000205	0.000195	0.000799	0.00187	1.69E-08
2076 Apr	0.0654	0.0000116	1.76	12.2	0.0622	0.000806	9.2	0.00498	0.0446	0.000386	0.000343	0.000163	0.144	0.00000205	0.000195	0.000799	0.00187	1.69E-08
2076 May	0.066	0.0000116	1.77	12.1	0.0628	0.0008	9.19	0.00495	0.0448	0.000393	0.000342	0.000163	0.145	0.00000205	0.000194	0.000806	0.00187	1.67E-08
2076 Jun	0.0665	0.0000114	1.75	11.6	0.063	0.000764	8.97	0.00476	0.0446	0.000402	0.000335	0.000159	0.143	0.00000203	0.000186	0.00081	0.00186	1.52E-08
2076 Jul	0.0663	0.0000114	1.75	11.6	0.0629	0.000766	8.98	0.00478	0.0446	0.0004	0.000336	0.000159	0.143	0.00000204	0.000187	0.000809	0.00187	0.000000015
2076 Aug	0.0666	0.0000115	1.77	11.7	0.0632	0.000774	9.02	0.00483	0.0448	0.000402	0.000339	0.000161	0.144	0.00000205	0.000189	0.000813	0.00188	1.51E-08
2076 Sep	0.0667	0.0000116	1.77	11.9	0.0634	0.000783	9.04	0.00488	0.0448	0.000402	0.000341	0.000162	0.145	0.00000205	0.000191	0.000815	0.00188	1.51E-08
2076 Oct	0.0663	0.0000116	1.77	11.9	0.0629	0.000787	8.98	0.00488	0.0448	0.000397	0.00034	0.000162	0.144	0.00000205	0.000191	0.000809	0.00187	1.49E-08
2076 Nov	0.0662	0.0000116	1.76	11.9	0.0627	0.000788	8.96	0.00488	0.0449	0.000395	0.000339	0.000161	0.144	0.00000205	0.000191	0.000806	0.00187	1.48E-08
2076 Dec	0.0662	0.0000116	1.76	11.9	0.0627	0.000789	8.95	0.00488	0.0449	0.000395	0.000339	0.000161	0.144	0.00000205	0.000191	0.000806	0.00187	1.48E-08
2077 Jan	0.0662	0.0000116	1.76	11.9	0.0627	0.000789	8.95	0.00488	0.0449	0.000395	0.000339	0.000161	0.144	0.00000205	0.000191	0.000806	0.00187	1.48E-08
2077 Feb	0.0662	0.0000116	1.76	11.9	0.0627	0.000789	8.95	0.00488	0.0449	0.000395	0.000339	0.000161	0.144	0.00000205	0.000191	0.000806	0.00187	1.48E-08
2077 Mar	0.0662	0.0000116	1.76	11.9	0.0627	0.000789	8.96	0.00488	0.0449	0.000395	0.000339	0.000161	0.144	0.00000205	0.000191	0.000806	0.00187	1.48E-08
2077 Apr	0.0662	0.0000116	1.77	11.9	0.0628	0.000789	8.96	0.00488	0.0449	0.000395	0.000339	0.000161	0.144	0.00000205	0.000191	0.000807	0.00187	1.48E-08
2077 May	0.067	0.0000116	1.77	11.8	0.0635	0.000781	8.95	0.00484	0.0451	0.000403	0.000338	0.000161	0.145	0.00000205	0.00019	0.000814	0.00187	1.45E-08
2077 Jun	0.0689	0.0000114	1.78	11.4	0.0656	0.000751	8.82	0.0047	0.0451	0.000429	0.000332	0.00016	0.146	0.00000204	0.000184	0.000835	0.00186	0.000000013
2077 Jul	0.0691	0.0000115	1.79	11.6	0.066	0.000762	8.85	0.00477	0.0453	0.00043	0.000337	0.000161	0.147	0.00000205	0.000187	0.00084	0.00187	0.000000013
2077 Aug	0.0694	0.0000116	1.8	11.7	0.0664	0.00077	8.89	0.00482	0.0455	0.000431	0.000339	0.000163	0.148	0.00000206	0.000189	0.000844	0.00188	0.000000013
2077 Sep	0.0687	0.0000116	1.8	11.8	0.0656	0.00078	8.8	0.00485	0.0454	0.000423	0.000338	0.000163	0.148	0.00000205	0.00019	0.000834	0.00187	1.28E-08
2077 Oct	0.0684	0.0000116	1.79	11.9	0.0652	0.000786	8.77	0.00486	0.0454	0.000418	0.000337	0.000163	0.147	0.00000205	0.000191	0.000828	0.00186	1.26E-08
2077 Nov	0.0683	0.0000116	1.79	11.8	0.0651	0.000786	8.76	0.00486	0.0455	0.000417	0.000337	0.000163	0.147	0.00000205	0.000191	0.000827	0.00186	1.26E-08
2077 Dec	0.0683	0.0000116	1.79	11.8	0.0651	0.000786	8.76	0.00486	0.0455	0.000417	0.000337	0.000163	0.147	0.00000205	0.000191	0.000826	0.00186	1.26E-08
2078 Jan	0.0683	0.0000116	1.79	11.8	0.0651	0.000787	8.76	0.00486	0.0455	0.000417	0.000337	0.000163	0.147	0.00000205	0.000191	0.000826	0.00186	1.26E-08
2078 Feb	0.0683	0.0000116	1.79	11.8	0.0651	0.000786	8.76	0.00485	0.0455	0.000417	0.000337	0.000163	0.147	0.00000205	0.000191	0.000827	0.00186	1.26E-08
2078 Mar	0.0683	0.0000116	1.79	11.8	0.0651	0.000786	8.76	0.00485	0.0455	0.000417	0.000337	0.000163	0.147	0.00000205	0.000191	0.000827	0.00186	1.26E-08
2078 Apr	0.0684	0.0000116	1.79	11.9	0.0652	0.000787	8.77	0.00486	0.0455	0.000418	0.000337	0.000163	0.147	0.00000205	0.000191	0.000827	0.00186	1.26E-08
2078 May	0.0702	0.0000115	1.81	11.6	0.0669	0.000763	8.74	0.00474	0.0458	0.000439	0.000332	0.000161	0.149	0.00000205	0.000186	0.000845	0.00186	1.19E-08
2078 Jun	0.0714	0.0000113	1.82	11.3	0.0686	0.000743	8.71	0.00466	0.0455	0.000459	0.000329	0.000161	0.15	0.00000203	0.000182	0.00086	0.00184	1.08E-08
2078 Jul	0.0717	0.0000114	1.83	11.6	0.0692	0.000758	8.76	0.00475	0.0457	0.000461	0.000334	0.000163	0.151	0.00000204	0.000186	0.000867	0.00186	1.08E-08

2078 Aug	0.0719	0.0000115	1.84	11.7	0.0695	0.000767	8.77	0.00481	0.0458	0.000461	0.000337	0.000165	0.152	0.00000205	0.000188	0.000869	0.00186	1.07E-08
2078 Sep	0.0718	0.0000116	1.85	12	0.0697	0.00078	8.78	0.00488	0.0459	0.00046	0.00034	0.000167	0.153	0.00000205	0.000191	0.000871	0.00187	1.07E-08
2078 Oct	0.0716	0.0000116	1.85	12.1	0.0695	0.000789	8.75	0.00492	0.0458	0.000457	0.000341	0.000167	0.153	0.00000205	0.000192	0.000868	0.00187	1.06E-08
2078 Nov	0.0715	0.0000116	1.85	12.1	0.0694	0.00079	8.74	0.00492	0.0459	0.000455	0.000341	0.000167	0.153	0.00000205	0.000192	0.000866	0.00186	1.06E-08
2078 Dec	0.0715	0.0000116	1.85	12.1	0.0693	0.00079	8.74	0.00492	0.0459	0.000455	0.000341	0.000167	0.153	0.00000205	0.000192	0.000866	0.00186	1.06E-08
2079 Jan	0.0715	0.0000116	1.85	12.1	0.0694	0.00079	8.74	0.00492	0.0459	0.000455	0.000341	0.000167	0.153	0.00000205	0.000192	0.000866	0.00186	1.06E-08
2079 Feb	0.0715	0.0000116	1.85	12.1	0.0694	0.00079	8.74	0.00492	0.0459	0.000455	0.000341	0.000167	0.153	0.00000205	0.000192	0.000866	0.00186	1.06E-08
2079 Mar	0.0715	0.0000116	1.85	12.1	0.0694	0.00079	8.74	0.00492	0.0459	0.000455	0.000341	0.000167	0.153	0.00000205	0.000192	0.000866	0.00186	1.06E-08
2079 Apr	0.0715	0.0000116	1.85	12.1	0.0694	0.000791	8.74	0.00492	0.0459	0.000455	0.000341	0.000167	0.153	0.00000205	0.000193	0.000867	0.00187	1.06E-08
2079 May	0.0717	0.0000116	1.85	12.1	0.0696	0.000792	8.76	0.00493	0.046	0.000456	0.000341	0.000167	0.153	0.00000205	0.000193	0.000868	0.00187	1.06E-08
2079 Jun	0.0691	0.0000114	1.78	11.4	0.0657	0.000744	8.3	0.00468	0.0453	0.000431	0.000334	0.000159	0.146	0.00000204	0.000183	0.00084	0.00187	9.33E-09
2079 Jul	0.0684	0.0000114	1.77	11.4	0.065	0.000746	8.26	0.0047	0.0451	0.000424	0.000335	0.000159	0.145	0.00000204	0.000184	0.000834	0.00188	9.11E-09
2079 Aug	0.0686	0.0000115	1.78	11.5	0.0653	0.000755	8.28	0.00475	0.0453	0.000425	0.000338	0.00016	0.146	0.00000205	0.000186	0.000837	0.00189	9.11E-09
2079 Sep	0.0683	0.0000115	1.78	11.6	0.065	0.000765	8.24	0.00479	0.0453	0.00042	0.000338	0.000161	0.146	0.00000205	0.000188	0.000832	0.00188	0.000000009
2079 Oct	0.0679	0.0000115	1.78	11.7	0.0645	0.00077	8.22	0.0048	0.0452	0.000415	0.000338	0.000161	0.146	0.00000204	0.000188	0.000826	0.00187	8.89E-09
2079 Nov	0.0676	0.0000115	1.77	11.6	0.0641	0.000769	8.2	0.00478	0.0452	0.000412	0.000336	0.00016	0.145	0.00000204	0.000188	0.000822	0.00187	8.81E-09
2079 Dec	0.0675	0.0000115	1.77	11.6	0.0638	0.000768	8.19	0.00476	0.0452	0.000409	0.000334	0.000159	0.145	0.00000204	0.000187	0.000818	0.00186	8.75E-09
2080 Jan	0.0675	0.0000115	1.77	11.6	0.0638	0.000768	8.19	0.00476	0.0452	0.000409	0.000334	0.000159	0.145	0.00000204	0.000187	0.000818	0.00186	8.74E-09
2080 Feb	0.0675	0.0000115	1.77	11.6	0.0638	0.000768	8.19	0.00476	0.0452	0.000409	0.000334	0.000159	0.145	0.00000204	0.000187	0.000818	0.00186	8.74E-09
2080 Mar	0.0675	0.0000115	1.77	11.6	0.0638	0.000768	8.19	0.00476	0.0452	0.000409	0.000334	0.000159	0.145	0.00000204	0.000187	0.000818	0.00186	8.74E-09
2080 Apr	0.0676	0.0000115	1.77	11.6	0.0639	0.000768	8.19	0.00476	0.0453	0.00041	0.000334	0.000159	0.145	0.00000204	0.000187	0.000818	0.00186	8.74E-09
2080 May	0.0677	0.0000115	1.77	11.6	0.064	0.00077	8.21	0.00477	0.0453	0.00041	0.000335	0.00016	0.145	0.00000204	0.000187	0.00082	0.00187	8.76E-09
2080 Jun	0.0658	0.0000114	1.73	11.3	0.0616	0.000753	7.98	0.00468	0.0449	0.000391	0.000333	0.000156	0.141	0.00000204	0.000184	0.000801	0.00187	8.2E-09
2080 Jul	0.065	0.0000114	1.71	11.2	0.0604	0.000744	7.89	0.00464	0.0447	0.000382	0.000331	0.000154	0.139	0.00000204	0.000182	0.000791	0.00188	7.93E-09
2080 Aug	0.0651	0.0000115	1.72	11.2	0.0604	0.000748	7.89	0.00466	0.0448	0.000382	0.000333	0.000155	0.139	0.00000204	0.000183	0.000791	0.00188	7.91E-09
2080 Sep	0.0648	0.0000115	1.72	11.3	0.0601	0.000755	7.87	0.00469	0.0448	0.000378	0.000333	0.000155	0.139	0.00000204	0.000184	0.000787	0.00188	7.83E-09
2080 Oct	0.0645	0.0000115	1.72	11.3	0.0599	0.00076	7.86	0.00471	0.0447	0.000375	0.000333	0.000155	0.139	0.00000204	0.000185	0.000783	0.00187	7.75E-09
2080 Nov	0.0643	0.0000115	1.71	11.3	0.0597	0.000761	7.85	0.0047	0.0447	0.000373	0.000332	0.000155	0.139	0.00000204	0.000185	0.00078	0.00187	7.7E-09
2080 Dec	0.0643	0.0000115	1.71	11.3	0.0596	0.000761	7.85	0.0047	0.0447	0.000373	0.000332	0.000155	0.139	0.00000204	0.000185	0.00078	0.00187	7.69E-09
2081 Jan	0.0643	0.0000115	1.71	11.3	0.0596	0.000761	7.85	0.0047	0.0447	0.000373	0.000332	0.000155	0.139	0.00000204	0.000185	0.00078	0.00187	7.69E-09
2081 Feb	0.0643	0.0000115	1.71	11.3	0.0597	0.000761	7.85	0.0047	0.0447	0.000373	0.000332	0.000155	0.139	0.00000204	0.000185	0.00078	0.00187	7.68E-09
2081 Mar	0.0644	0.0000115	1.71	11.3	0.0597	0.000761	7.85	0.0047	0.0447	0.000373	0.000332	0.000155	0.139	0.00000204	0.000185	0.00078	0.00187	7.68E-09
2081 Apr	0.0644	0.0000115	1.71	11.3	0.0597	0.000761	7.86	0.0047	0.0447	0.000373	0.000332	0.000155	0.139	0.00000204	0.000185	0.000781	0.00187	7.69E-09
2081 May	0.0657	0.0000114	1.72	11.1	0.061	0.000746	7.87	0.00463	0.045	0.000388	0.000329	0.000155	0.14	0.00000204	0.000182	0.000794	0.00186	7.45E-09
2081 Jun	0.0665	0.0000113	1.73	11	0.062	0.000731	7.86	0.00456	0.0448	0.000401	0.000326	0.000154	0.14	0.00000203	0.000179	0.000803	0.00186	6.95E-09
2081 Jul	0.0668	0.0000114	1.74	11.1	0.0624	0.000739	7.91	0.00461	0.0451	0.000402	0.000329	0.000155	0.141	0.00000205	0.000181	0.000808	0.00187	6.95E-09
2081 Aug	0.0672	0.0000115	1.75	11.2	0.0628	0.000747	7.95	0.00466	0.0453	0.000404	0.000332	0.000157	0.142	0.00000206	0.000183	0.000813	0.00188	6.99E-09
2081 Sep	0.0671	0.0000115	1.76	11.3	0.0628	0.000756	7.94	0.00471	0.0454	0.000402	0.000334	0.000158	0.143	0.00000206	0.000185	0.000812	0.00188	6.95E-09
2081 Oct	0.067	0.0000116	1.76	11.4	0.0629	0.000762	7.93	0.00474	0.0454	0.000401	0.000335	0.000158	0.143	0.00000206	0.000186	0.000812	0.00188	6.93E-09
2081 Nov	0.0668	0.0000115	1.76	11.4	0.0626	0.000763	7.91	0.00473	0.0454	0.000399	0.000334	0.000158	0.143	0.00000206	0.000186	0.000809	0.00188	6.88E-09
2081 Dec	0.0668	0.0000115	1.75	11.4	0.0625	0.000763	7.9	0.00473	0.0454	0.000398	0.000334	0.000158	0.143	0.00000206	0.000186	0.000807	0.00188	6.86E-09
2082 Jan	0.0668	0.0000115	1.75	11.4	0.0625	0.000763	7.9	0.00473	0.0454	0.000398	0.000334	0.000158	0.143	0.00000206	0.000186	0.000807	0.00188	6.86E-09
2082 Feb	0.0668	0.0000115	1.75	11.4	0.0625	0.000763	7.9	0.00473	0.0454	0.000398	0.000334	0.000158	0.143	0.00000206	0.000186	0.000808	0.00188	6.86E-09
2082 Mar	0.0668	0.0000115	1.75	11.4	0.0625	0.000763	7.9	0.00473	0.0454	0.000398	0.000334	0.000158	0.143	0.00000206	0.000186	0.000808	0.00188	6.86E-09
2082 Apr	0.0669	0.0000115	1.76	11.4	0.0625	0.000763	7.9	0.00473	0.0454	0.000398	0.000334	0.000158	0.143	0.00000206	0.000186	0.000808	0.00188	6.86E-09
2082 May	0.067	0.0000116	1.76	11.4	0.0627	0.000765	7.92	0.00474	0.0455	0.000399	0.000334	0.000158	0.143	0.00000206	0.000186	0.00081	0.00188	6.87E-09
2082 Jun	0.0638	0.0000115	1.69	11	0.0586	0.000737	7.48	0.00461	0.0447	0.000367	0.000333	0.000152	0.136	0.00000204	0.000181	0.00078	0.00189	6.12E-09
2082 Jul	0.0622	0.0000114	1.66	10.8	0.0566	0.000723	7.33	0.00453	0.0442	0.000351	0.000331	0.000149	0.133	0.00000204	0.000178	0.000763	0.0019	5.73E-09
2082 Aug	0.0624	0.0000114	1.66	10.9	0.0568	0.000729	7.35	0.00457	0.0444	0.000352	0.000333	0.00015	0.133	0.00000205	0.00018	0.000766	0.00191	5.74E-09
2082 Sep	0.0624	0.0000115	1.67	10.9	0.0568	0.000733	7.35	0.00459	0.0445	0.000351	0.000334	0.000151	0.134	0.00000205	0.000181	0.000766	0.00191	5.73E-09
2082 Oct	0.0619	0.0000115	1.66	10.9	0.056	0.000736	7.28	0.00456	0.0445	0.000344	0.00033	0.000149	0.133	0.00000204	0.00018	0.000755	0.00189	5.6E-09
2082 Nov	0.0619	0.0000115	1.66	10.9	0.0558	0.000737	7.27	0.00456	0.0446	0.000342	0.000329	0.000149	0.133	0.00000204	0.00018	0.000753	0.00189	5.57E-09
2082 Dec	0.0618	0.0000115	1.66	10.9	0.0558	0.000738	7.26	0.00456	0.0446	0.000342	0.000329	0.000149	0.133	0.00000204	0.00018	0.000753	0.00189	5.57E-09
2083 Jan	0.0619	0.0000115	1.66	10.9	0.0558	0.000738	7.26	0.00456	0.0446	0.000342	0.000329	0.000149	0.133	0.00000204	0.00018	0.000753	0.00189	5.57E-09
2083 Feb	0.0619	0.0000115	1.66	10.9	0.0558	0.000738	7.27	0.00456	0.0446	0.000342	0.000329	0.000149	0.133	0.00000204	0.00018	0.000753	0.00189	5.57E-09
2083 Mar	0.0619	0.0000115	1.66	10.9	0.0558	0.000738	7.27	0.00456	0.0446	0.000342	0.000329	0.000149	0.133	0.00000204	0.00018	0.000753	0.00189	5.57E-09
2083 Apr	0.0619	0.0000115	1.66	10.9	0.0559	0.000738	7.27	0.00456	0.0446	0.000342	0.000329	0.000149	0.133	0.00000204	0.00018	0.000753	0.00189	5.57E-09
2083 May	0.0631	0.0000114	1.67	10.8	0.0571	0.000732	7.3	0.00454	0.0449	0.000355	0.000328	0.00015	0.134	0.00000205	0.000179	0.000766	0.00189	5.43E-09
2083 Jun	0.0648	0.0000113	1.69	10.7	0.0596	0.000717	7.32	0.00449	0.0447	0.000381	0.000327	0.00015	0.136	0.00000203	0.000177	0.000788	0.00188	4.83E-09
2083 Jul	0.0647	0.0000114	1.7	11	0.0598	0.000733	7.33	0.0046	0.0447	0.000379	0.000332	0.000153	0.137	0.00000204	0.000181	0.00079	0.00189	4.76E-09
2083 Aug	0.0646	0.0000115	1.7	11.1	0.0596	0.000739	7.31	0.00463	0.0448	0.000376	0.000333	0.000153	0.138	0.00000204	0.000182	0.000785	0.00189	4.7E-09
2083 Sep	0.0643	0.0000115	1.7	11.2	0.0594	0.00075	7.28	0.00467	0.0447	0.000372	0.000334	0.000154	0.138	0.00000204	0.000184	0.000782	0.00188	4.65E-09
2083 Oct	0.0636	0.0000115	1.69	11.2	0.0585	0.000755	7.25	0.00467	0.0446	0.000364	0.00033	0.000153	0.137	0.00000203	0.000184	0.00077	0.00186	4.52E-09
2083 Nov	0.0633	0.0000114	1.69	11.2	0.0582	0.000755	7.25	0.00466	0.0445	0.000361	0.000329	0.000153	0.136	0.00000203	0.000184	0.000766	0.00186	4.48E-09
2083 Dec	0.0633	0.0000114	1.69	11.2	0.0581	0.000756	7.25	0.00466	0.0445	0.000361	0.000329	0.000153	0.136	0.00000203	0.000184	0.000765	0.00186	4.48E-09
2084 Jan	0.0633	0.0000114	1.69	11.2	0.0581	0.000756	7.25	0.00466	0.0445	0.000361	0.000329	0.000153	0.136	0.00000203	0.000184	0.000765	0.00186	4.48E-09
2084 Feb	0.0634	0.0000114	1.69	11.2	0.0582	0.000756	7.25	0.00466	0.0445	0.000361	0.000329	0.000153	0.137	0.00000203	0.000184	0.000766	0.00186	4.48E-09
2084 Mar	0.0634	0.0000114	1.69	11.2	0.0582	0.000756	7.25	0.00466	0.0446	0.000361	0.000329	0.000153	0.137	0.00000203	0.000184	0.000766	0.00186	4.48E-09
2084 Apr	0.0634	0.0000114	1.69	11.2	0.0582	0.000756	7.25	0.00466	0.0446	0.000361	0.000329	0.000153	0.137	0.00000203	0.000184	0.000766	0.00186	4.48E-09
2084 May	0.0648	0.0000114	1.7	11	0.0597	0.000743	7.29	0.0046	0.0449	0.000377	0.000327	0.000153	0.138	0.00000203	0.000181	0.000781	0.00186	4.34E-09
2084 Jun	0.0665	0.0000112	1.72	10.8	0.0618	0.000721	7.34	0.0045	0.0448	0.000402	0.000323	0.000152	0.14	0.00000202	0.000177	0.0008	0.00184	3.92E-09
2084 Jul	0.0666	0.0000113	1.73	11	0.0622	0.000732	7.37	0.00457	0.0449	0.000402	0.000327	0.000154	0.141	0.00000203	0.00018	0.000804	0.00185	3.9E-09

2084 Aug	0.0668	0.0000114	1.74	11.1	0.0624	0.00074	7.39	0.00462	0.045	0.000403	0.000329	0.000155	0.141	0.00000204	0.000182	0.000807	0.00186	3.91E-09
2084 Sep	0.0667	0.0000114	1.74	11.2	0.0625	0.00075	7.38	0.00467	0.045	0.000401	0.000331	0.000157	0.142	0.00000204	0.000184	0.000806	0.00186	3.88E-09
2084 Oct	0.0663	0.0000114	1.74	11.3	0.0621	0.000757	7.34	0.0047	0.045	0.000396	0.000331	0.000157	0.142	0.00000203	0.000185	0.000801	0.00186	3.84E-09
2084 Nov	0.0662	0.0000114	1.74	11.3	0.0618	0.000757	7.32	0.00468	0.045	0.000394	0.00033	0.000156	0.141	0.00000203	0.000184	0.000798	0.00185	3.81E-09
2084 Dec	0.0662	0.0000114	1.74	11.3	0.0618	0.000757	7.32	0.00468	0.045	0.000394	0.00033	0.000156	0.141	0.00000203	0.000184	0.000798	0.00185	3.81E-09
2085 Jan	0.0662	0.0000114	1.74	11.3	0.0618	0.000758	7.32	0.00469	0.045	0.000394	0.00033	0.000156	0.141	0.00000203	0.000184	0.000798	0.00185	3.81E-09
2085 Feb	0.0662	0.0000114	1.74	11.3	0.0618	0.000758	7.32	0.00469	0.045	0.000394	0.00033	0.000156	0.141	0.00000203	0.000184	0.000798	0.00185	3.81E-09
2085 Mar	0.0662	0.0000114	1.74	11.3	0.0618	0.000758	7.32	0.00469	0.045	0.000394	0.00033	0.000156	0.141	0.00000203	0.000184	0.000798	0.00185	3.81E-09
2085 Apr	0.0662	0.0000114	1.74	11.3	0.0619	0.000758	7.33	0.00469	0.045	0.000394	0.00033	0.000156	0.142	0.00000203	0.000185	0.000798	0.00185	3.81E-09
2085 May	0.067	0.0000114	1.74	11.2	0.0627	0.000751	7.35	0.00465	0.0452	0.000403	0.000329	0.000156	0.142	0.00000203	0.000183	0.000807	0.00185	3.73E-09
2085 Jun	0.068	0.0000114	1.76	11.3	0.0641	0.000749	7.39	0.00467	0.0452	0.000416	0.00033	0.000158	0.144	0.00000203	0.000183	0.00082	0.00185	3.54E-09
2085 Jul	0.0683	0.0000115	1.77	11.4	0.0646	0.00076	7.42	0.00474	0.0454	0.000418	0.000334	0.000159	0.145	0.00000204	0.000186	0.000825	0.00186	3.54E-09
2085 Aug	0.0682	0.0000116	1.78	11.6	0.0647	0.000772	7.42	0.00481	0.0454	0.000417	0.000337	0.000161	0.146	0.00000204	0.000188	0.000826	0.00187	3.53E-09
2085 Sep	0.0677	0.0000116	1.78	11.9	0.0644	0.000789	7.38	0.00488	0.0453	0.00041	0.000339	0.000162	0.146	0.00000204	0.000192	0.00082	0.00186	3.46E-09
2085 Oct	0.0671	0.0000116	1.78	11.9	0.0638	0.000795	7.37	0.0049	0.0451	0.000404	0.000338	0.000162	0.146	0.00000203	0.000192	0.000813	0.00185	3.4E-09
2085 Nov	0.0668	0.0000116	1.77	11.8	0.0633	0.000794	7.35	0.00488	0.0451	0.0004	0.000336	0.000162	0.145	0.00000203	0.000192	0.000806	0.00185	3.36E-09
2085 Dec	0.0668	0.0000116	1.77	11.8	0.0633	0.000794	7.35	0.00488	0.0451	0.0004	0.000335	0.000161	0.145	0.00000203	0.000192	0.000806	0.00184	3.36E-09
2086 Jan	0.0668	0.0000116	1.77	11.8	0.0633	0.000794	7.35	0.00488	0.0451	0.000399	0.000335	0.000161	0.145	0.00000203	0.000192	0.000806	0.00184	3.36E-09
2086 Feb	0.0668	0.0000116	1.77	11.8	0.0633	0.000794	7.35	0.00488	0.0451	0.0004	0.000335	0.000161	0.145	0.00000203	0.000192	0.000806	0.00184	3.36E-09
2086 Mar	0.0668	0.0000116	1.77	11.8	0.0633	0.000794	7.35	0.00488	0.0451	0.0004	0.000335	0.000161	0.145	0.00000203	0.000192	0.000806	0.00184	3.36E-09
2086 Apr	0.0668	0.0000116	1.77	11.8	0.0633	0.000795	7.36	0.00488	0.0451	0.0004	0.000336	0.000162	0.145	0.00000203	0.000192	0.000807	0.00185	3.36E-09
2086 May	0.0672	0.0000116	1.78	11.8	0.0637	0.000794	7.37	0.00488	0.0452	0.000403	0.000336	0.000162	0.146	0.00000204	0.000192	0.000811	0.00185	3.34E-09
2086 Jun	0.0673	0.0000114	1.75	11.3	0.0635	0.000754	7.24	0.00469	0.045	0.000409	0.00033	0.000157	0.143	0.00000202	0.000184	0.000813	0.00185	2.94E-09
2086 Jul	0.0669	0.0000114	1.75	11.4	0.0631	0.00076	7.23	0.00473	0.0449	0.000404	0.000333	0.000158	0.143	0.00000203	0.000186	0.000811	0.00186	2.88E-09
2086 Aug	0.0669	0.0000115	1.76	11.6	0.0631	0.00077	7.23	0.00479	0.045	0.000402	0.000335	0.000159	0.144	0.00000204	0.000188	0.00081	0.00186	2.86E-09
2086 Sep	0.0664	0.0000116	1.76	11.7	0.0628	0.000783	7.18	0.00484	0.0449	0.000397	0.000336	0.00016	0.144	0.00000203	0.00019	0.000804	0.00186	2.82E-09
2086 Oct	0.0663	0.0000116	1.76	11.8	0.0628	0.000791	7.17	0.00489	0.0449	0.000395	0.000338	0.000161	0.144	0.00000203	0.000192	0.000803	0.00186	2.81E-09
2086 Nov	0.0663	0.0000116	1.76	11.8	0.0628	0.000792	7.17	0.00489	0.045	0.000395	0.000338	0.000161	0.144	0.00000204	0.000192	0.000803	0.00186	2.8E-09
2086 Dec	0.0663	0.0000116	1.76	11.8	0.0628	0.000792	7.17	0.00489	0.045	0.000395	0.000338	0.000161	0.144	0.00000204	0.000192	0.000803	0.00186	2.8E-09
2087 Jan	0.0663	0.0000116	1.76	11.8	0.0628	0.000792	7.17	0.00489	0.045	0.000395	0.000338	0.000161	0.144	0.00000204	0.000192	0.000803	0.00186	2.8E-09
2087 Feb	0.0663	0.0000116	1.76	11.8	0.0628	0.000792	7.17	0.00489	0.045	0.000395	0.000338	0.000161	0.144	0.00000204	0.000192	0.000803	0.00186	2.8E-09
2087 Mar	0.0663	0.0000116	1.76	11.9	0.0628	0.000792	7.17	0.00489	0.045	0.000395	0.000338	0.000161	0.144	0.00000204	0.000192	0.000804	0.00186	2.8E-09
2087 Apr	0.0664	0.0000116	1.76	11.9	0.0629	0.000792	7.17	0.00489	0.045	0.000395	0.000338	0.000162	0.144	0.00000204	0.000192	0.000804	0.00186	2.8E-09
2087 May	0.0672	0.0000116	1.77	11.7	0.0637	0.000782	7.2	0.00484	0.0452	0.000405	0.000336	0.000161	0.145	0.00000204	0.00019	0.000812	0.00186	2.75E-09
2087 Jun	0.0696	0.0000114	1.79	11.3	0.0663	0.00075	7.25	0.00469	0.0454	0.000435	0.00033	0.00016	0.147	0.00000203	0.000184	0.000838	0.00185	2.5E-09
2087 Jul	0.0698	0.0000115	1.8	11.5	0.0666	0.00076	7.27	0.00475	0.0456	0.000436	0.000334	0.000161	0.148	0.00000203	0.000186	0.000841	0.00186	2.5E-09
2087 Aug	0.0701	0.0000116	1.81	11.6	0.067	0.000768	7.3	0.00479	0.0458	0.000438	0.000336	0.000162	0.149	0.00000204	0.000188	0.000845	0.00187	2.5E-09
2087 Sep	0.0701	0.0000116	1.81	11.8	0.0672	0.000778	7.31	0.00486	0.0458	0.000438	0.000339	0.000164	0.15	0.00000205	0.00019	0.000848	0.00187	2.5E-09
2087 Oct	0.07	0.0000117	1.82	11.9	0.0672	0.000785	7.3	0.0049	0.0458	0.000436	0.000341	0.000165	0.15	0.00000205	0.000192	0.000847	0.00187	2.49E-09
2087 Nov	0.0699	0.0000117	1.82	11.9	0.0671	0.000786	7.29	0.00489	0.0458	0.000435	0.00034	0.000165	0.15	0.00000205	0.000192	0.000846	0.00187	2.48E-09
2087 Dec	0.0699	0.0000117	1.82	11.9	0.0671	0.000786	7.29	0.0049	0.0458	0.000435	0.00034	0.000165	0.15	0.00000205	0.000192	0.000845	0.00187	2.48E-09
2088 Jan	0.0699	0.0000117	1.82	11.9	0.0671	0.000787	7.29	0.0049	0.0458	0.000435	0.00034	0.000165	0.15	0.00000205	0.000192	0.000845	0.00187	2.48E-09
2088 Feb	0.0699	0.0000117	1.82	11.9	0.0671	0.000787	7.29	0.0049	0.0458	0.000435	0.00034	0.000165	0.15	0.00000205	0.000192	0.000846	0.00187	2.48E-09
2088 Mar	0.07	0.0000117	1.82	11.9	0.0671	0.000787	7.29	0.0049	0.0458	0.000435	0.00034	0.000165	0.15	0.00000205	0.000192	0.000846	0.00187	2.48E-09
2088 Apr	0.07	0.0000117	1.82	11.9	0.0672	0.000787	7.3	0.0049	0.0459	0.000435	0.000341	0.000165	0.15	0.00000205	0.000192	0.000847	0.00187	2.49E-09
2088 May	0.0702	0.0000117	1.82	12	0.0673	0.000789	7.31	0.00491	0.046	0.000436	0.000342	0.000165	0.15	0.00000205	0.000192	0.000849	0.00188	2.49E-09
2088 Jun	0.0682	0.0000116	1.77	11.6	0.0646	0.000768	7.05	0.0048	0.0456	0.000415	0.00034	0.000161	0.146	0.00000205	0.000188	0.000829	0.00189	2.33E-09
2088 Jul	0.068	0.0000117	1.77	11.6	0.0642	0.000767	7.03	0.0048	0.0458	0.000412	0.000341	0.000161	0.145	0.00000205	0.000188	0.000828	0.0019	2.3E-09
2088 Aug	0.0684	0.0000118	1.79	11.8	0.0647	0.000775	7.08	0.00486	0.0461	0.000414	0.000345	0.000162	0.146	0.00000207	0.00019	0.000834	0.00192	2.31E-09
2088 Sep	0.0685	0.0000118	1.79	11.9	0.0649	0.000784	7.08	0.00491	0.0461	0.000414	0.000347	0.000163	0.147	0.00000207	0.000192	0.000836	0.00192	2.31E-09
2088 Oct	0.0679	0.0000118	1.78	11.9	0.0641	0.000788	7.02	0.0049	0.0461	0.000407	0.000345	0.000163	0.146	0.00000206	0.000192	0.000826	0.00191	2.27E-09
2088 Nov	0.0678	0.0000118	1.78	11.8	0.0637	0.000787	7	0.00488	0.0461	0.000404	0.000343	0.000162	0.146	0.00000206	0.000192	0.000822	0.0019	2.25E-09
2088 Dec	0.0677	0.0000118	1.78	11.8	0.0637	0.000788	7	0.00488	0.0461	0.000404	0.000343	0.000162	0.146	0.00000206	0.000192	0.000822	0.0019	2.25E-09
2089 Jan	0.0678	0.0000118	1.78	11.8	0.0637	0.000788	7	0.00488	0.0461	0.000404	0.000342	0.000162	0.146	0.00000206	0.000192	0.000822	0.0019	2.25E-09
2089 Feb	0.0678	0.0000118	1.78	11.8	0.0637	0.000788	7	0.00488	0.0461	0.000404	0.000342	0.000162	0.146	0.00000206	0.000192	0.000822	0.0019	2.25E-09
2089 Mar	0.0678	0.0000118	1.78	11.8	0.0638	0.000788	7	0.00488	0.0461	0.000404	0.000343	0.000162	0.146	0.00000206	0.000192	0.000822	0.0019	2.25E-09
2089 Apr	0.0678	0.0000118	1.78	11.8	0.0638	0.000788	7.01	0.00488	0.0462	0.000404	0.000343	0.000162	0.146	0.00000206	0.000192	0.000822	0.0019	2.25E-09
2089 May	0.0689	0.0000118	1.79	11.7	0.0649	0.000776	7.04	0.00482	0.0464	0.000416	0.00034	0.000161	0.147	0.00000206	0.00019	0.000833	0.0019	2.2E-09
2089 Jun	0.071	0.0000117	1.81	11.4	0.0672	0.000754	7.09	0.00472	0.0467	0.000442	0.000337	0.000161	0.149	0.00000206	0.000185	0.000856	0.0019	2.04E-09
2089 Jul	0.0711	0.0000118	1.82	11.6	0.0674	0.000766	7.1	0.00479	0.0468	0.000442	0.00034	0.000163	0.15	0.00000207	0.000188	0.000858	0.0019	2.03E-09
2089 Aug	0.0712	0.0000119	1.82	11.8	0.0675	0.000774	7.09	0.00484	0.047	0.000441	0.000342	0.000164	0.15	0.00000207	0.00019	0.000857	0.00191	2.02E-09
2089 Sep	0.071	0.0000119	1.83	12	0.0676	0.000789	7.08	0.00492	0.047	0.000439	0.000346	0.000166	0.151	0.00000208	0.000193	0.000857	0.00191	2.01E-09
2089 Oct	0.0701	0.0000119	1.82	12	0.0664	0.000798	7.01	0.00492	0.0469	0.000427	0.000343	0.000165	0.15	0.00000207	0.000194	0.000843	0.00189	1.95E-09
2089 Nov	0.07	0.0000119	1.81	12	0.0661	0.000797	7	0.00491	0.0469	0.000425	0.000341	0.000164	0.15	0.00000207	0.000193	0.00084	0.00189	1.94E-09
2089 Dec	0.07	0.0000119	1.81	12	0.0661	0.000798	7	0.00491	0.0469	0.000425	0.000341	0.000164	0.15	0.00000207	0.000194	0.000839	0.00189	1.94E-09
2090 Jan	0.07	0.0000119	1.81	12	0.0661	0.000798	7	0.00491	0.0469	0.000425	0.000341	0.000164	0.15	0.00000207	0.000194	0.000839	0.00189	1.94E-09
2090 Feb	0.07	0.0000119	1.81	12	0.0662	0.000798	7	0.00491	0.0469	0.000425	0.000341	0.000164	0.15	0.00000207	0.000194	0.00084	0.00189	1.94E-09
2090 Mar	0.07	0.0000119	1.82	12	0.0662	0.000798	7.01	0.00491	0.0469	0.000425	0.000341	0.000164	0.15	0.00000207	0.000194	0.00084	0.00189	1.94E-09
2090 Apr	0.07	0.0000119	1.82	12	0.0662	0.000798	7.01	0.00491	0.047	0.000425	0.000342	0.000164	0.15	0.00000207	0.000194	0.00084	0.00189	1.94E-09
2090 May	0.0702	0.0000119	1.82	12	0.0664	0.000799	7.02	0.00492	0.047	0.000427	0.000342	0.000165	0.15	0.00000207	0.000194	0.000842	0.00189	1.94E-09
2090 Jun	0.0709	0.0000117	1.81	11.7	0.0673	0.000768	6.97	0.00479	0.0466	0.000441	0.000339	0.000163	0.149	0.00000205	0.000188	0.000854	0.00189	1.67E-09
2090 Jul	0.0708	0.0000118	1.83	12.1	0.0677	0.00079	6.98	0.00494	0.0466	0.00044	0.000346	0.000166	0.151	0.00000206	0.000193	0.000859	0.0019	1.66E-09

2090 Aug	0.0696	0.0000119	1.81	12	0.0663	0.000797	6.9	0.00493	0.0463	0.000426	0.000342	0.000165	0.15	0.00000206	0.000193	0.000837	0.00188	1.6E-09
2090 Sep	0.0687	0.0000119	1.8	12.1	0.0653	0.000808	6.86	0.00496	0.0462	0.000415	0.00034	0.000165	0.149	0.00000205	0.000195	0.000824	0.00187	1.55E-09
2090 Oct	0.0676	0.0000118	1.79	12	0.0637	0.000811	6.83	0.00492	0.046	0.000401	0.000334	0.000163	0.147	0.00000204	0.000194	0.000805	0.00184	1.49E-09
2090 Nov	0.0672	0.0000117	1.78	11.9	0.0632	0.000809	6.82	0.00489	0.0459	0.000397	0.000332	0.000162	0.146	0.00000204	0.000193	0.000798	0.00184	1.47E-09
2090 Dec	0.0672	0.0000117	1.78	11.9	0.0631	0.000809	6.82	0.00489	0.0459	0.000397	0.000332	0.000162	0.146	0.00000204	0.000193	0.000798	0.00184	1.47E-09
2091 Jan	0.0672	0.0000117	1.78	11.9	0.0631	0.000809	6.82	0.00489	0.0459	0.000397	0.000332	0.000162	0.146	0.00000204	0.000193	0.000798	0.00184	1.47E-09
2091 Feb	0.0672	0.0000117	1.78	11.9	0.0632	0.000809	6.82	0.00489	0.0459	0.000397	0.000332	0.000162	0.146	0.00000204	0.000193	0.000798	0.00184	1.47E-09
2091 Mar	0.0672	0.0000117	1.78	11.9	0.0632	0.000809	6.83	0.00489	0.0459	0.000397	0.000332	0.000162	0.146	0.00000204	0.000193	0.000798	0.00184	1.47E-09
2091 Apr	0.0673	0.0000117	1.78	11.9	0.0632	0.00081	6.83	0.00489	0.046	0.000397	0.000332	0.000162	0.146	0.00000204	0.000193	0.000799	0.00184	1.47E-09
2091 May	0.0678	0.0000117	1.79	11.9	0.0638	0.000805	6.86	0.00487	0.0461	0.000403	0.000332	0.000162	0.147	0.00000205	0.000193	0.000805	0.00184	1.45E-09
2091 Jun	0.0697	0.0000116	1.79	11.4	0.0656	0.000767	6.89	0.00469	0.0462	0.000428	0.000325	0.000159	0.147	0.00000203	0.000185	0.000825	0.00183	1.31E-09
2091 Jul	0.07	0.0000117	1.8	11.6	0.0661	0.000777	6.92	0.00475	0.0465	0.00043	0.000329	0.000161	0.148	0.00000205	0.000188	0.000831	0.00185	1.31E-09
2091 Aug	0.0696	0.0000117	1.8	11.7	0.0657	0.000787	6.89	0.0048	0.0464	0.000425	0.00033	0.000162	0.149	0.00000205	0.000189	0.000825	0.00185	1.29E-09
2091 Sep	0.0691	0.0000118	1.8	11.8	0.0653	0.0008	6.85	0.00485	0.0463	0.000418	0.000331	0.000163	0.149	0.00000205	0.000192	0.000818	0.00184	1.27E-09
2091 Oct	0.0685	0.0000117	1.8	11.9	0.0647	0.000804	6.83	0.00486	0.0461	0.000412	0.00033	0.000163	0.148	0.00000204	0.000192	0.00081	0.00183	1.24E-09
2091 Nov	0.0678	0.0000117	1.78	11.7	0.0637	0.000801	6.81	0.00481	0.0461	0.000404	0.000325	0.000161	0.147	0.00000204	0.000191	0.000798	0.00182	1.22E-09
2091 Dec	0.0678	0.0000117	1.78	11.7	0.0636	0.000801	6.81	0.00481	0.0461	0.000404	0.000325	0.000161	0.147	0.00000204	0.000191	0.000798	0.00182	1.21E-09
2092 Jan	0.0678	0.0000117	1.78	11.7	0.0637	0.000801	6.81	0.00481	0.0461	0.000404	0.000325	0.000161	0.147	0.00000204	0.000191	0.000798	0.00182	1.21E-09
2092 Feb	0.0678	0.0000117	1.78	11.7	0.0637	0.000801	6.81	0.00481	0.0461	0.000404	0.000325	0.000161	0.147	0.00000204	0.000191	0.000798	0.00182	1.21E-09
2092 Mar	0.0679	0.0000117	1.78	11.7	0.0637	0.000802	6.82	0.00481	0.0461	0.000404	0.000325	0.000161	0.147	0.00000204	0.000191	0.000798	0.00182	1.21E-09
2092 Apr	0.0679	0.0000117	1.79	11.7	0.0638	0.000802	6.82	0.00482	0.0461	0.000404	0.000325	0.000161	0.147	0.00000204	0.000191	0.000799	0.00182	1.22E-09
2092 May	0.0686	0.0000117	1.79	11.7	0.0645	0.000797	6.85	0.00479	0.0463	0.000412	0.000325	0.000161	0.147	0.00000204	0.00019	0.000807	0.00182	1.2E-09
2092 Jun	0.0696	0.0000114	1.78	11.2	0.0657	0.000754	6.85	0.00461	0.0459	0.000432	0.00032	0.000158	0.147	0.00000202	0.000182	0.000822	0.00181	1.02E-09
2092 Jul	0.0691	0.0000115	1.79	11.5	0.0656	0.000773	6.83	0.00474	0.0457	0.000427	0.000326	0.00016	0.147	0.00000202	0.000186	0.000822	0.00182	9.94E-10
2092 Aug	0.0694	0.0000116	1.8	11.7	0.066	0.000785	6.86	0.00481	0.0458	0.000427	0.00033	0.000162	0.149	0.00000203	0.000189	0.000826	0.00183	9.95E-10
2092 Sep	0.0692	0.0000117	1.81	12.1	0.0664	0.000806	6.84	0.00494	0.0458	0.000425	0.000336	0.000165	0.15	0.00000203	0.000194	0.000828	0.00184	9.9E-10
2092 Oct	0.069	0.0000118	1.82	12.3	0.0664	0.000819	6.82	0.00501	0.0457	0.000423	0.000339	0.000167	0.151	0.00000203	0.000197	0.000828	0.00184	9.84E-10
2092 Nov	0.069	0.0000118	1.82	12.3	0.0664	0.00082	6.82	0.00501	0.0457	0.000422	0.000339	0.000167	0.151	0.00000203	0.000197	0.000827	0.00184	9.82E-10
2092 Dec	0.069	0.0000118	1.82	12.3	0.0663	0.00082	6.82	0.00501	0.0457	0.000422	0.000339	0.000167	0.151	0.00000203	0.000197	0.000827	0.00184	9.82E-10
2093 Jan	0.069	0.0000118	1.82	12.3	0.0663	0.000821	6.82	0.00501	0.0458	0.000422	0.000339	0.000167	0.151	0.00000203	0.000197	0.000827	0.00184	9.81E-10
2093 Feb	0.069	0.0000118	1.82	12.3	0.0664	0.000821	6.82	0.00501	0.0458	0.000422	0.000339	0.000167	0.151	0.00000203	0.000197	0.000827	0.00184	9.81E-10
2093 Mar	0.069	0.0000118	1.82	12.3	0.0664	0.000821	6.82	0.00502	0.0458	0.000422	0.000339	0.000167	0.151	0.00000203	0.000197	0.000828	0.00184	9.82E-10
2093 Apr	0.069	0.0000118	1.82	12.3	0.0664	0.000821	6.83	0.00502	0.0458	0.000423	0.000339	0.000167	0.151	0.00000203	0.000197	0.000828	0.00184	9.82E-10
2093 May	0.0696	0.0000118	1.83	12.3	0.067	0.000818	6.85	0.005	0.046	0.000428	0.000339	0.000167	0.151	0.00000204	0.000196	0.000834	0.00184	9.72E-10
2093 Jun	0.071	0.0000116	1.83	12	0.0686	0.000791	6.88	0.00489	0.0459	0.000448	0.000336	0.000166	0.152	0.00000203	0.000192	0.000851	0.00184	8.78E-10
2093 Jul	0.0711	0.0000117	1.84	12.2	0.0689	0.000803	6.9	0.00497	0.0461	0.000449	0.00034	0.000168	0.153	0.00000203	0.000194	0.000856	0.00185	8.75E-10
2093 Aug	0.0713	0.0000118	1.85	12.3	0.0693	0.000814	6.92	0.00503	0.0462	0.000449	0.000343	0.000169	0.154	0.00000204	0.000197	0.000859	0.00186	8.76E-10
2093 Sep	0.0712	0.0000119	1.86	12.5	0.0694	0.000827	6.91	0.00511	0.0462	0.000447	0.000347	0.000171	0.155	0.00000204	0.0002	0.00086	0.00186	8.72E-10
2093 Oct	0.0702	0.0000118	1.84	12.5	0.068	0.000832	6.84	0.00508	0.0461	0.000435	0.000342	0.000169	0.153	0.00000203	0.000199	0.000843	0.00184	8.44E-10
2093 Nov	0.0697	0.0000118	1.83	12.4	0.0671	0.00083	6.82	0.00504	0.0461	0.000428	0.000338	0.000168	0.152	0.00000203	0.000198	0.000833	0.00183	8.29E-10
2093 Dec	0.0697	0.0000118	1.83	12.4	0.0671	0.00083	6.82	0.00504	0.0461	0.000428	0.000338	0.000168	0.152	0.00000203	0.000198	0.000832	0.00183	8.28E-10
2094 Jan	0.0697	0.0000118	1.83	12.4	0.0671	0.00083	6.82	0.00504	0.0461	0.000428	0.000338	0.000168	0.152	0.00000203	0.000198	0.000832	0.00183	8.28E-10
2094 Feb	0.0697	0.0000118	1.83	12.4	0.0671	0.00083	6.82	0.00504	0.0461	0.000428	0.000338	0.000168	0.152	0.00000203	0.000198	0.000833	0.00183	8.28E-10
2094 Mar	0.0697	0.0000118	1.83	12.4	0.0671	0.00083	6.82	0.00504	0.0462	0.000428	0.000338	0.000168	0.152	0.00000203	0.000198	0.000833	0.00183	8.28E-10
2094 Apr	0.0698	0.0000118	1.83	12.4	0.0672	0.00083	6.82	0.00504	0.0462	0.000428	0.000338	0.000168	0.152	0.00000203	0.000198	0.000833	0.00183	8.29E-10
2094 May	0.0705	0.0000117	1.84	12.2	0.068	0.000819	6.86	0.00499	0.0463	0.000438	0.000336	0.000167	0.153	0.00000203	0.000196	0.000842	0.00183	8.07E-10
2094 Jun	0.0721	0.0000117	1.86	12.3	0.0701	0.000815	6.93	0.005	0.0464	0.000458	0.000339	0.000169	0.155	0.00000203	0.000196	0.000864	0.00184	7.5E-10
2094 Jul	0.0726	0.0000119	1.88	12.6	0.0709	0.000835	6.97	0.00513	0.0467	0.00046	0.000346	0.000172	0.157	0.00000205	0.000201	0.000872	0.00185	7.52E-10
2094 Aug	0.073	0.000012	1.9	12.9	0.0716	0.000851	7.01	0.00522	0.047	0.000463	0.000351	0.000175	0.159	0.00000206	0.000205	0.00088	0.00187	7.56E-10
2094 Sep	0.0729	0.0000121	1.91	13.2	0.0717	0.000867	6.99	0.00531	0.047	0.000461	0.000355	0.000177	0.16	0.00000206	0.000208	0.00088	0.00187	7.51E-10
2094 Oct	0.0722	0.0000121	1.9	13.2	0.0709	0.000873	6.93	0.00532	0.0469	0.000453	0.000353	0.000176	0.159	0.00000205	0.000209	0.000871	0.00186	7.37E-10
2094 Nov	0.0716	0.000012	1.89	13.1	0.0699	0.000872	6.87	0.00528	0.0469	0.000444	0.000349	0.000175	0.158	0.00000205	0.000207	0.000858	0.00185	7.23E-10
2094 Dec	0.0715	0.000012	1.88	13	0.0697	0.000872	6.86	0.00527	0.0469	0.000443	0.000348	0.000174	0.158	0.00000205	0.000207	0.000856	0.00185	7.2E-10
2095 Jan	0.0715	0.000012	1.88	13	0.0697	0.000872	6.86	0.00527	0.0469	0.000443	0.000348	0.000174	0.158	0.00000205	0.000207	0.000856	0.00185	7.2E-10
2095 Feb	0.0715	0.000012	1.88	13	0.0698	0.000872	6.87	0.00527	0.047	0.000443	0.000348	0.000174	0.158	0.00000205	0.000207	0.000857	0.00185	7.2E-10
2095 Mar	0.0715	0.000012	1.88	13	0.0698	0.000872	6.87	0.00527	0.047	0.000443	0.000348	0.000174	0.158	0.00000205	0.000207	0.000857	0.00185	7.2E-10
2095 Apr	0.0716	0.000012	1.89	13	0.0698	0.000872	6.87	0.00527	0.047	0.000443	0.000348	0.000174	0.158	0.00000205	0.000207	0.000857	0.00185	7.2E-10
2095 May	0.0721	0.000012	1.89	12.9	0.0703	0.000863	6.9	0.00522	0.0471	0.000449	0.000346	0.000174	0.158	0.00000205	0.000205	0.000862	0.00185	7.08E-10
2095 Jun	0.0729	0.000012	1.91	13.1	0.0716	0.000868	6.94	0.00527	0.0471	0.00046	0.00035	0.000176	0.16	0.00000205	0.000207	0.000876	0.00185	6.8E-10
2095 Jul	0.0733	0.0000122	1.92	13.3	0.0722	0.000883	6.98	0.00537	0.0474	0.000462	0.000355	0.000178	0.162	0.00000206	0.000211	0.000883	0.00187	6.82E-10
2095 Aug	0.0732	0.0000122	1.93	13.5	0.0722	0.000892	6.97	0.00542	0.0474	0.00046	0.000357	0.000179	0.162	0.00000206	0.000213	0.000882	0.00187	6.79E-10
2095 Sep	0.073	0.0000123	1.93	13.7	0.0723	0.000904	6.96	0.00549	0.0473	0.000457	0.00036	0.000181	0.163	0.00000206	0.000215	0.000881	0.00187	6.75E-10
2095 Oct	0.0729	0.0000123	1.94	13.8	0.0724	0.000912	6.95	0.00554	0.0473	0.000457	0.000362	0.000182	0.163	0.00000206	0.000217	0.000882	0.00188	6.73E-10
2095 Nov	0.0727	0.0000123	1.93	13.8	0.0721	0.000913	6.93	0.00553	0.0473	0.000454	0.000361	0.000182	0.163	0.00000206	0.000217	0.000878	0.00187	6.69E-10
2095 Dec	0.0726	0.0000123	1.93	13.7	0.0719	0.000913	6.92	0.00552	0.0473	0.000453	0.00036	0.000181	0.162	0.00000206	0.000217	0.000876	0.00187	6.67E-10
2096 Jan	0.0726	0.0000123	1.93	13.7	0.0719	0.000913	6.92	0.00552	0.0473	0.000452	0.00036	0.000181	0.163	0.00000206	0.000217	0.000876	0.00187	6.67E-10
2096 Feb	0.0726	0.0000123	1.93	13.7	0.0719	0.000913	6.92	0.00552	0.0473	0.000453	0.00036	0.000181	0.163	0.00000206	0.000217	0.000877	0.00187	6.67E-10
2096 Mar	0.0727	0.0000123	1.93	13.7	0.0719	0.000913	6.92	0.00552	0.0473	0.000453	0.00036	0.000181	0.163	0.00000206	0.000217	0.000877	0.00187	6.67E-10
2096 Apr	0.0727	0.0000123	1.93	13.8	0.072	0.000913	6.93	0.00552	0.0474	0.000453	0.00036	0.000181	0.163	0.00000206	0.000217	0.000877	0.00187	6.67E-10
2096 May	0.0731	0.0000123	1.94	13.8	0.0724	0.000912	6.95	0.00552	0.0474	0.000457	0.000361	0.000182	0.163	0.00000206	0.000217	0.000882	0.00187	6.61E-10
2096 Jun	0.0707	0.0000121	1.87	13.1	0.0693	0.000866	6.73	0.00531	0.0465	0.000437	0.000355	0.000175	0.156	0.00000204	0.000208	0.00086	0.00187	5.71E-10
2096 Jul	0.0703	0.0000122	1.88	13.4	0.0692	0.000884	6.73	0.00543	0.0464	0.000432	0.000362	0.000177	0.157	0.00000205	0.000212	0.000861	0.00189	5.6E-10

2096 Aug	0.0706	0.0000123	1.89	13.6	0.0697	0.000895	6.76	0.00549	0.0466	0.000434	0.000366	0.000179	0.158	0.00000206	0.000215	0.000866	0.0019	5.62E-10
2096 Sep	0.0703	0.0000123	1.89	13.7	0.0694	0.000906	6.73	0.00554	0.0466	0.000429	0.000367	0.00018	0.159	0.00000206	0.000217	0.000862	0.0019	5.55E-10
2096 Oct	0.0694	0.0000123	1.88	13.7	0.0682	0.000913	6.65	0.00553	0.0465	0.000418	0.000363	0.000179	0.157	0.00000205	0.000217	0.000847	0.00188	5.39E-10
2096 Nov	0.0692	0.0000123	1.88	13.7	0.068	0.000913	6.65	0.00552	0.0465	0.000416	0.000363	0.000178	0.157	0.00000205	0.000217	0.000844	0.00188	5.37E-10
2096 Dec	0.0692	0.0000123	1.88	13.7	0.068	0.000913	6.65	0.00552	0.0465	0.000416	0.000363	0.000178	0.157	0.00000205	0.000217	0.000844	0.00188	5.37E-10
2097 Jan	0.0692	0.0000123	1.88	13.7	0.068	0.000913	6.65	0.00552	0.0465	0.000416	0.000362	0.000178	0.157	0.00000205	0.000217	0.000844	0.00188	5.36E-10
2097 Feb	0.0693	0.0000123	1.88	13.7	0.068	0.000913	6.65	0.00552	0.0465	0.000416	0.000362	0.000178	0.157	0.00000205	0.000217	0.000844	0.00188	5.36E-10
2097 Mar	0.0693	0.0000123	1.88	13.7	0.068	0.000913	6.65	0.00552	0.0465	0.000416	0.000363	0.000178	0.157	0.00000205	0.000217	0.000845	0.00188	5.36E-10
2097 Apr	0.0693	0.0000123	1.88	13.7	0.0681	0.000913	6.66	0.00553	0.0466	0.000416	0.000363	0.000178	0.157	0.00000205	0.000217	0.000845	0.00188	5.37E-10
2097 May	0.0697	0.0000123	1.88	13.7	0.0684	0.000911	6.68	0.00552	0.0467	0.00042	0.000363	0.000178	0.158	0.00000206	0.000216	0.000849	0.00188	5.34E-10
2097 Jun	0.0709	0.0000122	1.88	13.3	0.0696	0.000884	6.72	0.00539	0.0468	0.000437	0.000358	0.000177	0.158	0.00000205	0.000211	0.000862	0.00188	4.99E-10
2097 Jul	0.0713	0.0000123	1.9	13.5	0.07	0.000894	6.76	0.00545	0.0471	0.000438	0.000362	0.000178	0.159	0.00000206	0.000214	0.000868	0.00189	5.01E-10
2097 Aug	0.0715	0.0000123	1.91	13.6	0.0704	0.000902	6.78	0.0055	0.0472	0.000439	0.000365	0.00018	0.16	0.00000207	0.000215	0.000871	0.0019	5.02E-10
2097 Sep	0.0716	0.0000124	1.91	13.8	0.0706	0.00091	6.79	0.00555	0.0473	0.00044	0.000367	0.000181	0.161	0.00000207	0.000217	0.000873	0.00191	5.01E-10
2097 Oct	0.0714	0.0000124	1.91	13.8	0.0705	0.000914	6.77	0.00557	0.0472	0.000438	0.000367	0.000181	0.161	0.00000207	0.000218	0.000872	0.0019	4.99E-10
2097 Nov	0.0712	0.0000124	1.91	13.8	0.0702	0.000914	6.76	0.00555	0.0472	0.000435	0.000366	0.000181	0.16	0.00000207	0.000218	0.000868	0.0019	4.97E-10
2097 Dec	0.0712	0.0000124	1.91	13.8	0.07	0.000913	6.75	0.00554	0.0472	0.000434	0.000365	0.00018	0.16	0.00000207	0.000217	0.000867	0.0019	4.95E-10
2098 Jan	0.0712	0.0000124	1.91	13.8	0.07	0.000913	6.75	0.00554	0.0473	0.000434	0.000365	0.00018	0.16	0.00000207	0.000217	0.000867	0.0019	4.95E-10
2098 Feb	0.0712	0.0000124	1.91	13.8	0.0701	0.000913	6.75	0.00554	0.0473	0.000434	0.000365	0.00018	0.16	0.00000207	0.000217	0.000867	0.0019	4.95E-10
2098 Mar	0.0712	0.0000124	1.91	13.8	0.0701	0.000913	6.75	0.00554	0.0473	0.000435	0.000365	0.00018	0.16	0.00000207	0.000217	0.000867	0.0019	4.95E-10
2098 Apr	0.0713	0.0000124	1.91	13.8	0.0701	0.000913	6.76	0.00554	0.0473	0.000435	0.000365	0.00018	0.16	0.00000207	0.000217	0.000868	0.0019	4.95E-10
2098 May	0.0726	0.0000123	1.91	13.5	0.0713	0.000891	6.8	0.00543	0.0476	0.000451	0.000361	0.000179	0.161	0.00000207	0.000213	0.000881	0.0019	4.78E-10
2098 Jun	0.0743	0.000012	1.91	12.7	0.0729	0.000838	6.88	0.00516	0.0474	0.000477	0.00035	0.000174	0.16	0.00000205	0.000202	0.000897	0.00187	4.24E-10
2098 Jul	0.0747	0.0000121	1.92	12.9	0.0735	0.000848	6.93	0.00522	0.0476	0.000479	0.000353	0.000176	0.161	0.00000206	0.000205	0.000903	0.00188	4.24E-10
2098 Aug	0.0746	0.0000121	1.93	13	0.0735	0.000857	6.92	0.00527	0.0476	0.000478	0.000355	0.000177	0.162	0.00000206	0.000206	0.000902	0.00189	4.22E-10
2098 Sep	0.0737	0.0000121	1.92	13.1	0.0725	0.000868	6.85	0.0053	0.0475	0.000467	0.000354	0.000177	0.161	0.00000206	0.000208	0.000889	0.00187	4.11E-10
2098 Oct	0.0725	0.0000121	1.9	13	0.071	0.000872	6.82	0.00528	0.0472	0.000454	0.00035	0.000175	0.159	0.00000205	0.000208	0.000871	0.00185	3.97E-10
2098 Nov	0.0721	0.000012	1.89	12.9	0.0703	0.00087	6.8	0.00524	0.0472	0.000448	0.000347	0.000174	0.158	0.00000205	0.000207	0.000863	0.00185	3.92E-10
2098 Dec	0.0721	0.000012	1.89	12.9	0.0703	0.00087	6.8	0.00524	0.0472	0.000448	0.000347	0.000174	0.158	0.00000205	0.000207	0.000863	0.00184	3.91E-10
2099 Jan	0.0721	0.000012	1.89	12.9	0.0703	0.00087	6.8	0.00524	0.0472	0.000448	0.000347	0.000174	0.158	0.00000205	0.000207	0.000863	0.00184	3.91E-10
2099 Feb	0.0721	0.000012	1.89	12.9	0.0703	0.00087	6.8	0.00524	0.0472	0.000448	0.000347	0.000174	0.158	0.00000205	0.000207	0.000863	0.00184	3.91E-10
2099 Mar	0.0721	0.000012	1.89	12.9	0.0703	0.00087	6.8	0.00524	0.0472	0.000448	0.000347	0.000174	0.158	0.00000205	0.000207	0.000863	0.00185	3.91E-10
2099 Apr	0.0722	0.000012	1.89	13	0.0704	0.000871	6.81	0.00525	0.0473	0.000448	0.000347	0.000174	0.159	0.00000205	0.000207	0.000864	0.00185	3.92E-10
2099 May	0.074	0.0000119	1.9	12.5	0.0722	0.000836	6.91	0.00507	0.0474	0.000468	0.00034	0.000171	0.159	0.00000204	0.0002	0.000882	0.00184	3.67E-10
2099 Jun	0.0743	0.0000118	1.9	12.5	0.0728	0.000833	6.94	0.00507	0.0472	0.000474	0.00034	0.000172	0.16	0.00000204	0.0002	0.000888	0.00183	3.49E-10
2099 Jul	0.0746	0.0000119	1.92	12.7	0.0733	0.000846	6.96	0.00516	0.0475	0.000475	0.000345	0.000174	0.161	0.00000205	0.000203	0.000893	0.00185	3.48E-10
2099 Aug	0.0749	0.000012	1.93	12.9	0.0736	0.000856	6.99	0.00522	0.0477	0.000476	0.000348	0.000176	0.162	0.00000206	0.000205	0.000897	0.00186	3.49E-10
2099 Sep	0.0744	0.0000121	1.93	13	0.0733	0.000866	6.95	0.00526	0.0476	0.000471	0.000349	0.000176	0.162	0.00000205	0.000207	0.000892	0.00185	3.45E-10
2099 Oct	0.074	0.000012	1.92	13	0.0727	0.000871	6.91	0.00527	0.0475	0.000465	0.000348	0.000176	0.162	0.00000205	0.000207	0.000885	0.00185	3.4E-10
2099 Nov	0.0735	0.000012	1.91	12.9	0.072	0.000869	6.89	0.00523	0.0475	0.00046	0.000345	0.000175	0.161	0.00000205	0.000206	0.000876	0.00184	3.35E-10
2099 Dec	0.0735	0.000012	1.91	12.9	0.0719	0.000868	6.89	0.00523	0.0475	0.000459	0.000345	0.000175	0.16	0.00000205	0.000206	0.000875	0.00184	3.35E-10
2100 Jan	0.0735	0.000012	1.91	12.9	0.0719	0.000868	6.89	0.00523	0.0475	0.000459	0.000345	0.000175	0.16	0.00000205	0.000206	0.000875	0.00184	3.35E-10
2100 Feb	0.0735	0.000012	1.91	12.9	0.0719	0.000868	6.89	0.00523	0.0475	0.000459	0.000345	0.000175	0.16	0.00000205	0.000206	0.000876	0.00184	3.35E-10
2100 Mar	0.0735	0.000012	1.91	12.9	0.0719	0.000868	6.89	0.00523	0.0475	0.000459	0.000345	0.000175	0.161	0.00000205	0.000206	0.000876	0.00184	3.35E-10
2100 Apr	0.0736	0.000012	1.91	12.9	0.072	0.000869	6.9	0.00523	0.0475	0.000459	0.000345	0.000175	0.161	0.00000205	0.000206	0.000877	0.00184	3.35E-10
2100 May	0.0742	0.000012	1.92	12.8	0.0727	0.00086	6.93	0.00519	0.0476	0.000468	0.000344	0.000174	0.161	0.00000205	0.000205	0.000884	0.00184	3.28E-10
2100 Jun	0.0746	0.0000118	1.9	12.4	0.0731	0.000825	6.94	0.00503	0.0472	0.000479	0.000338	0.000171	0.16	0.00000203	0.000198	0.00089	0.00183	2.93E-10
2100 Jul	0.0745	0.0000118	1.91	12.6	0.0732	0.000838	6.95	0.00511	0.0472	0.000477	0.000342	0.000173	0.16	0.00000203	0.000201	0.000891	0.00183	2.9E-10
2100 Aug	0.0742	0.0000119	1.91	12.7	0.073	0.000846	6.93	0.00515	0.0471	0.000474	0.000344	0.000174	0.161	0.00000203	0.000202	0.000888	0.00183	2.88E-10
2100 Sep	0.0739	0.0000119	1.91	12.8	0.0728	0.000855	6.92	0.0052	0.047	0.00047	0.000345	0.000175	0.161	0.00000204	0.000204	0.000885	0.00183	2.85E-10
2100 Oct	0.0738	0.0000119	1.91	12.9	0.0728	0.00086	6.92	0.00523	0.047	0.000469	0.000347	0.000175	0.161	0.00000204	0.000205	0.000884	0.00183	2.85E-10
2100 Nov	0.0738	0.0000119	1.91	12.9	0.0728	0.000861	6.93	0.00523	0.047	0.000469	0.000347	0.000175	0.161	0.00000204	0.000205	0.000884	0.00183	2.84E-10
2100 Dec	0.0738	0.0000119	1.91	12.9	0.0728	0.000861	6.93	0.00524	0.047	0.000469	0.000347	0.000175	0.161	0.00000204	0.000205	0.000884	0.00183	2.84E-10
2101 Jan	0.0738	0.0000119	1.91	12.9	0.0728	0.000861	6.93	0.00524	0.047	0.000469	0.000347	0.000176	0.161	0.00000204	0.000206	0.000884	0.00183	2.84E-10
2101 Feb	0.0738	0.0000119	1.91	12.9	0.0728	0.000861	6.93	0.00524	0.047	0.000469	0.000347	0.000176	0.161	0.00000204	0.000206	0.000884	0.00184	2.84E-10
2101 Mar	0.0738	0.0000119	1.92	12.9	0.0728	0.000861	6.93	0.00524	0.047	0.000469	0.000347	0.000176	0.161	0.00000204	0.000206	0.000884	0.00184	2.84E-10
2101 Apr	0.0738	0.0000119	1.92	12.9	0.0729	0.000862	6.93	0.00524	0.047	0.000469	0.000347	0.000176	0.161	0.00000204	0.000206	0.000885	0.00184	2.84E-10
2101 May	0.0748	0.0000119	1.92	12.7	0.0738	0.000845	6.97	0.00515	0.0472	0.000481	0.000344	0.000174	0.162	0.00000204	0.000202	0.000895	0.00184	2.76E-10
2101 Jun	0.0751	0.0000118	1.91	12.4	0.074	0.000823	6.98	0.00505	0.047	0.000488	0.00034	0.000173	0.161	0.00000203	0.000198	0.000899	0.00183	2.57E-10
2101 Jul	0.0754	0.0000118	1.92	12.5	0.0744	0.000831	7.01	0.00511	0.0473	0.000489	0.000344	0.000174	0.162	0.00000204	0.0002	0.000904	0.00184	2.57E-10
2101 Aug	0.0758	0.0000119	1.94	12.7	0.0749	0.00084	7.05	0.00516	0.0475	0.000492	0.000347	0.000176	0.163	0.00000205	0.000202	0.000909	0.00186	2.58E-10
2101 Sep	0.0755	0.000012	1.94	12.8	0.0746	0.000851	7.02	0.00521	0.0475	0.000487	0.000348	0.000176	0.163	0.00000205	0.000204	0.000905	0.00185	2.55E-10
2101 Oct	0.0753	0.000012	1.94	12.9	0.0746	0.000857	7.01	0.00524	0.0475	0.000485	0.000349	0.000177	0.163	0.00000205	0.000205	0.000904	0.00185	2.54E-10
2101 Nov	0.075	0.000012	1.93	12.9	0.074	0.000857	6.97	0.00523	0.0474	0.000481	0.000348	0.000176	0.163	0.00000205	0.000205	0.000898	0.00185	2.52E-10
2101 Dec	0.0749	0.000012	1.93	12.8	0.0739	0.000857	6.97	0.00522	0.0474	0.00048	0.000347	0.000176	0.162	0.00000205	0.000205	0.000897	0.00184	2.51E-10
2102 Jan	0.0749	0.000012	1.93	12.8	0.0739	0.000857	6.97	0.00522	0.0475	0.00048	0.000347	0.000176	0.162	0.00000205	0.000205	0.000897	0.00184	2.51E-10
2102 Feb	0.0749	0.000012	1.93	12.8	0.0739	0.000857	6.97	0.00522	0.0475	0.00048	0.000347	0.000176	0.162	0.00000205	0.000205	0.000897	0.00184	2.51E-10
2102 Mar	0.0749	0.000012	1.93	12.8	0.074	0.000857	6.97	0.00522	0.0475	0.00048	0.000347	0.000176	0.163	0.00000205	0.000205	0.000897	0.00184	2.51E-10
2102 Apr	0.075	0.000012	1.93	12.9	0.074	0.000857	6.97	0.00522	0.0475	0.00048	0.000347	0.000176	0.163	0.00000205	0.000205	0.000897	0.00185	2.51E-10
2102 May	0.0751	0.000012	1.93	12.9	0.0741	0.000858	6.98	0.00523	0.0476	0.000481	0.000348	0.000176	0.163	0.00000205	0.000205	0.000899	0.00185	2.51E-10
2102 Jun	0.0714	0.0000119	1.85	12.3	0.0691	0.00082	6.64	0.00503	0.0467	0.000443	0.000344	0.000168	0.154	0.00000204	0.000198	0.000862	0.00186	2.25E-10
2102 Jul	0.0698	0.0000118	1.81	12	0.0668	0.000801	6.54	0.00493	0.0463	0.000426	0.000341	0.000165	0.15	0.00000204	0.000194	0.000844	0.00187	2.13E-10

2102 Aug	0.0699	0.0000118	1.82	12	0.067	0.000806	6.55	0.00496	0.0465	0.000426	0.000343	0.000165	0.151	0.00000204	0.000195	0.000846	0.00188	2.13E-10
2102 Sep	0.0698	0.0000118	1.82	12.1	0.0668	0.00081	6.54	0.00497	0.0465	0.000425	0.000343	0.000166	0.151	0.00000204	0.000196	0.000843	0.00188	2.12E-10
2102 Oct	0.069	0.0000118	1.8	11.9	0.0656	0.000809	6.48	0.00492	0.0465	0.000414	0.000337	0.000164	0.149	0.00000204	0.000194	0.000828	0.00186	2.06E-10
2102 Nov	0.0689	0.0000118	1.8	11.9	0.0653	0.000808	6.48	0.0049	0.0465	0.000412	0.000336	0.000163	0.149	0.00000204	0.000194	0.000825	0.00185	2.05E-10
2102 Dec	0.0689	0.0000118	1.8	11.9	0.0653	0.000808	6.48	0.0049	0.0465	0.000412	0.000335	0.000163	0.149	0.00000204	0.000194	0.000825	0.00185	2.05E-10
2103 Jan	0.0689	0.0000118	1.8	11.9	0.0653	0.000808	6.48	0.0049	0.0465	0.000412	0.000335	0.000163	0.149	0.00000204	0.000194	0.000825	0.00185	2.05E-10
2103 Feb	0.0689	0.0000118	1.8	11.9	0.0653	0.000808	6.48	0.0049	0.0465	0.000412	0.000335	0.000163	0.149	0.00000204	0.000194	0.000825	0.00185	2.05E-10
2103 Mar	0.0689	0.0000118	1.8	11.9	0.0653	0.000808	6.48	0.0049	0.0465	0.000412	0.000335	0.000163	0.149	0.00000204	0.000194	0.000825	0.00185	2.05E-10
2103 Apr	0.0689	0.0000118	1.8	11.9	0.0653	0.000809	6.48	0.0049	0.0465	0.000412	0.000336	0.000163	0.149	0.00000204	0.000194	0.000825	0.00185	2.05E-10
2103 May	0.0699	0.0000118	1.81	11.8	0.0663	0.000801	6.53	0.00487	0.0467	0.000423	0.000335	0.000163	0.15	0.00000204	0.000192	0.000836	0.00185	2E-10
2103 Jun	0.071	0.0000116	1.82	11.6	0.0677	0.000778	6.58	0.00478	0.0465	0.000441	0.000332	0.000162	0.15	0.00000203	0.000188	0.00085	0.00185	1.79E-10
2103 Jul	0.0707	0.0000117	1.82	11.8	0.0676	0.000789	6.56	0.00485	0.0465	0.000437	0.000336	0.000164	0.151	0.00000203	0.000191	0.000848	0.00185	1.76E-10
2103 Aug	0.0701	0.0000117	1.81	11.7	0.0665	0.000788	6.5	0.00484	0.0465	0.000429	0.000333	0.000163	0.149	0.00000203	0.000191	0.000833	0.00184	1.72E-10
2103 Sep	0.0694	0.0000117	1.8	11.7	0.0656	0.000795	6.47	0.00485	0.0464	0.00042	0.000331	0.000162	0.149	0.00000203	0.000191	0.000822	0.00183	1.67E-10
2103 Oct	0.0682	0.0000116	1.78	11.6	0.064	0.000795	6.45	0.00479	0.0462	0.000406	0.000325	0.00016	0.146	0.00000202	0.00019	0.000803	0.00181	1.61E-10
2103 Nov	0.068	0.0000116	1.77	11.5	0.0636	0.000794	6.44	0.00477	0.0461	0.000403	0.000323	0.000159	0.146	0.00000202	0.000189	0.000797	0.0018	1.59E-10
2103 Dec	0.0679	0.0000116	1.77	11.5	0.0635	0.000794	6.44	0.00477	0.0461	0.000403	0.000323	0.000159	0.146	0.00000202	0.000189	0.000797	0.0018	1.59E-10
2104 Jan	0.068	0.0000116	1.77	11.5	0.0635	0.000794	6.44	0.00477	0.0461	0.000403	0.000323	0.000159	0.146	0.00000202	0.000189	0.000797	0.0018	1.59E-10
2104 Feb	0.068	0.0000116	1.77	11.5	0.0636	0.000794	6.44	0.00477	0.0461	0.000403	0.000323	0.000159	0.146	0.00000202	0.000189	0.000797	0.0018	1.59E-10
2104 Mar	0.068	0.0000116	1.77	11.5	0.0636	0.000794	6.44	0.00477	0.0461	0.000403	0.000323	0.000159	0.146	0.00000202	0.000189	0.000798	0.0018	1.59E-10
2104 Apr	0.068	0.0000116	1.77	11.5	0.0636	0.000795	6.45	0.00478	0.0462	0.000403	0.000323	0.000159	0.146	0.00000202	0.000189	0.000798	0.0018	1.59E-10
2104 May	0.0693	0.0000116	1.78	11.4	0.0649	0.00078	6.5	0.00471	0.0464	0.000418	0.000321	0.000159	0.147	0.00000202	0.000187	0.000812	0.0018	1.54E-10
2104 Jun	0.0704	0.0000114	1.79	11.1	0.0663	0.000759	6.57	0.00462	0.0463	0.000435	0.000318	0.000158	0.148	0.00000201	0.000183	0.000826	0.0018	1.41E-10
2104 Jul	0.0705	0.0000115	1.8	11.3	0.0665	0.000767	6.59	0.00467	0.0464	0.000435	0.000321	0.000159	0.148	0.00000202	0.000185	0.000829	0.00181	1.41E-10
2104 Aug	0.0706	0.0000116	1.8	11.4	0.0666	0.000774	6.59	0.00471	0.0465	0.000435	0.000323	0.00016	0.149	0.00000202	0.000186	0.000829	0.00181	1.4E-10
2104 Sep	0.0701	0.0000116	1.8	11.4	0.0662	0.00078	6.56	0.00473	0.0464	0.000429	0.000322	0.00016	0.149	0.00000202	0.000187	0.000823	0.0018	1.38E-10
2104 Oct	0.0694	0.0000115	1.79	11.4	0.0652	0.000784	6.54	0.00472	0.0463	0.00042	0.000319	0.000159	0.148	0.00000202	0.000187	0.000811	0.00179	1.35E-10
2104 Nov	0.0692	0.0000115	1.78	11.3	0.0648	0.000783	6.53	0.00469	0.0463	0.000417	0.000317	0.000158	0.147	0.00000201	0.000186	0.000806	0.00179	1.34E-10
2104 Dec	0.0692	0.0000115	1.78	11.3	0.0648	0.000783	6.53	0.00469	0.0463	0.000417	0.000317	0.000158	0.147	0.00000201	0.000187	0.000806	0.00179	1.34E-10
2105 Jan	0.0692	0.0000115	1.78	11.3	0.0648	0.000783	6.53	0.0047	0.0463	0.000417	0.000317	0.000158	0.147	0.00000201	0.000187	0.000806	0.00179	1.34E-10
2105 Feb	0.0692	0.0000115	1.78	11.3	0.0648	0.000783	6.53	0.0047	0.0463	0.000417	0.000317	0.000158	0.147	0.00000201	0.000187	0.000806	0.00179	1.34E-10
2105 Mar	0.0692	0.0000115	1.78	11.3	0.0648	0.000783	6.53	0.0047	0.0463	0.000417	0.000317	0.000158	0.147	0.00000201	0.000187	0.000807	0.00179	1.34E-10
2105 Apr	0.0692	0.0000115	1.78	11.3	0.0648	0.000784	6.53	0.0047	0.0464	0.000417	0.000318	0.000158	0.147	0.00000202	0.000187	0.000807	0.00179	1.34E-10
2105 May	0.07	0.0000115	1.79	11.2	0.0656	0.000775	6.57	0.00466	0.0465	0.000426	0.000317	0.000158	0.148	0.00000202	0.000185	0.000815	0.00179	1.31E-10
2105 Jun	0.0708	0.0000115	1.8	11.2	0.0668	0.000771	6.62	0.00466	0.0466	0.000438	0.000318	0.000159	0.149	0.00000202	0.000185	0.000828	0.00179	1.25E-10
2105 Jul	0.071	0.0000116	1.81	11.4	0.0671	0.00078	6.63	0.00471	0.0467	0.000439	0.000321	0.00016	0.15	0.00000202	0.000187	0.000831	0.0018	1.25E-10
2105 Aug	0.0706	0.0000116	1.81	11.5	0.0668	0.000789	6.6	0.00476	0.0465	0.000434	0.000322	0.000161	0.15	0.00000202	0.000188	0.000825	0.0018	1.23E-10
2105 Sep	0.0694	0.0000116	1.8	11.6	0.0655	0.000803	6.56	0.0048	0.0463	0.00042	0.00032	0.000161	0.149	0.00000202	0.00019	0.000809	0.00178	1.18E-10
2105 Oct	0.0686	0.0000116	1.79	11.6	0.0646	0.000807	6.55	0.0048	0.0461	0.000412	0.000318	0.000161	0.148	0.00000201	0.000191	0.000798	0.00177	1.15E-10
2105 Nov	0.0683	0.0000115	1.78	11.5	0.0641	0.000806	6.54	0.00478	0.046	0.000408	0.000316	0.00016	0.147	0.00000201	0.00019	0.000792	0.00176	1.14E-10
2105 Dec	0.0683	0.0000115	1.78	11.5	0.0641	0.000806	6.54	0.00478	0.0461	0.000407	0.000316	0.00016	0.147	0.00000201	0.00019	0.000792	0.00176	1.14E-10
2106 Jan	0.0683	0.0000115	1.78	11.5	0.0641	0.000806	6.54	0.00478	0.0461	0.000407	0.000316	0.00016	0.147	0.00000201	0.00019	0.000792	0.00176	1.14E-10
2106 Feb	0.0683	0.0000115	1.78	11.5	0.0641	0.000806	6.54	0.00478	0.0461	0.000407	0.000316	0.00016	0.147	0.00000201	0.00019	0.000792	0.00176	1.14E-10
2106 Mar	0.0683	0.0000115	1.78	11.5	0.0641	0.000806	6.54	0.00478	0.0461	0.000408	0.000316	0.00016	0.147	0.00000201	0.00019	0.000792	0.00176	1.14E-10
2106 Apr	0.0684	0.0000115	1.79	11.5	0.0642	0.000806	6.55	0.00478	0.0461	0.000408	0.000316	0.00016	0.147	0.00000201	0.00019	0.000793	0.00176	1.14E-10
2106 May	0.0687	0.0000116	1.79	11.5	0.0646	0.000805	6.56	0.00478	0.0462	0.000412	0.000317	0.00016	0.148	0.00000201	0.00019	0.000797	0.00177	1.13E-10
2106 Jun	0.0688	0.0000114	1.77	11.1	0.0645	0.000771	6.52	0.00463	0.0459	0.000418	0.000314	0.000157	0.146	0.000002	0.000184	0.000803	0.00177	1.01E-10
2106 Jul	0.0685	0.0000115	1.77	11.2	0.0642	0.000777	6.5	0.00467	0.046	0.000413	0.000317	0.000158	0.146	0.00000201	0.000185	0.000801	0.00178	9.87E-11
2106 Aug	0.068	0.0000115	1.76	11.3	0.0634	0.000782	6.45	0.00469	0.0459	0.000406	0.000316	0.000158	0.145	0.00000201	0.000186	0.00079	0.00178	9.65E-11
2106 Sep	0.067	0.0000115	1.76	11.4	0.0625	0.000792	6.4	0.00472	0.0456	0.000395	0.000315	0.000158	0.144	0.00000201	0.000187	0.000776	0.00177	9.35E-11
2106 Oct	0.0667	0.0000115	1.76	11.4	0.0623	0.000799	6.4	0.00476	0.0455	0.000392	0.000316	0.000158	0.144	0.00000201	0.000189	0.000773	0.00176	9.25E-11
2106 Nov	0.0667	0.0000115	1.76	11.4	0.0623	0.0008	6.4	0.00476	0.0455	0.000392	0.000316	0.000158	0.144	0.00000201	0.000189	0.000773	0.00176	9.24E-11
2106 Dec	0.0667	0.0000115	1.76	11.5	0.0623	0.0008	6.4	0.00476	0.0455	0.000392	0.000316	0.000158	0.144	0.00000201	0.000189	0.000773	0.00176	9.24E-11
2107 Jan	0.0667	0.0000115	1.76	11.5	0.0623	0.0008	6.4	0.00476	0.0455	0.000392	0.000316	0.000158	0.144	0.00000201	0.000189	0.000773	0.00176	9.24E-11
2107 Feb	0.0667	0.0000115	1.76	11.5	0.0623	0.0008	6.4	0.00476	0.0455	0.000392	0.000316	0.000158	0.144	0.00000201	0.000189	0.000773	0.00176	9.24E-11
2107 Mar	0.0667	0.0000115	1.76	11.5	0.0623	0.0008	6.4	0.00476	0.0455	0.000392	0.000316	0.000158	0.145	0.00000201	0.000189	0.000773	0.00176	9.24E-11
2107 Apr	0.0667	0.0000115	1.76	11.5	0.0623	0.0008	6.4	0.00476	0.0455	0.000392	0.000316	0.000158	0.145	0.00000201	0.000189	0.000773	0.00176	9.24E-11
2107 May	0.0676	0.0000115	1.76	11.3	0.0631	0.000789	6.44	0.00471	0.0457	0.000402	0.000314	0.000158	0.145	0.00000201	0.000187	0.000782	0.00176	9.04E-11
2107 Jun	0.0697	0.0000114	1.78	11.1	0.0655	0.000764	6.53	0.0046	0.046	0.000428	0.000312	0.000157	0.147	0.000002	0.000182	0.000807	0.00177	8.37E-11
2107 Jul	0.0698	0.0000115	1.79	11.2	0.0656	0.000771	6.53	0.00465	0.0461	0.000428	0.000314	0.000158	0.148	0.00000201	0.000184	0.000808	0.00177	8.34E-11
2107 Aug	0.07	0.0000115	1.8	11.3	0.0659	0.000779	6.55	0.00469	0.0463	0.000429	0.000316	0.000159	0.148	0.00000202	0.000186	0.000811	0.00178	8.34E-11
2107 Sep	0.0699	0.0000116	1.8	11.5	0.0659	0.000789	6.54	0.00475	0.0463	0.000427	0.000319	0.000161	0.149	0.00000202	0.000188	0.000811	0.00178	8.3E-11
2107 Oct	0.0696	0.0000116	1.8	11.5	0.0657	0.000795	6.52	0.00477	0.0463	0.000424	0.000319	0.000161	0.149	0.00000202	0.000189	0.000808	0.00178	8.23E-11
2107 Nov	0.0695	0.0000116	1.8	11.5	0.0655	0.000795	6.52	0.00477	0.0463	0.000422	0.000318	0.000161	0.149	0.00000202	0.000189	0.000806	0.00178	8.2E-11
2107 Dec	0.0695	0.0000116	1.8	11.5	0.0655	0.000796	6.52	0.00477	0.0463	0.000422	0.000318	0.000161	0.149	0.00000202	0.000189	0.000806	0.00178	8.19E-11
2108 Jan	0.0695	0.0000116	1.8	11.5	0.0655	0.000796	6.52	0.00477	0.0463	0.000422	0.000319	0.000161	0.149	0.00000202	0.000189	0.000806	0.00178	8.19E-11
2108 Feb	0.0695	0.0000116	1.8	11.5	0.0655	0.000796	6.52	0.00477	0.0463	0.000422	0.000319	0.000161	0.149	0.00000202	0.000189	0.000806	0.00178	8.19E-11
2108 Mar	0.0695	0.0000116	1.8	11.5	0.0656	0.000796	6.52	0.00477	0.0463	0.000422	0.000319	0.000161	0.149	0.00000202	0.000189	0.000806	0.00178	8.19E-11
2108 Apr	0.0696	0.0000116	1.8	11.5	0.0656	0.000797	6.52	0.00477	0.0463	0.000423	0.000319	0.000161	0.149	0.00000202	0.000189	0.000807	0.00178	8.2E-11
2108 May	0.0698	0.0000116	1.8	11.6	0.0658	0.000798	6.54	0.00479	0.0464	0.000424	0.00032	0.000161	0.149	0.00000202	0.00019	0.000809	0.00178	8.22E-11
2108 Jun	0.0682	0.0000116	1.77	11.2	0.0636	0.000776	6.37	0.00468	0.0461	0.000408	0.000319	0.000157	0.145	0.00000202	0.000185	0.000796	0.0018	7.68E-11
2108 Jul	0.0683	0.0000116	1.77	11.3	0.0636	0.00078	6.38	0.00471	0.0463	0.000407	0.000321	0.000158	0.145	0.00000203	0.000186	0.000798	0.00181	7.64E-11

2108 Aug	0.0687	0.0000117	1.78	11.4	0.0641	0.000788	6.41	0.00476	0.0466	0.000409	0.000324	0.00016	0.147	0.00000204	0.000188	0.000803	0.00182	7.67E-11
2108 Sep	0.0687	0.0000118	1.79	11.6	0.0642	0.000797	6.41	0.00481	0.0466	0.000408	0.000326	0.000161	0.147	0.00000204	0.00019	0.000804	0.00183	7.65E-11
2108 Oct	0.0679	0.0000117	1.77	11.5	0.0629	0.000798	6.34	0.00477	0.0466	0.000398	0.000322	0.000159	0.146	0.00000203	0.000189	0.000789	0.00181	7.45E-11
2108 Nov	0.0677	0.0000117	1.77	11.4	0.0625	0.000797	6.32	0.00474	0.0466	0.000395	0.00032	0.000158	0.145	0.00000203	0.000189	0.000785	0.0018	7.39E-11
2108 Dec	0.0677	0.0000117	1.77	11.4	0.0625	0.000798	6.32	0.00474	0.0467	0.000395	0.00032	0.000158	0.145	0.00000203	0.000189	0.000785	0.0018	7.39E-11
2109 Jan	0.0677	0.0000117	1.77	11.4	0.0625	0.000798	6.32	0.00474	0.0467	0.000395	0.00032	0.000158	0.145	0.00000203	0.000189	0.000785	0.0018	7.39E-11
2109 Feb	0.0677	0.0000117	1.77	11.4	0.0626	0.000798	6.32	0.00474	0.0467	0.000395	0.00032	0.000158	0.145	0.00000203	0.000189	0.000785	0.0018	7.39E-11
2109 Mar	0.0677	0.0000117	1.77	11.4	0.0626	0.000798	6.32	0.00474	0.0467	0.000395	0.00032	0.000158	0.145	0.00000203	0.000189	0.000785	0.0018	7.39E-11
2109 Apr	0.0678	0.0000117	1.77	11.4	0.0626	0.000798	6.33	0.00475	0.0467	0.000395	0.00032	0.000158	0.145	0.00000203	0.000189	0.000786	0.0018	7.39E-11
2109 May	0.0689	0.0000117	1.78	11.3	0.0637	0.000785	6.38	0.00468	0.0469	0.000408	0.000318	0.000158	0.146	0.00000204	0.000186	0.000798	0.00181	7.19E-11
2109 Jun	0.0706	0.0000116	1.8	11.1	0.0657	0.000769	6.46	0.00462	0.0472	0.00043	0.000317	0.000158	0.148	0.00000203	0.000184	0.000819	0.00181	6.78E-11
2109 Jul	0.0705	0.0000117	1.8	11.3	0.0657	0.000778	6.44	0.00468	0.0473	0.000427	0.000319	0.000159	0.148	0.00000204	0.000186	0.000817	0.00181	6.71E-11
2109 Aug	0.0704	0.0000118	1.8	11.4	0.0654	0.000784	6.42	0.00471	0.0474	0.000424	0.00032	0.00016	0.148	0.00000205	0.000187	0.000812	0.00181	6.63E-11
2109 Sep	0.07	0.0000118	1.8	11.5	0.0651	0.000797	6.39	0.00477	0.0473	0.000418	0.000322	0.000161	0.149	0.00000204	0.00019	0.000807	0.00181	6.53E-11
2109 Oct	0.0687	0.0000118	1.78	11.5	0.0633	0.000804	6.34	0.00475	0.0472	0.000403	0.000316	0.000159	0.147	0.00000204	0.00019	0.000787	0.00179	6.24E-11
2109 Nov	0.0686	0.0000118	1.78	11.5	0.0632	0.000804	6.33	0.00474	0.0472	0.000401	0.000316	0.000158	0.146	0.00000204	0.000189	0.000785	0.00179	6.21E-11
2109 Dec	0.0686	0.0000118	1.78	11.5	0.0632	0.000804	6.33	0.00474	0.0472	0.000401	0.000316	0.000159	0.146	0.00000204	0.00019	0.000785	0.00179	6.21E-11
2110 Jan	0.0686	0.0000118	1.78	11.5	0.0632	0.000804	6.33	0.00474	0.0472	0.000401	0.000316	0.000159	0.146	0.00000204	0.00019	0.000785	0.00179	6.21E-11
2110 Feb	0.0686	0.0000118	1.78	11.5	0.0632	0.000804	6.34	0.00474	0.0472	0.000401	0.000316	0.000159	0.147	0.00000204	0.00019	0.000785	0.00179	6.2E-11
2110 Mar	0.0686	0.0000118	1.78	11.5	0.0632	0.000804	6.34	0.00474	0.0472	0.000401	0.000316	0.000159	0.147	0.00000204	0.00019	0.000785	0.00179	6.21E-11
2110 Apr	0.0687	0.0000118	1.78	11.5	0.0632	0.000805	6.34	0.00475	0.0472	0.000401	0.000316	0.000159	0.147	0.00000204	0.00019	0.000785	0.00179	6.21E-11
2110 May	0.0691	0.0000118	1.79	11.5	0.0637	0.000803	6.36	0.00474	0.0473	0.000406	0.000316	0.000159	0.147	0.00000204	0.000189	0.00079	0.00179	6.16E-11
2110 Jun	0.0716	0.0000116	1.81	11.2	0.067	0.000774	6.47	0.00464	0.0473	0.000441	0.000315	0.000159	0.15	0.00000203	0.000185	0.000826	0.00179	5.38E-11
2110 Jul	0.0717	0.0000117	1.82	11.5	0.0674	0.000792	6.48	0.00476	0.0474	0.000441	0.000321	0.000162	0.151	0.00000203	0.000189	0.00083	0.0018	5.34E-11
2110 Aug	0.0694	0.0000117	1.78	11.3	0.0642	0.000782	6.34	0.00467	0.0467	0.000416	0.000311	0.000158	0.147	0.00000202	0.000185	0.000786	0.00176	4.94E-11
2110 Sep	0.0677	0.0000116	1.76	11.2	0.0621	0.000791	6.29	0.00466	0.0464	0.000396	0.000306	0.000156	0.144	0.00000201	0.000186	0.000762	0.00174	4.65E-11
2110 Oct	0.0664	0.0000115	1.74	11.1	0.0603	0.000795	6.26	0.00462	0.0462	0.00038	0.0003	0.000154	0.142	0.000002	0.000185	0.000741	0.00171	4.41E-11
2110 Nov	0.0661	0.0000115	1.73	11.1	0.0599	0.000795	6.25	0.00461	0.0461	0.000377	0.000299	0.000153	0.142	0.000002	0.000185	0.000737	0.00171	4.37E-11
2110 Dec	0.0661	0.0000115	1.73	11.1	0.0599	0.000795	6.25	0.00461	0.0461	0.000377	0.000299	0.000153	0.142	0.000002	0.000185	0.000736	0.00171	4.36E-11
2111 Jan	0.0661	0.0000115	1.73	11.1	0.0599	0.000795	6.25	0.00461	0.0461	0.000377	0.000299	0.000153	0.142	0.000002	0.000185	0.000737	0.00171	4.36E-11
2111 Feb	0.0661	0.0000115	1.73	11.1	0.0599	0.000795	6.25	0.00461	0.0461	0.000377	0.000299	0.000153	0.142	0.000002	0.000185	0.000737	0.00171	4.36E-11
2111 Mar	0.0661	0.0000115	1.73	11.1	0.06	0.000795	6.26	0.00461	0.0461	0.000377	0.000299	0.000153	0.142	0.000002	0.000185	0.000737	0.00171	4.36E-11
2111 Apr	0.0662	0.0000115	1.73	11.1	0.06	0.000796	6.26	0.00461	0.0462	0.000378	0.000299	0.000154	0.142	0.000002	0.000185	0.000738	0.00171	4.37E-11
2111 May	0.0669	0.0000115	1.74	11	0.0608	0.000788	6.3	0.00458	0.0464	0.000386	0.000298	0.000153	0.143	0.00000201	0.000184	0.000746	0.00171	4.3E-11
2111 Jun	0.0694	0.0000114	1.76	10.7	0.0636	0.000754	6.4	0.00444	0.0466	0.000418	0.000296	0.000152	0.145	0.000002	0.000178	0.000778	0.00172	3.89E-11
2111 Jul	0.0698	0.0000115	1.77	10.8	0.0641	0.000765	6.43	0.0045	0.0469	0.00042	0.0003	0.000154	0.146	0.00000201	0.00018	0.000784	0.00173	3.9E-11
2111 Aug	0.069	0.0000115	1.76	10.9	0.0631	0.000771	6.36	0.00452	0.0467	0.000411	0.000298	0.000154	0.145	0.00000201	0.000181	0.00077	0.00172	3.79E-11
2111 Sep	0.0683	0.0000115	1.76	11	0.0625	0.000783	6.32	0.00457	0.0465	0.000403	0.000299	0.000155	0.145	0.00000201	0.000183	0.000761	0.00172	3.71E-11
2111 Oct	0.0675	0.0000115	1.75	11	0.0616	0.000786	6.31	0.00457	0.0463	0.000394	0.000297	0.000154	0.144	0.000002	0.000183	0.000751	0.00171	3.61E-11
2111 Nov	0.0669	0.0000114	1.74	10.9	0.0607	0.000784	6.29	0.00452	0.0463	0.000387	0.000293	0.000152	0.142	0.000002	0.000182	0.00074	0.00169	3.52E-11
2111 Dec	0.0669	0.0000114	1.74	10.9	0.0606	0.000784	6.29	0.00452	0.0463	0.000386	0.000293	0.000152	0.142	0.000002	0.000182	0.000739	0.00169	3.51E-11
2112 Jan	0.0669	0.0000114	1.74	10.9	0.0606	0.000784	6.29	0.00452	0.0463	0.000386	0.000293	0.000152	0.142	0.000002	0.000182	0.000739	0.00169	3.51E-11
2112 Feb	0.0669	0.0000114	1.74	10.9	0.0607	0.000784	6.29	0.00452	0.0463	0.000386	0.000293	0.000152	0.142	0.000002	0.000182	0.00074	0.00169	3.51E-11
2112 Mar	0.0669	0.0000114	1.74	10.9	0.0607	0.000784	6.3	0.00452	0.0463	0.000386	0.000293	0.000152	0.142	0.000002	0.000182	0.00074	0.00169	3.51E-11
2112 Apr	0.067	0.0000114	1.74	10.9	0.0607	0.000785	6.3	0.00453	0.0463	0.000387	0.000293	0.000153	0.143	0.000002	0.000182	0.000741	0.00169	3.51E-11
2112 May	0.068	0.0000114	1.75	10.8	0.0618	0.000775	6.35	0.00448	0.0465	0.000399	0.000292	0.000152	0.144	0.000002	0.00018	0.000753	0.0017	3.42E-11
2112 Jun	0.0698	0.0000112	1.76	10.5	0.0642	0.000741	6.43	0.00437	0.0463	0.000426	0.000292	0.000152	0.145	0.00000199	0.000175	0.000782	0.0017	2.98E-11
2112 Jul	0.0695	0.0000113	1.77	10.8	0.0643	0.000758	6.41	0.00448	0.0463	0.000423	0.000298	0.000154	0.146	0.00000199	0.000179	0.000784	0.00172	2.92E-11
2112 Aug	0.0696	0.0000114	1.78	11	0.0646	0.000771	6.42	0.00456	0.0464	0.000423	0.000302	0.000156	0.147	0.000002	0.000182	0.000786	0.00173	2.92E-11
2112 Sep	0.0693	0.0000115	1.79	11.3	0.0647	0.00079	6.4	0.00467	0.0463	0.000419	0.000307	0.000158	0.148	0.000002	0.000186	0.000786	0.00173	2.89E-11
2112 Oct	0.0691	0.0000116	1.79	11.4	0.0646	0.0008	6.38	0.00472	0.0463	0.000416	0.000308	0.000159	0.148	0.000002	0.000188	0.000784	0.00173	2.87E-11
2112 Nov	0.069	0.0000116	1.79	11.4	0.0645	0.000802	6.38	0.00472	0.0463	0.000415	0.000308	0.000159	0.148	0.000002	0.000188	0.000783	0.00173	2.86E-11
2112 Dec	0.069	0.0000116	1.79	11.4	0.0645	0.000802	6.38	0.00472	0.0463	0.000415	0.000308	0.000159	0.148	0.000002	0.000188	0.000783	0.00173	2.86E-11
2113 Jan	0.069	0.0000116	1.79	11.4	0.0645	0.000802	6.38	0.00472	0.0463	0.000415	0.000308	0.000159	0.148	0.000002	0.000188	0.000783	0.00173	2.86E-11
2113 Feb	0.069	0.0000116	1.79	11.4	0.0645	0.000802	6.38	0.00472	0.0463	0.000415	0.000308	0.000159	0.148	0.000002	0.000188	0.000783	0.00173	2.86E-11
2113 Mar	0.069	0.0000116	1.79	11.5	0.0646	0.000802	6.38	0.00473	0.0463	0.000415	0.000308	0.000159	0.148	0.000002	0.000188	0.000783	0.00173	2.86E-11
2113 Apr	0.0691	0.0000116	1.79	11.5	0.0646	0.000803	6.38	0.00473	0.0463	0.000416	0.000309	0.000159	0.148	0.000002	0.000188	0.000784	0.00173	2.86E-11
2113 May	0.0698	0.0000116	1.8	11.4	0.0654	0.000796	6.42	0.0047	0.0465	0.000424	0.000308	0.000159	0.149	0.000002	0.000187	0.000793	0.00173	2.81E-11
2113 Jun	0.0714	0.0000115	1.81	11.3	0.0674	0.000782	6.49	0.00467	0.0466	0.000445	0.000309	0.00016	0.151	0.000002	0.000185	0.000815	0.00174	2.59E-11
2113 Jul	0.0716	0.0000116	1.83	11.5	0.0678	0.000795	6.51	0.00475	0.0468	0.000446	0.000314	0.000162	0.152	0.00000201	0.000188	0.00082	0.00175	2.59E-11
2113 Aug	0.0717	0.0000117	1.83	11.7	0.0681	0.000806	6.52	0.00481	0.0469	0.000446	0.000317	0.000164	0.153	0.00000201	0.000191	0.000822	0.00176	2.59E-11
2113 Sep	0.0713	0.0000117	1.84	11.9	0.0678	0.000819	6.49	0.00488	0.0468	0.00044	0.000319	0.000165	0.153	0.00000201	0.000193	0.000818	0.00176	2.55E-11
2113 Oct	0.0697	0.0000116	1.81	11.7	0.0656	0.00082	6.42	0.00481	0.0466	0.000421	0.000312	0.000162	0.15	0.000002	0.000192	0.000792	0.00173	2.42E-11
2113 Nov	0.0693	0.0000116	1.8	11.6	0.0649	0.000819	6.4	0.00478	0.0466	0.000416	0.000309	0.000161	0.149	0.000002	0.000191	0.000785	0.00172	2.38E-11
2113 Dec	0.0693	0.0000116	1.8	11.6	0.0649	0.000819	6.4	0.00478	0.0466	0.000416	0.000309	0.000161	0.149	0.000002	0.000191	0.000785	0.00172	2.38E-11
2114 Jan	0.0693	0.0000116	1.8	11.6	0.0649	0.000819	6.4	0.00478	0.0466	0.000416	0.000309	0.000161	0.149	0.000002	0.000191	0.000785	0.00172	2.38E-11
2114 Feb	0.0693	0.0000116	1.8	11.6	0.0649	0.000819	6.4	0.00478	0.0466	0.000416	0.000309	0.000161	0.149	0.000002	0.000191	0.000785	0.00172	2.38E-11
2114 Mar	0.0693	0.0000116	1.8	11.6	0.0649	0.000819	6.41	0.00478	0.0466	0.000416	0.000309	0.000161	0.149	0.000002	0.000191	0.000785	0.00172	2.38E-11
2114 Apr	0.0694	0.0000116	1.8	11.6	0.0649	0.000819	6.41	0.00478	0.0467	0.000416	0.000309	0.000161	0.149	0.000002	0.000191	0.000786	0.00172	2.38E-11
2114 May	0.0704	0.0000116	1.81	11.5	0.066	0.000806	6.46	0.00472	0.0468	0.000428	0.000307	0.00016	0.15	0.000002	0.000188	0.000798	0.00172	2.3E-11
2114 Jun	0.0719	0.0000116	1.83	11.6	0.0681	0.000806	6.52	0.00477	0.047	0.000446	0.000312	0.000163	0.153	0.000002	0.00019	0.00082	0.00174	2.17E-11
2114 Jul	0.0723	0.0000118	1.85	11.9	0.0688	0.000825	6.55	0.00488	0.0473	0.000448	0.000318	0.000166	0.155	0.00000202	0.000194	0.000828	0.00175	2.18E-11

2114 Aug	0.0726	0.0000119	1.87	12.1	0.0693	0.000838	6.59	0.00496	0.0476	0.00045	0.000322	0.000168	0.156	0.00000203	0.000197	0.000834	0.00177	2.18E-11
2114 Sep	0.0722	0.0000119	1.87	12.4	0.0691	0.000854	6.55	0.00505	0.0475	0.000445	0.000325	0.000169	0.157	0.00000203	0.0002	0.00083	0.00177	2.16E-11
2114 Oct	0.0715	0.0000119	1.86	12.4	0.0682	0.000861	6.49	0.00506	0.0474	0.000436	0.000324	0.000169	0.156	0.00000202	0.000201	0.00082	0.00176	2.11E-11
2114 Nov	0.0707	0.0000119	1.85	12.3	0.0671	0.000859	6.45	0.00501	0.0474	0.000427	0.000319	0.000167	0.154	0.00000201	0.0002	0.000807	0.00174	2.06E-11
2114 Dec	0.0707	0.0000119	1.84	12.3	0.0669	0.000859	6.45	0.005	0.0474	0.000426	0.000319	0.000167	0.154	0.00000201	0.000199	0.000805	0.00174	2.05E-11
2115 Jan	0.0707	0.0000119	1.84	12.3	0.067	0.000859	6.45	0.005	0.0474	0.000426	0.000319	0.000167	0.154	0.00000201	0.000199	0.000806	0.00174	2.05E-11
2115 Feb	0.0707	0.0000119	1.84	12.3	0.067	0.000859	6.45	0.005	0.0474	0.000426	0.000319	0.000167	0.154	0.00000201	0.000199	0.000806	0.00174	2.05E-11
2115 Mar	0.0707	0.0000119	1.84	12.3	0.067	0.000859	6.45	0.005	0.0474	0.000426	0.000319	0.000167	0.154	0.00000201	0.000199	0.000806	0.00174	2.05E-11
2115 Apr	0.0708	0.0000119	1.85	12.3	0.0671	0.00086	6.46	0.005	0.0474	0.000426	0.000319	0.000167	0.154	0.00000202	0.0002	0.000807	0.00174	2.05E-11
2115 May	0.0714	0.0000118	1.85	12.1	0.0676	0.000848	6.49	0.00495	0.0475	0.000434	0.000317	0.000166	0.154	0.00000202	0.000198	0.000813	0.00174	2.01E-11
2115 Jun	0.0722	0.0000119	1.87	12.4	0.069	0.000858	6.53	0.00503	0.0477	0.000443	0.000323	0.000169	0.157	0.00000202	0.0002	0.000828	0.00176	1.95E-11
2115 Jul	0.0725	0.000012	1.88	12.6	0.0694	0.000871	6.56	0.00511	0.0479	0.000445	0.000327	0.000171	0.158	0.00000203	0.000203	0.000833	0.00177	1.95E-11
2115 Aug	0.072	0.000012	1.88	12.7	0.069	0.000879	6.52	0.00515	0.0477	0.000439	0.000328	0.000171	0.158	0.00000203	0.000205	0.000826	0.00176	1.92E-11
2115 Sep	0.0715	0.0000121	1.88	12.9	0.0688	0.000892	6.49	0.00522	0.0476	0.000434	0.00033	0.000173	0.158	0.00000203	0.000207	0.000822	0.00176	1.9E-11
2115 Oct	0.0714	0.0000121	1.89	13	0.0688	0.0009	6.49	0.00527	0.0475	0.000433	0.000332	0.000174	0.158	0.00000203	0.000209	0.000822	0.00177	1.89E-11
2115 Nov	0.071	0.0000121	1.88	12.9	0.0683	0.000899	6.48	0.00525	0.0474	0.000429	0.000331	0.000173	0.158	0.00000203	0.000209	0.000816	0.00176	1.87E-11
2115 Dec	0.071	0.0000121	1.88	12.9	0.0682	0.000899	6.48	0.00525	0.0474	0.000427	0.00033	0.000173	0.158	0.00000203	0.000208	0.000815	0.00176	1.86E-11
2116 Jan	0.071	0.0000121	1.88	12.9	0.0682	0.000899	6.48	0.00525	0.0474	0.000427	0.00033	0.000173	0.158	0.00000203	0.000208	0.000815	0.00176	1.86E-11
2116 Feb	0.071	0.0000121	1.88	12.9	0.0682	0.000899	6.48	0.00525	0.0474	0.000428	0.00033	0.000173	0.158	0.00000203	0.000208	0.000815	0.00176	1.86E-11
2116 Mar	0.071	0.0000121	1.88	12.9	0.0683	0.000899	6.48	0.00525	0.0474	0.000428	0.00033	0.000173	0.158	0.00000203	0.000208	0.000815	0.00176	1.86E-11
2116 Apr	0.0711	0.0000121	1.88	12.9	0.0683	0.000899	6.48	0.00525	0.0475	0.000428	0.00033	0.000173	0.158	0.00000203	0.000208	0.000816	0.00176	1.86E-11
2116 May	0.0717	0.0000121	1.89	12.9	0.069	0.000893	6.52	0.00522	0.0476	0.000436	0.00033	0.000173	0.158	0.00000203	0.000207	0.000824	0.00176	1.83E-11
2116 Jun	0.0729	0.0000119	1.88	12.5	0.0705	0.000856	6.55	0.00508	0.0473	0.000456	0.000328	0.000171	0.158	0.00000201	0.000201	0.000844	0.00177	1.6E-11
2116 Jul	0.0731	0.000012	1.9	12.9	0.0712	0.000877	6.58	0.00522	0.0475	0.000457	0.000336	0.000174	0.16	0.00000202	0.000206	0.000851	0.00178	1.6E-11
2116 Aug	0.0734	0.0000121	1.91	13	0.0716	0.000888	6.6	0.00528	0.0477	0.000458	0.000339	0.000176	0.161	0.00000203	0.000208	0.000856	0.00179	1.6E-11
2116 Sep	0.0724	0.0000121	1.9	13.1	0.0704	0.0009	6.53	0.00531	0.0476	0.000446	0.000337	0.000176	0.16	0.00000203	0.00021	0.000842	0.00178	1.55E-11
2116 Oct	0.0713	0.0000121	1.88	13.1	0.0689	0.000905	6.47	0.00529	0.0475	0.000432	0.000333	0.000174	0.159	0.00000202	0.00021	0.000825	0.00176	1.5E-11
2116 Nov	0.0712	0.0000121	1.88	13.1	0.0687	0.000905	6.47	0.00528	0.0475	0.00043	0.000333	0.000174	0.158	0.00000202	0.00021	0.000823	0.00176	1.49E-11
2116 Dec	0.0712	0.0000121	1.88	13.1	0.0687	0.000905	6.47	0.00529	0.0475	0.00043	0.000333	0.000174	0.158	0.00000202	0.00021	0.000823	0.00176	1.49E-11
2117 Jan	0.0712	0.0000121	1.88	13.1	0.0687	0.000906	6.47	0.00529	0.0475	0.00043	0.000333	0.000174	0.158	0.00000202	0.00021	0.000823	0.00176	1.49E-11
2117 Feb	0.0712	0.0000121	1.88	13.1	0.0687	0.000906	6.47	0.00529	0.0475	0.00043	0.000333	0.000174	0.158	0.00000202	0.00021	0.000823	0.00176	1.49E-11
2117 Mar	0.0712	0.0000121	1.88	13.1	0.0687	0.000906	6.47	0.00529	0.0475	0.00043	0.000333	0.000174	0.158	0.00000202	0.00021	0.000823	0.00176	1.49E-11
2117 Apr	0.0713	0.0000121	1.89	13.1	0.0688	0.000906	6.47	0.00529	0.0476	0.000431	0.000333	0.000174	0.159	0.00000202	0.00021	0.000824	0.00176	1.49E-11
2117 May	0.0718	0.0000121	1.89	13	0.0693	0.0009	6.5	0.00526	0.0477	0.000437	0.000333	0.000174	0.159	0.00000202	0.000209	0.00083	0.00177	1.47E-11
2117 Jun	0.073	0.0000121	1.9	12.9	0.0707	0.000887	6.56	0.00521	0.0479	0.000452	0.000333	0.000174	0.16	0.00000203	0.000207	0.000846	0.00177	1.4E-11
2117 Jul	0.0734	0.0000122	1.91	13	0.0712	0.000896	6.59	0.00527	0.0481	0.000454	0.000336	0.000175	0.161	0.00000204	0.000209	0.000851	0.00179	1.41E-11
2117 Aug	0.0736	0.0000122	1.92	13.2	0.0714	0.000904	6.6	0.00532	0.0483	0.000454	0.000338	0.000177	0.162	0.00000204	0.000211	0.000853	0.00179	1.41E-11
2117 Sep	0.0736	0.0000123	1.93	13.3	0.0716	0.000914	6.6	0.00538	0.0483	0.000454	0.000341	0.000178	0.163	0.00000205	0.000213	0.000855	0.0018	1.4E-11
2117 Oct	0.0733	0.0000123	1.93	13.4	0.0714	0.00092	6.58	0.00541	0.0483	0.00045	0.000342	0.000178	0.163	0.00000204	0.000214	0.000852	0.0018	1.39E-11
2117 Nov	0.0731	0.0000123	1.92	13.4	0.0711	0.00092	6.57	0.00539	0.0483	0.000448	0.000341	0.000178	0.162	0.00000204	0.000214	0.000849	0.00179	1.39E-11
2117 Dec	0.0731	0.0000123	1.92	13.3	0.071	0.000919	6.56	0.00539	0.0483	0.000448	0.00034	0.000178	0.162	0.00000204	0.000214	0.000848	0.00179	1.38E-11
2118 Jan	0.0731	0.0000123	1.92	13.3	0.071	0.000919	6.56	0.00539	0.0483	0.000448	0.00034	0.000178	0.162	0.00000204	0.000214	0.000848	0.00179	1.38E-11
2118 Feb	0.0731	0.0000123	1.92	13.3	0.071	0.000919	6.56	0.00539	0.0483	0.000448	0.00034	0.000178	0.162	0.00000204	0.000214	0.000848	0.00179	1.38E-11
2118 Mar	0.0731	0.0000123	1.92	13.3	0.071	0.000919	6.56	0.00539	0.0483	0.000448	0.00034	0.000178	0.162	0.00000204	0.000214	0.000848	0.00179	1.38E-11
2118 Apr	0.0732	0.0000123	1.92	13.3	0.0711	0.00092	6.57	0.00539	0.0483	0.000448	0.00034	0.000178	0.162	0.00000204	0.000214	0.000849	0.00179	1.38E-11
2118 May	0.0748	0.0000122	1.93	12.9	0.0726	0.000887	6.63	0.00523	0.0485	0.000468	0.000335	0.000175	0.163	0.00000204	0.000207	0.000866	0.00179	1.31E-11
2118 Jun	0.0761	0.0000119	1.93	12.4	0.074	0.000849	6.7	0.00505	0.0484	0.000489	0.000329	0.000173	0.163	0.00000202	0.0002	0.000882	0.00178	1.19E-11
2118 Jul	0.0766	0.0000121	1.94	12.6	0.0746	0.00086	6.74	0.00513	0.0487	0.000492	0.000333	0.000175	0.164	0.00000204	0.000203	0.000889	0.0018	1.19E-11
2118 Aug	0.0759	0.0000121	1.94	12.7	0.0741	0.000869	6.7	0.00516	0.0485	0.000485	0.000334	0.000175	0.164	0.00000204	0.000204	0.000881	0.00179	1.17E-11
2118 Sep	0.0742	0.0000121	1.92	12.7	0.0719	0.00088	6.61	0.00517	0.0482	0.000464	0.00033	0.000174	0.161	0.00000203	0.000205	0.000856	0.00177	1.11E-11
2118 Oct	0.073	0.000012	1.9	12.7	0.0705	0.000884	6.57	0.00515	0.0479	0.000451	0.000327	0.000172	0.16	0.00000202	0.000205	0.000839	0.00175	1.07E-11
2118 Nov	0.0727	0.000012	1.89	12.6	0.0699	0.000883	6.56	0.00513	0.0479	0.000447	0.000325	0.000172	0.159	0.00000202	0.000205	0.000833	0.00175	1.06E-11
2118 Dec	0.0727	0.000012	1.89	12.6	0.0699	0.000883	6.56	0.00513	0.0479	0.000446	0.000324	0.000172	0.159	0.00000202	0.000204	0.000833	0.00175	1.06E-11
2119 Jan	0.0727	0.000012	1.89	12.6	0.0699	0.000883	6.56	0.00513	0.0479	0.000446	0.000324	0.000172	0.159	0.00000202	0.000204	0.000833	0.00175	1.06E-11
2119 Feb	0.0727	0.000012	1.89	12.6	0.0699	0.000883	6.56	0.00513	0.0479	0.000447	0.000325	0.000172	0.159	0.00000202	0.000205	0.000833	0.00175	1.06E-11
2119 Mar	0.0727	0.000012	1.89	12.6	0.0699	0.000883	6.56	0.00513	0.0479	0.000447	0.000325	0.000172	0.159	0.00000202	0.000205	0.000834	0.00175	1.06E-11
2119 Apr	0.073	0.000012	1.9	12.6	0.0702	0.000883	6.58	0.00513	0.048	0.000448	0.000325	0.000172	0.16	0.00000202	0.000205	0.000836	0.00175	1.06E-11
2119 May	0.0752	0.0000118	1.91	12.2	0.0726	0.00085	6.71	0.00498	0.0482	0.000466	0.000319	0.000169	0.161	0.00000201	0.000198	0.00086	0.00174	9.93E-12
2119 Jun	0.0751	0.0000118	1.91	12.3	0.0728	0.000854	6.71	0.00502	0.0481	0.000467	0.000322	0.00017	0.161	0.00000201	0.0002	0.000864	0.00175	9.58E-12
2119 Jul	0.0754	0.000012	1.93	12.5	0.0732	0.000866	6.73	0.0051	0.0483	0.000468	0.000327	0.000172	0.163	0.00000202	0.000203	0.000869	0.00176	9.55E-12
2119 Aug	0.0753	0.000012	1.93	12.7	0.0732	0.000876	6.73	0.00515	0.0483	0.000466	0.000329	0.000173	0.163	0.00000203	0.000205	0.000868	0.00177	9.5E-12
2119 Sep	0.0745	0.0000121	1.93	12.8	0.0726	0.000889	6.67	0.00521	0.0482	0.000457	0.00033	0.000174	0.163	0.00000202	0.000207	0.000859	0.00176	9.32E-12
2119 Oct	0.0738	0.000012	1.92	12.8	0.0717	0.000893	6.64	0.00521	0.048	0.000449	0.000329	0.000173	0.162	0.00000202	0.000207	0.000849	0.00175	9.11E-12
2119 Nov	0.0733	0.000012	1.91	12.7	0.0709	0.00089	6.62	0.00517	0.048	0.000443	0.000325	0.000172	0.161	0.00000202	0.000206	0.000841	0.00174	8.96E-12
2119 Dec	0.0733	0.000012	1.91	12.7	0.0708	0.00089	6.62	0.00517	0.048	0.000443	0.000325	0.000172	0.161	0.00000202	0.000206	0.00084	0.00174	8.95E-12

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	1170	0.489	1.47	0.0425	463	0.0116	444	0.000241	0.000241	0.00000773	0.0082	0.00881	0.181	0.0258	0.0000311	58.8	0.000054	0.0000981	0.000691	0.00302
Operation (2026-2036): Mean	38500	70.8	92.1	2.36	25800	0.0647	2550	0.00401	0.00401	0.000395	0.0179	0.0352	0.932	0.232	0.0000635	1300	0.000415	0.0022	0.0081	0.00384
Operation (2026-2036): Max	52700	132	151	3.68	35600	0.352	3300	0.00498	0.00498	0.000498	0.02	0.049	1.22	0.318	0.0000698	1770	0.000498	0.0155	0.00996	0.00857
Active Closure (2037-2043): Min	24.2	0.00552	0.00514	0.001	7.7	0.0255	3.04	0.000783	0.000783	0.00000401	0.00258	0.000239	0.00312	0.00736	0.00000483	6.6	0.00000506	0.0000999	0.0000648	0.000805
Active Closure (2037-2043): Mean	147	0.0496	0.094	0.00369	33.1	0.0364	77.3	0.000954	0.000954	0.00000498	0.00347	0.000568	0.0243	0.00866	0.00000502	15.2	0.0000127	0.000126	0.00014	0.00114
Active Closure (2037-2043): Max	1460	2.18	2.34	0.0855	983	0.0642	291	0.00113	0.00113	0.000021	0.00515	0.00181	0.082	0.0157	0.0000071	54.2	0.0000345	0.000345	0.000382	0.00228
Post Closure (2044-2119): Min	99.3	0.0192	0.049	0.00221	16.5	0.0337	55.8	0.000967	0.000967	0.00000485	0.00338	0.000474	0.0186	0.00834	0.00000501	12.5	0.0000107	0.000105	0.000121	0.00103
Post Closure (2044-2119): Mean	116	0.0387	0.0558	0.00238	17.5	0.0373	62.2	0.000994	0.000994	0.00000499	0.005	0.000846	0.0225	0.0133	0.00000516	17.2	0.0000153	0.000179	0.000184	0.00114
Post Closure (2044-2119): Max	128	0.0562	0.0601	0.00249	18.4	0.0403	66.3	0.00102	0.00102	0.00000512	0.00618	0.00114	0.025	0.0176	0.0000053	21	0.0000182	0.000237	0.000239	0.00122
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	1170	0.489	1.47	0.0426	464	0.105	444	0.000641	0.000641	0.00000773	0.0082	0.00882	0.181	0.0258	0.0000311	58.8	0.0000541	0.00105	0.000691	0.00344
2026 Feb	1170	0.489	1.47	0.0425	463	0.105	444	0.000641	0.000641	0.00000773	0.0082	0.00881	0.181	0.0259	0.0000311	58.8	0.000054	0.00105	0.000691	0.00344
2026 Mar	1170	0.489	1.47	0.0425	463	0.105	444	0.000641	0.000641	0.00000773	0.0082	0.0114	0.181	0.0259	0.0000311	58.8	0.000054	0.00105	0.000692	0.00344
2026 Apr	1180	0.49	1.47	0.0426	464	0.105	445	0.000643	0.000643	0.00000774	0.00822	0.0235	0.181	0.026	0.0000312	58.9	0.0000541	0.00105	0.000694	0.00344
2026 May	1190	0.495	1.49	0.0431	469	0.106	450	0.000647	0.000647	0.00000782	0.00829	0.026	0.183	0.0262	0.0000315	59.6	0.0000547	0.00106	0.000701	0.00348
2026 Jun	5270	6.3	52.2	0.5	2270	0.207	1250	0.00041	0.00041	0.00000823	0.00954	0.0119	0.388	0.0282	0.0000392	212	0.0000911	0.00651	0.00102	0.00585
2026 Jul	6700	8.26	69.1	0.655	2900	0.249	1550	0.000315	0.000315	0.00000864	0.0101	0.013	0.469	0.0304	0.0000438	266	0.000105	0.00838	0.00117	0.00687
2026 Aug	9740	13.1	112	1.03	4260	0.314	2050	0.000267	0.000267	0.00000829	0.0108	0.0151	0.58	0.0312	0.000042	381	0.000118	0.0128	0.00126	0.00796
2026 Sep	11600	16.1	139	1.26	5100	0.352	2360	0.000241	0.000241	0.00000797	0.0113	0.0174	0.645	0.0313	0.0000401	452	0.000126	0.0155	0.0013	0.00857
2026 Oct	11100	15.3	132	1.2	4860	0.339	2250	0.000282	0.000282	0.00000793	0.0113	0.0157	0.617	0.031	0.0000389	431	0.000121	0.0148	0.00126	0.00826
2026 Nov	11000	15.2	131	1.19	4810	0.336	2230	0.000292	0.000292	0.00000792	0.0113	0.0155	0.611	0.0309	0.0000386	427	0.00012	0.0146	0.00124	0.00819
2026 Dec	10900	15.2	130	1.19	4800	0.335	2220	0.000294	0.000294	0.00000792	0.0113	0.0155	0.61	0.0309	0.0000386	426	0.00012	0.0146	0.00124	0.00818
2027 Jan	31100	49.2	117	1.26	19700	0.194	2740	0.00234	0.00234	0.000221	0.0151	0.0151	0.904	0.17	0.0000522	1070	0.000285	0.00828	0.00504	0.00593
2027 Feb	45000	72.5	109	1.3	29900	0.0974	3100	0.00373	0.00373	0.000368	0.0177	0.0149	1.11	0.265	0.0000615	1520	0.000398	0.00396	0.00764	0.00439
2027 Mar	49200	79.6	106	1.32	33000	0.0682	3200	0.00416	0.00416	0.000412	0.0184	0.0148	1.17	0.293	0.0000644	1650	0.000432	0.00266	0.00843	0.00393
2027 Apr	51400	83.3	105	1.33	34600	0.0534	3260	0.00438	0.00438	0.000435	0.0189	0.0148	1.2	0.308	0.0000659	1720	0.00045	0.002	0.00885	0.00369
2027 May	52700	85.6	104	1.33	35600	0.0449	3300	0.00452	0.00452	0.000449	0.0192	0.0157	1.22	0.318	0.000067	1770	0.000461	0.00161	0.0091	0.00357
2027 Jun	35200	56.2	111	1.23	22800	0.156	2800	0.0028	0.0028	0.000268	0.0158	0.0155	0.958	0.2	0.0000552	1210	0.00032	0.00649	0.00586	0.0053
2027 Jul	43500	70	123	1.4	28600	0.132	3180	0.00348	0.00348	0.000343	0.0174	0.0166	1.11	0.249	0.0000593	1480	0.000383	0.00598	0.00723	0.00495
2027 Aug	38600	61.7	107	1.23	25200	0.136	2910	0.00311	0.00311	0.000304	0.0165	0.0153	1.02	0.224	0.0000594	1310	0.000349	0.00534	0.00653	0.00509
2027 Sep	35900	57.1	147	1.53	22600	0.219	3160	0.00256	0.00256	0.000249	0.0159	0.017	1.02	0.188	0.0000516	1240	0.000314	0.0106	0.00558	0.0063
2027 Oct	41800	67.1	105	1.24	27600	0.111	2970	0.00345	0.00345	0.000338	0.0171	0.0146	1.06	0.246	0.000061	1420	0.000375	0.00429	0.00713	0.00467
2027 Nov	47400	76.6	97.7	1.24	31800	0.0657	3090	0.00404	0.00404	0.0004	0.0181	0.0142	1.13	0.286	0.000065	1590	0.000421	0.00214	0.00822	0.00393
2027 Dec	50300	81.6	98.1	1.26	34000	0.0487	3180	0.00433	0.00433	0.000429	0.0187	0.0143	1.18	0.305	0.0000665	1690	0.000444	0.00148	0.00874	0.00365
2028 Jan	51400	88.4	103	1.6	34700	0.0383	3190	0.00451	0.00451	0.000448	0.019	0.0155	1.19	0.312	0.0000674	1720	0.000459	0.0011	0.00908	0.00347
2028 Feb	51400	95.5	108	2.06	34800	0.0316	3160	0.00462	0.00462	0.00046	0.0193	0.017	1.18	0.312	0.000068	1720	0.000469	0.000856	0.00929	0.00336
2028 Mar	51400	99.9	112	2.34	34800	0.0275	3140	0.00469	0.00469	0.000468	0.0194	0.0179	1.18	0.313	0.0000684	1720	0.000475	0.000705	0.00943	0.00329
2028 Apr	51500	103	115	2.54	34900	0.0247	3130	0.00475	0.00475	0.000473	0.0195	0.0186	1.17	0.313	0.0000687	1720	0.000479	0.000601	0.00953	0.00325
2028 May	51600	105	117	2.69	35000	0.0227	3130	0.00479	0.00479	0.000478	0.0196	0.0193	1.17	0.314	0.000069	1730	0.000483	0.000527	0.00961	0.00322
2028 Jun	44000	91.1	109	2.46	29600	0.0548	2830	0.0041	0.0041	0.000404	0.0181	0.0192	1.05	0.267	0.0000647	1480	0.000422	0.00163	0.00826	0.0037
2028 Jul	45600	103	119	3.07	30700	0.0452	2880	0.00436	0.00436	0.000432	0.0187	0.0215	1.07	0.276	0.0000667	1530	0.000446	0.0013	0.00879	0.00359
2028 Aug	45000	102	123	3.14	30300	0.0536	2890	0.00429	0.00429	0.000426	0.0186	0.0218	1.07	0.272	0.0000663	1510	0.000442	0.00175	0.00868	0.00374
2028 Sep	36400	81	116	2.61	24000	0.109	2650	0.00335	0.00335	0.000328	0.0168	0.0194	0.942	0.215	0.0000612	1240	0.000366	0.00389	0.00694	0.00466
2028 Oct	34900	77.9	108	2.49	23100	0.0998	2500	0.00329	0.00329	0.000317	0.0165	0.0176	0.896	0.208	0.0000586	1180	0.000351	0.0034	0.00669	0.00436
2028 Nov	43600	99.4	117	3.04	29400	0.0498	2780	0.0042	0.0042	0.000414	0.0183	0.0198	1.03	0.264	0.0000647	1460	0.00043	0.00145	0.00844	0.0036
2028 Dec	46300	106	121	3.22	31300	0.0359	2880	0.00448	0.00448	0.000444	0.0189	0.0206	1.07	0.282	0.0000665	1550	0.000454	0.000967	0.00898	0.00339
2029 Jan	47400	113	126	3.36	32100	0.0289	2910	0.00462	0.00462	0.000459	0.0192	0.0229	1.09	0.288	0.0000675	1590	0.000466	0.00072	0.00926	0.00328
2029 Feb	47700	121	133	3.49	32400	0.0248	2910	0.0047	0.0047	0.000468	0.0194	0.0258	1.09	0.291	0.000068	1600	0.000474	0.000577	0.00942	0.00322
2029 Mar	48000	125	138	3.57	32500	0.0221	2910	0.00475	0.00475	0.000474	0.0195	0.0277	1.09	0.292	0.0000684	1610	0.000478	0.000485	0.00952	0.00318
2029 Apr	48100	129	141	3.63	32700	0.0203	2910	0.00479	0.00479	0.000478	0.0196	0.029	1.09	0.293	0.0000686	1610	0.000482	0.000419	0.0096	0.00315
2029 May	48300	132	144	3.68	32800	0.0189	2910	0.00483	0.00483	0.000481	0.0197	0.0301	1.1	0.294	0.0000689	1620	0.000485	0.000372	0.00966	0.00314
2029 Jun	43700	119	143	3.4	29400	0.053	2810	0.00431	0.00431	0.000425	0.0186	0.0299	1.03	0.262	0.0000644	1470	0.00044	0.00203	0.00864	0.00362
2029 Jul	34700	99.3	125	2.8	23100	0.0878	2440	0.00345	0.00345	0.000335	0.0168	0.0277	0.887	0.21	0.0000619	1180	0.000368	0.00262	0.00705	0.00428
2029 Aug	36800	107	137	3.01	24400	0.0924	2590	0.0036	0.0036	0.000354	0.0172	0.0299	0.932	0.219	0.0000628	1250	0.000386	0.00315	0.0074	0.00439
2029 Sep	38900	112	151	3.22	25700	0.0981	2740	0.00374	0.00374	0.00037	0.0177	0.0314	0.975	0.228	0.0000624	1320	0.000401	0.00394	0.0077	0.00445
2029 Oct	41200	122	138	3.33	27800	0.0476	2630	0.00418	0.00418	0.000414	0.0183	0.032	0.983	0.252	0.0000666	1390	0.000431	0.00106	0.00846	0.00366
2029 Nov	39000	116	127	3.13	26400	0.0466	2490	0.00401	0.00401	0.000395	0.0178	0.0301	0.939	0.242	0.0000659	1310	0.000413	0.000659	0.0081	0.00364
2029 Dec	42100	126	137	3.39	28500	0.0351	2620	0.00432	0.00432	0.000427	0.0185	0.0321	0.989	0.259	0.0000671	1410	0.00044	0.00047	0.00869	0.00343
2030 Jan	43200	126	137	3.47	29300	0.0286	2660	0.0045	0.0045	0.000446	0.0189	0.0339	1	0.265	0.0000679	1450	0.000455	0.000363	0.00903	0.00332
2030 Feb	43400	122	132	3.46	29500	0.0245	2650	0.0046	0.0046	0.000458	0.0191	0.0356	0.999	0.266	0.0000683	1450	0.000465	0.000297	0.00924	0.00325
2030 Mar	43500	120	130	3.46	29500	0.0219	2640	0.00468	0.00468	0.000465	0.0193	0.0367	0.997	0.266	0.0000686	1460	0.000471	0.000255	0.00938	0.00321
2030 Apr	43600	118	128	3.46	29600	0.0201	2640	0.00473	0.00473	0.000471	0.0194	0.0375	0.995	0.267	0.0000688	1460	0.000476	0.000225	0.00947	0.00317
2030 May	43700	117	126	3.46	29700	0.0188	2640	0.00477	0.00477	0.000476	0.0195	0.0387	0.996	0.268	0.0000691	1460	0.00048	0.000203	0.00956	0.00316
2030 Jun	40700	107	122	3.23	27500	0.0375	2550	0.00444	0.00444	0.00044	0.0188	0.0373	0.951	0.248	0.0000668	1370	0.000451	0.000997	0.00891	0.00343
2030 Jul	34200	83.6	119	2.77	22500	0.102	2480	0.0036	0.0036	0.000354	0.0174	0.0334	0.879	0.201	0.0000622	1160	0.000387	0.0039	0.00741	0.00452
2030 Aug	38200	92.5	115	3.03	25600	0.0611	2520	0.0042	0.0042	0.000417	0.0185	0.0377	0.919	0.229	0.0000656	1290	0.000436	0.00216	0.00853	0.00385
2030 Sep	39400	95.9	115	3.11	26500	0.0496	2530	0.00437	0.00437	0.000435	0.0188	0.0388	0.933	0.237	0.0000667	1320	0.00045	0.00165	0.00885	0.00366
2030 Oct	37900	92.5	106	2.98	25600	0.0458	2430	0.00427	0.00427	0.000423	0.0185	0.0369	0.904	0.231	0.000067	1280	0.000438	0.0011	0.00863	0.00363
2030 Nov	39100	95.9	105	3.06	26500	0.0329	2430	0.00444	0.00444	0.000441	0.0188	0.0377	0.915	0.24	0.0000679	1310	0.000452	0.000535	0.00894	0.00341
2030 Dec	40800	100	109	3.19	27700	0.0249	2500	0.00463	0.00463	0.000461	0.0192	0.0391	0.94	0.25	0.0000686	1370	0.000468	0.000369	0.00931	0.00326
2031 Jan	41800	96.3	105	3.14	28400	0.0205	2540	0.00474	0.00474	0.000473	0.0194	0.041	0.955	0.256	0.000069	1400	0.000478	0.000279	0.00951	0.00319

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	42500	89.1	96.5	3.01	28800	0.0179	2560	0.00481	0.00481	0.000479	0.0196	0.043	0.966	0.26	0.0000692	1420	0.000483	0.000224	0.00963	0.00314
2031 Mar	42900	84.8	91.8	2.93	29100	0.0164	2580	0.00484	0.00484	0.000483	0.0197	0.0442	0.972	0.262	0.0000694	1430	0.000486	0.000192	0.0097	0.00311
2031 Apr	43200	81.9	88.6	2.88	29300	0.0153	2590	0.00487	0.00487	0.000487	0.0197	0.0453	0.977	0.264	0.0000695	1440	0.000489	0.00017	0.00976	0.00309
2031 May	43300	79.7	86	2.84	29400	0.0151	2600	0.00488	0.00488	0.000487	0.0198	0.0465	0.979	0.264	0.0000697	1450	0.00049	0.000161	0.00978	0.0031
2031 Jun	41200	73.6	84	2.68	27900	0.0293	2540	0.00462	0.00462	0.000459	0.0192	0.0447	0.95	0.251	0.0000679	1380	0.000467	0.00075	0.00926	0.00331
2031 Jul	40400	68	81.8	2.56	27200	0.0419	2560	0.00449	0.00449	0.000446	0.0191	0.0446	0.948	0.245	0.0000678	1360	0.000458	0.00126	0.00905	0.00356
2031 Aug	37000	56	89.1	2.32	24500	0.0904	2600	0.00392	0.00392	0.000388	0.0181	0.0419	0.922	0.217	0.0000633	1260	0.000415	0.00374	0.00802	0.00431
2031 Sep	33400	50.3	108	2.23	21500	0.148	2660	0.00329	0.00329	0.000323	0.017	0.0377	0.894	0.185	0.0000575	1140	0.000367	0.00685	0.00686	0.00517
2031 Oct	36500	55.1	81.7	2.26	24300	0.0784	2500	0.00394	0.00394	0.000388	0.018	0.0409	0.9	0.217	0.0000631	1240	0.000412	0.00298	0.008	0.00408
2031 Nov	40700	61.6	73.9	2.44	27500	0.0366	2550	0.00453	0.00453	0.00045	0.0191	0.0453	0.947	0.247	0.0000671	1370	0.00046	0.00109	0.0091	0.00342
2031 Dec	42100	63.8	73.4	2.5	28500	0.0268	2580	0.0047	0.0047	0.000468	0.0194	0.0467	0.966	0.256	0.0000681	1410	0.000475	0.000711	0.00943	0.00326
2032 Jan	42800	64.8	73.1	2.54	29000	0.0221	2600	0.00479	0.00479	0.000477	0.0196	0.0474	0.975	0.26	0.0000686	1430	0.000482	0.000527	0.00959	0.00319
2032 Feb	43200	65.4	73	2.56	29300	0.0193	2610	0.00483	0.00483	0.000482	0.0197	0.0478	0.98	0.263	0.0000689	1440	0.000486	0.000421	0.00968	0.00315
2032 Mar	43400	65.8	72.9	2.57	29500	0.0176	2620	0.00486	0.00486	0.000486	0.0197	0.048	0.983	0.264	0.0000691	1450	0.000488	0.000355	0.00974	0.00312
2032 Apr	43600	66.1	72.8	2.58	29600	0.0164	2620	0.00489	0.00489	0.000488	0.0198	0.0482	0.986	0.265	0.0000693	1460	0.00049	0.000308	0.00978	0.0031
2032 May	43800	66.3	72.9	2.59	29700	0.0157	2630	0.00491	0.00491	0.00049	0.0198	0.0488	0.989	0.267	0.0000695	1460	0.000492	0.000276	0.00982	0.00309
2032 Jun	41000	62	73.8	2.45	27700	0.0332	2550	0.00457	0.00457	0.000453	0.0191	0.0461	0.948	0.248	0.000067	1370	0.000462	0.00101	0.00915	0.00334
2032 Jul	37100	56.1	81.4	2.29	24700	0.0717	2510	0.00402	0.00402	0.000396	0.018	0.042	0.905	0.221	0.0000636	1250	0.000418	0.0028	0.00814	0.00394
2032 Aug	37400	56.5	96	2.37	24600	0.0994	2660	0.0039	0.0039	0.000386	0.0181	0.0421	0.933	0.216	0.0000623	1270	0.000415	0.00447	0.00799	0.00441
2032 Sep	41100	62.2	75.6	2.46	27700	0.0388	2580	0.00455	0.00455	0.000453	0.0191	0.0462	0.958	0.248	0.0000675	1380	0.000463	0.00123	0.00916	0.00348
2032 Oct	42400	64.2	70.9	2.5	28700	0.022	2580	0.00475	0.00475	0.000474	0.0195	0.0472	0.969	0.259	0.0000691	1420	0.000479	0.000386	0.00953	0.00322
2032 Nov	43100	65.3	70.8	2.54	29300	0.0164	2590	0.00484	0.00484	0.000483	0.0197	0.0478	0.977	0.263	0.0000694	1440	0.000486	0.000189	0.0097	0.00311
2032 Dec	43100	65.3	70.5	2.54	29300	0.0155	2590	0.00485	0.00485	0.000484	0.0197	0.0477	0.976	0.263	0.0000693	1440	0.000486	0.000157	0.0097	0.00309
2033 Jan	43500	65.9	71.1	2.56	29500	0.014	2600	0.00489	0.00489	0.000488	0.0198	0.0481	0.982	0.266	0.0000695	1450	0.00049	0.00013	0.00978	0.00306
2033 Feb	43700	66.2	71.4	2.57	29700	0.0131	2610	0.00491	0.00491	0.000491	0.0198	0.0483	0.986	0.267	0.0000696	1460	0.000492	0.000115	0.00983	0.00305
2033 Mar	43800	66.5	71.6	2.58	29800	0.0126	2620	0.00493	0.00493	0.000492	0.0198	0.0485	0.988	0.268	0.0000697	1470	0.000494	0.000105	0.00986	0.00304
2033 Apr	44000	66.7	71.8	2.59	29900	0.0122	2620	0.00494	0.00494	0.000494	0.0199	0.0486	0.99	0.268	0.0000698	1470	0.000495	0.0000981	0.00989	0.00304
2033 May	43500	66	71	2.56	29600	0.0132	2600	0.0049	0.0049	0.000489	0.0198	0.0486	0.982	0.266	0.0000695	1460	0.000491	0.00011	0.0098	0.00305
2033 Jun	40400	61.1	71.1	2.4	27300	0.0322	2510	0.00452	0.00452	0.000448	0.0189	0.0455	0.937	0.246	0.0000672	1350	0.000457	0.00084	0.00906	0.00334
2033 Jul	40000	60.5	80.6	2.43	26800	0.0536	2590	0.00437	0.00437	0.000434	0.0188	0.045	0.947	0.24	0.000066	1350	0.000449	0.00207	0.00883	0.00369
2033 Aug	40500	61.2	79.6	2.45	27200	0.0513	2610	0.00444	0.00444	0.000441	0.0191	0.0456	0.957	0.243	0.0000672	1360	0.000456	0.00186	0.00897	0.0037
2033 Sep	35000	52.8	99.8	2.27	22800	0.122	2630	0.00357	0.00357	0.000352	0.0175	0.0395	0.906	0.199	0.00006	1190	0.000389	0.00546	0.00739	0.00478
2033 Oct	29100	43.5	56.1	1.74	19400	0.0792	2060	0.00328	0.00328	0.000316	0.0162	0.0335	0.762	0.181	0.0000612	990	0.000347	0.0017	0.00666	0.00411
2033 Nov	37200	56.2	63.8	2.2	25200	0.0403	2360	0.0042	0.0042	0.000414	0.0182	0.0417	0.885	0.229	0.0000658	1250	0.000428	0.000711	0.00844	0.00348
2033 Dec	39800	60.2	66.8	2.35	27000	0.0297	2460	0.00448	0.00448	0.000444	0.0188	0.0443	0.924	0.244	0.0000673	1330	0.000453	0.000481	0.00899	0.00331
2034 Jan	41000	62.1	68.3	2.42	27800	0.0245	2510	0.00462	0.00462	0.000459	0.0192	0.0456	0.944	0.251	0.000068	1370	0.000466	0.000371	0.00925	0.00323
2034 Feb	41700	63.2	69.1	2.46	28300	0.0216	2530	0.00469	0.00469	0.000467	0.0193	0.0463	0.955	0.255	0.0000684	1400	0.000473	0.000309	0.0094	0.00318
2034 Mar	42200	63.9	69.7	2.49	28600	0.0197	2550	0.00475	0.00475	0.000473	0.0194	0.0468	0.962	0.258	0.0000687	1410	0.000477	0.000267	0.0095	0.00315
2034 Apr	42500	64.4	70.1	2.51	28900	0.0183	2570	0.00479	0.00479	0.000477	0.0195	0.0471	0.968	0.26	0.0000689	1420	0.000481	0.000237	0.00958	0.00313
2034 May	42700	64.6	70.2	2.52	29000	0.0177	2570	0.0048	0.0048	0.000478	0.0196	0.0478	0.97	0.261	0.000069	1430	0.000482	0.000221	0.00961	0.00313
2034 Jun	40600	61.5	72	2.42	27500	0.0326	2520	0.00454	0.00454	0.00045	0.019	0.0457	0.941	0.247	0.0000671	1360	0.000459	0.00089	0.00911	0.00334
2034 Jul	39600	59.9	82	2.42	26500	0.0587	2590	0.00431	0.00431	0.000428	0.0187	0.0445	0.943	0.236	0.0000655	1330	0.000444	0.00232	0.00872	0.00377
2034 Aug	40900	61.9	82.5	2.49	27400	0.0532	2640	0.00447	0.00447	0.000444	0.0191	0.0459	0.965	0.244	0.0000668	1380	0.000458	0.00209	0.00902	0.00371
2034 Sep	33600	50.6	101	2.21	21800	0.134	2600	0.00338	0.00338	0.000332	0.0171	0.038	0.888	0.189	0.0000586	1150	0.000373	0.00598	0.00703	0.00495
2034 Oct	34900	52.6	70.3	2.11	23300	0.0666	2350	0.00386	0.00386	0.000378	0.0176	0.0393	0.86	0.212	0.000063	1180	0.000401	0.002	0.00779	0.00387
2034 Nov	40600	61.4	70.4	2.41	27500	0.0305	2510	0.00455	0.00455	0.000452	0.019	0.0451	0.94	0.248	0.0000672	1360	0.00046	0.0007	0.00912	0.00331
2034 Dec	42100	63.7	71.1	2.49	28500	0.0228	2560	0.00472	0.00472	0.00047	0.0194	0.0466	0.961	0.257	0.0000683	1410	0.000475	0.00046	0.00945	0.00319
2035 Jan	42700	64.7	71.5	2.53	29000	0.0193	2580	0.0048	0.0048	0.000478	0.0196	0.0473	0.971	0.261	0.0000687	1430	0.000482	0.00035	0.0096	0.00314
2035 Feb	43100	65.3	71.7	2.55	29300	0.0174	2600	0.00484	0.00484	0.000483	0.0197	0.0477	0.977	0.263	0.000069	1440	0.000486	0.00029	0.00968	0.00311
2035 Mar	43300	65.7	71.8	2.56	29400	0.0161	2610	0.00487	0.00487	0.000486	0.0197	0.0479	0.981	0.264	0.0000692	1450	0.000488	0.000251	0.00974	0.00309
2035 Apr	43500	66	72	2.57	29600	0.0152	2610	0.00489	0.00489	0.000488	0.0198	0.0481	0.984	0.265	0.0000693	1460	0.00049	0.000222	0.00978	0.00308
2035 May	43700	66.2	72.1	2.58	29700	0.0148	2620	0.00491	0.00491	0.00049	0.0198	0.0486	0.987	0.266	0.0000695	1460	0.000492	0.000204	0.00982	0.00308
2035 Jun	40500	61.2	71.7	2.41	27300	0.0325	2510	0.00452	0.00452	0.000449	0.0189	0.0455	0.938	0.246	0.0000669	1360	0.000458	0.000892	0.00907	0.00332
2035 Jul	39800	60.3	77.3	2.41	26800	0.0478	2550	0.00439	0.00439	0.000435	0.0188	0.0449	0.939	0.24	0.0000662	1340	0.000449	0.0017	0.00885	0.00358
2035 Aug	37400	56.5	79.2	2.29	25000	0.0699	2520	0.00407	0.00407	0.000403	0.0183	0.0424	0.915	0.224	0.0000651	1270	0.000424	0.00251	0.00827	0.00399
2035 Sep	34200	51.6	114	2.3	22000	0.15	2720	0.00335	0.00335	0.000329	0.0172	0.0384	0.909	0.187	0.0000567	1170	0.000372	0.00725	0.00697	0.00517
2035 Oct	38900	58.7	81.5	2.38	26000	0.0642	2580	0.00422	0.00422	0.000419	0.0186	0.0434	0.935	0.232	0.0000652	1310	0.000438	0.00244	0.00856	0.00388
2035 Nov	39500	59.7	69.5	2.35	26700	0.0374	2480	0.00441	0.00441	0.000438	0.0188	0.044	0.927	0.241	0.0000672	1330	0.00045	0.000876	0.00888	0.00345
2035 Dec	41300	62.5	70.5	2.44	28000	0.0275	2540	0.00462	0.00462	0.00046	0.0192	0.0459	0.952	0.252	0.0000682	1380	0.000468	0.000579	0.00928	0.00329
2036 Jan	42100	63.8	71	2.49	28600	0.0228	2570	0.00472	0.00472	0.000471	0.0194	0.0467	0.964	0.257	0.0000686	1410	0.000476	0.00044	0.00947	0.00321
2036 Feb	42600	64.6	71.3	2.52	28900	0.0201	2580	0.00478	0.00478	0.000477	0.0195	0.0472	0.971	0.26	0.0000689	1430	0.000481	0.000361	0.00958	0.00317
2036 Mar	42900	65.1	71.5	2.54	29100	0.0184	2590	0.00482	0.00482	0.000481	0.0196	0.0475	0.976	0.262	0.0000691	1440	0.000484	0.00031	0.00965	0.00314
2036 Apr	43200	65.4	71.7	2.55	29300	0.0172	2600	0.00485	0.00485	0.000484	0.0197	0.048	0.979	0.263	0.0000693	1440	0.000487	0.000274	0.00971	0.00312
2036 May	43400	65.8	71.9	2.56	29500	0.0165	2610	0.00487	0.00487	0.000486	0.0198	0.0487	0.983	0.265	0.0000695	1450	0.000489	0.000249	0.00976	0.00311
2036 Jun	41300	62.5	73.2	2.46	27900	0.0318	2560	0.0046	0.0046	0.000457	0.0192	0.0464	0.954	0.251	0.0000676	1380	0.000466	0.000916	0.00923	0.00334
2036 Jul	39900	60.4	83.3	2.44	26700	0.0604	2610	0.00434	0.00434	0.00043	0.0188	0.0449	0.951	0.237	0.0000655	1340	0.000447	0.0025	0.00877	0.00379
2036 Aug	39500	59.8	83.2	2.42	26500	0.0657	2610	0.00429	0.00429	0.000426	0.0188	0.0446	0.953	0.236	0.0000658	1330	0.000445	0.00264	0.0087	0.00392
2036 Sep	35800	54.1	93.5	2.28	23500	0.113	2600	0.00372	0.00372	0.000368	0.0178	0.0408	0.923	0.207	0.0000612	1220	0.000402	0.00509	0.00768	0.00466
2036 Oct	41100	62.4	94.4	2.56	27400	0.0763	2740	0.00438	0.00438	0.000437	0.0191	0.0457	0.989	0.24	0.0000638	1390	0.000455	0.00382	0.00889	0.004
2036 Nov	41300	62.6	84	2.52	27700	0.0547	2650	0.0045	0.0045	0.000448	0.0192	0.0458	0.974	0.246	0.0000657	1390	0.000461	0.00242	0.00908	0.00368
2036 Dec	44400	67.3	73	2.62	30200	0.0116	2640	0.00498	0.00498	0.000498	0.02	0.049	0.997	0.27	0.0000697	1480	0.000498	0.000154	0.00996	0.00302
2037 Jan	1460	2.18	2.34	0.0855	983	0.0255	88.2	0.00113	0.00113	0.000021	0.00314	0.00181	0.0352	0.0157	0.0000071	54.2	0.000021	0.0000999	0.000382	0.000873
2037 Feb	24.2	0.00552	0.00514	0.001	7.7	0.026	3.04	0.001	0.001	0.000005	0.00258	0.000239	0.00312	0.00736	0.000005	6.6	0.00000506	0.000103	0.0000648	0.000805
2037 Mar	24.4	0.00571	0.0052	0.001	7.75	0.026	3.06	0.001	0.001	0.00000501	0.00259	0.000243	0.00313	0.00746	0.00000501	6.68	0.00000509	0.000104	0.0000666	0.000807
2037 Apr	24.6	0.00585	0.00525	0.001	7.81	0.0261	3.08	0.001	0.001	0.00000502	0.00261	0.000246	0.00314	0.00756	0.00000502	6.76	0.00000513	0.000105	0.000068	0.000811
2037 May	306	0.0565	0.165	0.00533	48.4	0.051	192	0.000868	0.000868	0.00000441	0.00439	0.00115	0.0548	0.0137	0.00000494	29.6	0.0000248	0.000285	0.000285	0.00182
2037 Jun	448	0.076	0.247	0.0076	68.1	0.0642	291	0.000783	0.000783	0.00000401	0.00515	0.00149	0.082	0.013	0.00000483	38.6	0.0000345	0.000345	0.000332	0.00228

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	234	0.0394	0.125	0.00429	37.5	0.0453	146	0.000898	0.000898	0.00000454	0.00388	0.000844	0.0424	0.00959	0.00000495	22.1	0.0000197	0.000218	0.000187	0.00153
2037 Aug	177	0.03	0.0926	0.00341	29.5	0.0404	108	0.00093	0.00093	0.00000469	0.00358	0.000675	0.0321	0.00888	0.00000498	17.8	0.0000156	0.000171	0.000156	0.00132
2037 Sep	150	0.0259	0.0768	0.00298	25.8	0.038	89	0.000944	0.000944	0.00000475	0.00349	0.000591	0.0273	0.00864	0.000005	15.9	0.0000136	0.000137	0.000146	0.0012
2037 Oct	148	0.0264	0.0755	0.00294	25.5	0.038	87.5	0.000943	0.000943	0.00000474	0.00351	0.000583	0.027	0.00861	0.00000498	15.7	0.0000135	0.000129	0.000146	0.0012
2037 Nov	150	0.0268	0.0763	0.00296	25.8	0.0381	88.5	0.000942	0.000942	0.00000474	0.00353	0.000588	0.0273	0.00862	0.00000498	15.8	0.0000136	0.00013	0.000146	0.0012
2037 Dec	150	0.0268	0.0763	0.00296	25.8	0.0381	88.5	0.000942	0.000942	0.00000474	0.00353	0.000588	0.0273	0.00863	0.00000499	15.8	0.0000136	0.00013	0.000146	0.0012
2038 Jan	150	0.0268	0.0763	0.00296	25.8	0.0381	88.5	0.000942	0.000942	0.00000474	0.00353	0.000588	0.0273	0.00863	0.00000499	15.8	0.0000136	0.00013	0.000146	0.0012
2038 Feb	150	0.0268	0.0763	0.00296	25.8	0.0381	88.5	0.000942	0.000942	0.00000474	0.00353	0.000588	0.0273	0.00863	0.00000499	15.9	0.0000136	0.00013	0.000146	0.0012
2038 Mar	150	0.0268	0.0763	0.00296	25.8	0.0381	88.5	0.000942	0.000942	0.00000474	0.00353	0.000588	0.0273	0.00863	0.00000499	15.9	0.0000136	0.00013	0.000146	0.0012
2038 Apr	150	0.0268	0.0763	0.00296	25.8	0.0382	88.5	0.000943	0.000943	0.00000474	0.00353	0.000588	0.0273	0.00863	0.00000499	15.9	0.0000136	0.00013	0.000146	0.0012
2038 May	154	0.0275	0.0784	0.00302	26.2	0.0385	91	0.000942	0.000942	0.00000474	0.00356	0.000602	0.028	0.00876	0.00000499	16.2	0.0000139	0.000133	0.00015	0.00122
2038 Jun	171	0.0308	0.0887	0.00329	28.2	0.0399	103	0.000929	0.000929	0.00000468	0.00365	0.000666	0.0312	0.00924	0.00000496	17.7	0.0000152	0.000151	0.000164	0.00128
2038 Jul	152	0.0274	0.078	0.003	25.5	0.0382	90.2	0.000944	0.000944	0.00000475	0.00353	0.00061	0.0276	0.00897	0.000005	16.3	0.0000139	0.000145	0.00015	0.00123
2038 Aug	142	0.0256	0.0722	0.00285	24	0.0375	83.3	0.000953	0.000953	0.00000479	0.00347	0.000579	0.0258	0.00881	0.00000502	15.5	0.0000132	0.000137	0.000144	0.00119
2038 Sep	136	0.0247	0.0686	0.00275	23.1	0.0369	79.1	0.000955	0.000955	0.0000048	0.00346	0.000558	0.0247	0.00871	0.00000502	15	0.0000127	0.000127	0.000142	0.00116
2038 Oct	134	0.0246	0.0676	0.00272	22.9	0.0368	78	0.000955	0.000955	0.0000048	0.00346	0.000551	0.0244	0.00868	0.00000501	14.9	0.0000126	0.000123	0.000141	0.00115
2038 Nov	134	0.0247	0.0677	0.00273	22.9	0.0368	78.2	0.000955	0.000955	0.0000048	0.00346	0.000552	0.0245	0.00868	0.00000501	14.9	0.0000126	0.000123	0.000141	0.00115
2038 Dec	134	0.0247	0.0677	0.00273	22.9	0.0368	78.2	0.000955	0.000955	0.0000048	0.00346	0.000552	0.0245	0.00868	0.00000501	14.9	0.0000126	0.000123	0.000141	0.00115
2039 Jan	134	0.0247	0.0677	0.00273	22.9	0.0368	78.2	0.000955	0.000955	0.0000048	0.00346	0.000552	0.0245	0.00868	0.00000501	14.9	0.0000126	0.000123	0.000141	0.00115
2039 Feb	134	0.0247	0.0677	0.00273	22.9	0.0368	78.2	0.000955	0.000955	0.0000048	0.00346	0.000552	0.0245	0.00869	0.00000501	14.9	0.0000126	0.000123	0.000141	0.00115
2039 Mar	134	0.0247	0.0677	0.00273	22.9	0.0369	78.2	0.000955	0.000955	0.0000048	0.00346	0.000552	0.0245	0.00869	0.00000501	14.9	0.0000126	0.000123	0.000141	0.00115
2039 Apr	134	0.0247	0.0678	0.00273	22.9	0.0369	78.2	0.000955	0.000955	0.0000048	0.00346	0.000553	0.0245	0.00869	0.00000502	14.9	0.0000126	0.000123	0.000141	0.00115
2039 May	135	0.0248	0.068	0.00274	23	0.0369	78.5	0.000956	0.000956	0.00000481	0.00347	0.000554	0.0246	0.0087	0.00000502	14.9	0.0000126	0.000123	0.000142	0.00116
2039 Jun	141	0.0257	0.072	0.00285	23.4	0.0374	83.3	0.000948	0.000948	0.00000477	0.00355	0.000577	0.0259	0.00866	0.000005	15.4	0.0000133	0.00013	0.000143	0.00118
2039 Jul	146	0.0261	0.0753	0.00293	23.5	0.0378	87.3	0.000942	0.000942	0.00000474	0.00356	0.000591	0.0269	0.00854	0.00000498	15.7	0.0000137	0.000136	0.000142	0.00119
2039 Aug	141	0.0253	0.0729	0.00287	22.9	0.0375	84.5	0.000945	0.000945	0.00000475	0.00353	0.00058	0.0262	0.00849	0.00000499	15.3	0.0000134	0.000132	0.000139	0.00118
2039 Sep	135	0.0244	0.0694	0.00277	22.1	0.037	80.3	0.000949	0.000949	0.00000477	0.00351	0.000562	0.0251	0.00845	0.00000499	14.9	0.0000129	0.000125	0.000137	0.00115
2039 Oct	133	0.0241	0.0681	0.00274	21.8	0.0368	78.8	0.00095	0.00095	0.00000477	0.0035	0.000554	0.0247	0.00844	0.00000499	14.8	0.0000128	0.000122	0.000137	0.00115
2039 Nov	133	0.0241	0.0681	0.00274	21.8	0.0368	78.8	0.00095	0.00095	0.00000478	0.0035	0.000555	0.0247	0.00844	0.00000499	14.8	0.0000128	0.000122	0.000137	0.00115
2039 Dec	133	0.0242	0.0681	0.00274	21.8	0.0368	78.8	0.00095	0.00095	0.00000478	0.0035	0.000555	0.0247	0.00844	0.00000499	14.8	0.0000128	0.000122	0.000137	0.00115
2040 Jan	133	0.0242	0.0681	0.00274	21.8	0.0368	78.8	0.00095	0.00095	0.00000478	0.0035	0.000555	0.0247	0.00844	0.00000499	14.8	0.0000128	0.000122	0.000137	0.00115
2040 Feb	133	0.0242	0.0681	0.00274	21.8	0.0368	78.8	0.00095	0.00095	0.00000478	0.0035	0.000555	0.0247	0.00844	0.00000499	14.8	0.0000128	0.000122	0.000137	0.00115
2040 Mar	133	0.0242	0.0682	0.00274	21.8	0.0368	78.8	0.00095	0.00095	0.00000478	0.0035	0.000555	0.0247	0.00844	0.00000499	14.8	0.0000128	0.000122	0.000137	0.00115
2040 Apr	133	0.0242	0.0682	0.00274	21.8	0.0368	78.8	0.00095	0.00095	0.00000478	0.0035	0.000555	0.0247	0.00845	0.00000499	14.8	0.0000128	0.000122	0.000137	0.00115
2040 May	134	0.0243	0.0685	0.00275	21.9	0.0369	79.2	0.000951	0.000951	0.00000478	0.00351	0.000557	0.0248	0.00847	0.000005	14.8	0.0000128	0.000122	0.000137	0.00115
2040 Jun	139	0.0252	0.0715	0.00283	22.2	0.0373	82.8	0.000945	0.000945	0.00000475	0.00354	0.000575	0.0258	0.00856	0.00000498	15.2	0.0000132	0.000128	0.000141	0.00117
2040 Jul	135	0.0245	0.0696	0.00278	21.6	0.037	80.4	0.000949	0.000949	0.00000477	0.00351	0.000565	0.0251	0.0085	0.00000499	15	0.000013	0.000128	0.000137	0.00116
2040 Aug	131	0.0238	0.0674	0.00272	21.1	0.0367	77.8	0.000952	0.000952	0.00000479	0.00348	0.000553	0.0244	0.00846	0.000005	14.7	0.0000127	0.000125	0.000135	0.00115
2040 Sep	127	0.0232	0.0651	0.00266	20.6	0.0364	75.2	0.000954	0.000954	0.0000048	0.00347	0.000542	0.0237	0.00843	0.000005	14.4	0.0000124	0.00012	0.000134	0.00113
2040 Oct	125	0.0228	0.0638	0.00262	20.3	0.0361	73.6	0.000956	0.000956	0.0000048	0.00346	0.000534	0.0233	0.00842	0.000005	14.2	0.0000122	0.000118	0.000134	0.00112
2040 Nov	125	0.0229	0.0638	0.00262	20.3	0.0362	73.6	0.000956	0.000956	0.0000048	0.00346	0.000535	0.0233	0.00842	0.000005	14.3	0.0000122	0.000118	0.000134	0.00112
2040 Dec	125	0.0229	0.0638	0.00262	20.3	0.0362	73.6	0.000956	0.000956	0.0000048	0.00346	0.000535	0.0233	0.00842	0.000005	14.3	0.0000122	0.000118	0.000134	0.00112
2041 Jan	125	0.0229	0.0638	0.00262	20.3	0.0362	73.6	0.000956	0.000956	0.0000048	0.00346	0.000535	0.0233	0.00842	0.000005	14.3	0.0000122	0.000118	0.000134	0.00112
2041 Feb	125	0.0229	0.0638	0.00262	20.3	0.0362	73.6	0.000956	0.000956	0.0000048	0.00346	0.000535	0.0233	0.00842	0.000005	14.3	0.0000122	0.000118	0.000134	0.00112
2041 Mar	125	0.0229	0.0638	0.00262	20.3	0.0362	73.6	0.000956	0.000956	0.0000048	0.00346	0.000535	0.0233	0.00843	0.000005	14.3	0.0000122	0.000118	0.000134	0.00112
2041 Apr	125	0.0229	0.0638	0.00262	20.3	0.0362	73.6	0.000956	0.000956	0.0000048	0.00346	0.000535	0.0233	0.00843	0.00000501	14.3	0.0000123	0.000118	0.000134	0.00112
2041 May	125	0.023	0.0639	0.00263	20.4	0.0362	73.7	0.000957	0.000957	0.00000481	0.00347	0.000537	0.0234	0.00846	0.00000501	14.3	0.0000123	0.000118	0.000134	0.00112
2041 Jun	126	0.0231	0.0645	0.00264	20.3	0.0362	74.3	0.000954	0.000954	0.00000479	0.00348	0.000541	0.0235	0.00846	0.000005	14.4	0.0000124	0.00012	0.000134	0.00113
2041 Jul	126	0.023	0.0647	0.00264	20	0.0361	74.6	0.00095	0.00095	0.00000477	0.00347	0.000541	0.0236	0.00838	0.00000498	14.3	0.0000124	0.000122	0.000133	0.00113
2041 Aug	122	0.0224	0.0626	0.00259	19.5	0.0358	72.1	0.000955	0.000955	0.0000048	0.00345	0.000531	0.0229	0.00837	0.000005	14.1	0.0000122	0.00012	0.000131	0.00111
2041 Sep	119	0.0219	0.0606	0.00253	19.1	0.0356	69.8	0.000958	0.000958	0.00000481	0.00344	0.000521	0.0223	0.00836	0.000005	13.8	0.0000119	0.000116	0.00013	0.0011
2041 Oct	118	0.0217	0.0597	0.00251	19	0.0354	68.7	0.000958	0.000958	0.00000481	0.00344	0.000516	0.022	0.00836	0.000005	13.7	0.0000118	0.000114	0.00013	0.00109
2041 Nov	118	0.0218	0.0597	0.00251	19	0.0354	68.7	0.000958	0.000958	0.00000481	0.00344	0.000517	0.022	0.00836	0.000005	13.7	0.0000118	0.000114	0.00013	0.0011
2041 Dec	118	0.0218	0.0597	0.00251	19	0.0354	68.7	0.000958	0.000958	0.00000481	0.00344	0.000517	0.022	0.00836	0.000005	13.7	0.0000118	0.000114	0.00013	0.0011
2042 Jan	118	0.0218	0.0597	0.00251	19	0.0354	68.7	0.000958	0.000958	0.00000481	0.00344	0.000517	0.022	0.00836	0.000005	13.7	0.0000118	0.000114	0.00013	0.0011
2042 Feb	118	0.0218	0.0597	0.00251	19	0.0354	68.7	0.000958	0.000958	0.00000481	0.00344	0.000517	0.022	0.00836	0.000005	13.7	0.0000118	0.000114	0.00013	0.0011
2042 Mar	118	0.0218	0.0597	0.00251	19	0.0354	68.7	0.000959	0.000959	0.00000481	0.00344	0.000517	0.022	0.00836	0.000005	13.7	0.0000118	0.000114	0.00013	0.0011
2042 Apr	118	0.0218	0.0598	0.00251	19	0.0355	68.7	0.000959	0.000959	0.00000482	0.00344	0.000517	0.022	0.00837	0.000005	13.7	0.0000119	0.000114	0.00013	0.0011
2042 May	118	0.0218	0.0599	0.00252	19	0.0355	68.9	0.00096	0.00096	0.00000482	0.00345	0.000518	0.0221	0.00839	0.00000501	13.8	0.0000119	0.000115	0.00013	0.0011
2042 Jun	117	0.0217	0.0596	0.00251	18.8	0.0354	68.5	0.000958	0.000958	0.00000481	0.00345	0.000518	0.022	0.00836	0.000005	13.7	0.0000119	0.000115	0.000129	0.00109
2042 Jul	115	0.0212	0.0583	0.00247	18.4	0.0351	67	0.000958	0.000958	0.00000481	0.00343	0.000512	0.0215	0.00832	0.000005	13.5	0.0000117	0.000116	0.000127	0.00109
2042 Aug	112	0.0208	0.0568	0.00243	18.1	0.0349	65.1	0.000958	0.000958	0.00000481	0.00341	0.000506	0.021	0.0083	0.00000499	13.3	0.0000115	0.000114	0.000125	0.00108
2042 Sep	109	0.0205	0.0551	0.00238	17.7	0.0347	63.2	0.000959	0.000959	0.00000482	0.0034	0.000498	0.0205	0.00829	0.00000499	13.1	0.0000113	0.000111	0.000125	0.00106
2042 Oct	108	0.0203	0.0543	0.00236	17.6	0.0345	62.2	0.000959	0.000959	0.00000482	0.0034	0.000494	0.0203	0.00828	0.00000498	13.1	0.0000112	0.000109	0.000124	0.00106
2042 Nov	108	0.0204	0.0543	0.00236	17.6	0.0345	62.2	0.000959	0.000959	0.00000482	0.0034	0.000494	0.0203	0.00828	0.00000499	13.1	0.0000112	0.000109	0.000124	0.00106
2042 Dec	108	0.0204	0.0543	0.00236	17.6	0.0345	62.2	0.000959	0.000959	0.00000482	0.0034	0.000494	0.0203	0.00828	0.00000499	13.1	0.0000112	0.000109	0.000124	0.00106
2043 Jan	108	0.0204	0.0543	0.00236	17.6	0.0345	62.2	0.000959	0.000959	0.00000482	0.0034	0.000494	0.0203	0.00828	0.00000499	13.1	0.0000112	0.000109	0.000124	0.00106
2043 Feb	108	0.0204	0.0543	0.00236	17.6	0.0345	62.2	0.000959	0.000959	0.00000482	0.0034	0.000494	0.0203	0.00828	0.00000499	13.1	0.0000112	0.000109	0.000124	0.00106
2043 Mar	108	0.0204	0.0543	0.00236	17.6	0.0345	62.2	0.000959	0.000959	0.00000482	0.0034	0.000494	0.0203	0.00828	0.00000499	13.1	0.0000112	0.000109	0.000124	0.00106
2043 Apr	108	0.0204	0.0543	0.00236	17.6	0.0345	62.3	0.00096	0.00096	0.00000482	0.0034	0.000495	0.0203	0.00829	0.00000499	13.1	0.0000112	0.000109	0.000124	0.00106
2043 May	108	0.0204	0.0545	0.00236	17.6	0.0346	62.4	0.000961	0.000961	0.00000483	0.00341	0.000496	0.0203	0.00831	0.000005	13.1	0.0000112	0.00011	0.000125	0.00106
2043 Jun	107	0.0204	0.0539	0.00234	17.4	0.0344	61.7	0.000959	0.000959	0.00000482	0.0034	0.000496	0.0201	0.00834	0.00000498	13.1	0.0000112	0.000111	0.000125	0.00106
2043 Jul	105	0.0199	0.0525	0.00231	17.2	0.0343	60.1	0.000964	0.000964	0.00000484	0.00339	0.00049	0.0197	0.00834	0.000005	12.9	0.0000111	0.000111	0.000123	0.00105
2043 Aug	103	0.0196	0.0512	0.00228	16.9	0.0342	58.4	0.000969	0.000969	0.00000486	0.00339	0.000484	0.0193	0.00834	0.00000502	12.7	0.0000109	0.00011	0.000122	0.00105
2043 Sep	101	0.0192	0.0498	0.00224	16.7	0.0339	56.7	0.00097	0.00097	0.00000487	0.00338	0.000477	0.0188	0.00834	0.00000502	12.6	0.0000107	0.000107	0.000121	0.00104
2043 Oct	99.4	0.0191	0.049	0.00222	16.5	0.0338	55.9	0.000971	0.000971	0.00000487	0.00338	0.000474	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103
2043 Nov	99.4	0.0192	0.049	0.00222	16.5	0.0338	55.8	0.00097	0.00097	0.00000487	0.00338	0.000474	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	99.4	0.0192	0.049	0.00222	16.5	0.0338	55.8	0.00097	0.00097	0.00000487	0.00338	0.000474	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103
2044 Jan	99.4	0.0192	0.049	0.00222	16.5	0.0338	55.8	0.00097	0.00097	0.00000487	0.00338	0.000474	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103
2044 Feb	99.4	0.0192	0.049	0.00222	16.5	0.0338	55.8	0.00097	0.00097	0.00000487	0.00338	0.000474	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103
2044 Mar	99.4	0.0192	0.049	0.00222	16.5	0.0338	55.8	0.00097	0.00097	0.00000487	0.00338	0.000474	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103
2044 Apr	99.4	0.0192	0.049	0.00222	16.5	0.0338	55.9	0.000971	0.000971	0.00000487	0.00338	0.000474	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103
2044 May	99.5	0.0192	0.0491	0.00222	16.6	0.0339	55.9	0.000972	0.000972	0.00000488	0.00338	0.000475	0.0186	0.00835	0.00000503	12.5	0.0000107	0.000106	0.000121	0.00103
2044 Jun	99.3	0.0192	0.049	0.00221	16.5	0.0337	55.8	0.000967	0.000967	0.00000485	0.00339	0.000476	0.0186	0.00834	0.00000501	12.5	0.0000107	0.000106	0.000121	0.00103
2044 Jul	99.6	0.0193	0.0491	0.00222	16.5	0.0338	56	0.000969	0.000969	0.00000487	0.0034	0.000478	0.0187	0.00837	0.00000502	12.5	0.0000108	0.000106	0.000121	0.00103
2044 Aug	100	0.0194	0.0494	0.00223	16.6	0.034	56.2	0.000974	0.000974	0.00000489	0.00342	0.000481	0.0188	0.00841	0.00000504	12.6	0.0000108	0.000107	0.000122	0.00104
2044 Sep	100	0.0195	0.0494	0.00223	16.6	0.034	56.2	0.000973	0.000973	0.00000488	0.00342	0.000483	0.0188	0.00842	0.00000503	12.6	0.0000108	0.000107	0.000122	0.00104
2044 Oct	100	0.0196	0.0494	0.00223	16.6	0.034	56.2	0.000972	0.000972	0.00000488	0.00343	0.000483	0.0188	0.00842	0.00000503	12.6	0.0000108	0.000107	0.000122	0.00104
2044 Nov	100	0.0196	0.0494	0.00223	16.6	0.034	56.2	0.000972	0.000972	0.00000488	0.00343	0.000484	0.0188	0.00842	0.00000503	12.6	0.0000108	0.000107	0.000122	0.00104
2044 Dec	100	0.0196	0.0494	0.00223	16.6	0.034	56.2	0.000972	0.000972	0.00000488	0.00343	0.000484	0.0188	0.00842	0.00000503	12.6	0.0000108	0.000107	0.000122	0.00104
2045 Jan	100	0.0196	0.0494	0.00223	16.6	0.034	56.2	0.000972	0.000972	0.00000488	0.00343	0.000484	0.0188	0.00843	0.00000503	12.6	0.0000108	0.000107	0.000122	0.00104
2045 Feb	100	0.0196	0.0494	0.00223	16.6	0.034	56.2	0.000972	0.000972	0.00000488	0.00343	0.000484	0.0188	0.00843	0.00000503	12.6	0.0000108	0.000107	0.000122	0.00104
2045 Mar	100	0.0196	0.0494	0.00223	16.6	0.034	56.2	0.000972	0.000972	0.00000488	0.00343	0.000484	0.0188	0.00843	0.00000503	12.6	0.0000108	0.000107	0.000122	0.00104
2045 Apr	100	0.0196	0.0494	0.00223	16.6	0.034	56.2	0.000973	0.000973	0.00000488	0.00343	0.000484	0.0188	0.00843	0.00000503	12.6	0.0000108	0.000107	0.000122	0.00104
2045 May	100	0.0197	0.0494	0.00223	16.6	0.034	56.3	0.000974	0.000974	0.00000489	0.00344	0.000484	0.0188	0.00844	0.00000504	12.6	0.0000108	0.000107	0.000122	0.00104
2045 Jun	99.9	0.0196	0.0493	0.00222	16.5	0.0339	56.1	0.000972	0.000972	0.00000488	0.00345	0.000486	0.0188	0.00844	0.00000503	12.6	0.0000109	0.000108	0.000122	0.00103
2045 Jul	100	0.0197	0.0494	0.00223	16.5	0.034	56.2	0.000973	0.000973	0.00000488	0.00347	0.000488	0.0188	0.00846	0.00000504	12.6	0.000011	0.000108	0.000122	0.00104
2045 Aug	101	0.0197	0.0496	0.00224	16.6	0.0341	56.5	0.000976	0.000976	0.0000049	0.00348	0.000491	0.0189	0.00849	0.00000505	12.7	0.000011	0.000109	0.000122	0.00104
2045 Sep	101	0.0198	0.0496	0.00224	16.6	0.0341	56.5	0.000977	0.000977	0.0000049	0.00349	0.000492	0.0189	0.0085	0.00000505	12.7	0.000011	0.000109	0.000123	0.00104
2045 Oct	101	0.0199	0.0497	0.00224	16.6	0.0342	56.5	0.000977	0.000977	0.0000049	0.00349	0.000493	0.0189	0.00851	0.00000506	12.7	0.000011	0.000109	0.000123	0.00104
2045 Nov	101	0.0199	0.0497	0.00224	16.6	0.0342	56.6	0.000977	0.000977	0.0000049	0.00349	0.000493	0.0189	0.00851	0.00000506	12.7	0.000011	0.000109	0.000123	0.00104
2045 Dec	101	0.0199	0.0497	0.00224	16.6	0.0342	56.6	0.000977	0.000977	0.00000491	0.00349	0.000493	0.0189	0.00851	0.00000506	12.7	0.000011	0.000109	0.000123	0.00104
2046 Jan	101	0.0199	0.0497	0.00224	16.6	0.0342	56.6	0.000977	0.000977	0.00000491	0.00349	0.000493	0.0189	0.00851	0.00000506	12.7	0.000011	0.000109	0.000123	0.00104
2046 Feb	101	0.0199	0.0497	0.00224	16.6	0.0342	56.6	0.000977	0.000977	0.00000491	0.00349	0.000493	0.0189	0.00851	0.00000506	12.7	0.000011	0.000109	0.000123	0.00104
2046 Mar	101	0.0199	0.0497	0.00224	16.6	0.0342	56.6	0.000977	0.000977	0.00000491	0.00349	0.000493	0.0189	0.00851	0.00000506	12.7	0.000011	0.000109	0.000123	0.00104
2046 Apr	101	0.0199	0.0497	0.00224	16.6	0.0342	56.6	0.000978	0.000978	0.00000491	0.00349	0.000493	0.019	0.00852	0.00000506	12.7	0.000011	0.000109	0.000123	0.00104
2046 May	101	0.02	0.0497	0.00224	16.6	0.0342	56.7	0.000979	0.000979	0.00000491	0.0035	0.000494	0.019	0.00853	0.00000507	12.7	0.000011	0.000109	0.000123	0.00104
2046 Jun	101	0.02	0.0496	0.00223	16.6	0.0341	56.4	0.000975	0.000975	0.0000049	0.00351	0.000496	0.0189	0.00854	0.00000505	12.7	0.0000111	0.00011	0.000123	0.00104
2046 Jul	101	0.0199	0.0496	0.00223	16.5	0.034	56.4	0.000973	0.000973	0.00000488	0.00352	0.000497	0.0189	0.00853	0.00000503	12.7	0.0000111	0.00011	0.000123	0.00104
2046 Aug	101	0.02	0.0498	0.00224	16.6	0.0341	56.6	0.000976	0.000976	0.0000049	0.00353	0.0005	0.019	0.00857	0.00000505	12.8	0.0000112	0.000111	0.000123	0.00104
2046 Sep	101	0.0202	0.0497	0.00224	16.5	0.0341	56.6	0.000975	0.000975	0.00000489	0.00353	0.000501	0.019	0.00857	0.00000504	12.8	0.0000112	0.000111	0.000123	0.00104
2046 Oct	101	0.0203	0.0497	0.00224	16.5	0.0341	56.6	0.000974	0.000974	0.00000489	0.00354	0.000502	0.019	0.00858	0.00000504	12.8	0.0000112	0.000111	0.000123	0.00104
2046 Nov	101	0.0204	0.0497	0.00224	16.5	0.0341	56.6	0.000974	0.000974	0.00000489	0.00354	0.000502	0.019	0.00858	0.00000504	12.8	0.0000112	0.000111	0.000123	0.00104
2046 Dec	101	0.0204	0.0497	0.00224	16.5	0.0341	56.6	0.000974	0.000974	0.00000489	0.00354	0.000502	0.019	0.00858	0.00000504	12.8	0.0000112	0.000111	0.000123	0.00104
2047 Jan	101	0.0204	0.0497	0.00224	16.5	0.0341	56.6	0.000974	0.000974	0.00000489	0.00354	0.000502	0.019	0.00858	0.00000504	12.8	0.0000112	0.000111	0.000123	0.00104
2047 Feb	101	0.0204	0.0497	0.00224	16.5	0.0341	56.6	0.000974	0.000974	0.00000489	0.00354	0.000502	0.019	0.00858	0.00000504	12.8	0.0000112	0.000111	0.000123	0.00104
2047 Mar	101	0.0204	0.0497	0.00224	16.5	0.0341	56.6	0.000974	0.000974	0.00000489	0.00354	0.000502	0.019	0.00859	0.00000504	12.8	0.0000112	0.000111	0.000123	0.00104
2047 Apr	101	0.0204	0.0497	0.00224	16.5	0.0341	56.6	0.000974	0.000974	0.00000489	0.00354	0.000502	0.019	0.00859	0.00000504	12.8	0.0000112	0.000111	0.000123	0.00104
2047 May	101	0.0204	0.0497	0.00224	16.5	0.0342	56.6	0.000975	0.000975	0.00000489	0.00355	0.000504	0.019	0.00862	0.00000504	12.8	0.0000112	0.000111	0.000124	0.00104
2047 Jun	101	0.0206	0.0497	0.00223	16.5	0.034	56.5	0.000972	0.000972	0.00000488	0.00355	0.000509	0.019	0.00874	0.00000503	12.9	0.0000112	0.000113	0.000126	0.00104
2047 Jul	101	0.0207	0.0499	0.00224	16.6	0.0342	56.7	0.000976	0.000976	0.0000049	0.00357	0.000512	0.0191	0.00878	0.00000505	12.9	0.0000113	0.000113	0.000126	0.00104
2047 Aug	102	0.0208	0.0501	0.00225	16.7	0.0343	57	0.00098	0.00098	0.00000492	0.00359	0.000515	0.0192	0.00881	0.00000507	13	0.0000113	0.000114	0.000127	0.00105
2047 Sep	102	0.021	0.0501	0.00225	16.7	0.0343	57	0.000979	0.000979	0.00000491	0.00359	0.000516	0.0192	0.00882	0.00000507	13	0.0000113	0.000114	0.000127	0.00105
2047 Oct	102	0.0211	0.0501	0.00225	16.6	0.0343	56.9	0.000978	0.000978	0.00000491	0.0036	0.000517	0.0192	0.00883	0.00000506	13	0.0000113	0.000114	0.000127	0.00105
2047 Nov	102	0.0212	0.0501	0.00225	16.6	0.0343	56.9	0.000978	0.000978	0.00000491	0.0036	0.000517	0.0192	0.00883	0.00000506	13	0.0000113	0.000114	0.000127	0.00105
2047 Dec	102	0.0212	0.0501	0.00225	16.6	0.0343	56.9	0.000978	0.000978	0.00000491	0.0036	0.000517	0.0192	0.00883	0.00000506	13	0.0000113	0.000114	0.000127	0.00105
2048 Jan	102	0.0212	0.0501	0.00225	16.6	0.0343	56.9	0.000978	0.000978	0.00000491	0.0036	0.000517	0.0192	0.00883	0.00000506	13	0.0000113	0.000114	0.000127	0.00105
2048 Feb	102	0.0212	0.0501	0.00225	16.6	0.0343	56.9	0.000978	0.000978	0.00000491	0.0036	0.000517	0.0192	0.00883	0.00000506	13	0.0000113	0.000114	0.000127	0.00105
2048 Mar	102	0.0212	0.0501	0.00225	16.6	0.0343	56.9	0.000978	0.000978	0.00000491	0.0036	0.000517	0.0192	0.00883	0.00000506	13	0.0000113	0.000114	0.000127	0.00105
2048 Apr	102	0.0212	0.0501	0.00225	16.7	0.0344	57	0.000978	0.000978	0.00000491	0.0036	0.000517	0.0192	0.00884	0.00000506	13	0.0000113	0.000114	0.000127	0.00105
2048 May	102	0.0212	0.0502	0.00225	16.7	0.0344	57	0.00098	0.00098	0.00000492	0.00361	0.000518	0.0192	0.00885	0.00000507	13	0.0000114	0.000114	0.000127	0.00105
2048 Jun	102	0.0212	0.05	0.00224	16.6	0.0343	56.9	0.000976	0.000976	0.0000049	0.00361	0.000519	0.0192	0.00883	0.00000505	13	0.0000114	0.000115	0.000127	0.00104
2048 Jul	102	0.0212	0.0501	0.00224	16.6	0.0342	56.9	0.000975	0.000975	0.00000489	0.00362	0.00052	0.0192	0.00883	0.00000505	13	0.0000114	0.000115	0.000127	0.00104
2048 Aug	102	0.0213	0.0502	0.00225	16.6	0.0343	57	0.000976	0.000976	0.0000049	0.00363	0.000523	0.0193	0.00885	0.00000505	13	0.0000115	0.000115	0.000127	0.00104
2048 Sep	102	0.0214	0.0502	0.00225	16.6	0.0343	57.1	0.000976	0.000976	0.0000049	0.00364	0.000524	0.0193	0.00887	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104
2048 Oct	102	0.0215	0.0502	0.00225	16.6	0.0343	57	0.000976	0.000976	0.0000049	0.00365	0.000525	0.0193	0.00887	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104
2048 Nov	102	0.0216	0.0502	0.00225	16.6	0.0343	57	0.000976	0.000976	0.0000049	0.00365	0.000525	0.0193	0.00888	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104
2048 Dec	102	0.0216	0.0502	0.00225	16.6	0.0344	57	0.000976	0.000976	0.0000049	0.00365	0.000525	0.0193	0.00888	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104
2049 Jan	102	0.0216	0.0502	0.00225	16.6	0.0344	57	0.000976	0.000976	0.0000049	0.00365	0.000525	0.0193	0.00888	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104
2049 Feb	102	0.0216	0.0502	0.00225	16.6	0.0344	57	0.000976	0.000976	0.0000049	0.00365	0.000525	0.0193	0.00888	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104
2049 Mar	102	0.0216	0.0502	0.00225	16.6	0.0344	57	0.000976	0.000976	0.0000049	0.00365	0.000525	0.0193	0.00888	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104
2049 Apr	102	0.0216	0.0502	0.00225	16.6	0.0344	57	0.000976	0.000976	0.0000049	0.00365	0.000525	0.0193	0.00888	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104
2049 May	102	0.0216	0.0502	0.00225	16.6	0.0344	57.1	0.000977	0.000977	0.0000049	0.00365	0.000526	0.0193	0.00889	0.00000506	13.1	0.0000115	0.000116	0.000127	0.00105
2049 Jun	102	0.0215	0.0501	0.00224	16.5	0.0343	57	0.000973	0.000973	0.00000489	0.00366	0.000527	0.0193	0.00888	0.00000504	13.1	0.0000115	0.000116	0.000127	0.00104
2049 Jul	102	0.0215	0.0502	0.00224	16.5	0.0342	57	0.000973	0.000973	0.00000488	0.00367	0.000529	0.0193	0.00888	0.00000504	13.1	0.0000116	0.000116	0.000127	0.00104
2049 Aug	102	0.0217	0.0504	0.00226	16.6	0.0344	57.3	0.000977	0.000977	0.0000049	0.00369	0.000532	0.0194	0.00892	0.00000506	13.1	0.0000116	0.000117	0.000127	0.00105
2049 Sep	102	0.0218	0.0504	0.00226	16.6	0.0344	57.3	0.000977	0.000977	0.0000049	0.00369	0.000533	0.0194	0.00894	0.00000506	13.1	0.0000116	0.000117	0.000127	0.00105
2049 Oct	102	0.022	0.0504	0.00225	16.6	0.0344	57.3	0.000976	0.000976	0.0000049	0.0037	0.000534	0.0194	0.00894	0.00000505	13.1	0.0000116	0.000117	0.000127	0.00105
2049 Nov	102	0.022	0.0504	0.00225	16.6	0.0344	57.3	0.000976	0.000976	0.0000049	0.0037	0.000534	0.0194	0.00895	0.00000505	13.1	0.0000116	0.000117	0.000127	0.00105
2049 Dec	102	0.022	0.0504	0.00225	16.6	0.0344	57.2	0.000976	0.000976	0.0000049	0.0037	0.000534	0.0194	0.00895	0.00000505	13.1	0.0000116	0.000117	0.000127	0.00105
2050 Jan	102	0.022	0.0504	0.00225	16.6	0.0344	57.2	0.000976	0.000976	0.0000049	0.0037	0.000534	0.0194	0.00895	0.00000505	13.1	0.0000116	0.000117	0.000127	0.00105
2050 Feb	102	0.022	0.0504	0.00225	16.6	0.0344	57.3	0.000976	0.000976	0.0000049	0.0037	0.000534	0.0194	0.00895	0.00000505	13.1	0.0000116	0.000117	0.000127	0.00105
2050 Mar	102	0.022	0.0504	0.00225	16.6	0.0344	57.3	0.000976	0.000976	0.0000049	0.0037	0.000534	0.0194	0.00895	0.00000505	13.1	0.0000116	0.000117	0.000127	0.00105
2050 Apr	102	0.022	0.0504	0.00225	16.6	0.0345	57.3	0.000976	0.000976	0.0000049	0.0037	0.000534	0.0194	0.00895	0.00000505	13.2	0.0000116	0.000117	0.000127	0.00105

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	102	0.0221	0.0504	0.00226	16.6	0.0345	57.3	0.000977	0.000977	0.0000049	0.00371	0.000535	0.0195	0.00896	0.00000506	13.2	0.0000116	0.000118	0.000128	0.00105
2050 Jun	102	0.022	0.0504	0.00225	16.5	0.0344	57.2	0.000975	0.000975	0.00000489	0.00371	0.000536	0.0194	0.00896	0.00000505	13.2	0.0000117	0.000118	0.000127	0.00104
2050 Jul	102	0.022	0.0504	0.00225	16.5	0.0343	57.3	0.000973	0.000973	0.00000488	0.00372	0.000537	0.0195	0.00895	0.00000504	13.1	0.0000117	0.000118	0.000127	0.00104
2050 Aug	103	0.0221	0.0505	0.00226	16.5	0.0345	57.4	0.000976	0.000976	0.0000049	0.00373	0.000539	0.0195	0.00898	0.00000505	13.2	0.0000117	0.000118	0.000128	0.00105
2050 Sep	103	0.0222	0.0506	0.00226	16.6	0.0345	57.5	0.000976	0.000976	0.0000049	0.00373	0.000541	0.0195	0.00899	0.00000505	13.2	0.0000117	0.000119	0.000128	0.00105
2050 Oct	103	0.0223	0.0506	0.00226	16.6	0.0345	57.5	0.000977	0.000977	0.0000049	0.00374	0.000542	0.0196	0.009	0.00000506	13.2	0.0000118	0.000119	0.000128	0.00105
2050 Nov	103	0.0223	0.0506	0.00226	16.6	0.0345	57.5	0.000977	0.000977	0.0000049	0.00374	0.000542	0.0196	0.00901	0.00000506	13.2	0.0000118	0.000119	0.000128	0.00105
2050 Dec	103	0.0223	0.0506	0.00226	16.6	0.0345	57.5	0.000977	0.000977	0.0000049	0.00374	0.000542	0.0196	0.00901	0.00000506	13.2	0.0000118	0.000119	0.000128	0.00105
2051 Jan	103	0.0223	0.0506	0.00226	16.6	0.0345	57.5	0.000977	0.000977	0.0000049	0.00374	0.000542	0.0196	0.00901	0.00000506	13.2	0.0000118	0.000119	0.000128	0.00105
2051 Feb	103	0.0223	0.0506	0.00226	16.6	0.0345	57.5	0.000977	0.000977	0.0000049	0.00374	0.000542	0.0196	0.00901	0.00000506	13.2	0.0000118	0.000119	0.000128	0.00105
2051 Mar	103	0.0223	0.0506	0.00226	16.6	0.0345	57.5	0.000977	0.000977	0.0000049	0.00374	0.000542	0.0196	0.00901	0.00000506	13.2	0.0000118	0.000119	0.000128	0.00105
2051 Apr	103	0.0223	0.0506	0.00226	16.6	0.0346	57.6	0.000977	0.000977	0.00000491	0.00374	0.000542	0.0196	0.00901	0.00000506	13.2	0.0000118	0.000119	0.000128	0.00105
2051 May	103	0.0224	0.0507	0.00226	16.6	0.0346	57.6	0.000979	0.000979	0.00000491	0.00375	0.000543	0.0196	0.00904	0.00000507	13.3	0.0000118	0.000119	0.000128	0.00105
2051 Jun	103	0.0224	0.0504	0.00225	16.5	0.0343	57.2	0.000973	0.000973	0.00000488	0.00376	0.000548	0.0195	0.00913	0.00000504	13.3	0.0000118	0.00012	0.00013	0.00104
2051 Jul	103	0.0225	0.0505	0.00225	16.5	0.0344	57.4	0.000974	0.000974	0.00000489	0.00377	0.00055	0.0195	0.00914	0.00000504	13.3	0.0000119	0.000121	0.00013	0.00105
2051 Aug	103	0.0225	0.0507	0.00226	16.5	0.0344	57.5	0.000975	0.000975	0.00000489	0.00378	0.000552	0.0196	0.00916	0.00000505	13.3	0.0000119	0.000121	0.00013	0.00105
2051 Sep	103	0.0227	0.0507	0.00226	16.5	0.0345	57.5	0.000974	0.000974	0.00000489	0.00378	0.000554	0.0196	0.00917	0.00000504	13.4	0.0000119	0.000121	0.00013	0.00105
2051 Oct	103	0.0229	0.0505	0.00225	16.5	0.0344	57.3	0.000971	0.000971	0.00000487	0.00379	0.000554	0.0196	0.00916	0.00000503	13.3	0.0000119	0.000121	0.00013	0.00104
2051 Nov	103	0.023	0.0505	0.00225	16.5	0.0344	57.3	0.000971	0.000971	0.00000487	0.00379	0.000554	0.0196	0.00917	0.00000503	13.3	0.0000119	0.000121	0.00013	0.00104
2051 Dec	103	0.023	0.0505	0.00225	16.5	0.0344	57.3	0.000971	0.000971	0.00000487	0.00379	0.000554	0.0196	0.00917	0.00000503	13.3	0.0000119	0.000121	0.00013	0.00104
2052 Jan	103	0.023	0.0505	0.00225	16.5	0.0344	57.3	0.000971	0.000971	0.00000487	0.00379	0.000554	0.0196	0.00917	0.00000503	13.3	0.0000119	0.000121	0.00013	0.00104
2052 Feb	103	0.023	0.0505	0.00225	16.5	0.0344	57.3	0.000971	0.000971	0.00000487	0.00379	0.000554	0.0196	0.00917	0.00000503	13.3	0.0000119	0.000121	0.00013	0.00104
2052 Mar	103	0.023	0.0505	0.00225	16.5	0.0344	57.3	0.000971	0.000971	0.00000487	0.00379	0.000554	0.0196	0.00917	0.00000503	13.3	0.0000119	0.000121	0.00013	0.00104
2052 Apr	103	0.023	0.0505	0.00225	16.5	0.0344	57.3	0.000971	0.000971	0.00000487	0.00379	0.000555	0.0196	0.00917	0.00000503	13.3	0.0000119	0.000121	0.00013	0.00104
2052 May	103	0.023	0.0506	0.00225	16.5	0.0344	57.4	0.000972	0.000972	0.00000488	0.00379	0.000555	0.0196	0.00919	0.00000503	13.4	0.0000119	0.000121	0.00013	0.00105
2052 Jun	103	0.0231	0.0506	0.00225	16.5	0.0344	57.4	0.000971	0.000971	0.00000487	0.0038	0.000557	0.0196	0.00922	0.00000503	13.4	0.0000119	0.000122	0.000131	0.00105
2052 Jul	103	0.0231	0.0507	0.00226	16.5	0.0345	57.6	0.000973	0.000973	0.00000488	0.00381	0.00056	0.0197	0.00924	0.00000504	13.4	0.000012	0.000122	0.000131	0.00105
2052 Aug	103	0.0232	0.0509	0.00226	16.6	0.0346	57.8	0.000975	0.000975	0.00000489	0.00382	0.000562	0.0197	0.00927	0.00000505	13.5	0.000012	0.000123	0.000131	0.00105
2052 Sep	104	0.0233	0.0509	0.00227	16.6	0.0346	57.8	0.000975	0.000975	0.00000489	0.00383	0.000564	0.0198	0.00928	0.00000505	13.5	0.000012	0.000123	0.000131	0.00105
2052 Oct	104	0.0234	0.0509	0.00227	16.6	0.0347	57.8	0.000975	0.000975	0.00000489	0.00384	0.000564	0.0198	0.00929	0.00000505	13.5	0.000012	0.000123	0.000131	0.00105
2052 Nov	104	0.0235	0.0509	0.00227	16.6	0.0347	57.8	0.000975	0.000975	0.00000489	0.00384	0.000565	0.0198	0.00929	0.00000505	13.5	0.000012	0.000123	0.000131	0.00105
2052 Dec	104	0.0235	0.0509	0.00227	16.6	0.0347	57.8	0.000975	0.000975	0.00000489	0.00384	0.000565	0.0198	0.00929	0.00000505	13.5	0.000012	0.000123	0.000131	0.00105
2053 Jan	104	0.0235	0.0509	0.00227	16.6	0.0347	57.8	0.000975	0.000975	0.00000489	0.00384	0.000565	0.0198	0.0093	0.00000505	13.5	0.000012	0.000123	0.000131	0.00105
2053 Feb	104	0.0235	0.0509	0.00227	16.6	0.0347	57.8	0.000975	0.000975	0.00000489	0.00384	0.000565	0.0198	0.0093	0.00000505	13.5	0.000012	0.000123	0.000131	0.00105
2053 Mar	104	0.0235	0.0509	0.00227	16.6	0.0347	57.8	0.000975	0.000975	0.0000049	0.00384	0.000565	0.0198	0.0093	0.00000505	13.5	0.000012	0.000123	0.000131	0.00105
2053 Apr	104	0.0235	0.051	0.00227	16.6	0.0347	57.8	0.000976	0.000976	0.0000049	0.00384	0.000565	0.0198	0.0093	0.00000505	13.5	0.000012	0.000123	0.000131	0.00105
2053 May	104	0.0236	0.051	0.00227	16.6	0.0347	57.8	0.000976	0.000976	0.0000049	0.00385	0.000569	0.0198	0.00938	0.00000506	13.6	0.0000121	0.000124	0.000133	0.00105
2053 Jun	103	0.0237	0.0508	0.00226	16.5	0.0345	57.6	0.000972	0.000972	0.00000488	0.00385	0.000572	0.0197	0.00946	0.00000503	13.6	0.0000121	0.000125	0.000134	0.00105
2053 Jul	104	0.0238	0.051	0.00226	16.6	0.0346	57.8	0.000974	0.000974	0.00000489	0.00387	0.000575	0.0198	0.00949	0.00000505	13.6	0.0000122	0.000126	0.000134	0.00105
2053 Aug	104	0.0239	0.0512	0.00227	16.6	0.0347	58	0.000978	0.000978	0.00000491	0.00388	0.000578	0.0199	0.00953	0.00000506	13.7	0.0000122	0.000126	0.000135	0.00106
2053 Sep	104	0.024	0.0513	0.00228	16.7	0.0348	58.1	0.00098	0.00098	0.00000492	0.0039	0.00058	0.0199	0.00956	0.00000508	13.7	0.0000122	0.000127	0.000135	0.00106
2053 Oct	105	0.0242	0.0513	0.00228	16.7	0.0349	58.1	0.000981	0.000981	0.00000492	0.00391	0.000581	0.0199	0.00958	0.00000508	13.7	0.0000122	0.000127	0.000135	0.00106
2053 Nov	105	0.0242	0.0513	0.00228	16.7	0.0349	58.1	0.000981	0.000981	0.00000492	0.00391	0.000581	0.0199	0.00958	0.00000508	13.7	0.0000122	0.000127	0.000135	0.00106
2053 Dec	105	0.0242	0.0513	0.00228	16.7	0.0349	58.1	0.000981	0.000981	0.00000492	0.00391	0.000581	0.0199	0.00958	0.00000508	13.7	0.0000122	0.000127	0.000135	0.00106
2054 Jan	105	0.0242	0.0513	0.00228	16.7	0.0349	58.1	0.000981	0.000981	0.00000492	0.00391	0.000581	0.0199	0.00958	0.00000508	13.7	0.0000122	0.000127	0.000135	0.00106
2054 Feb	105	0.0242	0.0513	0.00228	16.7	0.0349	58.1	0.000981	0.000981	0.00000492	0.00391	0.000582	0.0199	0.00958	0.00000508	13.7	0.0000122	0.000127	0.000135	0.00106
2054 Mar	105	0.0242	0.0513	0.00228	16.7	0.0349	58.1	0.000981	0.000981	0.00000492	0.00391	0.000582	0.0199	0.00958	0.00000508	13.7	0.0000122	0.000127	0.000135	0.00106
2054 Apr	105	0.0242	0.0513	0.00228	16.7	0.0349	58.1	0.000981	0.000981	0.00000493	0.00391	0.000582	0.0199	0.00959	0.00000508	13.7	0.0000122	0.000127	0.000136	0.00106
2054 May	105	0.0243	0.0514	0.00228	16.7	0.0349	58.2	0.000982	0.000982	0.00000493	0.00391	0.000583	0.02	0.0096	0.00000509	13.8	0.0000123	0.000127	0.000136	0.00106
2054 Jun	104	0.0243	0.0512	0.00227	16.7	0.0348	58	0.000978	0.000978	0.00000491	0.00391	0.000584	0.0199	0.00962	0.00000507	13.8	0.0000123	0.000127	0.000136	0.00106
2054 Jul	105	0.0243	0.0513	0.00227	16.6	0.0348	58.1	0.000978	0.000978	0.00000491	0.00392	0.000586	0.0199	0.00963	0.00000506	13.8	0.0000123	0.000128	0.000136	0.00106
2054 Aug	105	0.0243	0.0514	0.00228	16.7	0.0348	58.2	0.000979	0.000979	0.00000491	0.00393	0.000588	0.02	0.00965	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106
2054 Sep	105	0.0244	0.0515	0.00228	16.7	0.0349	58.3	0.000979	0.000979	0.00000491	0.00393	0.000589	0.02	0.00966	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106
2054 Oct	105	0.0245	0.0514	0.00228	16.7	0.0349	58.3	0.000979	0.000979	0.00000491	0.00394	0.00059	0.02	0.00966	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106
2054 Nov	105	0.0246	0.0514	0.00228	16.7	0.0349	58.3	0.000978	0.000978	0.00000491	0.00394	0.00059	0.02	0.00966	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106
2054 Dec	105	0.0246	0.0514	0.00228	16.7	0.0349	58.3	0.000978	0.000978	0.00000491	0.00394	0.00059	0.02	0.00967	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106
2055 Jan	105	0.0246	0.0514	0.00228	16.7	0.0349	58.3	0.000979	0.000979	0.00000491	0.00394	0.00059	0.02	0.00967	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106
2055 Feb	105	0.0246	0.0514	0.00228	16.7	0.0349	58.3	0.000979	0.000979	0.00000491	0.00394	0.00059	0.02	0.00967	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106
2055 Mar	105	0.0246	0.0514	0.00228	16.7	0.0349	58.3	0.000979	0.000979	0.00000491	0.00394	0.00059	0.02	0.00967	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106
2055 Apr	105	0.0246	0.0514	0.00228	16.7	0.0349	58.3	0.000979	0.000979	0.00000491	0.00394	0.00059	0.02	0.00967	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106
2055 May	105	0.0246	0.0515	0.00228	16.7	0.0349	58.3	0.00098	0.00098	0.00000492	0.00394	0.000591	0.0201	0.00968	0.00000508	13.8	0.0000124	0.000129	0.000137	0.00106
2055 Jun	105	0.0245	0.0513	0.00227	16.6	0.0348	58.1	0.000976	0.000976	0.0000049	0.00395	0.000591	0.02	0.00965	0.00000506	13.8	0.0000124	0.000129	0.000136	0.00106
2055 Jul	105	0.0245	0.0514	0.00228	16.6	0.0348	58.2	0.000977	0.000977	0.0000049	0.00396	0.000593	0.02	0.00966	0.00000506	13.8	0.0000124	0.000129	0.000136	0.00106
2055 Aug	105	0.0246	0.0516	0.00228	16.6	0.0349	58.4	0.000979	0.000979	0.00000492	0.00398	0.000595	0.0201	0.0097	0.00000507	13.9	0.0000125	0.000129	0.000137	0.00106
2055 Sep	105	0.0247	0.0516	0.00229	16.7	0.0349	58.5	0.00098	0.00098	0.00000492	0.00398	0.000596	0.0201	0.00971	0.00000507	13.9	0.0000125	0.00013	0.000137	0.00106
2055 Oct	105	0.0248	0.0517	0.00229	16.7	0.035	58.5	0.00098	0.00098	0.00000492	0.00399	0.000597	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106
2055 Nov	105	0.0248	0.0517	0.00229	16.7	0.035	58.5	0.00098	0.00098	0.00000492	0.00399	0.000597	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106
2055 Dec	105	0.0248	0.0517	0.00229	16.7	0.035	58.5	0.00098	0.00098	0.00000492	0.00399	0.000598	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106
2056 Jan	105	0.0248	0.0517	0.00229	16.7	0.035	58.5	0.00098	0.00098	0.00000492	0.00399	0.000598	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106
2056 Feb	105	0.0248	0.0517	0.00229	16.7	0.035	58.5	0.00098	0.00098	0.00000492	0.00399	0.000598	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106
2056 Mar	105	0.0248	0.0517	0.00229	16.7	0.035	58.5	0.00098	0.00098	0.00000492	0.00399	0.000598	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106
2056 Apr	105	0.0248	0.0517	0.00229	16.7	0.035	58.5	0.000981	0.000981	0.00000492	0.00399	0.000598	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106
2056 May	105	0.0249	0.0517	0.00229	16.7	0.035	58.6	0.000981	0.000981	0.00000493	0.00399	0.000599	0.0202	0.00975	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106
2056 Jun	105	0.025	0.0517	0.00228	16.7	0.0349	58.4	0.000977	0.000977	0.00000491	0.00399	0.000602	0.0201	0.00982	0.00000506	14	0.0000125	0.000131	0.000139	0.00106
2056 Jul	106	0.0251	0.0519	0.00229	16.7	0.035	58.7	0.000981	0.000981	0.00000492	0.00401	0.000605	0.0202	0.00985	0.00000508	14	0.0000126	0.000132	0.000139	0.00106
2056 Aug	106	0.0251	0.052	0.0023	16.7	0.0351	58.9	0.000982	0.000982	0.00000493	0.00402	0.000607	0.0203	0.00988	0.00000509	14.1	0.0000126	0.000132	0.000139	0.00107
2056 Sep	106	0.0253	0.0521	0.0023	16.8	0.0352	59	0.000984	0.000984	0.00000494	0.00403	0.000609	0.0203	0.00991	0.0000051	14.1	0.0000126	0.000132	0.00014	0.00107

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	106	0.0254	0.0521	0.0023	16.8	0.0352	58.9	0.000983	0.000983	0.00000494	0.00403	0.00061	0.0203	0.00991	0.00000509	14.1	0.0000126	0.000132	0.00014	0.00107
2056 Nov	106	0.0254	0.0521	0.0023	16.8	0.0352	58.9	0.000983	0.000983	0.00000494	0.00404	0.00061	0.0203	0.00991	0.00000509	14.1	0.0000126	0.000132	0.00014	0.00107
2056 Dec	106	0.0254	0.0521	0.0023	16.8	0.0352	58.9	0.000983	0.000983	0.00000494	0.00404	0.00061	0.0203	0.00991	0.00000509	14.1	0.0000126	0.000132	0.00014	0.00107
2057 Jan	106	0.0254	0.0521	0.0023	16.8	0.0352	58.9	0.000983	0.000983	0.00000494	0.00404	0.00061	0.0203	0.00991	0.00000509	14.1	0.0000126	0.000132	0.00014	0.00107
2057 Feb	106	0.0254	0.0521	0.0023	16.8	0.0352	58.9	0.000983	0.000983	0.00000494	0.00404	0.00061	0.0203	0.00991	0.00000509	14.1	0.0000126	0.000132	0.00014	0.00107
2057 Mar	106	0.0255	0.0521	0.0023	16.8	0.0352	58.9	0.000983	0.000983	0.00000494	0.00404	0.00061	0.0203	0.00991	0.0000051	14.1	0.0000126	0.000132	0.00014	0.00107
2057 Apr	106	0.0255	0.0521	0.0023	16.8	0.0352	58.9	0.000984	0.000984	0.00000494	0.00404	0.00061	0.0203	0.00992	0.0000051	14.1	0.0000126	0.000132	0.00014	0.00107
2057 May	106	0.0255	0.0522	0.0023	16.8	0.0352	59	0.000985	0.000985	0.00000494	0.00404	0.000611	0.0204	0.00993	0.0000051	14.1	0.0000127	0.000133	0.00014	0.00107
2057 Jun	106	0.0255	0.052	0.00229	16.7	0.0351	58.9	0.000981	0.000981	0.00000492	0.00404	0.000612	0.0203	0.00994	0.00000508	14.1	0.0000127	0.000133	0.00014	0.00107
2057 Jul	106	0.0255	0.0522	0.0023	16.7	0.0351	59	0.000983	0.000983	0.00000493	0.00406	0.000614	0.0204	0.00996	0.00000509	14.1	0.0000127	0.000133	0.00014	0.00107
2057 Aug	107	0.0257	0.0525	0.00231	16.8	0.0353	59.4	0.000988	0.000988	0.00000496	0.00408	0.000618	0.0205	0.01	0.00000512	14.2	0.0000128	0.000134	0.000141	0.00107
2057 Sep	107	0.0258	0.0525	0.00232	16.9	0.0354	59.5	0.000989	0.000989	0.00000497	0.00409	0.00062	0.0205	0.01	0.00000513	14.3	0.0000128	0.000134	0.000141	0.00108
2057 Oct	107	0.026	0.0525	0.00232	16.9	0.0354	59.4	0.000989	0.000989	0.00000497	0.0041	0.000621	0.0205	0.0101	0.00000513	14.3	0.0000128	0.000135	0.000141	0.00108
2057 Nov	107	0.026	0.0525	0.00232	16.9	0.0355	59.4	0.000989	0.000989	0.00000497	0.0041	0.000621	0.0205	0.0101	0.00000513	14.3	0.0000128	0.000135	0.000141	0.00108
2057 Dec	107	0.026	0.0525	0.00232	16.9	0.0355	59.4	0.000989	0.000989	0.00000497	0.0041	0.000621	0.0205	0.0101	0.00000513	14.3	0.0000128	0.000135	0.000141	0.00108
2058 Jan	107	0.026	0.0525	0.00232	16.9	0.0355	59.4	0.000989	0.000989	0.00000497	0.0041	0.000621	0.0205	0.0101	0.00000513	14.3	0.0000128	0.000135	0.000141	0.00108
2058 Feb	107	0.026	0.0525	0.00232	16.9	0.0355	59.4	0.000989	0.000989	0.00000497	0.0041	0.000621	0.0205	0.0101	0.00000513	14.3	0.0000128	0.000135	0.000141	0.00108
2058 Mar	107	0.026	0.0525	0.00232	16.9	0.0355	59.4	0.000989	0.000989	0.00000497	0.0041	0.000621	0.0205	0.0101	0.00000513	14.3	0.0000128	0.000135	0.000141	0.00108
2058 Apr	107	0.026	0.0525	0.00232	16.9	0.0355	59.4	0.00099	0.00099	0.00000497	0.0041	0.000622	0.0206	0.0101	0.00000513	14.3	0.0000128	0.000135	0.000141	0.00108
2058 May	107	0.0261	0.0525	0.00232	16.9	0.0355	59.4	0.00099	0.00099	0.00000497	0.00411	0.000625	0.0205	0.0101	0.00000513	14.3	0.0000129	0.000136	0.000143	0.00108
2058 Jun	107	0.0263	0.0522	0.0023	16.8	0.0351	58.9	0.000983	0.000983	0.00000493	0.00411	0.000632	0.0204	0.0103	0.00000509	14.4	0.0000129	0.000137	0.000146	0.00107
2058 Jul	107	0.0264	0.0524	0.0023	16.8	0.0352	59.1	0.000985	0.000985	0.00000494	0.00412	0.000634	0.0205	0.0103	0.0000051	14.4	0.0000129	0.000138	0.000146	0.00108
2058 Aug	107	0.0265	0.0526	0.00231	16.9	0.0353	59.3	0.000988	0.000988	0.00000496	0.00414	0.000637	0.0206	0.0104	0.00000512	14.5	0.000013	0.000138	0.000146	0.00108
2058 Sep	107	0.0266	0.0526	0.00231	16.9	0.0354	59.3	0.000988	0.000988	0.00000496	0.00415	0.000638	0.0206	0.0104	0.00000512	14.5	0.000013	0.000139	0.000147	0.00108
2058 Oct	107	0.0267	0.0526	0.00231	16.9	0.0354	59.3	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.000013	0.000139	0.000146	0.00108
2058 Nov	107	0.0268	0.0526	0.00231	16.9	0.0354	59.3	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.000013	0.000139	0.000147	0.00108
2058 Dec	107	0.0268	0.0526	0.00231	16.9	0.0354	59.3	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.000013	0.000139	0.000147	0.00108
2059 Jan	107	0.0268	0.0526	0.00231	16.9	0.0354	59.3	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.000013	0.000139	0.000147	0.00108
2059 Feb	107	0.0268	0.0526	0.00231	16.9	0.0354	59.3	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.000013	0.000139	0.000147	0.00108
2059 Mar	107	0.0268	0.0526	0.00231	16.9	0.0354	59.3	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.000013	0.000139	0.000147	0.00108
2059 Apr	108	0.0268	0.0526	0.00231	16.9	0.0354	59.3	0.000989	0.000989	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.000013	0.000139	0.000147	0.00108
2059 May	108	0.0268	0.0526	0.00231	16.9	0.0354	59.4	0.00099	0.00099	0.00000497	0.00416	0.000641	0.0206	0.0104	0.00000513	14.5	0.000013	0.000139	0.000147	0.00108
2059 Jun	108	0.027	0.0527	0.00231	16.9	0.0354	59.4	0.000989	0.000989	0.00000496	0.00417	0.000644	0.0206	0.0105	0.00000512	14.6	0.0000131	0.00014	0.000148	0.00108
2059 Jul	108	0.0271	0.0529	0.00233	17	0.0356	59.7	0.000994	0.000994	0.00000499	0.00419	0.000648	0.0207	0.0106	0.00000515	14.7	0.0000131	0.000141	0.000149	0.00109
2059 Aug	109	0.0272	0.0532	0.00234	17.1	0.0357	59.9	0.000998	0.000998	0.00000501	0.00421	0.000651	0.0208	0.0106	0.00000517	14.7	0.0000132	0.000141	0.00015	0.00109
2059 Sep	109	0.0274	0.0532	0.00234	17.1	0.0358	60	0.000999	0.000999	0.00000501	0.00422	0.000653	0.0208	0.0106	0.00000517	14.8	0.0000132	0.000142	0.00015	0.00109
2059 Oct	109	0.0275	0.0531	0.00233	17.1	0.0357	59.9	0.000995	0.000995	0.00000499	0.00422	0.000652	0.0208	0.0106	0.00000516	14.7	0.0000132	0.000141	0.000149	0.00109
2059 Nov	109	0.0276	0.0531	0.00233	17.1	0.0357	59.9	0.000995	0.000995	0.00000499	0.00422	0.000653	0.0208	0.0106	0.00000516	14.7	0.0000132	0.000141	0.000149	0.00109
2059 Dec	109	0.0276	0.0531	0.00233	17.1	0.0357	59.8	0.000995	0.000995	0.00000499	0.00422	0.000653	0.0208	0.0106	0.00000516	14.7	0.0000132	0.000141	0.000149	0.00109
2060 Jan	109	0.0276	0.0531	0.00233	17.1	0.0357	59.8	0.000995	0.000995	0.00000499	0.00422	0.000653	0.0208	0.0106	0.00000516	14.7	0.0000132	0.000141	0.000149	0.00109
2060 Feb	109	0.0276	0.0531	0.00233	17.1	0.0357	59.8	0.000995	0.000995	0.00000499	0.00422	0.000653	0.0208	0.0106	0.00000516	14.7	0.0000132	0.000141	0.000149	0.00109
2060 Mar	109	0.0276	0.0531	0.00233	17.1	0.0357	59.9	0.000995	0.000995	0.00000499	0.00422	0.000653	0.0208	0.0106	0.00000516	14.7	0.0000132	0.000141	0.000149	0.00109
2060 Apr	109	0.0276	0.0531	0.00233	17.1	0.0357	59.9	0.000995	0.000995	0.000005	0.00422	0.000653	0.0208	0.0106	0.00000516	14.7	0.0000132	0.000142	0.000149	0.00109
2060 May	109	0.0277	0.0531	0.00233	17.1	0.0357	59.9	0.000996	0.000996	0.000005	0.00423	0.000655	0.0208	0.0107	0.00000516	14.8	0.0000132	0.000142	0.00015	0.00109
2060 Jun	109	0.0277	0.053	0.00232	17	0.0356	59.7	0.000992	0.000992	0.00000498	0.00423	0.000657	0.0208	0.0107	0.00000514	14.8	0.0000132	0.000143	0.000151	0.00109
2060 Jul	109	0.0279	0.0533	0.00234	17.1	0.0358	60.1	0.000997	0.000997	0.000005	0.00425	0.000661	0.0209	0.0108	0.00000517	14.9	0.0000133	0.000143	0.000152	0.00109
2060 Aug	109	0.028	0.0535	0.00234	17.2	0.0359	60.2	0.000999	0.000999	0.00000501	0.00426	0.000663	0.0209	0.0108	0.00000517	14.9	0.0000133	0.000144	0.000152	0.0011
2060 Sep	109	0.0281	0.0534	0.00234	17.1	0.0358	60.1	0.000996	0.000996	0.000005	0.00426	0.000664	0.0209	0.0108	0.00000516	14.9	0.0000133	0.000144	0.000152	0.00109
2060 Oct	109	0.0282	0.0533	0.00234	17.1	0.0358	60.1	0.000995	0.000995	0.000005	0.00426	0.000665	0.0209	0.0108	0.00000516	14.9	0.0000133	0.000144	0.000152	0.00109
2060 Nov	109	0.0283	0.0533	0.00233	17.1	0.0358	60.1	0.000995	0.000995	0.00000499	0.00426	0.000665	0.0209	0.0108	0.00000516	14.9	0.0000133	0.000144	0.000152	0.00109
2060 Dec	109	0.0283	0.0533	0.00233	17.1	0.0358	60.1	0.000995	0.000995	0.00000499	0.00426	0.000665	0.0209	0.0108	0.00000516	14.9	0.0000133	0.000144	0.000152	0.00109
2061 Jan	109	0.0283	0.0533	0.00233	17.1	0.0358	60.1	0.000995	0.000995	0.00000499	0.00426	0.000665	0.0209	0.0108	0.00000516	14.9	0.0000133	0.000144	0.000152	0.00109
2061 Feb	109	0.0283	0.0533	0.00233	17.1	0.0358	60.1	0.000995	0.000995	0.00000499	0.00426	0.000665	0.0209	0.0108	0.00000516	14.9	0.0000133	0.000144	0.000152	0.00109
2061 Mar	109	0.0283	0.0533	0.00233	17.1	0.0358	60.1	0.000995	0.000995	0.00000499	0.00426	0.000665	0.0209	0.0108	0.00000516	14.9	0.0000133	0.000144	0.000152	0.00109
2061 Apr	109	0.0283	0.0533	0.00234	17.1	0.0358	60.1	0.000995	0.000995	0.000005	0.00426	0.000665	0.0209	0.0108	0.00000516	14.9	0.0000133	0.000144	0.000152	0.00109
2061 May	109	0.0284	0.0533	0.00233	17.1	0.0358	60	0.000996	0.000996	0.000005	0.00427	0.000668	0.0209	0.0109	0.00000516	15	0.0000133	0.000145	0.000153	0.00109
2061 Jun	109	0.0284	0.0531	0.00232	17.1	0.0356	59.8	0.00099	0.00099	0.00000497	0.00426	0.000671	0.0208	0.0109	0.00000513	15	0.0000134	0.000146	0.000154	0.00109
2061 Jul	109	0.0286	0.0534	0.00233	17.1	0.0357	60.1	0.000994	0.000994	0.00000499	0.00429	0.000674	0.0209	0.011	0.00000515	15.1	0.0000134	0.000146	0.000155	0.00109
2061 Aug	110	0.0287	0.0536	0.00234	17.2	0.0359	60.3	0.000998	0.000998	0.00000501	0.0043	0.000677	0.021	0.011	0.00000517	15.1	0.0000135	0.000147	0.000156	0.0011
2061 Sep	110	0.0288	0.0537	0.00235	17.2	0.036	60.4	0.000999	0.000999	0.00000502	0.00431	0.000679	0.0211	0.011	0.00000518	15.1	0.0000135	0.000147	0.000156	0.0011
2061 Oct	110	0.029	0.0536	0.00234	17.2	0.0359	60.3	0.000997	0.000997	0.000005	0.00432	0.000679	0.021	0.011	0.00000517	15.1	0.0000135	0.000147	0.000155	0.0011
2061 Nov	110	0.0291	0.0535	0.00234	17.2	0.0359	60.2	0.000996	0.000996	0.000005	0.00432	0.000679	0.021	0.011	0.00000516	15.1	0.0000135	0.000147	0.000155	0.0011
2061 Dec	110	0.0291	0.0535	0.00234	17.2	0.0359	60.2	0.000996	0.000996	0.000005	0.00432	0.000679	0.021	0.011	0.00000516	15.1	0.0000135	0.000147	0.000155	0.0011
2062 Jan	110	0.0291	0.0535	0.00234	17.2	0.0359	60.2	0.000996	0.000996	0.000005	0.00432	0.000679	0.021	0.011	0.00000516	15.1	0.0000135	0.000147	0.000155	0.0011
2062 Feb	110	0.0291	0.0535	0.00234	17.2	0.0359	60.2	0.000996	0.000996	0.000005	0.00432	0.00068	0.021	0.011	0.00000516	15.1	0.0000135	0.000147	0.000155	0.0011
2062 Mar	110	0.0291	0.0535	0.00234	17.2	0.0359	60.2	0.000997	0.000997	0.000005	0.00432	0.00068	0.021	0.011	0.00000516	15.1	0.0000135	0.000147	0.000155	0.0011
2062 Apr	110	0.0291	0.0535	0.00234	17.2	0.036	60.2	0.000997	0.000997	0.000005	0.00432	0.00068	0.021	0.011	0.00000517	15.1	0.0000135	0.000147	0.000155	0.0011
2062 May	110	0.0291	0.0536	0.00234	17.2	0.036	60.3	0.000998	0.000998	0.00000501	0.00432	0.00068	0.0211	0.0111	0.00000517	15.1	0.0000135	0.000147	0.000156	0.0011
2062 Jun	110	0.029	0.0535	0.00234	17.1	0.0359	60.2	0.000995	0.000995	0.00000499	0.00433	0.00068	0.021	0.011	0.00000516	15.1	0.0000135	0.000147	0.000155	0.0011
2062 Jul	110	0.029	0.0535	0.00234	17.1	0.0358	60.2	0.000994	0.000994	0.00000499	0.00433	0.000681	0.021	0.011	0.00000515	15.1	0.0000136	0.000148	0.000155	0.0011
2062 Aug	110	0.0291	0.0536	0.00234	17.1	0.0359	60.3	0.000996	0.000996	0.000005	0.00434	0.000684	0.0211	0.011	0.00000516	15.1	0.0000136	0.000148	0.000155	0.0011
2062 Sep	110	0.0292	0.0536	0.00234	17.1	0.0359	60.3	0.000994	0.000994	0.00000499	0.00435	0.000684	0.0211	0.011	0.00000515	15.1	0.0000136	0.000148	0.000155	0.0011
2062 Oct	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000989	0.000989	0.00000496	0.00434	0.000683	0.021	0.011	0.00000512	15.1	0.0000135	0.000148	0.000154	0.00109
2062 Nov	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000989	0.000989	0.00000496	0.00434	0.000684	0.021	0.011	0.00000513	15.1	0.0000135	0.000148	0.000154	0.00109
2062 Dec	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000989	0.000989	0.00000496	0.00434	0.000684	0.021	0.011	0.00000513	15.1	0.0000135	0.000148	0.000154	0.00109
2063 Jan	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000989	0.000989	0.00000496	0.00434	0.000684	0.021	0.011	0.00000513	15.1	0.0000135	0.000148	0.000154	0.00109
2063 Feb	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000989	0.000989	0.00000496	0.00434	0.000684	0.021	0.011	0.00000513	15.1	0.0000135	0.000148	0.000154	0.00109

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000989	0.000989	0.00000496	0.00434	0.000684	0.021	0.011	0.00000513	15.1	0.0000135	0.000148	0.000154	0.00109
2063 Apr	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000989	0.000989	0.00000497	0.00435	0.000684	0.021	0.011	0.00000513	15.1	0.0000135	0.000148	0.000154	0.00109
2063 May	109	0.0296	0.0533	0.00233	17	0.0358	60	0.00099	0.00099	0.00000497	0.00435	0.000685	0.021	0.011	0.00000513	15.1	0.0000135	0.000148	0.000155	0.00109
2063 Jun	109	0.0295	0.053	0.00231	16.9	0.0355	59.6	0.000981	0.000981	0.00000492	0.00434	0.000685	0.0209	0.011	0.00000509	15.1	0.0000135	0.000148	0.000155	0.00108
2063 Jul	109	0.0295	0.0531	0.00231	16.9	0.0355	59.7	0.000981	0.000981	0.00000493	0.00434	0.000687	0.0209	0.0111	0.00000509	15.1	0.0000136	0.000148	0.000155	0.00108
2063 Aug	109	0.0296	0.0533	0.00232	17	0.0357	60	0.000985	0.000985	0.00000495	0.00436	0.00069	0.021	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109
2063 Sep	110	0.0298	0.0534	0.00232	17	0.0357	60	0.000986	0.000986	0.00000495	0.00437	0.000691	0.0211	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109
2063 Oct	109	0.0299	0.0533	0.00232	17	0.0357	60	0.000985	0.000985	0.00000494	0.00437	0.000692	0.021	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109
2063 Nov	109	0.0299	0.0533	0.00232	17	0.0357	60	0.000985	0.000985	0.00000494	0.00438	0.000692	0.021	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109
2063 Dec	109	0.0299	0.0533	0.00232	17	0.0357	60	0.000985	0.000985	0.00000494	0.00438	0.000692	0.021	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109
2064 Jan	109	0.0299	0.0533	0.00232	17	0.0357	60	0.000985	0.000985	0.00000494	0.00438	0.000692	0.021	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109
2064 Feb	109	0.0299	0.0533	0.00232	17	0.0357	60	0.000985	0.000985	0.00000494	0.00438	0.000692	0.021	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109
2064 Mar	109	0.0299	0.0533	0.00232	17	0.0357	60	0.000985	0.000985	0.00000495	0.00438	0.000692	0.0211	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109
2064 Apr	109	0.0299	0.0533	0.00232	17	0.0357	60	0.000985	0.000985	0.00000495	0.00438	0.000692	0.0211	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109
2064 May	110	0.03	0.0533	0.00232	17	0.0357	59.9	0.000986	0.000986	0.00000495	0.00438	0.000695	0.021	0.0112	0.00000511	15.2	0.0000137	0.00015	0.000157	0.00109
2064 Jun	109	0.0301	0.0531	0.00231	16.9	0.0355	59.6	0.00098	0.00098	0.00000492	0.00438	0.000699	0.0209	0.0113	0.00000508	15.3	0.0000137	0.000151	0.000159	0.00109
2064 Jul	110	0.0302	0.0533	0.00232	17	0.0356	59.8	0.000983	0.000983	0.00000493	0.00439	0.000702	0.021	0.0113	0.00000509	15.3	0.0000137	0.000152	0.000159	0.00109
2064 Aug	110	0.0303	0.0534	0.00232	17	0.0357	60	0.000984	0.000984	0.00000494	0.0044	0.000704	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000152	0.00016	0.00109
2064 Sep	110	0.0305	0.0534	0.00232	17	0.0357	59.9	0.000983	0.000983	0.00000494	0.00441	0.000705	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000152	0.00016	0.00109
2064 Oct	110	0.0306	0.0533	0.00232	17	0.0357	59.9	0.000984	0.000984	0.00000494	0.00441	0.000706	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000152	0.00016	0.00109
2064 Nov	110	0.0306	0.0533	0.00232	17	0.0357	59.9	0.000984	0.000984	0.00000494	0.00442	0.000707	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000152	0.00016	0.00109
2064 Dec	110	0.0306	0.0533	0.00232	17	0.0357	59.9	0.000984	0.000984	0.00000494	0.00442	0.000707	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000152	0.00016	0.00109
2065 Jan	110	0.0306	0.0533	0.00232	17	0.0357	59.9	0.000984	0.000984	0.00000494	0.00442	0.000707	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000152	0.00016	0.00109
2065 Feb	110	0.0306	0.0533	0.00232	17	0.0357	59.9	0.000984	0.000984	0.00000494	0.00442	0.000707	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000152	0.00016	0.00109
2065 Mar	110	0.0306	0.0533	0.00232	17	0.0357	59.9	0.000984	0.000984	0.00000494	0.00442	0.000707	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000153	0.00016	0.00109
2065 Apr	110	0.0306	0.0534	0.00232	17	0.0357	59.9	0.000984	0.000984	0.00000494	0.00442	0.000707	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000153	0.00016	0.00109
2065 May	110	0.0307	0.0534	0.00232	17	0.0358	59.9	0.000985	0.000985	0.00000495	0.00443	0.000709	0.0211	0.0114	0.00000511	15.4	0.0000138	0.000153	0.000161	0.00109
2065 Jun	110	0.0307	0.0533	0.00231	17	0.0356	59.7	0.000981	0.000981	0.00000492	0.00442	0.00071	0.021	0.0115	0.00000509	15.4	0.0000138	0.000153	0.000161	0.00109
2065 Jul	110	0.0308	0.0535	0.00232	17.1	0.0357	60.1	0.000985	0.000985	0.00000495	0.00445	0.000714	0.0212	0.0115	0.00000511	15.5	0.0000139	0.000154	0.000162	0.0011
2065 Aug	111	0.031	0.0537	0.00233	17.1	0.0359	60.3	0.000989	0.000989	0.00000497	0.00447	0.000718	0.0213	0.0116	0.00000513	15.6	0.0000139	0.000155	0.000162	0.0011
2065 Sep	111	0.0311	0.0537	0.00233	17.1	0.0359	60.2	0.000987	0.000987	0.00000496	0.00447	0.000718	0.0212	0.0116	0.00000512	15.5	0.0000139	0.000155	0.000162	0.0011
2065 Oct	110	0.0314	0.0534	0.00232	17	0.0358	60	0.000983	0.000983	0.00000494	0.00447	0.000718	0.0212	0.0115	0.0000051	15.5	0.0000139	0.000155	0.000161	0.00109
2065 Nov	110	0.0315	0.0534	0.00232	17	0.0358	60	0.000983	0.000983	0.00000493	0.00447	0.000718	0.0212	0.0115	0.0000051	15.5	0.0000139	0.000155	0.000161	0.00109
2065 Dec	110	0.0315	0.0534	0.00232	17	0.0358	60	0.000983	0.000983	0.00000493	0.00447	0.000718	0.0212	0.0115	0.0000051	15.5	0.0000139	0.000155	0.000161	0.00109
2066 Jan	110	0.0315	0.0534	0.00232	17	0.0358	59.9	0.000983	0.000983	0.00000493	0.00447	0.000718	0.0212	0.0115	0.0000051	15.5	0.0000139	0.000155	0.000161	0.00109
2066 Feb	110	0.0315	0.0534	0.00232	17	0.0358	60	0.000983	0.000983	0.00000493	0.00447	0.000718	0.0212	0.0115	0.0000051	15.5	0.0000139	0.000155	0.000161	0.00109
2066 Mar	110	0.0315	0.0534	0.00232	17	0.0358	60	0.000983	0.000983	0.00000494	0.00447	0.000718	0.0212	0.0115	0.0000051	15.5	0.0000139	0.000155	0.000161	0.00109
2066 Apr	110	0.0315	0.0534	0.00232	17	0.0358	60	0.000983	0.000983	0.00000494	0.00447	0.000718	0.0212	0.0115	0.0000051	15.5	0.0000139	0.000155	0.000161	0.00109
2066 May	110	0.0315	0.0535	0.00232	17	0.0359	60	0.000984	0.000984	0.00000494	0.00448	0.000719	0.0212	0.0116	0.0000051	15.5	0.0000139	0.000155	0.000162	0.0011
2066 Jun	110	0.0314	0.0533	0.00231	16.9	0.0357	59.8	0.000979	0.000979	0.00000492	0.00447	0.000719	0.0211	0.0115	0.00000508	15.5	0.0000139	0.000155	0.000161	0.00109
2066 Jul	110	0.0315	0.0536	0.00232	17	0.0358	60.1	0.000984	0.000984	0.00000494	0.0045	0.000723	0.0212	0.0116	0.0000051	15.6	0.000014	0.000156	0.000162	0.0011
2066 Aug	111	0.0316	0.0538	0.00233	17.1	0.036	60.3	0.000988	0.000988	0.00000496	0.00452	0.000726	0.0213	0.0116	0.00000512	15.6	0.000014	0.000156	0.000163	0.0011
2066 Sep	111	0.0318	0.0538	0.00233	17.1	0.036	60.4	0.000988	0.000988	0.00000496	0.00452	0.000728	0.0214	0.0116	0.00000512	15.6	0.000014	0.000157	0.000163	0.0011
2066 Oct	111	0.0319	0.0537	0.00233	17.1	0.036	60.3	0.000987	0.000987	0.00000495	0.00453	0.000728	0.0213	0.0116	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011
2066 Nov	111	0.032	0.0537	0.00233	17.1	0.036	60.3	0.000986	0.000986	0.00000495	0.00453	0.000728	0.0213	0.0116	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011
2066 Dec	111	0.032	0.0537	0.00233	17.1	0.036	60.3	0.000986	0.000986	0.00000495	0.00453	0.000728	0.0213	0.0116	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011
2067 Jan	111	0.032	0.0537	0.00233	17.1	0.036	60.3	0.000987	0.000987	0.00000495	0.00453	0.000728	0.0213	0.0116	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011
2067 Feb	111	0.032	0.0537	0.00233	17.1	0.036	60.3	0.000987	0.000987	0.00000495	0.00453	0.000728	0.0213	0.0116	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011
2067 Mar	111	0.032	0.0537	0.00233	17.1	0.036	60.3	0.000987	0.000987	0.00000495	0.00453	0.000728	0.0213	0.0117	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011
2067 Apr	111	0.032	0.0537	0.00233	17.1	0.036	60.3	0.000987	0.000987	0.00000495	0.00453	0.000729	0.0213	0.0117	0.00000512	15.6	0.000014	0.000157	0.000162	0.0011
2067 May	111	0.0321	0.0538	0.00233	17.1	0.0361	60.4	0.000988	0.000988	0.00000496	0.00454	0.00073	0.0214	0.0117	0.00000512	15.7	0.0000141	0.000157	0.000163	0.0011
2067 Jun	111	0.0321	0.0537	0.00233	17.1	0.0359	60.3	0.000985	0.000985	0.00000494	0.00453	0.000731	0.0213	0.0117	0.00000511	15.7	0.0000141	0.000157	0.000163	0.0011
2067 Jul	111	0.0322	0.054	0.00234	17.1	0.0361	60.6	0.000989	0.000989	0.00000497	0.00456	0.000735	0.0214	0.0118	0.00000513	15.7	0.0000141	0.000158	0.000164	0.0011
2067 Aug	112	0.0323	0.0541	0.00234	17.2	0.0362	60.7	0.000992	0.000992	0.00000498	0.00457	0.000738	0.0215	0.0118	0.00000514	15.8	0.0000142	0.000158	0.000164	0.00111
2067 Sep	112	0.0324	0.0542	0.00235	17.2	0.0363	60.8	0.000992	0.000992	0.00000498	0.00458	0.00074	0.0215	0.0118	0.00000515	15.8	0.0000142	0.000159	0.000165	0.00111
2067 Oct	112	0.0325	0.0541	0.00234	17.1	0.0363	60.7	0.000991	0.000991	0.00000497	0.00458	0.000739	0.0215	0.0118	0.00000514	15.8	0.0000142	0.000159	0.000164	0.00111
2067 Nov	112	0.0326	0.0541	0.00234	17.1	0.0363	60.7	0.00099	0.00099	0.00000497	0.00458	0.00074	0.0215	0.0118	0.00000513	15.8	0.0000142	0.000159	0.000164	0.00111
2067 Dec	112	0.0326	0.0541	0.00234	17.1	0.0363	60.7	0.00099	0.00099	0.00000497	0.00458	0.00074	0.0215	0.0118	0.00000513	15.8	0.0000142	0.000159	0.000164	0.00111
2068 Jan	112	0.0326	0.0541	0.00234	17.1	0.0363	60.7	0.00099	0.00099	0.00000497	0.00458	0.00074	0.0215	0.0118	0.00000514	15.8	0.0000142	0.000159	0.000164	0.00111
2068 Feb	112	0.0326	0.0541	0.00234	17.1	0.0363	60.7	0.00099	0.00099	0.00000497	0.00458	0.00074	0.0215	0.0118	0.00000514	15.8	0.0000142	0.000159	0.000164	0.00111
2068 Mar	112	0.0326	0.0541	0.00234	17.1	0.0363	60.7	0.000991	0.000991	0.00000497	0.00458	0.00074	0.0215	0.0118	0.00000514	15.8	0.0000142	0.000159	0.000164	0.00111
2068 Apr	112	0.0326	0.0541	0.00234	17.2	0.0363	60.7	0.000991	0.000991	0.00000498	0.00459	0.00074	0.0215	0.0118	0.00000514	15.8	0.0000142	0.000159	0.000164	0.00111
2068 May	112	0.0327	0.0541	0.00235	17.2	0.0363	60.7	0.000992	0.000992	0.00000498	0.00459	0.000742	0.0215	0.0118	0.00000514	15.8	0.0000142	0.000159	0.000165	0.00111
2068 Jun	111	0.0326	0.0538	0.00233	17.1	0.0359	60.3	0.000983	0.000983	0.00000493	0.00457	0.000743	0.0214	0.0119	0.0000051	15.8	0.0000142	0.00016	0.000166	0.0011
2068 Jul	111	0.0327	0.0539	0.00233	17.1	0.036	60.5	0.000985	0.000985	0.00000494	0.00459	0.000745	0.0214	0.0119	0.00000511	15.8	0.0000142	0.00016	0.000166	0.0011
2068 Aug	112	0.0328	0.0542	0.00234	17.2	0.0362	60.7	0.000989	0.000989	0.00000497	0.00461	0.000749	0.0216	0.012	0.00000513	15.9	0.0000143	0.000161	0.000167	0.00111
2068 Sep	112	0.033	0.0542	0.00234	17.2	0.0362	60.8	0.00099	0.00099	0.00000497	0.00461	0.00075	0.0216	0.012	0.00000513	15.9	0.0000143	0.000161	0.000167	0.00111
2068 Oct	112	0.0331	0.0542	0.00234	17.2	0.0363	60.8	0.00099	0.00099	0.00000497	0.00462	0.000751	0.0216	0.012	0.00000513	15.9	0.0000143	0.000161	0.000167	0.00111
2068 Nov	112	0.0331	0.0542	0.00234	17.2	0.0363	60.8	0.00099	0.00099	0.00000497	0.00462	0.000751	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111
2068 Dec	112	0.0331	0.0542	0.00234	17.2	0.0363	60.8	0.00099	0.00099	0.00000497	0.00462	0.000751	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111
2069 Jan	112	0.0331	0.0542	0.00234	17.2	0.0363	60.8	0.00099	0.00099	0.00000497	0.00462	0.000751	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111
2069 Feb	112	0.0331	0.0542	0.00234	17.2	0.0363	60.8	0.00099	0.00099	0.00000497	0.00462	0.000751	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111
2069 Mar	112	0.0331	0.0542	0.00234	17.2	0.0363	60.8	0.00099	0.00099	0.00000497	0.00462	0.000751	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111
2069 Apr	112	0.0331	0.0542	0.00234	17.2	0.0363	60.8	0.00099	0.00099	0.00000497	0.00462	0.000752	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111
2069 May	112	0.0331	0.0543	0.00235	17.2	0.0363	60.9	0.000992	0.000992	0.00000498	0.00463	0.000753	0.0216	0.012	0.00000514	16	0.0000143	0.000161	0.000167	0.00111
2069 Jun	112	0.033	0.0542	0.00234	17.1	0.0362	60.7	0.000989	0.000989	0.00000496	0.00463	0.000753	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111
2069 Jul	112	0.0331	0.0544	0.00235	17.2	0.0363	61	0.000992	0.000992	0.00000498	0.00465	0.000756	0.0217	0.012	0.00000514	16	0.0000144	0.000162	0.000168	0.00111

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	113	0.0332	0.0546	0.00236	17.2	0.0364	61.2	0.000994	0.000994	0.00000499	0.00466	0.000759	0.0217	0.0121	0.00000516	16.1	0.0000144	0.000163	0.000168	0.00111
2069 Sep	113	0.0334	0.0545	0.00235	17.2	0.0364	61.1	0.000992	0.000992	0.00000498	0.00466	0.000759	0.0217	0.0121	0.00000515	16	0.0000144	0.000163	0.000168	0.00111
2069 Oct	112	0.0335	0.0544	0.00235	17.1	0.0363	60.9	0.000989	0.000989	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111
2069 Nov	112	0.0336	0.0543	0.00235	17.1	0.0363	60.9	0.000989	0.000989	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111
2069 Dec	112	0.0336	0.0543	0.00235	17.1	0.0364	60.9	0.000989	0.000989	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111
2070 Jan	112	0.0336	0.0543	0.00235	17.1	0.0364	60.9	0.000989	0.000989	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111
2070 Feb	112	0.0336	0.0543	0.00235	17.1	0.0364	60.9	0.000989	0.000989	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111
2070 Mar	112	0.0336	0.0543	0.00235	17.1	0.0364	60.9	0.000989	0.000989	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111
2070 Apr	112	0.0336	0.0544	0.00235	17.2	0.0364	60.9	0.000989	0.000989	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111
2070 May	112	0.0336	0.0544	0.00235	17.2	0.0364	61	0.00099	0.00099	0.00000497	0.00467	0.00076	0.0217	0.0121	0.00000513	16	0.0000144	0.000163	0.000168	0.00111
2070 Jun	112	0.0337	0.0544	0.00234	17.2	0.0363	60.9	0.000987	0.000987	0.00000496	0.00466	0.000762	0.0217	0.0121	0.00000512	16.1	0.0000144	0.000163	0.000169	0.00111
2070 Jul	113	0.0338	0.0546	0.00235	17.2	0.0364	61.1	0.000991	0.000991	0.00000497	0.00468	0.000765	0.0218	0.0122	0.00000514	16.1	0.0000145	0.000164	0.000169	0.00111
2070 Aug	113	0.0339	0.0548	0.00236	17.3	0.0365	61.3	0.000993	0.000993	0.00000499	0.0047	0.000768	0.0218	0.0122	0.00000515	16.2	0.0000145	0.000164	0.00017	0.00112
2070 Sep	113	0.0341	0.0547	0.00236	17.2	0.0365	61.3	0.000992	0.000992	0.00000498	0.0047	0.000769	0.0218	0.0122	0.00000515	16.2	0.0000145	0.000164	0.00017	0.00111
2070 Oct	113	0.0342	0.0547	0.00236	17.2	0.0365	61.2	0.000991	0.000991	0.00000497	0.0047	0.000768	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111
2070 Nov	113	0.0342	0.0546	0.00235	17.2	0.0365	61.2	0.000991	0.000991	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111
2070 Dec	113	0.0342	0.0546	0.00235	17.2	0.0365	61.2	0.000991	0.000991	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111
2071 Jan	113	0.0342	0.0546	0.00235	17.2	0.0365	61.2	0.000991	0.000991	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111
2071 Feb	113	0.0342	0.0546	0.00235	17.2	0.0365	61.2	0.000991	0.000991	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111
2071 Mar	113	0.0342	0.0546	0.00235	17.2	0.0365	61.2	0.000991	0.000991	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111
2071 Apr	113	0.0342	0.0547	0.00236	17.2	0.0365	61.2	0.000991	0.000991	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111
2071 May	113	0.0342	0.0547	0.00236	17.2	0.0365	61.3	0.000991	0.000991	0.00000497	0.00471	0.00077	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000165	0.00017	0.00111
2071 Jun	113	0.0342	0.0545	0.00235	17.2	0.0363	61.1	0.000986	0.000986	0.00000495	0.00469	0.00077	0.0218	0.0122	0.00000511	16.2	0.0000145	0.000165	0.00017	0.00111
2071 Jul	113	0.0342	0.0547	0.00235	17.2	0.0364	61.2	0.000988	0.000988	0.00000496	0.00471	0.000772	0.0218	0.0122	0.00000512	16.2	0.0000146	0.000165	0.00017	0.00111
2071 Aug	113	0.0344	0.0549	0.00236	17.3	0.0365	61.5	0.000991	0.000991	0.00000498	0.00473	0.000775	0.0219	0.0123	0.00000514	16.3	0.0000146	0.000166	0.000171	0.00112
2071 Sep	113	0.0345	0.0549	0.00236	17.2	0.0365	61.5	0.00099	0.00099	0.00000497	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.000171	0.00111
2071 Oct	113	0.0345	0.0548	0.00236	17.2	0.0365	61.4	0.000989	0.000989	0.00000496	0.00473	0.000775	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.000171	0.00111
2071 Nov	113	0.0346	0.0548	0.00236	17.2	0.0365	61.4	0.000989	0.000989	0.00000496	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.00017	0.00111
2071 Dec	113	0.0346	0.0548	0.00236	17.2	0.0365	61.4	0.000989	0.000989	0.00000496	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.00017	0.00111
2072 Jan	113	0.0346	0.0548	0.00236	17.2	0.0365	61.4	0.000989	0.000989	0.00000496	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.00017	0.00111
2072 Feb	113	0.0346	0.0548	0.00236	17.2	0.0365	61.4	0.000989	0.000989	0.00000496	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.00017	0.00111
2072 Mar	113	0.0346	0.0548	0.00236	17.2	0.0365	61.4	0.000989	0.000989	0.00000496	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.00017	0.00111
2072 Apr	113	0.0346	0.0548	0.00236	17.2	0.0365	61.4	0.000989	0.000989	0.00000496	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.000171	0.00111
2072 May	113	0.0346	0.0549	0.00236	17.2	0.0366	61.5	0.00099	0.00099	0.00000497	0.00473	0.000777	0.0219	0.0123	0.00000514	16.3	0.0000146	0.000166	0.000171	0.00112
2072 Jun	113	0.0346	0.0549	0.00236	17.2	0.0365	61.5	0.000989	0.000989	0.00000497	0.00474	0.000777	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.000171	0.00111
2072 Jul	114	0.0346	0.055	0.00236	17.2	0.0366	61.6	0.000991	0.000991	0.00000497	0.00475	0.000779	0.022	0.0123	0.00000514	16.3	0.0000147	0.000166	0.000171	0.00112
2072 Aug	114	0.0347	0.0551	0.00237	17.2	0.0367	61.7	0.000991	0.000991	0.00000498	0.00476	0.000781	0.022	0.0123	0.00000514	16.3	0.0000147	0.000167	0.000171	0.00112
2072 Sep	114	0.0348	0.0551	0.00236	17.2	0.0367	61.7	0.00099	0.00099	0.00000497	0.00476	0.000782	0.022	0.0123	0.00000514	16.3	0.0000147	0.000167	0.000171	0.00112
2072 Oct	113	0.0349	0.0549	0.00236	17.2	0.0366	61.6	0.000988	0.000988	0.00000496	0.00475	0.000781	0.022	0.0123	0.00000512	16.3	0.0000147	0.000166	0.00017	0.00111
2072 Nov	113	0.0349	0.0549	0.00236	17.2	0.0366	61.5	0.000988	0.000988	0.00000496	0.00475	0.000781	0.022	0.0123	0.00000512	16.3	0.0000147	0.000166	0.00017	0.00111
2072 Dec	113	0.0349	0.0549	0.00236	17.2	0.0366	61.5	0.000988	0.000988	0.00000496	0.00475	0.000781	0.022	0.0123	0.00000512	16.3	0.0000147	0.000166	0.00017	0.00111
2073 Jan	113	0.0349	0.0549	0.00236	17.2	0.0366	61.5	0.000988	0.000988	0.00000496	0.00475	0.000781	0.022	0.0123	0.00000512	16.3	0.0000147	0.000166	0.00017	0.00111
2073 Feb	113	0.0349	0.0549	0.00236	17.2	0.0366	61.5	0.000988	0.000988	0.00000496	0.00475	0.000781	0.022	0.0123	0.00000512	16.3	0.0000147	0.000166	0.00017	0.00111
2073 Mar	113	0.0349	0.0549	0.00236	17.2	0.0366	61.5	0.000988	0.000988	0.00000496	0.00475	0.000781	0.022	0.0123	0.00000512	16.3	0.0000147	0.000167	0.00017	0.00111
2073 Apr	114	0.0349	0.055	0.00236	17.2	0.0366	61.6	0.000988	0.000988	0.00000496	0.00476	0.000781	0.022	0.0123	0.00000513	16.3	0.0000147	0.000167	0.00017	0.00111
2073 May	114	0.035	0.0549	0.00236	17.2	0.0366	61.5	0.000989	0.000989	0.00000496	0.00476	0.000784	0.022	0.0124	0.00000513	16.3	0.0000147	0.000167	0.000171	0.00112
2073 Jun	113	0.0351	0.0548	0.00235	17.2	0.0365	61.3	0.000986	0.000986	0.00000495	0.00476	0.000787	0.0219	0.0124	0.00000511	16.4	0.0000147	0.000168	0.000173	0.00111
2073 Jul	114	0.0352	0.055	0.00236	17.2	0.0366	61.5	0.000988	0.000988	0.00000496	0.00478	0.000789	0.022	0.0125	0.00000512	16.4	0.0000147	0.000169	0.000173	0.00112
2073 Aug	114	0.0353	0.0552	0.00237	17.3	0.0367	61.7	0.000991	0.000991	0.00000497	0.00479	0.000792	0.0221	0.0125	0.00000514	16.5	0.0000148	0.000169	0.000174	0.00112
2073 Sep	114	0.0354	0.0552	0.00237	17.3	0.0367	61.8	0.00099	0.00099	0.00000497	0.00479	0.000793	0.0221	0.0125	0.00000514	16.5	0.0000148	0.000169	0.000174	0.00112
2073 Oct	114	0.0355	0.0551	0.00236	17.2	0.0367	61.7	0.000988	0.000988	0.00000496	0.00479	0.000793	0.0221	0.0125	0.00000513	16.5	0.0000148	0.000169	0.000173	0.00112
2073 Nov	114	0.0355	0.0551	0.00236	17.2	0.0367	61.6	0.000988	0.000988	0.00000496	0.00479	0.000793	0.0221	0.0125	0.00000513	16.5	0.0000148	0.000169	0.000173	0.00112
2073 Dec	114	0.0355	0.0551	0.00236	17.2	0.0367	61.6	0.000988	0.000988	0.00000496	0.0048	0.000793	0.0221	0.0125	0.00000513	16.5	0.0000148	0.000169	0.000173	0.00112
2074 Jan	114	0.0355	0.0551	0.00236	17.2	0.0367	61.6	0.000988	0.000988	0.00000496	0.0048	0.000793	0.0221	0.0125	0.00000513	16.5	0.0000148	0.000169	0.000173	0.00112
2074 Feb	114	0.0355	0.0551	0.00236	17.2	0.0367	61.6	0.000988	0.000988	0.00000496	0.0048	0.000793	0.0221	0.0125	0.00000513	16.5	0.0000148	0.000169	0.000173	0.00112
2074 Mar	114	0.0355	0.0551	0.00236	17.2	0.0367	61.6	0.000988	0.000988	0.00000496	0.0048	0.000793	0.0221	0.0125	0.00000513	16.5	0.0000148	0.000169	0.000173	0.00112
2074 Apr	114	0.0356	0.0551	0.00236	17.3	0.0367	61.7	0.000989	0.000989	0.00000496	0.0048	0.000793	0.0221	0.0125	0.00000513	16.5	0.0000148	0.000169	0.000173	0.00112
2074 May	114	0.0357	0.0551	0.00236	17.3	0.0367	61.6	0.000989	0.000989	0.00000496	0.0048	0.000797	0.0221	0.0126	0.00000513	16.5	0.0000148	0.00017	0.000175	0.00112
2074 Jun	114	0.0357	0.0548	0.00235	17.2	0.0364	61.2	0.000983	0.000983	0.00000493	0.00479	0.000799	0.0219	0.0127	0.0000051	16.6	0.0000148	0.000171	0.000177	0.00111
2074 Jul	114	0.0358	0.0551	0.00236	17.3	0.0365	61.5	0.000987	0.000987	0.00000495	0.00481	0.000803	0.022	0.0127	0.00000512	16.6	0.0000149	0.000172	0.000177	0.00112
2074 Aug	115	0.036	0.0553	0.00237	17.3	0.0367	61.8	0.000991	0.000991	0.00000497	0.00484	0.000807	0.0221	0.0128	0.00000514	16.7	0.0000149	0.000172	0.000178	0.00112
2074 Sep	115	0.0362	0.0553	0.00236	17.3	0.0367	61.7	0.00099	0.00099	0.00000497	0.00484	0.000808	0.0221	0.0128	0.00000514	16.7	0.0000149	0.000172	0.000178	0.00112
2074 Oct	114	0.0363	0.0552	0.00236	17.3	0.0367	61.6	0.000989	0.000989	0.00000496	0.00484	0.000808	0.0221	0.0128	0.00000513	16.7	0.0000149	0.000172	0.000177	0.00112
2074 Nov	114	0.0364	0.0551	0.00236	17.3	0.0367	61.6	0.000989	0.000989	0.00000496	0.00485	0.000808	0.0221	0.0128	0.00000513	16.7	0.0000149	0.000172	0.000177	0.00112
2074 Dec	114	0.0364	0.0551	0.00236	17.3	0.0367	61.6	0.000989	0.000989	0.00000496	0.00485	0.000808	0.0221	0.0128	0.00000513	16.7	0.0000149	0.000172	0.000177	0.00112
2075 Jan	114	0.0364	0.0551	0.00236	17.3	0.0367	61.6	0.000989	0.000989	0.00000496	0.00485	0.000808	0.0221	0.0128	0.00000513	16.7	0.0000149	0.000172	0.000177	0.00112
2075 Feb	114	0.0364	0.0551	0.00236	17.3	0.0367	61.6	0.000989	0.000989	0.00000496	0.00485	0.000808	0.0221	0.0128	0.00000513	16.7	0.0000149	0.000172	0.000177	0.00112
2075 Mar	114	0.0364	0.0551	0.00236	17.3	0.0367	61.6	0.000989	0.000989	0.00000496	0.00485	0.000808	0.0221	0.0128	0.00000513	16.7	0.0000149	0.000172	0.000177	0.00112
2075 Apr	114	0.0365	0.0551	0.00236	17.3	0.0367	61.6	0.000989	0.000989	0.00000497	0.00485	0.000809	0.0221	0.0128	0.00000513	16.7	0.0000149	0.000173	0.000178	0.00112
2075 May	114	0.0365	0.0552	0.00236	17.3	0.0368	61.6	0.00099	0.00099	0.00000497	0.00486	0.000811	0.0221	0.0128	0.00000514	16.7	0.000015	0.000173	0.000178	0.00112
2075 Jun	114	0.0364	0.055	0.00235	17.3	0.0366	61.4	0.000987	0.000987	0.00000495	0.00485	0.000809	0.0221	0.0128	0.00000512	16.7	0.000015	0.000173	0.000178	0.00112
2075 Jul	114	0.0364	0.0551	0.00236	17.3	0.0367	61.6	0.000988	0.000988	0.00000496	0.00487	0.000811	0.0221	0.0128	0.00000513	16.7	0.000015	0.000173	0.000178	0.00112
2075 Aug	115	0.0365	0.0553	0.00237	17.3	0.0368	61.8	0.000991	0.000991	0.00000497	0.00488	0.000814	0.0222	0.0128	0.00000514	16.8	0.000015	0.000174	0.000178	0.00112
2075 Sep	115	0.0366	0.0554	0.00237	17.3	0.0368	61.9	0.000992	0.000992	0.00000498	0.00489	0.000815	0.0222	0.0129	0.00000514	16.8	0.0000151	0.000174	0.000178	0.00113
2075 Oct	115	0.0367	0.0554	0.00237	17.3	0.0368	61.8	0.000991	0.000991	0.00000498	0.00489	0.000816	0.0222	0.0129	0.00000514	16.8	0.0000151	0.000174	0.000178	0.00112
2075 Nov	115	0.0367	0.0554	0.00237	17.3	0.0368	61.8	0.000991	0.000991	0.00000498	0.00489	0.000816	0.0222	0.0129	0.00000514	16.8	0.0000151	0.000174	0.000178	0.00112
2075 Dec	115	0.0367	0.0553	0.00237	17.3	0.0369	61.8	0.000991	0.000991	0.00000498	0.00489	0.000816	0.0222	0.0129	0.00000514	16.8	0.0000151	0.000174	0.000178	0.00113

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	115	0.0367	0.0553	0.00237	17.3	0.0369	61.8	0.000991	0.000991	0.00000498	0.00489	0.000816	0.0222	0.0129	0.00000514	16.8	0.0000151	0.000174	0.000178	0.00113
2076 Feb	115	0.0367	0.0553	0.00237	17.3	0.0369	61.8	0.000991	0.000991	0.00000498	0.00489	0.000816	0.0222	0.0129	0.00000514	16.8	0.0000151	0.000174	0.000178	0.00113
2076 Mar	115	0.0367	0.0554	0.00237	17.3	0.0369	61.8	0.000991	0.000991	0.00000498	0.00489	0.000816	0.0222	0.0129	0.00000514	16.8	0.0000151	0.000174	0.000178	0.00113
2076 Apr	115	0.0367	0.0554	0.00237	17.3	0.0369	61.8	0.000992	0.000992	0.00000498	0.0049	0.000816	0.0222	0.0129	0.00000514	16.8	0.0000151	0.000174	0.000178	0.00113
2076 May	115	0.0368	0.0554	0.00237	17.4	0.0369	61.9	0.000993	0.000993	0.00000498	0.0049	0.000818	0.0223	0.0129	0.00000515	16.8	0.0000151	0.000174	0.000179	0.00113
2076 Jun	115	0.0367	0.0553	0.00236	17.3	0.0367	61.7	0.000988	0.000988	0.00000496	0.00489	0.000817	0.0222	0.0129	0.00000512	16.8	0.0000151	0.000174	0.000179	0.00112
2076 Jul	115	0.0368	0.0554	0.00237	17.3	0.0368	61.9	0.00099	0.00099	0.00000497	0.0049	0.000819	0.0223	0.0129	0.00000514	16.8	0.0000151	0.000175	0.000179	0.00112
2076 Aug	115	0.0369	0.0557	0.00238	17.4	0.0369	62.2	0.000994	0.000994	0.00000499	0.00492	0.000823	0.0224	0.013	0.00000516	16.9	0.0000152	0.000176	0.00018	0.00113
2076 Sep	116	0.037	0.0558	0.00238	17.4	0.037	62.3	0.000995	0.000995	0.00000499	0.00493	0.000824	0.0224	0.013	0.00000516	16.9	0.0000152	0.000176	0.00018	0.00113
2076 Oct	115	0.0371	0.0557	0.00238	17.4	0.037	62.2	0.000993	0.000993	0.00000498	0.00493	0.000824	0.0224	0.013	0.00000515	16.9	0.0000152	0.000176	0.00018	0.00113
2076 Nov	115	0.0372	0.0556	0.00238	17.4	0.037	62.1	0.000993	0.000993	0.00000498	0.00493	0.000824	0.0224	0.013	0.00000515	16.9	0.0000152	0.000176	0.00018	0.00113
2076 Dec	115	0.0372	0.0556	0.00238	17.4	0.037	62.1	0.000993	0.000993	0.00000498	0.00493	0.000824	0.0224	0.013	0.00000515	16.9	0.0000152	0.000176	0.00018	0.00113
2077 Jan	115	0.0372	0.0556	0.00238	17.4	0.037	62.1	0.000993	0.000993	0.00000498	0.00493	0.000824	0.0224	0.013	0.00000515	16.9	0.0000152	0.000176	0.00018	0.00113
2077 Feb	115	0.0372	0.0556	0.00238	17.4	0.037	62.1	0.000993	0.000993	0.00000498	0.00493	0.000824	0.0224	0.013	0.00000515	16.9	0.0000152	0.000176	0.00018	0.00113
2077 Mar	115	0.0372	0.0556	0.00238	17.4	0.037	62.1	0.000993	0.000993	0.00000498	0.00493	0.000824	0.0224	0.013	0.00000515	16.9	0.0000152	0.000176	0.00018	0.00113
2077 Apr	115	0.0372	0.0557	0.00238	17.4	0.037	62.2	0.000993	0.000993	0.00000499	0.00494	0.000824	0.0224	0.013	0.00000515	16.9	0.0000152	0.000176	0.00018	0.00113
2077 May	115	0.0373	0.0557	0.00238	17.4	0.037	62.2	0.000994	0.000994	0.00000499	0.00494	0.000826	0.0224	0.013	0.00000516	16.9	0.0000152	0.000176	0.00018	0.00113
2077 Jun	115	0.0372	0.0555	0.00237	17.3	0.0368	61.9	0.000989	0.000989	0.00000496	0.00493	0.000827	0.0223	0.013	0.00000513	16.9	0.0000152	0.000176	0.000181	0.00113
2077 Jul	116	0.0374	0.0557	0.00238	17.4	0.0369	62.2	0.000992	0.000992	0.00000498	0.00495	0.00083	0.0224	0.0131	0.00000515	17	0.0000153	0.000177	0.000182	0.00113
2077 Aug	116	0.0375	0.056	0.00239	17.5	0.0371	62.5	0.000996	0.000996	0.000005	0.00497	0.000834	0.0225	0.0131	0.00000517	17.1	0.0000153	0.000178	0.000182	0.00113
2077 Sep	116	0.0376	0.0559	0.00238	17.4	0.037	62.4	0.000993	0.000993	0.00000499	0.00496	0.000833	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113
2077 Oct	116	0.0377	0.0558	0.00238	17.4	0.037	62.3	0.000993	0.000993	0.00000498	0.00497	0.000833	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113
2077 Nov	116	0.0377	0.0558	0.00238	17.4	0.037	62.3	0.000993	0.000993	0.00000499	0.00497	0.000834	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113
2077 Dec	116	0.0377	0.0558	0.00238	17.4	0.0371	62.3	0.000993	0.000993	0.00000499	0.00497	0.000834	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113
2078 Jan	116	0.0377	0.0558	0.00238	17.4	0.0371	62.3	0.000993	0.000993	0.00000499	0.00497	0.000834	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113
2078 Feb	116	0.0377	0.0558	0.00238	17.4	0.0371	62.3	0.000993	0.000993	0.00000499	0.00497	0.000834	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113
2078 Mar	116	0.0377	0.0558	0.00238	17.4	0.0371	62.3	0.000993	0.000993	0.00000499	0.00497	0.000834	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113
2078 Apr	116	0.0377	0.0559	0.00238	17.4	0.0371	62.4	0.000994	0.000994	0.00000499	0.00497	0.000834	0.0225	0.0131	0.00000516	17	0.0000153	0.000178	0.000182	0.00113
2078 May	116	0.0378	0.0558	0.00238	17.4	0.037	62.3	0.000993	0.000993	0.00000499	0.00497	0.000837	0.0224	0.0132	0.00000515	17.1	0.0000153	0.000179	0.000183	0.00113
2078 Jun	116	0.0378	0.0557	0.00237	17.4	0.0368	62.1	0.000988	0.000988	0.00000496	0.00496	0.000838	0.0224	0.0133	0.00000513	17.1	0.0000153	0.000179	0.000184	0.00113
2078 Jul	116	0.038	0.0559	0.00238	17.5	0.037	62.3	0.000993	0.000993	0.00000498	0.00498	0.000842	0.0225	0.0133	0.00000515	17.2	0.0000154	0.00018	0.000185	0.00113
2078 Aug	116	0.038	0.0561	0.00239	17.5	0.0371	62.5	0.000995	0.000995	0.00000499	0.005	0.000845	0.0225	0.0133	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114
2078 Sep	117	0.0382	0.0561	0.00239	17.5	0.0371	62.6	0.000995	0.000995	0.000005	0.005	0.000846	0.0226	0.0134	0.00000517	17.2	0.0000154	0.00018	0.000185	0.00114
2078 Oct	116	0.0383	0.0561	0.00239	17.5	0.0371	62.5	0.000995	0.000995	0.00000499	0.00501	0.000846	0.0226	0.0134	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114
2078 Nov	116	0.0383	0.0561	0.00239	17.5	0.0372	62.5	0.000995	0.000995	0.00000499	0.00501	0.000846	0.0226	0.0134	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114
2078 Dec	116	0.0383	0.0561	0.00239	17.5	0.0372	62.5	0.000995	0.000995	0.00000499	0.00501	0.000846	0.0226	0.0134	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114
2079 Jan	116	0.0383	0.0561	0.00239	17.5	0.0372	62.5	0.000995	0.000995	0.00000499	0.00501	0.000846	0.0226	0.0134	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114
2079 Feb	116	0.0383	0.0561	0.00239	17.5	0.0372	62.5	0.000995	0.000995	0.00000499	0.00501	0.000846	0.0226	0.0134	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114
2079 Mar	116	0.0383	0.0561	0.00239	17.5	0.0372	62.5	0.000995	0.000995	0.00000499	0.00501	0.000846	0.0226	0.0134	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114
2079 Apr	117	0.0384	0.0561	0.00239	17.5	0.0372	62.5	0.000995	0.000995	0.000005	0.00501	0.000847	0.0226	0.0134	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114
2079 May	117	0.0384	0.0562	0.00239	17.5	0.0372	62.6	0.000996	0.000996	0.000005	0.00502	0.000848	0.0226	0.0134	0.00000517	17.3	0.0000154	0.000181	0.000186	0.00114
2079 Jun	116	0.0382	0.0559	0.00238	17.4	0.037	62.3	0.000991	0.000991	0.00000497	0.00501	0.000846	0.0225	0.0133	0.00000514	17.2	0.0000154	0.00018	0.000185	0.00113
2079 Jul	116	0.0382	0.056	0.00238	17.4	0.037	62.4	0.000992	0.000992	0.00000498	0.00501	0.000847	0.0225	0.0133	0.00000515	17.2	0.0000155	0.000181	0.000185	0.00113
2079 Aug	117	0.0383	0.0562	0.00239	17.5	0.0371	62.7	0.000995	0.000995	0.00000499	0.00503	0.000851	0.0226	0.0134	0.00000516	17.3	0.0000155	0.000181	0.000186	0.00114
2079 Sep	117	0.0384	0.0562	0.00239	17.5	0.0372	62.6	0.000994	0.000994	0.00000499	0.00503	0.000851	0.0226	0.0134	0.00000516	17.3	0.0000155	0.000181	0.000185	0.00114
2079 Oct	117	0.0385	0.0561	0.00239	17.5	0.0371	62.6	0.000993	0.000993	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.3	0.0000155	0.000181	0.000185	0.00114
2079 Nov	117	0.0386	0.0561	0.00238	17.5	0.0371	62.5	0.000992	0.000992	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.3	0.0000155	0.000181	0.000185	0.00114
2079 Dec	116	0.0386	0.0561	0.00238	17.4	0.0371	62.5	0.000992	0.000992	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.2	0.0000155	0.000181	0.000185	0.00114
2080 Jan	116	0.0386	0.0561	0.00238	17.4	0.0371	62.5	0.000992	0.000992	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.2	0.0000155	0.000181	0.000185	0.00114
2080 Feb	116	0.0386	0.0561	0.00238	17.4	0.0371	62.5	0.000992	0.000992	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.2	0.0000155	0.000181	0.000185	0.00114
2080 Mar	116	0.0386	0.0561	0.00238	17.4	0.0371	62.5	0.000992	0.000992	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.2	0.0000155	0.000181	0.000185	0.00114
2080 Apr	117	0.0386	0.0561	0.00238	17.5	0.0371	62.5	0.000992	0.000992	0.00000498	0.00504	0.000851	0.0226	0.0134	0.00000515	17.3	0.0000155	0.000181	0.000185	0.00114
2080 May	117	0.0387	0.0562	0.00239	17.5	0.0372	62.6	0.000994	0.000994	0.00000499	0.00504	0.000852	0.0226	0.0134	0.00000516	17.3	0.0000155	0.000181	0.000185	0.00114
2080 Jun	117	0.0386	0.0561	0.00238	17.4	0.0371	62.5	0.000992	0.000992	0.00000498	0.00504	0.000851	0.0226	0.0134	0.00000515	17.2	0.0000155	0.000181	0.000185	0.00113
2080 Jul	117	0.0385	0.0562	0.00239	17.4	0.0371	62.7	0.000992	0.000992	0.00000498	0.00505	0.000853	0.0227	0.0134	0.00000515	17.3	0.0000155	0.000181	0.000185	0.00114
2080 Aug	117	0.0386	0.0563	0.00239	17.5	0.0372	62.8	0.000994	0.000994	0.00000499	0.00506	0.000855	0.0227	0.0134	0.00000516	17.3	0.0000156	0.000182	0.000185	0.00114
2080 Sep	117	0.0387	0.0564	0.00239	17.5	0.0372	62.8	0.000994	0.000994	0.00000499	0.00506	0.000856	0.0227	0.0134	0.00000516	17.3	0.0000156	0.000182	0.000185	0.00114
2080 Oct	117	0.0388	0.0563	0.00239	17.5	0.0372	62.8	0.000993	0.000993	0.00000499	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114
2080 Nov	117	0.0388	0.0563	0.00239	17.4	0.0372	62.8	0.000993	0.000993	0.00000498	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114
2080 Dec	117	0.0389	0.0563	0.00239	17.4	0.0372	62.8	0.000993	0.000993	0.00000498	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114
2081 Jan	117	0.0389	0.0563	0.00239	17.4	0.0372	62.8	0.000993	0.000993	0.00000498	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114
2081 Feb	117	0.0389	0.0563	0.00239	17.4	0.0372	62.8	0.000993	0.000993	0.00000498	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114
2081 Mar	117	0.0389	0.0563	0.00239	17.4	0.0372	62.8	0.000993	0.000993	0.00000498	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114
2081 Apr	117	0.0389	0.0563	0.00239	17.4	0.0373	62.8	0.000993	0.000993	0.00000499	0.00507	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114
2081 May	117	0.0389	0.0563	0.00239	17.5	0.0373	62.8	0.000993	0.000993	0.00000499	0.00507	0.000858	0.0227	0.0134	0.00000516	17.3	0.0000156	0.000182	0.000186	0.00114
2081 Jun	117	0.0389	0.0563	0.00239	17.4	0.0371	62.7	0.000991	0.000991	0.00000497	0.00506	0.000858	0.0227	0.0134	0.00000514	17.3	0.0000156	0.000183	0.000186	0.00114
2081 Jul	117	0.0391	0.0565	0.0024	17.5	0.0373	63	0.000995	0.000995	0.000005	0.00509	0.000863	0.0228	0.0135	0.00000517	17.4	0.0000157	0.000183	0.000187	0.00114
2081 Aug	118	0.0393	0.0568	0.00241	17.6	0.0375	63.3	0.001	0.001	0.00000502	0.00511	0.000867	0.0229	0.0136	0.00000519	17.5	0.0000157	0.000184	0.000188	0.00115
2081 Sep	118	0.0393	0.0568	0.00241	17.6	0.0375	63.4	0.001	0.001	0.00000502	0.00512	0.000868	0.0229	0.0136	0.00000519	17.5	0.0000157	0.000184	0.000188	0.00115
2081 Oct	118	0.0394	0.0568	0.00241	17.6	0.0376	63.4	0.001	0.001	0.00000502	0.00512	0.000868	0.0229	0.0136	0.00000519	17.5	0.0000157	0.000184	0.000188	0.00115
2081 Nov	118	0.0395	0.0568	0.00241	17.6	0.0375	63.3	0.000999	0.000999	0.00000501	0.00512	0.000868	0.0229	0.0136	0.00000518	17.5	0.0000157	0.000184	0.000187	0.00115
2081 Dec	118	0.0395	0.0568	0.00241	17.6	0.0375	63.3	0.000999	0.000999	0.00000501	0.00512	0.000868	0.0229	0.0136	0.00000518	17.5	0.0000157	0.000184	0.000187	0.00115
2082 Jan	118	0.0395	0.0568	0.00241	17.6	0.0375	63.3	0.000999	0.000999	0.00000501	0.00512	0.000868	0.0229	0.0136	0.00000518	17.5	0.0000157	0.000184	0.000187	0.00115
2082 Feb	118	0.0395	0.0568	0.00241	17.6	0.0375	63.3	0.000999	0.000999	0.00000501	0.00512	0.000868	0.0229	0.0136	0.00000518	17.5	0.0000157	0.000184	0.000187	0.00115
2082 Mar	118	0.0395	0.0568	0.00241	17.6	0.0375	63.3	0.000999	0.000999	0.00000501	0.00512	0.000868	0.0229	0.0136	0.00000518	17.5	0.0000157	0.000184	0.000187	0.00115
2082 Apr	118	0.0395	0.0568	0.00241	17.6	0.0375	63.3	0.000999	0.000999	0.00000502	0.00512	0.000868	0.0229	0.0136	0.00000519	17.5	0.0000157	0.000184	0.000187	0.00115
2082 May	118	0.0396	0.0568	0.00241	17.6	0.0376	63.4	0.001	0.001	0.00000502	0.00513	0.000869	0.023	0.0136	0.00000519	17.5	0.0000158	0.000185	0.000188	0.00115

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	117	0.0393	0.0565	0.0024	17.5	0.0374	63	0.000996	0.000996	0.000005	0.00512	0.000866	0.0229	0.0135	0.00000517	17.4	0.0000157	0.000184	0.000187	0.00114
2082 Jul	117	0.0392	0.0565	0.0024	17.4	0.0373	63	0.000994	0.000994	0.00000499	0.00513	0.000866	0.0229	0.0135	0.00000516	17.4	0.0000158	0.000184	0.000186	0.00114
2082 Aug	118	0.0393	0.0567	0.00241	17.5	0.0374	63.2	0.000997	0.000997	0.00000501	0.00514	0.00087	0.0229	0.0135	0.00000518	17.5	0.0000158	0.000185	0.000187	0.00114
2082 Sep	118	0.0394	0.0568	0.00241	17.5	0.0375	63.3	0.000998	0.000998	0.00000501	0.00515	0.000871	0.023	0.0136	0.00000518	17.5	0.0000158	0.000185	0.000187	0.00114
2082 Oct	118	0.0395	0.0567	0.0024	17.5	0.0374	63.2	0.000996	0.000996	0.000005	0.00515	0.00087	0.0229	0.0135	0.00000517	17.5	0.0000158	0.000185	0.000186	0.00114
2082 Nov	118	0.0396	0.0567	0.0024	17.5	0.0374	63.2	0.000996	0.000996	0.000005	0.00515	0.00087	0.0229	0.0135	0.00000517	17.5	0.0000158	0.000185	0.000186	0.00114
2082 Dec	118	0.0396	0.0567	0.0024	17.5	0.0374	63.2	0.000996	0.000996	0.000005	0.00515	0.00087	0.0229	0.0135	0.00000517	17.5	0.0000158	0.000185	0.000186	0.00114
2083 Jan	118	0.0396	0.0567	0.0024	17.5	0.0374	63.2	0.000996	0.000996	0.000005	0.00515	0.00087	0.0229	0.0135	0.00000517	17.5	0.0000158	0.000185	0.000186	0.00114
2083 Feb	118	0.0396	0.0567	0.0024	17.5	0.0374	63.2	0.000996	0.000996	0.000005	0.00515	0.00087	0.0229	0.0135	0.00000517	17.5	0.0000158	0.000185	0.000186	0.00114
2083 Mar	118	0.0396	0.0567	0.0024	17.5	0.0375	63.2	0.000996	0.000996	0.000005	0.00515	0.00087	0.0229	0.0135	0.00000517	17.5	0.0000158	0.000185	0.000186	0.00114
2083 Apr	118	0.0396	0.0567	0.0024	17.5	0.0375	63.2	0.000996	0.000996	0.000005	0.00515	0.000871	0.023	0.0135	0.00000517	17.5	0.0000158	0.000185	0.000187	0.00114
2083 May	118	0.0397	0.0567	0.0024	17.5	0.0375	63.2	0.000997	0.000997	0.00000501	0.00516	0.000873	0.023	0.0136	0.00000518	17.5	0.0000159	0.000186	0.000188	0.00114
2083 Jun	117	0.0396	0.0565	0.00239	17.4	0.0372	62.9	0.000992	0.000992	0.00000498	0.00515	0.000874	0.0228	0.0137	0.00000515	17.5	0.0000158	0.000186	0.000189	0.00114
2083 Jul	118	0.0397	0.0567	0.0024	17.5	0.0373	63.1	0.000994	0.000994	0.00000499	0.00516	0.000877	0.0229	0.0137	0.00000516	17.6	0.0000159	0.000186	0.000189	0.00114
2083 Aug	118	0.0397	0.0568	0.0024	17.5	0.0374	63.2	0.000996	0.000996	0.000005	0.00517	0.000879	0.023	0.0137	0.00000517	17.6	0.0000159	0.000187	0.000189	0.00114
2083 Sep	118	0.0399	0.0568	0.0024	17.5	0.0374	63.2	0.000995	0.000995	0.000005	0.00517	0.00088	0.023	0.0137	0.00000517	17.6	0.0000159	0.000187	0.000189	0.00114
2083 Oct	118	0.04	0.0566	0.0024	17.5	0.0374	63.1	0.000993	0.000993	0.00000498	0.00517	0.000879	0.0229	0.0137	0.00000515	17.6	0.0000159	0.000186	0.000189	0.00114
2083 Nov	118	0.04	0.0566	0.0024	17.4	0.0374	63	0.000992	0.000992	0.00000498	0.00517	0.000878	0.0229	0.0137	0.00000515	17.6	0.0000159	0.000186	0.000188	0.00114
2083 Dec	118	0.04	0.0566	0.0024	17.4	0.0374	63	0.000992	0.000992	0.00000498	0.00517	0.000878	0.0229	0.0137	0.00000515	17.6	0.0000159	0.000186	0.000188	0.00114
2084 Jan	118	0.04	0.0566	0.0024	17.4	0.0374	63	0.000992	0.000992	0.00000498	0.00517	0.000878	0.0229	0.0137	0.00000515	17.6	0.0000159	0.000186	0.000188	0.00114
2084 Feb	118	0.04	0.0566	0.0024	17.4	0.0374	63	0.000992	0.000992	0.00000498	0.00517	0.000878	0.0229	0.0137	0.00000515	17.6	0.0000159	0.000186	0.000188	0.00114
2084 Mar	118	0.04	0.0566	0.0024	17.5	0.0374	63	0.000992	0.000992	0.00000498	0.00517	0.000879	0.0229	0.0137	0.00000515	17.6	0.0000159	0.000186	0.000188	0.00114
2084 Apr	118	0.0401	0.0566	0.0024	17.5	0.0374	63.1	0.000993	0.000993	0.00000498	0.00517	0.000879	0.0229	0.0137	0.00000515	17.6	0.0000159	0.000186	0.000189	0.00114
2084 May	118	0.0402	0.0566	0.0024	17.5	0.0374	63.1	0.000994	0.000994	0.00000499	0.00518	0.000881	0.0229	0.0137	0.00000516	17.6	0.0000159	0.000187	0.000189	0.00114
2084 Jun	117	0.0401	0.0565	0.00239	17.4	0.0372	62.8	0.000988	0.000988	0.00000496	0.00516	0.000881	0.0229	0.0138	0.00000513	17.6	0.0000159	0.000187	0.00019	0.00114
2084 Jul	118	0.0402	0.0567	0.0024	17.5	0.0373	63.1	0.000991	0.000991	0.00000498	0.00518	0.000884	0.0229	0.0138	0.00000515	17.6	0.0000159	0.000188	0.000191	0.00114
2084 Aug	118	0.0403	0.0569	0.0024	17.5	0.0374	63.3	0.000994	0.000994	0.00000499	0.0052	0.000887	0.023	0.0138	0.00000516	17.7	0.000016	0.000188	0.000191	0.00115
2084 Sep	118	0.0404	0.0569	0.0024	17.5	0.0374	63.3	0.000994	0.000994	0.00000499	0.0052	0.000888	0.023	0.0138	0.00000516	17.7	0.000016	0.000188	0.000191	0.00115
2084 Oct	118	0.0405	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.0052	0.000888	0.023	0.0138	0.00000515	17.7	0.000016	0.000188	0.000191	0.00114
2084 Nov	118	0.0405	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.0052	0.000887	0.023	0.0138	0.00000515	17.7	0.000016	0.000188	0.000191	0.00114
2084 Dec	118	0.0405	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.0052	0.000888	0.023	0.0138	0.00000515	17.7	0.000016	0.000188	0.000191	0.00114
2085 Jan	118	0.0405	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.0052	0.000888	0.023	0.0138	0.00000515	17.7	0.000016	0.000188	0.000191	0.00114
2085 Feb	118	0.0406	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.0052	0.000888	0.023	0.0138	0.00000515	17.7	0.000016	0.000188	0.000191	0.00114
2085 Mar	118	0.0406	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.0052	0.000888	0.023	0.0138	0.00000515	17.7	0.000016	0.000188	0.000191	0.00114
2085 Apr	118	0.0406	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.0052	0.000888	0.023	0.0138	0.00000515	17.7	0.000016	0.000188	0.000191	0.00114
2085 May	118	0.0406	0.0568	0.0024	17.5	0.0374	63.2	0.000993	0.000993	0.00000499	0.00521	0.00089	0.023	0.0139	0.00000516	17.7	0.000016	0.000189	0.000191	0.00114
2085 Jun	118	0.0407	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.00521	0.000892	0.023	0.0139	0.00000515	17.8	0.000016	0.000189	0.000192	0.00114
2085 Jul	119	0.0408	0.0571	0.00241	17.6	0.0375	63.5	0.000995	0.000995	0.000005	0.00523	0.000895	0.0231	0.014	0.00000517	17.8	0.0000161	0.00019	0.000193	0.00115
2085 Aug	119	0.0409	0.0571	0.00241	17.6	0.0376	63.6	0.000996	0.000996	0.000005	0.00523	0.000897	0.0231	0.014	0.00000517	17.9	0.0000161	0.00019	0.000193	0.00115
2085 Sep	119	0.041	0.0571	0.00241	17.6	0.0376	63.5	0.000995	0.000995	0.00000499	0.00523	0.000897	0.0231	0.014	0.00000516	17.8	0.000016	0.00019	0.000193	0.00115
2085 Oct	119	0.0411	0.057	0.0024	17.5	0.0376	63.4	0.000993	0.000993	0.00000499	0.00523	0.000897	0.0231	0.014	0.00000516	17.8	0.000016	0.00019	0.000192	0.00115
2085 Nov	118	0.0411	0.0569	0.0024	17.5	0.0375	63.3	0.000992	0.000992	0.00000498	0.00523	0.000896	0.0231	0.014	0.00000515	17.8	0.000016	0.00019	0.000192	0.00115
2085 Dec	118	0.0411	0.0569	0.0024	17.5	0.0376	63.3	0.000992	0.000992	0.00000498	0.00523	0.000896	0.0231	0.014	0.00000515	17.8	0.000016	0.00019	0.000192	0.00115
2086 Jan	118	0.0411	0.0569	0.0024	17.5	0.0376	63.3	0.000992	0.000992	0.00000498	0.00523	0.000896	0.0231	0.014	0.00000515	17.8	0.000016	0.00019	0.000192	0.00115
2086 Feb	118	0.0411	0.0569	0.0024	17.5	0.0376	63.3	0.000992	0.000992	0.00000498	0.00523	0.000896	0.0231	0.014	0.00000515	17.8	0.000016	0.00019	0.000192	0.00115
2086 Mar	118	0.0411	0.0569	0.0024	17.5	0.0376	63.3	0.000993	0.000993	0.00000498	0.00523	0.000897	0.0231	0.014	0.00000515	17.8	0.000016	0.00019	0.000192	0.00115
2086 Apr	119	0.0412	0.0569	0.0024	17.5	0.0376	63.3	0.000993	0.000993	0.00000498	0.00523	0.000897	0.0231	0.014	0.00000516	17.8	0.000016	0.00019	0.000192	0.00115
2086 May	119	0.0412	0.057	0.00241	17.6	0.0376	63.4	0.000994	0.000994	0.00000499	0.00524	0.000898	0.0231	0.014	0.00000516	17.8	0.0000161	0.00019	0.000193	0.00115
2086 Jun	118	0.0411	0.0568	0.00239	17.5	0.0374	63.1	0.00099	0.00099	0.00000497	0.00523	0.000898	0.023	0.014	0.00000514	17.8	0.000016	0.00019	0.000193	0.00114
2086 Jul	119	0.0412	0.057	0.0024	17.5	0.0375	63.4	0.000992	0.000992	0.00000498	0.00525	0.000901	0.0231	0.014	0.00000515	17.9	0.0000161	0.000191	0.000193	0.00115
2086 Aug	119	0.0412	0.0571	0.00241	17.6	0.0376	63.5	0.000994	0.000994	0.00000499	0.00526	0.000904	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000191	0.000194	0.00115
2086 Sep	119	0.0413	0.0571	0.00241	17.5	0.0376	63.5	0.000994	0.000994	0.00000499	0.00526	0.000904	0.0232	0.014	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115
2086 Oct	119	0.0414	0.0571	0.00241	17.5	0.0376	63.5	0.000993	0.000993	0.00000499	0.00527	0.000904	0.0232	0.014	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115
2086 Nov	119	0.0415	0.0571	0.00241	17.5	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000905	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115
2086 Dec	119	0.0415	0.0571	0.00241	17.5	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000905	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115
2087 Jan	119	0.0415	0.0571	0.00241	17.5	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000905	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115
2087 Feb	119	0.0415	0.0571	0.00241	17.5	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000905	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115
2087 Mar	119	0.0415	0.0571	0.00241	17.6	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000905	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115
2087 Apr	119	0.0415	0.0571	0.00241	17.6	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000905	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000192	0.000193	0.00115
2087 May	119	0.0415	0.0571	0.00241	17.6	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000906	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000192	0.000194	0.00115
2087 Jun	119	0.0415	0.057	0.0024	17.5	0.0375	63.4	0.000992	0.000992	0.00000498	0.00527	0.000907	0.0231	0.0141	0.00000515	18	0.0000161	0.000192	0.000195	0.00115
2087 Jul	119	0.0416	0.0572	0.00241	17.6	0.0377	63.6	0.000994	0.000994	0.00000499	0.00528	0.000911	0.0232	0.0142	0.00000516	18	0.0000162	0.000193	0.000195	0.00115
2087 Aug	120	0.0418	0.0574	0.00242	17.6	0.0378	63.8	0.000998	0.000998	0.00000501	0.0053	0.000914	0.0233	0.0142	0.00000518	18.1	0.0000162	0.000193	0.000196	0.00116
2087 Sep	120	0.0419	0.0575	0.00242	17.7	0.0379	63.9	0.000999	0.000999	0.00000502	0.00531	0.000916	0.0233	0.0142	0.00000519	18.1	0.0000163	0.000194	0.000196	0.00116
2087 Oct	120	0.042	0.0575	0.00242	17.7	0.0379	63.9	0.000998	0.000998	0.00000501	0.00531	0.000916	0.0233	0.0142	0.00000518	18.1	0.0000163	0.000194	0.000196	0.00116
2087 Nov	120	0.042	0.0574	0.00242	17.7	0.0379	63.9	0.000998	0.000998	0.00000501	0.00531	0.000916	0.0233	0.0142	0.00000518	18.1	0.0000163	0.000194	0.000196	0.00116
2087 Dec	120	0.0421	0.0574	0.00242	17.7	0.0379	63.9	0.000998	0.000998	0.00000501	0.00531	0.000916	0.0233	0.0142	0.00000518	18.1	0.0000163	0.000194	0.000196	0.00116
2088 Jan	120	0.0421	0.0574	0.00242	17.7	0.0379	63.9	0.000998	0.000998	0.00000501	0.00531	0.000916	0.0233	0.0142	0.00000518	18.1	0.0000163	0.000194	0.000196	0.00116
2088 Feb	120	0.0421	0.0574	0.00242	17.7	0.0379	63.9	0.000998	0.000998	0.00000501	0.00531	0.000916	0.0233	0.0142	0.00000518	18.1	0.0000163	0.000194	0.000196	0.00116
2088 Mar	120	0.0421	0.0574	0.00242	17.7	0.0379	63.9	0.000998	0.000998	0.00000501	0.00531	0.000916	0.0233	0.0142	0.00000518	18.1	0.0000163	0.000194	0.000196	0.00116
2088 Apr	120	0.0421	0.0575	0.00242	17.7	0.0379	63.9	0.000999	0.000999	0.00000502	0.00532	0.000917	0.0234	0.0143	0.00000519	18.1	0.0000163	0.000194	0.000196	0.00116
2088 May	120	0.0422	0.0576	0.00243	17.7	0.038	64	0.001	0.001	0.00000502	0.00533	0.000918	0.0234	0.0143	0.0000052	18.1	0.0000163	0.000194	0.000197	0.00116
2088 Jun	120	0.042	0.0575	0.00242	17.7	0.0379	63.9	0.000999	0.000999	0.00000501	0.00533	0.000918	0.0234	0.0143	0.00000519	18.1	0.0000163	0.000194	0.000196	0.00116
2088 Jul	120	0.0422	0.0577	0.00243	17.7	0.038	64.2	0.001	0.001	0.00000503	0.00535	0.000921	0.0235	0.0143	0.0000052	18.2	0.0000164	0.000195	0.000197	0.00116
2088 Aug	121	0.0424	0.058	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000506	0.00537	0.000926	0.0236	0.0144	0.00000523	18.3	0.0000165	0.000196	0.000198	0.00117
2088 Sep	121	0.0425	0.0581	0.00245	17.8	0.0383	64.6	0.00101	0.00101	0.00000506	0.00538	0.000928	0.0236	0.0144	0.00000524	18.3	0.0000165	0.000196	0.000198	0.00117
2088 Oct	121	0.0426	0.058	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000505	0.00538	0.000926	0.0236	0.0144	0.00000522	18.2	0.0000164	0.000196	0.000197	0.00117

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	121	0.0426	0.0579	0.00244	17.8	0.0382	64.4	0.00101	0.00101	0.00000505	0.00538	0.000926	0.0236	0.0144	0.00000522	18.2	0.0000164	0.000196	0.000197	0.00117
2088 Dec	121	0.0426	0.0579	0.00244	17.8	0.0382	64.4	0.00101	0.00101	0.00000505	0.00538	0.000926	0.0236	0.0144	0.00000522	18.2	0.0000164	0.000196	0.000197	0.00117
2089 Jan	121	0.0426	0.0579	0.00244	17.8	0.0382	64.4	0.00101	0.00101	0.00000505	0.00538	0.000926	0.0236	0.0144	0.00000522	18.2	0.0000164	0.000196	0.000197	0.00117
2089 Feb	121	0.0426	0.0579	0.00244	17.8	0.0382	64.4	0.00101	0.00101	0.00000505	0.00538	0.000926	0.0236	0.0144	0.00000522	18.2	0.0000164	0.000196	0.000197	0.00117
2089 Mar	121	0.0426	0.0579	0.00244	17.8	0.0382	64.4	0.00101	0.00101	0.00000505	0.00538	0.000926	0.0236	0.0144	0.00000522	18.2	0.0000164	0.000196	0.000197	0.00117
2089 Apr	121	0.0427	0.058	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000505	0.00538	0.000927	0.0236	0.0144	0.00000522	18.3	0.0000165	0.000196	0.000197	0.00117
2089 May	121	0.0427	0.058	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000505	0.00539	0.000928	0.0236	0.0144	0.00000523	18.3	0.0000165	0.000196	0.000198	0.00117
2089 Jun	121	0.0428	0.058	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000505	0.00539	0.000931	0.0236	0.0145	0.00000522	18.3	0.0000165	0.000197	0.000199	0.00117
2089 Jul	121	0.0429	0.0582	0.00245	17.9	0.0383	64.7	0.00101	0.00101	0.00000506	0.0054	0.000934	0.0237	0.0145	0.00000524	18.4	0.0000165	0.000198	0.0002	0.00117
2089 Aug	122	0.043	0.0584	0.00246	17.9	0.0384	64.9	0.00101	0.00101	0.00000508	0.00542	0.000938	0.0237	0.0146	0.00000525	18.4	0.0000166	0.000198	0.0002	0.00117
2089 Sep	122	0.0431	0.0584	0.00246	17.9	0.0385	64.9	0.00101	0.00101	0.00000508	0.00543	0.000939	0.0238	0.0146	0.00000525	18.5	0.0000166	0.000198	0.0002	0.00118
2089 Oct	121	0.0433	0.0582	0.00245	17.9	0.0384	64.7	0.00101	0.00101	0.00000507	0.00542	0.000937	0.0237	0.0145	0.00000524	18.4	0.0000166	0.000198	0.0002	0.00117
2089 Nov	121	0.0433	0.0582	0.00245	17.9	0.0384	64.7	0.00101	0.00101	0.00000507	0.00543	0.000938	0.0237	0.0145	0.00000524	18.4	0.0000166	0.000198	0.0002	0.00117
2089 Dec	121	0.0433	0.0582	0.00245	17.9	0.0384	64.7	0.00101	0.00101	0.00000507	0.00543	0.000938	0.0237	0.0145	0.00000524	18.4	0.0000166	0.000198	0.0002	0.00117
2090 Jan	121	0.0433	0.0582	0.00245	17.9	0.0384	64.7	0.00101	0.00101	0.00000507	0.00543	0.000938	0.0237	0.0145	0.00000524	18.4	0.0000166	0.000198	0.0002	0.00117
2090 Feb	121	0.0433	0.0582	0.00245	17.9	0.0384	64.7	0.00101	0.00101	0.00000507	0.00543	0.000938	0.0237	0.0145	0.00000524	18.4	0.0000166	0.000198	0.0002	0.00117
2090 Mar	121	0.0433	0.0582	0.00245	17.9	0.0384	64.7	0.00101	0.00101	0.00000507	0.00543	0.000938	0.0237	0.0145	0.00000524	18.4	0.0000166	0.000198	0.0002	0.00117
2090 Apr	121	0.0433	0.0582	0.00245	17.9	0.0385	64.7	0.00101	0.00101	0.00000507	0.00543	0.000938	0.0237	0.0145	0.00000524	18.4	0.0000166	0.000198	0.0002	0.00117
2090 May	122	0.0434	0.0583	0.00245	17.9	0.0385	64.8	0.00101	0.00101	0.00000507	0.00543	0.000939	0.0237	0.0146	0.00000525	18.5	0.0000166	0.000198	0.0002	0.00117
2090 Jun	121	0.0433	0.058	0.00244	17.8	0.0382	64.3	0.00101	0.00101	0.00000505	0.00542	0.000941	0.0236	0.0146	0.00000522	18.5	0.0000166	0.000199	0.000202	0.00117
2090 Jul	121	0.0434	0.0581	0.00244	17.9	0.0383	64.5	0.00101	0.00101	0.00000506	0.00544	0.000944	0.0237	0.0147	0.00000523	18.5	0.0000166	0.0002	0.000202	0.00117
2090 Aug	121	0.0434	0.0581	0.00244	17.8	0.0383	64.5	0.00101	0.00101	0.00000505	0.00543	0.000944	0.0237	0.0147	0.00000523	18.5	0.0000166	0.000199	0.000202	0.00117
2090 Sep	121	0.0435	0.058	0.00244	17.8	0.0383	64.4	0.00101	0.00101	0.00000505	0.00543	0.000944	0.0236	0.0147	0.00000522	18.5	0.0000166	0.000199	0.000201	0.00117
2090 Oct	121	0.0436	0.0579	0.00243	17.8	0.0383	64.3	0.001	0.001	0.00000504	0.00543	0.000943	0.0236	0.0146	0.00000521	18.4	0.0000165	0.000199	0.000201	0.00117
2090 Nov	121	0.0436	0.0578	0.00243	17.8	0.0382	64.2	0.001	0.001	0.00000503	0.00543	0.000942	0.0236	0.0146	0.0000052	18.4	0.0000165	0.000199	0.0002	0.00117
2090 Dec	121	0.0436	0.0578	0.00243	17.8	0.0382	64.2	0.001	0.001	0.00000503	0.00543	0.000942	0.0236	0.0146	0.0000052	18.4	0.0000165	0.000199	0.0002	0.00117
2091 Jan	121	0.0436	0.0578	0.00243	17.8	0.0382	64.2	0.001	0.001	0.00000503	0.00543	0.000942	0.0236	0.0146	0.0000052	18.4	0.0000165	0.000199	0.0002	0.00117
2091 Feb	121	0.0436	0.0578	0.00243	17.8	0.0382	64.2	0.001	0.001	0.00000503	0.00543	0.000942	0.0236	0.0146	0.0000052	18.4	0.0000165	0.000199	0.0002	0.00117
2091 Mar	121	0.0436	0.0578	0.00243	17.8	0.0382	64.2	0.001	0.001	0.00000503	0.00543	0.000942	0.0236	0.0146	0.0000052	18.4	0.0000165	0.000199	0.0002	0.00117
2091 Apr	121	0.0437	0.0578	0.00243	17.8	0.0383	64.2	0.001	0.001	0.00000503	0.00543	0.000943	0.0236	0.0146	0.00000521	18.4	0.0000165	0.000199	0.000201	0.00117
2091 May	121	0.0437	0.0579	0.00243	17.8	0.0383	64.3	0.001	0.001	0.00000504	0.00544	0.000944	0.0236	0.0147	0.00000521	18.5	0.0000166	0.000199	0.000201	0.00117
2091 Jun	121	0.0437	0.0578	0.00243	17.8	0.0381	64.1	0.001	0.001	0.00000502	0.00543	0.000945	0.0236	0.0147	0.0000052	18.5	0.0000166	0.0002	0.000202	0.00117
2091 Jul	121	0.0439	0.0581	0.00244	17.8	0.0383	64.4	0.00101	0.00101	0.00000505	0.00546	0.00095	0.0237	0.0148	0.00000522	18.6	0.0000166	0.0002	0.000203	0.00117
2091 Aug	121	0.0439	0.0581	0.00244	17.8	0.0384	64.5	0.00101	0.00101	0.00000505	0.00546	0.000951	0.0237	0.0148	0.00000522	18.6	0.0000166	0.000201	0.000203	0.00117
2091 Sep	121	0.044	0.0581	0.00244	17.8	0.0384	64.5	0.00101	0.00101	0.00000505	0.00546	0.000952	0.0237	0.0148	0.00000522	18.6	0.0000166	0.000201	0.000203	0.00117
2091 Oct	121	0.0441	0.058	0.00243	17.8	0.0384	64.3	0.001	0.001	0.00000504	0.00546	0.000951	0.0237	0.0147	0.00000521	18.6	0.0000166	0.0002	0.000202	0.00117
2091 Nov	121	0.0441	0.0579	0.00243	17.8	0.0383	64.2	0.001	0.001	0.00000503	0.00546	0.00095	0.0236	0.0147	0.0000052	18.5	0.0000166	0.0002	0.000202	0.00117
2091 Dec	121	0.0442	0.0578	0.00243	17.8	0.0383	64.2	0.001	0.001	0.00000503	0.00546	0.00095	0.0236	0.0147	0.0000052	18.5	0.0000166	0.0002	0.000202	0.00117
2092 Jan	121	0.0442	0.0578	0.00243	17.8	0.0383	64.2	0.001	0.001	0.00000503	0.00546	0.00095	0.0236	0.0147	0.0000052	18.5	0.0000166	0.0002	0.000202	0.00117
2092 Feb	121	0.0442	0.0578	0.00243	17.8	0.0383	64.2	0.001	0.001	0.00000503	0.00546	0.00095	0.0236	0.0147	0.0000052	18.5	0.0000166	0.0002	0.000202	0.00117
2092 Mar	121	0.0442	0.0579	0.00243	17.8	0.0383	64.2	0.001	0.001	0.00000503	0.00546	0.00095	0.0236	0.0147	0.0000052	18.5	0.0000166	0.0002	0.000202	0.00117
2092 Apr	121	0.0442	0.0579	0.00243	17.8	0.0384	64.3	0.001	0.001	0.00000503	0.00546	0.000951	0.0236	0.0147	0.00000521	18.5	0.0000166	0.0002	0.000202	0.00117
2092 May	121	0.0443	0.0579	0.00243	17.8	0.0384	64.3	0.001	0.001	0.00000504	0.00547	0.000953	0.0237	0.0148	0.00000521	18.6	0.0000166	0.000201	0.000203	0.00117
2092 Jun	120	0.044	0.0575	0.00241	17.7	0.038	63.8	0.000996	0.000996	0.000005	0.00544	0.000951	0.0235	0.0148	0.00000517	18.5	0.0000166	0.000201	0.000203	0.00116
2092 Jul	121	0.044	0.0576	0.00242	17.7	0.038	63.9	0.000997	0.000997	0.000005	0.00545	0.000952	0.0235	0.0148	0.00000518	18.5	0.0000166	0.000201	0.000203	0.00116
2092 Aug	121	0.0442	0.0578	0.00243	17.8	0.0382	64.1	0.001	0.001	0.00000502	0.00547	0.000956	0.0236	0.0148	0.00000519	18.6	0.0000167	0.000202	0.000204	0.00117
2092 Sep	121	0.0443	0.0578	0.00243	17.8	0.0382	64.1	0.001	0.001	0.00000502	0.00548	0.000957	0.0236	0.0149	0.0000052	18.6	0.0000167	0.000202	0.000204	0.00117
2092 Oct	121	0.0444	0.0577	0.00242	17.8	0.0382	64	0.001	0.001	0.00000502	0.00548	0.000957	0.0236	0.0149	0.00000519	18.6	0.0000166	0.000202	0.000204	0.00117
2092 Nov	121	0.0445	0.0577	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00548	0.000957	0.0236	0.0149	0.00000519	18.6	0.0000166	0.000202	0.000203	0.00117
2092 Dec	121	0.0445	0.0577	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00548	0.000958	0.0236	0.0149	0.00000519	18.6	0.0000166	0.000202	0.000204	0.00117
2093 Jan	121	0.0445	0.0577	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00548	0.000958	0.0236	0.0149	0.00000519	18.6	0.0000166	0.000202	0.000204	0.00117
2093 Feb	121	0.0445	0.0577	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00548	0.000958	0.0236	0.0149	0.00000519	18.6	0.0000166	0.000202	0.000204	0.00117
2093 Mar	121	0.0445	0.0577	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00549	0.000958	0.0236	0.0149	0.00000519	18.6	0.0000167	0.000202	0.000204	0.00117
2093 Apr	121	0.0445	0.0577	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00549	0.000958	0.0236	0.0149	0.0000052	18.6	0.0000167	0.000202	0.000204	0.00117
2093 May	121	0.0446	0.0578	0.00243	17.8	0.0383	64.1	0.001	0.001	0.00000503	0.0055	0.00096	0.0236	0.0149	0.0000052	18.7	0.0000167	0.000202	0.000204	0.00117
2093 Jun	121	0.0445	0.0577	0.00242	17.7	0.0381	63.9	0.000998	0.000998	0.00000501	0.00548	0.00096	0.0236	0.0149	0.00000518	18.6	0.0000167	0.000203	0.000205	0.00117
2093 Jul	121	0.0446	0.0579	0.00243	17.8	0.0383	64.1	0.001	0.001	0.00000503	0.0055	0.000964	0.0237	0.015	0.0000052	18.7	0.0000167	0.000203	0.000206	0.00117
2093 Aug	122	0.0448	0.0581	0.00243	17.8	0.0384	64.3	0.001	0.001	0.00000504	0.00552	0.000967	0.0237	0.015	0.00000522	18.8	0.0000168	0.000204	0.000206	0.00117
2093 Sep	122	0.0449	0.0581	0.00244	17.9	0.0385	64.4	0.001	0.001	0.00000504	0.00553	0.000968	0.0238	0.015	0.00000522	18.8	0.0000168	0.000204	0.000206	0.00117
2093 Oct	121	0.045	0.0579	0.00243	17.8	0.0384	64.2	0.001	0.001	0.00000503	0.00552	0.000966	0.0237	0.015	0.0000052	18.7	0.0000167	0.000203	0.000205	0.00117
2093 Nov	121	0.0451	0.0578	0.00242	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000966	0.0237	0.015	0.00000519	18.7	0.0000167	0.000203	0.000205	0.00117
2093 Dec	121	0.0451	0.0578	0.00242	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000966	0.0237	0.015	0.00000519	18.7	0.0000167	0.000203	0.000205	0.00117
2094 Jan	121	0.0451	0.0578	0.00242	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000966	0.0237	0.015	0.00000519	18.7	0.0000167	0.000203	0.000205	0.00117
2094 Feb	121	0.0451	0.0578	0.00242	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000966	0.0237	0.015	0.00000519	18.7	0.0000167	0.000203	0.000205	0.00117
2094 Mar	121	0.0451	0.0578	0.00242	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000966	0.0237	0.015	0.0000052	18.7	0.0000167	0.000203	0.000205	0.00117
2094 Apr	121	0.0451	0.0578	0.00243	17.8	0.0384	64.1	0.001	0.001	0.00000503	0.00552	0.000966	0.0237	0.015	0.0000052	18.7	0.0000167	0.000203	0.000205	0.00117
2094 May	121	0.0451	0.0578	0.00242	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000968	0.0237	0.015	0.0000052	18.8	0.0000167	0.000204	0.000206	0.00117
2094 Jun	121	0.0452	0.0578	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00553	0.000971	0.0237	0.0151	0.00000519	18.8	0.0000168	0.000205	0.000208	0.00117
2094 Jul	122	0.0455	0.0581	0.00244	17.9	0.0385	64.4	0.00101	0.00101	0.00000505	0.00556	0.000977	0.0238	0.0152	0.00000522	18.9	0.0000169	0.000206	0.000209	0.00118
2094 Aug	123	0.0457	0.0584	0.00245	18	0.0387	64.7	0.00101	0.00101	0.00000508	0.00559	0.000982	0.0239	0.0153	0.00000525	19	0.000017	0.000207	0.00021	0.00118
2094 Sep	123	0.0458	0.0584	0.00245	18	0.0388	64.7	0.00101	0.00101	0.00000508	0.00559	0.000983	0.0239	0.0153	0.00000525	19	0.000017	0.000207	0.000209	0.00118
2094 Oct	122	0.046	0.0583	0.00244	18	0.0387	64.5	0.00101	0.00101	0.00000506	0.00559	0.000982	0.0239	0.0153	0.00000524	19	0.0000169	0.000207	0.000209	0.00118
2094 Nov	122	0.046	0.0581	0.00244	17.9	0.0387	64.4	0.00101	0.00101	0.00000505	0.00559	0.00098	0.0238	0.0152	0.00000523	18.9	0.0000169	0.000206	0.000208	0.00118
2094 Dec	122	0.046	0.0581	0.00244	17.9	0.0386	64.3	0.00101	0.00101	0.00000505	0.00559	0.00098	0.0238	0.0152	0.00000522	18.9	0.0000169	0.000206	0.000208	0.00118
2095 Jan	122	0.0461	0.0581	0.00244	17.9	0.0387	64.3	0.00101	0.00101	0.00000505	0.00559	0.00098	0.0238	0.0152	0.00000522	18.9	0.0000169	0.000206	0.000208	0.00118
2095 Feb	122	0.0461	0.0581	0.00244	17.9	0.0387	64.3	0.00101	0.00101	0.00000505	0.00559	0.00098	0.0238	0.0152	0.00000522	18.9	0.0000169	0.000206	0.000208	0.00118
2095 Mar	122	0.0461	0.0581	0.00244	17.9	0.0387	64.3	0.00101	0.00101	0.00000505	0.00559	0.00098	0.0238	0.0152	0.00000522	18.9	0.0000169	0.000206	0.000208	0.00118

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	122	0.0461	0.0581	0.00244	17.9	0.0387	64.4	0.00101	0.00101	0.00000505	0.00559	0.000981	0.0238	0.0152	0.00000523	19	0.0000169	0.000206	0.000208	0.00118
2095 May	122	0.0461	0.0581	0.00244	17.9	0.0387	64.4	0.00101	0.00101	0.00000505	0.00559	0.000982	0.0238	0.0153	0.00000523	19	0.0000169	0.000207	0.000209	0.00118
2095 Jun	122	0.0462	0.0583	0.00244	18	0.0387	64.5	0.00101	0.00101	0.00000506	0.0056	0.000985	0.0239	0.0153	0.00000523	19	0.0000169	0.000208	0.00021	0.00118
2095 Jul	123	0.0465	0.0586	0.00245	18.1	0.0389	64.8	0.00101	0.00101	0.00000508	0.00563	0.00099	0.024	0.0154	0.00000526	19.1	0.000017	0.000209	0.000211	0.00119
2095 Aug	123	0.0465	0.0586	0.00246	18.1	0.0389	64.9	0.00101	0.00101	0.00000508	0.00563	0.000991	0.024	0.0154	0.00000526	19.1	0.000017	0.000209	0.000211	0.00119
2095 Sep	123	0.0465	0.0586	0.00246	18.1	0.039	64.9	0.00101	0.00101	0.00000509	0.00563	0.000992	0.0241	0.0154	0.00000526	19.2	0.000017	0.000209	0.000211	0.00119
2095 Oct	123	0.0467	0.0586	0.00246	18.1	0.039	64.9	0.00101	0.00101	0.00000509	0.00564	0.000993	0.0241	0.0154	0.00000526	19.2	0.000017	0.000209	0.000211	0.00119
2095 Nov	123	0.0467	0.0585	0.00245	18	0.039	64.8	0.00101	0.00101	0.00000508	0.00564	0.000992	0.024	0.0154	0.00000526	19.1	0.000017	0.000209	0.000211	0.00119
2095 Dec	123	0.0467	0.0585	0.00245	18	0.039	64.8	0.00101	0.00101	0.00000508	0.00564	0.000992	0.024	0.0154	0.00000526	19.1	0.000017	0.000209	0.00021	0.00119
2096 Jan	123	0.0467	0.0585	0.00245	18	0.039	64.8	0.00101	0.00101	0.00000508	0.00564	0.000992	0.024	0.0154	0.00000526	19.1	0.000017	0.000209	0.000211	0.00119
2096 Feb	123	0.0467	0.0585	0.00245	18	0.039	64.8	0.00101	0.00101	0.00000508	0.00564	0.000992	0.024	0.0154	0.00000526	19.1	0.000017	0.000209	0.000211	0.00119
2096 Mar	123	0.0467	0.0585	0.00245	18.1	0.039	64.8	0.00101	0.00101	0.00000508	0.00564	0.000992	0.024	0.0154	0.00000526	19.1	0.000017	0.000209	0.000211	0.00119
2096 Apr	123	0.0468	0.0586	0.00245	18.1	0.039	64.9	0.00101	0.00101	0.00000508	0.00564	0.000993	0.024	0.0154	0.00000526	19.2	0.000017	0.000209	0.000211	0.00119
2096 May	123	0.0468	0.0586	0.00245	18.1	0.039	64.8	0.00101	0.00101	0.00000509	0.00565	0.000995	0.024	0.0155	0.00000526	19.2	0.000017	0.000209	0.000211	0.00119
2096 Jun	122	0.0466	0.0582	0.00244	18	0.0387	64.4	0.00101	0.00101	0.00000506	0.00563	0.000993	0.0239	0.0155	0.00000523	19.1	0.000017	0.000209	0.000212	0.00118
2096 Jul	123	0.0466	0.0584	0.00244	18	0.0388	64.6	0.00101	0.00101	0.00000507	0.00564	0.000996	0.024	0.0155	0.00000524	19.2	0.0000171	0.00021	0.000212	0.00119
2096 Aug	123	0.0468	0.0587	0.00246	18.1	0.039	64.9	0.00101	0.00101	0.00000509	0.00567	0.001	0.0241	0.0156	0.00000527	19.3	0.0000171	0.000211	0.000213	0.00119
2096 Sep	123	0.047	0.0586	0.00245	18.1	0.039	64.9	0.00101	0.00101	0.00000509	0.00567	0.001	0.0241	0.0155	0.00000526	19.3	0.0000171	0.000211	0.000213	0.00119
2096 Oct	123	0.0471	0.0584	0.00245	18	0.0389	64.7	0.00101	0.00101	0.00000507	0.00567	0.000999	0.024	0.0155	0.00000525	19.2	0.0000171	0.00021	0.000212	0.00119
2096 Nov	123	0.0471	0.0584	0.00245	18	0.0389	64.6	0.00101	0.00101	0.00000507	0.00567	0.000999	0.024	0.0155	0.00000525	19.2	0.0000171	0.00021	0.000212	0.00119
2096 Dec	123	0.0471	0.0584	0.00245	18	0.0389	64.6	0.00101	0.00101	0.00000507	0.00567	0.000999	0.024	0.0155	0.00000525	19.2	0.0000171	0.00021	0.000212	0.00119
2097 Jan	123	0.0471	0.0584	0.00245	18	0.0389	64.6	0.00101	0.00101	0.00000507	0.00567	0.000999	0.024	0.0155	0.00000525	19.2	0.0000171	0.00021	0.000212	0.00119
2097 Feb	123	0.0471	0.0584	0.00245	18	0.0389	64.6	0.00101	0.00101	0.00000507	0.00567	0.000999	0.024	0.0155	0.00000525	19.2	0.0000171	0.00021	0.000212	0.00119
2097 Mar	123	0.0471	0.0584	0.00245	18	0.0389	64.6	0.00101	0.00101	0.00000507	0.00567	0.000999	0.024	0.0155	0.00000525	19.2	0.0000171	0.00021	0.000212	0.00119
2097 Apr	123	0.0471	0.0584	0.00245	18	0.0389	64.7	0.00101	0.00101	0.00000508	0.00567	0.000999	0.024	0.0155	0.00000525	19.2	0.0000171	0.00021	0.000212	0.00119
2097 May	123	0.0472	0.0585	0.00245	18.1	0.039	64.8	0.00101	0.00101	0.00000508	0.00568	0.001	0.0241	0.0155	0.00000526	19.3	0.0000171	0.000211	0.000212	0.00119
2097 Jun	123	0.0472	0.0585	0.00245	18	0.0389	64.7	0.00101	0.00101	0.00000508	0.00568	0.001	0.024	0.0156	0.00000525	19.3	0.0000171	0.000211	0.000213	0.00119
2097 Jul	124	0.0474	0.0588	0.00246	18.1	0.0391	65.1	0.00102	0.00102	0.0000051	0.0057	0.00101	0.0242	0.0156	0.00000527	19.4	0.0000172	0.000212	0.000214	0.00119
2097 Aug	124	0.0476	0.059	0.00247	18.2	0.0392	65.3	0.00102	0.00102	0.00000511	0.00572	0.00101	0.0242	0.0157	0.00000529	19.4	0.0000173	0.000213	0.000215	0.0012
2097 Sep	124	0.0477	0.0591	0.00247	18.2	0.0393	65.4	0.00102	0.00102	0.00000512	0.00573	0.00101	0.0243	0.0157	0.0000053	19.4	0.0000173	0.000213	0.000215	0.0012
2097 Oct	124	0.0478	0.059	0.00247	18.2	0.0393	65.3	0.00102	0.00102	0.00000512	0.00573	0.00101	0.0243	0.0157	0.00000529	19.4	0.0000173	0.000213	0.000215	0.0012
2097 Nov	124	0.0478	0.059	0.00247	18.2	0.0393	65.3	0.00102	0.00102	0.00000511	0.00573	0.00101	0.0243	0.0157	0.00000529	19.4	0.0000173	0.000213	0.000214	0.0012
2097 Dec	124	0.0478	0.059	0.00247	18.2	0.0393	65.3	0.00102	0.00102	0.00000511	0.00573	0.00101	0.0243	0.0157	0.00000529	19.4	0.0000173	0.000213	0.000214	0.0012
2098 Jan	124	0.0478	0.059	0.00247	18.2	0.0393	65.3	0.00102	0.00102	0.00000511	0.00573	0.00101	0.0243	0.0157	0.00000529	19.4	0.0000173	0.000213	0.000214	0.0012
2098 Feb	124	0.0478	0.059	0.00247	18.2	0.0393	65.3	0.00102	0.00102	0.00000511	0.00573	0.00101	0.0243	0.0157	0.00000529	19.4	0.0000173	0.000213	0.000214	0.0012
2098 Mar	124	0.0478	0.059	0.00247	18.2	0.0393	65.3	0.00102	0.00102	0.00000511	0.00573	0.00101	0.0243	0.0157	0.00000529	19.4	0.0000173	0.000213	0.000214	0.0012
2098 Apr	124	0.0478	0.059	0.00247	18.2	0.0393	65.3	0.00102	0.00102	0.00000511	0.00573	0.00101	0.0243	0.0157	0.00000529	19.4	0.0000173	0.000213	0.000214	0.0012
2098 May	124	0.0479	0.059	0.00247	18.2	0.0393	65.3	0.00102	0.00102	0.00000511	0.00573	0.00101	0.0243	0.0157	0.00000529	19.5	0.0000173	0.000213	0.000215	0.0012
2098 Jun	124	0.0477	0.0588	0.00246	18.1	0.039	65	0.00101	0.00101	0.00000508	0.00571	0.00101	0.0241	0.0157	0.00000525	19.4	0.0000172	0.000213	0.000216	0.00119
2098 Jul	124	0.0479	0.0591	0.00247	18.2	0.0392	65.3	0.00102	0.00102	0.00000511	0.00573	0.00102	0.0243	0.0158	0.00000528	19.5	0.0000173	0.000214	0.000217	0.0012
2098 Aug	125	0.048	0.0592	0.00247	18.2	0.0393	65.5	0.00102	0.00102	0.00000511	0.00574	0.00102	0.0243	0.0158	0.00000529	19.5	0.0000173	0.000214	0.000217	0.0012
2098 Sep	124	0.048	0.0591	0.00247	18.2	0.0392	65.3	0.00102	0.00102	0.0000051	0.00573	0.00102	0.0243	0.0158	0.00000527	19.5	0.0000173	0.000214	0.000216	0.0012
2098 Oct	124	0.0481	0.0589	0.00246	18.1	0.0392	65.1	0.00101	0.00101	0.00000508	0.00573	0.00101	0.0242	0.0158	0.00000526	19.5	0.0000173	0.000213	0.000215	0.00119
2098 Nov	124	0.0482	0.0588	0.00246	18.1	0.0392	65	0.00101	0.00101	0.00000508	0.00573	0.00101	0.0242	0.0157	0.00000525	19.4	0.0000173	0.000213	0.000215	0.00119
2098 Dec	124	0.0482	0.0588	0.00246	18.1	0.0392	65	0.00101	0.00101	0.00000508	0.00573	0.00101	0.0242	0.0157	0.00000525	19.4	0.0000173	0.000213	0.000215	0.00119
2099 Jan	124	0.0482	0.0588	0.00246	18.1	0.0392	65	0.00101	0.00101	0.00000508	0.00573	0.00101	0.0242	0.0157	0.00000525	19.4	0.0000173	0.000213	0.000215	0.00119
2099 Feb	124	0.0482	0.0588	0.00246	18.1	0.0392	65	0.00101	0.00101	0.00000508	0.00573	0.00101	0.0242	0.0158	0.00000526	19.4	0.0000173	0.000213	0.000215	0.00119
2099 Mar	124	0.0482	0.0588	0.00246	18.1	0.0392	65.1	0.00101	0.00101	0.00000508	0.00573	0.00101	0.0242	0.0158	0.00000526	19.4	0.0000173	0.000213	0.000215	0.00119
2099 Apr	124	0.0482	0.0589	0.00246	18.1	0.0392	65.1	0.00101	0.00101	0.00000509	0.00573	0.00102	0.0242	0.0158	0.00000526	19.5	0.0000173	0.000213	0.000215	0.00119
2099 May	124	0.0483	0.0588	0.00245	18.1	0.0391	65	0.00101	0.00101	0.00000507	0.00573	0.00102	0.0242	0.0158	0.00000525	19.5	0.0000173	0.000214	0.000216	0.00119
2099 Jun	124	0.0482	0.0588	0.00245	18.1	0.039	65	0.00101	0.00101	0.00000506	0.00572	0.00102	0.0242	0.0158	0.00000524	19.5	0.0000173	0.000214	0.000217	0.00119
2099 Jul	124	0.0484	0.059	0.00246	18.2	0.0392	65.2	0.00101	0.00101	0.00000508	0.00574	0.00102	0.0243	0.0159	0.00000526	19.6	0.0000173	0.000215	0.000218	0.0012
2099 Aug	125	0.0486	0.0593	0.00247	18.3	0.0393	65.5	0.00102	0.00102	0.0000051	0.00577	0.00103	0.0244	0.016	0.00000528	19.7	0.0000174	0.000216	0.000219	0.0012
2099 Sep	125	0.0487	0.0592	0.00247	18.2	0.0393	65.5	0.00102	0.00102	0.0000051	0.00576	0.00103	0.0244	0.0159	0.00000527	19.6	0.0000174	0.000216	0.000218	0.0012
2099 Oct	125	0.0487	0.0591	0.00246	18.2	0.0393	65.3	0.00101	0.00101	0.00000509	0.00576	0.00102	0.0243	0.0159	0.00000526	19.6	0.0000174	0.000215	0.000218	0.0012
2099 Nov	124	0.0488	0.059	0.00246	18.2	0.0393	65.3	0.00101	0.00101	0.00000508	0.00576	0.00102	0.0243	0.0159	0.00000526	19.6	0.0000173	0.000215	0.000217	0.0012
2099 Dec	124	0.0488	0.059	0.00246	18.2	0.0393	65.3	0.00101	0.00101	0.00000508	0.00576	0.00102	0.0243	0.0159	0.00000526	19.6	0.0000173	0.000215	0.000217	0.0012
2100 Jan	124	0.0488	0.059	0.00246	18.2	0.0393	65.3	0.00101	0.00101	0.00000508	0.00576	0.00102	0.0243	0.0159	0.00000526	19.6	0.0000173	0.000215	0.000217	0.0012
2100 Feb	124	0.0488	0.059	0.00246	18.2	0.0393	65.3	0.00101	0.00101	0.00000508	0.00576	0.00102	0.0243	0.0159	0.00000526	19.6	0.0000173	0.000215	0.000217	0.0012
2100 Mar	124	0.0488	0.059	0.00246	18.2	0.0393	65.3	0.00101	0.00101	0.00000508	0.00576	0.00102	0.0243	0.0159	0.00000526	19.6	0.0000173	0.000215	0.000217	0.0012
2100 Apr	125	0.0488	0.0591	0.00246	18.2	0.0393	65.3	0.00101	0.00101	0.00000509	0.00576	0.00102	0.0243	0.0159	0.00000526	19.6	0.0000174	0.000215	0.000218	0.0012
2100 May	125	0.0489	0.0591	0.00246	18.2	0.0393	65.3	0.00101	0.00101	0.00000509	0.00577	0.00103	0.0243	0.016	0.00000526	19.7	0.0000174	0.000216	0.000219	0.0012
2100 Jun	124	0.0487	0.0589	0.00245	18.1	0.039	65	0.00101	0.00101	0.00000506	0.00574	0.00102	0.0242	0.016	0.00000523	19.6	0.0000173	0.000216	0.000218	0.00119
2100 Jul	124	0.0487	0.059	0.00246	18.1	0.0391	65.1	0.00101	0.00101	0.00000507	0.00576	0.00103	0.0243	0.016	0.00000524	19.6	0.0000174	0.000216	0.000219	0.0012
2100 Aug	124	0.0487	0.059	0.00246	18.1	0.0391	65.2	0.00101	0.00101	0.00000507	0.00576	0.00103	0.0243	0.016	0.00000524	19.6	0.0000174	0.000216	0.000218	0.0012
2100 Sep	124	0.0488	0.059	0.00246	18.1	0.0391	65.2	0.00101	0.00101	0.00000507	0.00576	0.00103	0.0243	0.016	0.00000524	19.6	0.0000174	0.000216	0.000218	0.0012
2100 Oct	124	0.0489	0.059	0.00246	18.1	0.0392	65.2	0.00101	0.00101	0.00000507	0.00576	0.00103	0.0243	0.016	0.00000524	19.6	0.0000174	0.000216	0.000218	0.0012
2100 Nov	124	0.0489	0.059	0.00246	18.1	0.0392	65.2	0.00101	0.00101	0.00000507	0.00577	0.00103	0.0243	0.016	0.00000524	19.6	0.0000174	0.000216	0.000218	0.0012
2100 Dec	124	0.0489	0.059	0.00246	18.1	0.0392	65.2	0.00101	0.00101	0.00000507	0.00577	0.00103	0.0243	0.016	0.00000524	19.6	0.0000174	0.000216	0.000218	0.0012
2101 Jan	124	0.0489	0.059	0.00246	18.1	0.0392	65.2	0.00101	0.00101	0.00000507	0.00577	0.00103	0.0243	0.016	0.00000524	19.6	0.0000174	0.000216	0.000218	0.0012
2101 Feb	124	0.0489	0.059	0.00246	18.2	0.0392	65.2	0.00101	0.00101	0.00000507	0.00577	0.00103	0.0243	0.016	0.00000524	19.6	0.0000174	0.000216	0.000218	0.0012
2101 Mar	124	0.0489	0.059	0.00246	18.2	0.0392	65.2	0.00101	0.00101	0.00000507	0.00577	0.00103	0.0243	0.016	0.00000524	19.6	0.0000174	0.000216	0.000218	0.0012
2101 Apr	124	0.0489	0.059	0.00246	18.2	0.0392	65.2	0.00101	0.00101	0.00000507	0.00577	0.00103	0.0243	0.016	0.00000525	19.6	0.0000174	0.000216	0.000219	0.0012
2101 May	125	0.049	0.0591	0.00246	18.2	0.0392	65.3	0.00101	0.00101	0.00000507	0.00577	0.00103	0.0243	0.016	0.00000525	19.7	0.0000174	0.000217	0.000219	0.0012
2101 Jun	124	0.0489	0.059	0.00245	18.1	0.0391	65.1	0.00101	0.00101	0.00000506	0.00576	0.00103	0.0243	0.016	0.00000523	19.7	0.0000174	0.000217	0.000219	0.00119
2101 Jul	125	0.0491	0.0593	0.00246	18.2	0.0392	65.4	0.00101	0.00101	0.00000508	0.00579	0.00103	0.0244	0.0161	0.00000526	19.7	0.0000175	0.000218	0.00022	0.0012
2101 Aug	125	0.0493	0.0595	0.00248	18.3	0.0394	65.7	0.00102	0.00102	0.0000051	0.00581	0.00104	0.0245	0.0162	0.00000528	19.8	0.0000175	0.000219	0.000221	0.0012

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	125	0.0493	0.0595	0.00247	18.3	0.0394	65.7	0.00102	0.00102	0.0000051	0.00582	0.00104	0.0245	0.0161	0.00000528	19.8	0.0000175	0.000219	0.000221	0.0012
2101 Oct	125	0.0494	0.0595	0.00247	18.3	0.0394	65.7	0.00102	0.00102	0.0000051	0.00582	0.00104	0.0245	0.0161	0.00000527	19.8	0.0000175	0.000218	0.000221	0.0012
2101 Nov	125	0.0495	0.0594	0.00247	18.2	0.0394	65.6	0.00101	0.00101	0.00000509	0.00581	0.00104	0.0245	0.0161	0.00000527	19.8	0.0000175	0.000218	0.00022	0.0012
2101 Dec	125	0.0495	0.0594	0.00247	18.2	0.0394	65.6	0.00101	0.00101	0.00000509	0.00581	0.00104	0.0245	0.0161	0.00000527	19.8	0.0000175	0.000218	0.00022	0.0012
2102 Jan	125	0.0495	0.0594	0.00247	18.2	0.0394	65.6	0.00101	0.00101	0.00000509	0.00581	0.00104	0.0245	0.0161	0.00000527	19.8	0.0000175	0.000218	0.00022	0.0012
2102 Feb	125	0.0495	0.0594	0.00247	18.2	0.0394	65.6	0.00101	0.00101	0.00000509	0.00581	0.00104	0.0245	0.0161	0.00000527	19.8	0.0000175	0.000218	0.00022	0.0012
2102 Mar	125	0.0495	0.0594	0.00247	18.2	0.0394	65.6	0.00101	0.00101	0.00000509	0.00582	0.00104	0.0245	0.0161	0.00000527	19.8	0.0000175	0.000218	0.00022	0.0012
2102 Apr	125	0.0495	0.0594	0.00247	18.3	0.0394	65.6	0.00101	0.00101	0.00000509	0.00582	0.00104	0.0245	0.0161	0.00000527	19.8	0.0000175	0.000218	0.00022	0.0012
2102 May	125	0.0496	0.0594	0.00247	18.3	0.0395	65.7	0.00102	0.00102	0.0000051	0.00582	0.00104	0.0245	0.0162	0.00000528	19.8	0.0000175	0.000219	0.000221	0.0012
2102 Jun	125	0.0492	0.0592	0.00246	18.2	0.0393	65.4	0.00101	0.00101	0.00000508	0.00581	0.00104	0.0244	0.0161	0.00000525	19.7	0.0000175	0.000218	0.000219	0.0012
2102 Jul	125	0.0491	0.0592	0.00246	18.1	0.0392	65.4	0.00101	0.00101	0.00000508	0.00582	0.00104	0.0244	0.016	0.00000525	19.7	0.0000175	0.000218	0.000219	0.0012
2102 Aug	125	0.0493	0.0594	0.00247	18.2	0.0393	65.6	0.00101	0.00101	0.00000509	0.00583	0.00104	0.0245	0.0161	0.00000527	19.8	0.0000176	0.000218	0.00022	0.0012
2102 Sep	125	0.0493	0.0595	0.00247	18.2	0.0394	65.7	0.00101	0.00101	0.00000509	0.00584	0.00104	0.0245	0.0161	0.00000527	19.8	0.0000176	0.000219	0.00022	0.0012
2102 Oct	125	0.0494	0.0593	0.00247	18.2	0.0393	65.5	0.00101	0.00101	0.00000508	0.00583	0.00104	0.0245	0.0161	0.00000525	19.7	0.0000176	0.000218	0.000219	0.0012
2102 Nov	125	0.0494	0.0593	0.00247	18.2	0.0393	65.5	0.00101	0.00101	0.00000508	0.00583	0.00104	0.0245	0.0161	0.00000525	19.7	0.0000175	0.000218	0.000219	0.0012
2102 Dec	125	0.0494	0.0593	0.00247	18.2	0.0393	65.5	0.00101	0.00101	0.00000508	0.00583	0.00104	0.0245	0.0161	0.00000525	19.7	0.0000175	0.000218	0.000219	0.0012
2103 Jan	125	0.0494	0.0593	0.00247	18.2	0.0393	65.5	0.00101	0.00101	0.00000508	0.00583	0.00104	0.0245	0.0161	0.00000525	19.7	0.0000175	0.000218	0.000219	0.0012
2103 Feb	125	0.0494	0.0593	0.00247	18.2	0.0393	65.5	0.00101	0.00101	0.00000508	0.00583	0.00104	0.0245	0.0161	0.00000525	19.7	0.0000176	0.000218	0.000219	0.0012
2103 Mar	125	0.0494	0.0593	0.00247	18.2	0.0393	65.5	0.00101	0.00101	0.00000508	0.00583	0.00104	0.0245	0.0161	0.00000525	19.7	0.0000176	0.000218	0.000219	0.0012
2103 Apr	125	0.0495	0.0593	0.00247	18.2	0.0393	65.5	0.00101	0.00101	0.00000508	0.00583	0.00104	0.0245	0.0161	0.00000526	19.7	0.0000176	0.000218	0.000219	0.0012
2103 May	125	0.0495	0.0593	0.00247	18.2	0.0393	65.5	0.00101	0.00101	0.00000508	0.00584	0.00104	0.0245	0.0161	0.00000526	19.8	0.0000176	0.000219	0.00022	0.0012
2103 Jun	125	0.0494	0.0591	0.00246	18.1	0.0391	65.2	0.00101	0.00101	0.00000506	0.00582	0.00104	0.0244	0.0161	0.00000524	19.8	0.0000176	0.000219	0.000221	0.0012
2103 Jul	125	0.0495	0.0593	0.00246	18.2	0.0392	65.4	0.00101	0.00101	0.00000507	0.00584	0.00104	0.0244	0.0162	0.00000525	19.8	0.0000176	0.000219	0.000221	0.0012
2103 Aug	125	0.0494	0.0593	0.00246	18.2	0.0393	65.5	0.00101	0.00101	0.00000507	0.00584	0.00104	0.0245	0.0162	0.00000525	19.8	0.0000176	0.000219	0.000221	0.0012
2103 Sep	125	0.0495	0.0592	0.00246	18.1	0.0392	65.4	0.00101	0.00101	0.00000507	0.00583	0.00104	0.0244	0.0162	0.00000524	19.8	0.0000176	0.000219	0.000221	0.0012
2103 Oct	125	0.0496	0.059	0.00245	18.1	0.0392	65.2	0.00101	0.00101	0.00000505	0.00583	0.00104	0.0244	0.0161	0.00000522	19.7	0.0000175	0.000219	0.00022	0.00119
2103 Nov	124	0.0496	0.059	0.00245	18.1	0.0391	65.1	0.001	0.001	0.00000505	0.00582	0.00104	0.0244	0.0161	0.00000522	19.7	0.0000175	0.000218	0.00022	0.00119
2103 Dec	124	0.0496	0.059	0.00245	18.1	0.0391	65.1	0.00101	0.00101	0.00000505	0.00582	0.00104	0.0244	0.0161	0.00000522	19.7	0.0000175	0.000218	0.00022	0.00119
2104 Jan	124	0.0496	0.059	0.00245	18.1	0.0391	65.1	0.00101	0.00101	0.00000505	0.00582	0.00104	0.0244	0.0161	0.00000522	19.7	0.0000175	0.000218	0.00022	0.00119
2104 Feb	124	0.0496	0.059	0.00245	18.1	0.0391	65.1	0.00101	0.00101	0.00000505	0.00582	0.00104	0.0244	0.0161	0.00000522	19.7	0.0000175	0.000218	0.00022	0.00119
2104 Mar	124	0.0496	0.059	0.00245	18.1	0.0391	65.1	0.00101	0.00101	0.00000505	0.00582	0.00104	0.0244	0.0161	0.00000522	19.7	0.0000175	0.000218	0.00022	0.00119
2104 Apr	125	0.0496	0.059	0.00245	18.1	0.0392	65.2	0.00101	0.00101	0.00000505	0.00583	0.00104	0.0244	0.0161	0.00000522	19.7	0.0000175	0.000219	0.00022	0.00119
2104 May	125	0.0497	0.0591	0.00245	18.1	0.0392	65.2	0.00101	0.00101	0.00000505	0.00583	0.00104	0.0244	0.0162	0.00000523	19.8	0.0000176	0.000219	0.000221	0.0012
2104 Jun	124	0.0496	0.0589	0.00244	18	0.039	65	0.001	0.001	0.00000503	0.00581	0.00104	0.0243	0.0162	0.0000052	19.8	0.0000175	0.000219	0.000221	0.00119
2104 Jul	125	0.0497	0.0591	0.00245	18.1	0.0391	65.2	0.001	0.001	0.00000504	0.00583	0.00105	0.0244	0.0162	0.00000522	19.8	0.0000176	0.00022	0.000222	0.0012
2104 Aug	125	0.0498	0.0593	0.00246	18.1	0.0392	65.4	0.00101	0.00101	0.00000505	0.00584	0.00105	0.0245	0.0162	0.00000523	19.9	0.0000176	0.00022	0.000222	0.0012
2104 Sep	125	0.0498	0.0592	0.00246	18.1	0.0392	65.4	0.00101	0.00101	0.00000505	0.00584	0.00105	0.0244	0.0162	0.00000522	19.8	0.0000176	0.00022	0.000221	0.0012
2104 Oct	125	0.0499	0.0591	0.00245	18.1	0.0391	65.2	0.001	0.001	0.00000504	0.00584	0.00105	0.0244	0.0162	0.00000521	19.8	0.0000176	0.00022	0.000221	0.00119
2104 Nov	125	0.0499	0.0591	0.00245	18.1	0.0391	65.2	0.001	0.001	0.00000504	0.00584	0.00105	0.0244	0.0162	0.00000521	19.8	0.0000176	0.000219	0.000221	0.00119
2104 Dec	125	0.0499	0.0591	0.00245	18.1	0.0391	65.2	0.001	0.001	0.00000504	0.00584	0.00105	0.0244	0.0162	0.00000521	19.8	0.0000176	0.000219	0.000221	0.00119
2105 Jan	125	0.0499	0.0591	0.00245	18.1	0.0391	65.2	0.001	0.001	0.00000504	0.00584	0.00105	0.0244	0.0162	0.00000521	19.8	0.0000176	0.000219	0.000221	0.00119
2105 Feb	125	0.0499	0.0591	0.00245	18.1	0.0391	65.2	0.001	0.001	0.00000504	0.00584	0.00105	0.0244	0.0162	0.00000521	19.8	0.0000176	0.000219	0.000221	0.00119
2105 Mar	125	0.0499	0.0591	0.00245	18.1	0.0391	65.2	0.001	0.001	0.00000504	0.00584	0.00105	0.0244	0.0162	0.00000521	19.8	0.0000176	0.000219	0.000221	0.00119
2105 Apr	125	0.0499	0.0591	0.00245	18.1	0.0392	65.2	0.001	0.001	0.00000504	0.00584	0.00105	0.0244	0.0162	0.00000521	19.8	0.0000176	0.00022	0.000221	0.00119
2105 May	125	0.05	0.0591	0.00245	18.1	0.0391	65.2	0.001	0.001	0.00000504	0.00584	0.00105	0.0244	0.0162	0.00000521	19.9	0.0000176	0.00022	0.000222	0.0012
2105 Jun	125	0.05	0.0591	0.00245	18.1	0.0391	65.2	0.001	0.001	0.00000504	0.00584	0.00105	0.0244	0.0163	0.00000521	19.9	0.0000176	0.000221	0.000223	0.0012
2105 Jul	125	0.0502	0.0593	0.00246	18.2	0.0392	65.5	0.00101	0.00101	0.00000505	0.00586	0.00105	0.0245	0.0163	0.00000523	19.9	0.0000176	0.000221	0.000223	0.0012
2105 Aug	125	0.0501	0.0593	0.00246	18.1	0.0392	65.5	0.00101	0.00101	0.00000505	0.00585	0.00105	0.0245	0.0163	0.00000522	19.9	0.0000176	0.000221	0.000223	0.0012
2105 Sep	125	0.0502	0.0592	0.00245	18.1	0.0392	65.3	0.001	0.001	0.00000504	0.00585	0.00105	0.0245	0.0163	0.00000521	19.9	0.0000176	0.000221	0.000222	0.0012
2105 Oct	125	0.0502	0.059	0.00245	18.1	0.0392	65.2	0.001	0.001	0.00000503	0.00584	0.00105	0.0244	0.0162	0.0000052	19.9	0.0000175	0.00022	0.000221	0.00119
2105 Nov	125	0.0503	0.059	0.00245	18	0.0392	65.1	0.001	0.001	0.00000502	0.00584	0.00105	0.0244	0.0162	0.0000052	19.8	0.0000175	0.00022	0.000221	0.00119
2105 Dec	125	0.0503	0.059	0.00245	18	0.0392	65.1	0.001	0.001	0.00000502	0.00584	0.00105	0.0244	0.0162	0.0000052	19.8	0.0000175	0.00022	0.000221	0.00119
2106 Jan	125	0.0503	0.059	0.00245	18	0.0392	65.1	0.001	0.001	0.00000502	0.00584	0.00105	0.0244	0.0162	0.0000052	19.8	0.0000175	0.00022	0.000221	0.00119
2106 Feb	125	0.0503	0.059	0.00245	18	0.0392	65.1	0.001	0.001	0.00000502	0.00584	0.00105	0.0244	0.0162	0.0000052	19.8	0.0000175	0.00022	0.000221	0.00119
2106 Mar	125	0.0503	0.059	0.00245	18	0.0392	65.1	0.001	0.001	0.00000502	0.00584	0.00105	0.0244	0.0162	0.0000052	19.8	0.0000175	0.00022	0.000221	0.00119
2106 Apr	125	0.0503	0.059	0.00245	18	0.0392	65.1	0.001	0.001	0.00000502	0.00584	0.00105	0.0244	0.0162	0.0000052	19.8	0.0000175	0.00022	0.000221	0.00119
2106 May	125	0.0504	0.0591	0.00245	18.1	0.0392	65.2	0.001	0.001	0.00000503	0.00585	0.00105	0.0244	0.0163	0.0000052	19.9	0.0000176	0.00022	0.000222	0.00119
2106 Jun	124	0.0501	0.0588	0.00244	18	0.039	64.9	0.000997	0.000997	0.00000501	0.00583	0.00105	0.0243	0.0162	0.00000518	19.8	0.0000175	0.00022	0.000222	0.00119
2106 Jul	125	0.0502	0.059	0.00245	18	0.0391	65.1	0.001	0.001	0.00000502	0.00585	0.00105	0.0244	0.0163	0.0000052	19.9	0.0000176	0.000221	0.000222	0.00119
2106 Aug	125	0.0502	0.0591	0.00245	18	0.0391	65.2	0.001	0.001	0.00000502	0.00585	0.00105	0.0244	0.0163	0.0000052	19.9	0.0000176	0.000221	0.000222	0.00119
2106 Sep	125	0.0502	0.059	0.00244	18	0.0391	65.1	0.000998	0.000998	0.00000501	0.00585	0.00105	0.0244	0.0163	0.00000519	19.9	0.0000175	0.00022	0.000221	0.00119
2106 Oct	124	0.0503	0.0589	0.00244	18	0.0391	65	0.000998	0.000998	0.00000501	0.00585	0.00105	0.0244	0.0162	0.00000518	19.8	0.0000175	0.00022	0.000221	0.00119
2106 Nov	124	0.0503	0.0589	0.00244	18	0.0391	65	0.000998	0.000998	0.00000501	0.00585	0.00105	0.0244	0.0163	0.00000519	19.8	0.0000175	0.00022	0.000221	0.00119
2106 Dec	124	0.0503	0.0589	0.00244	18	0.0391	65	0.000998	0.000998	0.00000501	0.00585	0.00105	0.0244	0.0163	0.00000519	19.8	0.0000175	0.00022	0.000221	0.00119
2107 Jan	124	0.0503	0.0589	0.00244	18	0.0391	65	0.000998	0.000998	0.00000501	0.00585	0.00105	0.0244	0.0163	0.00000519	19.8	0.0000175	0.00022	0.000221	0.00119
2107 Feb	124	0.0503	0.0589	0.00244	18	0.0391	65	0.000998	0.000998	0.00000501	0.00585	0.00105	0.0244	0.0163	0.00000519	19.8	0.0000175	0.00022	0.000221	0.00119
2107 Mar	124	0.0503	0.0589	0.00244	18	0.0391	65	0.000998	0.000998	0.00000501	0.00585	0.00105	0.0244	0.0163	0.00000519	19.8	0.0000175	0.00022	0.000221	0.00119
2107 Apr	124	0.0504	0.0589	0.00244	18	0.0391	65	0.000998	0.000998	0.00000501	0.00585	0.00105	0.0244	0.0163	0.00000519	19.9	0.0000175	0.00022	0.000221	0.00119
2107 May	125	0.0504	0.059	0.00244	18	0.0391	65	0.000999	0.000999	0.00000501	0.00586	0.00106	0.0244	0.0163	0.00000519	19.9	0.0000175	0.000221	0.000222	0.00119
2107 Jun	125	0.0504	0.0589	0.00244	18	0.0391	65	0.000997	0.000997	0.00000501	0.00585	0.00106	0.0244	0.0163	0.00000518	19.9	0.0000176	0.000221	0.000223	0.00119
2107 Jul	125	0.0504	0.0591	0.00244	18	0.0391	65.2	0.000999	0.000999	0.00000501	0.00586	0.00106	0.0244	0.0164	0.00000519	19.9	0.0000176	0.000221	0.000223	0.00119
2107 Aug	125	0.0506	0.0593	0.00245	18.1	0.0393	65.4	0.001	0.001	0.00000503	0.00588	0.00106	0.0245	0.0164	0.0000052	20	0.0000176	0.000222	0.000223	0.0012
2107 Sep	125	0.0507	0.0593	0.00245	18.1	0.0393	65.4	0.001	0.001	0.00000503	0.00589	0.00106	0.0245	0.0164	0.00000521	20	0.0000176	0.000222	0.000224	0.0012
2107 Oct	125	0.0508	0.0592	0.00245	18.1	0.0393	65.3	0.001	0.001	0.00000503	0.00589	0.00106	0.0245	0.0164	0.0000052	20	0.0000176	0.000222	0.000223	0.0012
2107 Nov	125	0.0508	0.0592	0.00245	18.1	0.0393	65.3	0.001	0.001	0.00000503	0.00589	0.00106	0.0245	0.0164	0.0000052	20	0.0000176	0.000222	0.000223	0.0012
2107 Dec	125	0.0508	0.0592	0.00245	18.1	0.0393	65.3	0.001	0.001	0.00000503	0.00589	0.00106	0.0245	0.0164	0.0000052	20	0.0000176	0.000222	0.000223	0.0012
2108 Jan	125	0.0508	0.0592	0.00245	18.1	0.0393	65.3	0.001	0.001	0.00000503	0.00589	0.00106	0.0245	0.0164	0.0000052	20	0.0000176	0.000222	0.000223	0.0012

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	125	0.0508	0.0592	0.00245	18.1	0.0393	65.3	0.001	0.001	0.00000503	0.00589	0.00106	0.0245	0.0164	0.0000052	20	0.0000176	0.000222	0.000223	0.0012
2108 Mar	125	0.0508	0.0592	0.00245	18.1	0.0393	65.3	0.001	0.001	0.00000503	0.00589	0.00106	0.0245	0.0164	0.0000052	20	0.0000176	0.000222	0.000223	0.0012
2108 Apr	125	0.0509	0.0593	0.00245	18.1	0.0394	65.4	0.001	0.001	0.00000503	0.00589	0.00106	0.0245	0.0164	0.00000521	20	0.0000176	0.000222	0.000223	0.0012
2108 May	125	0.051	0.0594	0.00246	18.1	0.0394	65.5	0.001	0.001	0.00000504	0.0059	0.00107	0.0246	0.0164	0.00000522	20	0.0000177	0.000223	0.000224	0.0012
2108 Jun	125	0.0509	0.0593	0.00245	18.1	0.0393	65.4	0.001	0.001	0.00000503	0.0059	0.00106	0.0246	0.0164	0.00000521	20	0.0000177	0.000223	0.000224	0.0012
2108 Jul	126	0.051	0.0596	0.00247	18.2	0.0395	65.7	0.00101	0.00101	0.00000505	0.00593	0.00107	0.0247	0.0165	0.00000523	20.1	0.0000178	0.000224	0.000224	0.0012
2108 Aug	126	0.0513	0.0598	0.00248	18.2	0.0397	66	0.00101	0.00101	0.00000508	0.00595	0.00107	0.0248	0.0166	0.00000525	20.2	0.0000178	0.000225	0.000225	0.00121
2108 Sep	127	0.0514	0.0599	0.00248	18.3	0.0397	66.1	0.00101	0.00101	0.00000508	0.00596	0.00108	0.0248	0.0166	0.00000526	20.2	0.0000179	0.000225	0.000225	0.00121
2108 Oct	126	0.0514	0.0597	0.00247	18.2	0.0396	65.9	0.00101	0.00101	0.00000506	0.00595	0.00107	0.0247	0.0165	0.00000524	20.1	0.0000178	0.000224	0.000224	0.00121
2108 Nov	126	0.0514	0.0597	0.00247	18.2	0.0396	65.9	0.00101	0.00101	0.00000506	0.00595	0.00107	0.0247	0.0165	0.00000524	20.1	0.0000178	0.000224	0.000224	0.00121
2108 Dec	126	0.0514	0.0597	0.00247	18.2	0.0396	65.9	0.00101	0.00101	0.00000506	0.00595	0.00107	0.0247	0.0165	0.00000524	20.1	0.0000178	0.000224	0.000224	0.00121
2109 Jan	126	0.0514	0.0597	0.00247	18.2	0.0396	65.9	0.00101	0.00101	0.00000506	0.00595	0.00107	0.0247	0.0165	0.00000524	20.1	0.0000178	0.000224	0.000224	0.00121
2109 Feb	126	0.0514	0.0597	0.00247	18.2	0.0396	65.9	0.00101	0.00101	0.00000506	0.00595	0.00107	0.0247	0.0165	0.00000524	20.1	0.0000178	0.000224	0.000224	0.00121
2109 Mar	126	0.0514	0.0597	0.00247	18.2	0.0396	65.9	0.00101	0.00101	0.00000506	0.00595	0.00107	0.0247	0.0165	0.00000524	20.1	0.0000178	0.000224	0.000224	0.00121
2109 Apr	126	0.0515	0.0597	0.00247	18.2	0.0397	65.9	0.00101	0.00101	0.00000506	0.00595	0.00107	0.0248	0.0165	0.00000524	20.2	0.0000178	0.000224	0.000225	0.00121
2109 May	126	0.0515	0.0598	0.00247	18.2	0.0397	65.9	0.00101	0.00101	0.00000507	0.00596	0.00107	0.0248	0.0166	0.00000524	20.2	0.0000178	0.000225	0.000225	0.00121
2109 Jun	126	0.0516	0.0598	0.00247	18.2	0.0397	66	0.00101	0.00101	0.00000507	0.00596	0.00108	0.0248	0.0166	0.00000524	20.2	0.0000179	0.000225	0.000226	0.00121
2109 Jul	127	0.0517	0.06	0.00248	18.3	0.0398	66.1	0.00101	0.00101	0.00000508	0.00597	0.00108	0.0248	0.0167	0.00000525	20.3	0.0000179	0.000226	0.000227	0.00121
2109 Aug	127	0.0517	0.0601	0.00249	18.3	0.0399	66.3	0.00101	0.00101	0.00000509	0.00599	0.00108	0.0249	0.0167	0.00000527	20.3	0.0000179	0.000226	0.000227	0.00121
2109 Sep	127	0.0519	0.0601	0.00248	18.3	0.0399	66.3	0.00101	0.00101	0.00000509	0.00599	0.00108	0.0249	0.0167	0.00000527	20.3	0.0000179	0.000226	0.000227	0.00121
2109 Oct	126	0.0519	0.0598	0.00247	18.2	0.0398	66	0.00101	0.00101	0.00000507	0.00598	0.00108	0.0248	0.0166	0.00000525	20.3	0.0000179	0.000225	0.000226	0.00121
2109 Nov	126	0.052	0.0598	0.00247	18.2	0.0398	66	0.00101	0.00101	0.00000507	0.00598	0.00108	0.0248	0.0166	0.00000525	20.3	0.0000179	0.000225	0.000226	0.00121
2109 Dec	126	0.052	0.0598	0.00247	18.2	0.0398	66	0.00101	0.00101	0.00000507	0.00598	0.00108	0.0248	0.0166	0.00000525	20.3	0.0000179	0.000225	0.000226	0.00121
2110 Jan	126	0.052	0.0598	0.00247	18.2	0.0398	66	0.00101	0.00101	0.00000507	0.00598	0.00108	0.0248	0.0166	0.00000525	20.3	0.0000179	0.000225	0.000226	0.00121
2110 Feb	126	0.052	0.0598	0.00247	18.2	0.0398	66	0.00101	0.00101	0.00000507	0.00598	0.00108	0.0248	0.0166	0.00000525	20.3	0.0000179	0.000225	0.000226	0.00121
2110 Mar	127	0.052	0.0598	0.00247	18.2	0.0398	66	0.00101	0.00101	0.00000507	0.00598	0.00108	0.0248	0.0166	0.00000525	20.3	0.0000179	0.000225	0.000226	0.00121
2110 Apr	127	0.052	0.0598	0.00248	18.2	0.0398	66	0.00101	0.00101	0.00000507	0.00599	0.00108	0.0248	0.0166	0.00000525	20.3	0.0000179	0.000225	0.000226	0.00121
2110 May	127	0.0521	0.0599	0.00248	18.3	0.0399	66	0.00101	0.00101	0.00000508	0.00599	0.00108	0.0248	0.0167	0.00000525	20.3	0.0000179	0.000226	0.000226	0.00121
2110 Jun	126	0.0519	0.0596	0.00246	18.2	0.0396	65.6	0.00101	0.00101	0.00000505	0.00597	0.00108	0.0247	0.0167	0.00000523	20.3	0.0000179	0.000226	0.000228	0.00121
2110 Jul	127	0.052	0.0598	0.00247	18.3	0.0397	65.9	0.00101	0.00101	0.00000507	0.00599	0.00109	0.0248	0.0168	0.00000524	20.3	0.0000179	0.000227	0.000228	0.00121
2110 Aug	126	0.0518	0.0596	0.00246	18.2	0.0396	65.6	0.00101	0.00101	0.00000505	0.00597	0.00108	0.0247	0.0167	0.00000522	20.3	0.0000178	0.000226	0.000227	0.00121
2110 Sep	126	0.0518	0.0593	0.00245	18.1	0.0395	65.4	0.001	0.001	0.00000503	0.00595	0.00108	0.0246	0.0166	0.0000052	20.2	0.0000177	0.000225	0.000226	0.0012
2110 Oct	125	0.0518	0.0591	0.00244	18	0.0394	65.1	0.000998	0.000998	0.00000501	0.00594	0.00108	0.0245	0.0166	0.00000518	20.1	0.0000177	0.000224	0.000225	0.0012
2110 Nov	125	0.0519	0.059	0.00244	18	0.0394	65.1	0.000997	0.000997	0.000005	0.00594	0.00108	0.0245	0.0166	0.00000518	20.1	0.0000177	0.000224	0.000225	0.0012
2110 Dec	125	0.0519	0.059	0.00244	18	0.0394	65.1	0.000997	0.000997	0.000005	0.00594	0.00108	0.0245	0.0166	0.00000518	20.1	0.0000177	0.000224	0.000225	0.0012
2111 Jan	125	0.0519	0.059	0.00244	18	0.0394	65.1	0.000997	0.000997	0.000005	0.00594	0.00108	0.0245	0.0166	0.00000518	20.1	0.0000177	0.000224	0.000225	0.0012
2111 Feb	125	0.0519	0.059	0.00244	18	0.0394	65.1	0.000997	0.000997	0.000005	0.00594	0.00108	0.0245	0.0166	0.00000518	20.1	0.0000177	0.000224	0.000225	0.0012
2111 Mar	125	0.0519	0.059	0.00244	18	0.0394	65.1	0.000997	0.000997	0.000005	0.00594	0.00108	0.0245	0.0166	0.00000518	20.1	0.0000177	0.000224	0.000225	0.0012
2111 Apr	125	0.0519	0.059	0.00244	18	0.0394	65.1	0.000997	0.000997	0.00000501	0.00594	0.00108	0.0245	0.0166	0.00000518	20.1	0.0000177	0.000224	0.000225	0.0012
2111 May	125	0.052	0.0591	0.00244	18	0.0395	65.2	0.000998	0.000998	0.00000501	0.00595	0.00108	0.0246	0.0166	0.00000519	20.1	0.0000177	0.000224	0.000225	0.0012
2111 Jun	125	0.0519	0.059	0.00244	18	0.0393	65	0.000996	0.000996	0.000005	0.00594	0.00108	0.0245	0.0166	0.00000517	20.2	0.0000177	0.000225	0.000226	0.0012
2111 Jul	126	0.0521	0.0593	0.00245	18.1	0.0395	65.3	0.001	0.001	0.00000502	0.00597	0.00108	0.0246	0.0167	0.0000052	20.3	0.0000178	0.000226	0.000227	0.0012
2111 Aug	126	0.0521	0.0593	0.00245	18.1	0.0395	65.3	0.001	0.001	0.00000502	0.00596	0.00108	0.0246	0.0167	0.00000519	20.2	0.0000178	0.000226	0.000227	0.0012
2111 Sep	125	0.0521	0.0592	0.00245	18.1	0.0395	65.3	0.000999	0.000999	0.00000502	0.00596	0.00108	0.0246	0.0167	0.00000519	20.2	0.0000177	0.000226	0.000226	0.0012
2111 Oct	125	0.0522	0.059	0.00244	18	0.0395	65.1	0.000997	0.000997	0.000005	0.00595	0.00108	0.0246	0.0167	0.00000518	20.2	0.0000177	0.000225	0.000226	0.0012
2111 Nov	125	0.0522	0.0589	0.00244	18	0.0394	65	0.000995	0.000995	0.000005	0.00595	0.00108	0.0245	0.0166	0.00000517	20.1	0.0000177	0.000225	0.000225	0.0012
2111 Dec	125	0.0522	0.0589	0.00244	18	0.0394	65	0.000995	0.000995	0.000005	0.00595	0.00108	0.0245	0.0166	0.00000517	20.1	0.0000177	0.000225	0.000225	0.0012
2112 Jan	125	0.0522	0.0589	0.00244	18	0.0394	65	0.000995	0.000995	0.000005	0.00595	0.00108	0.0245	0.0166	0.00000517	20.1	0.0000177	0.000225	0.000225	0.0012
2112 Feb	125	0.0522	0.0589	0.00244	18	0.0394	65	0.000995	0.000995	0.000005	0.00595	0.00108	0.0245	0.0166	0.00000517	20.1	0.0000177	0.000225	0.000225	0.0012
2112 Mar	125	0.0522	0.0589	0.00244	18	0.0394	65	0.000995	0.000995	0.000005	0.00595	0.00108	0.0245	0.0166	0.00000517	20.2	0.0000177	0.000225	0.000225	0.0012
2112 Apr	125	0.0523	0.0589	0.00244	18	0.0395	65	0.000996	0.000996	0.000005	0.00595	0.00108	0.0245	0.0166	0.00000517	20.2	0.0000177	0.000225	0.000225	0.0012
2112 May	125	0.0523	0.059	0.00244	18	0.0395	65	0.000996	0.000996	0.000005	0.00596	0.00108	0.0245	0.0167	0.00000518	20.2	0.0000177	0.000225	0.000226	0.0012
2112 Jun	124	0.052	0.0586	0.00242	17.9	0.0391	64.6	0.000989	0.000989	0.00000497	0.00592	0.00108	0.0244	0.0167	0.00000514	20.1	0.0000176	0.000225	0.000226	0.00119
2112 Jul	125	0.0521	0.0588	0.00243	17.9	0.0392	64.7	0.000991	0.000991	0.00000498	0.00594	0.00108	0.0244	0.0167	0.00000515	20.2	0.0000177	0.000225	0.000226	0.00119
2112 Aug	125	0.0522	0.0589	0.00243	18	0.0393	64.9	0.000994	0.000994	0.00000499	0.00596	0.00109	0.0245	0.0167	0.00000516	20.2	0.0000177	0.000226	0.000227	0.0012
2112 Sep	125	0.0523	0.0589	0.00243	18	0.0394	64.9	0.000994	0.000994	0.00000499	0.00596	0.00109	0.0245	0.0167	0.00000516	20.2	0.0000177	0.000226	0.000227	0.00119
2112 Oct	125	0.0524	0.0588	0.00243	18	0.0394	64.8	0.000993	0.000993	0.00000499	0.00596	0.00109	0.0245	0.0167	0.00000516	20.2	0.0000177	0.000226	0.000226	0.00119
2112 Nov	125	0.0524	0.0588	0.00243	18	0.0394	64.8	0.000993	0.000993	0.00000499	0.00596	0.00109	0.0245	0.0167	0.00000516	20.2	0.0000177	0.000226	0.000226	0.00119
2112 Dec	125	0.0524	0.0588	0.00243	18	0.0394	64.8	0.000993	0.000993	0.00000499	0.00596	0.00109	0.0245	0.0167	0.00000516	20.2	0.0000177	0.000226	0.000226	0.00119
2113 Jan	125	0.0524	0.0588	0.00243	18	0.0394	64.8	0.000993	0.000993	0.00000499	0.00596	0.00109	0.0245	0.0167	0.00000516	20.2	0.0000177	0.000226	0.000226	0.00119
2113 Feb	125	0.0525	0.0588	0.00243	18	0.0394	64.8	0.000993	0.000993	0.00000499	0.00596	0.00109	0.0245	0.0167	0.00000516	20.2	0.0000177	0.000226	0.000226	0.00119
2113 Mar	125	0.0525	0.0588	0.00243	18	0.0394	64.8	0.000994	0.000994	0.00000499	0.00597	0.00109	0.0245	0.0167	0.00000516	20.2	0.0000177	0.000226	0.000227	0.00119
2113 Apr	125	0.0525	0.0588	0.00243	18	0.0394	64.8	0.000994	0.000994	0.00000499	0.00597	0.00109	0.0245	0.0167	0.00000517	20.2	0.0000177	0.000226	0.000227	0.0012
2113 May	125	0.0526	0.0589	0.00243	18	0.0394	64.8	0.000995	0.000995	0.000005	0.00597	0.00109	0.0245	0.0168	0.00000517	20.3	0.0000177	0.000226	0.000227	0.0012
2113 Jun	125	0.0525	0.0588	0.00243	18	0.0393	64.7	0.000992	0.000992	0.00000498	0.00596	0.00109	0.0245	0.0168	0.00000516	20.3	0.0000177	0.000227	0.000228	0.00119
2113 Jul	125	0.0526	0.059	0.00244	18.1	0.0394	65	0.000996	0.000996	0.000005	0.00598	0.00109	0.0246	0.0169	0.00000517	20.3	0.0000178	0.000227	0.000229	0.0012
2113 Aug	126	0.0528	0.0592	0.00244	18.1	0.0395	65.1	0.000998	0.000998	0.00000501	0.006	0.0011	0.0246	0.0169	0.00000519	20.4	0.0000178	0.000228	0.000229	0.0012
2113 Sep	126	0.0528	0.0591	0.00244	18.1	0.0396	65.1	0.000997	0.000997	0.00000501	0.006	0.0011	0.0246	0.0169	0.00000518	20.4	0.0000178	0.000228	0.000229	0.0012
2113 Oct	125	0.0529	0.0588	0.00243	18	0.0394	64.8	0.000993	0.000993	0.00000499	0.00598	0.00109	0.0245	0.0168	0.00000516	20.3	0.0000177	0.000227	0.000228	0.0012
2113 Nov	125	0.0529	0.0588	0.00243	18	0.0394	64.7	0.000992	0.000992	0.00000498	0.00598	0.00109	0.0245	0.0168	0.00000516	20.3	0.0000177	0.000227	0.000227	0.0012
2113 Dec	125	0.0529	0.0588	0.00243	18	0.0394	64.7	0.000992	0.000992	0.00000498	0.00598	0.00109	0.0245	0.0168	0.00000516	20.3	0.0000177	0.000227	0.000227	0.0012
2114 Jan	125	0.0529	0.0588	0.00243	18	0.0394	64.7	0.000992	0.000992	0.00000498	0.00598	0.00109	0.0245	0.0168	0.00000516	20.3	0.0000177	0.000227	0.000227	0.0012
2114 Feb	125	0.0529	0.0588	0.00243	18	0.0394	64.7	0.000992	0.000992	0.00000498	0.00598	0.00109	0.0245	0.0168	0.00000516	20.3	0.0000177	0.000227	0.000227	0.0012
2114 Mar	125	0.0529	0.0588	0.00243	18	0.0394	64.7	0.000992	0.000992	0.00000498	0.00598	0.00109	0.0245	0.0168	0.00000516	20.3	0.0000177	0.000227	0.000227	0.0012
2114 Apr	125	0.053	0.0588	0.00243	18	0.0394	64.8	0.000993	0.000993	0.00000498	0.00599	0.00109	0.0245	0.0168	0.00000516	20.3	0.0000177	0.000227	0.000227	0.0012
2114 May	125	0.053	0.0588	0.00243	18	0.0394	64.7	0.000993	0.000993	0.00000498	0.00599	0.00109	0.0245	0.0169	0.00000516	20.3	0.0000177	0.000227	0.000228	0.0012
2114 Jun	125	0.0531	0.0588	0.00243	18	0.0394	64.7	0.000993	0.000993	0.00000499	0.00599	0.0011	0.0245	0.0169	0.00000516	20.4	0.0000178	0.000228	0.00023	0.0012

Appendix D.2-21: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	126	0.0533	0.0592	0.00244	18.1	0.0396	65.1	0.000998	0.000998	0.00000501	0.00602	0.0011	0.0246	0.017	0.00000519	20.5	0.0000179	0.000229	0.000231	0.0012
2114 Aug	126	0.0536	0.0594	0.00245	18.2	0.0398	65.4	0.001	0.001	0.00000504	0.00605	0.00111	0.0248	0.0171	0.00000521	20.6	0.000018	0.00023	0.000232	0.00121
2114 Sep	126	0.0536	0.0593	0.00245	18.2	0.0398	65.3	0.001	0.001	0.00000503	0.00605	0.00111	0.0247	0.0171	0.00000521	20.5	0.0000179	0.00023	0.000231	0.00121
2114 Oct	126	0.0537	0.0592	0.00244	18.1	0.0397	65.1	0.001	0.001	0.00000502	0.00605	0.00111	0.0247	0.017	0.00000519	20.5	0.0000179	0.00023	0.000231	0.00121
2114 Nov	126	0.0538	0.059	0.00244	18.1	0.0397	65	0.000998	0.000998	0.00000501	0.00604	0.0011	0.0246	0.017	0.00000518	20.5	0.0000179	0.000229	0.00023	0.0012
2114 Dec	126	0.0538	0.059	0.00244	18.1	0.0397	64.9	0.000998	0.000998	0.00000501	0.00604	0.0011	0.0246	0.017	0.00000518	20.5	0.0000179	0.000229	0.00023	0.0012
2115 Jan	126	0.0538	0.059	0.00244	18.1	0.0397	64.9	0.000998	0.000998	0.00000501	0.00604	0.0011	0.0246	0.017	0.00000518	20.5	0.0000179	0.000229	0.00023	0.0012
2115 Feb	126	0.0538	0.059	0.00244	18.1	0.0397	64.9	0.000998	0.000998	0.00000501	0.00604	0.0011	0.0246	0.017	0.00000518	20.5	0.0000179	0.000229	0.00023	0.0012
2115 Mar	126	0.0538	0.059	0.00244	18.1	0.0397	64.9	0.000998	0.000998	0.00000501	0.00604	0.0011	0.0246	0.017	0.00000518	20.5	0.0000179	0.000229	0.00023	0.0012
2115 Apr	126	0.0538	0.059	0.00244	18.1	0.0397	65	0.000998	0.000998	0.00000501	0.00605	0.0011	0.0246	0.017	0.00000519	20.5	0.0000179	0.000229	0.00023	0.0012
2115 May	126	0.0539	0.0591	0.00244	18.1	0.0397	65	0.000998	0.000998	0.00000501	0.00605	0.00111	0.0246	0.017	0.00000518	20.5	0.0000179	0.00023	0.000231	0.0012
2115 Jun	126	0.054	0.0592	0.00244	18.2	0.0398	65.2	0.001	0.001	0.00000502	0.00606	0.00111	0.0247	0.0171	0.0000052	20.6	0.0000179	0.000231	0.000232	0.00121
2115 Jul	127	0.0542	0.0595	0.00245	18.2	0.0399	65.5	0.001	0.001	0.00000504	0.00608	0.00111	0.0248	0.0172	0.00000522	20.7	0.000018	0.000231	0.000233	0.00121
2115 Aug	126	0.0541	0.0595	0.00245	18.2	0.0399	65.5	0.001	0.001	0.00000503	0.00608	0.00111	0.0248	0.0172	0.00000521	20.6	0.000018	0.000231	0.000232	0.00121
2115 Sep	126	0.0542	0.0594	0.00245	18.2	0.04	65.4	0.001	0.001	0.00000504	0.00608	0.00111	0.0248	0.0172	0.00000521	20.6	0.000018	0.000231	0.000232	0.00121
2115 Oct	126	0.0543	0.0594	0.00245	18.2	0.04	65.4	0.001	0.001	0.00000503	0.00608	0.00111	0.0248	0.0172	0.00000521	20.6	0.000018	0.000231	0.000232	0.00121
2115 Nov	126	0.0543	0.0593	0.00245	18.2	0.04	65.3	0.001	0.001	0.00000503	0.00608	0.00111	0.0248	0.0171	0.0000052	20.6	0.0000179	0.000231	0.000231	0.00121
2115 Dec	126	0.0543	0.0593	0.00245	18.2	0.04	65.3	0.001	0.001	0.00000503	0.00608	0.00111	0.0248	0.0171	0.0000052	20.6	0.0000179	0.000231	0.000231	0.00121
2116 Jan	126	0.0543	0.0593	0.00245	18.2	0.04	65.3	0.001	0.001	0.00000503	0.00608	0.00111	0.0248	0.0171	0.0000052	20.6	0.0000179	0.000231	0.000231	0.00121
2116 Feb	126	0.0543	0.0593	0.00245	18.2	0.04	65.3	0.001	0.001	0.00000503	0.00608	0.00111	0.0248	0.0171	0.0000052	20.6	0.0000179	0.000231	0.000231	0.00121
2116 Mar	126	0.0544	0.0593	0.00245	18.2	0.04	65.3	0.001	0.001	0.00000503	0.00608	0.00111	0.0248	0.0171	0.0000052	20.6	0.0000179	0.000231	0.000231	0.00121
2116 Apr	126	0.0544	0.0593	0.00245	18.2	0.04	65.3	0.001	0.001	0.00000503	0.00608	0.00111	0.0248	0.0172	0.00000521	20.6	0.0000179	0.000231	0.000232	0.00121
2116 May	126	0.0544	0.0593	0.00245	18.2	0.04	65.3	0.001	0.001	0.00000504	0.00609	0.00112	0.0248	0.0172	0.00000521	20.7	0.000018	0.000231	0.000232	0.00121
2116 Jun	126	0.0542	0.0591	0.00244	18.1	0.0397	64.9	0.000997	0.000997	0.00000501	0.00606	0.00111	0.0247	0.0172	0.00000518	20.6	0.0000179	0.000231	0.000233	0.00121
2116 Jul	126	0.0544	0.0593	0.00245	18.2	0.0398	65.2	0.001	0.001	0.00000503	0.00609	0.00112	0.0248	0.0173	0.0000052	20.7	0.000018	0.000232	0.000234	0.00121
2116 Aug	127	0.0546	0.0596	0.00246	18.3	0.04	65.5	0.001	0.001	0.00000505	0.00611	0.00112	0.0249	0.0173	0.00000522	20.8	0.0000181	0.000233	0.000234	0.00121
2116 Sep	127	0.0546	0.0594	0.00245	18.2	0.04	65.3	0.001	0.001	0.00000503	0.00611	0.00112	0.0248	0.0173	0.00000521	20.7	0.000018	0.000233	0.000234	0.00121
2116 Oct	126	0.0547	0.0592	0.00244	18.2	0.0399	65.1	0.001	0.001	0.00000502	0.0061	0.00112	0.0248	0.0172	0.00000519	20.7	0.000018	0.000232	0.000233	0.00121
2116 Nov	126	0.0548	0.0592	0.00244	18.2	0.0399	65.1	0.001	0.001	0.00000502	0.0061	0.00112	0.0248	0.0172	0.00000519	20.7	0.000018	0.000232	0.000233	0.00121
2116 Dec	126	0.0548	0.0592	0.00244	18.2	0.0399	65.1	0.001	0.001	0.00000502	0.0061	0.00112	0.0248	0.0172	0.00000519	20.7	0.000018	0.000232	0.000233	0.00121
2117 Jan	126	0.0548	0.0592	0.00244	18.2	0.0399	65.1	0.001	0.001	0.00000502	0.0061	0.00112	0.0248	0.0172	0.00000519	20.7	0.000018	0.000232	0.000233	0.00121
2117 Feb	126	0.0548	0.0592	0.00244	18.2	0.0399	65.1	0.001	0.001	0.00000502	0.0061	0.00112	0.0248	0.0172	0.00000519	20.7	0.000018	0.000232	0.000233	0.00121
2117 Mar	126	0.0548	0.0592	0.00244	18.2	0.0399	65.1	0.001	0.001	0.00000502	0.0061	0.00112	0.0248	0.0172	0.0000052	20.7	0.000018	0.000232	0.000233	0.00121
2117 Apr	126	0.0548	0.0592	0.00244	18.2	0.0399	65.1	0.001	0.001	0.00000502	0.0061	0.00112	0.0248	0.0173	0.0000052	20.7	0.000018	0.000232	0.000233	0.00121
2117 May	126	0.0549	0.0593	0.00245	18.2	0.04	65.2	0.001	0.001	0.00000503	0.00611	0.00112	0.0248	0.0173	0.0000052	20.7	0.000018	0.000233	0.000233	0.00121
2117 Jun	127	0.055	0.0594	0.00245	18.2	0.04	65.3	0.001	0.001	0.00000503	0.00612	0.00112	0.0248	0.0173	0.0000052	20.8	0.0000181	0.000233	0.000235	0.00121
2117 Jul	127	0.0552	0.0597	0.00246	18.3	0.0402	65.6	0.00101	0.00101	0.00000505	0.00614	0.00113	0.0249	0.0174	0.00000523	20.9	0.0000181	0.000234	0.000236	0.00122
2117 Aug	128	0.0553	0.0598	0.00247	18.4	0.0403	65.8	0.00101	0.00101	0.00000506	0.00616	0.00113	0.025	0.0175	0.00000524	20.9	0.0000182	0.000235	0.000236	0.00122
2117 Sep	128	0.0554	0.0599	0.00247	18.4	0.0403	65.8	0.00101	0.00101	0.00000507	0.00617	0.00113	0.025	0.0175	0.00000525	20.9	0.0000182	0.000235	0.000236	0.00122
2117 Oct	128	0.0555	0.0598	0.00247	18.4	0.0403	65.8	0.00101	0.00101	0.00000507	0.00617	0.00113	0.025	0.0175	0.00000524	20.9	0.0000182	0.000235	0.000236	0.00122
2117 Nov	127	0.0555	0.0598	0.00246	18.4	0.0403	65.7	0.00101	0.00101	0.00000506	0.00616	0.00113	0.025	0.0175	0.00000524	20.9	0.0000182	0.000235	0.000236	0.00122
2117 Dec	127	0.0555	0.0598	0.00246	18.4	0.0403	65.7	0.00101	0.00101	0.00000506	0.00616	0.00113	0.025	0.0174	0.00000524	20.9	0.0000182	0.000235	0.000236	0.00122
2118 Jan	127	0.0555	0.0598	0.00246	18.4	0.0403	65.7	0.00101	0.00101	0.00000506	0.00616	0.00113	0.025	0.0174	0.00000524	20.9	0.0000182	0.000235	0.000236	0.00122
2118 Feb	127	0.0555	0.0598	0.00246	18.4	0.0403	65.7	0.00101	0.00101	0.00000506	0.00616	0.00113	0.025	0.0174	0.00000524	20.9	0.0000182	0.000235	0.000236	0.00122
2118 Mar	127	0.0555	0.0598	0.00246	18.4	0.0403	65.7	0.00101	0.00101	0.00000506	0.00617	0.00113	0.025	0.0175	0.00000524	20.9	0.0000182	0.000235	0.000236	0.00122
2118 Apr	127	0.0555	0.0598	0.00247	18.4	0.0403	65.8	0.00101	0.00101	0.00000506	0.00617	0.00113	0.025	0.0175	0.00000524	20.9	0.0000182	0.000235	0.000236	0.00122
2118 May	127	0.0555	0.0598	0.00246	18.4	0.0403	65.7	0.00101	0.00101	0.00000506	0.00616	0.00113	0.025	0.0175	0.00000524	20.9	0.0000182	0.000235	0.000236	0.00122
2118 Jun	127	0.0554	0.0596	0.00245	18.3	0.04	65.5	0.001	0.001	0.00000503	0.00614	0.00113	0.0249	0.0175	0.00000521	20.9	0.0000181	0.000235	0.000237	0.00122
2118 Jul	128	0.0556	0.0599	0.00247	18.4	0.0402	65.9	0.00101	0.00101	0.00000506	0.00617	0.00114	0.025	0.0176	0.00000524	21	0.0000182	0.000236	0.000238	0.00122
2118 Aug	128	0.0556	0.0599	0.00247	18.4	0.0403	65.9	0.00101	0.00101	0.00000506	0.00617	0.00114	0.025	0.0176	0.00000523	21	0.0000182	0.000236	0.000238	0.00122
2118 Sep	127	0.0556	0.0597	0.00246	18.3	0.0402	65.6	0.001	0.001	0.00000504	0.00615	0.00113	0.025	0.0175	0.00000521	20.9	0.0000181	0.000235	0.000237	0.00122
2118 Oct	127	0.0557	0.0595	0.00245	18.3	0.0401	65.4	0.001	0.001	0.00000502	0.00614	0.00113	0.0249	0.0175	0.0000052	20.9	0.0000181	0.000235	0.000236	0.00121
2118 Nov	127	0.0557	0.0594	0.00245	18.3	0.0401	65.3	0.001	0.001	0.00000502	0.00614	0.00113	0.0249	0.0174	0.0000052	20.9	0.0000181	0.000234	0.000235	0.00121
2118 Dec	127	0.0557	0.0594	0.00245	18.3	0.0401	65.3	0.001	0.001	0.00000502	0.00614	0.00113	0.0249	0.0174	0.0000052	20.9	0.0000181	0.000234	0.000235	0.00121
2119 Jan	127	0.0557	0.0594	0.00245	18.3	0.0401	65.3	0.001	0.001	0.00000502	0.00614	0.00113	0.0249	0.0174	0.0000052	20.9	0.0000181	0.000234	0.000235	0.00121
2119 Feb	127	0.0557	0.0594	0.00245	18.3	0.0401	65.3	0.001	0.001	0.00000502	0.00614	0.00113	0.0249	0.0174	0.0000052	20.9	0.0000181	0.000234	0.000236	0.00121
2119 Mar	127	0.0557	0.0594	0.00245	18.3	0.0401	65.3	0.001	0.001	0.00000502	0.00614	0.00113	0.0249	0.0175	0.0000052	20.9	0.0000181	0.000235	0.000236	0.00121
2119 Apr	127	0.0558	0.0595	0.00245	18.3	0.0401	65.4	0.001	0.001	0.00000503	0.00615	0.00113	0.0249	0.0175	0.0000052	20.9	0.0000181	0.000235	0.000236	0.00122
2119 May	127	0.0558	0.0594	0.00244	18.3	0.04	65.3	0.000999	0.000999	0.00000501	0.00614	0.00113	0.0248	0.0175	0.00000519	20.9	0.0000181	0.000235	0.000237	0.00121
2119 Jun	127	0.0557	0.0594	0.00244	18.3	0.04	65.3	0.000997	0.000997	0.00000501	0.00613	0.00113	0.0248	0.0175	0.00000518	20.9	0.0000181	0.000235	0.000237	0.00121
2119 Jul	127	0.0559	0.0597	0.00245	18.3	0.0401	65.6	0.001	0.001	0.00000503	0.00616	0.00114	0.025	0.0176	0.00000521	21	0.0000182	0.000236	0.000238	0.00122
2119 Aug	128	0.056	0.0599	0.00246	18.4	0.0403	65.8	0.001	0.001	0.00000504	0.00618	0.00114	0.025	0.0176	0.00000522	21	0.0000182	0.000237	0.000239	0.00122
2119 Sep	127	0.0561	0.0597	0.00246	18.3	0.0402	65.6	0.001	0.001	0.00000503	0.00617	0.00114	0.025	0.0176	0.00000521	21	0.0000181	0.000236	0.000238	0.00122
2119 Oct	127	0.0561	0.0596	0.00245	18.3	0.0402	65.5	0.001	0.001	0.00000502	0.00616	0.00114	0.025	0.0176	0.0000052	21	0.0000181	0.000236	0.000237	0.00122
2119 Nov	127	0.0561	0.0595	0.00245	18.3	0.0402	65.4	0.001	0.001	0.00000502	0.00616	0.00114	0.0249	0.0176	0.00000519	21	0.0000181	0.000236	0.000237	0.00122
2119 Dec	127	0.0562	0.0595	0.00245	18.3	0.0402	65.4	0.001	0.001	0.00000502	0.00616	0.00114	0.0249	0.0176	0.00000519	21	0.0000181	0.000236	0.000237	0.00122

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0231	0.0000102	4.66	26.1	0.118	0.0061	170	0.0205	0.0209	0.000108	0.00128	0.000451	0.558	0.00000313	0.000172	0.00213	0.00325	0.00087
Operation (2026-2036): Mean	0.061	0.0000166	378	128	0.265	0.0904	11900	0.0509	0.0295	0.000183	0.0201	0.00246	31.9	0.0000402	0.000763	0.0112	0.0326	0.243
Operation (2026-2036): Max	0.0699	0.000052	513	241	0.332	0.124	16300	0.0718	0.0396	0.000203	0.0249	0.00336	44.4	0.0000498	0.00365	0.0133	0.0398	0.335
Active Closure (2037-2043): Min	0.0151	0.000000759	0.815	1.04	0.00346	0.000071	4.04	0.000544	0.00463	0.0000532	0.0000209	0.0000404	0.027	0.00000189	0.0000153	0.0000786	0.000803	0.00916
Active Closure (2037-2043): Mean	0.0175	0.00000373	1.32	5.15	0.0176	0.000576	13.4	0.00341	0.00787	0.0000629	0.000178	0.000111	0.0782	0.00000201	0.000119	0.000217	0.00108	0.00916
Active Closure (2037-2043): Max	0.0339	0.0000121	14.6	17.1	0.0669	0.00348	450	0.012	0.0149	0.000211	0.000825	0.000317	1.26	0.00000355	0.000423	0.000714	0.00206	0.00916
Post Closure (2044-2119): Min	0.0166	0.00000307	1.08	3.98	0.0132	0.000411	6.49	0.00257	0.00789	0.0000536	0.000129	0.0000898	0.0545	0.00000199	0.0000909	0.000171	0.00101	0
Post Closure (2044-2119): Mean	0.0337	0.00000654	1.27	4.74	0.0258	0.000532	6.59	0.00307	0.0243	0.000137	0.000179	0.000105	0.0793	0.00000205	0.000118	0.000342	0.00132	0
Post Closure (2044-2119): Max	0.0477	0.00000911	1.43	5.3	0.0363	0.000628	6.71	0.0034	0.037	0.00021	0.000208	0.000116	0.0998	0.00000211	0.000137	0.000469	0.0015	0
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0.0331	0.0000197	4.66	26.1	0.118	0.0061	170	0.0205	0.0391	0.000121	0.00128	0.000451	0.558	0.00000313	0.00148	0.00213	0.00325	0.000871
2026 Feb	0.0332	0.0000197	4.66	26.1	0.118	0.0061	170	0.0205	0.0392	0.000122	0.00128	0.000451	0.558	0.00000313	0.00148	0.00213	0.00325	0.00087
2026 Mar	0.0333	0.0000197	4.66	26.1	0.118	0.0061	170	0.0205	0.0392	0.000122	0.00128	0.000451	0.558	0.00000313	0.00148	0.00213	0.00325	0.00087
2026 Apr	0.0334	0.0000197	4.67	26.1	0.118	0.00611	170	0.0206	0.0393	0.000123	0.00128	0.000452	0.559	0.00000314	0.00148	0.00213	0.00325	0.000872
2026 May	0.0337	0.0000199	4.72	26.4	0.12	0.00617	172	0.0208	0.0396	0.000124	0.00129	0.000457	0.565	0.00000317	0.0015	0.00216	0.00329	0.000881
2026 Jun	0.0256	0.0000339	63.6	110	0.208	0.0102	1300	0.0438	0.0279	0.000119	0.00193	0.00101	0.826	0.00000403	0.00256	0.00318	0.00482	0.0212
2026 Jul	0.0231	0.0000393	83.4	140	0.245	0.012	1690	0.0529	0.0245	0.000119	0.00221	0.00123	0.953	0.00000443	0.00302	0.00363	0.00539	0.028
2026 Aug	0.0247	0.0000473	133	202	0.282	0.0135	2600	0.0648	0.0223	0.000115	0.00227	0.00154	1.01	0.00000484	0.00343	0.00382	0.00583	0.0451
2026 Sep	0.0259	0.000052	164	241	0.303	0.0142	3160	0.0718	0.0209	0.000113	0.00227	0.00173	1.03	0.00000505	0.00365	0.00389	0.00607	0.0559
2026 Oct	0.0272	0.0000502	156	229	0.291	0.0137	3010	0.0687	0.0231	0.000109	0.00218	0.00165	0.998	0.00000494	0.0035	0.00375	0.00588	0.0531
2026 Nov	0.0275	0.0000499	154	227	0.288	0.0136	2980	0.068	0.0237	0.000108	0.00216	0.00164	0.989	0.00000492	0.00347	0.00371	0.00584	0.0526
2026 Dec	0.0276	0.0000498	154	227	0.288	0.0135	2980	0.0679	0.0238	0.000108	0.00216	0.00163	0.987	0.00000492	0.00346	0.00371	0.00583	0.0525
2027 Jan	0.046	0.0000325	327	192	0.307	0.067	9430	0.0601	0.0265	0.000148	0.0121	0.00135	21.9	0.0000245	0.00203	0.00786	0.0206	0.189
2027 Feb	0.0587	0.0000207	446	168	0.32	0.104	13900	0.0548	0.0283	0.000176	0.0189	0.00116	36.3	0.0000379	0.00105	0.0107	0.0308	0.283
2027 Mar	0.0625	0.0000171	482	160	0.323	0.115	15200	0.0532	0.0289	0.000184	0.0209	0.00111	40.7	0.0000419	0.000751	0.0116	0.0339	0.311
2027 Apr	0.0645	0.0000153	501	157	0.326	0.121	15900	0.0524	0.0292	0.000188	0.022	0.00108	43	0.0000441	0.0006	0.012	0.0355	0.326
2027 May	0.0658	0.0000143	513	155	0.328	0.124	16300	0.0521	0.0295	0.000191	0.0227	0.00107	44.4	0.0000454	0.000517	0.0123	0.0365	0.335
2027 Jun	0.0501	0.0000279	361	178	0.306	0.0786	10800	0.0571	0.0272	0.000161	0.0142	0.00126	26.6	0.0000287	0.00166	0.00876	0.0239	0.217
2027 Jul	0.0566	0.0000249	441	190	0.328	0.098	13400	0.0591	0.0268	0.000171	0.0177	0.00129	33.9	0.0000357	0.00133	0.0103	0.0292	0.272
2027 Aug	0.052	0.0000255	388	172	0.316	0.0879	11800	0.0569	0.0269	0.000167	0.016	0.00124	30.1	0.000032	0.00152	0.00957	0.0264	0.24
2027 Sep	0.0491	0.0000354	386	231	0.332	0.0749	10900	0.0669	0.0244	0.00015	0.0134	0.00153	24.7	0.0000272	0.00208	0.00848	0.0228	0.219
2027 Oct	0.0554	0.0000225	416	165	0.316	0.0963	12800	0.0551	0.0279	0.000172	0.0175	0.00118	33.4	0.0000351	0.00125	0.0102	0.0288	0.261
2027 Nov	0.0608	0.0000169	462	150	0.319	0.112	14600	0.0519	0.0291	0.000184	0.0204	0.00107	39.5	0.0000408	0.000803	0.0114	0.033	0.3
2027 Dec	0.0635	0.0000148	489	149	0.322	0.119	15600	0.0512	0.0294	0.000189	0.0217	0.00105	42.4	0.0000435	0.00061	0.0119	0.0351	0.319
2028 Jan	0.0652	0.0000135	498	146	0.319	0.122	15900	0.0509	0.0295	0.000192	0.0226	0.0011	43.5	0.0000452	0.000489	0.0123	0.0364	0.327
2028 Feb	0.0664	0.0000127	497	142	0.314	0.122	15900	0.0507	0.0297	0.000194	0.0232	0.00119	43.7	0.0000463	0.000411	0.0125	0.0372	0.327
2028 Mar	0.0671	0.0000122	497	140	0.311	0.122	16000	0.0506	0.0297	0.000195	0.0235	0.00125	43.8	0.000047	0.000364	0.0127	0.0378	0.327
2028 Apr	0.0676	0.0000118	497	139	0.309	0.122	16000	0.0505	0.0298	0.000196	0.0238	0.00129	43.8	0.0000475	0.000331	0.0128	0.0381	0.328
2028 May	0.0681	0.0000116	498	138	0.308	0.123	16000	0.0505	0.0299	0.000197	0.024	0.00132	44	0.000048	0.000308	0.0129	0.0385	0.329
2028 Jun	0.0615	0.0000155	428	135	0.293	0.104	13600	0.05	0.0297	0.000186	0.0205	0.00131	36.9	0.0000411	0.000696	0.0114	0.0332	0.279
2028 Jul	0.0639	0.0000144	442	134	0.293	0.108	14100	0.0508	0.0297	0.00019	0.0219	0.00144	38.4	0.0000437	0.000581	0.012	0.0353	0.289
2028 Aug	0.063	0.0000154	439	139	0.294	0.106	13900	0.0519	0.029	0.000188	0.0216	0.00148	37.7	0.0000432	0.000655	0.0119	0.0348	0.285
2028 Sep	0.054	0.0000223	362	147	0.289	0.0844	11200	0.054	0.0279	0.000172	0.0171	0.00147	29.1	0.0000342	0.00128	0.01	0.028	0.227
2028 Oct	0.0543	0.0000209	346	137	0.273	0.0812	10700	0.0506	0.0298	0.000165	0.0164	0.00138	28.1	0.000033	0.00116	0.00959	0.027	0.218
2028 Nov	0.0627	0.0000148	424	131	0.284	0.103	13500	0.0498	0.0301	0.000183	0.021	0.00143	36.6	0.000042	0.000615	0.0116	0.0339	0.276
2028 Dec	0.0652	0.0000131	449	131	0.288	0.11	14400	0.0498	0.0301	0.000189	0.0224	0.00145	39.2	0.0000448	0.000456	0.0122	0.036	0.294
2029 Jan	0.0665	0.0000123	458	130	0.289	0.113	14700	0.0499	0.0301	0.000192	0.0231	0.00159	40.3	0.0000462	0.000376	0.0125	0.0371	0.302
2029 Feb	0.0673	0.0000118	461	129	0.287	0.113	14800	0.0499	0.0301	0.000194	0.0235	0.00178	40.7	0.000047	0.000329	0.0126	0.0377	0.304
2029 Mar	0.0678	0.0000115	463	128	0.286	0.114	14900	0.0499	0.0301	0.000195	0.0238	0.00191	40.9	0.0000475	0.000299	0.0128	0.0381	0.306
2029 Apr	0.0681	0.0000112	465	128	0.286	0.114	14900	0.0499	0.0301	0.000196	0.024	0.00199	41.1	0.0000479	0.000277	0.0128	0.0384	0.307
2029 May	0.0685	0.0000111	466	127	0.286	0.115	15000	0.05	0.0301	0.000197	0.0241	0.00206	41.3	0.0000483	0.000262	0.0129	0.0387	0.308
2029 Jun	0.0641	0.0000153	428	138	0.281	0.102	13500	0.0513	0.0297	0.000187	0.0215	0.00204	36.4	0.0000431	0.000586	0.0118	0.0347	0.277
2029 Jul	0.0548	0.0000197	340	127	0.27	0.0819	10700	0.0506	0.0291	0.000176	0.0174	0.00201	28.4	0.0000348	0.00112	0.0101	0.0284	0.217
2029 Aug	0.0562	0.0000202	363	138	0.28	0.0859	11300	0.0531	0.0281	0.000177	0.0183	0.00216	29.8	0.0000365	0.00111	0.0105	0.0298	0.23
2029 Sep	0.0583	0.0000208	388	152	0.287	0.0896	12000	0.0553	0.0278	0.000177	0.019	0.00227	31.2	0.0000381	0.00108	0.0108	0.031	0.244
2029 Oct	0.0616	0.0000147	399	121	0.275	0.0984	12700	0.0499	0.0295	0.000187	0.021	0.00224	34.9	0.000042	0.000667	0.0117	0.034	0.261
2029 Nov	0.0597	0.0000146	375	111	0.267	0.094	12100	0.048	0.03	0.000184	0.0201	0.00214	33.2	0.0000402	0.000713	0.0112	0.0325	0.247
2029 Dec	0.063	0.0000131	405	115	0.272	0.101	13000	0.0486	0.0301	0.000189	0.0216	0.00224	36	0.0000432	0.000538	0.0119	0.0348	0.267
2030 Jan	0.0648	0.0000123	416	116	0.271	0.104	13400	0.0489	0.03	0.000192	0.0225	0.00235	37	0.000045	0.00044	0.0122	0.0362	0.275
2030 Feb	0.066	0.0000118	418	115	0.267	0.104	13500	0.0492	0.03	0.000194	0.0231	0.00246	37.1	0.0000461	0.000379	0.0125	0.037	0.276
2030 Mar	0.0667	0.0000115	419	115	0.265	0.104	13500	0.0493	0.03	0.000195	0.0234	0.00253	37.2	0.0000468	0.00034	0.0126	0.0375	0.277
2030 Apr	0.0672	0.0000113	420	114	0.263	0.104	13500	0.0494	0.03	0.000196	0.0237	0.00258	37.3	0.0000473	0.000312	0.0127	0.0379	0.278
2030 May	0.0677	0.0000111	421	114	0.262	0.104	13600	0.0496	0.0301	0.000197	0.0239	0.00262	37.5	0.0000477	0.000292	0.0128	0.0383	0.279
2030 Jun	0.0647	0.0000134	395	117	0.259	0.0967	12600	0.0499	0.0299	0.000191	0.0222	0.00254	34.4	0.0000444	0.000494	0.0121	0.0357	0.259
2030 Jul	0.057	0.0000213	342	141	0.266	0.0788	10500	0.0547	0.0283	0.000177	0.0182	0.00243	27.2	0.0000366	0.00116	0.0105	0.0299	0.214
2030 Aug	0.0624	0.0000163	374	127	0.259	0.0895	11800	0.0525	0.0288	0.000186	0.0212	0.00263	31.6	0.0000424	0.000722	0.0117	0.0343	0.241
2030 Sep	0.0639	0.0000149	384	123	0.258	0.0928	12200	0.0519	0.0291	0.00019	0.022	0.00268	32.9	0.000044	0.000601	0.0121	0.0355	0.249
2030 Oct	0.0625	0.0000145	367	113	0.253	0.0903	11700	0.0503	0.0295	0.000189	0.0215	0.00259	32	0.0000429	0.000631	0.0118	0.0346	0.24
2030 Nov	0.0642	0.0000129	377	108	0.25	0.0936	12100	0.0494	0.0299	0.000192	0.0223	0.00263	33.3	0.0000445	0.000494	0.0122	0.0358	0.248
2030 Dec	0.0662	0.0000119	393	109	0.251	0.0975	12600	0.0496	0.03	0.000194	0.0232	0.0027	34.8	0.0000464	0.000377	0.0126	0.0373	0.26
2031 Jan	0.0673	0.0000113	403	110	0.252	0.0998	13000	0.0497	0.03	0.000196	0.0237	0.00283	35.8	0.0000474	0.000313	0.0128	0.0381	0.266

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.068	0.000011	409	111	0.253	0.101	13200	0.0498	0.03	0.000197	0.024	0.00296	36.4	0.0000481	0.000275	0.0129	0.0385	0.271
2031 Mar	0.0684	0.0000108	413	111	0.254	0.102	13300	0.0498	0.03	0.000198	0.0242	0.00304	36.7	0.0000485	0.000252	0.013	0.0388	0.273
2031 Apr	0.0687	0.0000107	416	112	0.255	0.103	13400	0.0499	0.03	0.000198	0.0244	0.0031	37	0.0000487	0.000237	0.013	0.039	0.275
2031 May	0.0689	0.0000107	417	112	0.255	0.103	13400	0.0499	0.0301	0.000199	0.0244	0.00314	37.1	0.0000488	0.000236	0.0131	0.0391	0.276
2031 Jun	0.0672	0.0000124	398	115	0.255	0.0978	12800	0.0501	0.0301	0.000203	0.0231	0.00305	34.9	0.0000462	0.000394	0.0125	0.0371	0.262
2031 Jul	0.0658	0.000014	393	120	0.26	0.0957	12500	0.0514	0.03	0.000199	0.0225	0.00308	34	0.0000451	0.000534	0.0123	0.0363	0.256
2031 Aug	0.0601	0.0000199	370	144	0.269	0.0852	11400	0.0554	0.0279	0.00018	0.0198	0.00301	29.7	0.0000398	0.000974	0.0112	0.0323	0.233
2031 Sep	0.0551	0.0000268	347	176	0.279	0.0731	10200	0.0602	0.0267	0.000165	0.0168	0.00284	24.8	0.0000339	0.00146	0.00987	0.0278	0.207
2031 Oct	0.0603	0.0000183	362	133	0.26	0.0848	11300	0.053	0.029	0.000179	0.0198	0.00295	29.7	0.0000397	0.000877	0.0111	0.0322	0.23
2031 Nov	0.0657	0.0000132	396	118	0.256	0.0964	12600	0.0506	0.0298	0.000191	0.0227	0.00316	34.4	0.0000454	0.000455	0.0123	0.0365	0.259
2031 Dec	0.0673	0.000012	408	116	0.256	0.0999	13100	0.0503	0.0299	0.000194	0.0235	0.00324	35.8	0.0000471	0.000346	0.0127	0.0378	0.268
2032 Jan	0.068	0.0000115	414	115	0.256	0.102	13300	0.0502	0.0299	0.000196	0.0239	0.00327	36.4	0.0000479	0.000294	0.0128	0.0384	0.273
2032 Feb	0.0685	0.0000111	417	115	0.256	0.103	13400	0.0502	0.03	0.000197	0.0242	0.0033	36.8	0.0000484	0.000263	0.0129	0.0388	0.275
2032 Mar	0.0688	0.0000109	419	114	0.256	0.103	13500	0.0502	0.03	0.000197	0.0243	0.00331	37.1	0.0000487	0.000244	0.013	0.039	0.277
2032 Apr	0.069	0.0000108	421	114	0.256	0.104	13500	0.0501	0.03	0.000198	0.0244	0.00332	37.3	0.0000489	0.000231	0.0131	0.0392	0.278
2032 May	0.0692	0.0000107	422	114	0.257	0.104	13600	0.0502	0.03	0.000198	0.0245	0.00333	37.4	0.0000491	0.000223	0.0131	0.0393	0.279
2032 Jun	0.066	0.0000128	398	117	0.254	0.097	12700	0.0502	0.0299	0.000192	0.0228	0.00317	34.6	0.0000457	0.000416	0.0124	0.0367	0.261
2032 Jul	0.0609	0.0000175	367	132	0.259	0.0864	11500	0.0524	0.0289	0.000183	0.0202	0.00297	30.3	0.0000405	0.000811	0.0113	0.0328	0.234
2032 Aug	0.0605	0.0000209	377	154	0.272	0.0849	11500	0.0567	0.028	0.000179	0.0197	0.00304	29.6	0.0000397	0.00101	0.0111	0.0322	0.235
2032 Sep	0.0656	0.0000135	400	121	0.259	0.0971	12700	0.0514	0.0294	0.000192	0.0228	0.00319	34.6	0.0000457	0.000478	0.0124	0.0367	0.261
2032 Oct	0.0674	0.0000115	409	113	0.256	0.101	13100	0.0501	0.0299	0.000196	0.0238	0.00325	36.2	0.0000476	0.000322	0.0128	0.0382	0.27
2032 Nov	0.0684	0.0000108	415	112	0.255	0.103	13400	0.0498	0.03	0.000198	0.0242	0.00329	36.9	0.0000484	0.000253	0.013	0.0388	0.275
2032 Dec	0.0685	0.0000107	415	111	0.255	0.103	13400	0.0496	0.0301	0.000197	0.0242	0.00329	36.9	0.0000485	0.000242	0.013	0.0388	0.275
2033 Jan	0.0689	0.0000105	419	112	0.255	0.104	13500	0.0497	0.0301	0.000198	0.0244	0.00331	37.3	0.0000489	0.000219	0.0131	0.0391	0.277
2033 Feb	0.0692	0.0000104	421	112	0.255	0.104	13600	0.0498	0.0301	0.000199	0.0246	0.00332	37.5	0.0000491	0.000206	0.0131	0.0393	0.279
2033 Mar	0.0693	0.0000103	422	112	0.256	0.104	13600	0.0498	0.0301	0.000199	0.0246	0.00333	37.6	0.0000493	0.000198	0.0131	0.0395	0.28
2033 Apr	0.0695	0.0000103	424	112	0.256	0.105	13700	0.0499	0.0301	0.000199	0.0247	0.00334	37.7	0.0000494	0.000192	0.0132	0.0396	0.281
2033 May	0.0695	0.0000104	419	112	0.255	0.104	13500	0.0496	0.0302	0.000203	0.0245	0.00331	37.3	0.000049	0.00021	0.0131	0.0392	0.278
2033 Jun	0.0662	0.0000127	391	114	0.254	0.0959	12500	0.0496	0.03	0.000203	0.0226	0.00313	34.2	0.0000452	0.000435	0.0123	0.0363	0.257
2033 Jul	0.0652	0.0000153	392	129	0.262	0.0936	12400	0.0524	0.0295	0.000198	0.0219	0.00314	33.2	0.000044	0.000608	0.012	0.0354	0.253
2033 Aug	0.0654	0.0000152	396	128	0.264	0.0951	12500	0.0527	0.0296	0.000195	0.0223	0.00318	33.7	0.0000447	0.000601	0.0122	0.036	0.257
2033 Sep	0.0574	0.0000236	358	162	0.274	0.0785	10800	0.058	0.0273	0.000172	0.0181	0.00292	27	0.0000365	0.00124	0.0105	0.0298	0.219
2033 Oct	0.0529	0.0000185	282	102	0.239	0.0703	8920	0.047	0.0304	0.000169	0.0164	0.00246	24.2	0.0000328	0.00111	0.00961	0.0269	0.182
2033 Nov	0.0621	0.0000137	359	106	0.247	0.0893	11500	0.0482	0.0304	0.000185	0.021	0.00294	31.7	0.000042	0.000583	0.0116	0.0338	0.236
2033 Dec	0.0649	0.0000124	384	109	0.25	0.0951	12300	0.0488	0.0303	0.00019	0.0224	0.00309	33.9	0.0000448	0.000434	0.0122	0.036	0.253
2034 Jan	0.0662	0.0000118	395	110	0.252	0.098	12700	0.0491	0.0302	0.000193	0.0231	0.00316	35.1	0.0000462	0.000362	0.0125	0.0371	0.261
2034 Feb	0.067	0.0000114	402	110	0.253	0.0996	12900	0.0493	0.0302	0.000194	0.0235	0.0032	35.7	0.0000469	0.000322	0.0126	0.0376	0.266
2034 Mar	0.0675	0.0000112	407	111	0.253	0.101	13100	0.0494	0.0301	0.000195	0.0237	0.00323	36.1	0.0000474	0.000295	0.0127	0.038	0.269
2034 Apr	0.0679	0.000011	410	111	0.254	0.101	13200	0.0495	0.0301	0.000196	0.0239	0.00325	36.4	0.0000478	0.000275	0.0128	0.0383	0.271
2034 May	0.0682	0.000011	411	111	0.254	0.102	13200	0.0496	0.0302	0.000198	0.024	0.00326	36.5	0.000048	0.000269	0.0129	0.0385	0.272
2034 Jun	0.0667	0.0000127	394	115	0.254	0.0964	12600	0.0499	0.0302	0.000203	0.0227	0.00315	34.4	0.0000454	0.000427	0.0123	0.0365	0.258
2034 Jul	0.0648	0.0000159	390	131	0.262	0.0924	12200	0.0527	0.0294	0.000197	0.0216	0.00312	32.7	0.0000434	0.000653	0.0119	0.035	0.251
2034 Aug	0.0659	0.0000153	402	131	0.265	0.0957	12700	0.0532	0.0295	0.000195	0.0224	0.0032	34	0.0000449	0.000591	0.0123	0.0362	0.259
2034 Sep	0.0558	0.0000251	346	165	0.274	0.0747	10300	0.0584	0.0272	0.000168	0.0172	0.00284	25.5	0.0000347	0.00136	0.01	0.0284	0.209
2034 Oct	0.0593	0.0000169	342	118	0.25	0.0825	10800	0.0499	0.03	0.000178	0.0193	0.00282	28.9	0.0000387	0.000826	0.0108	0.0313	0.22
2034 Nov	0.0658	0.0000125	393	113	0.252	0.0966	12600	0.0496	0.0302	0.000191	0.0227	0.00314	34.5	0.0000455	0.000409	0.0123	0.0366	0.258
2034 Dec	0.0674	0.0000115	406	113	0.254	0.1	13000	0.0497	0.0301	0.000194	0.0236	0.00323	35.9	0.0000472	0.000316	0.0127	0.0378	0.268
2035 Jan	0.0681	0.0000111	412	113	0.255	0.102	13300	0.0498	0.0301	0.000196	0.024	0.00327	36.5	0.000048	0.000273	0.0129	0.0384	0.272
2035 Feb	0.0685	0.0000109	416	113	0.255	0.103	13400	0.0498	0.0301	0.000197	0.0242	0.00329	36.9	0.0000484	0.000249	0.0129	0.0388	0.275
2035 Mar	0.0688	0.0000107	418	113	0.255	0.103	13500	0.0499	0.0301	0.000197	0.0243	0.0033	37.1	0.0000487	0.000234	0.013	0.039	0.276
2035 Apr	0.069	0.0000106	420	113	0.255	0.104	13500	0.0499	0.0301	0.000198	0.0244	0.00331	37.3	0.0000489	0.000223	0.0131	0.0391	0.278
2035 May	0.0692	0.0000106	421	113	0.256	0.104	13600	0.05	0.0301	0.000199	0.0245	0.00332	37.4	0.0000491	0.000219	0.0131	0.0393	0.279
2035 Jun	0.0659	0.0000127	392	115	0.253	0.096	12500	0.0496	0.03	0.000197	0.0226	0.00313	34.3	0.0000452	0.000425	0.0123	0.0363	0.257
2035 Jul	0.0649	0.0000146	390	124	0.258	0.0937	12300	0.0514	0.0297	0.000194	0.022	0.00312	33.3	0.0000441	0.000565	0.012	0.0355	0.253
2035 Aug	0.0615	0.0000174	369	130	0.262	0.0877	11600	0.0528	0.0291	0.000187	0.0205	0.003	30.8	0.0000411	0.000822	0.0114	0.0333	0.236
2035 Sep	0.0562	0.000027	358	182	0.28	0.0743	10500	0.0609	0.0267	0.000165	0.017	0.0029	25.3	0.0000345	0.00143	0.00996	0.0282	0.212
2035 Oct	0.0628	0.0000166	383	132	0.263	0.0908	12000	0.0531	0.0288	0.000186	0.0212	0.00309	32	0.0000426	0.000724	0.0117	0.0344	0.246
2035 Nov	0.0641	0.0000134	382	113	0.254	0.0941	12200	0.0498	0.0298	0.00019	0.0221	0.00308	33.5	0.0000442	0.000515	0.0121	0.0356	0.251
2035 Dec	0.0662	0.0000121	399	113	0.254	0.0983	12800	0.0499	0.0299	0.000194	0.0232	0.00319	35.2	0.0000463	0.000386	0.0125	0.0372	0.263
2036 Jan	0.0673	0.0000116	407	113	0.255	0.1	13100	0.0499	0.0299	0.000195	0.0236	0.00323	36	0.0000473	0.000325	0.0127	0.0379	0.268
2036 Feb	0.0678	0.0000112	411	113	0.255	0.102	13200	0.0499	0.0299	0.000196	0.0239	0.00326	36.4	0.0000478	0.000291	0.0128	0.0384	0.272
2036 Mar	0.0682	0.000011	414	113	0.255	0.102	13300	0.0499	0.0299	0.000197	0.0241	0.00328	36.7	0.0000482	0.000269	0.0129	0.0386	0.274
2036 Apr	0.0685	0.0000109	417	113	0.256	0.103	13400	0.05	0.03	0.000198	0.0242	0.0033	36.9	0.0000485	0.000254	0.013	0.0388	0.275
2036 May	0.0688	0.0000108	419	113	0.256	0.103	13500	0.0501	0.03	0.000198	0.0244	0.00331	37.1	0.0000487	0.000245	0.013	0.039	0.277
2036 Jun	0.0663	0.0000127	400	117	0.256	0.0979	12800	0.0504	0.0298	0.000194	0.023	0.00319	35	0.0000461	0.000411	0.0125	0.037	0.262
2036 Jul	0.0643	0.0000161	393	133	0.263	0.093	12300	0.0533	0.0291	0.000188	0.0218	0.00315	32.9	0.0000437	0.000654	0.012	0.0352	0.253
2036 Aug	0.0638	0.0000169	390	134	0.266	0.0923	12200	0.054	0.029	0.000188	0.0216	0.00314	32.6	0.0000433	0.000722	0.0119	0.035	0.25
2036 Sep	0.0587	0.0000226	362	152	0.275	0.0817	11000	0.0578	0.0273	0.000175	0.0189	0.00299	28.3	0.000038	0.00115	0.0108	0.031	0.225
2036 Oct	0.0655	0.000018	410	147	0.272	0.0945	12700	0.0565	0.0282	0.000185	0.022	0.00326	33.4	0.0000443	0.000692	0.0121	0.0357	0.26
2036 Nov	0.066	0.0000154	406	132	0.264	0.0964	12800	0.0536	0.029	0.000189	0.0226	0.00324	34.3	0.0000453	0.00055	0.0123	0.0364	0.262
2036 Dec	0.0699	0.0000102	428	114	0.256	0.106	13800	0.0501	0.03	0.000199	0.0249	0.00336	38	0.0000498	0.000172	0.0133	0.0398	0.283
2037 Jan	0.0165	0.00000104	14.6	4.64	0.0111	0.00348	450	0.00213	0.0053	0.0000565	0.000825	0.000148	1.26	0.00000355	0.0000197	0.0005	0.00206	0.00916
2037 Feb	0.0151	0.000000759	0.815	1.04	0.00346	0.000071	4.04	0.000544	0.00463	0.0000538	0.0000209	0.0000404	0.027	0.000002	0.0000153	0.0000786	0.000803	0
2037 Mar	0.0154	0.000000774	0.82	1.05	0.00376	0.0000714	4.05	0.000548	0.00473	0.0000553	0.0000212	0.0000406	0.0275	0.000002	0.0000154	0.0000817	0.000805	0
2037 Apr	0.0157	0.000000786	0.825	1.06	0.00398	0.0000719	4.08	0.000552	0.00481	0.0000563	0.0000215	0.0000408	0.0278	0.00000201	0.0000155	0.000084	0.000809	0
2037 May	0.0339	0.00000846	1.73	11.8	0.0529	0.00125	15.9	0.00813	0.0137	0.000211	0.000413	0.000229	0.131	0.00000195	0.000285	0.000573	0.0015	0
2037 Jun	0.0332	0.0000121	2.04	17.1	0.0669	0.00186	21.6	0.012	0.0149	0.00019	0.00061	0.000317	0.169	0.00000189	0.000423	0.000714	0.00182	0

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0228	0.00000641	1.41	8.98	0.0331	0.000961	12.7	0.00625	0.0096	0.000106	0.000313	0.000177	0.0953	0.00000196	0.000218	0.000376	0.00131	0
2037 Aug	0.0196	0.00000484	1.25	6.83	0.0243	0.000723	10.4	0.00467	0.00807	0.0000804	0.000232	0.00014	0.0769	0.00000198	0.000163	0.000282	0.00117	0
2037 Sep	0.0177	0.00000406	1.2	5.8	0.02	0.00061	9.36	0.00389	0.00743	0.0000663	0.000193	0.000122	0.069	0.00000199	0.000136	0.000235	0.0011	0
2037 Oct	0.0173	0.00000401	1.2	5.72	0.0193	0.000605	9.29	0.00382	0.00761	0.0000628	0.000188	0.00012	0.0685	0.00000198	0.000134	0.000226	0.00109	0
2037 Nov	0.0174	0.00000406	1.2	5.78	0.0195	0.000612	9.35	0.00386	0.0077	0.0000627	0.00019	0.000121	0.069	0.00000198	0.000136	0.000228	0.00109	0
2037 Dec	0.0174	0.00000406	1.2	5.78	0.0195	0.000612	9.35	0.00386	0.00771	0.0000627	0.00019	0.000121	0.069	0.00000198	0.000136	0.000228	0.00109	0
2038 Jan	0.0174	0.00000406	1.2	5.78	0.0195	0.000612	9.35	0.00386	0.00771	0.0000627	0.00019	0.000121	0.069	0.00000198	0.000136	0.000228	0.00109	0
2038 Feb	0.0174	0.00000406	1.2	5.78	0.0195	0.000612	9.35	0.00386	0.00771	0.0000627	0.00019	0.000121	0.069	0.00000198	0.000136	0.000228	0.00109	0
2038 Mar	0.0174	0.00000406	1.2	5.78	0.0195	0.000612	9.35	0.00386	0.00771	0.0000627	0.00019	0.000121	0.069	0.00000198	0.000136	0.000228	0.00109	0
2038 Apr	0.0174	0.00000406	1.2	5.78	0.0195	0.000612	9.36	0.00386	0.00771	0.0000627	0.00019	0.000121	0.069	0.00000198	0.000136	0.000228	0.00109	0
2038 May	0.0178	0.00000417	1.22	5.93	0.0203	0.000628	9.5	0.00396	0.00789	0.0000659	0.000196	0.000123	0.0706	0.00000198	0.00014	0.000236	0.00111	0
2038 Jun	0.0195	0.0000047	1.27	6.62	0.024	0.000702	10	0.00446	0.00859	0.0000816	0.000222	0.000136	0.0774	0.00000197	0.000157	0.000275	0.00115	0
2038 Jul	0.0189	0.00000419	1.21	5.9	0.0211	0.000621	9.27	0.00396	0.00805	0.0000771	0.000196	0.000123	0.0707	0.00000199	0.000139	0.000248	0.00111	0
2038 Aug	0.0182	0.00000391	1.19	5.52	0.0195	0.000578	8.85	0.00368	0.00769	0.000071	0.000182	0.000117	0.0673	0.000002	0.000129	0.00023	0.00109	0
2038 Sep	0.0176	0.00000372	1.17	5.28	0.0183	0.000553	8.59	0.0035	0.00752	0.0000654	0.000172	0.000113	0.0654	0.000002	0.000123	0.000217	0.00107	0
2038 Oct	0.0173	0.00000367	1.17	5.22	0.0179	0.000547	8.52	0.00345	0.00753	0.0000638	0.00017	0.000111	0.0649	0.00000199	0.000121	0.000212	0.00106	0
2038 Nov	0.0173	0.00000368	1.17	5.23	0.0179	0.000549	8.53	0.00345	0.00756	0.0000638	0.00017	0.000111	0.065	0.00000199	0.000122	0.000212	0.00106	0
2038 Dec	0.0173	0.00000368	1.17	5.23	0.0179	0.000549	8.53	0.00345	0.00756	0.0000638	0.00017	0.000111	0.065	0.00000199	0.000122	0.000212	0.00106	0
2039 Jan	0.0173	0.00000368	1.17	5.23	0.0179	0.000549	8.53	0.00345	0.00756	0.0000638	0.00017	0.000111	0.065	0.00000199	0.000122	0.000212	0.00106	0
2039 Feb	0.0173	0.00000368	1.17	5.23	0.0179	0.000549	8.53	0.00345	0.00756	0.0000638	0.00017	0.000111	0.065	0.00000199	0.000122	0.000213	0.00106	0
2039 Mar	0.0173	0.00000368	1.17	5.23	0.0179	0.000549	8.53	0.00345	0.00757	0.0000638	0.00017	0.000111	0.065	0.00000199	0.000122	0.000213	0.00106	0
2039 Apr	0.0174	0.00000368	1.17	5.23	0.0179	0.000549	8.53	0.00345	0.00757	0.0000638	0.00017	0.000111	0.065	0.00000199	0.000122	0.000213	0.00106	0
2039 May	0.0174	0.00000369	1.18	5.25	0.018	0.000551	8.55	0.00346	0.00758	0.000064	0.000171	0.000112	0.0652	0.000002	0.000122	0.000213	0.00107	0
2039 Jun	0.0177	0.00000399	1.18	5.5	0.0188	0.00058	8.64	0.00367	0.00811	0.000064	0.000183	0.000116	0.067	0.00000199	0.000129	0.000227	0.0011	0
2039 Jul	0.0178	0.00000417	1.19	5.7	0.0192	0.000603	8.67	0.00383	0.00823	0.0000628	0.000191	0.000119	0.0679	0.00000198	0.000135	0.000232	0.00111	0
2039 Aug	0.0176	0.00000407	1.17	5.54	0.0186	0.000586	8.48	0.00372	0.00814	0.0000605	0.000185	0.000117	0.0666	0.00000198	0.000131	0.000223	0.0011	0
2039 Sep	0.0172	0.00000389	1.16	5.31	0.0177	0.00056	8.26	0.00354	0.00796	0.0000579	0.000176	0.000113	0.0648	0.00000199	0.000125	0.000213	0.00108	0
2039 Oct	0.017	0.00000382	1.16	5.23	0.0173	0.000552	8.18	0.00348	0.00792	0.0000572	0.000173	0.000111	0.0642	0.00000198	0.000123	0.000209	0.00108	0
2039 Nov	0.017	0.00000382	1.16	5.23	0.0173	0.000552	8.18	0.00348	0.00793	0.0000572	0.000173	0.000111	0.0643	0.00000199	0.000123	0.00021	0.00108	0
2039 Dec	0.017	0.00000382	1.16	5.23	0.0173	0.000552	8.18	0.00348	0.00793	0.0000572	0.000173	0.000111	0.0643	0.00000199	0.000123	0.00021	0.00108	0
2040 Jan	0.017	0.00000382	1.16	5.23	0.0173	0.000552	8.18	0.00348	0.00794	0.0000572	0.000173	0.000111	0.0643	0.00000199	0.000123	0.00021	0.00108	0
2040 Feb	0.017	0.00000382	1.16	5.23	0.0173	0.000552	8.18	0.00348	0.00794	0.0000572	0.000173	0.000111	0.0643	0.00000199	0.000123	0.00021	0.00108	0
2040 Mar	0.0171	0.00000382	1.16	5.23	0.0173	0.000552	8.18	0.00348	0.00794	0.0000572	0.000173	0.000111	0.0643	0.00000199	0.000123	0.00021	0.00108	0
2040 Apr	0.0171	0.00000382	1.16	5.23	0.0174	0.000552	8.18	0.00348	0.00794	0.0000572	0.000173	0.000111	0.0643	0.00000199	0.000123	0.00021	0.00108	0
2040 May	0.0171	0.00000384	1.16	5.25	0.0175	0.000554	8.2	0.00349	0.00797	0.0000578	0.000174	0.000112	0.0645	0.00000199	0.000123	0.000211	0.00108	0
2040 Jun	0.0176	0.000004	1.18	5.46	0.0185	0.000576	8.28	0.00364	0.00819	0.0000615	0.000182	0.000115	0.0664	0.00000198	0.000128	0.000222	0.00109	0
2040 Jul	0.0175	0.00000391	1.16	5.32	0.0179	0.000561	8.11	0.00355	0.00806	0.0000609	0.000177	0.000113	0.065	0.00000198	0.000125	0.000217	0.00109	0
2040 Aug	0.0173	0.0000038	1.15	5.18	0.0173	0.000545	7.96	0.00345	0.00792	0.0000592	0.000172	0.00011	0.0638	0.00000199	0.000121	0.000211	0.00108	0
2040 Sep	0.017	0.00000369	1.15	5.04	0.0168	0.000529	7.82	0.00334	0.00782	0.0000573	0.000166	0.000108	0.0627	0.00000199	0.000117	0.000204	0.00107	0
2040 Oct	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.74	0.00327	0.00776	0.0000569	0.000163	0.000106	0.062	0.00000199	0.000115	0.0002	0.00106	0
2040 Nov	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.75	0.00327	0.00777	0.0000569	0.000163	0.000106	0.0621	0.00000199	0.000115	0.000201	0.00106	0
2040 Dec	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.75	0.00327	0.00778	0.0000569	0.000163	0.000106	0.0621	0.00000199	0.000115	0.000201	0.00106	0
2041 Jan	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.75	0.00327	0.00778	0.0000569	0.000163	0.000106	0.0621	0.00000199	0.000115	0.000201	0.00106	0
2041 Feb	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.75	0.00327	0.00778	0.0000569	0.000163	0.000106	0.0621	0.00000199	0.000115	0.000201	0.00106	0
2041 Mar	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.75	0.00327	0.00778	0.0000569	0.000163	0.000106	0.0621	0.00000199	0.000115	0.000201	0.00106	0
2041 Apr	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.75	0.00327	0.00778	0.0000569	0.000163	0.000107	0.0621	0.00000199	0.000115	0.000201	0.00106	0
2041 May	0.017	0.00000363	1.15	4.96	0.0166	0.00052	7.76	0.00328	0.00783	0.0000577	0.000163	0.000107	0.0623	0.00000199	0.000115	0.000202	0.00106	0
2041 Jun	0.0172	0.00000369	1.14	4.99	0.0168	0.000524	7.71	0.00331	0.00797	0.0000586	0.000165	0.000107	0.0625	0.00000199	0.000116	0.000205	0.00107	0
2041 Jul	0.0171	0.00000371	1.14	5	0.0167	0.000524	7.62	0.00332	0.00798	0.0000582	0.000166	0.000107	0.0622	0.00000198	0.000117	0.000206	0.00107	0
2041 Aug	0.017	0.00000361	1.13	4.86	0.0162	0.000509	7.5	0.00322	0.00788	0.0000571	0.000161	0.000105	0.0611	0.00000199	0.000113	0.000201	0.00106	0
2041 Sep	0.0168	0.00000352	1.12	4.74	0.0157	0.000495	7.39	0.00312	0.0078	0.0000557	0.000156	0.000103	0.0602	0.00000199	0.00011	0.000195	0.00105	0
2041 Oct	0.0167	0.00000347	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00779	0.0000554	0.000154	0.000102	0.0598	0.00000199	0.000108	0.000193	0.00105	0
2041 Nov	0.0167	0.00000348	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00781	0.0000554	0.000154	0.000102	0.0598	0.00000199	0.000108	0.000193	0.00105	0
2041 Dec	0.0168	0.00000348	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00781	0.0000554	0.000154	0.000102	0.0598	0.00000199	0.000108	0.000193	0.00105	0
2042 Jan	0.0168	0.00000348	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00781	0.0000554	0.000154	0.000102	0.0598	0.00000199	0.000108	0.000193	0.00105	0
2042 Feb	0.0168	0.00000348	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00781	0.0000554	0.000154	0.000102	0.0598	0.00000199	0.000108	0.000193	0.00105	0
2042 Mar	0.0168	0.00000348	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00781	0.0000554	0.000154	0.000102	0.0598	0.00000199	0.000109	0.000193	0.00105	0
2042 Apr	0.0168	0.00000348	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00782	0.0000554	0.000154	0.000102	0.0599	0.00000199	0.000109	0.000193	0.00105	0
2042 May	0.0168	0.00000349	1.13	4.69	0.0156	0.00049	7.36	0.00309	0.00784	0.0000557	0.000154	0.000102	0.06	0.00000199	0.000109	0.000194	0.00105	0
2042 Jun	0.0168	0.00000349	1.12	4.67	0.0155	0.000488	7.29	0.00308	0.0079	0.0000558	0.000154	0.000102	0.0598	0.00000199	0.000108	0.000194	0.00105	0
2042 Jul	0.0168	0.00000345	1.11	4.58	0.0152	0.000478	7.18	0.00302	0.00789	0.0000557	0.000151	0.0001	0.0589	0.00000199	0.000106	0.000192	0.00105	0
2042 Aug	0.0168	0.00000339	1.1	4.48	0.0148	0.000467	7.06	0.00294	0.00788	0.0000547	0.000148	0.0000984	0.058	0.00000199	0.000104	0.000187	0.00104	0
2042 Sep	0.0166	0.00000332	1.1	4.37	0.0144	0.000455	6.97	0.00286	0.00783	0.0000535	0.000143	0.0000965	0.0573	0.00000199	0.000101	0.000182	0.00103	0
2042 Oct	0.0165	0.00000328	1.09	4.32	0.0142	0.00045	6.92	0.00282	0.00784	0.0000532	0.000141	0.0000956	0.0569	0.00000198	0.0000996	0.00018	0.00103	0
2042 Nov	0.0165	0.00000328	1.09	4.32	0.0142	0.00045	6.92	0.00282	0.00785	0.0000532	0.000141	0.0000956	0.0569	0.00000199	0.0000996	0.00018	0.00103	0
2042 Dec	0.0166	0.00000328	1.09	4.32	0.0142	0.00045	6.92	0.00282	0.00785	0.0000532	0.000141	0.0000956	0.0569	0.00000199	0.0000996	0.00018	0.00103	0
2043 Jan	0.0166	0.00000328	1.09	4.32	0.0142	0.00045	6.92	0.00282	0.00785	0.0000532	0.000141	0.0000956	0.0569	0.00000199	0.0000996	0.00018	0.00103	0
2043 Feb	0.0166	0.00000328	1.09	4.32	0.0142	0.00045	6.92	0.00282	0.00785	0.0000532	0.000141	0.0000956	0.0569	0.00000199	0.0000996	0.00018	0.00103	0
2043 Mar	0.0166	0.00000328	1.09	4.32	0.0142	0.00045	6.92	0.00282	0.00785	0.0000532	0.000141	0.0000956	0.0569	0.00000199	0.0000996	0.00018	0.00103	0
2043 Apr	0.0166	0.00000328	1.09	4.32	0.0142	0.00045	6.93	0.00282	0.00786	0.0000532	0.000141	0.0000956	0.0569	0.00000199	0.0000996	0.00018	0.00103	0
2043 May	0.0166	0.00000329	1.1	4.33	0.0143	0.000451	6.94	0.00283	0.00788	0.0000535	0.000142	0.0000958	0.0571	0.00000199	0.0000998	0.000181	0.00103	0
2043 Jun	0.0168	0.00000329	1.09	4.3	0.0144	0.000447	6.88	0.00281	0.00798	0.0000553	0.000141	0.0000952	0.0569	0.00000198	0.000099	0.000183	0.00103	0
2043 Jul	0.0168	0.00000323	1.09	4.21	0.0141	0.000436	6.81	0.00275	0.00794	0.0000554	0.000138	0.0000939	0.0562	0.00000199	0.0000967	0.00018	0.00103	0
2043 Aug	0.0168	0.00000317	1.08	4.12	0.0137	0.000427	6.74	0.00268	0.00788	0.0000548	0.000134	0.0000925	0.0555	0.000002	0.0000944	0.000177	0.00102	0
2043 Sep	0.0166	0.0000031	1.08	4.03	0.0134	0.000416	6.67	0.00261	0.00784	0.0000538	0.000131	0.0000909	0.0549	0.000002	0.0000921	0.000173	0.00102	0
2043 Oct	0.0166	0.00000307	1.08	3.98	0.0132	0.000411	6.63	0.00257	0.00785	0.0000536	0.000129	0.00009	0.0545	0.000002	0.0000909	0.000171	0.00101	0
2043 Nov	0.0166	0.00000307	1.08	3.98	0.0132	0.000412	6.63	0.00257	0.00788	0.0000536	0.000129	0.00009	0.0545	0.000002	0.0000909	0.000171	0.00101	0

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0166	0.00000307	1.08	3.98	0.0132	0.000412	6.63	0.00257	0.00788	0.0000536	0.000129	0.00009	0.0545	0.000002	0.0000909	0.000171	0.00101	0
2044 Jan	0.0166	0.00000307	1.08	3.98	0.0132	0.000412	6.63	0.00257	0.00789	0.0000536	0.000129	0.00009	0.0545	0.000002	0.0000909	0.000171	0.00101	0
2044 Feb	0.0166	0.00000307	1.08	3.98	0.0132	0.000412	6.63	0.00257	0.00789	0.0000536	0.000129	0.00009	0.0545	0.000002	0.0000909	0.000171	0.00101	0
2044 Mar	0.0166	0.00000308	1.08	3.98	0.0132	0.000412	6.63	0.00257	0.00789	0.0000536	0.000129	0.00009	0.0545	0.000002	0.0000909	0.000171	0.00101	0
2044 Apr	0.0166	0.00000308	1.08	3.98	0.0132	0.000412	6.63	0.00257	0.00789	0.0000536	0.000129	0.00009	0.0546	0.000002	0.0000909	0.000171	0.00101	0
2044 May	0.0166	0.00000308	1.08	3.99	0.0132	0.000412	6.64	0.00258	0.0079	0.0000537	0.000129	0.0000901	0.0546	0.000002	0.000091	0.000171	0.00102	0
2044 Jun	0.0167	0.00000311	1.08	3.98	0.0133	0.000411	6.6	0.00257	0.00803	0.000054	0.00013	0.0000898	0.0545	0.00000199	0.0000909	0.000173	0.00102	0
2044 Jul	0.0168	0.00000313	1.08	3.99	0.0133	0.000412	6.61	0.00258	0.00811	0.0000542	0.00013	0.0000901	0.0547	0.000002	0.0000912	0.000174	0.00102	0
2044 Aug	0.0169	0.00000315	1.08	4.01	0.0134	0.000415	6.65	0.0026	0.00817	0.0000544	0.000131	0.0000906	0.055	0.00000201	0.0000917	0.000175	0.00103	0
2044 Sep	0.0169	0.00000317	1.08	4.01	0.0134	0.000416	6.64	0.0026	0.00825	0.0000543	0.000131	0.0000905	0.0551	0.00000201	0.0000918	0.000175	0.00103	0
2044 Oct	0.0169	0.00000318	1.08	4.01	0.0134	0.000416	6.63	0.0026	0.0083	0.0000542	0.000131	0.0000905	0.0551	0.000002	0.0000919	0.000175	0.00103	0
2044 Nov	0.0169	0.00000318	1.08	4.01	0.0134	0.000416	6.63	0.0026	0.00831	0.0000542	0.000131	0.0000905	0.0551	0.000002	0.0000919	0.000175	0.00103	0
2044 Dec	0.0169	0.00000318	1.08	4.01	0.0134	0.000416	6.63	0.0026	0.00831	0.0000542	0.000131	0.0000905	0.0551	0.000002	0.0000919	0.000175	0.00103	0
2045 Jan	0.0169	0.00000318	1.08	4.01	0.0134	0.000416	6.63	0.0026	0.00831	0.0000542	0.000131	0.0000905	0.0551	0.000002	0.0000919	0.000175	0.00103	0
2045 Feb	0.0169	0.00000318	1.08	4.01	0.0134	0.000416	6.63	0.0026	0.00831	0.0000542	0.000131	0.0000905	0.0551	0.000002	0.0000919	0.000175	0.00103	0
2045 Mar	0.0169	0.00000318	1.08	4.01	0.0134	0.000416	6.63	0.0026	0.00832	0.0000542	0.000131	0.0000905	0.0551	0.000002	0.0000919	0.000175	0.00103	0
2045 Apr	0.0169	0.00000318	1.08	4.01	0.0134	0.000416	6.63	0.0026	0.00832	0.0000542	0.000131	0.0000905	0.0551	0.00000201	0.0000919	0.000175	0.00103	0
2045 May	0.017	0.00000318	1.08	4.02	0.0134	0.000417	6.64	0.0026	0.00833	0.0000543	0.000131	0.0000906	0.0552	0.00000201	0.000092	0.000175	0.00103	0
2045 Jun	0.0171	0.00000322	1.08	4	0.0135	0.000415	6.61	0.00259	0.0085	0.0000544	0.000132	0.0000904	0.0551	0.000002	0.0000919	0.000177	0.00103	0
2045 Jul	0.0172	0.00000325	1.08	4.01	0.0135	0.000416	6.62	0.0026	0.00861	0.0000546	0.000133	0.0000906	0.0552	0.00000201	0.0000922	0.000178	0.00104	0
2045 Aug	0.0172	0.00000327	1.09	4.03	0.0136	0.000418	6.64	0.00261	0.00867	0.0000548	0.000133	0.0000909	0.0555	0.00000201	0.0000925	0.000179	0.00104	0
2045 Sep	0.0173	0.00000328	1.09	4.03	0.0136	0.000419	6.64	0.00261	0.00872	0.0000548	0.000133	0.000091	0.0555	0.00000201	0.0000927	0.000179	0.00104	0
2045 Oct	0.0173	0.00000329	1.09	4.03	0.0136	0.00042	6.64	0.00262	0.00875	0.0000548	0.000133	0.000091	0.0556	0.00000201	0.0000928	0.000179	0.00104	0
2045 Nov	0.0173	0.00000329	1.09	4.03	0.0136	0.00042	6.64	0.00262	0.00876	0.0000548	0.000133	0.000091	0.0556	0.00000201	0.0000928	0.000179	0.00104	0
2045 Dec	0.0173	0.00000329	1.09	4.04	0.0136	0.00042	6.64	0.00262	0.00876	0.0000548	0.000133	0.000091	0.0556	0.00000201	0.0000928	0.000179	0.00104	0
2046 Jan	0.0173	0.00000329	1.09	4.04	0.0136	0.00042	6.64	0.00262	0.00876	0.0000548	0.000133	0.000091	0.0556	0.00000201	0.0000928	0.000179	0.00104	0
2046 Feb	0.0173	0.00000329	1.09	4.04	0.0136	0.00042	6.64	0.00262	0.00876	0.0000548	0.000133	0.000091	0.0556	0.00000201	0.0000928	0.000179	0.00104	0
2046 Mar	0.0173	0.00000329	1.09	4.04	0.0136	0.00042	6.64	0.00262	0.00876	0.0000548	0.000133	0.000091	0.0556	0.00000202	0.0000928	0.000179	0.00104	0
2046 Apr	0.0173	0.00000329	1.09	4.04	0.0136	0.00042	6.65	0.00262	0.00876	0.0000548	0.000133	0.0000911	0.0556	0.00000202	0.0000928	0.000179	0.00104	0
2046 May	0.0173	0.0000033	1.09	4.04	0.0136	0.00042	6.65	0.00262	0.00878	0.000055	0.000134	0.0000912	0.0557	0.00000202	0.000093	0.000179	0.00104	0
2046 Jun	0.0175	0.00000333	1.09	4.03	0.0137	0.000419	6.62	0.00261	0.00895	0.0000558	0.000134	0.0000909	0.0557	0.00000201	0.0000928	0.000182	0.00105	0
2046 Jul	0.0175	0.00000335	1.09	4.03	0.0137	0.000419	6.6	0.00261	0.00906	0.0000559	0.000135	0.0000908	0.0557	0.00000201	0.0000929	0.000183	0.00105	0
2046 Aug	0.0176	0.00000337	1.09	4.04	0.0138	0.000421	6.62	0.00262	0.00912	0.000056	0.000135	0.0000912	0.0559	0.00000201	0.0000932	0.000183	0.00105	0
2046 Sep	0.0176	0.00000339	1.09	4.04	0.0138	0.000421	6.61	0.00262	0.0092	0.0000559	0.000135	0.0000911	0.0559	0.00000201	0.0000933	0.000183	0.00105	0
2046 Oct	0.0177	0.0000034	1.09	4.04	0.0138	0.000422	6.6	0.00262	0.00927	0.0000557	0.000135	0.000091	0.056	0.00000201	0.0000933	0.000183	0.00105	0
2046 Nov	0.0177	0.00000341	1.09	4.04	0.0138	0.000422	6.6	0.00262	0.00929	0.0000557	0.000135	0.000091	0.056	0.00000201	0.0000933	0.000183	0.00105	0
2046 Dec	0.0177	0.00000341	1.09	4.04	0.0138	0.000422	6.6	0.00262	0.0093	0.0000557	0.000135	0.000091	0.056	0.00000201	0.0000933	0.000183	0.00105	0
2047 Jan	0.0177	0.00000341	1.09	4.04	0.0138	0.000422	6.6	0.00262	0.0093	0.0000557	0.000135	0.000091	0.056	0.00000201	0.0000933	0.000183	0.00105	0
2047 Feb	0.0177	0.00000341	1.09	4.04	0.0138	0.000422	6.6	0.00262	0.0093	0.0000557	0.000135	0.000091	0.056	0.00000201	0.0000933	0.000183	0.00105	0
2047 Mar	0.0177	0.00000341	1.09	4.04	0.0138	0.000422	6.6	0.00262	0.0093	0.0000557	0.000135	0.000091	0.056	0.00000201	0.0000934	0.000183	0.00105	0
2047 Apr	0.0177	0.00000341	1.09	4.04	0.0138	0.000422	6.6	0.00262	0.0093	0.0000557	0.000135	0.000091	0.056	0.00000201	0.0000934	0.000183	0.00105	0
2047 May	0.0178	0.00000341	1.09	4.04	0.0139	0.000422	6.61	0.00263	0.00934	0.0000564	0.000135	0.0000911	0.0561	0.00000201	0.0000935	0.000184	0.00105	0
2047 Jun	0.0181	0.00000345	1.09	4.05	0.0143	0.000422	6.59	0.00262	0.00954	0.0000601	0.000136	0.0000913	0.0566	0.000002	0.0000935	0.000189	0.00105	0
2047 Jul	0.0182	0.00000347	1.1	4.07	0.0144	0.000424	6.62	0.00264	0.00961	0.0000604	0.000136	0.0000917	0.0569	0.00000201	0.0000939	0.00019	0.00106	0
2047 Aug	0.0183	0.00000349	1.1	4.08	0.0144	0.000426	6.65	0.00265	0.00968	0.0000606	0.000137	0.0000921	0.0571	0.00000202	0.0000944	0.000191	0.00106	0
2047 Sep	0.0184	0.00000351	1.1	4.09	0.0144	0.000427	6.64	0.00265	0.00975	0.0000605	0.000137	0.0000921	0.0572	0.00000202	0.0000945	0.000191	0.00106	0
2047 Oct	0.0184	0.00000352	1.1	4.08	0.0144	0.000427	6.63	0.00265	0.00982	0.0000604	0.000137	0.000092	0.0572	0.00000202	0.0000945	0.000191	0.00106	0
2047 Nov	0.0184	0.00000352	1.1	4.08	0.0144	0.000427	6.63	0.00265	0.00985	0.0000604	0.000137	0.000092	0.0572	0.00000202	0.0000945	0.000191	0.00106	0
2047 Dec	0.0184	0.00000352	1.1	4.08	0.0144	0.000427	6.63	0.00265	0.00985	0.0000604	0.000137	0.000092	0.0572	0.00000202	0.0000945	0.000191	0.00106	0
2048 Jan	0.0184	0.00000352	1.1	4.08	0.0144	0.000427	6.63	0.00265	0.00985	0.0000604	0.000137	0.000092	0.0572	0.00000202	0.0000945	0.000191	0.00106	0
2048 Feb	0.0184	0.00000352	1.1	4.08	0.0144	0.000427	6.63	0.00265	0.00985	0.0000604	0.000137	0.000092	0.0572	0.00000202	0.0000945	0.000191	0.00106	0
2048 Mar	0.0184	0.00000352	1.1	4.08	0.0144	0.000427	6.63	0.00265	0.00985	0.0000604	0.000137	0.000092	0.0572	0.00000202	0.0000945	0.000191	0.00106	0
2048 Apr	0.0184	0.00000352	1.1	4.08	0.0144	0.000427	6.63	0.00265	0.00986	0.0000604	0.000137	0.000092	0.0572	0.00000202	0.0000946	0.000191	0.00106	0
2048 May	0.0184	0.00000353	1.1	4.09	0.0145	0.000428	6.64	0.00265	0.00987	0.0000605	0.000137	0.0000921	0.0573	0.00000202	0.0000947	0.000191	0.00106	0
2048 Jun	0.0185	0.00000355	1.1	4.08	0.0145	0.000427	6.61	0.00265	0.00998	0.0000604	0.000137	0.0000918	0.0572	0.00000201	0.0000945	0.000192	0.00107	0
2048 Jul	0.0185	0.00000358	1.1	4.08	0.0145	0.000427	6.59	0.00265	0.0101	0.0000605	0.000138	0.0000918	0.0572	0.00000201	0.0000947	0.000193	0.00107	0
2048 Aug	0.0186	0.0000036	1.1	4.09	0.0145	0.000429	6.6	0.00266	0.0102	0.0000606	0.000138	0.000092	0.0574	0.00000201	0.000095	0.000194	0.00107	0
2048 Sep	0.0187	0.00000362	1.1	4.09	0.0145	0.000429	6.6	0.00266	0.0103	0.0000605	0.000138	0.0000921	0.0574	0.00000201	0.0000951	0.000194	0.00107	0
2048 Oct	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000951	0.000194	0.00107	0
2048 Nov	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000951	0.000194	0.00107	0
2048 Dec	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000951	0.000194	0.00107	0
2049 Jan	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000952	0.000194	0.00107	0
2049 Feb	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000952	0.000194	0.00107	0
2049 Mar	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000952	0.000194	0.00107	0
2049 Apr	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.6	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000952	0.000194	0.00107	0
2049 May	0.0187	0.00000364	1.1	4.09	0.0146	0.000431	6.61	0.00266	0.0103	0.0000605	0.000139	0.0000922	0.0576	0.00000202	0.0000953	0.000194	0.00107	0
2049 Jun	0.0188	0.00000366	1.1	4.08	0.0146	0.000429	6.57	0.00265	0.0105	0.0000607	0.000139	0.0000919	0.0575	0.00000201	0.0000952	0.000195	0.00107	0
2049 Jul	0.0188	0.00000369	1.1	4.08	0.0146	0.00043	6.56	0.00266	0.0106	0.0000608	0.00014	0.0000919	0.0575	0.00000201	0.0000953	0.000196	0.00108	0
2049 Aug	0.0189	0.00000371	1.1	4.1	0.0147	0.000432	6.59	0.00267	0.0106	0.0000611	0.00014	0.0000923	0.0578	0.00000202	0.0000958	0.000197	0.00108	0
2049 Sep	0.019	0.00000372	1.1	4.11	0.0147	0.000433	6.59	0.00267	0.0107	0.0000609	0.00014	0.0000923	0.0579	0.00000201	0.0000959	0.000197	0.00108	0
2049 Oct	0.019	0.00000373	1.1	4.1	0.0147	0.000433	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	0
2049 Nov	0.019	0.00000374	1.1	4.1	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	0
2049 Dec	0.019	0.00000374	1.1	4.1	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	0
2050 Jan	0.019	0.00000374	1.1	4.1	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	0
2050 Feb	0.019	0.00000374	1.1	4.1	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	0
2050 Mar	0.019	0.00000374	1.1	4.1	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	0
2050 Apr	0.019	0.00000374	1.1	4.11	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	0

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.0191	0.00000375	1.1	4.11	0.0147	0.000434	6.59	0.00267	0.0108	0.0000609	0.00014	0.0000924	0.058	0.00000202	0.0000961	0.000198	0.00108	0
2050 Jun	0.0191	0.00000376	1.1	4.1	0.0147	0.000434	6.57	0.00267	0.0109	0.0000611	0.000141	0.0000922	0.058	0.00000201	0.0000961	0.000199	0.00108	0
2050 Jul	0.0192	0.00000379	1.1	4.1	0.0148	0.000434	6.55	0.00267	0.011	0.0000612	0.000141	0.0000922	0.0579	0.00000201	0.0000961	0.000199	0.00109	0
2050 Aug	0.0192	0.00000381	1.1	4.12	0.0148	0.000435	6.57	0.00268	0.0111	0.0000613	0.000142	0.0000925	0.0581	0.00000201	0.0000965	0.0002	0.00109	0
2050 Sep	0.0193	0.00000382	1.1	4.12	0.0148	0.000436	6.57	0.00269	0.0111	0.0000613	0.000142	0.0000925	0.0582	0.00000201	0.0000966	0.0002	0.00109	0
2050 Oct	0.0193	0.00000383	1.1	4.12	0.0148	0.000437	6.57	0.00269	0.0112	0.0000613	0.000142	0.0000926	0.0583	0.00000201	0.0000967	0.0002	0.00109	0
2050 Nov	0.0193	0.00000383	1.11	4.12	0.0148	0.000437	6.57	0.00269	0.0112	0.0000613	0.000142	0.0000926	0.0583	0.00000202	0.0000967	0.0002	0.00109	0
2050 Dec	0.0193	0.00000383	1.11	4.12	0.0148	0.000437	6.57	0.00269	0.0112	0.0000613	0.000142	0.0000926	0.0583	0.00000202	0.0000968	0.0002	0.00109	0
2051 Jan	0.0193	0.00000383	1.11	4.12	0.0148	0.000437	6.57	0.00269	0.0112	0.0000613	0.000142	0.0000926	0.0583	0.00000202	0.0000968	0.0002	0.00109	0
2051 Feb	0.0193	0.00000383	1.11	4.12	0.0148	0.000437	6.57	0.00269	0.0112	0.0000613	0.000142	0.0000926	0.0583	0.00000202	0.0000968	0.0002	0.00109	0
2051 Mar	0.0193	0.00000383	1.11	4.12	0.0148	0.000437	6.57	0.00269	0.0112	0.0000613	0.000142	0.0000926	0.0583	0.00000202	0.0000968	0.0002	0.00109	0
2051 Apr	0.0193	0.00000383	1.11	4.13	0.0148	0.000437	6.58	0.00269	0.0112	0.0000614	0.000142	0.0000927	0.0583	0.00000202	0.0000968	0.0002	0.00109	0
2051 May	0.0194	0.00000384	1.11	4.13	0.0149	0.000437	6.58	0.00269	0.0112	0.0000619	0.000142	0.0000928	0.0585	0.00000202	0.0000969	0.000201	0.00109	0
2051 Jun	0.0198	0.00000388	1.11	4.12	0.0153	0.000435	6.54	0.00268	0.0115	0.0000653	0.000143	0.0000926	0.0587	0.00000201	0.0000966	0.000206	0.00109	0
2051 Jul	0.0198	0.0000039	1.11	4.13	0.0153	0.000436	6.54	0.00269	0.0116	0.0000654	0.000143	0.0000927	0.0588	0.00000201	0.0000968	0.000207	0.0011	0
2051 Aug	0.0199	0.00000393	1.11	4.13	0.0153	0.000437	6.55	0.00269	0.0116	0.0000655	0.000144	0.0000929	0.059	0.00000201	0.0000971	0.000208	0.0011	0
2051 Sep	0.0199	0.00000394	1.11	4.14	0.0153	0.000438	6.54	0.00269	0.0117	0.0000653	0.000144	0.0000929	0.059	0.00000201	0.0000972	0.000208	0.0011	0
2051 Oct	0.0199	0.00000395	1.11	4.12	0.0153	0.000438	6.52	0.00269	0.0118	0.0000649	0.000143	0.0000926	0.059	0.000002	0.0000971	0.000207	0.0011	0
2051 Nov	0.02	0.00000395	1.11	4.12	0.0153	0.000438	6.52	0.00269	0.0118	0.0000649	0.000143	0.0000926	0.059	0.000002	0.0000972	0.000207	0.0011	0
2051 Dec	0.02	0.00000395	1.11	4.12	0.0153	0.000438	6.52	0.00269	0.0118	0.0000649	0.000143	0.0000926	0.059	0.000002	0.0000972	0.000207	0.0011	0
2052 Jan	0.02	0.00000395	1.11	4.12	0.0153	0.000438	6.52	0.00269	0.0118	0.0000649	0.000143	0.0000926	0.059	0.000002	0.0000972	0.000207	0.0011	0
2052 Feb	0.02	0.00000395	1.11	4.12	0.0153	0.000438	6.52	0.00269	0.0118	0.0000649	0.000143	0.0000926	0.059	0.000002	0.0000972	0.000207	0.0011	0
2052 Mar	0.02	0.00000396	1.11	4.12	0.0153	0.000438	6.52	0.00269	0.0118	0.0000649	0.000143	0.0000926	0.059	0.000002	0.0000972	0.000207	0.0011	0
2052 Apr	0.02	0.00000396	1.11	4.13	0.0153	0.000438	6.52	0.00269	0.0118	0.0000649	0.000143	0.0000926	0.059	0.000002	0.0000972	0.000207	0.0011	0
2052 May	0.02	0.00000396	1.11	4.13	0.0154	0.000439	6.53	0.00269	0.0119	0.0000653	0.000143	0.0000927	0.0591	0.000002	0.0000973	0.000208	0.0011	0
2052 Jun	0.0201	0.00000398	1.11	4.13	0.0155	0.000439	6.52	0.00269	0.0119	0.0000661	0.000144	0.0000928	0.0592	0.000002	0.0000974	0.000209	0.0011	0
2052 Jul	0.0202	0.00000401	1.11	4.15	0.0155	0.00044	6.53	0.0027	0.012	0.0000663	0.000144	0.000093	0.0594	0.00000201	0.0000977	0.00021	0.0011	0
2052 Aug	0.0203	0.00000403	1.11	4.16	0.0156	0.000442	6.54	0.00271	0.0121	0.0000664	0.000145	0.0000932	0.0596	0.00000201	0.000098	0.00021	0.00111	0
2052 Sep	0.0203	0.00000404	1.11	4.16	0.0156	0.000443	6.54	0.00271	0.0122	0.0000664	0.000145	0.0000933	0.0596	0.00000201	0.0000982	0.00021	0.00111	0
2052 Oct	0.0204	0.00000405	1.11	4.16	0.0156	0.000443	6.54	0.00271	0.0122	0.0000663	0.000145	0.0000933	0.0597	0.00000201	0.0000982	0.000211	0.00111	0
2052 Nov	0.0204	0.00000405	1.11	4.16	0.0156	0.000443	6.54	0.00271	0.0122	0.0000663	0.000145	0.0000933	0.0597	0.00000201	0.0000983	0.000211	0.00111	0
2052 Dec	0.0204	0.00000405	1.11	4.16	0.0156	0.000444	6.54	0.00271	0.0122	0.0000663	0.000145	0.0000933	0.0597	0.00000201	0.0000983	0.000211	0.00111	0
2053 Jan	0.0204	0.00000405	1.11	4.16	0.0156	0.000444	6.54	0.00271	0.0122	0.0000663	0.000145	0.0000933	0.0597	0.00000201	0.0000983	0.000211	0.00111	0
2053 Feb	0.0204	0.00000405	1.11	4.16	0.0156	0.000444	6.54	0.00271	0.0122	0.0000663	0.000145	0.0000933	0.0597	0.00000201	0.0000983	0.000211	0.00111	0
2053 Mar	0.0204	0.00000405	1.11	4.16	0.0156	0.000444	6.55	0.00271	0.0122	0.0000663	0.000145	0.0000933	0.0597	0.00000201	0.0000983	0.000211	0.00111	0
2053 Apr	0.0204	0.00000405	1.11	4.16	0.0156	0.000444	6.55	0.00271	0.0122	0.0000664	0.000145	0.0000933	0.0597	0.00000201	0.0000983	0.000211	0.00111	0
2053 May	0.0206	0.00000407	1.12	4.17	0.0158	0.000444	6.55	0.00272	0.0124	0.0000685	0.000145	0.0000935	0.0601	0.00000201	0.0000984	0.000214	0.00111	0
2053 Jun	0.0209	0.0000041	1.12	4.16	0.0161	0.000442	6.53	0.00271	0.0125	0.0000714	0.000146	0.0000934	0.0603	0.000002	0.0000982	0.000217	0.00111	0
2053 Jul	0.021	0.00000412	1.12	4.18	0.0162	0.000444	6.54	0.00272	0.0126	0.0000716	0.000146	0.0000937	0.0605	0.00000201	0.0000986	0.000219	0.00111	0
2053 Aug	0.0211	0.00000415	1.12	4.19	0.0163	0.000446	6.57	0.00273	0.0127	0.0000719	0.000147	0.0000941	0.0608	0.00000202	0.000099	0.000219	0.00112	0
2053 Sep	0.0212	0.00000417	1.13	4.2	0.0163	0.000447	6.58	0.00274	0.0128	0.0000719	0.000147	0.0000943	0.061	0.00000202	0.0000993	0.00022	0.00112	0
2053 Oct	0.0212	0.00000418	1.13	4.2	0.0163	0.000448	6.58	0.00274	0.0128	0.0000719	0.000147	0.0000943	0.061	0.00000202	0.0000994	0.00022	0.00112	0
2053 Nov	0.0212	0.00000418	1.13	4.2	0.0163	0.000448	6.58	0.00274	0.0129	0.0000719	0.000147	0.0000943	0.0611	0.00000202	0.0000994	0.00022	0.00112	0
2053 Dec	0.0212	0.00000418	1.13	4.2	0.0163	0.000448	6.58	0.00274	0.0129	0.0000719	0.000147	0.0000943	0.0611	0.00000202	0.0000994	0.00022	0.00112	0
2054 Jan	0.0212	0.00000418	1.13	4.2	0.0163	0.000448	6.58	0.00274	0.0129	0.0000719	0.000147	0.0000943	0.0611	0.00000202	0.0000994	0.00022	0.00112	0
2054 Feb	0.0212	0.00000418	1.13	4.2	0.0163	0.000448	6.58	0.00274	0.0129	0.0000719	0.000147	0.0000943	0.0611	0.00000202	0.0000994	0.00022	0.00112	0
2054 Mar	0.0212	0.00000418	1.13	4.2	0.0163	0.000448	6.58	0.00274	0.0129	0.0000719	0.000147	0.0000943	0.0611	0.00000202	0.0000994	0.00022	0.00112	0
2054 Apr	0.0212	0.00000418	1.13	4.21	0.0163	0.000448	6.58	0.00274	0.0129	0.0000719	0.000147	0.0000943	0.0611	0.00000202	0.0000994	0.00022	0.00112	0
2054 May	0.0213	0.00000419	1.13	4.21	0.0164	0.000449	6.59	0.00274	0.0129	0.0000722	0.000147	0.0000945	0.0612	0.00000203	0.0000995	0.00022	0.00112	0
2054 Jun	0.0214	0.00000421	1.13	4.2	0.0165	0.000447	6.56	0.00274	0.013	0.0000735	0.000148	0.0000943	0.0612	0.00000202	0.0000994	0.000223	0.00112	0
2054 Jul	0.0215	0.00000423	1.13	4.21	0.0165	0.000448	6.56	0.00274	0.0131	0.0000736	0.000148	0.0000943	0.0613	0.00000202	0.0000996	0.000223	0.00113	0
2054 Aug	0.0215	0.00000425	1.13	4.21	0.0166	0.000449	6.56	0.00275	0.0131	0.0000736	0.000148	0.0000945	0.0614	0.00000202	0.0000998	0.000223	0.00113	0
2054 Sep	0.0216	0.00000426	1.13	4.22	0.0166	0.00045	6.56	0.00275	0.0132	0.0000736	0.000148	0.0000946	0.0615	0.00000202	0.0001	0.000224	0.00113	0
2054 Oct	0.0216	0.00000427	1.13	4.22	0.0166	0.000451	6.56	0.00275	0.0132	0.0000735	0.000148	0.0000946	0.0615	0.00000202	0.0001	0.000223	0.00113	0
2054 Nov	0.0216	0.00000427	1.13	4.22	0.0166	0.000451	6.56	0.00275	0.0132	0.0000734	0.000148	0.0000945	0.0615	0.00000202	0.0001	0.000223	0.00113	0
2054 Dec	0.0216	0.00000427	1.13	4.22	0.0166	0.000451	6.56	0.00275	0.0133	0.0000734	0.000148	0.0000945	0.0615	0.00000202	0.0001	0.000223	0.00113	0
2055 Jan	0.0216	0.00000427	1.13	4.22	0.0166	0.000451	6.56	0.00275	0.0133	0.0000734	0.000148	0.0000945	0.0615	0.00000202	0.0001	0.000223	0.00113	0
2055 Feb	0.0216	0.00000427	1.13	4.22	0.0166	0.000451	6.56	0.00275	0.0133	0.0000734	0.000148	0.0000945	0.0615	0.00000202	0.0001	0.000224	0.00113	0
2055 Mar	0.0216	0.00000427	1.13	4.22	0.0166	0.000451	6.56	0.00275	0.0133	0.0000734	0.000148	0.0000945	0.0615	0.00000202	0.0001	0.000224	0.00113	0
2055 Apr	0.0216	0.00000427	1.13	4.22	0.0166	0.000451	6.56	0.00275	0.0133	0.0000735	0.000148	0.0000946	0.0615	0.00000202	0.0001	0.000224	0.00113	0
2055 May	0.0216	0.00000428	1.13	4.22	0.0166	0.000451	6.57	0.00275	0.0133	0.0000736	0.000149	0.0000947	0.0616	0.00000202	0.0001	0.000224	0.00113	0
2055 Jun	0.0216	0.0000043	1.13	4.21	0.0166	0.000449	6.53	0.00274	0.0134	0.0000734	0.000149	0.0000943	0.0614	0.00000201	0.0000999	0.000225	0.00113	0
2055 Jul	0.0217	0.00000432	1.13	4.21	0.0166	0.00045	6.53	0.00275	0.0135	0.0000735	0.00015	0.0000944	0.0615	0.00000201	0.0001	0.000226	0.00114	0
2055 Aug	0.0218	0.00000435	1.13	4.23	0.0167	0.000452	6.55	0.00276	0.0135	0.0000738	0.00015	0.0000947	0.0617	0.00000202	0.000101	0.000227	0.00114	0
2055 Sep	0.0218	0.00000436	1.13	4.23	0.0167	0.000453	6.55	0.00276	0.0136	0.0000737	0.00015	0.0000948	0.0618	0.00000202	0.000101	0.000227	0.00114	0
2055 Oct	0.0218	0.00000436	1.13	4.23	0.0167	0.000453	6.55	0.00276	0.0136	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	0
2055 Nov	0.0219	0.00000437	1.13	4.23	0.0167	0.000454	6.55	0.00276	0.0136	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	0
2055 Dec	0.0219	0.00000437	1.13	4.23	0.0167	0.000454	6.55	0.00276	0.0137	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	0
2056 Jan	0.0219	0.00000437	1.13	4.23	0.0167	0.000454	6.55	0.00276	0.0137	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	0
2056 Feb	0.0219	0.00000437	1.13	4.23	0.0167	0.000454	6.55	0.00276	0.0137	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	0
2056 Mar	0.0219	0.00000437	1.13	4.23	0.0167	0.000454	6.55	0.00276	0.0137	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	0
2056 Apr	0.0219	0.00000437	1.13	4.24	0.0167	0.000454	6.55	0.00276	0.0137	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	0
2056 May	0.022	0.00000438	1.13	4.24	0.0168	0.000454	6.56	0.00277	0.0137	0.0000743	0.000151	0.000095	0.062	0.00000203	0.000101	0.000228	0.00114	0
2056 Jun	0.0222	0.00000439	1.13	4.24	0.0171	0.000453	6.54	0.00276	0.0138	0.0000768	0.000151	0.000095	0.0623	0.00000202	0.000101	0.000231	0.00114	0
2056 Jul	0.0223	0.00000442	1.14	4.26	0.0171	0.000455	6.56	0.00278	0.0139	0.0000771	0.000152	0.0000954	0.0625	0.00000202	0.000101	0.000232	0.00115	0
2056 Aug	0.0224	0.00000444	1.14	4.27	0.0172	0.000456	6.57	0.00278	0.014	0.0000773	0.000152	0.0000956	0.0627	0.00000203	0.000102	0.000232	0.00115	0
2056 Sep	0.0224	0.00000446	1.14	4.28	0.0172	0.000458	6.58	0.00279	0.014	0.0000774	0.000152	0.0000958	0.0629	0.00000203	0.000102	0.000233	0.00115	0

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0224	0.00000447	1.14	4.27	0.0172	0.000458	6.58	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	0
2056 Nov	0.0224	0.00000447	1.14	4.27	0.0172	0.000458	6.58	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	0
2056 Dec	0.0225	0.00000447	1.14	4.27	0.0172	0.000458	6.58	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	0
2057 Jan	0.0225	0.00000447	1.14	4.27	0.0172	0.000458	6.58	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	0
2057 Feb	0.0225	0.00000447	1.14	4.27	0.0172	0.000458	6.58	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	0
2057 Mar	0.0225	0.00000447	1.14	4.27	0.0172	0.000458	6.58	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	0
2057 Apr	0.0225	0.00000447	1.14	4.28	0.0172	0.000459	6.58	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	0
2057 May	0.0225	0.00000448	1.14	4.28	0.0172	0.000459	6.59	0.00279	0.0141	0.0000774	0.000152	0.0000959	0.063	0.00000203	0.000102	0.000233	0.00115	0
2057 Jun	0.0226	0.00000449	1.14	4.27	0.0173	0.000458	6.56	0.00279	0.0142	0.0000783	0.000153	0.0000956	0.063	0.00000202	0.000102	0.000235	0.00115	0
2057 Jul	0.0227	0.00000452	1.14	4.28	0.0174	0.000459	6.57	0.0028	0.0143	0.0000785	0.000153	0.0000959	0.0631	0.00000203	0.000102	0.000236	0.00116	0
2057 Aug	0.0228	0.00000455	1.15	4.31	0.0175	0.000462	6.6	0.00281	0.0144	0.0000789	0.000154	0.0000964	0.0635	0.00000204	0.000103	0.000237	0.00116	0
2057 Sep	0.0229	0.00000456	1.15	4.31	0.0175	0.000463	6.61	0.00282	0.0145	0.0000789	0.000154	0.0000966	0.0636	0.00000204	0.000103	0.000238	0.00116	0
2057 Oct	0.0229	0.00000457	1.15	4.31	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000965	0.0637	0.00000204	0.000103	0.000238	0.00116	0
2057 Nov	0.0229	0.00000458	1.15	4.31	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000965	0.0637	0.00000204	0.000103	0.000238	0.00116	0
2057 Dec	0.0229	0.00000458	1.15	4.31	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000965	0.0637	0.00000204	0.000103	0.000238	0.00116	0
2058 Jan	0.0229	0.00000458	1.15	4.31	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000965	0.0637	0.00000204	0.000103	0.000238	0.00116	0
2058 Feb	0.0229	0.00000458	1.15	4.31	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000965	0.0637	0.00000204	0.000103	0.000238	0.00116	0
2058 Mar	0.0229	0.00000458	1.15	4.31	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000965	0.0637	0.00000204	0.000103	0.000238	0.00116	0
2058 Apr	0.0229	0.00000458	1.15	4.32	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000965	0.0637	0.00000204	0.000103	0.000238	0.00116	0
2058 May	0.0232	0.0000046	1.16	4.32	0.0178	0.000464	6.62	0.00282	0.0147	0.0000811	0.000155	0.0000967	0.0641	0.00000204	0.000103	0.000241	0.00117	0
2058 Jun	0.0237	0.00000463	1.15	4.31	0.0184	0.00046	6.58	0.0028	0.015	0.000087	0.000155	0.0000966	0.0646	0.00000203	0.000103	0.000248	0.00117	0
2058 Jul	0.0238	0.00000465	1.16	4.32	0.0184	0.000462	6.59	0.00281	0.015	0.0000872	0.000156	0.0000968	0.0648	0.00000203	0.000103	0.000249	0.00117	0
2058 Aug	0.0239	0.00000468	1.16	4.34	0.0185	0.000464	6.61	0.00282	0.0151	0.0000874	0.000156	0.0000972	0.065	0.00000204	0.000103	0.00025	0.00118	0
2058 Sep	0.0239	0.00000469	1.16	4.34	0.0185	0.000465	6.61	0.00282	0.0152	0.0000873	0.000156	0.0000972	0.0651	0.00000204	0.000104	0.00025	0.00118	0
2058 Oct	0.024	0.0000047	1.16	4.34	0.0185	0.000465	6.61	0.00282	0.0152	0.0000872	0.000156	0.0000972	0.0651	0.00000204	0.000104	0.00025	0.00118	0
2058 Nov	0.024	0.0000047	1.16	4.34	0.0185	0.000465	6.61	0.00282	0.0153	0.0000872	0.000156	0.0000972	0.0651	0.00000204	0.000104	0.00025	0.00118	0
2058 Dec	0.024	0.0000047	1.16	4.34	0.0185	0.000465	6.61	0.00282	0.0153	0.0000872	0.000156	0.0000972	0.0651	0.00000204	0.000104	0.00025	0.00118	0
2059 Jan	0.024	0.0000047	1.16	4.34	0.0185	0.000465	6.61	0.00282	0.0153	0.0000872	0.000156	0.0000972	0.0651	0.00000204	0.000104	0.00025	0.00118	0
2059 Feb	0.024	0.0000047	1.16	4.34	0.0185	0.000465	6.61	0.00282	0.0153	0.0000872	0.000156	0.0000972	0.0651	0.00000204	0.000104	0.00025	0.00118	0
2059 Mar	0.024	0.0000047	1.16	4.34	0.0185	0.000465	6.61	0.00282	0.0153	0.0000872	0.000156	0.0000972	0.0651	0.00000204	0.000104	0.00025	0.00118	0
2059 Apr	0.024	0.0000047	1.16	4.34	0.0185	0.000465	6.61	0.00283	0.0153	0.0000873	0.000156	0.0000972	0.0652	0.00000204	0.000104	0.00025	0.00118	0
2059 May	0.0241	0.00000471	1.16	4.35	0.0186	0.000466	6.62	0.00283	0.0153	0.0000879	0.000156	0.0000974	0.0653	0.00000204	0.000104	0.000251	0.00118	0
2059 Jun	0.0243	0.00000473	1.17	4.35	0.0188	0.000466	6.62	0.00283	0.0154	0.0000901	0.000157	0.0000975	0.0656	0.00000204	0.000104	0.000254	0.00118	0
2059 Jul	0.0245	0.00000476	1.17	4.38	0.0189	0.000468	6.65	0.00285	0.0155	0.0000906	0.000158	0.000098	0.066	0.00000205	0.000104	0.000255	0.00119	0
2059 Aug	0.0246	0.00000479	1.18	4.4	0.019	0.00047	6.68	0.00286	0.0156	0.000091	0.000159	0.0000984	0.0663	0.00000206	0.000105	0.000256	0.00119	0
2059 Sep	0.0246	0.0000048	1.18	4.4	0.019	0.000472	6.68	0.00286	0.0157	0.0000909	0.000159	0.0000985	0.0664	0.00000206	0.000105	0.000256	0.00119	0
2059 Oct	0.0246	0.00000481	1.18	4.39	0.019	0.000471	6.66	0.00286	0.0157	0.0000904	0.000158	0.0000982	0.0662	0.00000205	0.000105	0.000256	0.00119	0
2059 Nov	0.0246	0.00000481	1.18	4.39	0.019	0.000472	6.65	0.00285	0.0158	0.0000904	0.000158	0.0000982	0.0662	0.00000205	0.000105	0.000256	0.00119	0
2059 Dec	0.0246	0.00000481	1.18	4.39	0.019	0.000472	6.65	0.00285	0.0158	0.0000904	0.000158	0.0000982	0.0662	0.00000205	0.000105	0.000256	0.00119	0
2060 Jan	0.0246	0.00000481	1.18	4.39	0.019	0.000472	6.65	0.00285	0.0158	0.0000904	0.000158	0.0000982	0.0662	0.00000205	0.000105	0.000256	0.00119	0
2060 Feb	0.0246	0.00000481	1.18	4.39	0.019	0.000472	6.65	0.00285	0.0158	0.0000904	0.000158	0.0000982	0.0663	0.00000205	0.000105	0.000256	0.00119	0
2060 Mar	0.0246	0.00000481	1.18	4.39	0.019	0.000472	6.65	0.00285	0.0158	0.0000904	0.000158	0.0000982	0.0663	0.00000205	0.000105	0.000256	0.00119	0
2060 Apr	0.0246	0.00000481	1.18	4.39	0.019	0.000472	6.66	0.00286	0.0158	0.0000904	0.000158	0.0000982	0.0663	0.00000205	0.000105	0.000256	0.00119	0
2060 May	0.0248	0.00000482	1.18	4.4	0.0191	0.000472	6.66	0.00286	0.0158	0.0000917	0.000158	0.0000984	0.0665	0.00000206	0.000105	0.000257	0.00119	0
2060 Jun	0.0249	0.00000484	1.18	4.39	0.0194	0.000471	6.64	0.00285	0.0159	0.0000938	0.000159	0.0000983	0.0667	0.00000205	0.000105	0.00026	0.00119	0
2060 Jul	0.0251	0.00000487	1.18	4.42	0.0195	0.000473	6.67	0.00287	0.016	0.0000942	0.00016	0.0000988	0.067	0.00000206	0.000106	0.000262	0.0012	0
2060 Aug	0.0251	0.00000489	1.19	4.43	0.0195	0.000475	6.68	0.00288	0.0161	0.0000943	0.00016	0.0000991	0.0672	0.00000206	0.000106	0.000262	0.0012	0
2060 Sep	0.0251	0.0000049	1.18	4.42	0.0195	0.000475	6.66	0.00287	0.0162	0.0000938	0.00016	0.0000989	0.0671	0.00000206	0.000106	0.000261	0.0012	0
2060 Oct	0.0252	0.00000491	1.18	4.42	0.0195	0.000476	6.66	0.00287	0.0162	0.0000936	0.00016	0.0000988	0.0671	0.00000205	0.000106	0.000261	0.0012	0
2060 Nov	0.0252	0.00000491	1.18	4.42	0.0194	0.000476	6.66	0.00287	0.0162	0.0000935	0.000159	0.0000988	0.0671	0.00000205	0.000106	0.000261	0.0012	0
2060 Dec	0.0252	0.00000491	1.18	4.42	0.0194	0.000476	6.66	0.00287	0.0163	0.0000935	0.000159	0.0000988	0.0671	0.00000205	0.000106	0.000261	0.0012	0
2061 Jan	0.0252	0.00000491	1.18	4.42	0.0194	0.000476	6.66	0.00287	0.0163	0.0000935	0.000159	0.0000988	0.0671	0.00000205	0.000106	0.000261	0.0012	0
2061 Feb	0.0252	0.00000491	1.18	4.42	0.0194	0.000476	6.66	0.00287	0.0163	0.0000935	0.000159	0.0000988	0.0671	0.00000205	0.000106	0.000261	0.0012	0
2061 Mar	0.0252	0.00000491	1.18	4.42	0.0194	0.000476	6.66	0.00287	0.0163	0.0000935	0.000159	0.0000988	0.0671	0.00000205	0.000106	0.000261	0.0012	0
2061 Apr	0.0252	0.00000492	1.18	4.42	0.0195	0.000476	6.66	0.00287	0.0163	0.0000936	0.000159	0.0000988	0.0672	0.00000205	0.000106	0.000261	0.0012	0
2061 May	0.0254	0.00000493	1.19	4.42	0.0197	0.000476	6.66	0.00287	0.0164	0.0000954	0.00016	0.0000989	0.0674	0.00000206	0.000106	0.000264	0.0012	0
2061 Jun	0.0256	0.00000495	1.18	4.41	0.02	0.000474	6.63	0.00286	0.0165	0.0000984	0.00016	0.0000987	0.0676	0.00000204	0.000106	0.000267	0.0012	0
2061 Jul	0.0258	0.00000498	1.19	4.43	0.0201	0.000476	6.66	0.00288	0.0166	0.0000988	0.000161	0.0000992	0.068	0.00000205	0.000106	0.000269	0.0012	0
2061 Aug	0.0259	0.000005	1.19	4.45	0.0202	0.000478	6.68	0.00289	0.0167	0.0000992	0.000162	0.0000996	0.0682	0.00000206	0.000107	0.00027	0.00121	0
2061 Sep	0.0259	0.00000502	1.19	4.46	0.0202	0.000479	6.69	0.00289	0.0167	0.0000992	0.000162	0.0000997	0.0684	0.00000206	0.000107	0.00027	0.00121	0
2061 Oct	0.0259	0.00000502	1.19	4.45	0.0201	0.00048	6.67	0.00289	0.0168	0.0000988	0.000161	0.0000995	0.0683	0.00000206	0.000107	0.000269	0.00121	0
2061 Nov	0.0259	0.00000503	1.19	4.45	0.0201	0.00048	6.67	0.00289	0.0168	0.0000986	0.000161	0.0000994	0.0683	0.00000206	0.000107	0.000269	0.00121	0
2061 Dec	0.0259	0.00000503	1.19	4.45	0.0201	0.00048	6.67	0.00289	0.0168	0.0000986	0.000161	0.0000994	0.0683	0.00000206	0.000107	0.000269	0.00121	0
2062 Jan	0.0259	0.00000503	1.19	4.45	0.0201	0.00048	6.67	0.00289	0.0168	0.0000987	0.000161	0.0000994	0.0683	0.00000206	0.000107	0.000269	0.00121	0
2062 Feb	0.0259	0.00000503	1.19	4.45	0.0201	0.00048	6.67	0.00289	0.0168	0.0000987	0.000161	0.0000994	0.0683	0.00000206	0.000107	0.000269	0.00121	0
2062 Mar	0.0259	0.00000503	1.19	4.45	0.0201	0.00048	6.67	0.00289	0.0168	0.0000987	0.000161	0.0000994	0.0683	0.00000206	0.000107	0.000269	0.00121	0
2062 Apr	0.026	0.00000503	1.19	4.45	0.0201	0.00048	6.67	0.00289	0.0169	0.0000987	0.000161	0.0000995	0.0683	0.00000206	0.000107	0.000269	0.00121	0
2062 May	0.026	0.00000504	1.19	4.45	0.0201	0.00048	6.68	0.00289	0.0169	0.0000988	0.000161	0.0000996	0.0684	0.00000206	0.000107	0.00027	0.00121	0
2062 Jun	0.026	0.00000505	1.19	4.44	0.0201	0.000479	6.65	0.00288	0.0169	0.0000986	0.000162	0.0000993	0.0682	0.00000205	0.000107	0.00027	0.00121	0
2062 Jul	0.026	0.00000507	1.19	4.44	0.0201	0.000479	6.64	0.00289	0.017	0.0000986	0.000162	0.0000993	0.0682	0.00000205	0.000107	0.000271	0.00121	0
2062 Aug	0.0261	0.00000509	1.19	4.45	0.0202	0.000481	6.65	0.00289	0.0171	0.0000986	0.000162	0.0000995	0.0684	0.00000206	0.000107	0.000271	0.00121	0
2062 Sep	0.0261	0.0000051	1.19	4.45	0.0201	0.000481	6.64	0.00289	0.0171	0.0000983	0.000162	0.0000994	0.0684	0.00000205	0.000107	0.000271	0.00121	0
2062 Oct	0.026	0.0000051	1.18	4.43	0.02	0.000481	6.6	0.00288	0.0172	0.0000974	0.000161	0.0000989	0.0681	0.00000204	0.000107	0.000269	0.00121	0
2062 Nov	0.026	0.00000511	1.18	4.43	0.02	0.000481	6.6	0.00288	0.0172	0.0000974	0.000161	0.0000989	0.0682	0.00000204	0.000107	0.000269	0.00121	0
2062 Dec	0.0261	0.00000511	1.18	4.43	0.02	0.000481	6.6	0.00288	0.0172	0.0000974	0.000161	0.0000988	0.0682	0.00000204	0.000107	0.000269	0.00121	0
2063 Jan	0.0261	0.00000511	1.18	4.43	0.02	0.000481	6.6	0.00288	0.0172	0.0000974	0.000161	0.0000988	0.0682	0.00000204	0.000107	0.000269	0.00121	0
2063 Feb	0.0261	0.00000511	1.18	4.43	0.02	0.000481	6.6	0.00288	0.0172	0.0000974	0.000161	0.0000989	0.0682	0.00000204	0.000107	0.000269	0.00121	0

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0261	0.00000511	1.18	4.43	0.02	0.000481	6.6	0.00288	0.0172	0.0000974	0.000161	0.0000989	0.0682	0.00000204	0.000107	0.000269	0.00121	0
2063 Apr	0.0261	0.00000511	1.18	4.43	0.02	0.000481	6.6	0.00288	0.0173	0.0000974	0.000161	0.0000989	0.0682	0.00000204	0.000107	0.000269	0.00121	0
2063 May	0.0261	0.00000511	1.19	4.43	0.0201	0.000481	6.61	0.00288	0.0173	0.0000979	0.000161	0.000099	0.0683	0.00000204	0.000107	0.00027	0.00121	0
2063 Jun	0.0263	0.00000512	1.18	4.41	0.0203	0.000478	6.55	0.00287	0.0174	0.0000999	0.000161	0.0000985	0.0682	0.00000203	0.000106	0.000273	0.0012	0
2063 Jul	0.0263	0.00000514	1.18	4.42	0.0203	0.000478	6.55	0.00287	0.0174	0.0000999	0.000162	0.0000986	0.0683	0.00000203	0.000107	0.000274	0.00121	0
2063 Aug	0.0264	0.00000517	1.19	4.43	0.0204	0.000481	6.57	0.00288	0.0175	0.0001	0.000163	0.000099	0.0686	0.00000203	0.000107	0.000275	0.00121	0
2063 Sep	0.0265	0.00000518	1.19	4.44	0.0204	0.000482	6.58	0.00289	0.0176	0.0001	0.000163	0.0000991	0.0687	0.00000204	0.000107	0.000275	0.00121	0
2063 Oct	0.0265	0.00000519	1.19	4.43	0.0204	0.000482	6.57	0.00288	0.0176	0.0001	0.000162	0.0000989	0.0686	0.00000203	0.000107	0.000274	0.00121	0
2063 Nov	0.0265	0.00000519	1.19	4.43	0.0204	0.000482	6.57	0.00288	0.0177	0.0000999	0.000162	0.0000989	0.0686	0.00000203	0.000107	0.000274	0.00121	0
2063 Dec	0.0265	0.00000519	1.19	4.43	0.0204	0.000482	6.57	0.00288	0.0177	0.0000999	0.000162	0.0000989	0.0686	0.00000203	0.000107	0.000274	0.00121	0
2064 Jan	0.0265	0.00000519	1.19	4.43	0.0204	0.000482	6.57	0.00288	0.0177	0.0000999	0.000162	0.0000989	0.0686	0.00000203	0.000107	0.000274	0.00121	0
2064 Feb	0.0265	0.00000519	1.19	4.43	0.0204	0.000482	6.57	0.00288	0.0177	0.0000999	0.000162	0.0000989	0.0687	0.00000203	0.000107	0.000274	0.00121	0
2064 Mar	0.0265	0.00000519	1.19	4.43	0.0204	0.000482	6.57	0.00288	0.0177	0.0001	0.000162	0.000099	0.0687	0.00000203	0.000107	0.000274	0.00121	0
2064 Apr	0.0265	0.00000519	1.19	4.43	0.0204	0.000482	6.57	0.00288	0.0177	0.0001	0.000162	0.000099	0.0687	0.00000203	0.000107	0.000275	0.00121	0
2064 May	0.0267	0.00000521	1.19	4.44	0.0206	0.000482	6.57	0.00288	0.0178	0.000102	0.000163	0.0000991	0.0689	0.00000203	0.000107	0.000277	0.00121	0
2064 Jun	0.0271	0.00000522	1.19	4.43	0.021	0.00048	6.55	0.00288	0.0179	0.000106	0.000163	0.000099	0.0693	0.00000202	0.000107	0.000282	0.00121	0
2064 Jul	0.0272	0.00000525	1.19	4.45	0.0211	0.000481	6.57	0.00289	0.018	0.000106	0.000164	0.0000993	0.0696	0.00000203	0.000107	0.000283	0.00122	0
2064 Aug	0.0272	0.00000527	1.19	4.46	0.0211	0.000483	6.57	0.00289	0.0181	0.000107	0.000164	0.0000995	0.0697	0.00000203	0.000108	0.000283	0.00122	0
2064 Sep	0.0273	0.00000528	1.19	4.45	0.0211	0.000483	6.56	0.00289	0.0182	0.000106	0.000164	0.0000994	0.0697	0.00000203	0.000108	0.000283	0.00122	0
2064 Oct	0.0273	0.00000529	1.19	4.45	0.0211	0.000484	6.56	0.00289	0.0182	0.000106	0.000164	0.0000994	0.0698	0.00000203	0.000108	0.000283	0.00122	0
2064 Nov	0.0273	0.0000053	1.19	4.45	0.0211	0.000484	6.57	0.00289	0.0182	0.000106	0.000164	0.0000994	0.0698	0.00000203	0.000108	0.000283	0.00122	0
2064 Dec	0.0273	0.0000053	1.19	4.45	0.0211	0.000484	6.57	0.00289	0.0182	0.000106	0.000164	0.0000994	0.0698	0.00000203	0.000108	0.000283	0.00122	0
2065 Jan	0.0273	0.0000053	1.19	4.45	0.0211	0.000484	6.57	0.00289	0.0182	0.000106	0.000164	0.0000994	0.0698	0.00000203	0.000108	0.000283	0.00122	0
2065 Feb	0.0273	0.0000053	1.19	4.45	0.0211	0.000484	6.57	0.00289	0.0182	0.000106	0.000164	0.0000994	0.0698	0.00000203	0.000108	0.000283	0.00122	0
2065 Mar	0.0273	0.0000053	1.19	4.45	0.0211	0.000484	6.57	0.00289	0.0182	0.000106	0.000164	0.0000995	0.0698	0.00000203	0.000108	0.000283	0.00122	0
2065 Apr	0.0273	0.0000053	1.19	4.46	0.0211	0.000484	6.57	0.00289	0.0183	0.000106	0.000164	0.0000995	0.0698	0.00000203	0.000108	0.000283	0.00122	0
2065 May	0.0275	0.00000531	1.2	4.46	0.0213	0.000485	6.58	0.00289	0.0183	0.000107	0.000164	0.0000997	0.0701	0.00000203	0.000108	0.000285	0.00122	0
2065 Jun	0.0276	0.00000532	1.19	4.45	0.0214	0.000483	6.55	0.00289	0.0184	0.000109	0.000164	0.0000995	0.0701	0.00000203	0.000108	0.000287	0.00122	0
2065 Jul	0.0277	0.00000536	1.2	4.48	0.0215	0.000485	6.58	0.0029	0.0185	0.000109	0.000165	0.0000999	0.0704	0.00000203	0.000108	0.000288	0.00123	0
2065 Aug	0.0279	0.00000539	1.2	4.49	0.0216	0.000488	6.6	0.00292	0.0186	0.00011	0.000166	0.0001	0.0707	0.00000204	0.000109	0.000289	0.00123	0
2065 Sep	0.0279	0.0000054	1.2	4.49	0.0216	0.000488	6.59	0.00291	0.0187	0.000109	0.000166	0.0001	0.0707	0.00000204	0.000109	0.000289	0.00123	0
2065 Oct	0.0278	0.0000054	1.2	4.47	0.0215	0.000488	6.56	0.0029	0.0188	0.000108	0.000165	0.0000997	0.0705	0.00000203	0.000109	0.000287	0.00122	0
2065 Nov	0.0278	0.0000054	1.2	4.47	0.0215	0.000488	6.55	0.0029	0.0188	0.000108	0.000165	0.0000997	0.0705	0.00000203	0.000109	0.000287	0.00122	0
2065 Dec	0.0278	0.0000054	1.2	4.47	0.0215	0.000488	6.55	0.0029	0.0188	0.000108	0.000165	0.0000997	0.0705	0.00000203	0.000109	0.000287	0.00122	0
2066 Jan	0.0278	0.0000054	1.2	4.47	0.0215	0.000488	6.55	0.0029	0.0188	0.000108	0.000165	0.0000997	0.0705	0.00000203	0.000109	0.000287	0.00122	0
2066 Feb	0.0278	0.0000054	1.2	4.47	0.0215	0.000488	6.55	0.0029	0.0188	0.000108	0.000165	0.0000997	0.0705	0.00000203	0.000109	0.000287	0.00122	0
2066 Mar	0.0278	0.00000541	1.2	4.47	0.0215	0.000488	6.56	0.0029	0.0188	0.000108	0.000165	0.0000997	0.0705	0.00000203	0.000109	0.000287	0.00122	0
2066 Apr	0.0279	0.00000541	1.2	4.47	0.0215	0.000488	6.56	0.0029	0.0188	0.000108	0.000165	0.0000997	0.0705	0.00000203	0.000109	0.000288	0.00122	0
2066 May	0.0279	0.00000541	1.2	4.48	0.0215	0.000489	6.56	0.0029	0.0188	0.000108	0.000165	0.0000998	0.0706	0.00000203	0.000109	0.000288	0.00123	0
2066 Jun	0.0279	0.00000542	1.19	4.46	0.0215	0.000487	6.52	0.00289	0.0189	0.000109	0.000165	0.0000995	0.0704	0.00000202	0.000108	0.000289	0.00123	0
2066 Jul	0.0281	0.00000546	1.2	4.48	0.0216	0.000489	6.55	0.00291	0.019	0.000109	0.000166	0.0000999	0.0708	0.00000203	0.000109	0.000291	0.00123	0
2066 Aug	0.0282	0.00000549	1.2	4.5	0.0217	0.000491	6.57	0.00292	0.0191	0.00011	0.000167	0.0001	0.0711	0.00000204	0.000109	0.000292	0.00124	0
2066 Sep	0.0282	0.0000055	1.21	4.5	0.0217	0.000492	6.57	0.00293	0.0192	0.00011	0.000167	0.0001	0.0711	0.00000204	0.00011	0.000292	0.00124	0
2066 Oct	0.0282	0.00000551	1.2	4.5	0.0217	0.000493	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	0
2066 Nov	0.0282	0.00000551	1.2	4.5	0.0217	0.000493	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	0
2066 Dec	0.0282	0.00000551	1.2	4.5	0.0217	0.000493	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	0
2067 Jan	0.0282	0.00000551	1.2	4.5	0.0217	0.000493	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	0
2067 Feb	0.0282	0.00000551	1.2	4.5	0.0217	0.000493	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	0
2067 Mar	0.0282	0.00000551	1.2	4.5	0.0217	0.000493	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	0
2067 Apr	0.0283	0.00000552	1.2	4.5	0.0217	0.000493	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	0
2067 May	0.0283	0.00000552	1.21	4.5	0.0217	0.000493	6.57	0.00293	0.0193	0.00011	0.000167	0.0001	0.0713	0.00000204	0.00011	0.000292	0.00124	0
2067 Jun	0.0284	0.00000553	1.2	4.5	0.0219	0.000492	6.55	0.00292	0.0194	0.000111	0.000167	0.0001	0.0713	0.00000203	0.00011	0.000294	0.00124	0
2067 Jul	0.0286	0.00000557	1.21	4.52	0.022	0.000495	6.58	0.00294	0.0195	0.000111	0.000168	0.000101	0.0717	0.00000204	0.00011	0.000295	0.00124	0
2067 Aug	0.0287	0.00000559	1.21	4.53	0.022	0.000496	6.6	0.00294	0.0196	0.000112	0.000168	0.000101	0.0719	0.00000205	0.00011	0.000296	0.00125	0
2067 Sep	0.0287	0.00000561	1.21	4.54	0.022	0.000497	6.6	0.00295	0.0197	0.000112	0.000168	0.000101	0.072	0.00000205	0.000111	0.000296	0.00125	0
2067 Oct	0.0287	0.00000561	1.21	4.53	0.022	0.000498	6.59	0.00294	0.0197	0.000111	0.000168	0.000101	0.0719	0.00000205	0.000111	0.000295	0.00125	0
2067 Nov	0.0287	0.00000562	1.21	4.53	0.022	0.000498	6.58	0.00294	0.0197	0.000111	0.000168	0.000101	0.0719	0.00000205	0.000111	0.000295	0.00125	0
2067 Dec	0.0287	0.00000562	1.21	4.53	0.022	0.000498	6.58	0.00294	0.0197	0.000111	0.000168	0.000101	0.0719	0.00000205	0.000111	0.000295	0.00125	0
2068 Jan	0.0287	0.00000562	1.21	4.53	0.022	0.000498	6.58	0.00294	0.0197	0.000111	0.000168	0.000101	0.0719	0.00000205	0.000111	0.000295	0.00125	0
2068 Feb	0.0287	0.00000562	1.21	4.53	0.022	0.000498	6.58	0.00294	0.0197	0.000111	0.000168	0.000101	0.0719	0.00000205	0.000111	0.000295	0.00125	0
2068 Mar	0.0287	0.00000562	1.21	4.53	0.022	0.000498	6.59	0.00294	0.0197	0.000111	0.000168	0.000101	0.0719	0.00000205	0.000111	0.000295	0.00125	0
2068 Apr	0.0288	0.00000562	1.21	4.53	0.022	0.000498	6.59	0.00295	0.0198	0.000111	0.000168	0.000101	0.072	0.00000205	0.000111	0.000296	0.00125	0
2068 May	0.0289	0.00000563	1.22	4.54	0.0221	0.000498	6.6	0.00295	0.0198	0.000112	0.000168	0.000101	0.0721	0.00000205	0.000111	0.000297	0.00125	0
2068 Jun	0.029	0.00000563	1.21	4.52	0.0224	0.000495	6.54	0.00293	0.0199	0.000115	0.000168	0.000101	0.0721	0.00000203	0.00011	0.0003	0.00124	0
2068 Jul	0.0291	0.00000566	1.21	4.53	0.0224	0.000496	6.55	0.00294	0.02	0.000115	0.000169	0.000101	0.0723	0.00000203	0.00011	0.000301	0.00125	0
2068 Aug	0.0293	0.00000569	1.22	4.55	0.0225	0.000498	6.58	0.00295	0.0201	0.000116	0.00017	0.000101	0.0726	0.00000204	0.000111	0.000302	0.00125	0
2068 Sep	0.0293	0.0000057	1.22	4.55	0.0225	0.000499	6.58	0.00295	0.0202	0.000115	0.00017	0.000101	0.0727	0.00000204	0.000111	0.000302	0.00125	0
2068 Oct	0.0293	0.00000571	1.22	4.55	0.0225	0.0005	6.58	0.00295	0.0202	0.000115	0.00017	0.000101	0.0727	0.00000204	0.000111	0.000302	0.00125	0
2068 Nov	0.0293	0.00000571	1.22	4.55	0.0225	0.0005	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000302	0.00125	0
2068 Dec	0.0293	0.00000571	1.22	4.55	0.0225	0.0005	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000302	0.00125	0
2069 Jan	0.0293	0.00000571	1.22	4.55	0.0225	0.0005	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000302	0.00126	0
2069 Feb	0.0294	0.00000571	1.22	4.55	0.0225	0.0005	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000302	0.00126	0
2069 Mar	0.0294	0.00000571	1.22	4.55	0.0225	0.0005	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000302	0.00126	0
2069 Apr	0.0294	0.00000571	1.22	4.55	0.0226	0.0005	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000205	0.000111	0.000302	0.00126	0
2069 May	0.0294	0.00000572	1.22	4.56	0.0226	0.000501	6.59	0.00296	0.0202	0.000116	0.00017	0.000102	0.0729	0.00000205	0.000111	0.000303	0.00126	0
2069 Jun	0.0294	0.00000573	1.22	4.55	0.0226	0.000499	6.57	0.00296	0.0203	0.000116	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000304	0.00126	0
2069 Jul	0.0295	0.00000576	1.22	4.57	0.0227	0.000501	6.59	0.00297	0.0204	0.000116	0.000171	0.000102	0.0731	0.00000205	0.000112	0.000305	0.00126	0

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0296	0.00000579	1.22	4.58	0.0227	0.000503	6.6	0.00298	0.0205	0.000116	0.000171	0.000102	0.0733	0.00000205	0.000112	0.000306	0.00127	0
2069 Sep	0.0296	0.0000058	1.22	4.58	0.0227	0.000503	6.59	0.00297	0.0205	0.000116	0.000171	0.000102	0.0732	0.00000205	0.000112	0.000305	0.00126	0
2069 Oct	0.0296	0.00000579	1.22	4.56	0.0226	0.000503	6.56	0.00296	0.0206	0.000115	0.00017	0.000101	0.073	0.00000204	0.000112	0.000304	0.00126	0
2069 Nov	0.0296	0.00000579	1.22	4.56	0.0226	0.000503	6.56	0.00296	0.0206	0.000115	0.00017	0.000101	0.073	0.00000204	0.000112	0.000304	0.00126	0
2069 Dec	0.0296	0.00000579	1.22	4.56	0.0226	0.000503	6.56	0.00296	0.0206	0.000115	0.00017	0.000101	0.073	0.00000204	0.000112	0.000304	0.00126	0
2070 Jan	0.0296	0.00000579	1.22	4.56	0.0226	0.000503	6.56	0.00296	0.0206	0.000115	0.00017	0.000101	0.073	0.00000204	0.000112	0.000304	0.00126	0
2070 Feb	0.0296	0.00000579	1.22	4.56	0.0226	0.000503	6.56	0.00296	0.0206	0.000115	0.00017	0.000101	0.073	0.00000204	0.000112	0.000304	0.00126	0
2070 Mar	0.0296	0.0000058	1.22	4.56	0.0226	0.000503	6.56	0.00296	0.0206	0.000115	0.00017	0.000101	0.0731	0.00000204	0.000112	0.000304	0.00126	0
2070 Apr	0.0296	0.0000058	1.22	4.56	0.0226	0.000503	6.56	0.00297	0.0206	0.000115	0.00017	0.000101	0.0731	0.00000204	0.000112	0.000304	0.00126	0
2070 May	0.0297	0.00000581	1.22	4.57	0.0227	0.000504	6.57	0.00297	0.0206	0.000116	0.000171	0.000102	0.0732	0.00000204	0.000112	0.000305	0.00126	0
2070 Jun	0.0298	0.00000581	1.22	4.57	0.0229	0.000503	6.56	0.00297	0.0207	0.000118	0.000171	0.000102	0.0734	0.00000204	0.000112	0.000308	0.00126	0
2070 Jul	0.03	0.00000584	1.23	4.59	0.023	0.000505	6.58	0.00298	0.0208	0.000118	0.000172	0.000102	0.0737	0.00000205	0.000112	0.000309	0.00127	0
2070 Aug	0.0301	0.00000587	1.23	4.6	0.0231	0.000507	6.6	0.00299	0.0209	0.000119	0.000172	0.000102	0.0739	0.00000205	0.000113	0.00031	0.00127	0
2070 Sep	0.0301	0.00000588	1.23	4.6	0.0231	0.000507	6.59	0.00299	0.021	0.000118	0.000172	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	0
2070 Oct	0.0301	0.00000588	1.23	4.59	0.023	0.000507	6.58	0.00298	0.021	0.000118	0.000172	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	0
2070 Nov	0.0301	0.00000588	1.23	4.59	0.023	0.000508	6.58	0.00298	0.021	0.000118	0.000172	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	0
2070 Dec	0.0301	0.00000588	1.23	4.59	0.023	0.000508	6.58	0.00298	0.021	0.000118	0.000172	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	0
2071 Jan	0.0301	0.00000588	1.23	4.59	0.023	0.000508	6.58	0.00298	0.021	0.000118	0.000172	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	0
2071 Feb	0.0301	0.00000588	1.23	4.59	0.023	0.000508	6.58	0.00298	0.021	0.000118	0.000172	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	0
2071 Mar	0.0301	0.00000588	1.23	4.59	0.023	0.000508	6.58	0.00298	0.021	0.000118	0.000172	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	0
2071 Apr	0.0301	0.00000588	1.23	4.59	0.023	0.000508	6.58	0.00298	0.021	0.000118	0.000172	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	0
2071 May	0.0301	0.00000589	1.23	4.6	0.0231	0.000508	6.58	0.00299	0.021	0.000118	0.000172	0.000102	0.074	0.00000205	0.000113	0.00031	0.00127	0
2071 Jun	0.0302	0.00000589	1.22	4.59	0.0232	0.000506	6.55	0.00298	0.0211	0.00012	0.000172	0.000102	0.0739	0.00000204	0.000113	0.000311	0.00127	0
2071 Jul	0.0303	0.00000591	1.23	4.6	0.0233	0.000507	6.56	0.00299	0.0211	0.00012	0.000173	0.000102	0.0741	0.00000204	0.000113	0.000312	0.00127	0
2071 Aug	0.0304	0.00000594	1.23	4.61	0.0233	0.000509	6.59	0.003	0.0212	0.00012	0.000173	0.000103	0.0744	0.00000205	0.000113	0.000313	0.00127	0
2071 Sep	0.0304	0.00000594	1.23	4.61	0.0233	0.00051	6.58	0.003	0.0213	0.00012	0.000173	0.000102	0.0744	0.00000205	0.000113	0.000313	0.00127	0
2071 Oct	0.0304	0.00000595	1.23	4.61	0.0233	0.00051	6.57	0.003	0.0213	0.00012	0.000173	0.000102	0.0743	0.00000204	0.000113	0.000312	0.00127	0
2071 Nov	0.0304	0.00000595	1.23	4.61	0.0233	0.00051	6.57	0.00299	0.0213	0.00012	0.000173	0.000102	0.0743	0.00000204	0.000113	0.000312	0.00127	0
2071 Dec	0.0304	0.00000595	1.23	4.61	0.0233	0.00051	6.57	0.00299	0.0213	0.00012	0.000173	0.000102	0.0743	0.00000204	0.000113	0.000312	0.00127	0
2072 Jan	0.0304	0.00000595	1.23	4.61	0.0233	0.00051	6.57	0.00299	0.0213	0.00012	0.000173	0.000102	0.0743	0.00000204	0.000113	0.000312	0.00127	0
2072 Feb	0.0304	0.00000595	1.23	4.61	0.0233	0.00051	6.57	0.00299	0.0213	0.00012	0.000173	0.000102	0.0743	0.00000204	0.000113	0.000312	0.00127	0
2072 Mar	0.0304	0.00000595	1.23	4.61	0.0233	0.00051	6.57	0.00299	0.0213	0.00012	0.000173	0.000102	0.0743	0.00000204	0.000113	0.000312	0.00127	0
2072 Apr	0.0304	0.00000595	1.23	4.61	0.0233	0.00051	6.57	0.003	0.0213	0.00012	0.000173	0.000102	0.0744	0.00000204	0.000113	0.000312	0.00127	0
2072 May	0.0304	0.00000596	1.23	4.62	0.0233	0.000511	6.58	0.003	0.0213	0.00012	0.000173	0.000103	0.0745	0.00000205	0.000114	0.000313	0.00127	0
2072 Jun	0.0304	0.00000597	1.23	4.61	0.0233	0.00051	6.57	0.003	0.0214	0.00012	0.000173	0.000102	0.0744	0.00000204	0.000113	0.000313	0.00127	0
2072 Jul	0.0305	0.00000599	1.23	4.62	0.0234	0.000512	6.57	0.00301	0.0215	0.00012	0.000174	0.000103	0.0746	0.00000205	0.000114	0.000314	0.00128	0
2072 Aug	0.0305	0.00000601	1.23	4.63	0.0234	0.000513	6.57	0.00301	0.0215	0.00012	0.000174	0.000103	0.0746	0.00000205	0.000114	0.000314	0.00128	0
2072 Sep	0.0305	0.00000602	1.23	4.63	0.0233	0.000513	6.57	0.00301	0.0216	0.000119	0.000174	0.000103	0.0746	0.00000205	0.000114	0.000313	0.00128	0
2072 Oct	0.0305	0.00000602	1.23	4.62	0.0233	0.000513	6.55	0.003	0.0216	0.000119	0.000173	0.000102	0.0745	0.00000204	0.000114	0.000312	0.00127	0
2072 Nov	0.0305	0.00000602	1.23	4.62	0.0233	0.000513	6.55	0.003	0.0216	0.000119	0.000173	0.000102	0.0745	0.00000204	0.000114	0.000312	0.00127	0
2072 Dec	0.0305	0.00000602	1.23	4.62	0.0233	0.000513	6.55	0.003	0.0216	0.000119	0.000173	0.000102	0.0745	0.00000204	0.000114	0.000312	0.00127	0
2073 Jan	0.0305	0.00000602	1.23	4.62	0.0233	0.000513	6.55	0.003	0.0216	0.000119	0.000173	0.000102	0.0745	0.00000204	0.000114	0.000312	0.00127	0
2073 Feb	0.0305	0.00000602	1.23	4.62	0.0233	0.000513	6.55	0.003	0.0216	0.000119	0.000173	0.000102	0.0745	0.00000204	0.000114	0.000312	0.00127	0
2073 Mar	0.0305	0.00000602	1.23	4.62	0.0233	0.000513	6.55	0.003	0.0216	0.000119	0.000173	0.000102	0.0745	0.00000204	0.000114	0.000312	0.00127	0
2073 Apr	0.0305	0.00000602	1.23	4.62	0.0233	0.000514	6.55	0.003	0.0216	0.000119	0.000173	0.000102	0.0746	0.00000204	0.000114	0.000313	0.00128	0
2073 May	0.0307	0.00000604	1.23	4.62	0.0235	0.000513	6.56	0.003	0.0217	0.000121	0.000174	0.000103	0.0748	0.00000204	0.000114	0.000315	0.00128	0
2073 Jun	0.031	0.00000605	1.23	4.62	0.0238	0.000512	6.54	0.003	0.0218	0.000123	0.000174	0.000103	0.075	0.00000204	0.000114	0.000318	0.00128	0
2073 Jul	0.031	0.00000607	1.24	4.63	0.0238	0.000513	6.56	0.00301	0.0219	0.000124	0.000175	0.000103	0.0753	0.00000204	0.000114	0.000319	0.00128	0
2073 Aug	0.0311	0.0000061	1.24	4.65	0.0239	0.000515	6.57	0.00302	0.022	0.000124	0.000175	0.000103	0.0755	0.00000205	0.000115	0.00032	0.00128	0
2073 Sep	0.0312	0.00000611	1.24	4.65	0.0239	0.000516	6.57	0.00302	0.022	0.000124	0.000175	0.000103	0.0755	0.00000205	0.000115	0.00032	0.00128	0
2073 Oct	0.0311	0.00000611	1.24	4.64	0.0238	0.000516	6.56	0.00302	0.022	0.000123	0.000175	0.000103	0.0754	0.00000204	0.000115	0.000319	0.00128	0
2073 Nov	0.0311	0.00000611	1.24	4.64	0.0238	0.000516	6.56	0.00301	0.0221	0.000123	0.000175	0.000103	0.0754	0.00000204	0.000115	0.000319	0.00128	0
2073 Dec	0.0311	0.00000611	1.24	4.64	0.0238	0.000516	6.56	0.00301	0.0221	0.000123	0.000175	0.000103	0.0754	0.00000204	0.000115	0.000319	0.00128	0
2074 Jan	0.0311	0.00000611	1.24	4.64	0.0238	0.000516	6.56	0.00301	0.0221	0.000123	0.000175	0.000103	0.0754	0.00000204	0.000115	0.000319	0.00128	0
2074 Feb	0.0311	0.00000611	1.24	4.64	0.0238	0.000516	6.56	0.00301	0.0221	0.000123	0.000175	0.000103	0.0754	0.00000204	0.000115	0.000319	0.00128	0
2074 Mar	0.0311	0.00000611	1.24	4.64	0.0238	0.000516	6.56	0.00301	0.0221	0.000123	0.000175	0.000103	0.0754	0.00000204	0.000115	0.000319	0.00128	0
2074 Apr	0.0312	0.00000611	1.24	4.64	0.0238	0.000516	6.56	0.00302	0.0221	0.000123	0.000175	0.000103	0.0755	0.00000204	0.000115	0.000319	0.00128	0
2074 May	0.0314	0.00000613	1.24	4.65	0.0241	0.000516	6.57	0.00302	0.0222	0.000126	0.000175	0.000103	0.0759	0.00000204	0.000115	0.000322	0.00128	0
2074 Jun	0.0317	0.00000613	1.24	4.64	0.0245	0.000513	6.54	0.003	0.0223	0.00013	0.000175	0.000103	0.0761	0.00000203	0.000114	0.000327	0.00128	0
2074 Jul	0.0319	0.00000616	1.24	4.66	0.0246	0.000515	6.56	0.00302	0.0224	0.00013	0.000176	0.000103	0.0764	0.00000204	0.000115	0.000328	0.00129	0
2074 Aug	0.032	0.0000062	1.25	4.68	0.0247	0.000518	6.59	0.00303	0.0225	0.000131	0.000177	0.000104	0.0768	0.00000205	0.000115	0.00033	0.00129	0
2074 Sep	0.032	0.00000621	1.25	4.67	0.0247	0.000518	6.58	0.00303	0.0226	0.00013	0.000176	0.000104	0.0767	0.00000205	0.000115	0.000329	0.00129	0
2074 Oct	0.032	0.00000621	1.25	4.67	0.0246	0.000518	6.57	0.00303	0.0226	0.00013	0.000176	0.000104	0.0767	0.00000204	0.000115	0.000328	0.00129	0
2074 Nov	0.032	0.00000622	1.25	4.66	0.0246	0.000518	6.57	0.00302	0.0227	0.00013	0.000176	0.000104	0.0767	0.00000204	0.000115	0.000328	0.00129	0
2074 Dec	0.032	0.00000622	1.25	4.66	0.0246	0.000519	6.57	0.00302	0.0227	0.00013	0.000176	0.000103	0.0767	0.00000204	0.000115	0.000328	0.00129	0
2075 Jan	0.032	0.00000622	1.25	4.66	0.0246	0.000519	6.57	0.00302	0.0227	0.00013	0.000176	0.000103	0.0767	0.00000204	0.000115	0.000328	0.00129	0
2075 Feb	0.032	0.00000622	1.25	4.66	0.0246	0.000519	6.57	0.00302	0.0227	0.00013	0.000176	0.000104	0.0767	0.00000204	0.000115	0.000328	0.00129	0
2075 Mar	0.032	0.00000622	1.25	4.66	0.0246	0.000519	6.57	0.00302	0.0227	0.00013	0.000176	0.000104	0.0767	0.00000204	0.000115	0.000328	0.00129	0
2075 Apr	0.0321	0.00000622	1.25	4.66	0.0246	0.000519	6.57	0.00302	0.0227	0.00013	0.000176	0.000104	0.0767	0.00000204	0.000115	0.000328	0.00129	0
2075 May	0.0322	0.00000623	1.25	4.67	0.0247	0.000519	6.58	0.00303	0.0228	0.000131	0.000176	0.000104	0.0769	0.00000205	0.000115	0.00033	0.00129	0
2075 Jun	0.0321	0.00000624	1.24	4.65	0.0247	0.000517	6.55	0.00302	0.0228	0.00013	0.000176	0.000103	0.0767	0.00000204	0.000115	0.00033	0.00129	0
2075 Jul	0.0322	0.00000626	1.25	4.66	0.0247	0.000518	6.55	0.00303	0.0229	0.00013	0.000177	0.000104	0.0768	0.00000204	0.000115	0.000331	0.0013	0
2075 Aug	0.0323	0.00000628	1.25	4.68	0.0248	0.00052	6.57	0.00304	0.0229	0.000131	0.000177	0.000104	0.077	0.00000205	0.000116	0.000332	0.0013	0
2075 Sep	0.0323	0.0000063	1.25	4.68	0.0248	0.000521	6.57	0.00304	0.023	0.000131	0.000178	0.000104	0.0771	0.00000205	0.000116	0.000332	0.0013	0
2075 Oct	0.0323	0.0000063	1.25	4.68	0.0248	0.000521	6.57	0.00304	0.023	0.00013	0.000178	0.000104	0.0771	0.00000205	0.000116	0.000332	0.0013	0
2075 Nov	0.0323	0.0000063	1.25	4.68	0.0248	0.000521	6.57	0.00304	0.023	0.00013	0.000177	0.000104	0.0771	0.00000205	0.000116	0.000332	0.0013	0
2075 Dec	0.0323	0.0000063	1.25	4.68	0.0248	0.000521	6.57	0.00304	0.023	0.00013	0.000177	0.000104	0.0771	0.00000205	0.000116	0.000332	0.0013	0

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0323	0.0000063	1.25	4.68	0.0248	0.000521	6.57	0.00304	0.023	0.00013	0.000177	0.000104	0.0771	0.00000205	0.000116	0.000332	0.0013	0
2076 Feb	0.0323	0.0000063	1.25	4.68	0.0248	0.000521	6.57	0.00304	0.023	0.00013	0.000177	0.000104	0.0771	0.00000205	0.000116	0.000332	0.0013	0
2076 Mar	0.0323	0.0000063	1.25	4.68	0.0248	0.000522	6.57	0.00304	0.023	0.00013	0.000178	0.000104	0.0772	0.00000205	0.000116	0.000332	0.0013	0
2076 Apr	0.0324	0.0000063	1.25	4.68	0.0248	0.000522	6.57	0.00304	0.0231	0.00013	0.000178	0.000104	0.0772	0.00000205	0.000116	0.000332	0.0013	0
2076 May	0.0324	0.00000631	1.25	4.69	0.0249	0.000522	6.58	0.00304	0.0231	0.000131	0.000178	0.000104	0.0773	0.00000205	0.000116	0.000333	0.0013	0
2076 Jun	0.0324	0.00000631	1.25	4.68	0.0249	0.00052	6.55	0.00303	0.0231	0.000132	0.000178	0.000104	0.0772	0.00000204	0.000116	0.000334	0.0013	0
2076 Jul	0.0325	0.00000633	1.25	4.69	0.025	0.000522	6.56	0.00304	0.0232	0.000132	0.000179	0.000104	0.0774	0.00000205	0.000116	0.000335	0.00131	0
2076 Aug	0.0327	0.00000636	1.26	4.71	0.0251	0.000524	6.59	0.00306	0.0233	0.000132	0.000179	0.000104	0.0777	0.00000205	0.000117	0.000336	0.00131	0
2076 Sep	0.0327	0.00000638	1.26	4.72	0.0251	0.000525	6.59	0.00306	0.0233	0.000132	0.000179	0.000105	0.0778	0.00000206	0.000117	0.000336	0.00131	0
2076 Oct	0.0327	0.00000638	1.26	4.71	0.0251	0.000525	6.58	0.00306	0.0234	0.000132	0.000179	0.000104	0.0777	0.00000205	0.000117	0.000336	0.00131	0
2076 Nov	0.0327	0.00000638	1.26	4.71	0.025	0.000525	6.58	0.00306	0.0234	0.000132	0.000179	0.000104	0.0777	0.00000205	0.000117	0.000335	0.00131	0
2076 Dec	0.0327	0.00000638	1.26	4.71	0.025	0.000525	6.58	0.00306	0.0234	0.000132	0.000179	0.000104	0.0777	0.00000205	0.000117	0.000335	0.00131	0
2077 Jan	0.0327	0.00000638	1.26	4.71	0.025	0.000525	6.58	0.00306	0.0234	0.000132	0.000179	0.000104	0.0777	0.00000205	0.000117	0.000335	0.00131	0
2077 Feb	0.0327	0.00000638	1.26	4.71	0.025	0.000525	6.58	0.00306	0.0234	0.000132	0.000179	0.000104	0.0777	0.00000205	0.000117	0.000335	0.00131	0
2077 Mar	0.0327	0.00000638	1.26	4.71	0.0251	0.000525	6.58	0.00306	0.0234	0.000132	0.000179	0.000104	0.0777	0.00000205	0.000117	0.000335	0.00131	0
2077 Apr	0.0327	0.00000638	1.26	4.71	0.0251	0.000525	6.58	0.00306	0.0234	0.000132	0.000179	0.000104	0.0777	0.00000205	0.000117	0.000336	0.00131	0
2077 May	0.0328	0.00000639	1.26	4.71	0.0251	0.000526	6.58	0.00306	0.0234	0.000133	0.000179	0.000105	0.0779	0.00000205	0.000117	0.000337	0.00131	0
2077 Jun	0.0329	0.00000639	1.26	4.7	0.0254	0.000523	6.56	0.00305	0.0235	0.000135	0.000179	0.000104	0.078	0.00000204	0.000116	0.000339	0.00131	0
2077 Jul	0.0331	0.00000642	1.26	4.72	0.0255	0.000525	6.58	0.00306	0.0236	0.000136	0.00018	0.000105	0.0783	0.00000205	0.000117	0.000341	0.00131	0
2077 Aug	0.0332	0.00000645	1.27	4.74	0.0256	0.000528	6.61	0.00308	0.0237	0.000136	0.000181	0.000105	0.0786	0.00000206	0.000117	0.000342	0.00132	0
2077 Sep	0.0332	0.00000645	1.26	4.73	0.0255	0.000528	6.59	0.00307	0.0237	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.000341	0.00132	0
2077 Oct	0.0332	0.00000645	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0237	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.00034	0.00131	0
2077 Nov	0.0332	0.00000646	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0238	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.00034	0.00132	0
2077 Dec	0.0332	0.00000646	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0238	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.00034	0.00132	0
2078 Jan	0.0332	0.00000646	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0238	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.00034	0.00132	0
2078 Feb	0.0332	0.00000646	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0238	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.00034	0.00132	0
2078 Mar	0.0332	0.00000646	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0238	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.00034	0.00132	0
2078 Apr	0.0332	0.00000646	1.26	4.73	0.0255	0.000529	6.59	0.00307	0.0238	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.000341	0.00132	0
2078 May	0.0334	0.00000647	1.27	4.74	0.0257	0.000528	6.59	0.00307	0.0239	0.000137	0.00018	0.000105	0.0788	0.00000205	0.000117	0.000343	0.00132	0
2078 Jun	0.0336	0.00000647	1.26	4.73	0.026	0.000526	6.57	0.00306	0.0239	0.00014	0.00018	0.000105	0.0789	0.00000204	0.000117	0.000346	0.00131	0
2078 Jul	0.0337	0.0000065	1.27	4.75	0.0261	0.000528	6.59	0.00308	0.024	0.00014	0.000181	0.000105	0.0793	0.00000205	0.000118	0.000347	0.00132	0
2078 Aug	0.0338	0.00000652	1.27	4.76	0.0261	0.00053	6.61	0.00309	0.0241	0.00014	0.000182	0.000106	0.0795	0.00000206	0.000118	0.000348	0.00132	0
2078 Sep	0.0338	0.00000654	1.27	4.77	0.0261	0.000531	6.61	0.00309	0.0242	0.00014	0.000182	0.000106	0.0796	0.00000206	0.000118	0.000348	0.00132	0
2078 Oct	0.0338	0.00000654	1.27	4.76	0.0261	0.000531	6.6	0.00309	0.0242	0.00014	0.000182	0.000106	0.0795	0.00000206	0.000118	0.000348	0.00132	0
2078 Nov	0.0339	0.00000655	1.27	4.76	0.0261	0.000531	6.6	0.00309	0.0242	0.00014	0.000181	0.000106	0.0795	0.00000206	0.000118	0.000347	0.00132	0
2078 Dec	0.0339	0.00000655	1.27	4.76	0.0261	0.000531	6.6	0.00309	0.0242	0.00014	0.000181	0.000106	0.0795	0.00000206	0.000118	0.000347	0.00132	0
2079 Jan	0.0339	0.00000655	1.27	4.76	0.0261	0.000531	6.6	0.00309	0.0242	0.00014	0.000181	0.000106	0.0795	0.00000206	0.000118	0.000347	0.00132	0
2079 Feb	0.0339	0.00000655	1.27	4.76	0.0261	0.000531	6.6	0.00309	0.0242	0.00014	0.000181	0.000106	0.0795	0.00000206	0.000118	0.000348	0.00132	0
2079 Mar	0.0339	0.00000655	1.27	4.76	0.0261	0.000531	6.6	0.00309	0.0242	0.00014	0.000181	0.000106	0.0795	0.00000206	0.000118	0.000348	0.00132	0
2079 Apr	0.0339	0.00000655	1.27	4.76	0.0261	0.000532	6.61	0.00309	0.0242	0.00014	0.000182	0.000106	0.0796	0.00000206	0.000118	0.000348	0.00132	0
2079 May	0.0339	0.00000656	1.27	4.77	0.0262	0.000532	6.61	0.00309	0.0243	0.00014	0.000182	0.000106	0.0797	0.00000206	0.000118	0.000348	0.00133	0
2079 Jun	0.0339	0.00000655	1.27	4.75	0.0261	0.00053	6.57	0.00308	0.0243	0.00014	0.000182	0.000105	0.0794	0.00000205	0.000118	0.000349	0.00132	0
2079 Jul	0.0339	0.00000657	1.27	4.76	0.0261	0.00053	6.57	0.00308	0.0243	0.00014	0.000182	0.000105	0.0795	0.00000205	0.000118	0.000349	0.00133	0
2079 Aug	0.034	0.0000066	1.27	4.77	0.0262	0.000532	6.6	0.00309	0.0244	0.000141	0.000183	0.000106	0.0797	0.00000206	0.000119	0.00035	0.00133	0
2079 Sep	0.034	0.00000661	1.27	4.77	0.0262	0.000533	6.59	0.00309	0.0245	0.00014	0.000183	0.000106	0.0797	0.00000205	0.000119	0.00035	0.00133	0
2079 Oct	0.034	0.00000661	1.27	4.77	0.0262	0.000533	6.58	0.00309	0.0245	0.00014	0.000182	0.000106	0.0797	0.00000205	0.000118	0.000349	0.00133	0
2079 Nov	0.034	0.00000661	1.27	4.76	0.0261	0.000533	6.58	0.00309	0.0245	0.00014	0.000182	0.000106	0.0796	0.00000205	0.000118	0.000349	0.00133	0
2079 Dec	0.034	0.00000661	1.27	4.76	0.0261	0.000533	6.57	0.00309	0.0245	0.00014	0.000182	0.000106	0.0796	0.00000205	0.000118	0.000349	0.00133	0
2080 Jan	0.034	0.00000661	1.27	4.76	0.0261	0.000533	6.57	0.00309	0.0245	0.00014	0.000182	0.000106	0.0796	0.00000205	0.000118	0.000349	0.00133	0
2080 Feb	0.034	0.00000661	1.27	4.76	0.0261	0.000533	6.57	0.00309	0.0245	0.00014	0.000182	0.000106	0.0796	0.00000205	0.000118	0.000349	0.00133	0
2080 Mar	0.034	0.00000661	1.27	4.76	0.0261	0.000533	6.57	0.00309	0.0245	0.00014	0.000182	0.000106	0.0796	0.00000205	0.000118	0.000349	0.00133	0
2080 Apr	0.034	0.00000661	1.27	4.76	0.0261	0.000533	6.58	0.00309	0.0245	0.00014	0.000182	0.000106	0.0797	0.00000205	0.000118	0.000349	0.00133	0
2080 May	0.0341	0.00000662	1.27	4.77	0.0262	0.000534	6.59	0.00309	0.0246	0.00014	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	0
2080 Jun	0.034	0.00000662	1.27	4.76	0.0261	0.000533	6.57	0.00309	0.0246	0.00014	0.000183	0.000106	0.0796	0.00000205	0.000119	0.00035	0.00133	0
2080 Jul	0.0341	0.00000664	1.27	4.77	0.0262	0.000533	6.57	0.0031	0.0246	0.00014	0.000183	0.000106	0.0797	0.00000205	0.000119	0.00035	0.00133	0
2080 Aug	0.0342	0.00000667	1.27	4.78	0.0262	0.000535	6.58	0.0031	0.0247	0.00014	0.000184	0.000106	0.0799	0.00000205	0.000119	0.000351	0.00133	0
2080 Sep	0.0341	0.00000667	1.27	4.78	0.0262	0.000536	6.58	0.0031	0.0247	0.00014	0.000184	0.000106	0.0799	0.00000205	0.000119	0.00035	0.00133	0
2080 Oct	0.0341	0.00000668	1.27	4.78	0.0262	0.000536	6.57	0.0031	0.0248	0.000139	0.000183	0.000106	0.0799	0.00000205	0.000119	0.00035	0.00133	0
2080 Nov	0.0341	0.00000668	1.27	4.78	0.0261	0.000536	6.57	0.0031	0.0248	0.000139	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	0
2080 Dec	0.0341	0.00000668	1.27	4.78	0.0261	0.000536	6.57	0.0031	0.0248	0.000139	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	0
2081 Jan	0.0341	0.00000668	1.27	4.78	0.0261	0.000536	6.57	0.0031	0.0248	0.000139	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	0
2081 Feb	0.0341	0.00000668	1.27	4.78	0.0261	0.000536	6.57	0.0031	0.0248	0.000139	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	0
2081 Mar	0.0341	0.00000668	1.27	4.78	0.0261	0.000536	6.57	0.0031	0.0248	0.000139	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	0
2081 Apr	0.0342	0.00000668	1.27	4.78	0.0262	0.000536	6.57	0.0031	0.0248	0.000139	0.000183	0.000106	0.0799	0.00000205	0.000119	0.00035	0.00133	0
2081 May	0.0343	0.00000669	1.27	4.78	0.0263	0.000536	6.57	0.0031	0.0248	0.00014	0.000183	0.000106	0.08	0.00000205	0.000119	0.000351	0.00133	0
2081 Jun	0.0343	0.00000669	1.27	4.78	0.0264	0.000535	6.56	0.0031	0.0249	0.000141	0.000184	0.000106	0.0801	0.00000205	0.000119	0.000353	0.00133	0
2081 Jul	0.0345	0.00000673	1.28	4.8	0.0265	0.000538	6.59	0.00312	0.025	0.000142	0.000185	0.000106	0.0805	0.00000206	0.00012	0.000354	0.00134	0
2081 Aug	0.0347	0.00000676	1.28	4.82	0.0266	0.000541	6.62	0.00313	0.0251	0.000142	0.000185	0.000107	0.0808	0.00000207	0.00012	0.000356	0.00135	0
2081 Sep	0.0347	0.00000677	1.28	4.83	0.0266	0.000541	6.62	0.00313	0.0252	0.000142	0.000185	0.000107	0.0809	0.00000207	0.00012	0.000356	0.00135	0
2081 Oct	0.0347	0.00000678	1.28	4.83	0.0266	0.000542	6.62	0.00313	0.0252	0.000142	0.000185	0.000107	0.0809	0.00000207	0.00012	0.000356	0.00135	0
2081 Nov	0.0347	0.00000677	1.28	4.82	0.0266	0.000542	6.61	0.00313	0.0252	0.000142	0.000185	0.000107	0.0808	0.00000206	0.00012	0.000355	0.00134	0
2081 Dec	0.0347	0.00000678	1.28	4.82	0.0266	0.000542	6.61	0.00313	0.0252	0.000142	0.000185	0.000107	0.0808	0.00000206	0.00012	0.000355	0.00134	0
2082 Jan	0.0347	0.00000678	1.28	4.82	0.0266	0.000542	6.61	0.00313	0.0252	0.000142	0.000185	0.000107	0.0808	0.00000206	0.00012	0.000355	0.00134	0
2082 Feb	0.0347	0.00000678	1.28	4.82	0.0266	0.000542	6.61	0.00313	0.0252	0.000142	0.000185	0.000107	0.0808	0.00000206	0.00012	0.000355	0.00134	0
2082 Mar	0.0347	0.00000678	1.28	4.82	0.0266	0.000542	6.61	0.00313	0.0252	0.000142	0.000185	0.000107	0.0808	0.00000206	0.00012	0.000355	0.00134	0
2082 Apr	0.0347	0.00000678	1.28	4.82	0.0266	0.000542	6.61	0.00313	0.0252	0.000142	0.000185	0.000107	0.0808	0.00000207	0.00012	0.000355	0.00134	0
2082 May	0.0347	0.00000679	1.28	4.83	0.0266	0.000543	6.62	0.00313	0.0252	0.000142	0.000185	0.000107	0.0809	0.00000207	0.00012	0.000356	0.00135	0

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.0346	0.00000678	1.28	4.8	0.0265	0.000539	6.57	0.00312	0.0253	0.000141	0.000185	0.000106	0.0805	0.00000206	0.00012	0.000356	0.00135	0
2082 Jul	0.0346	0.0000068	1.28	4.8	0.0265	0.000539	6.56	0.00312	0.0253	0.000141	0.000186	0.000106	0.0804	0.00000206	0.00012	0.000356	0.00135	0
2082 Aug	0.0347	0.00000682	1.28	4.81	0.0265	0.000541	6.58	0.00313	0.0254	0.000141	0.000186	0.000107	0.0807	0.00000206	0.00012	0.000357	0.00135	0
2082 Sep	0.0348	0.00000684	1.28	4.82	0.0266	0.000542	6.58	0.00313	0.0254	0.000141	0.000187	0.000107	0.0808	0.00000206	0.000121	0.000357	0.00135	0
2082 Oct	0.0347	0.00000683	1.28	4.81	0.0265	0.000542	6.57	0.00313	0.0254	0.000141	0.000186	0.000106	0.0807	0.00000206	0.00012	0.000356	0.00135	0
2082 Nov	0.0347	0.00000683	1.28	4.81	0.0265	0.000542	6.57	0.00313	0.0255	0.000141	0.000186	0.000106	0.0807	0.00000206	0.00012	0.000356	0.00135	0
2082 Dec	0.0347	0.00000684	1.28	4.81	0.0265	0.000542	6.57	0.00313	0.0255	0.000141	0.000186	0.000106	0.0807	0.00000206	0.00012	0.000356	0.00135	0
2083 Jan	0.0347	0.00000684	1.28	4.81	0.0265	0.000542	6.57	0.00313	0.0255	0.000141	0.000186	0.000106	0.0807	0.00000206	0.00012	0.000356	0.00135	0
2083 Feb	0.0347	0.00000684	1.28	4.81	0.0265	0.000542	6.57	0.00313	0.0255	0.000141	0.000186	0.000106	0.0807	0.00000206	0.00012	0.000356	0.00135	0
2083 Mar	0.0347	0.00000684	1.28	4.81	0.0265	0.000542	6.57	0.00313	0.0255	0.000141	0.000186	0.000106	0.0807	0.00000206	0.00012	0.000356	0.00135	0
2083 Apr	0.0347	0.00000684	1.28	4.81	0.0265	0.000542	6.57	0.00313	0.0255	0.000141	0.000186	0.000106	0.0807	0.00000206	0.00012	0.000356	0.00135	0
2083 May	0.0349	0.00000685	1.28	4.82	0.0267	0.000542	6.58	0.00313	0.0256	0.000142	0.000186	0.000107	0.081	0.00000206	0.000121	0.000359	0.00135	0
2083 Jun	0.0351	0.00000685	1.28	4.8	0.0269	0.000539	6.55	0.00312	0.0256	0.000145	0.000186	0.000106	0.0811	0.00000205	0.00012	0.000361	0.00135	0
2083 Jul	0.0352	0.00000687	1.28	4.82	0.027	0.000541	6.56	0.00313	0.0257	0.000145	0.000187	0.000107	0.0813	0.00000206	0.00012	0.000362	0.00135	0
2083 Aug	0.0353	0.0000069	1.28	4.83	0.027	0.000542	6.57	0.00314	0.0258	0.000145	0.000187	0.000107	0.0814	0.00000206	0.000121	0.000363	0.00136	0
2083 Sep	0.0353	0.0000069	1.28	4.83	0.027	0.000543	6.57	0.00314	0.0258	0.000145	0.000187	0.000107	0.0814	0.00000206	0.000121	0.000362	0.00136	0
2083 Oct	0.0352	0.0000069	1.28	4.82	0.0269	0.000542	6.55	0.00313	0.0258	0.000144	0.000187	0.000106	0.0813	0.00000205	0.000121	0.000361	0.00135	0
2083 Nov	0.0352	0.0000069	1.28	4.81	0.0269	0.000542	6.54	0.00313	0.0258	0.000144	0.000186	0.000106	0.0812	0.00000205	0.000121	0.000361	0.00135	0
2083 Dec	0.0352	0.0000069	1.28	4.81	0.0269	0.000542	6.54	0.00313	0.0259	0.000144	0.000186	0.000106	0.0812	0.00000205	0.000121	0.000361	0.00135	0
2084 Jan	0.0352	0.0000069	1.28	4.81	0.0269	0.000542	6.54	0.00313	0.0259	0.000144	0.000186	0.000106	0.0812	0.00000205	0.000121	0.000361	0.00135	0
2084 Feb	0.0352	0.0000069	1.28	4.81	0.0269	0.000542	6.54	0.00313	0.0259	0.000144	0.000186	0.000106	0.0812	0.00000205	0.000121	0.000361	0.00135	0
2084 Mar	0.0352	0.0000069	1.28	4.81	0.0269	0.000542	6.54	0.00313	0.0259	0.000144	0.000186	0.000106	0.0812	0.00000205	0.000121	0.000361	0.00135	0
2084 Apr	0.0352	0.0000069	1.28	4.82	0.0269	0.000543	6.55	0.00313	0.0259	0.000144	0.000187	0.000106	0.0813	0.00000205	0.000121	0.000361	0.00135	0
2084 May	0.0354	0.00000692	1.28	4.82	0.0271	0.000543	6.56	0.00313	0.0259	0.000146	0.000187	0.000107	0.0815	0.00000205	0.000121	0.000363	0.00135	0
2084 Jun	0.0355	0.00000691	1.28	4.81	0.0272	0.000541	6.53	0.00312	0.0259	0.000147	0.000187	0.000106	0.0815	0.00000204	0.00012	0.000365	0.00135	0
2084 Jul	0.0356	0.00000694	1.28	4.83	0.0273	0.000543	6.55	0.00313	0.026	0.000148	0.000188	0.000107	0.0818	0.00000205	0.000121	0.000366	0.00136	0
2084 Aug	0.0357	0.00000696	1.29	4.84	0.0274	0.000544	6.57	0.00314	0.0261	0.000148	0.000188	0.000107	0.082	0.00000206	0.000121	0.000367	0.00136	0
2084 Sep	0.0357	0.00000697	1.29	4.84	0.0274	0.000545	6.56	0.00314	0.0262	0.000148	0.000188	0.000107	0.082	0.00000205	0.000121	0.000367	0.00136	0
2084 Oct	0.0357	0.00000697	1.29	4.84	0.0273	0.000545	6.55	0.00314	0.0262	0.000147	0.000188	0.000107	0.082	0.00000205	0.000121	0.000366	0.00136	0
2084 Nov	0.0357	0.00000697	1.29	4.83	0.0273	0.000545	6.55	0.00314	0.0262	0.000147	0.000188	0.000107	0.0819	0.00000205	0.000121	0.000366	0.00136	0
2084 Dec	0.0357	0.00000697	1.29	4.83	0.0273	0.000545	6.55	0.00314	0.0262	0.000147	0.000188	0.000107	0.0819	0.00000205	0.000121	0.000366	0.00136	0
2085 Jan	0.0357	0.00000697	1.29	4.83	0.0273	0.000545	6.55	0.00314	0.0262	0.000147	0.000188	0.000107	0.0819	0.00000205	0.000121	0.000366	0.00136	0
2085 Feb	0.0357	0.00000697	1.29	4.83	0.0273	0.000545	6.55	0.00314	0.0262	0.000147	0.000188	0.000107	0.0819	0.00000205	0.000121	0.000366	0.00136	0
2085 Mar	0.0357	0.00000697	1.29	4.83	0.0273	0.000545	6.55	0.00314	0.0262	0.000147	0.000188	0.000107	0.082	0.00000205	0.000121	0.000366	0.00136	0
2085 Apr	0.0357	0.00000697	1.29	4.84	0.0273	0.000545	6.55	0.00314	0.0262	0.000147	0.000188	0.000107	0.082	0.00000205	0.000121	0.000366	0.00136	0
2085 May	0.0358	0.00000698	1.29	4.84	0.0275	0.000546	6.56	0.00314	0.0263	0.000148	0.000188	0.000107	0.0822	0.00000205	0.000121	0.000367	0.00136	0
2085 Jun	0.036	0.00000699	1.29	4.85	0.0276	0.000545	6.56	0.00314	0.0263	0.00015	0.000188	0.000107	0.0824	0.00000205	0.000121	0.00037	0.00136	0
2085 Jul	0.0361	0.00000702	1.29	4.86	0.0277	0.000547	6.58	0.00316	0.0264	0.000151	0.000189	0.000108	0.0827	0.00000206	0.000122	0.000371	0.00136	0
2085 Aug	0.0361	0.00000704	1.3	4.87	0.0278	0.000548	6.58	0.00316	0.0265	0.000151	0.000189	0.000108	0.0828	0.00000206	0.000122	0.000371	0.00137	0
2085 Sep	0.0361	0.00000704	1.29	4.86	0.0277	0.000549	6.57	0.00316	0.0265	0.00015	0.000189	0.000108	0.0827	0.00000206	0.000122	0.00037	0.00136	0
2085 Oct	0.0361	0.00000704	1.29	4.86	0.0276	0.000549	6.56	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	0
2085 Nov	0.0361	0.00000704	1.29	4.85	0.0276	0.000549	6.55	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	0
2085 Dec	0.0361	0.00000704	1.29	4.85	0.0276	0.000549	6.55	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	0
2086 Jan	0.0361	0.00000704	1.29	4.85	0.0276	0.000549	6.55	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	0
2086 Feb	0.0361	0.00000704	1.29	4.85	0.0276	0.000549	6.55	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	0
2086 Mar	0.0361	0.00000704	1.29	4.85	0.0276	0.000549	6.55	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	0
2086 Apr	0.0361	0.00000705	1.29	4.86	0.0276	0.000549	6.56	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	0
2086 May	0.0362	0.00000706	1.29	4.86	0.0277	0.000549	6.57	0.00315	0.0266	0.00015	0.000188	0.000107	0.0828	0.00000206	0.000122	0.00037	0.00136	0
2086 Jun	0.0362	0.00000705	1.29	4.85	0.0278	0.000547	6.53	0.00314	0.0266	0.000151	0.000188	0.000107	0.0827	0.00000205	0.000122	0.000371	0.00136	0
2086 Jul	0.0363	0.00000708	1.29	4.86	0.0278	0.000549	6.55	0.00315	0.0267	0.000151	0.000189	0.000107	0.0829	0.00000205	0.000122	0.000372	0.00137	0
2086 Aug	0.0364	0.00000711	1.3	4.87	0.0279	0.00055	6.56	0.00316	0.0268	0.000151	0.00019	0.000108	0.0831	0.00000206	0.000122	0.000373	0.00137	0
2086 Sep	0.0364	0.00000712	1.3	4.87	0.0278	0.000551	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000122	0.000372	0.00137	0
2086 Oct	0.0364	0.00000712	1.29	4.87	0.0278	0.000551	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000122	0.000372	0.00137	0
2086 Nov	0.0364	0.00000712	1.3	4.87	0.0278	0.000551	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000122	0.000372	0.00137	0
2086 Dec	0.0364	0.00000712	1.3	4.87	0.0278	0.000551	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000122	0.000372	0.00137	0
2087 Jan	0.0364	0.00000712	1.3	4.87	0.0278	0.000551	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000122	0.000372	0.00137	0
2087 Feb	0.0364	0.00000713	1.3	4.87	0.0278	0.000551	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000122	0.000372	0.00137	0
2087 Mar	0.0364	0.00000713	1.3	4.87	0.0278	0.000551	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000206	0.000122	0.000372	0.00137	0
2087 Apr	0.0364	0.00000713	1.3	4.87	0.0278	0.000551	6.56	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000206	0.000122	0.000372	0.00137	0
2087 May	0.0365	0.00000713	1.3	4.87	0.0279	0.000552	6.56	0.00316	0.027	0.000151	0.000189	0.000108	0.0832	0.00000206	0.000123	0.000373	0.00137	0
2087 Jun	0.0367	0.00000713	1.3	4.87	0.0281	0.00055	6.55	0.00316	0.027	0.000154	0.00019	0.000108	0.0834	0.00000205	0.000122	0.000376	0.00137	0
2087 Jul	0.0368	0.00000716	1.3	4.89	0.0282	0.000552	6.57	0.00317	0.0271	0.000154	0.00019	0.000108	0.0836	0.00000206	0.000123	0.000376	0.00137	0
2087 Aug	0.0369	0.00000719	1.3	4.91	0.0283	0.000554	6.59	0.00318	0.0272	0.000154	0.000191	0.000108	0.0839	0.00000206	0.000123	0.000377	0.00138	0
2087 Sep	0.037	0.00000721	1.31	4.91	0.0283	0.000555	6.59	0.00319	0.0273	0.000154	0.000191	0.000109	0.0841	0.00000207	0.000123	0.000378	0.00138	0
2087 Oct	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.59	0.00318	0.0273	0.000154	0.000191	0.000108	0.084	0.00000206	0.000123	0.000377	0.00138	0
2087 Nov	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.59	0.00318	0.0273	0.000154	0.000191	0.000108	0.084	0.00000206	0.000123	0.000377	0.00138	0
2087 Dec	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.59	0.00318	0.0273	0.000154	0.000191	0.000108	0.084	0.00000206	0.000123	0.000377	0.00138	0
2088 Jan	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.59	0.00318	0.0273	0.000154	0.000191	0.000108	0.084	0.00000206	0.000123	0.000377	0.00138	0
2088 Feb	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.59	0.00318	0.0273	0.000154	0.000191	0.000108	0.084	0.00000206	0.000123	0.000377	0.00138	0
2088 Mar	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.59	0.00318	0.0273	0.000154	0.000191	0.000108	0.084	0.00000206	0.000123	0.000377	0.00138	0
2088 Apr	0.037	0.00000722	1.31	4.91	0.0283	0.000556	6.59	0.00319	0.0273	0.000154	0.000191	0.000108	0.0841	0.00000207	0.000124	0.000378	0.00138	0
2088 May	0.0371	0.00000723	1.31	4.92	0.0284	0.000557	6.6	0.00319	0.0274	0.000154	0.000191	0.000109	0.0843	0.00000207	0.000124	0.000378	0.00138	0
2088 Jun	0.037	0.00000723	1.31	4.91	0.0283	0.000556	6.59	0.00319	0.0274	0.000154	0.000191	0.000108	0.0841	0.00000207	0.000124	0.000379	0.00138	0
2088 Jul	0.0372	0.00000726	1.31	4.93	0.0284	0.000558	6.61	0.0032	0.0275	0.000155	0.000192	0.000109	0.0844	0.00000207	0.000124	0.00038	0.00139	0
2088 Aug	0.0374	0.0000073	1.32	4.96	0.0286	0.000561	6.64	0.00322	0.0277	0.000155	0.000193	0.000109	0.0848	0.00000208	0.000125	0.000382	0.00139	0
2088 Sep	0.0374	0.00000732	1.32	4.96	0.0286	0.000562	6.65	0.00322	0.0277	0.000155	0.000193	0.00011	0.0849	0.00000209	0.000125	0.000382	0.0014	0
2088 Oct	0.0373	0.00000731	1.32	4.95	0.0285	0.000562	6.63	0.00321	0.0277	0.000155	0.000193	0.000109	0.0848	0.00000208	0.000125	0.000381	0.00139	0

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.0373	0.00000731	1.32	4.95	0.0285	0.000562	6.62	0.00321	0.0277	0.000154	0.000193	0.000109	0.0847	0.00000208	0.000125	0.000381	0.00139	0
2088 Dec	0.0373	0.00000731	1.32	4.95	0.0285	0.000562	6.62	0.00321	0.0277	0.000154	0.000193	0.000109	0.0847	0.00000208	0.000125	0.000381	0.00139	0
2089 Jan	0.0373	0.00000731	1.32	4.95	0.0285	0.000562	6.62	0.00321	0.0277	0.000154	0.000193	0.000109	0.0847	0.00000208	0.000125	0.000381	0.00139	0
2089 Feb	0.0373	0.00000731	1.32	4.95	0.0285	0.000562	6.62	0.00321	0.0277	0.000154	0.000193	0.000109	0.0847	0.00000208	0.000125	0.000381	0.00139	0
2089 Mar	0.0373	0.00000731	1.32	4.95	0.0285	0.000562	6.63	0.00321	0.0277	0.000154	0.000193	0.000109	0.0848	0.00000208	0.000125	0.000381	0.00139	0
2089 Apr	0.0373	0.00000732	1.32	4.95	0.0285	0.000562	6.63	0.00321	0.0278	0.000154	0.000193	0.000109	0.0848	0.00000208	0.000125	0.000381	0.00139	0
2089 May	0.0375	0.00000733	1.32	4.96	0.0286	0.000563	6.64	0.00322	0.0278	0.000155	0.000193	0.000109	0.085	0.00000208	0.000125	0.000382	0.00139	0
2089 Jun	0.0376	0.00000733	1.32	4.96	0.0289	0.000562	6.64	0.00322	0.0279	0.000158	0.000193	0.00011	0.0852	0.00000208	0.000125	0.000385	0.00139	0
2089 Jul	0.0378	0.00000736	1.32	4.98	0.0289	0.000564	6.65	0.00323	0.028	0.000158	0.000194	0.00011	0.0855	0.00000209	0.000125	0.000386	0.0014	0
2089 Aug	0.0379	0.00000739	1.33	4.99	0.029	0.000566	6.67	0.00324	0.0281	0.000158	0.000195	0.00011	0.0858	0.00000209	0.000126	0.000387	0.0014	0
2089 Sep	0.0379	0.00000741	1.33	5	0.029	0.000567	6.67	0.00324	0.0282	0.000158	0.000195	0.00011	0.0858	0.00000209	0.000126	0.000387	0.0014	0
2089 Oct	0.0379	0.0000074	1.32	4.98	0.0289	0.000566	6.65	0.00323	0.0282	0.000157	0.000194	0.00011	0.0856	0.00000209	0.000126	0.000385	0.0014	0
2089 Nov	0.0379	0.0000074	1.32	4.98	0.0289	0.000566	6.65	0.00323	0.0282	0.000157	0.000194	0.00011	0.0856	0.00000209	0.000126	0.000385	0.0014	0
2089 Dec	0.0379	0.0000074	1.32	4.98	0.0289	0.000566	6.65	0.00323	0.0282	0.000157	0.000194	0.00011	0.0856	0.00000209	0.000126	0.000385	0.0014	0
2090 Jan	0.0379	0.0000074	1.32	4.98	0.0289	0.000566	6.65	0.00323	0.0282	0.000157	0.000194	0.00011	0.0856	0.00000209	0.000126	0.000385	0.0014	0
2090 Feb	0.0379	0.0000074	1.32	4.98	0.0289	0.000566	6.65	0.00323	0.0282	0.000157	0.000194	0.00011	0.0856	0.00000209	0.000126	0.000385	0.0014	0
2090 Mar	0.0379	0.0000074	1.32	4.98	0.0289	0.000566	6.65	0.00323	0.0282	0.000157	0.000194	0.00011	0.0856	0.00000209	0.000126	0.000385	0.0014	0
2090 Apr	0.0379	0.00000741	1.32	4.98	0.0289	0.000567	6.65	0.00323	0.0282	0.000157	0.000194	0.00011	0.0857	0.00000209	0.000126	0.000385	0.0014	0
2090 May	0.038	0.00000741	1.33	4.99	0.029	0.000567	6.66	0.00324	0.0282	0.000158	0.000194	0.00011	0.0858	0.00000209	0.000126	0.000386	0.0014	0
2090 Jun	0.0382	0.00000741	1.32	4.97	0.0293	0.000563	6.63	0.00322	0.0283	0.000162	0.000194	0.00011	0.086	0.00000208	0.000125	0.00039	0.0014	0
2090 Jul	0.0383	0.00000744	1.33	4.99	0.0294	0.000565	6.65	0.00323	0.0284	0.000162	0.000195	0.00011	0.0862	0.00000208	0.000126	0.000392	0.0014	0
2090 Aug	0.0383	0.00000745	1.33	4.98	0.0293	0.000565	6.64	0.00323	0.0284	0.000161	0.000195	0.00011	0.0861	0.00000208	0.000126	0.00039	0.0014	0
2090 Sep	0.0383	0.00000745	1.33	4.97	0.0293	0.000565	6.63	0.00322	0.0285	0.000161	0.000194	0.00011	0.0861	0.00000208	0.000126	0.000389	0.0014	0
2090 Oct	0.0382	0.00000744	1.32	4.96	0.0292	0.000565	6.61	0.00322	0.0285	0.00016	0.000193	0.000109	0.0859	0.00000207	0.000125	0.000388	0.0014	0
2090 Nov	0.0382	0.00000744	1.32	4.96	0.0291	0.000565	6.6	0.00321	0.0285	0.00016	0.000193	0.000109	0.0858	0.00000207	0.000125	0.000388	0.0014	0
2090 Dec	0.0382	0.00000744	1.32	4.96	0.0291	0.000565	6.6	0.00321	0.0285	0.00016	0.000193	0.000109	0.0858	0.00000207	0.000125	0.000388	0.0014	0
2091 Jan	0.0382	0.00000744	1.32	4.96	0.0291	0.000565	6.6	0.00321	0.0285	0.00016	0.000193	0.000109	0.0858	0.00000207	0.000125	0.000388	0.0014	0
2091 Feb	0.0382	0.00000744	1.32	4.96	0.0291	0.000565	6.6	0.00321	0.0285	0.00016	0.000193	0.000109	0.0858	0.00000207	0.000125	0.000388	0.0014	0
2091 Mar	0.0382	0.00000744	1.32	4.96	0.0291	0.000565	6.6	0.00321	0.0285	0.00016	0.000193	0.000109	0.0858	0.00000207	0.000125	0.000388	0.0014	0
2091 Apr	0.0382	0.00000745	1.32	4.96	0.0291	0.000565	6.6	0.00322	0.0285	0.00016	0.000193	0.000109	0.0858	0.00000207	0.000125	0.000388	0.0014	0
2091 May	0.0383	0.00000746	1.32	4.97	0.0292	0.000566	6.61	0.00322	0.0285	0.00016	0.000194	0.00011	0.086	0.00000208	0.000125	0.000389	0.0014	0
2091 Jun	0.0384	0.00000746	1.32	4.96	0.0294	0.000564	6.6	0.00321	0.0286	0.000162	0.000194	0.00011	0.0861	0.00000207	0.000125	0.000391	0.0014	0
2091 Jul	0.0386	0.00000749	1.33	4.98	0.0295	0.000567	6.63	0.00323	0.0287	0.000163	0.000195	0.00011	0.0865	0.00000208	0.000126	0.000393	0.0014	0
2091 Aug	0.0386	0.00000751	1.33	4.99	0.0295	0.000567	6.63	0.00323	0.0288	0.000163	0.000195	0.00011	0.0866	0.00000208	0.000126	0.000393	0.0014	0
2091 Sep	0.0386	0.00000752	1.33	4.99	0.0295	0.000568	6.62	0.00323	0.0288	0.000162	0.000194	0.00011	0.0866	0.00000208	0.000126	0.000392	0.0014	0
2091 Oct	0.0386	0.00000752	1.33	4.98	0.0294	0.000568	6.61	0.00322	0.0288	0.000162	0.000194	0.00011	0.0864	0.00000208	0.000126	0.000391	0.0014	0
2091 Nov	0.0385	0.00000751	1.32	4.97	0.0294	0.000567	6.6	0.00322	0.0288	0.000161	0.000194	0.00011	0.0863	0.00000207	0.000126	0.00039	0.0014	0
2091 Dec	0.0385	0.00000751	1.32	4.97	0.0294	0.000567	6.6	0.00322	0.0288	0.000161	0.000194	0.00011	0.0863	0.00000207	0.000126	0.00039	0.0014	0
2092 Jan	0.0385	0.00000751	1.32	4.97	0.0294	0.000567	6.6	0.00322	0.0288	0.000161	0.000194	0.00011	0.0863	0.00000207	0.000126	0.00039	0.0014	0
2092 Feb	0.0385	0.00000751	1.32	4.97	0.0294	0.000567	6.6	0.00322	0.0288	0.000161	0.000194	0.00011	0.0863	0.00000207	0.000126	0.00039	0.0014	0
2092 Mar	0.0385	0.00000751	1.32	4.97	0.0294	0.000568	6.6	0.00322	0.0288	0.000161	0.000194	0.00011	0.0864	0.00000207	0.000126	0.00039	0.0014	0
2092 Apr	0.0386	0.00000752	1.33	4.97	0.0294	0.000568	6.6	0.00322	0.0288	0.000161	0.000194	0.00011	0.0864	0.00000207	0.000126	0.000391	0.0014	0
2092 May	0.0387	0.00000753	1.33	4.98	0.0295	0.000568	6.61	0.00322	0.0289	0.000162	0.000194	0.00011	0.0866	0.00000208	0.000126	0.000392	0.0014	0
2092 Jun	0.0388	0.00000751	1.32	4.95	0.0297	0.000563	6.56	0.0032	0.0289	0.000165	0.000194	0.000109	0.0864	0.00000206	0.000125	0.000394	0.0014	0
2092 Jul	0.0388	0.00000752	1.32	4.96	0.0297	0.000564	6.56	0.00321	0.0289	0.000165	0.000194	0.000109	0.0865	0.00000206	0.000125	0.000395	0.0014	0
2092 Aug	0.039	0.00000756	1.33	4.97	0.0298	0.000566	6.59	0.00322	0.0291	0.000165	0.000195	0.00011	0.0868	0.00000207	0.000126	0.000396	0.0014	0
2092 Sep	0.039	0.00000757	1.33	4.97	0.0298	0.000567	6.58	0.00322	0.0291	0.000165	0.000195	0.00011	0.0868	0.00000207	0.000126	0.000396	0.0014	0
2092 Oct	0.039	0.00000757	1.33	4.97	0.0297	0.000567	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0868	0.00000207	0.000126	0.000395	0.0014	0
2092 Nov	0.039	0.00000757	1.33	4.97	0.0297	0.000567	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0868	0.00000207	0.000126	0.000395	0.0014	0
2092 Dec	0.039	0.00000757	1.33	4.97	0.0297	0.000567	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0868	0.00000207	0.000126	0.000395	0.0014	0
2093 Jan	0.039	0.00000757	1.33	4.97	0.0297	0.000567	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0868	0.00000207	0.000126	0.000395	0.0014	0
2093 Feb	0.039	0.00000757	1.33	4.97	0.0297	0.000567	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0868	0.00000207	0.000126	0.000395	0.0014	0
2093 Mar	0.039	0.00000758	1.33	4.97	0.0297	0.000568	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0868	0.00000207	0.000126	0.000395	0.0014	0
2093 Apr	0.039	0.00000758	1.33	4.97	0.0297	0.000568	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0869	0.00000207	0.000126	0.000395	0.0014	0
2093 May	0.0391	0.00000759	1.33	4.98	0.0299	0.000568	6.59	0.00322	0.0293	0.000165	0.000195	0.00011	0.0871	0.00000207	0.000126	0.000397	0.00141	0
2093 Jun	0.0392	0.00000758	1.33	4.97	0.03	0.000566	6.57	0.00321	0.0293	0.000167	0.000195	0.00011	0.0871	0.00000206	0.000126	0.000398	0.0014	0
2093 Jul	0.0393	0.00000762	1.33	4.99	0.0301	0.000568	6.59	0.00323	0.0294	0.000167	0.000195	0.00011	0.0874	0.00000207	0.000126	0.0004	0.00141	0
2093 Aug	0.0395	0.00000765	1.34	5	0.0302	0.00057	6.61	0.00324	0.0295	0.000168	0.000196	0.00011	0.0876	0.00000208	0.000127	0.000401	0.00141	0
2093 Sep	0.0395	0.00000766	1.34	5	0.0302	0.000571	6.61	0.00324	0.0295	0.000167	0.000196	0.00011	0.0877	0.00000208	0.000127	0.0004	0.00141	0
2093 Oct	0.0394	0.00000765	1.33	4.99	0.03	0.000571	6.59	0.00323	0.0295	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000399	0.00141	0
2093 Nov	0.0394	0.00000764	1.33	4.98	0.03	0.00057	6.58	0.00322	0.0295	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	0
2093 Dec	0.0394	0.00000764	1.33	4.98	0.03	0.00057	6.58	0.00322	0.0295	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	0
2094 Jan	0.0394	0.00000764	1.33	4.98	0.03	0.00057	6.58	0.00322	0.0295	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	0
2094 Feb	0.0394	0.00000764	1.33	4.98	0.03	0.00057	6.58	0.00322	0.0295	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	0
2094 Mar	0.0394	0.00000765	1.33	4.98	0.03	0.00057	6.58	0.00323	0.0296	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	0
2094 Apr	0.0394	0.00000765	1.33	4.98	0.03	0.000571	6.58	0.00323	0.0296	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	0
2094 May	0.0395	0.00000765	1.33	4.99	0.0301	0.00057	6.59	0.00323	0.0296	0.000168	0.000195	0.00011	0.0876	0.00000207	0.000126	0.0004	0.00141	0
2094 Jun	0.0398	0.00000767	1.34	4.99	0.0305	0.00057	6.59	0.00323	0.0297	0.00017	0.000196	0.00011	0.088	0.00000207	0.000126	0.000404	0.00141	0
2094 Jul	0.04	0.00000771	1.34	5.02	0.0306	0.000573	6.62	0.00324	0.0299	0.000171	0.000197	0.000111	0.0884	0.00000208	0.000127	0.000406	0.00142	0
2094 Aug	0.0402	0.00000776	1.35	5.04	0.0308	0.000576	6.66	0.00326	0.03	0.000172	0.000198	0.000111	0.0889	0.00000209	0.000128	0.000407	0.00143	0
2094 Sep	0.0402	0.00000777	1.35	5.04	0.0307	0.000577	6.65	0.00326	0.0301	0.000172	0.000197	0.000111	0.0889	0.00000209	0.000128	0.000407	0.00143	0
2094 Oct	0.0401	0.00000776	1.35	5.03	0.0306	0.000577	6.64	0.00325	0.0301	0.000171	0.000197	0.000111	0.0887	0.00000209	0.000128	0.000406	0.00142	0
2094 Nov	0.0401	0.00000775	1.34	5.02	0.0305	0.000576	6.62	0.00325	0.0301	0.00017	0.000196	0.000111	0.0886	0.00000208	0.000127	0.000405	0.00142	0
2094 Dec	0.0401	0.00000775	1.34	5.02	0.0305	0.000576	6.62	0.00324	0.0301	0.00017	0.000196	0.000111	0.0885	0.00000208	0.000127	0.000404	0.00142	0
2095 Jan	0.0401	0.00000775	1.34	5.02	0.0305	0.000576	6.62	0.00324	0.0301	0.00017	0.000196	0.000111	0.0885	0.00000208	0.000127	0.000405	0.00142	0
2095 Feb	0.0401	0.00000775	1.34	5.02	0.0305	0.000576	6.62	0.00324	0.0301	0.00017	0.000196	0.000111	0.0886	0.00000208	0.000127	0.000405	0.00142	0
2095 Mar	0.0401	0.00000775	1.34	5.02	0.0305	0.000576	6.62	0.00324	0.0301	0.00017	0.000196	0.000111	0.0886	0.00000208	0.000127	0.000405	0.00142	0

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Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0401	0.00000776	1.34	5.02	0.0305	0.000576	6.62	0.00325	0.0301	0.00017	0.000196	0.000111	0.0886	0.00000208	0.000127	0.000405	0.00142	0
2095 May	0.0402	0.00000776	1.35	5.03	0.0306	0.000576	6.63	0.00325	0.0302	0.000171	0.000196	0.000111	0.0887	0.00000208	0.000128	0.000406	0.00142	0
2095 Jun	0.0404	0.00000778	1.35	5.04	0.0308	0.000577	6.64	0.00325	0.0302	0.000172	0.000197	0.000111	0.089	0.00000208	0.000128	0.000408	0.00142	0
2095 Jul	0.0406	0.00000782	1.36	5.06	0.031	0.00058	6.67	0.00327	0.0304	0.000173	0.000198	0.000112	0.0895	0.00000209	0.000128	0.00041	0.00143	0
2095 Aug	0.0406	0.00000783	1.36	5.07	0.031	0.000581	6.67	0.00327	0.0304	0.000173	0.000198	0.000112	0.0895	0.00000209	0.000129	0.00041	0.00143	0
2095 Sep	0.0406	0.00000785	1.36	5.07	0.031	0.000582	6.67	0.00328	0.0305	0.000173	0.000198	0.000112	0.0896	0.0000021	0.000129	0.000409	0.00143	0
2095 Oct	0.0406	0.00000785	1.36	5.07	0.0309	0.000582	6.67	0.00328	0.0305	0.000173	0.000198	0.000112	0.0896	0.0000021	0.000129	0.000409	0.00143	0
2095 Nov	0.0406	0.00000785	1.36	5.06	0.0309	0.000582	6.66	0.00327	0.0305	0.000172	0.000197	0.000112	0.0895	0.00000209	0.000129	0.000409	0.00143	0
2095 Dec	0.0406	0.00000785	1.36	5.06	0.0309	0.000582	6.66	0.00327	0.0305	0.000172	0.000197	0.000112	0.0895	0.00000209	0.000129	0.000409	0.00143	0
2096 Jan	0.0406	0.00000785	1.36	5.06	0.0309	0.000582	6.66	0.00327	0.0305	0.000172	0.000197	0.000112	0.0895	0.00000209	0.000129	0.000409	0.00143	0
2096 Feb	0.0406	0.00000785	1.36	5.06	0.0309	0.000582	6.66	0.00327	0.0305	0.000172	0.000197	0.000112	0.0895	0.00000209	0.000129	0.000409	0.00143	0
2096 Mar	0.0406	0.00000785	1.36	5.06	0.0309	0.000582	6.66	0.00327	0.0305	0.000172	0.000197	0.000112	0.0895	0.00000209	0.000129	0.000409	0.00143	0
2096 Apr	0.0406	0.00000785	1.36	5.06	0.0309	0.000582	6.66	0.00327	0.0306	0.000172	0.000198	0.000112	0.0896	0.00000209	0.000129	0.000409	0.00143	0
2096 May	0.0407	0.00000786	1.36	5.07	0.0311	0.000582	6.67	0.00327	0.0306	0.000173	0.000198	0.000112	0.0898	0.0000021	0.000129	0.00041	0.00143	0
2096 Jun	0.0408	0.00000785	1.35	5.04	0.0312	0.000578	6.63	0.00326	0.0306	0.000175	0.000198	0.000111	0.0895	0.00000208	0.000128	0.000412	0.00143	0
2096 Jul	0.0409	0.00000788	1.36	5.06	0.0312	0.00058	6.64	0.00327	0.0307	0.000175	0.000198	0.000112	0.0898	0.00000209	0.000128	0.000413	0.00143	0
2096 Aug	0.0411	0.00000791	1.36	5.08	0.0314	0.000582	6.67	0.00328	0.0308	0.000176	0.000199	0.000112	0.0902	0.0000021	0.000129	0.000415	0.00144	0
2096 Sep	0.041	0.00000792	1.36	5.08	0.0313	0.000583	6.66	0.00328	0.0309	0.000175	0.000199	0.000112	0.0901	0.0000021	0.000129	0.000414	0.00144	0
2096 Oct	0.0409	0.00000791	1.36	5.06	0.0312	0.000582	6.64	0.00327	0.0309	0.000174	0.000198	0.000112	0.0899	0.00000209	0.000129	0.000413	0.00143	0
2096 Nov	0.0409	0.00000791	1.36	5.06	0.0312	0.000582	6.64	0.00327	0.0309	0.000174	0.000198	0.000112	0.0899	0.00000209	0.000129	0.000413	0.00143	0
2096 Dec	0.0409	0.00000791	1.36	5.06	0.0312	0.000582	6.64	0.00327	0.0309	0.000174	0.000198	0.000112	0.0899	0.00000209	0.000129	0.000413	0.00143	0
2097 Jan	0.0409	0.00000791	1.36	5.06	0.0312	0.000582	6.64	0.00327	0.0309	0.000174	0.000198	0.000112	0.0899	0.00000209	0.000129	0.000413	0.00143	0
2097 Feb	0.0409	0.00000791	1.36	5.06	0.0312	0.000582	6.64	0.00327	0.0309	0.000174	0.000198	0.000112	0.0899	0.00000209	0.000129	0.000413	0.00143	0
2097 Mar	0.0409	0.00000791	1.36	5.06	0.0312	0.000582	6.64	0.00327	0.0309	0.000174	0.000198	0.000112	0.0899	0.00000209	0.000129	0.000413	0.00143	0
2097 Apr	0.041	0.00000791	1.36	5.06	0.0312	0.000583	6.64	0.00327	0.0309	0.000174	0.000198	0.000112	0.0899	0.00000209	0.000129	0.000413	0.00143	0
2097 May	0.0411	0.00000793	1.36	5.07	0.0313	0.000583	6.65	0.00328	0.031	0.000175	0.000199	0.000112	0.0901	0.00000209	0.000129	0.000414	0.00144	0
2097 Jun	0.0412	0.00000793	1.36	5.07	0.0314	0.000583	6.65	0.00328	0.031	0.000176	0.000199	0.000112	0.0902	0.00000209	0.000129	0.000415	0.00144	0
2097 Jul	0.0414	0.00000797	1.37	5.1	0.0315	0.000586	6.68	0.00329	0.0311	0.000177	0.0002	0.000112	0.0907	0.0000021	0.00013	0.000417	0.00144	0
2097 Aug	0.0415	0.000008	1.37	5.11	0.0316	0.000588	6.7	0.0033	0.0312	0.000177	0.0002	0.000113	0.0909	0.00000211	0.00013	0.000418	0.00145	0
2097 Sep	0.0415	0.00000802	1.37	5.12	0.0317	0.000589	6.71	0.00331	0.0313	0.000177	0.000201	0.000113	0.0911	0.00000211	0.00013	0.000419	0.00145	0
2097 Oct	0.0415	0.00000802	1.37	5.12	0.0316	0.000589	6.7	0.00331	0.0313	0.000177	0.0002	0.000113	0.091	0.00000211	0.00013	0.000418	0.00145	0
2097 Nov	0.0415	0.00000801	1.37	5.11	0.0316	0.000589	6.7	0.0033	0.0313	0.000177	0.0002	0.000113	0.091	0.00000211	0.00013	0.000418	0.00145	0
2097 Dec	0.0415	0.00000801	1.37	5.11	0.0316	0.000589	6.7	0.0033	0.0313	0.000177	0.0002	0.000113	0.0909	0.00000211	0.00013	0.000418	0.00145	0
2098 Jan	0.0415	0.00000801	1.37	5.11	0.0316	0.000589	6.7	0.0033	0.0313	0.000177	0.0002	0.000113	0.0909	0.00000211	0.00013	0.000418	0.00145	0
2098 Feb	0.0415	0.00000801	1.37	5.11	0.0316	0.000589	6.7	0.0033	0.0313	0.000177	0.0002	0.000113	0.0909	0.00000211	0.00013	0.000418	0.00145	0
2098 Mar	0.0415	0.00000801	1.37	5.11	0.0316	0.000589	6.7	0.0033	0.0313	0.000177	0.0002	0.000113	0.091	0.00000211	0.00013	0.000418	0.00145	0
2098 Apr	0.0415	0.00000802	1.37	5.11	0.0316	0.000589	6.7	0.0033	0.0313	0.000177	0.0002	0.000113	0.091	0.00000211	0.00013	0.000418	0.00145	0
2098 May	0.0416	0.00000802	1.37	5.12	0.0317	0.000589	6.7	0.0033	0.0314	0.000178	0.0002	0.000113	0.0912	0.00000211	0.00013	0.000419	0.00145	0
2098 Jun	0.0416	0.00000799	1.37	5.1	0.0319	0.000586	6.67	0.00329	0.0313	0.00018	0.0002	0.000112	0.091	0.00000209	0.00013	0.000421	0.00144	0
2098 Jul	0.0418	0.00000804	1.37	5.13	0.032	0.000589	6.7	0.00331	0.0315	0.000181	0.000201	0.000113	0.0915	0.0000021	0.00013	0.000423	0.00145	0
2098 Aug	0.0419	0.00000806	1.38	5.14	0.032	0.00059	6.71	0.00332	0.0315	0.000181	0.000201	0.000113	0.0916	0.00000211	0.000131	0.000423	0.00145	0
2098 Sep	0.0418	0.00000805	1.37	5.12	0.0319	0.00059	6.69	0.00331	0.0315	0.000179	0.000201	0.000113	0.0914	0.0000021	0.00013	0.000421	0.00145	0
2098 Oct	0.0417	0.00000804	1.37	5.11	0.0318	0.000589	6.67	0.0033	0.0315	0.000179	0.0002	0.000113	0.0912	0.00000209	0.00013	0.00042	0.00144	0
2098 Nov	0.0417	0.00000804	1.37	5.1	0.0318	0.000589	6.66	0.00329	0.0315	0.000178	0.0002	0.000112	0.0911	0.00000209	0.00013	0.000419	0.00144	0
2098 Dec	0.0417	0.00000804	1.37	5.1	0.0318	0.000589	6.66	0.00329	0.0315	0.000178	0.0002	0.000112	0.0911	0.00000209	0.00013	0.000419	0.00144	0
2099 Jan	0.0417	0.00000804	1.37	5.1	0.0318	0.000589	6.66	0.00329	0.0315	0.000178	0.0002	0.000112	0.0911	0.00000209	0.00013	0.000419	0.00144	0
2099 Feb	0.0417	0.00000804	1.37	5.1	0.0318	0.000589	6.66	0.00329	0.0315	0.000178	0.0002	0.000112	0.0911	0.00000209	0.00013	0.000419	0.00144	0
2099 Mar	0.0417	0.00000804	1.37	5.1	0.0318	0.000589	6.66	0.0033	0.0315	0.000178	0.0002	0.000112	0.0911	0.00000209	0.00013	0.000419	0.00144	0
2099 Apr	0.0417	0.00000805	1.37	5.11	0.0318	0.00059	6.67	0.0033	0.0316	0.000178	0.0002	0.000113	0.0912	0.00000209	0.00013	0.00042	0.00144	0
2099 May	0.0419	0.00000804	1.37	5.11	0.032	0.000588	6.66	0.00329	0.0316	0.00018	0.0002	0.000112	0.0914	0.00000209	0.00013	0.000422	0.00144	0
2099 Jun	0.042	0.00000804	1.37	5.11	0.0322	0.000588	6.65	0.00329	0.0316	0.000182	0.0002	0.000112	0.0915	0.00000209	0.00013	0.000423	0.00144	0
2099 Jul	0.0421	0.00000808	1.37	5.13	0.0323	0.00059	6.68	0.00331	0.0317	0.000182	0.000201	0.000113	0.0919	0.00000209	0.00013	0.000425	0.00145	0
2099 Aug	0.0423	0.00000812	1.38	5.15	0.0324	0.000593	6.7	0.00332	0.0319	0.000183	0.000202	0.000113	0.0922	0.0000021	0.000131	0.000427	0.00145	0
2099 Sep	0.0422	0.00000812	1.38	5.14	0.0323	0.000593	6.69	0.00332	0.0319	0.000182	0.000201	0.000113	0.0921	0.0000021	0.000131	0.000426	0.00145	0
2099 Oct	0.0422	0.00000811	1.38	5.14	0.0322	0.000593	6.68	0.00331	0.0319	0.000181	0.000201	0.000113	0.092	0.0000021	0.000131	0.000425	0.00145	0
2099 Nov	0.0422	0.00000811	1.37	5.13	0.0322	0.000593	6.67	0.00331	0.0319	0.000181	0.000201	0.000113	0.0919	0.00000209	0.000131	0.000424	0.00145	0
2099 Dec	0.0422	0.00000811	1.37	5.13	0.0322	0.000593	6.67	0.00331	0.0319	0.000181	0.000201	0.000113	0.0919	0.00000209	0.000131	0.000424	0.00145	0
2100 Jan	0.0422	0.00000811	1.37	5.13	0.0322	0.000593	6.67	0.00331	0.0319	0.000181	0.000201	0.000113	0.0919	0.00000209	0.000131	0.000424	0.00145	0
2100 Feb	0.0422	0.00000811	1.37	5.13	0.0322	0.000593	6.67	0.00331	0.0319	0.000181	0.000201	0.000113	0.0919	0.00000209	0.000131	0.000424	0.00145	0
2100 Mar	0.0422	0.00000811	1.37	5.13	0.0322	0.000593	6.67	0.00331	0.0319	0.000181	0.000201	0.000113	0.0919	0.00000209	0.000131	0.000424	0.00145	0
2100 Apr	0.0422	0.00000811	1.37	5.13	0.0322	0.000593	6.68	0.00331	0.0319	0.000181	0.000201	0.000113	0.092	0.0000021	0.000131	0.000424	0.00145	0
2100 May	0.0423	0.00000812	1.38	5.14	0.0324	0.000593	6.68	0.00331	0.0319	0.000183	0.000201	0.000113	0.0922	0.0000021	0.000131	0.000426	0.00145	0
2100 Jun	0.0423	0.0000081	1.37	5.12	0.0324	0.00059	6.65	0.0033	0.0319	0.000184	0.000201	0.000113	0.092	0.00000208	0.00013	0.000427	0.00144	0
2100 Jul	0.0424	0.00000812	1.37	5.13	0.0325	0.000591	6.66	0.00331	0.0319	0.000184	0.000201	0.000113	0.0921	0.00000209	0.000131	0.000428	0.00145	0
2100 Aug	0.0424	0.00000813	1.37	5.13	0.0325	0.000591	6.65	0.00331	0.032	0.000183	0.000201	0.000113	0.0921	0.00000209	0.000131	0.000427	0.00145	0
2100 Sep	0.0424	0.00000814	1.37	5.13	0.0324	0.000592	6.65	0.00331	0.032	0.000183	0.000201	0.000113	0.0921	0.00000209	0.000131	0.000427	0.00145	0
2100 Oct	0.0424	0.00000814	1.37	5.13	0.0324	0.000592	6.65	0.00331	0.032	0.000183	0.000201	0.000113	0.0922	0.00000209	0.000131	0.000427	0.00145	0
2100 Nov	0.0424	0.00000815	1.37	5.13	0.0324	0.000593	6.65	0.00331	0.032	0.000183	0.000201	0.000113	0.0922	0.00000209	0.000131	0.000427	0.00145	0
2100 Dec	0.0424	0.00000815	1.37	5.13	0.0324	0.000593	6.65	0.00331	0.032	0.000183	0.000201	0.000113	0.0922	0.00000209	0.000131	0.000427	0.00145	0
2101 Jan	0.0424	0.00000815	1.37	5.13	0.0324	0.000593	6.66	0.00331	0.032	0.000183	0.000201	0.000113	0.0922	0.00000209	0.000131	0.000427	0.00145	0
2101 Feb	0.0424	0.00000815	1.37	5.13	0.0324	0.000593	6.66	0.00331	0.032	0.000183	0.000201	0.000113	0.0922	0.00000209	0.000131	0.000427	0.00145	0
2101 Mar	0.0424	0.00000815	1.37	5.13	0.0324	0.000593	6.66	0.00331	0.032	0.000183	0.000201	0.000113	0.0922	0.00000209	0.000131	0.000427	0.00145	0
2101 Apr	0.0424	0.00000815	1.37	5.13	0.0325	0.000593	6.66	0.00331	0.0321	0.000183	0.000201	0.000113	0.0922	0.00000209	0.000131	0.000427	0.00145	0
2101 May	0.0425	0.00000816	1.38	5.14	0.0326	0.000593	6.66	0.00331	0.0321	0.000184	0.000201	0.000113	0.0924	0.00000209	0.000131	0.000428	0.00145	0
2101 Jun	0.0425	0.00000815	1.37	5.13	0.0326	0.000591	6.65	0.00331	0.0321	0.000185	0.000201	0.000113	0.0923	0.00000208	0.000131	0.000429	0.00145	0
2101 Jul	0.0427	0.00000819	1.38	5.15	0.0328	0.000594	6.67	0.00332	0.0322	0.000185	0.000202	0.000113	0.0927	0.00000209	0.000131	0.000431	0.00145	0
2101 Aug	0.0429	0.00000823	1.39	5.18	0.0329	0.000597	6.7	0.00334	0.0324	0.000186	0.000203	0.000114	0.0931	0.0000021	0.000132	0.000433	0.00146	0

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.0429	0.00000823	1.39	5.18	0.0329	0.000597	6.7	0.00334	0.0324	0.000186	0.000203	0.000114	0.0931	0.0000021	0.000132	0.000432	0.00146	0
2101 Oct	0.0429	0.00000824	1.38	5.17	0.0328	0.000598	6.69	0.00334	0.0324	0.000185	0.000203	0.000114	0.0931	0.0000021	0.000132	0.000432	0.00146	0
2101 Nov	0.0428	0.00000823	1.38	5.17	0.0328	0.000597	6.68	0.00333	0.0324	0.000185	0.000203	0.000114	0.093	0.0000021	0.000132	0.000431	0.00146	0
2101 Dec	0.0428	0.00000823	1.38	5.16	0.0328	0.000597	6.68	0.00333	0.0324	0.000185	0.000202	0.000114	0.093	0.0000021	0.000132	0.000431	0.00146	0
2102 Jan	0.0428	0.00000823	1.38	5.16	0.0328	0.000597	6.68	0.00333	0.0324	0.000185	0.000202	0.000114	0.093	0.0000021	0.000132	0.000431	0.00146	0
2102 Feb	0.0428	0.00000823	1.38	5.16	0.0328	0.000597	6.68	0.00333	0.0324	0.000185	0.000202	0.000114	0.093	0.0000021	0.000132	0.000431	0.00146	0
2102 Mar	0.0428	0.00000823	1.38	5.16	0.0328	0.000597	6.68	0.00333	0.0324	0.000185	0.000202	0.000114	0.093	0.0000021	0.000132	0.000431	0.00146	0
2102 Apr	0.0428	0.00000823	1.38	5.17	0.0328	0.000597	6.69	0.00333	0.0324	0.000185	0.000203	0.000114	0.093	0.0000021	0.000132	0.000431	0.00146	0
2102 May	0.0429	0.00000824	1.39	5.17	0.0328	0.000598	6.69	0.00334	0.0325	0.000185	0.000203	0.000114	0.0931	0.0000021	0.000132	0.000432	0.00146	0
2102 Jun	0.0427	0.00000823	1.38	5.15	0.0327	0.000595	6.65	0.00332	0.0324	0.000184	0.000203	0.000113	0.0927	0.00000209	0.000131	0.000431	0.00146	0
2102 Jul	0.0427	0.00000824	1.38	5.15	0.0326	0.000595	6.65	0.00332	0.0324	0.000184	0.000203	0.000113	0.0926	0.00000209	0.000131	0.000431	0.00146	0
2102 Aug	0.0428	0.00000827	1.38	5.16	0.0327	0.000597	6.66	0.00333	0.0325	0.000184	0.000204	0.000114	0.0929	0.0000021	0.000132	0.000432	0.00146	0
2102 Sep	0.0428	0.00000828	1.38	5.17	0.0327	0.000598	6.67	0.00334	0.0326	0.000184	0.000204	0.000114	0.0929	0.0000021	0.000132	0.000432	0.00146	0
2102 Oct	0.0427	0.00000826	1.38	5.15	0.0326	0.000597	6.65	0.00333	0.0325	0.000183	0.000203	0.000113	0.0927	0.00000209	0.000132	0.000431	0.00146	0
2102 Nov	0.0427	0.00000826	1.38	5.15	0.0326	0.000597	6.65	0.00333	0.0326	0.000183	0.000203	0.000113	0.0927	0.00000209	0.000132	0.00043	0.00146	0
2102 Dec	0.0427	0.00000827	1.38	5.15	0.0326	0.000597	6.65	0.00333	0.0326	0.000183	0.000203	0.000113	0.0927	0.00000209	0.000132	0.00043	0.00146	0
2103 Jan	0.0427	0.00000827	1.38	5.15	0.0326	0.000597	6.65	0.00333	0.0326	0.000183	0.000203	0.000113	0.0927	0.00000209	0.000132	0.00043	0.00146	0
2103 Feb	0.0427	0.00000827	1.38	5.15	0.0326	0.000597	6.65	0.00333	0.0326	0.000183	0.000203	0.000113	0.0927	0.00000209	0.000132	0.00043	0.00146	0
2103 Mar	0.0427	0.00000827	1.38	5.15	0.0326	0.000597	6.65	0.00333	0.0326	0.000183	0.000203	0.000113	0.0927	0.00000209	0.000132	0.00043	0.00146	0
2103 Apr	0.0428	0.00000827	1.38	5.15	0.0326	0.000597	6.65	0.00333	0.0326	0.000183	0.000203	0.000113	0.0927	0.00000209	0.000132	0.000431	0.00146	0
2103 May	0.0429	0.00000828	1.38	5.16	0.0328	0.000597	6.66	0.00333	0.0326	0.000185	0.000203	0.000114	0.093	0.00000209	0.000132	0.000433	0.00146	0
2103 Jun	0.043	0.00000827	1.38	5.15	0.033	0.000594	6.63	0.00332	0.0326	0.000187	0.000203	0.000113	0.093	0.00000208	0.000131	0.000435	0.00146	0
2103 Jul	0.0431	0.00000829	1.38	5.16	0.033	0.000596	6.64	0.00333	0.0327	0.000187	0.000204	0.000114	0.0932	0.00000209	0.000132	0.000436	0.00146	0
2103 Aug	0.0432	0.00000831	1.38	5.16	0.033	0.000596	6.64	0.00333	0.0328	0.000187	0.000204	0.000114	0.0932	0.00000209	0.000132	0.000435	0.00146	0
2103 Sep	0.0431	0.00000831	1.38	5.16	0.0329	0.000596	6.63	0.00333	0.0328	0.000186	0.000204	0.000113	0.0931	0.00000209	0.000132	0.000434	0.00146	0
2103 Oct	0.043	0.00000829	1.38	5.14	0.0328	0.000596	6.61	0.00332	0.0327	0.000185	0.000203	0.000113	0.0928	0.00000208	0.000132	0.000432	0.00146	0
2103 Nov	0.043	0.00000829	1.37	5.14	0.0328	0.000595	6.61	0.00332	0.0327	0.000185	0.000203	0.000113	0.0928	0.00000208	0.000131	0.000432	0.00146	0
2103 Dec	0.043	0.00000829	1.37	5.14	0.0328	0.000596	6.61	0.00331	0.0327	0.000185	0.000203	0.000113	0.0928	0.00000208	0.000131	0.000432	0.00146	0
2104 Jan	0.043	0.00000829	1.37	5.14	0.0328	0.000596	6.61	0.00331	0.0327	0.000185	0.000203	0.000113	0.0928	0.00000208	0.000131	0.000432	0.00146	0
2104 Feb	0.043	0.00000829	1.37	5.14	0.0328	0.000596	6.61	0.00332	0.0327	0.000185	0.000203	0.000113	0.0928	0.00000208	0.000131	0.000432	0.00146	0
2104 Mar	0.043	0.00000829	1.37	5.14	0.0328	0.000596	6.61	0.00332	0.0327	0.000185	0.000203	0.000113	0.0928	0.00000208	0.000131	0.000432	0.00146	0
2104 Apr	0.043	0.00000829	1.37	5.14	0.0328	0.000596	6.61	0.00332	0.0328	0.000185	0.000203	0.000113	0.0928	0.00000208	0.000132	0.000432	0.00146	0
2104 May	0.0431	0.0000083	1.38	5.14	0.0329	0.000596	6.62	0.00332	0.0328	0.000186	0.000203	0.000113	0.093	0.00000208	0.000132	0.000434	0.00146	0
2104 Jun	0.0432	0.00000828	1.37	5.13	0.0331	0.000594	6.59	0.00331	0.0328	0.000188	0.000203	0.000113	0.093	0.00000207	0.000131	0.000435	0.00145	0
2104 Jul	0.0433	0.00000831	1.38	5.15	0.0331	0.000596	6.61	0.00332	0.0329	0.000188	0.000204	0.000113	0.0932	0.00000208	0.000132	0.000437	0.00146	0
2104 Aug	0.0434	0.00000834	1.38	5.16	0.0332	0.000597	6.62	0.00333	0.033	0.000188	0.000204	0.000114	0.0934	0.00000208	0.000132	0.000437	0.00146	0
2104 Sep	0.0433	0.00000834	1.38	5.16	0.0331	0.000597	6.62	0.00333	0.033	0.000188	0.000204	0.000113	0.0934	0.00000208	0.000132	0.000436	0.00146	0
2104 Oct	0.0432	0.00000833	1.38	5.15	0.033	0.000597	6.6	0.00332	0.0329	0.000187	0.000203	0.000113	0.0932	0.00000208	0.000132	0.000435	0.00146	0
2104 Nov	0.0432	0.00000833	1.38	5.15	0.033	0.000597	6.6	0.00332	0.033	0.000187	0.000203	0.000113	0.0932	0.00000208	0.000132	0.000435	0.00146	0
2104 Dec	0.0432	0.00000833	1.38	5.15	0.033	0.000597	6.6	0.00332	0.033	0.000187	0.000203	0.000113	0.0932	0.00000208	0.000132	0.000435	0.00146	0
2105 Jan	0.0432	0.00000833	1.38	5.15	0.033	0.000597	6.6	0.00332	0.033	0.000187	0.000203	0.000113	0.0932	0.00000208	0.000132	0.000435	0.00146	0
2105 Feb	0.0432	0.00000833	1.38	5.15	0.033	0.000597	6.6	0.00332	0.033	0.000187	0.000203	0.000113	0.0932	0.00000208	0.000132	0.000435	0.00146	0
2105 Mar	0.0432	0.00000833	1.38	5.15	0.033	0.000597	6.6	0.00332	0.033	0.000187	0.000203	0.000113	0.0932	0.00000208	0.000132	0.000435	0.00146	0
2105 Apr	0.0433	0.00000833	1.38	5.15	0.033	0.000597	6.6	0.00332	0.033	0.000187	0.000203	0.000113	0.0932	0.00000208	0.000132	0.000435	0.00146	0
2105 May	0.0434	0.00000834	1.38	5.15	0.0332	0.000597	6.61	0.00332	0.033	0.000188	0.000203	0.000113	0.0934	0.00000208	0.000132	0.000437	0.00146	0
2105 Jun	0.0435	0.00000834	1.38	5.16	0.0333	0.000597	6.61	0.00332	0.0331	0.00019	0.000204	0.000113	0.0936	0.00000208	0.000132	0.000438	0.00146	0
2105 Jul	0.0436	0.00000838	1.38	5.17	0.0334	0.000599	6.63	0.00334	0.0332	0.00019	0.000204	0.000114	0.0939	0.00000208	0.000132	0.00044	0.00146	0
2105 Aug	0.0436	0.00000838	1.38	5.17	0.0334	0.000599	6.62	0.00334	0.0332	0.00019	0.000204	0.000114	0.0938	0.00000208	0.000132	0.000438	0.00146	0
2105 Sep	0.0435	0.00000838	1.38	5.16	0.0332	0.000599	6.6	0.00333	0.0332	0.000189	0.000203	0.000113	0.0936	0.00000208	0.000132	0.000437	0.00146	0
2105 Oct	0.0434	0.00000837	1.38	5.15	0.0331	0.000599	6.59	0.00332	0.0332	0.000188	0.000203	0.000113	0.0934	0.00000207	0.000132	0.000435	0.00145	0
2105 Nov	0.0434	0.00000836	1.38	5.14	0.0331	0.000598	6.58	0.00332	0.0331	0.000187	0.000202	0.000113	0.0933	0.00000207	0.000132	0.000435	0.00145	0
2105 Dec	0.0434	0.00000836	1.38	5.14	0.0331	0.000598	6.58	0.00332	0.0331	0.000187	0.000202	0.000113	0.0933	0.00000207	0.000132	0.000435	0.00145	0
2106 Jan	0.0434	0.00000836	1.38	5.14	0.0331	0.000598	6.58	0.00332	0.0331	0.000187	0.000202	0.000113	0.0933	0.00000207	0.000132	0.000435	0.00145	0
2106 Feb	0.0434	0.00000836	1.38	5.14	0.0331	0.000598	6.58	0.00332	0.0331	0.000187	0.000202	0.000113	0.0933	0.00000207	0.000132	0.000435	0.00145	0
2106 Mar	0.0434	0.00000836	1.38	5.14	0.0331	0.000598	6.58	0.00332	0.0332	0.000187	0.000202	0.000113	0.0933	0.00000207	0.000132	0.000435	0.00145	0
2106 Apr	0.0434	0.00000837	1.38	5.15	0.0331	0.000599	6.58	0.00332	0.0332	0.000187	0.000203	0.000113	0.0934	0.00000207	0.000132	0.000435	0.00145	0
2106 May	0.0435	0.00000838	1.38	5.15	0.0332	0.000599	6.59	0.00332	0.0332	0.000188	0.000203	0.000113	0.0936	0.00000207	0.000132	0.000436	0.00146	0
2106 Jun	0.0435	0.00000836	1.37	5.13	0.0332	0.000596	6.56	0.00331	0.0332	0.000189	0.000203	0.000113	0.0933	0.00000206	0.000132	0.000437	0.00145	0
2106 Jul	0.0436	0.00000839	1.38	5.15	0.0333	0.000598	6.58	0.00332	0.0333	0.000189	0.000204	0.000113	0.0936	0.00000207	0.000132	0.000438	0.00146	0
2106 Aug	0.0436	0.00000841	1.38	5.15	0.0333	0.000599	6.57	0.00332	0.0333	0.000189	0.000204	0.000113	0.0936	0.00000207	0.000132	0.000437	0.00146	0
2106 Sep	0.0435	0.00000841	1.37	5.14	0.0332	0.000598	6.56	0.00332	0.0333	0.000188	0.000203	0.000113	0.0934	0.00000207	0.000132	0.000436	0.00146	0
2106 Oct	0.0435	0.00000841	1.37	5.14	0.0331	0.000599	6.55	0.00332	0.0333	0.000188	0.000203	0.000113	0.0934	0.00000206	0.000132	0.000435	0.00145	0
2106 Nov	0.0435	0.00000841	1.37	5.14	0.0331	0.000599	6.56	0.00332	0.0333	0.000188	0.000203	0.000113	0.0934	0.00000206	0.000132	0.000435	0.00145	0
2106 Dec	0.0435	0.00000841	1.37	5.14	0.0331	0.000599	6.56	0.00332	0.0333	0.000188	0.000203	0.000113	0.0934	0.00000207	0.000132	0.000435	0.00145	0
2107 Jan	0.0435	0.00000841	1.37	5.14	0.0331	0.000599	6.56	0.00332	0.0333	0.000188	0.000203	0.000113	0.0934	0.00000207	0.000132	0.000435	0.00145	0
2107 Feb	0.0435	0.00000841	1.37	5.14	0.0331	0.000599	6.56	0.00332	0.0334	0.000188	0.000203	0.000113	0.0934	0.00000207	0.000132	0.000435	0.00145	0
2107 Mar	0.0435	0.00000841	1.37	5.14	0.0331	0.000599	6.56	0.00332	0.0334	0.000188	0.000203	0.000113	0.0934	0.00000207	0.000132	0.000435	0.00145	0
2107 Apr	0.0435	0.00000841	1.37	5.14	0.0331	0.000599	6.56	0.00332	0.0334	0.000188	0.000203	0.000113	0.0934	0.00000207	0.000132	0.000436	0.00146	0
2107 May	0.0436	0.00000842	1.38	5.14	0.0332	0.000599	6.56	0.00332	0.0334	0.000188	0.000203	0.000113	0.0935	0.00000207	0.000132	0.000436	0.00146	0
2107 Jun	0.0437	0.00000841	1.38	5.14	0.0334	0.000598	6.56	0.00332	0.0334	0.00019	0.000203	0.000113	0.0937	0.00000206	0.000132	0.000439	0.00146	0
2107 Jul	0.0438	0.00000844	1.38	5.16	0.0335	0.000599	6.57	0.00333	0.0335	0.00019	0.000204	0.000113	0.0939	0.00000207	0.000132	0.000439	0.00146	0
2107 Aug	0.044	0.00000847	1.38	5.17	0.0336	0.000601	6.59	0.00334	0.0336	0.000191	0.000204	0.000114	0.0942	0.00000207	0.000133	0.00044	0.00146	0
2107 Sep	0.044	0.00000848	1.38	5.18	0.0336	0.000602	6.59	0.00334	0.0337	0.000191	0.000204	0.000114	0.0942	0.00000207	0.000133	0.00044	0.00146	0
2107 Oct	0.044	0.00000848	1.38	5.17	0.0335	0.000602	6.58	0.00334	0.0337	0.00019	0.000204	0.000114	0.0942	0.00000207	0.000133	0.00044	0.00146	0
2107 Nov	0.0439	0.00000848	1.38	5.17	0.0335	0.000602	6.58	0.00333	0.0337	0.00019	0.000204	0.000114	0.0941	0.00000207	0.000133	0.000439	0.00146	0
2107 Dec	0.0439	0.00000848	1.38	5.17	0.0335	0.000602	6.58	0.00333	0.0337	0.00019	0.000204	0.000114	0.0941	0.00000207	0.000133	0.000439	0.00146	0
2108 Jan	0.0439	0.00000848	1.38	5.17	0.0335	0.000602	6.58	0.00333	0.0337	0.00019	0.000204	0.000114	0.0941	0.00000207	0.000133	0.000439	0.00146	0

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0439	0.00000848	1.38	5.17	0.0335	0.000602	6.58	0.00333	0.0337	0.00019	0.000204	0.000114	0.0942	0.00000207	0.000133	0.000439	0.00146	0
2108 Mar	0.044	0.00000848	1.38	5.17	0.0335	0.000602	6.58	0.00333	0.0337	0.00019	0.000204	0.000114	0.0942	0.00000207	0.000133	0.000439	0.00146	0
2108 Apr	0.044	0.00000849	1.38	5.17	0.0335	0.000603	6.59	0.00334	0.0337	0.00019	0.000204	0.000114	0.0942	0.00000207	0.000133	0.00044	0.00146	0
2108 May	0.0441	0.0000085	1.39	5.18	0.0336	0.000604	6.6	0.00334	0.0338	0.000191	0.000204	0.000114	0.0944	0.00000208	0.000133	0.000441	0.00147	0
2108 Jun	0.044	0.0000085	1.38	5.18	0.0336	0.000603	6.58	0.00334	0.0338	0.00019	0.000204	0.000114	0.0943	0.00000207	0.000133	0.000441	0.00147	0
2108 Jul	0.0442	0.00000854	1.39	5.2	0.0337	0.000606	6.61	0.00336	0.0339	0.000191	0.000205	0.000114	0.0947	0.00000208	0.000134	0.000443	0.00147	0
2108 Aug	0.0444	0.00000858	1.4	5.22	0.0338	0.000609	6.64	0.00337	0.0341	0.000192	0.000206	0.000115	0.0951	0.00000209	0.000134	0.000445	0.00148	0
2108 Sep	0.0444	0.00000859	1.4	5.23	0.0338	0.000609	6.64	0.00337	0.0341	0.000192	0.000206	0.000115	0.0952	0.00000209	0.000134	0.000445	0.00148	0
2108 Oct	0.0443	0.00000857	1.39	5.21	0.0337	0.000608	6.62	0.00336	0.0341	0.000191	0.000206	0.000114	0.0949	0.00000209	0.000134	0.000443	0.00147	0
2108 Nov	0.0443	0.00000857	1.39	5.21	0.0337	0.000608	6.62	0.00336	0.0341	0.000191	0.000205	0.000114	0.0948	0.00000209	0.000134	0.000442	0.00147	0
2108 Dec	0.0443	0.00000857	1.39	5.21	0.0337	0.000608	6.62	0.00336	0.0341	0.00019	0.000205	0.000114	0.0948	0.00000209	0.000134	0.000442	0.00147	0
2109 Jan	0.0443	0.00000857	1.39	5.21	0.0337	0.000608	6.62	0.00336	0.0341	0.000191	0.000205	0.000114	0.0948	0.00000209	0.000134	0.000442	0.00147	0
2109 Feb	0.0443	0.00000857	1.39	5.21	0.0337	0.000608	6.62	0.00336	0.0341	0.000191	0.000205	0.000114	0.0948	0.00000209	0.000134	0.000442	0.00147	0
2109 Mar	0.0443	0.00000858	1.39	5.21	0.0337	0.000609	6.62	0.00336	0.0341	0.000191	0.000206	0.000114	0.0949	0.00000209	0.000134	0.000442	0.00147	0
2109 Apr	0.0443	0.00000858	1.39	5.21	0.0337	0.000609	6.62	0.00336	0.0341	0.000191	0.000206	0.000114	0.0949	0.00000209	0.000134	0.000443	0.00147	0
2109 May	0.0444	0.00000859	1.39	5.22	0.0338	0.000609	6.63	0.00337	0.0341	0.000192	0.000206	0.000115	0.0951	0.00000209	0.000134	0.000444	0.00148	0
2109 Jun	0.0446	0.0000086	1.4	5.23	0.034	0.000609	6.63	0.00337	0.0342	0.000193	0.000206	0.000115	0.0954	0.00000209	0.000134	0.000446	0.00148	0
2109 Jul	0.0447	0.00000863	1.4	5.24	0.0341	0.000611	6.65	0.00338	0.0343	0.000194	0.000207	0.000115	0.0956	0.00000209	0.000135	0.000447	0.00148	0
2109 Aug	0.0448	0.00000866	1.4	5.25	0.0341	0.000612	6.66	0.00339	0.0344	0.000194	0.000207	0.000115	0.0958	0.0000021	0.000135	0.000448	0.00148	0
2109 Sep	0.0448	0.00000866	1.4	5.24	0.0341	0.000613	6.65	0.00338	0.0344	0.000193	0.000207	0.000115	0.0957	0.0000021	0.000135	0.000447	0.00148	0
2109 Oct	0.0447	0.00000864	1.4	5.23	0.0339	0.000612	6.63	0.00337	0.0344	0.000192	0.000206	0.000115	0.0954	0.00000209	0.000135	0.000445	0.00148	0
2109 Nov	0.0447	0.00000864	1.4	5.23	0.0339	0.000612	6.63	0.00337	0.0344	0.000192	0.000206	0.000115	0.0954	0.00000209	0.000135	0.000445	0.00148	0
2109 Dec	0.0447	0.00000864	1.4	5.23	0.0339	0.000612	6.63	0.00337	0.0344	0.000192	0.000206	0.000115	0.0954	0.00000209	0.000135	0.000445	0.00148	0
2110 Jan	0.0447	0.00000864	1.4	5.23	0.0339	0.000612	6.63	0.00337	0.0344	0.000192	0.000206	0.000115	0.0954	0.00000209	0.000135	0.000445	0.00148	0
2110 Feb	0.0447	0.00000864	1.4	5.23	0.0339	0.000612	6.63	0.00337	0.0344	0.000192	0.000206	0.000115	0.0954	0.00000209	0.000135	0.000445	0.00148	0
2110 Mar	0.0447	0.00000864	1.4	5.23	0.0339	0.000612	6.63	0.00337	0.0344	0.000192	0.000206	0.000115	0.0954	0.00000209	0.000135	0.000445	0.00148	0
2110 Apr	0.0447	0.00000865	1.4	5.23	0.0339	0.000612	6.63	0.00337	0.0344	0.000192	0.000206	0.000115	0.0955	0.00000209	0.000135	0.000445	0.00148	0
2110 May	0.0448	0.00000866	1.4	5.23	0.034	0.000612	6.64	0.00338	0.0345	0.000193	0.000206	0.000115	0.0956	0.00000209	0.000135	0.000446	0.00148	0
2110 Jun	0.045	0.00000864	1.4	5.22	0.0343	0.000609	6.62	0.00336	0.0345	0.000196	0.000206	0.000115	0.0958	0.00000208	0.000134	0.00045	0.00148	0
2110 Jul	0.0451	0.00000867	1.4	5.23	0.0344	0.00061	6.63	0.00337	0.0346	0.000197	0.000207	0.000115	0.096	0.00000209	0.000135	0.000451	0.00148	0
2110 Aug	0.045	0.00000865	1.4	5.21	0.0342	0.000609	6.6	0.00336	0.0345	0.000195	0.000206	0.000114	0.0956	0.00000208	0.000134	0.000448	0.00148	0
2110 Sep	0.0448	0.00000863	1.39	5.19	0.034	0.000607	6.57	0.00335	0.0345	0.000194	0.000205	0.000114	0.0952	0.00000207	0.000134	0.000445	0.00147	0
2110 Oct	0.0446	0.00000861	1.38	5.17	0.0338	0.000606	6.54	0.00333	0.0344	0.000192	0.000204	0.000113	0.0949	0.00000206	0.000133	0.000443	0.00146	0
2110 Nov	0.0446	0.00000861	1.38	5.17	0.0338	0.000606	6.54	0.00333	0.0344	0.000192	0.000203	0.000113	0.0948	0.00000206	0.000133	0.000442	0.00146	0
2110 Dec	0.0446	0.00000861	1.38	5.17	0.0338	0.000606	6.54	0.00333	0.0344	0.000192	0.000203	0.000113	0.0948	0.00000206	0.000133	0.000442	0.00146	0
2111 Jan	0.0446	0.00000861	1.38	5.17	0.0338	0.000606	6.54	0.00333	0.0344	0.000192	0.000203	0.000113	0.0948	0.00000206	0.000133	0.000442	0.00146	0
2111 Feb	0.0446	0.00000861	1.38	5.17	0.0338	0.000606	6.54	0.00333	0.0344	0.000192	0.000203	0.000113	0.0948	0.00000206	0.000133	0.000442	0.00146	0
2111 Mar	0.0446	0.00000861	1.38	5.17	0.0338	0.000606	6.54	0.00333	0.0344	0.000192	0.000203	0.000113	0.0948	0.00000206	0.000133	0.000442	0.00146	0
2111 Apr	0.0446	0.00000862	1.38	5.17	0.0338	0.000607	6.54	0.00333	0.0344	0.000192	0.000204	0.000113	0.0949	0.00000206	0.000133	0.000442	0.00146	0
2111 May	0.0447	0.00000863	1.39	5.18	0.0339	0.000607	6.55	0.00334	0.0345	0.000193	0.000204	0.000114	0.095	0.00000207	0.000133	0.000443	0.00146	0
2111 Jun	0.0448	0.00000862	1.39	5.17	0.0341	0.000605	6.54	0.00333	0.0345	0.000195	0.000204	0.000114	0.0951	0.00000206	0.000133	0.000446	0.00146	0
2111 Jul	0.045	0.00000866	1.39	5.2	0.0342	0.000608	6.57	0.00335	0.0346	0.000196	0.000205	0.000114	0.0956	0.00000207	0.000134	0.000448	0.00147	0
2111 Aug	0.045	0.00000867	1.39	5.19	0.0342	0.000608	6.56	0.00335	0.0346	0.000195	0.000205	0.000114	0.0955	0.00000207	0.000134	0.000446	0.00147	0
2111 Sep	0.0449	0.00000867	1.39	5.19	0.0341	0.000609	6.56	0.00334	0.0347	0.000194	0.000204	0.000114	0.0954	0.00000207	0.000134	0.000445	0.00147	0
2111 Oct	0.0448	0.00000866	1.39	5.17	0.034	0.000608	6.54	0.00334	0.0346	0.000194	0.000204	0.000114	0.0952	0.00000206	0.000134	0.000444	0.00146	0
2111 Nov	0.0448	0.00000865	1.38	5.16	0.0339	0.000607	6.52	0.00333	0.0346	0.000193	0.000203	0.000113	0.095	0.00000206	0.000133	0.000443	0.00146	0
2111 Dec	0.0448	0.00000865	1.38	5.16	0.0339	0.000607	6.52	0.00333	0.0346	0.000193	0.000203	0.000113	0.095	0.00000206	0.000133	0.000443	0.00146	0
2112 Jan	0.0448	0.00000865	1.38	5.16	0.0339	0.000607	6.52	0.00333	0.0346	0.000193	0.000203	0.000113	0.095	0.00000206	0.000133	0.000443	0.00146	0
2112 Feb	0.0448	0.00000865	1.38	5.16	0.0339	0.000607	6.52	0.00333	0.0346	0.000193	0.000203	0.000113	0.095	0.00000206	0.000133	0.000443	0.00146	0
2112 Mar	0.0448	0.00000865	1.38	5.16	0.0339	0.000608	6.53	0.00333	0.0346	0.000193	0.000203	0.000113	0.0951	0.00000206	0.000133	0.000443	0.00146	0
2112 Apr	0.0448	0.00000866	1.38	5.17	0.0339	0.000608	6.53	0.00333	0.0347	0.000193	0.000203	0.000113	0.0951	0.00000206	0.000133	0.000443	0.00146	0
2112 May	0.0449	0.00000866	1.39	5.17	0.0341	0.000608	6.54	0.00333	0.0347	0.000194	0.000204	0.000113	0.0953	0.00000206	0.000134	0.000445	0.00146	0
2112 Jun	0.0449	0.00000862	1.38	5.15	0.0342	0.000603	6.49	0.00331	0.0346	0.000196	0.000203	0.000113	0.0951	0.00000205	0.000133	0.000446	0.00146	0
2112 Jul	0.045	0.00000865	1.38	5.16	0.0342	0.000604	6.5	0.00332	0.0347	0.000196	0.000204	0.000113	0.0952	0.00000205	0.000133	0.000447	0.00146	0
2112 Aug	0.0451	0.00000868	1.39	5.17	0.0343	0.000606	6.52	0.00333	0.0348	0.000196	0.000204	0.000114	0.0955	0.00000206	0.000133	0.000448	0.00147	0
2112 Sep	0.0451	0.00000869	1.39	5.17	0.0342	0.000607	6.52	0.00333	0.0348	0.000196	0.000204	0.000113	0.0955	0.00000206	0.000133	0.000447	0.00146	0
2112 Oct	0.0451	0.00000869	1.38	5.16	0.0342	0.000607	6.51	0.00333	0.0348	0.000195	0.000204	0.000113	0.0954	0.00000205	0.000133	0.000446	0.00146	0
2112 Nov	0.0451	0.00000869	1.38	5.16	0.0342	0.000607	6.51	0.00333	0.0349	0.000195	0.000204	0.000113	0.0954	0.00000206	0.000133	0.000446	0.00146	0
2112 Dec	0.0451	0.00000869	1.38	5.16	0.0342	0.000607	6.51	0.00333	0.0349	0.000195	0.000204	0.000113	0.0954	0.00000206	0.000133	0.000446	0.00146	0
2113 Jan	0.0451	0.00000869	1.38	5.16	0.0342	0.000607	6.51	0.00333	0.0349	0.000195	0.000203	0.000113	0.0954	0.00000206	0.000133	0.000446	0.00146	0
2113 Feb	0.0451	0.00000869	1.38	5.16	0.0342	0.000607	6.51	0.00333	0.0349	0.000195	0.000204	0.000113	0.0954	0.00000206	0.000133	0.000446	0.00146	0
2113 Mar	0.0451	0.00000869	1.39	5.16	0.0342	0.000607	6.51	0.00333	0.0349	0.000195	0.000204	0.000113	0.0954	0.00000206	0.000133	0.000446	0.00146	0
2113 Apr	0.0451	0.0000087	1.39	5.17	0.0342	0.000608	6.52	0.00333	0.0349	0.000195	0.000204	0.000113	0.0955	0.00000206	0.000133	0.000447	0.00146	0
2113 May	0.0452	0.00000871	1.39	5.17	0.0343	0.000608	6.52	0.00333	0.035	0.000197	0.000204	0.000114	0.0957	0.00000206	0.000134	0.000448	0.00147	0
2113 Jun	0.0453	0.0000087	1.39	5.17	0.0345	0.000606	6.51	0.00333	0.0349	0.000198	0.000204	0.000113	0.0957	0.00000205	0.000133	0.00045	0.00146	0
2113 Jul	0.0455	0.00000873	1.39	5.19	0.0346	0.000609	6.53	0.00334	0.0351	0.000199	0.000205	0.000114	0.0961	0.00000206	0.000134	0.000451	0.00147	0
2113 Aug	0.0456	0.00000876	1.4	5.2	0.0346	0.00061	6.55	0.00335	0.0352	0.000199	0.000205	0.000114	0.0963	0.00000207	0.000134	0.000452	0.00147	0
2113 Sep	0.0456	0.00000876	1.39	5.2	0.0346	0.000611	6.54	0.00335	0.0352	0.000198	0.000205	0.000114	0.0962	0.00000206	0.000134	0.000451	0.00147	0
2113 Oct	0.0454	0.00000874	1.39	5.17	0.0344	0.000609	6.51	0.00333	0.0351	0.000197	0.000204	0.000113	0.0958	0.00000205	0.000134	0.000448	0.00146	0
2113 Nov	0.0453	0.00000873	1.39	5.17	0.0343	0.000609	6.5	0.00333	0.0351	0.000196	0.000203	0.000113	0.0957	0.00000205	0.000134	0.000448	0.00146	0
2113 Dec	0.0453	0.00000873	1.39	5.17	0.0343	0.000609	6.5	0.00333	0.0351	0.000196	0.000203	0.000113	0.0957	0.00000205	0.000134	0.000448	0.00146	0
2114 Jan	0.0453	0.00000873	1.39	5.17	0.0343	0.000609	6.5	0.00333	0.0351	0.000196	0.000203	0.000113	0.0957	0.00000205	0.000134	0.000448	0.00146	0
2114 Feb	0.0453	0.00000873	1.39	5.17	0.0343	0.000609	6.5	0.00333	0.0351	0.000196	0.000203	0.000113	0.0957	0.00000205	0.000134	0.000448	0.00146	0
2114 Mar	0.0453	0.00000874	1.39	5.17	0.0343	0.000609	6.51	0.00333	0.0351	0.000196	0.000203	0.000113	0.0957	0.00000205	0.000134	0.000448	0.00146	0
2114 Apr	0.0454	0.00000874	1.39	5.17	0.0343	0.000609	6.51	0.00333	0.0351	0.000197	0.000204	0.000113	0.0958	0.00000205	0.000134	0.000448	0.00146	0
2114 May	0.0455	0.00000874	1.39	5.17	0.0345	0.000609	6.51	0.00333	0.0352	0.000198	0.000204	0.000113	0.096	0.00000205	0.000134	0.00045	0.00146	0
2114 Jun	0.0457	0.00000876	1.39	5.18	0.0348	0.000609	6.52	0.00333	0.0353	0.0002	0.000204	0.000114	0.0963	0.00000205	0.000134	0.000453	0.00147	0

Appendix D.2-21: PUM02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.046	0.00000881	1.4	5.21	0.0349	0.000612	6.55	0.00335	0.0355	0.000201	0.000205	0.000114	0.0968	0.00000206	0.000134	0.000455	0.00148	0
2114 Aug	0.0462	0.00000885	1.41	5.23	0.0351	0.000615	6.58	0.00337	0.0356	0.000202	0.000206	0.000115	0.0972	0.00000207	0.000135	0.000457	0.00148	0
2114 Sep	0.0461	0.00000885	1.4	5.22	0.035	0.000615	6.57	0.00336	0.0356	0.000201	0.000206	0.000115	0.0971	0.00000207	0.000135	0.000456	0.00148	0
2114 Oct	0.046	0.00000884	1.4	5.21	0.0348	0.000615	6.55	0.00335	0.0356	0.0002	0.000205	0.000114	0.0969	0.00000207	0.000135	0.000454	0.00148	0
2114 Nov	0.0459	0.00000883	1.4	5.2	0.0347	0.000614	6.54	0.00334	0.0356	0.000199	0.000204	0.000114	0.0967	0.00000206	0.000135	0.000453	0.00147	0
2114 Dec	0.0459	0.00000883	1.4	5.2	0.0347	0.000614	6.54	0.00334	0.0356	0.000199	0.000204	0.000114	0.0967	0.00000206	0.000135	0.000453	0.00147	0
2115 Jan	0.0459	0.00000883	1.4	5.2	0.0347	0.000614	6.54	0.00334	0.0356	0.000199	0.000204	0.000114	0.0967	0.00000206	0.000135	0.000453	0.00147	0
2115 Feb	0.0459	0.00000883	1.4	5.2	0.0347	0.000614	6.54	0.00334	0.0356	0.000199	0.000204	0.000114	0.0967	0.00000206	0.000135	0.000453	0.00147	0
2115 Mar	0.0459	0.00000883	1.4	5.2	0.0347	0.000614	6.54	0.00334	0.0356	0.000199	0.000204	0.000114	0.0967	0.00000206	0.000135	0.000453	0.00147	0
2115 Apr	0.046	0.00000883	1.4	5.2	0.0348	0.000614	6.54	0.00335	0.0356	0.000199	0.000204	0.000114	0.0968	0.00000206	0.000135	0.000453	0.00147	0
2115 May	0.046	0.00000884	1.4	5.2	0.0349	0.000614	6.54	0.00335	0.0357	0.0002	0.000205	0.000114	0.0969	0.00000206	0.000135	0.000454	0.00147	0
2115 Jun	0.0462	0.00000886	1.4	5.22	0.0351	0.000616	6.56	0.00336	0.0358	0.000202	0.000205	0.000115	0.0973	0.00000207	0.000135	0.000456	0.00148	0
2115 Jul	0.0464	0.0000089	1.41	5.24	0.0352	0.000618	6.59	0.00337	0.0359	0.000203	0.000206	0.000115	0.0977	0.00000208	0.000136	0.000458	0.00148	0
2115 Aug	0.0464	0.0000089	1.41	5.24	0.0351	0.000618	6.58	0.00337	0.0359	0.000202	0.000206	0.000115	0.0975	0.00000207	0.000136	0.000457	0.00148	0
2115 Sep	0.0463	0.00000891	1.41	5.24	0.0351	0.000619	6.58	0.00337	0.0359	0.000201	0.000206	0.000115	0.0975	0.00000207	0.000136	0.000456	0.00148	0
2115 Oct	0.0463	0.00000891	1.41	5.23	0.035	0.000619	6.57	0.00337	0.036	0.000201	0.000206	0.000115	0.0975	0.00000207	0.000136	0.000456	0.00148	0
2115 Nov	0.0463	0.00000891	1.41	5.23	0.035	0.000619	6.56	0.00336	0.036	0.000201	0.000205	0.000115	0.0974	0.00000207	0.000135	0.000455	0.00148	0
2115 Dec	0.0463	0.00000891	1.41	5.23	0.035	0.000619	6.56	0.00336	0.036	0.000201	0.000205	0.000115	0.0974	0.00000207	0.000135	0.000455	0.00148	0
2116 Jan	0.0463	0.00000891	1.41	5.23	0.035	0.000619	6.56	0.00336	0.036	0.000201	0.000205	0.000115	0.0974	0.00000207	0.000135	0.000455	0.00148	0
2116 Feb	0.0463	0.00000891	1.41	5.23	0.035	0.000619	6.56	0.00336	0.036	0.000201	0.000205	0.000115	0.0974	0.00000207	0.000135	0.000455	0.00148	0
2116 Mar	0.0463	0.00000891	1.41	5.23	0.035	0.000619	6.57	0.00336	0.036	0.000201	0.000205	0.000115	0.0974	0.00000207	0.000135	0.000455	0.00148	0
2116 Apr	0.0463	0.00000891	1.41	5.23	0.035	0.000619	6.57	0.00337	0.036	0.000201	0.000205	0.000115	0.0975	0.00000207	0.000136	0.000455	0.00148	0
2116 May	0.0465	0.00000892	1.41	5.23	0.0352	0.000619	6.58	0.00337	0.036	0.000202	0.000206	0.000115	0.0977	0.00000207	0.000136	0.000457	0.00148	0
2116 Jun	0.0465	0.00000889	1.4	5.21	0.0353	0.000615	6.54	0.00335	0.0359	0.000204	0.000205	0.000114	0.0975	0.00000206	0.000135	0.000459	0.00148	0
2116 Jul	0.0467	0.00000893	1.41	5.24	0.0354	0.000618	6.57	0.00337	0.0361	0.000205	0.000206	0.000115	0.0979	0.00000207	0.000135	0.000461	0.00148	0
2116 Aug	0.0469	0.00000897	1.41	5.26	0.0355	0.00062	6.59	0.00338	0.0363	0.000205	0.000207	0.000115	0.0983	0.00000208	0.000136	0.000462	0.00149	0
2116 Sep	0.0467	0.00000896	1.41	5.24	0.0354	0.00062	6.57	0.00337	0.0362	0.000204	0.000206	0.000115	0.0981	0.00000207	0.000136	0.00046	0.00149	0
2116 Oct	0.0466	0.00000894	1.41	5.23	0.0353	0.000619	6.55	0.00336	0.0362	0.000203	0.000205	0.000115	0.0978	0.00000207	0.000136	0.000458	0.00148	0
2116 Nov	0.0466	0.00000895	1.41	5.23	0.0352	0.000619	6.55	0.00336	0.0362	0.000203	0.000205	0.000115	0.0978	0.00000207	0.000136	0.000458	0.00148	0
2116 Dec	0.0466	0.00000895	1.41	5.23	0.0352	0.000619	6.55	0.00336	0.0362	0.000203	0.000205	0.000115	0.0978	0.00000207	0.000135	0.000458	0.00148	0
2117 Jan	0.0466	0.00000895	1.41	5.23	0.0352	0.000619	6.55	0.00336	0.0362	0.000203	0.000205	0.000115	0.0978	0.00000207	0.000135	0.000458	0.00148	0
2117 Feb	0.0466	0.00000895	1.41	5.23	0.0352	0.000619	6.55	0.00336	0.0362	0.000203	0.000205	0.000115	0.0978	0.00000207	0.000135	0.000458	0.00148	0
2117 Mar	0.0466	0.00000895	1.41	5.23	0.0352	0.000619	6.55	0.00336	0.0362	0.000203	0.000205	0.000115	0.0978	0.00000207	0.000136	0.000458	0.00148	0
2117 Apr	0.0467	0.00000895	1.41	5.23	0.0353	0.00062	6.56	0.00336	0.0362	0.000203	0.000205	0.000115	0.0978	0.00000207	0.000136	0.000459	0.00148	0
2117 May	0.0467	0.00000896	1.41	5.24	0.0354	0.00062	6.57	0.00337	0.0363	0.000204	0.000206	0.000115	0.098	0.00000207	0.000136	0.00046	0.00148	0
2117 Jun	0.0469	0.00000897	1.41	5.25	0.0356	0.000621	6.57	0.00337	0.0364	0.000205	0.000206	0.000115	0.0983	0.00000207	0.000136	0.000462	0.00148	0
2117 Jul	0.0471	0.00000902	1.42	5.27	0.0357	0.000623	6.6	0.00339	0.0365	0.000206	0.000207	0.000116	0.0987	0.00000208	0.000137	0.000464	0.00149	0
2117 Aug	0.0472	0.00000904	1.42	5.28	0.0358	0.000625	6.62	0.0034	0.0366	0.000206	0.000208	0.000116	0.099	0.00000209	0.000137	0.000465	0.0015	0
2117 Sep	0.0473	0.00000906	1.42	5.29	0.0358	0.000626	6.62	0.0034	0.0367	0.000206	0.000208	0.000116	0.0991	0.00000209	0.000137	0.000465	0.0015	0
2117 Oct	0.0472	0.00000906	1.42	5.28	0.0357	0.000626	6.62	0.0034	0.0367	0.000206	0.000207	0.000116	0.099	0.00000209	0.000137	0.000464	0.00149	0
2117 Nov	0.0472	0.00000905	1.42	5.28	0.0357	0.000626	6.61	0.00339	0.0367	0.000206	0.000207	0.000116	0.0989	0.00000209	0.000137	0.000464	0.00149	0
2117 Dec	0.0472	0.00000905	1.42	5.28	0.0357	0.000626	6.61	0.00339	0.0367	0.000206	0.000207	0.000116	0.0989	0.00000209	0.000137	0.000464	0.00149	0
2118 Jan	0.0472	0.00000905	1.42	5.28	0.0357	0.000626	6.61	0.00339	0.0367	0.000206	0.000207	0.000116	0.0989	0.00000209	0.000137	0.000464	0.00149	0
2118 Feb	0.0472	0.00000905	1.42	5.28	0.0357	0.000626	6.61	0.00339	0.0367	0.000206	0.000207	0.000116	0.0989	0.00000209	0.000137	0.000464	0.00149	0
2118 Mar	0.0472	0.00000905	1.42	5.28	0.0357	0.000626	6.61	0.00339	0.0367	0.000206	0.000207	0.000116	0.0989	0.00000209	0.000137	0.000464	0.00149	0
2118 Apr	0.0472	0.00000906	1.42	5.28	0.0357	0.000626	6.61	0.0034	0.0367	0.000206	0.000207	0.000116	0.099	0.00000209	0.000137	0.000464	0.00149	0
2118 May	0.0473	0.00000905	1.42	5.28	0.0359	0.000626	6.61	0.00339	0.0367	0.000207	0.000207	0.000116	0.0991	0.00000208	0.000137	0.000465	0.00149	0
2118 Jun	0.0474	0.00000903	1.42	5.27	0.036	0.000623	6.59	0.00338	0.0366	0.000209	0.000207	0.000116	0.0991	0.00000207	0.000136	0.000467	0.00149	0
2118 Jul	0.0476	0.00000907	1.43	5.3	0.0362	0.000626	6.63	0.0034	0.0368	0.00021	0.000208	0.000116	0.0996	0.00000208	0.000137	0.000469	0.0015	0
2118 Aug	0.0476	0.00000908	1.43	5.3	0.0361	0.000627	6.62	0.0034	0.0368	0.000209	0.000208	0.000116	0.0995	0.00000208	0.000137	0.000468	0.0015	0
2118 Sep	0.0474	0.00000906	1.42	5.28	0.0359	0.000626	6.59	0.00339	0.0367	0.000208	0.000207	0.000116	0.0991	0.00000208	0.000137	0.000465	0.00149	0
2118 Oct	0.0472	0.00000904	1.42	5.26	0.0358	0.000625	6.57	0.00338	0.0367	0.000207	0.000206	0.000115	0.0988	0.00000207	0.000137	0.000463	0.00148	0
2118 Nov	0.0472	0.00000904	1.42	5.26	0.0357	0.000625	6.57	0.00338	0.0367	0.000206	0.000206	0.000115	0.0988	0.00000207	0.000136	0.000463	0.00148	0
2118 Dec	0.0472	0.00000904	1.42	5.26	0.0357	0.000625	6.57	0.00338	0.0367	0.000206	0.000206	0.000115	0.0988	0.00000207	0.000136	0.000463	0.00148	0
2119 Jan	0.0472	0.00000904	1.42	5.26	0.0357	0.000625	6.57	0.00338	0.0367	0.000206	0.000206	0.000115	0.0988	0.00000207	0.000136	0.000463	0.00148	0
2119 Feb	0.0472	0.00000904	1.42	5.26	0.0357	0.000625	6.57	0.00338	0.0367	0.000206	0.000206	0.000115	0.0988	0.00000207	0.000136	0.000463	0.00148	0
2119 Mar	0.0472	0.00000904	1.42	5.26	0.0357	0.000625	6.57	0.00338	0.0367	0.000206	0.000206	0.000115	0.0988	0.00000207	0.000136	0.000463	0.00148	0
2119 Apr	0.0473	0.00000905	1.42	5.26	0.0358	0.000625	6.57	0.00338	0.0368	0.000207	0.000206	0.000115	0.0989	0.00000207	0.000137	0.000464	0.00149	0
2119 May	0.0474	0.00000904	1.42	5.26	0.036	0.000624	6.57	0.00338	0.0367	0.000208	0.000206	0.000115	0.0991	0.00000207	0.000136	0.000466	0.00148	0
2119 Jun	0.0474	0.00000904	1.42	5.26	0.0361	0.000623	6.56	0.00338	0.0367	0.000209	0.000206	0.000115	0.0991	0.00000206	0.000136	0.000467	0.00148	0
2119 Jul	0.0477	0.00000908	1.42	5.29	0.0362	0.000626	6.59	0.00339	0.0369	0.00021	0.000207	0.000116	0.0995	0.00000207	0.000137	0.000469	0.00149	0
2119 Aug	0.0477	0.00000911	1.43	5.3	0.0363	0.000628	6.6	0.0034	0.037	0.00021	0.000208	0.000116	0.0998	0.00000208	0.000137	0.000469	0.00149	0
2119 Sep	0.0476	0.0000091	1.42	5.29	0.0362	0.000628	6.59	0.00339	0.037	0.000209	0.000207	0.000116	0.0996	0.00000207	0.000137	0.000468	0.00149	0
2119 Oct	0.0476	0.00000909	1.42	5.28	0.0361	0.000627	6.58	0.00339	0.037	0.000208	0.000207	0.000116	0.0994	0.00000207	0.000137	0.000466	0.00149	0
2119 Nov	0.0475	0.00000909	1.42	5.27	0.036	0.000627	6.57	0.00338	0.037	0.000208	0.000206	0.000115	0.0993	0.00000207	0.000137	0.000466	0.00149	0
2119 Dec	0.0475	0.00000909	1.42	5.27	0.036	0.000627	6.57	0.00338	0.037	0.000208	0.000206	0.000115	0.0993	0.00000207	0.000137	0.000466	0.00149	0

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239
Operation (2026-2036): Mean	1840	0.76	2.99	0.0666	903	0.159	416	0.000527	0.000527	0.00000335	0.0103	0.00235	0.244	0.0142	0.00000514	64.8	0.0000664	0.000821	0.000563	0.00449
Operation (2026-2036): Max	2820	1.17	4.78	0.0995	1430	0.204	560	0.000745	0.000745	0.00000436	0.0117	0.00294	0.328	0.0238	0.00000622	87.2	0.0000846	0.00108	0.000739	0.00596
Active Closure (2037-2043): Min	83.3	0.0298	0.096	0.00321	29.4	0.0328	24.9	0.000541	0.000541	0.00000339	0.00333	0.000379	0.0171	0.00836	0.00000493	9.98	0.00000906	0.0000989	0.000118	0.000965
Active Closure (2037-2043): Mean	199	0.0739	0.266	0.00671	80.3	0.0428	56.5	0.00094	0.00094	0.00000479	0.00388	0.000547	0.0352	0.00928	0.00000503	14.8	0.0000137	0.000162	0.000161	0.00125
Active Closure (2037-2043): Max	1640	0.621	2.4	0.0481	714	0.164	434	0.000979	0.000979	0.00000494	0.0107	0.0024	0.247	0.0228	0.00000517	73	0.0000667	0.000894	0.000606	0.00446
Post Closure (2044-2119): Min	84.1	0.0301	0.0862	0.00302	24.5	0.0329	25.2	0.000977	0.000977	0.00000492	0.00334	0.000383	0.0172	0.00849	0.00000502	10.1	0.0000091	0.000102	0.000119	0.000965
Post Closure (2044-2119): Mean	118	0.0445	0.0957	0.00319	27.8	0.0384	47.5	0.000991	0.000991	0.00000501	0.00486	0.000788	0.0268	0.0137	0.00000516	18	0.0000151	0.00021	0.000199	0.00114
Post Closure (2044-2119): Max	137	0.0574	0.105	0.00334	30.9	0.0424	61.8	0.00101	0.00101	0.00000509	0.00599	0.00112	0.0328	0.0185	0.00000527	24	0.0000191	0.00029	0.000272	0.00128
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 May	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239
2029 Jun	1170	0.432	1.86	0.034	543	0.0812	247	0.000387	0.000387	0.00000226	0.00568	0.00136	0.131	0.00868	0.0000031	49.6	0.0000381	0.0006	0.0003	0.00217
2029 Jul	1290	0.541	2.12	0.0574	665	0.13	313	0.000639	0.000639	0.0000038	0.00898	0.00204	0.195	0.0126	0.00000531	41.7	0.0000553	0.000565	0.000475	0.00385
2029 Aug	2070	0.868	3.42	0.0888	1060	0.19	499	0.000442	0.000442	0.00000315	0.0106	0.00267	0.303	0.013	0.00000549	64.8	0.000078	0.000859	0.00068	0.00556
2029 Sep	2260	0.957	3.73	0.0935	1150	0.202	539	0.000421	0.000421	0.00000308	0.0117	0.0028	0.322	0.0138	0.00000554	73.6	0.0000842	0.00096	0.000715	0.00584
2029 Oct	1970	0.84	3.22	0.0778	988	0.176	461	0.000479	0.000479	0.0000032	0.0111	0.0025	0.272	0.0139	0.00000523	68.2	0.0000732	0.000871	0.000611	0.00499
2029 Nov	1610	0.705	2.63	0.065	811	0.151	379	0.000523	0.000523	0.00000329	0.0104	0.00221	0.227	0.0138	0.00000499	56.5	0.000063	0.000729	0.000528	0.0043
2029 Dec	1620	0.707	2.64	0.0652	814	0.152	380	0.000523	0.000523	0.00000329	0.0104	0.00221	0.228	0.0138	0.00000499	56.9	0.0000631	0.000732	0.000529	0.0043
2030 Jan	1620	0.707	2.64	0.0652	814	0.152	380	0.000523	0.000523	0.00000329	0.0104	0.00221	0.228	0.0138	0.00000499	56.9	0.0000631	0.000732	0.000529	0.0043
2030 Feb	1620	0.708	2.64	0.0652	814	0.152	381	0.000523	0.000523	0.00000329	0.0104	0.00222	0.228	0.0138	0.00000499	56.9	0.0000631	0.000732	0.000529	0.0043
2030 Mar	1620	0.708	2.64	0.0652	815	0.152	381	0.000523	0.000523	0.00000329	0.0104	0.00222	0.228	0.0138	0.000005	56.9	0.0000632	0.000733	0.000529	0.00431
2030 Apr	1620	0.709	2.64	0.0653	816	0.152	381	0.000524	0.000524	0.0000033	0.0104	0.00222	0.228	0.0138	0.000005	57	0.0000632	0.000734	0.00053	0.00431
2030 May	1640	0.717	2.68	0.066	825	0.154	386	0.000529	0.000529	0.00000333	0.0105	0.00224	0.231	0.014	0.00000506	57.7	0.000064	0.000743	0.000535	0.00436
2030 Jun	1170	0.507	1.93	0.0527	607	0.115	286	0.000595	0.000595	0.00000354	0.00948	0.00182	0.18	0.0114	0.00000493	38.1	0.000057	0.000553	0.000441	0.00349
2030 Jul	1610	0.668	2.64	0.0698	823	0.151	394	0.000516	0.000516	0.00000333	0.00977	0.00224	0.241	0.0117	0.00000519	51.6	0.0000673	0.000699	0.000557	0.00451
2030 Aug	2010	0.832	3.3	0.0852	1020	0.187	491	0.00046	0.00046	0.00000321	0.0104	0.00264	0.296	0.0129	0.00000548	65.4	0.0000763	0.000852	0.000663	0.00543
2030 Sep	2230	0.931	3.66	0.0943	1140	0.204	546	0.00042	0.00042	0.00000311	0.0113	0.00284	0.328	0.0134	0.00000563	72.2	0.0000846	0.000946	0.000728	0.00596
2030 Oct	1980	0.845	3.24	0.0829	1000	0.183	483	0.000419	0.000419	0.00000298	0.011	0.00256	0.29	0.0132	0.00000519	66.1	0.000077	0.000863	0.000651	0.00532
2030 Nov	1800	0.775	2.93	0.0746	909	0.169	437	0.000457	0.000457	0.00000308	0.0107	0.0024	0.262	0.0133	0.00000507	61.5	0.0000709	0.0008	0.000597	0.00487
2030 Dec	1800	0.775	2.93	0.0747	909	0.169	437	0.000458	0.000458	0.00000308	0.0107	0.0024	0.263	0.0134	0.00000507	61.5	0.0000709	0.0008	0.000598	0.00487
2031 Jan	1800	0.775	2.93	0.0747	909	0.169	437	0.000458	0.000458	0.00000308	0.0107	0.0024	0.263	0.0134	0.00000507	61.5	0.0000709	0.0008	0.000598	0.00487

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	1800	0.775	2.93	0.0747	909	0.169	437	0.000458	0.000458	0.00000308	0.0107	0.0024	0.263	0.0134	0.00000507	61.5	0.0000709	0.0008	0.000598	0.00487
2031 Mar	1800	0.775	2.93	0.0747	910	0.169	438	0.000458	0.000458	0.00000308	0.0107	0.0024	0.263	0.0134	0.00000508	61.6	0.000071	0.000801	0.000598	0.00488
2031 Apr	1810	0.78	2.95	0.0751	915	0.17	440	0.00046	0.00046	0.0000031	0.0108	0.00242	0.264	0.0134	0.0000051	61.9	0.0000713	0.000805	0.000601	0.0049
2031 May	1810	0.776	2.96	0.0731	913	0.164	427	0.000505	0.000505	0.00000329	0.0107	0.00247	0.254	0.0165	0.0000052	64	0.00007	0.000828	0.000636	0.00478
2031 Jun	1100	0.48	1.79	0.0465	560	0.105	256	0.000711	0.000711	0.00000403	0.00934	0.00208	0.159	0.0221	0.00000523	45	0.0000534	0.000623	0.000581	0.00335
2031 Jul	1480	0.628	2.44	0.0621	757	0.134	337	0.000745	0.000745	0.00000436	0.0107	0.00234	0.207	0.0192	0.00000593	51.8	0.0000649	0.000714	0.000607	0.00412
2031 Aug	2490	1.03	4.2	0.0981	1280	0.197	534	0.000465	0.000465	0.00000328	0.0111	0.00282	0.317	0.0144	0.00000567	75.1	0.0000825	0.000973	0.000717	0.00571
2031 Sep	2820	1.17	4.78	0.0995	1430	0.198	552	0.000436	0.000436	0.00000308	0.0112	0.00278	0.315	0.0137	0.00000535	87.2	0.000081	0.00108	0.000668	0.00548
2031 Oct	2330	0.98	3.94	0.0788	1170	0.164	441	0.000541	0.000541	0.00000339	0.0107	0.00241	0.249	0.0142	0.00000515	75.5	0.0000668	0.000918	0.000542	0.00445
2031 Nov	2470	1.03	4.19	0.0817	1240	0.169	459	0.000545	0.000545	0.00000343	0.0108	0.00248	0.257	0.0144	0.00000521	80.4	0.0000683	0.000969	0.000551	0.00453
2031 Dec	2470	1.03	4.2	0.0818	1240	0.169	460	0.000545	0.000545	0.00000343	0.0108	0.00248	0.257	0.0144	0.00000521	80.5	0.0000683	0.000969	0.000551	0.00453
2032 Jan	2470	1.03	4.2	0.0818	1240	0.169	460	0.000545	0.000545	0.00000343	0.0108	0.00248	0.257	0.0144	0.00000521	80.5	0.0000683	0.000969	0.000551	0.00453
2032 Feb	2470	1.04	4.2	0.0818	1240	0.169	460	0.000545	0.000545	0.00000343	0.0108	0.00248	0.257	0.0144	0.00000521	80.5	0.0000683	0.000969	0.000551	0.00453
2032 Mar	2480	1.04	4.2	0.0818	1240	0.169	460	0.000546	0.000546	0.00000343	0.0108	0.00248	0.257	0.0144	0.00000521	80.5	0.0000684	0.00097	0.000551	0.00453
2032 Apr	2480	1.04	4.21	0.0821	1240	0.17	461	0.000547	0.000547	0.00000344	0.0108	0.00249	0.258	0.0144	0.00000523	80.8	0.0000686	0.000973	0.000553	0.00455
2032 May	2540	1.06	4.31	0.084	1270	0.173	472	0.000552	0.000552	0.00000348	0.011	0.00254	0.264	0.0148	0.00000531	82.7	0.0000701	0.000996	0.000568	0.00465
2032 Jun	1350	0.568	2.26	0.0544	692	0.114	293	0.000612	0.000612	0.00000359	0.00931	0.00185	0.179	0.0121	0.00000493	43.7	0.0000564	0.000607	0.000443	0.00339
2032 Jul	1930	0.799	3.26	0.0779	994	0.162	421	0.000508	0.000508	0.00000331	0.00935	0.00237	0.252	0.0123	0.00000523	58	0.0000659	0.000743	0.000571	0.00469
2032 Aug	2460	1.01	4.17	0.0915	1250	0.187	502	0.000509	0.000509	0.0000034	0.0103	0.00268	0.293	0.0136	0.00000556	76	0.0000735	0.000957	0.000633	0.00521
2032 Sep	2440	1.03	4.13	0.0949	1250	0.193	517	0.000453	0.000453	0.00000318	0.011	0.00271	0.306	0.0136	0.00000547	74	0.0000786	0.000953	0.000671	0.00549
2032 Oct	2220	0.952	3.74	0.088	1140	0.182	478	0.000456	0.000456	0.00000314	0.011	0.00256	0.285	0.0136	0.00000529	67.7	0.0000755	0.000878	0.000639	0.00522
2032 Nov	2440	1.03	4.12	0.0915	1240	0.187	502	0.000458	0.000458	0.00000315	0.0112	0.00264	0.294	0.0138	0.00000532	75.2	0.0000771	0.000951	0.000643	0.00527
2032 Dec	2510	1.05	4.24	0.0912	1270	0.185	503	0.000463	0.000463	0.00000316	0.0111	0.00263	0.291	0.0138	0.00000528	78	0.0000763	0.000973	0.000631	0.00518
2033 Jan	2510	1.05	4.24	0.0912	1270	0.185	503	0.000463	0.000463	0.00000316	0.0111	0.00263	0.291	0.0138	0.00000528	78	0.0000763	0.000973	0.000631	0.00518
2033 Feb	2510	1.06	4.25	0.0912	1270	0.186	503	0.000463	0.000463	0.00000316	0.0111	0.00263	0.291	0.0138	0.00000528	78	0.0000763	0.000974	0.000631	0.00518
2033 Mar	2510	1.06	4.25	0.0914	1280	0.186	504	0.000464	0.000464	0.00000316	0.0111	0.00263	0.291	0.0138	0.00000529	78.2	0.0000764	0.000976	0.000633	0.00519
2033 Apr	2540	1.07	4.3	0.0923	1290	0.188	509	0.000469	0.000469	0.00000319	0.0112	0.00266	0.294	0.0139	0.00000534	78.9	0.0000772	0.000985	0.000639	0.00524
2033 May	2040	0.854	3.42	0.071	1020	0.148	400	0.000609	0.000609	0.00000369	0.0101	0.00257	0.229	0.023	0.00000533	73.3	0.0000651	0.000915	0.000689	0.00434
2033 Jun	1350	0.563	2.18	0.0514	669	0.117	306	0.000619	0.000619	0.00000364	0.00917	0.00226	0.184	0.0238	0.00000503	54.1	0.0000578	0.000722	0.000666	0.00373
2033 Jul	1790	0.73	2.92	0.0712	895	0.162	427	0.00053	0.00053	0.00000344	0.0102	0.00253	0.259	0.0168	0.00000543	60.1	0.0000716	0.000798	0.000674	0.00491
2033 Aug	2270	0.917	3.72	0.0883	1130	0.199	532	0.000468	0.000468	0.00000332	0.0112	0.00286	0.319	0.0149	0.00000576	72	0.0000833	0.000939	0.000739	0.00584
2033 Sep	1990	0.834	3.28	0.0722	989	0.167	436	0.000504	0.000504	0.00000328	0.0107	0.00241	0.257	0.0139	0.00000517	66.2	0.0000689	0.00084	0.000578	0.00471
2033 Oct	1840	0.779	3.04	0.0644	911	0.151	389	0.000536	0.000536	0.00000333	0.0103	0.00223	0.227	0.0139	0.00000497	62.7	0.0000623	0.000784	0.000513	0.00419
2033 Nov	1750	0.744	2.88	0.0607	863	0.145	367	0.000567	0.000567	0.00000345	0.0102	0.00217	0.214	0.0141	0.00000499	60.4	0.0000595	0.000753	0.00049	0.004
2033 Dec	1750	0.744	2.88	0.0607	863	0.145	367	0.000567	0.000567	0.00000345	0.0102	0.00217	0.214	0.0141	0.00000499	60.4	0.0000595	0.000754	0.000491	0.004
2034 Jan	1750	0.744	2.88	0.0607	863	0.145	367	0.000567	0.000567	0.00000345	0.0102	0.00217	0.214	0.0141	0.00000499	60.4	0.0000595	0.000754	0.000491	0.004
2034 Feb	1750	0.744	2.88	0.0607	863	0.145	367	0.000567	0.000567	0.00000345	0.0102	0.00217	0.214	0.0141	0.00000499	60.4	0.0000595	0.000754	0.000491	0.004
2034 Mar	1750	0.744	2.88	0.0608	863	0.145	367	0.000567	0.000567	0.00000345	0.0102	0.00217	0.214	0.0141	0.00000499	60.4	0.0000595	0.000754	0.000491	0.004
2034 Apr	1750	0.746	2.89	0.0609	866	0.146	368	0.000569	0.000569	0.00000346	0.0102	0.00217	0.215	0.0141	0.000005	60.6	0.0000597	0.000756	0.000492	0.00402
2034 May	1680	0.714	2.75	0.0582	826	0.14	354	0.000594	0.000594	0.00000356	0.0101	0.0022	0.207	0.0163	0.00000505	60.2	0.0000587	0.000755	0.000521	0.00394
2034 Jun	1220	0.504	1.91	0.0452	586	0.117	295	0.000623	0.000623	0.00000365	0.00934	0.00214	0.179	0.0209	0.000005	50.3	0.0000559	0.000672	0.000595	0.00363
2034 Jul	1920	0.735	3.05	0.0662	916	0.172	454	0.00058	0.00058	0.00000368	0.00991	0.00257	0.265	0.0143	0.00000564	68.8	0.000069	0.000856	0.000605	0.00487
2034 Aug	2190	0.846	3.47	0.0782	1050	0.203	538	0.000578	0.000578	0.00000384	0.0114	0.00294	0.318	0.0153	0.00000622	77.4	0.0000816	0.00098	0.000712	0.00579
2034 Sep	1910	0.77	3.03	0.0651	909	0.171	449	0.000524	0.000524	0.00000338	0.0109	0.00248	0.262	0.0142	0.0000053	69.7	0.0000704	0.000875	0.000586	0.00479
2034 Oct	1780	0.727	2.84	0.0564	843	0.151	390	0.000586	0.000586	0.00000355	0.0104	0.00226	0.222	0.0145	0.00000511	67.5	0.000061	0.000825	0.000497	0.00407
2034 Nov	1870	0.76	2.99	0.0581	885	0.153	401	0.000594	0.000594	0.00000359	0.0105	0.0023	0.226	0.0146	0.00000517	70.9	0.0000619	0.00086	0.000501	0.00411
2034 Dec	1870	0.761	3	0.0581	886	0.154	401	0.000595	0.000595	0.00000359	0.0105	0.0023	0.227	0.0146	0.00000517	71	0.0000619	0.000861	0.000502	0.00412
2035 Jan	1870	0.762	3	0.0582	887	0.154	402	0.000595	0.000595	0.00000359	0.0105	0.0023	0.227	0.0146	0.00000517	71.1	0.0000619	0.000862	0.000502	0.00412
2035 Feb	1870	0.762	3	0.0582	887	0.154	402	0.000595	0.000595	0.00000359	0.0105	0.0023	0.227	0.0146	0.00000517	71.1	0.000062	0.000862	0.000502	0.00412
2035 Mar	1870	0.762	3	0.0582	888	0.154	402	0.000595	0.000595	0.00000359	0.0105	0.0023	0.227	0.0146	0.00000517	71.1	0.000062	0.000862	0.000502	0.00412
2035 Apr	1880	0.766	3.02	0.0585	892	0.155	404	0.000598	0.000598	0.00000361	0.0106	0.00231	0.228	0.0147	0.0000052	71.5	0.0000623	0.000866	0.000505	0.00414
2035 May	1870	0.759	2.98	0.0582	883	0.154	404	0.000615	0.000615	0.0000037	0.0107	0.00237	0.229	0.0161	0.0000053	72.1	0.000063	0.000877	0.000532	0.00418
2035 Jun	945	0.368	1.39	0.0348	432	0.106	264	0.000637	0.000637	0.00000368	0.00909	0.0019	0.164	0.0167	0.00000492	41.7	0.0000534	0.000585	0.000503	0.00329
2035 Jul	1240	0.46	1.84	0.0449	564	0.137	350	0.000646	0.000646	0.00000388	0.0101	0.00217	0.214	0.0137	0.00000551	49.6	0.0000639	0.00068	0.00053	0.00409
2035 Aug	1760	0.66	2.64	0.0628	807	0.186	494	0.000434	0.000434	0.00000307	0.0105	0.00261	0.297	0.0129	0.00000534	66.9	0.0000769	0.000883	0.000662	0.00538
2035 Sep	1680	0.658	2.57	0.0521	764	0.158	410	0.000568	0.000568	0.0000035	0.0104	0.00233	0.236	0.0143	0.00000518	69	0.0000634	0.00085	0.000523	0.00428
2035 Oct	1540	0.616	2.34	0.049	702	0.151	386	0.000575	0.000575	0.00000351	0.0105	0.00225	0.224	0.0144	0.00000512	63.8	0.000062	0.000794	0.00051	0.00417
2035 Nov	1570	0.626	2.39	0.0504	718	0.154	397	0.000542	0.000542	0.00000337	0.0104	0.00227	0.231	0.014	0.00000504	64.5	0.0000633	0.000804	0.000521	0.00426
2035 Dec	1580	0.627	2.4	0.0504	719	0.154	398	0.000543	0.000543	0.00000337	0.0104	0.00227	0.231	0.014	0.00000504	64.7	0.0000633	0.000805	0.000521	0.00426
2036 Jan	1580	0.627	2.4	0.0504	720	0.154	398	0.000543	0.000543	0.00000337	0.0104	0.00227	0.231	0.014	0.00000504	64.7	0.0000633	0.000806	0.000521	0.00426
2036 Feb	1580	0.627	2.4	0.0504	720	0.154	398	0.000543	0.000543	0.00000337	0.0104	0.00227	0.231	0.014	0.00000504	64.7	0.0000633	0.000806	0.000521	0.00426
2036 Mar	1580	0.627	2.4	0.0504	720	0.154	398	0.000543	0.000543	0.00000337	0.0104	0.00227	0.231	0.014	0.00000504	64.7	0.0000633	0.000806	0.000521	0.00426
2036 Apr	1590	0.631	2.42	0.0508	725	0.155	401	0.000544	0.000544	0.00000338	0.0105	0.00229	0.233	0.0143	0.00000507	65.3	0.0000638	0.000813	0.000528	0.0043
2036 May	1620	0.643	2.47	0.0518	739	0.158	411	0.00055	0.00055	0.00000343	0.0106	0.00236	0.238	0.015	0.00000516	67.2	0.0000654	0.000837	0.000551	0.0044
2036 Jun	1010	0.37	1.44	0.0345	441	0.116	297	0.000616	0.000616	0.00000363	0.00947	0.0019	0.182	0.0131	0.00000499	44.3	0.0000572	0.000615	0.000464	0.00348
2036 Jul	1250	0.44	1.77	0.0434	545	0.152	388	0.000567	0.000567	0.00000356	0.00966	0.00227	0.236	0.0125	0.00000536	52.7	0.0000649	0.000698	0.000548	0.00445
2036 Aug	1580	0.559	2.25	0.0545	690	0.187	490	0.00051	0.00051	0.00000346	0.0108	0.00268	0.296	0.0134	0.00000573	65.2	0.0000776	0.000856	0.000667	0.00546
2036 Sep	1990	0.721	2.9	0.0621	869	0.203	560	0.000406	0.000406	0.00000298	0.0114	0.00282	0.325	0.0133	0.00000538	83.3	0.0000837	0.00105	0.000697	0.00572
2036 Oct	1460	0.564	2.13	0.0434	637	0.152	391	0.000582	0.000582	0.00000354	0.0105	0.00227	0.225	0.0145	0.00000514	66.3	0.0000619	0.000817	0.000507	0.00414
2036 Nov	1600	0.611	2.35	0.0473	701	0.161	427	0.000547	0.000547	0.00000342	0.0106	0.00237	0.243	0.0143	0.00000515	71.8	0.0000658	0.00088	0.000537	0.0044
2036 Dec	1630	0.618	2.39	0.0479	710	0.163	432	0.000541	0.000541	0.00000339	0.0106	0.00239	0.246	0.0142	0.00000514	72.6	0.0000663	0.000889	0.000541	0.00443
2037 Jan	1630	0.618	2.39	0.0479	710	0.163	432	0.000541	0.000541	0.00000339	0.0106	0.00239	0.246	0.0142	0.00000514	72.6	0.0000663	0.00089	0.000541	0.00443
2037 Feb	1630	0.618	2.39	0.0479	711	0.163	432	0.000542	0.000542	0.00000339	0.0106	0.00239	0.246	0.0142	0.00000514	72.7	0.0000663	0.00089	0.000541	0.00443
2037 Mar	1630	0.619	2.39	0.048	712	0.163	432	0.000542	0.000542	0.0000034	0.0107	0.00239	0.246	0.0142	0.00000515	72.8	0.0000664	0.000891	0.000542	0.00444
2037 Apr	1640	0.621	2.4	0.0481	714	0.164	434	0.000544	0.000544	0.00000341	0.0107	0.0024	0.247	0.0143	0.00000517	73	0.0000667	0.000894	0.000544	0.00446
2037 May	1170	0.454	1.68	0.0353	500	0.124	318	0.000653	0.000653	0.00000379	0.00956	0.00228	0.185	0.0228	0.00000511	60.8	0.0000554	0.000765	0.000606	0.00367
2037 Jun	549	0.216	0.771	0.0193	225	0.0772	172	0.000764	0.000764	0.00000414	0.00648	0.00145	0.106	0.0183	0.00000493	33.7	0.0000353	0.000456	0.000433	0.0025

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	276	0.105	0.376	0.00985	112	0.051	84.9	0.000892	0.000892	0.00000461	0.00441	0.00079	0.0526	0.0118	0.000005	19.1	0.0000194	0.000266	0.000227	0.00161
2037 Aug	178	0.0657	0.232	0.00642	71.7	0.0415	53.3	0.000938	0.000938	0.00000478	0.00374	0.00056	0.0338	0.00981	0.00000502	14.1	0.0000137	0.000182	0.000166	0.00127
2037 Sep	142	0.0511	0.178	0.00512	56.6	0.0379	41.4	0.000954	0.000954	0.00000484	0.00354	0.000472	0.0269	0.00919	0.00000502	12.3	0.0000115	0.000136	0.000149	0.00113
2037 Oct	137	0.0494	0.171	0.00493	54.6	0.0374	39.8	0.000955	0.000955	0.00000484	0.00351	0.000454	0.0259	0.00903	0.00000501	12	0.0000112	0.000125	0.000146	0.00111
2037 Nov	139	0.0501	0.173	0.00498	55.3	0.0376	40.3	0.000954	0.000954	0.00000484	0.00352	0.000457	0.0262	0.00904	0.00000501	12.1	0.0000112	0.000126	0.000146	0.00112
2037 Dec	139	0.0501	0.173	0.00498	55.3	0.0376	40.3	0.000954	0.000954	0.00000484	0.00352	0.000457	0.0262	0.00904	0.00000501	12.1	0.0000113	0.000126	0.000146	0.00112
2038 Jan	139	0.0501	0.173	0.00498	55.3	0.0376	40.3	0.000954	0.000954	0.00000484	0.00353	0.000457	0.0262	0.00904	0.00000501	12.1	0.0000113	0.000126	0.000146	0.00112
2038 Feb	139	0.0501	0.173	0.00498	55.3	0.0376	40.3	0.000954	0.000954	0.00000484	0.00353	0.000457	0.0262	0.00904	0.00000501	12.1	0.0000113	0.000126	0.000146	0.00112
2038 Mar	139	0.0501	0.173	0.00498	55.3	0.0376	40.3	0.000954	0.000954	0.00000484	0.00353	0.000457	0.0262	0.00904	0.00000501	12.1	0.0000113	0.000126	0.000146	0.00112
2038 Apr	139	0.0502	0.173	0.00498	55.4	0.0376	40.3	0.000955	0.000955	0.00000484	0.00353	0.000457	0.0262	0.00904	0.00000501	12.1	0.0000113	0.000126	0.000146	0.00112
2038 May	141	0.0511	0.176	0.00506	56	0.0378	41	0.000955	0.000955	0.00000484	0.00356	0.000468	0.0266	0.00922	0.00000502	12.3	0.0000114	0.000129	0.00015	0.00113
2038 Jun	150	0.0558	0.19	0.00549	58.9	0.0389	45	0.000944	0.000944	0.0000048	0.00368	0.000515	0.0292	0.00981	0.000005	13.1	0.0000124	0.000144	0.000164	0.00118
2038 Jul	135	0.0497	0.168	0.00496	52.7	0.0375	40.1	0.000956	0.000956	0.00000485	0.00356	0.000481	0.0261	0.00948	0.00000502	12.3	0.0000116	0.00014	0.000151	0.00114
2038 Aug	122	0.0444	0.149	0.00451	47.3	0.0363	35.9	0.000965	0.000965	0.00000489	0.00347	0.000449	0.0236	0.00917	0.00000504	11.6	0.0000108	0.00013	0.000142	0.00109
2038 Sep	114	0.0412	0.138	0.00424	44.1	0.0355	33.4	0.000967	0.000967	0.00000489	0.00342	0.000427	0.0222	0.00898	0.00000503	11.2	0.0000103	0.000117	0.000138	0.00106
2038 Oct	112	0.0404	0.134	0.00415	43.1	0.0353	32.7	0.000967	0.000967	0.00000489	0.00341	0.000419	0.0218	0.00891	0.00000503	11.1	0.0000101	0.000112	0.000136	0.00105
2038 Nov	112	0.0406	0.135	0.00416	43.2	0.0354	32.8	0.000967	0.000967	0.00000489	0.00342	0.00042	0.0219	0.00891	0.00000503	11.1	0.0000102	0.000112	0.000137	0.00105
2038 Dec	112	0.0406	0.135	0.00416	43.2	0.0354	32.8	0.000967	0.000967	0.00000489	0.00342	0.00042	0.0219	0.00891	0.00000503	11.1	0.0000102	0.000112	0.000137	0.00105
2039 Jan	112	0.0406	0.135	0.00416	43.3	0.0354	32.8	0.000967	0.000967	0.00000489	0.00342	0.00042	0.0219	0.00891	0.00000503	11.1	0.0000102	0.000112	0.000137	0.00105
2039 Feb	112	0.0406	0.135	0.00416	43.3	0.0354	32.8	0.000967	0.000967	0.00000489	0.00342	0.00042	0.0219	0.00891	0.00000503	11.1	0.0000102	0.000112	0.000137	0.00105
2039 Mar	112	0.0406	0.135	0.00416	43.3	0.0354	32.8	0.000967	0.000967	0.00000489	0.00342	0.00042	0.0219	0.00891	0.00000503	11.1	0.0000102	0.000112	0.000137	0.00105
2039 Apr	112	0.0406	0.135	0.00416	43.3	0.0354	32.8	0.000968	0.000968	0.00000489	0.00342	0.00042	0.0219	0.00892	0.00000503	11.1	0.0000102	0.000112	0.000137	0.00105
2039 May	112	0.0407	0.136	0.00417	43.4	0.0354	32.9	0.000968	0.000968	0.0000049	0.00342	0.000421	0.0219	0.00893	0.00000504	11.1	0.0000102	0.000113	0.000137	0.00105
2039 Jun	121	0.0439	0.15	0.00448	46.3	0.0362	36	0.000962	0.000962	0.00000487	0.00351	0.00044	0.0238	0.00891	0.00000502	11.5	0.0000108	0.000121	0.000139	0.00108
2039 Jul	122	0.0448	0.154	0.00461	46.5	0.0366	37.3	0.000957	0.000957	0.00000485	0.00352	0.000445	0.0245	0.00878	0.00000501	11.5	0.0000111	0.000126	0.000137	0.00109
2039 Aug	117	0.0426	0.146	0.00443	44.3	0.0361	35.6	0.00096	0.00096	0.00000486	0.00348	0.000434	0.0235	0.00867	0.00000501	11.2	0.0000107	0.000122	0.000133	0.00107
2039 Sep	111	0.0401	0.137	0.0042	41.8	0.0355	33.5	0.000964	0.000964	0.00000488	0.00344	0.000419	0.0223	0.0086	0.00000502	11	0.0000103	0.000114	0.000131	0.00105
2039 Oct	109	0.0392	0.133	0.00411	40.9	0.0353	32.7	0.000965	0.000965	0.00000488	0.00342	0.000412	0.0218	0.00856	0.00000501	10.9	0.0000102	0.00011	0.00013	0.00104
2039 Nov	109	0.0392	0.133	0.00411	40.9	0.0353	32.7	0.000965	0.000965	0.00000488	0.00342	0.000412	0.0218	0.00857	0.00000502	10.9	0.0000102	0.00011	0.00013	0.00104
2039 Dec	109	0.0392	0.133	0.00411	40.9	0.0353	32.7	0.000965	0.000965	0.00000488	0.00342	0.000412	0.0218	0.00857	0.00000502	10.9	0.0000102	0.00011	0.00013	0.00104
2040 Jan	109	0.0392	0.133	0.00411	40.9	0.0353	32.7	0.000965	0.000965	0.00000488	0.00342	0.000412	0.0218	0.00857	0.00000502	10.9	0.0000102	0.00011	0.00013	0.00104
2040 Feb	109	0.0392	0.133	0.00411	40.9	0.0353	32.7	0.000965	0.000965	0.00000488	0.00342	0.000412	0.0218	0.00857	0.00000502	10.9	0.0000102	0.00011	0.00013	0.00104
2040 Mar	109	0.0393	0.133	0.00411	40.9	0.0353	32.7	0.000965	0.000965	0.00000488	0.00342	0.000412	0.0218	0.00857	0.00000502	10.9	0.0000102	0.00011	0.00013	0.00104
2040 Apr	109	0.0393	0.133	0.00411	40.9	0.0353	32.7	0.000965	0.000965	0.00000488	0.00342	0.000413	0.0218	0.00857	0.00000502	10.9	0.0000102	0.00011	0.00013	0.00104
2040 May	109	0.0394	0.134	0.00412	41	0.0353	32.8	0.000966	0.000966	0.00000488	0.00343	0.000415	0.0219	0.00861	0.00000502	10.9	0.0000102	0.000111	0.000131	0.00104
2040 Jun	111	0.0406	0.137	0.00421	41.2	0.0354	33.6	0.000962	0.000962	0.00000487	0.00348	0.000432	0.0224	0.00887	0.00000501	11.2	0.0000105	0.000116	0.000136	0.00105
2040 Jul	108	0.0395	0.133	0.00412	40.1	0.0352	32.8	0.000965	0.000965	0.00000488	0.00345	0.000425	0.0219	0.00879	0.00000502	11	0.0000103	0.000117	0.000133	0.00105
2040 Aug	104	0.0378	0.127	0.00397	38.4	0.0348	31.4	0.000968	0.000968	0.00000489	0.00341	0.000415	0.021	0.0087	0.00000502	10.8	0.0000101	0.000114	0.00013	0.00103
2040 Sep	100	0.0363	0.121	0.00384	37	0.0345	30.2	0.00097	0.00097	0.0000049	0.00339	0.000406	0.0203	0.00865	0.00000502	10.6	0.00000983	0.000108	0.000128	0.00102
2040 Oct	98.5	0.0356	0.118	0.00376	36.3	0.0343	29.6	0.000971	0.000971	0.0000049	0.00338	0.0004	0.0199	0.00862	0.00000502	10.5	0.0000097	0.000106	0.000128	0.00101
2040 Nov	98.6	0.0356	0.118	0.00376	36.3	0.0343	29.6	0.000971	0.000971	0.0000049	0.00338	0.000401	0.02	0.00862	0.00000503	10.6	0.00000971	0.000106	0.000128	0.00101
2040 Dec	98.7	0.0356	0.118	0.00376	36.3	0.0343	29.6	0.000971	0.000971	0.0000049	0.00338	0.000401	0.02	0.00862	0.00000503	10.6	0.00000971	0.000106	0.000128	0.00101
2041 Jan	98.7	0.0356	0.118	0.00376	36.3	0.0343	29.6	0.000971	0.000971	0.0000049	0.00338	0.000401	0.02	0.00862	0.00000503	10.6	0.00000971	0.000106	0.000128	0.00101
2041 Feb	98.7	0.0356	0.118	0.00376	36.3	0.0343	29.6	0.000971	0.000971	0.0000049	0.00338	0.000401	0.02	0.00862	0.00000503	10.6	0.00000971	0.000106	0.000128	0.00101
2041 Mar	98.7	0.0356	0.118	0.00376	36.3	0.0343	29.6	0.000971	0.000971	0.0000049	0.00338	0.000401	0.02	0.00862	0.00000503	10.6	0.00000971	0.000106	0.000128	0.00101
2041 Apr	98.7	0.0356	0.119	0.00376	36.3	0.0343	29.6	0.000971	0.000971	0.0000049	0.00338	0.000401	0.02	0.00862	0.00000503	10.6	0.00000971	0.000106	0.000128	0.00101
2041 May	99.2	0.0358	0.119	0.00378	36.5	0.0344	29.8	0.000972	0.000972	0.00000491	0.00338	0.000402	0.02	0.00863	0.00000503	10.6	0.00000973	0.000106	0.000128	0.00101
2041 Jun	100	0.0362	0.121	0.00382	36.6	0.0344	30.3	0.000969	0.000969	0.0000049	0.00341	0.000407	0.0204	0.00863	0.00000502	10.6	0.00000992	0.000109	0.000128	0.00102
2041 Jul	99.2	0.0361	0.121	0.00384	36	0.0344	30.4	0.000966	0.000966	0.00000488	0.00341	0.000408	0.0204	0.00856	0.00000501	10.6	0.00000997	0.000111	0.000126	0.00102
2041 Aug	96.1	0.0348	0.116	0.00372	34.8	0.0341	29.3	0.00097	0.00097	0.0000049	0.00339	0.0004	0.0198	0.00851	0.00000502	10.4	0.00000976	0.000109	0.000124	0.00101
2041 Sep	93.5	0.0337	0.112	0.00362	33.8	0.0339	28.4	0.000972	0.000972	0.0000049	0.00337	0.000393	0.0192	0.00848	0.00000502	10.3	0.00000958	0.000104	0.000123	0.000997
2041 Oct	92.5	0.0333	0.11	0.00357	33.4	0.0337	28	0.000972	0.000972	0.00000491	0.00336	0.00039	0.019	0.00846	0.00000502	10.3	0.0000095	0.000102	0.000123	0.000992
2041 Nov	92.6	0.0334	0.111	0.00358	33.4	0.0338	28	0.000972	0.000972	0.00000491	0.00336	0.00039	0.019	0.00846	0.00000502	10.3	0.0000095	0.000102	0.000123	0.000993
2041 Dec	92.6	0.0334	0.111	0.00358	33.4	0.0338	28	0.000972	0.000972	0.00000491	0.00336	0.00039	0.019	0.00847	0.00000502	10.3	0.0000095	0.000103	0.000123	0.000993
2042 Jan	92.6	0.0334	0.111	0.00358	33.4	0.0338	28	0.000972	0.000972	0.00000491	0.00336	0.00039	0.019	0.00847	0.00000502	10.3	0.0000095	0.000103	0.000123	0.000993
2042 Feb	92.6	0.0334	0.111	0.00358	33.4	0.0338	28	0.000972	0.000972	0.00000491	0.00336	0.00039	0.019	0.00847	0.00000502	10.3	0.0000095	0.000103	0.000123	0.000993
2042 Mar	92.6	0.0334	0.111	0.00358	33.4	0.0338	28	0.000972	0.000972	0.00000491	0.00337	0.00039	0.019	0.00847	0.00000502	10.3	0.0000095	0.000103	0.000123	0.000993
2042 Apr	92.7	0.0334	0.111	0.00358	33.4	0.0338	28	0.000972	0.000972	0.00000491	0.00337	0.00039	0.019	0.00847	0.00000502	10.3	0.00000951	0.000103	0.000123	0.000993
2042 May	92.9	0.0335	0.111	0.00358	33.5	0.0338	28.1	0.000973	0.000973	0.00000491	0.00337	0.000391	0.0191	0.00848	0.00000503	10.3	0.00000953	0.000103	0.000123	0.000995
2042 Jun	92.6	0.0335	0.111	0.00359	33.3	0.0338	28.1	0.000972	0.000972	0.00000491	0.00338	0.000393	0.0191	0.00848	0.00000502	10.3	0.0000096	0.000104	0.000123	0.000994
2042 Jul	91.2	0.0329	0.109	0.00355	32.6	0.0336	27.8	0.000972	0.000972	0.0000049	0.00337	0.000392	0.0189	0.00844	0.00000502	10.2	0.00000955	0.000105	0.000121	0.000991
2042 Aug	89.3	0.0322	0.106	0.00347	31.8	0.0334	27.1	0.000972	0.000972	0.0000049	0.00335	0.000388	0.0185	0.0084	0.00000501	10.1	0.0000094	0.000104	0.00012	0.000983
2042 Sep	87.2	0.0313	0.103	0.00338	31	0.0332	26.3	0.000972	0.000972	0.0000049	0.00334	0.000382	0.018	0.00837	0.00000501	10	0.00000924	0.0001	0.000119	0.000973
2042 Oct	86.2	0.0309	0.101	0.00334	30.6	0.0331	26	0.000972	0.000972	0.0000049	0.00333	0.000379	0.0178	0.00836	0.00000501	10	0.00000916	0.0000989	0.000119	0.000969
2042 Nov	86.3	0.0309	0.101	0.00334	30.7	0.0331	26	0.000972	0.000972	0.0000049	0.00333	0.000379	0.0178	0.00836	0.00000501	10	0.00000917	0.0000989	0.000119	0.000969
2042 Dec	86.4	0.0309	0.101	0.00334	30.7	0.0331	26	0.000972	0.000972	0.0000049	0.00333	0.00038	0.0178	0.00836	0.00000501	10	0.00000917	0.000099	0.000119	0.000969
2043 Jan	86.4	0.0309	0.101	0.00334	30.7	0.0331	26	0.000972	0.000972	0.0000049	0.00333	0.00038	0.0178	0.00836	0.00000501	10	0.00000917	0.000099	0.000119	0.000969
2043 Feb	86.4	0.0309	0.101	0.00334	30.7	0.0331	26	0.000972	0.000972	0.0000049	0.00333	0.00038	0.0178	0.00836	0.00000501	10	0.00000917	0.000099	0.000119	0.000969
2043 Mar	86.4	0.0309	0.101	0.00334	30.7	0.0331	26	0.000972	0.000972	0.0000049	0.00333	0.00038	0.0178	0.00836	0.00000501	10	0.00000917	0.000099	0.000119	0.000969
2043 Apr	86.4	0.031	0.101	0.00334	30.7	0.0331	26	0.000973	0.000973	0.00000491	0.00333	0.00038	0.0178	0.00837	0.00000501	10	0.00000917	0.000099	0.000119	0.00097
2043 May	86.5	0.031	0.101	0.00334	30.7	0.0332	26.1	0.000974	0.000974	0.00000491	0.00334	0.000381	0.0178	0.00839	0.00000502	10	0.00000919	0.0000993	0.000119	0.000971
2043 Jun	86	0.031	0.1	0.00332	30.4	0.033	25.9	0.000972	0.000972	0.0000049	0.00335	0.000386	0.0177	0.0085	0.00000501	10.1	0.00000923	0.000101	0.000121	0.00097
2043 Jul	84.6	0.0304	0.0982	0.00327	29.9	0.0329	25.4	0.000976	0.000976	0.00000492	0.00334	0.000383	0.0174	0.00848	0.00000502	10	0.00000915	0.000102	0.000119	0.000968
2043 Aug	83.3	0.0298	0.096	0.00321	29.4	0.0328	24.9	0.000979	0.000979	0.00000493	0.00333	0.00038	0.0171	0.00847	0.00000503	9.98	0.00000906	0.000101	0.000118	0.000965
2043 Sep	83.7	0.0299	0.0964	0.00322	29.5	0.0329	25	0.000979	0.000979	0.00000494	0.00333	0.000381	0.0172	0.00848	0.00000504	10	0.00000907	0.000102	0.000118	0.000966
2043 Oct	84.1	0.0301	0.0968	0.00322	29.6	0.0329	25.1	0.000979	0.000979	0.00000493	0.00334	0.000382	0.0172	0.00848	0.00000503	10	0.00000909	0.000102	0.000118	0.000967
2043 Nov	84.2	0.0302	0.0969	0.00322	29.6	0.033	25.2	0.000979	0.000979	0.00000493	0.00334	0.000383	0.0172	0.00849	0.00000503	10.1	0.0000091	0.000102	0.000118	0.000967

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	84.2	0.0302	0.0969	0.00322	29.6	0.033	25.2	0.000979	0.000979	0.00000493	0.00334	0.000383	0.0172	0.00849	0.00000503	10.1	0.0000091	0.000102	0.000119	0.000967
2044 Jan	84.2	0.0302	0.0969	0.00322	29.6	0.033	25.2	0.000979	0.000979	0.00000493	0.00334	0.000383	0.0172	0.00849	0.00000503	10.1	0.0000091	0.000102	0.000119	0.000967
2044 Feb	84.2	0.0302	0.0969	0.00322	29.6	0.033	25.2	0.000979	0.000979	0.00000493	0.00334	0.000383	0.0172	0.00849	0.00000503	10.1	0.0000091	0.000102	0.000119	0.000967
2044 Mar	84.2	0.0302	0.0969	0.00322	29.7	0.033	25.2	0.000979	0.000979	0.00000493	0.00334	0.000383	0.0172	0.00849	0.00000503	10.1	0.0000091	0.000102	0.000119	0.000967
2044 Apr	84.2	0.0302	0.0969	0.00322	29.7	0.033	25.2	0.000979	0.000979	0.00000493	0.00334	0.000383	0.0172	0.00849	0.00000503	10.1	0.0000091	0.000102	0.000119	0.000967
2044 May	84.3	0.0302	0.097	0.00323	29.7	0.033	25.2	0.00098	0.00098	0.00000494	0.00335	0.000383	0.0173	0.0085	0.00000504	10.1	0.00000911	0.000102	0.000119	0.000968
2044 Jun	84.1	0.0301	0.0964	0.00321	29.5	0.0329	25.2	0.000977	0.000977	0.00000492	0.00336	0.000387	0.0172	0.00852	0.00000502	10.1	0.00000918	0.000103	0.000119	0.000965
2044 Jul	84.4	0.0302	0.0966	0.00321	29.5	0.0329	25.4	0.000978	0.000978	0.00000493	0.00337	0.000389	0.0173	0.00853	0.00000503	10.1	0.00000923	0.000103	0.000119	0.000966
2044 Aug	84.8	0.0303	0.0971	0.00323	29.7	0.033	25.5	0.000982	0.000982	0.00000495	0.00339	0.000391	0.0174	0.00857	0.00000505	10.2	0.00000927	0.000104	0.00012	0.00097
2044 Sep	85.1	0.0305	0.0974	0.00323	29.7	0.0331	25.7	0.000981	0.000981	0.00000494	0.00339	0.000392	0.0174	0.00857	0.00000504	10.2	0.00000928	0.000104	0.00012	0.00097
2044 Oct	85.3	0.0306	0.0976	0.00323	29.8	0.0331	25.7	0.00098	0.00098	0.00000494	0.00339	0.000393	0.0175	0.00857	0.00000504	10.2	0.00000929	0.000105	0.00012	0.000971
2044 Nov	85.4	0.0306	0.0977	0.00324	29.8	0.0331	25.8	0.00098	0.00098	0.00000494	0.00339	0.000393	0.0175	0.00858	0.00000504	10.2	0.00000929	0.000105	0.00012	0.000971
2044 Dec	85.4	0.0306	0.0977	0.00324	29.8	0.0331	25.8	0.00098	0.00098	0.00000494	0.00339	0.000393	0.0175	0.00858	0.00000504	10.2	0.00000929	0.000105	0.00012	0.000971
2045 Jan	85.4	0.0306	0.0977	0.00324	29.8	0.0331	25.8	0.00098	0.00098	0.00000494	0.00339	0.000393	0.0175	0.00858	0.00000504	10.2	0.00000929	0.000105	0.00012	0.000971
2045 Feb	85.4	0.0306	0.0977	0.00324	29.8	0.0331	25.8	0.00098	0.00098	0.00000494	0.00339	0.000393	0.0175	0.00858	0.00000504	10.2	0.00000929	0.000105	0.00012	0.000971
2045 Mar	85.4	0.0307	0.0977	0.00324	29.8	0.0331	25.8	0.00098	0.00098	0.00000494	0.0034	0.000393	0.0175	0.00858	0.00000504	10.2	0.00000929	0.000105	0.00012	0.000971
2045 Apr	85.4	0.0307	0.0977	0.00324	29.8	0.0331	25.8	0.00098	0.00098	0.00000494	0.0034	0.000393	0.0175	0.00858	0.00000504	10.2	0.00000929	0.000105	0.00012	0.000971
2045 May	85.5	0.0307	0.0978	0.00324	29.8	0.0332	25.8	0.000981	0.000981	0.00000495	0.0034	0.000393	0.0175	0.00858	0.00000505	10.2	0.0000093	0.000105	0.00012	0.000972
2045 Jun	86.4	0.0308	0.0985	0.00324	30	0.0332	26.2	0.00098	0.00098	0.00000494	0.00341	0.000397	0.0177	0.00858	0.00000504	10.3	0.0000094	0.000106	0.00012	0.000972
2045 Jul	86.7	0.0309	0.0987	0.00325	30	0.0332	26.4	0.000981	0.000981	0.00000494	0.00343	0.000399	0.0178	0.0086	0.00000505	10.4	0.00000946	0.000107	0.00012	0.000973
2045 Aug	87.1	0.031	0.0991	0.00326	30.1	0.0333	26.5	0.000983	0.000983	0.00000496	0.00344	0.000401	0.0178	0.00862	0.00000506	10.4	0.00000949	0.000107	0.00012	0.000976
2045 Sep	87.3	0.0311	0.0994	0.00326	30.2	0.0334	26.6	0.000983	0.000983	0.00000496	0.00344	0.000401	0.0179	0.00863	0.00000506	10.4	0.0000095	0.000107	0.00012	0.000977
2045 Oct	87.5	0.0312	0.0996	0.00327	30.3	0.0334	26.7	0.000983	0.000983	0.00000496	0.00345	0.000402	0.0179	0.00864	0.00000506	10.5	0.00000951	0.000108	0.000121	0.000978
2045 Nov	87.6	0.0312	0.0996	0.00327	30.3	0.0334	26.7	0.000984	0.000984	0.00000496	0.00345	0.000402	0.0179	0.00864	0.00000506	10.5	0.00000951	0.000108	0.000121	0.000978
2045 Dec	87.6	0.0312	0.0997	0.00327	30.3	0.0334	26.7	0.000984	0.000984	0.00000496	0.00345	0.000402	0.018	0.00864	0.00000506	10.5	0.00000951	0.000108	0.000121	0.000978
2046 Jan	87.6	0.0312	0.0997	0.00327	30.3	0.0334	26.7	0.000984	0.000984	0.00000496	0.00345	0.000402	0.018	0.00864	0.00000506	10.5	0.00000951	0.000108	0.000121	0.000978
2046 Feb	87.6	0.0312	0.0997	0.00327	30.3	0.0334	26.7	0.000984	0.000984	0.00000496	0.00345	0.000402	0.018	0.00864	0.00000506	10.5	0.00000951	0.000108	0.000121	0.000978
2046 Mar	87.6	0.0312	0.0997	0.00327	30.3	0.0334	26.7	0.000984	0.000984	0.00000496	0.00345	0.000402	0.018	0.00864	0.00000506	10.5	0.00000952	0.000108	0.000121	0.000978
2046 Apr	87.6	0.0312	0.0997	0.00327	30.3	0.0334	26.7	0.000984	0.000984	0.00000496	0.00345	0.000402	0.018	0.00864	0.00000506	10.5	0.00000952	0.000108	0.000121	0.000978
2046 May	87.7	0.0312	0.0998	0.00327	30.3	0.0335	26.7	0.000985	0.000985	0.00000496	0.00345	0.000403	0.018	0.00865	0.00000507	10.5	0.00000953	0.000108	0.000121	0.000979
2046 Jun	87.8	0.0312	0.0996	0.00326	30.2	0.0334	26.9	0.000982	0.000982	0.00000495	0.00347	0.000406	0.018	0.00865	0.00000506	10.5	0.00000961	0.000109	0.000121	0.000977
2046 Jul	87.7	0.0311	0.0992	0.00325	30.1	0.0333	27	0.00098	0.00098	0.00000494	0.00348	0.000408	0.018	0.00865	0.00000505	10.5	0.00000966	0.000109	0.000121	0.000975
2046 Aug	88.1	0.0312	0.0997	0.00326	30.2	0.0334	27.1	0.000983	0.000983	0.00000495	0.00349	0.000409	0.0181	0.00867	0.00000506	10.5	0.00000969	0.00011	0.000121	0.000977
2046 Sep	88.5	0.0314	0.1	0.00327	30.3	0.0335	27.2	0.000982	0.000982	0.00000495	0.00349	0.000411	0.0182	0.00867	0.00000505	10.6	0.0000097	0.00011	0.000121	0.000978
2046 Oct	88.8	0.0315	0.1	0.00327	30.3	0.0335	27.4	0.000981	0.000981	0.00000494	0.00349	0.000412	0.0182	0.00868	0.00000505	10.6	0.00000972	0.00011	0.000121	0.000978
2046 Nov	88.9	0.0316	0.1	0.00327	30.4	0.0335	27.5	0.000981	0.000981	0.00000494	0.0035	0.000412	0.0183	0.00868	0.00000505	10.6	0.00000973	0.000111	0.000121	0.000979
2046 Dec	88.9	0.0316	0.1	0.00327	30.4	0.0335	27.5	0.000981	0.000981	0.00000494	0.0035	0.000412	0.0183	0.00868	0.00000505	10.6	0.00000973	0.000111	0.000121	0.000979
2047 Jan	89	0.0316	0.1	0.00327	30.4	0.0335	27.5	0.000981	0.000981	0.00000494	0.0035	0.000412	0.0183	0.00868	0.00000505	10.6	0.00000973	0.000111	0.000121	0.000979
2047 Feb	89	0.0316	0.1	0.00327	30.4	0.0335	27.5	0.000981	0.000981	0.00000494	0.0035	0.000412	0.0183	0.00868	0.00000505	10.6	0.00000973	0.000111	0.000121	0.000979
2047 Mar	89	0.0316	0.1	0.00327	30.4	0.0335	27.5	0.000981	0.000981	0.00000495	0.0035	0.000412	0.0183	0.00868	0.00000505	10.6	0.00000973	0.000111	0.000121	0.000979
2047 Apr	89	0.0316	0.1	0.00327	30.4	0.0335	27.5	0.000981	0.000981	0.00000495	0.0035	0.000412	0.0183	0.00868	0.00000505	10.6	0.00000973	0.000111	0.000121	0.000979
2047 May	89.1	0.0316	0.1	0.00327	30.4	0.0335	27.6	0.000981	0.000981	0.00000495	0.0035	0.000414	0.0183	0.00871	0.00000505	10.7	0.00000975	0.000111	0.000122	0.00098
2047 Jun	89.4	0.0318	0.1	0.00326	30.3	0.0335	27.8	0.000979	0.000979	0.00000494	0.00351	0.00042	0.0184	0.00882	0.00000504	10.8	0.00000982	0.000113	0.000123	0.00098
2047 Jul	89.8	0.0319	0.101	0.00327	30.4	0.0336	27.9	0.000982	0.000982	0.00000495	0.00353	0.000422	0.0184	0.00885	0.00000506	10.8	0.00000986	0.000113	0.000124	0.000984
2047 Aug	90.2	0.032	0.101	0.00328	30.6	0.0337	28	0.000985	0.000985	0.00000497	0.00354	0.000424	0.0185	0.00888	0.00000507	10.9	0.0000099	0.000114	0.000124	0.000987
2047 Sep	90.6	0.0322	0.101	0.00329	30.6	0.0337	28.2	0.000985	0.000985	0.00000496	0.00354	0.000425	0.0186	0.00888	0.00000507	10.9	0.00000991	0.000114	0.000124	0.000988
2047 Oct	90.9	0.0323	0.102	0.00329	30.7	0.0338	28.3	0.000984	0.000984	0.00000496	0.00354	0.000426	0.0187	0.00888	0.00000507	11	0.00000993	0.000115	0.000124	0.000988
2047 Nov	91	0.0324	0.102	0.00329	30.7	0.0338	28.4	0.000984	0.000984	0.00000496	0.00355	0.000426	0.0187	0.00889	0.00000507	11	0.00000994	0.000115	0.000124	0.000988
2047 Dec	91	0.0324	0.102	0.00329	30.7	0.0338	28.4	0.000984	0.000984	0.00000496	0.00355	0.000426	0.0187	0.00889	0.00000507	11	0.00000994	0.000115	0.000124	0.000988
2048 Jan	91	0.0324	0.102	0.00329	30.7	0.0338	28.4	0.000984	0.000984	0.00000496	0.00355	0.000426	0.0187	0.00889	0.00000507	11	0.00000994	0.000115	0.000124	0.000988
2048 Feb	91	0.0324	0.102	0.00329	30.7	0.0338	28.4	0.000984	0.000984	0.00000496	0.00355	0.000426	0.0187	0.00889	0.00000507	11	0.00000994	0.000115	0.000124	0.000988
2048 Mar	91	0.0324	0.102	0.00329	30.7	0.0338	28.4	0.000984	0.000984	0.00000496	0.00355	0.000426	0.0187	0.00889	0.00000507	11	0.00000994	0.000115	0.000124	0.000988
2048 Apr	91	0.0324	0.102	0.00329	30.7	0.0338	28.4	0.000984	0.000984	0.00000496	0.00355	0.000426	0.0187	0.00889	0.00000507	11	0.00000994	0.000115	0.000125	0.000989
2048 May	91.1	0.0324	0.102	0.0033	30.8	0.0338	28.4	0.000985	0.000985	0.00000497	0.00355	0.000427	0.0187	0.0089	0.00000507	11	0.00000995	0.000115	0.000125	0.00099
2048 Jun	90.8	0.0322	0.101	0.00328	30.5	0.0337	28.4	0.000982	0.000982	0.00000495	0.00356	0.000429	0.0187	0.00889	0.00000506	11	0.00001	0.000115	0.000124	0.000986
2048 Jul	90.7	0.0322	0.101	0.00327	30.4	0.0337	28.5	0.000981	0.000981	0.00000495	0.00358	0.000431	0.0187	0.00889	0.00000506	11	0.0000101	0.000116	0.000124	0.000985
2048 Aug	91.1	0.0323	0.101	0.00328	30.5	0.0338	28.7	0.000982	0.000982	0.00000495	0.00358	0.000433	0.0188	0.00891	0.00000506	11	0.0000101	0.000116	0.000124	0.000987
2048 Sep	91.5	0.0324	0.102	0.00329	30.6	0.0338	28.8	0.000982	0.000982	0.00000495	0.00359	0.000434	0.0189	0.00891	0.00000506	11.1	0.0000101	0.000117	0.000125	0.000988
2048 Oct	91.7	0.0325	0.102	0.00329	30.6	0.0339	29	0.000982	0.000982	0.00000495	0.00359	0.000435	0.0189	0.00892	0.00000506	11.1	0.0000101	0.000117	0.000125	0.000988
2048 Nov	91.8	0.0326	0.102	0.00329	30.6	0.0339	29	0.000982	0.000982	0.00000495	0.00359	0.000435	0.019	0.00892	0.00000506	11.1	0.0000101	0.000117	0.000125	0.000989
2048 Dec	91.8	0.0326	0.102	0.00329	30.6	0.0339	29	0.000982	0.000982	0.00000495	0.00359	0.000435	0.019	0.00892	0.00000506	11.1	0.0000101	0.000117	0.000125	0.000989
2049 Jan	91.8	0.0326	0.102	0.00329	30.6	0.0339	29	0.000982	0.000982	0.00000495	0.00359	0.000435	0.019	0.00892	0.00000506	11.1	0.0000101	0.000117	0.000125	0.000989
2049 Feb	91.8	0.0326	0.102	0.00329	30.6	0.0339	29	0.000982	0.000982	0.00000495	0.00359	0.000435	0.019	0.00892	0.00000506	11.1	0.0000101	0.000117	0.000125	0.000989
2049 Mar	91.8	0.0326	0.102	0.00329	30.6	0.0339	29	0.000982	0.000982	0.00000495	0.00359	0.000436	0.019	0.00892	0.00000506	11.1	0.0000101	0.000117	0.000125	0.000989
2049 Apr	91.9	0.0326	0.102	0.00329	30.6	0.0339	29	0.000982	0.000982	0.00000495	0.00359	0.000436	0.019	0.00892	0.00000506	11.1	0.0000101	0.000117	0.000125	0.000989
2049 May	92	0.0326	0.102	0.00329	30.7	0.0339	29.1	0.000983	0.000983	0.00000496	0.0036	0.000436	0.019	0.00893	0.00000507	11.1	0.0000101	0.000117	0.000125	0.00099
2049 Jun	91.6	0.0324	0.101	0.00327	30.4	0.0338	29	0.00098	0.00098	0.00000494	0.00361	0.000438	0.0189	0.00893	0.00000505	11.1	0.0000102	0.000118	0.000125	0.000986
2049 Jul	91.7	0.0324	0.101	0.00327	30.4	0.0338	29.2	0.00098	0.00098	0.00000494	0.00362	0.00044	0.019	0.00893	0.00000505	11.1	0.0000103	0.000118	0.000125	0.000986
2049 Aug	92.2	0.0325	0.102	0.00328	30.5	0.0339	29.3	0.000983	0.000983	0.00000496	0.00364	0.000442	0.0191	0.00896	0.00000507	11.2	0.0000103	0.000119	0.000125	0.00099
2049 Sep	92.5	0.0327	0.102	0.00329	30.5	0.034	29.5	0.000983	0.000983	0.00000495	0.00364	0.000443	0.0192	0.00897	0.00000506	11.2	0.0000103	0.000119	0.000125	0.000991
2049 Oct	92.7	0.0328	0.102	0.00329	30.6	0.034	29.6	0.000982	0.000982	0.00000495	0.00364	0.000444	0.0192	0.00897	0.00000506	11.2	0.0000103	0.000119	0.000125	0.000991
2049 Nov	92.9	0.0328	0.102	0.00329	30.6	0.034	29.7	0.000982	0.000982	0.00000495	0.00364	0.000445	0.0192	0.00897	0.00000506	11.3	0.0000103	0.00012	0.000125	0.000992
2049 Dec	92.9	0.0329	0.102	0.00329	30.6	0.034	29.7	0.000982	0.000982	0.00000495	0.00364	0.000445	0.0193	0.00897	0.00000506	11.3	0.0000103	0.00012	0.000125	0.000992
2050 Jan	92.9	0.0329	0.102	0.00329	30.6	0.034	29.7	0.000982	0.000982	0.00000495	0.00364	0.000445	0.0193	0.00897	0.00000506	11.3	0.0000103	0.00012	0.000125	0.000992
2050 Feb	92.9	0.0329	0.102	0.00329	30.6	0.034	29.7	0.000982	0.000982	0.00000495	0.00364	0.000445	0.0193	0.00897	0.00000506	11.3	0.0000103	0.00012	0.000125	0.000992
2050 Mar	92.9	0.0329	0.102	0.00329	30.6	0.034	29.7	0.000982	0.000982	0.00000495	0.00365	0.000445	0.0193	0.00897	0.00000506	11.3	0.0000103	0.00012	0.000125	0.000992
2050 Apr	92.9	0.0329	0.102	0.00329	30.6	0.034	29.7	0.000982	0.000982	0.00000495	0.00365	0.000445	0.0193	0.00898	0.00000506	11.3	0.0000103	0.00012	0.000125	0.000992

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	93	0.0329	0.102	0.00329	30.6	0.034	29.7	0.000983	0.000983	0.00000496	0.00365	0.000445	0.0193	0.00898	0.00000507	11.3	0.0000103	0.00012	0.000125	0.000993
2050 Jun	92.7	0.0328	0.102	0.00328	30.5	0.0339	29.7	0.000981	0.000981	0.00000495	0.00366	0.000448	0.0192	0.00901	0.00000506	11.3	0.0000104	0.00012	0.000126	0.00099
2050 Jul	92.7	0.0327	0.101	0.00328	30.4	0.0339	29.8	0.00098	0.00098	0.00000494	0.00367	0.00045	0.0193	0.00901	0.00000505	11.3	0.0000104	0.000121	0.000126	0.000989
2050 Aug	93	0.0328	0.102	0.00328	30.5	0.034	29.9	0.000982	0.000982	0.00000495	0.00368	0.000451	0.0193	0.00903	0.00000506	11.3	0.0000105	0.000121	0.000126	0.000992
2050 Sep	93.3	0.0329	0.102	0.00329	30.5	0.0341	30	0.000982	0.000982	0.00000495	0.00368	0.000452	0.0194	0.00903	0.00000506	11.4	0.0000105	0.000121	0.000126	0.000993
2050 Oct	93.4	0.033	0.102	0.00329	30.5	0.0341	30.1	0.000982	0.000982	0.00000495	0.00369	0.000453	0.0194	0.00904	0.00000507	11.4	0.0000105	0.000122	0.000126	0.000994
2050 Nov	93.5	0.033	0.102	0.00329	30.6	0.0341	30.2	0.000983	0.000983	0.00000496	0.00369	0.000453	0.0195	0.00904	0.00000507	11.4	0.0000105	0.000122	0.000126	0.000994
2050 Dec	93.5	0.033	0.102	0.00329	30.6	0.0341	30.2	0.000983	0.000983	0.00000496	0.00369	0.000453	0.0195	0.00904	0.00000507	11.4	0.0000105	0.000122	0.000126	0.000994
2051 Jan	93.6	0.033	0.102	0.00329	30.6	0.0341	30.2	0.000983	0.000983	0.00000496	0.00369	0.000453	0.0195	0.00904	0.00000507	11.4	0.0000105	0.000122	0.000126	0.000994
2051 Feb	93.6	0.033	0.102	0.00329	30.6	0.0341	30.2	0.000983	0.000983	0.00000496	0.00369	0.000453	0.0195	0.00904	0.00000507	11.4	0.0000105	0.000122	0.000126	0.000994
2051 Mar	93.6	0.033	0.102	0.00329	30.6	0.0341	30.2	0.000983	0.000983	0.00000496	0.00369	0.000453	0.0195	0.00904	0.00000507	11.4	0.0000105	0.000122	0.000126	0.000994
2051 Apr	93.6	0.033	0.102	0.00329	30.6	0.0341	30.2	0.000983	0.000983	0.00000496	0.00369	0.000453	0.0195	0.00905	0.00000507	11.4	0.0000105	0.000122	0.000126	0.000994
2051 May	93.8	0.0331	0.102	0.0033	30.6	0.0342	30.3	0.000984	0.000984	0.00000496	0.00369	0.000454	0.0195	0.00906	0.00000507	11.4	0.0000105	0.000122	0.000127	0.000996
2051 Jun	94.3	0.0331	0.102	0.00328	30.5	0.0341	30.7	0.000979	0.000979	0.00000494	0.00371	0.000461	0.0196	0.00913	0.00000505	11.6	0.0000106	0.000124	0.000128	0.000995
2051 Jul	94.4	0.0331	0.102	0.00328	30.4	0.0341	30.9	0.00098	0.00098	0.00000494	0.00372	0.000463	0.0197	0.00914	0.00000506	11.6	0.0000107	0.000125	0.000128	0.000995
2051 Aug	94.7	0.0332	0.102	0.00328	30.5	0.0342	31	0.000981	0.000981	0.00000495	0.00372	0.000465	0.0198	0.00916	0.00000506	11.6	0.0000107	0.000125	0.000128	0.000997
2051 Sep	94.9	0.0333	0.102	0.00329	30.5	0.0342	31.1	0.00098	0.00098	0.00000494	0.00373	0.000466	0.0198	0.00916	0.00000506	11.6	0.0000107	0.000125	0.000128	0.000997
2051 Oct	94.9	0.0335	0.102	0.00328	30.4	0.0342	31.2	0.000977	0.000977	0.00000493	0.00373	0.000467	0.0198	0.00916	0.00000504	11.7	0.0000107	0.000126	0.000128	0.000996
2051 Nov	95	0.0335	0.102	0.00328	30.4	0.0342	31.3	0.000977	0.000977	0.00000493	0.00373	0.000467	0.0199	0.00916	0.00000504	11.7	0.0000107	0.000126	0.000128	0.000997
2051 Dec	95	0.0335	0.102	0.00328	30.4	0.0342	31.3	0.000978	0.000978	0.00000493	0.00373	0.000467	0.0199	0.00916	0.00000504	11.7	0.0000107	0.000126	0.000128	0.000997
2052 Jan	95	0.0335	0.102	0.00328	30.4	0.0342	31.3	0.000978	0.000978	0.00000493	0.00373	0.000467	0.0199	0.00916	0.00000504	11.7	0.0000107	0.000126	0.000128	0.000997
2052 Feb	95	0.0335	0.102	0.00328	30.4	0.0342	31.3	0.000978	0.000978	0.00000493	0.00373	0.000467	0.0199	0.00916	0.00000504	11.7	0.0000107	0.000126	0.000128	0.000997
2052 Mar	95	0.0335	0.102	0.00328	30.4	0.0342	31.3	0.000978	0.000978	0.00000493	0.00373	0.000467	0.0199	0.00916	0.00000505	11.7	0.0000107	0.000126	0.000128	0.000997
2052 Apr	95.1	0.0335	0.102	0.00328	30.4	0.0342	31.3	0.000978	0.000978	0.00000493	0.00374	0.000468	0.0199	0.00917	0.00000505	11.7	0.0000107	0.000126	0.000128	0.000997
2052 May	95.1	0.0336	0.102	0.00328	30.4	0.0342	31.3	0.000978	0.000978	0.00000493	0.00374	0.000469	0.0199	0.00919	0.00000505	11.7	0.0000107	0.000126	0.000129	0.000998
2052 Jun	95.2	0.0336	0.102	0.00327	30.4	0.0342	31.3	0.000978	0.000978	0.00000493	0.00375	0.000473	0.0199	0.00928	0.00000505	11.8	0.0000108	0.000127	0.00013	0.000998
2052 Jul	95.5	0.0337	0.102	0.00328	30.4	0.0343	31.5	0.000979	0.000979	0.00000494	0.00376	0.000475	0.02	0.0093	0.00000505	11.8	0.0000108	0.000128	0.00013	0.001
2052 Aug	95.8	0.0338	0.102	0.00329	30.5	0.0344	31.6	0.000981	0.000981	0.00000495	0.00377	0.000477	0.02	0.00931	0.00000506	11.9	0.0000108	0.000128	0.00013	0.001
2052 Sep	96	0.0339	0.102	0.00329	30.5	0.0344	31.7	0.00098	0.00098	0.00000495	0.00377	0.000478	0.0201	0.00932	0.00000506	11.9	0.0000109	0.000128	0.000131	0.001
2052 Oct	96.2	0.034	0.102	0.00329	30.6	0.0345	31.9	0.00098	0.00098	0.00000495	0.00378	0.000479	0.0202	0.00932	0.00000506	11.9	0.0000109	0.000129	0.000131	0.001
2052 Nov	96.3	0.034	0.103	0.00329	30.6	0.0345	31.9	0.000981	0.000981	0.00000495	0.00378	0.000479	0.0202	0.00933	0.00000506	11.9	0.0000109	0.000129	0.000131	0.001
2052 Dec	96.3	0.034	0.103	0.00329	30.6	0.0345	31.9	0.000981	0.000981	0.00000495	0.00378	0.000479	0.0202	0.00933	0.00000506	11.9	0.0000109	0.000129	0.000131	0.001
2053 Jan	96.3	0.034	0.103	0.00329	30.6	0.0345	31.9	0.000981	0.000981	0.00000495	0.00378	0.000479	0.0202	0.00933	0.00000506	11.9	0.0000109	0.000129	0.000131	0.001
2053 Feb	96.3	0.034	0.103	0.00329	30.6	0.0345	31.9	0.000981	0.000981	0.00000495	0.00378	0.000479	0.0202	0.00933	0.00000506	11.9	0.0000109	0.000129	0.000131	0.001
2053 Mar	96.3	0.034	0.103	0.00329	30.6	0.0345	31.9	0.000981	0.000981	0.00000495	0.00378	0.000479	0.0202	0.00933	0.00000506	11.9	0.0000109	0.000129	0.000131	0.001
2053 Apr	96.3	0.034	0.103	0.00329	30.6	0.0345	31.9	0.000981	0.000981	0.00000495	0.00378	0.000479	0.0202	0.00933	0.00000506	11.9	0.0000109	0.000129	0.000131	0.001
2053 May	96.9	0.0341	0.103	0.00329	30.6	0.0346	32.2	0.000981	0.000981	0.00000495	0.00379	0.000483	0.0203	0.00939	0.00000507	12	0.0000109	0.00013	0.000132	0.00101
2053 Jun	97.1	0.0342	0.102	0.00328	30.5	0.0344	32.4	0.000978	0.000978	0.00000493	0.0038	0.000489	0.0203	0.00951	0.00000505	12.2	0.000011	0.000132	0.000134	0.00101
2053 Jul	97.4	0.0343	0.102	0.00328	30.5	0.0345	32.6	0.00098	0.00098	0.00000494	0.00381	0.000491	0.0204	0.00953	0.00000506	12.2	0.000011	0.000132	0.000134	0.00101
2053 Aug	97.9	0.0344	0.103	0.0033	30.7	0.0347	32.8	0.000982	0.000982	0.00000496	0.00382	0.000493	0.0205	0.00956	0.00000507	12.3	0.0000111	0.000133	0.000135	0.00101
2053 Sep	98.5	0.0345	0.103	0.00331	30.8	0.0348	33.1	0.000984	0.000984	0.00000496	0.00383	0.000495	0.0207	0.00957	0.00000508	12.3	0.0000111	0.000134	0.000135	0.00102
2053 Oct	98.8	0.0346	0.103	0.00331	30.8	0.0349	33.3	0.000984	0.000984	0.00000497	0.00383	0.000496	0.0208	0.00958	0.00000509	12.4	0.0000112	0.000134	0.000135	0.00102
2053 Nov	98.9	0.0346	0.104	0.00331	30.8	0.0349	33.3	0.000984	0.000984	0.00000497	0.00383	0.000496	0.0208	0.00958	0.00000509	12.4	0.0000112	0.000134	0.000135	0.00102
2053 Dec	98.9	0.0346	0.104	0.00331	30.8	0.0349	33.3	0.000984	0.000984	0.00000497	0.00383	0.000496	0.0208	0.00958	0.00000509	12.4	0.0000112	0.000134	0.000135	0.00102
2054 Jan	98.9	0.0346	0.104	0.00331	30.8	0.0349	33.3	0.000984	0.000984	0.00000497	0.00383	0.000496	0.0208	0.00958	0.00000509	12.4	0.0000112	0.000134	0.000135	0.00102
2054 Feb	98.9	0.0346	0.104	0.00331	30.8	0.0349	33.3	0.000984	0.000984	0.00000497	0.00383	0.000496	0.0208	0.00958	0.00000509	12.4	0.0000112	0.000134	0.000135	0.00102
2054 Mar	98.9	0.0346	0.104	0.00331	30.8	0.0349	33.3	0.000984	0.000984	0.00000497	0.00383	0.000496	0.0208	0.00958	0.00000509	12.4	0.0000112	0.000134	0.000135	0.00102
2054 Apr	98.9	0.0346	0.104	0.00331	30.8	0.0349	33.3	0.000985	0.000985	0.00000497	0.00383	0.000496	0.0208	0.00958	0.00000509	12.4	0.0000112	0.000134	0.000135	0.00102
2054 May	99	0.0347	0.104	0.00331	30.9	0.0349	33.4	0.000985	0.000985	0.00000497	0.00384	0.000497	0.0208	0.0096	0.00000509	12.4	0.0000112	0.000135	0.000136	0.00102
2054 Jun	98.8	0.0347	0.103	0.0033	30.7	0.0347	33.3	0.000982	0.000982	0.00000496	0.00384	0.000501	0.0208	0.00968	0.00000508	12.5	0.0000112	0.000136	0.000137	0.00102
2054 Jul	98.9	0.0347	0.103	0.0033	30.7	0.0348	33.4	0.000982	0.000982	0.00000495	0.00385	0.000503	0.0208	0.00969	0.00000507	12.5	0.0000112	0.000136	0.000137	0.00102
2054 Aug	99.2	0.0348	0.103	0.0033	30.7	0.0348	33.5	0.000983	0.000983	0.00000496	0.00386	0.000504	0.0209	0.0097	0.00000508	12.5	0.0000113	0.000136	0.000137	0.00102
2054 Sep	99.4	0.0349	0.103	0.00331	30.7	0.0349	33.6	0.000983	0.000983	0.00000496	0.00386	0.000505	0.0209	0.00971	0.00000508	12.5	0.0000113	0.000137	0.000137	0.00102
2054 Oct	99.4	0.0349	0.103	0.00331	30.7	0.0349	33.7	0.000983	0.000983	0.00000496	0.00386	0.000506	0.021	0.00971	0.00000508	12.6	0.0000113	0.000137	0.000137	0.00102
2054 Nov	99.5	0.0349	0.103	0.0033	30.7	0.0349	33.7	0.000983	0.000983	0.00000496	0.00386	0.000506	0.021	0.00971	0.00000508	12.6	0.0000113	0.000137	0.000137	0.00102
2054 Dec	99.5	0.0349	0.103	0.00331	30.7	0.0349	33.8	0.000983	0.000983	0.00000496	0.00386	0.000506	0.021	0.00971	0.00000508	12.6	0.0000113	0.000137	0.000137	0.00102
2055 Jan	99.5	0.0349	0.103	0.00331	30.7	0.0349	33.8	0.000983	0.000983	0.00000496	0.00386	0.000506	0.021	0.00971	0.00000508	12.6	0.0000113	0.000137	0.000137	0.00102
2055 Feb	99.5	0.0349	0.103	0.00331	30.7	0.0349	33.8	0.000983	0.000983	0.00000496	0.00386	0.000506	0.021	0.00971	0.00000508	12.6	0.0000113	0.000137	0.000137	0.00102
2055 Mar	99.5	0.0349	0.103	0.00331	30.7	0.0349	33.8	0.000983	0.000983	0.00000496	0.00387	0.000506	0.021	0.00971	0.00000508	12.6	0.0000113	0.000137	0.000137	0.00102
2055 Apr	99.5	0.035	0.103	0.00331	30.7	0.0349	33.8	0.000983	0.000983	0.00000496	0.00387	0.000506	0.021	0.00971	0.00000508	12.6	0.0000113	0.000137	0.000137	0.00102
2055 May	99.6	0.035	0.104	0.00331	30.8	0.035	33.8	0.000984	0.000984	0.00000496	0.00387	0.000507	0.021	0.00972	0.00000508	12.6	0.0000113	0.000137	0.000137	0.00102
2055 Jun	99.4	0.0348	0.103	0.00329	30.5	0.0348	33.9	0.000981	0.000981	0.00000495	0.00388	0.000509	0.021	0.0097	0.00000507	12.6	0.0000114	0.000138	0.000137	0.00102
2055 Jul	99.4	0.0348	0.103	0.00329	30.5	0.0348	34	0.000981	0.000981	0.00000495	0.00389	0.000511	0.021	0.00971	0.00000507	12.6	0.0000114	0.000138	0.000137	0.00102
2055 Aug	99.7	0.0349	0.103	0.0033	30.5	0.0349	34.1	0.000983	0.000983	0.00000496	0.0039	0.000512	0.0211	0.00973	0.00000508	12.6	0.0000114	0.000138	0.000137	0.00102
2055 Sep	99.9	0.0349	0.103	0.0033	30.6	0.035	34.2	0.000983	0.000983	0.00000496	0.00391	0.000513	0.0212	0.00974	0.00000508	12.6	0.0000115	0.000139	0.000138	0.00102
2055 Oct	100	0.035	0.103	0.0033	30.6	0.035	34.3	0.000984	0.000984	0.00000496	0.00391	0.000514	0.0212	0.00975	0.00000508	12.7	0.0000115	0.000139	0.000138	0.00102
2055 Nov	100	0.035	0.103	0.0033	30.6	0.035	34.3	0.000984	0.000984	0.00000496	0.00391	0.000514	0.0212	0.00975	0.00000509	12.7	0.0000115	0.000139	0.000138	0.00102
2055 Dec	100	0.035	0.103	0.0033	30.6	0.035	34.3	0.000984	0.000984	0.00000496	0.00391	0.000514	0.0212	0.00975	0.00000509	12.7	0.0000115	0.000139	0.000138	0.00102
2056 Jan	100	0.035	0.103	0.0033	30.6	0.035	34.3	0.000984	0.000984	0.00000496	0.00391	0.000514	0.0212	0.00975	0.00000509	12.7	0.0000115	0.000139	0.000138	0.00102
2056 Feb	100	0.035	0.103	0.0033	30.6	0.035	34.3	0.000984	0.000984	0.00000496	0.00391	0.000514	0.0212	0.00975	0.00000509	12.7	0.0000115	0.000139	0.000138	0.00102
2056 Mar	100	0.035	0.103	0.0033	30.6	0.035	34.3	0.000984	0.000984	0.00000496	0.00391	0.000514	0.0212	0.00975	0.00000509	12.7	0.0000115	0.000139	0.000138	0.00102
2056 Apr	100	0.035	0.103	0.0033	30.6	0.035	34.3	0.000984	0.000984	0.00000496	0.00391	0.000514	0.0212	0.00975	0.00000509	12.7	0.0000115	0.000139	0.000138	0.00102
2056 May	100	0.0351	0.103	0.0033	30.6	0.0351	34.3	0.000985	0.000985	0.00000497	0.00392	0.000516	0.0212	0.0098	0.00000509	12.7	0.0000115	0.00014	0.000138	0.00102
2056 Jun	100	0.0351	0.103	0.00329	30.5	0.0349	34.2	0.000982	0.000982	0.00000495	0.00392	0.000521	0.0212	0.0099	0.00000507	12.8	0.0000115	0.000141	0.00014	0.00102
2056 Jul	100	0.0352	0.103	0.0033	30.5	0.035	34.4	0.000984	0.000984	0.00000497	0.00394	0.000523	0.0212	0.00993	0.00000509	12.8	0.0000116	0.000141	0.000141	0.00103
2056 Aug	101	0.0353	0.103	0.0033	30.6	0.0351	34.5	0.000985	0.000985	0.00000497	0.00394	0.000525	0.0213	0.00995	0.00000509	12.9	0.0000116	0.000142	0.000141	0.00103
2056 Sep	101	0.0354	0.103	0.00331	30.6	0.0352	34.7	0.000987	0.000987	0.00000498	0.00395	0.000526	0.0214	0.00997	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	101	0.0355	0.103	0.00331	30.6	0.0352	34.8	0.000986	0.000986	0.00000498	0.00395	0.000527	0.0215	0.00996	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103
2056 Nov	101	0.0355	0.103	0.00331	30.6	0.0352	34.8	0.000986	0.000986	0.00000497	0.00395	0.000527	0.0215	0.00997	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103
2056 Dec	101	0.0355	0.103	0.00331	30.6	0.0352	34.8	0.000986	0.000986	0.00000498	0.00395	0.000527	0.0215	0.00997	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103
2057 Jan	101	0.0355	0.103	0.00331	30.6	0.0352	34.8	0.000986	0.000986	0.00000498	0.00395	0.000527	0.0215	0.00997	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103
2057 Feb	101	0.0355	0.103	0.00331	30.6	0.0352	34.8	0.000986	0.000986	0.00000498	0.00395	0.000527	0.0215	0.00997	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103
2057 Mar	101	0.0355	0.103	0.00331	30.6	0.0352	34.8	0.000986	0.000986	0.00000498	0.00395	0.000527	0.0215	0.00997	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103
2057 Apr	101	0.0355	0.104	0.00331	30.7	0.0352	34.9	0.000986	0.000986	0.00000498	0.00396	0.000527	0.0215	0.00997	0.0000051	12.9	0.0000117	0.000143	0.000141	0.00103
2057 May	101	0.0356	0.104	0.00331	30.7	0.0353	34.9	0.000987	0.000987	0.00000498	0.00396	0.000528	0.0215	0.00999	0.0000051	13	0.0000117	0.000143	0.000142	0.00103
2057 Jun	101	0.0355	0.103	0.0033	30.5	0.0351	34.8	0.000984	0.000984	0.00000497	0.00397	0.000532	0.0214	0.01	0.00000509	13	0.0000117	0.000143	0.000142	0.00103
2057 Jul	101	0.0356	0.103	0.0033	30.5	0.0352	34.9	0.000986	0.000986	0.00000497	0.00398	0.000534	0.0215	0.0101	0.0000051	13	0.0000118	0.000144	0.000143	0.00103
2057 Aug	102	0.0357	0.103	0.00331	30.6	0.0353	35.1	0.000989	0.000989	0.00000499	0.004	0.000536	0.0216	0.0101	0.00000512	13.1	0.0000118	0.000145	0.000143	0.00103
2057 Sep	102	0.0358	0.104	0.00332	30.7	0.0354	35.3	0.00099	0.00099	0.000005	0.004	0.000537	0.0217	0.0101	0.00000512	13.1	0.0000118	0.000145	0.000144	0.00104
2057 Oct	102	0.0359	0.104	0.00332	30.7	0.0354	35.5	0.00099	0.00099	0.000005	0.00401	0.000538	0.0218	0.0101	0.00000512	13.2	0.0000119	0.000146	0.000144	0.00104
2057 Nov	102	0.0359	0.104	0.00332	30.7	0.0355	35.5	0.00099	0.00099	0.000005	0.00401	0.000538	0.0218	0.0101	0.00000512	13.2	0.0000119	0.000146	0.000144	0.00104
2057 Dec	102	0.0359	0.104	0.00332	30.7	0.0355	35.5	0.00099	0.00099	0.000005	0.00401	0.000538	0.0218	0.0101	0.00000512	13.2	0.0000119	0.000146	0.000144	0.00104
2058 Jan	102	0.0359	0.104	0.00332	30.7	0.0355	35.5	0.00099	0.00099	0.000005	0.00401	0.000538	0.0218	0.0101	0.00000512	13.2	0.0000119	0.000146	0.000144	0.00104
2058 Feb	102	0.0359	0.104	0.00332	30.7	0.0355	35.5	0.00099	0.00099	0.000005	0.00401	0.000538	0.0218	0.0101	0.00000512	13.2	0.0000119	0.000146	0.000144	0.00104
2058 Mar	102	0.0359	0.104	0.00332	30.7	0.0355	35.5	0.00099	0.00099	0.000005	0.00401	0.000538	0.0218	0.0101	0.00000512	13.2	0.0000119	0.000146	0.000144	0.00104
2058 Apr	102	0.0359	0.104	0.00332	30.7	0.0355	35.5	0.00099	0.00099	0.000005	0.00401	0.000539	0.0218	0.0101	0.00000512	13.2	0.0000119	0.000146	0.000144	0.00104
2058 May	103	0.036	0.104	0.00332	30.8	0.0355	35.8	0.000991	0.000991	0.000005	0.00402	0.000542	0.0219	0.0102	0.00000513	13.3	0.0000119	0.000147	0.000145	0.00104
2058 Jun	103	0.036	0.103	0.0033	30.5	0.0354	36.2	0.000985	0.000985	0.00000497	0.00402	0.00055	0.022	0.0103	0.0000051	13.5	0.000012	0.00015	0.000147	0.00104
2058 Jul	104	0.0361	0.103	0.0033	30.5	0.0355	36.4	0.000987	0.000987	0.00000498	0.00403	0.000552	0.0221	0.0103	0.00000511	13.5	0.000012	0.00015	0.000148	0.00104
2058 Aug	104	0.0362	0.104	0.00331	30.6	0.0356	36.6	0.000989	0.000989	0.00000499	0.00404	0.000554	0.0222	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105
2058 Sep	104	0.0363	0.104	0.00332	30.7	0.0357	36.7	0.000989	0.000989	0.00000499	0.00405	0.000555	0.0223	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105
2058 Oct	104	0.0364	0.104	0.00332	30.7	0.0357	36.9	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0224	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105
2058 Nov	104	0.0364	0.104	0.00332	30.7	0.0357	36.9	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0224	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105
2058 Dec	104	0.0364	0.104	0.00332	30.7	0.0357	36.9	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0224	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105
2059 Jan	104	0.0364	0.104	0.00332	30.7	0.0357	36.9	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0224	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105
2059 Feb	104	0.0364	0.104	0.00332	30.7	0.0357	36.9	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0224	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105
2059 Mar	104	0.0364	0.104	0.00332	30.7	0.0357	36.9	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0224	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105
2059 Apr	104	0.0364	0.104	0.00332	30.7	0.0357	36.9	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0224	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105
2059 May	105	0.0365	0.104	0.00332	30.7	0.0357	36.9	0.00099	0.00099	0.000005	0.00406	0.000558	0.0224	0.0104	0.00000512	13.7	0.0000121	0.000152	0.000149	0.00105
2059 Jun	105	0.0366	0.104	0.00331	30.6	0.0357	37	0.000989	0.000989	0.00000499	0.00407	0.000562	0.0224	0.0105	0.00000512	13.8	0.0000122	0.000153	0.000151	0.00105
2059 Jul	105	0.0367	0.104	0.00333	30.8	0.0358	37.2	0.000993	0.000993	0.00000501	0.00409	0.000565	0.0225	0.0105	0.00000514	13.8	0.0000122	0.000154	0.000151	0.00105
2059 Aug	106	0.0368	0.104	0.00334	30.9	0.036	37.4	0.000996	0.000996	0.00000503	0.0041	0.000567	0.0226	0.0106	0.00000516	13.9	0.0000123	0.000154	0.000152	0.00106
2059 Sep	106	0.0369	0.105	0.00334	30.9	0.036	37.5	0.000996	0.000996	0.00000503	0.0041	0.000568	0.0227	0.0106	0.00000516	13.9	0.0000123	0.000155	0.000152	0.00106
2059 Oct	106	0.0371	0.104	0.00333	30.8	0.036	37.5	0.000994	0.000994	0.00000502	0.00411	0.000568	0.0227	0.0106	0.00000515	13.9	0.0000123	0.000155	0.000152	0.00106
2059 Nov	106	0.0371	0.104	0.00333	30.8	0.036	37.5	0.000994	0.000994	0.00000502	0.00411	0.000569	0.0227	0.0106	0.00000515	13.9	0.0000123	0.000155	0.000152	0.00106
2059 Dec	106	0.0371	0.104	0.00333	30.8	0.036	37.6	0.000994	0.000994	0.00000502	0.00411	0.000569	0.0227	0.0106	0.00000515	13.9	0.0000123	0.000155	0.000152	0.00106
2060 Jan	106	0.0371	0.104	0.00333	30.8	0.036	37.6	0.000994	0.000994	0.00000502	0.00411	0.000569	0.0227	0.0106	0.00000515	13.9	0.0000123	0.000155	0.000152	0.00106
2060 Feb	106	0.0371	0.104	0.00333	30.8	0.036	37.6	0.000994	0.000994	0.00000502	0.00411	0.000569	0.0227	0.0106	0.00000515	13.9	0.0000123	0.000155	0.000152	0.00106
2060 Mar	106	0.0371	0.104	0.00333	30.8	0.036	37.6	0.000994	0.000994	0.00000502	0.00411	0.000569	0.0227	0.0106	0.00000515	13.9	0.0000123	0.000155	0.000152	0.00106
2060 Apr	106	0.0371	0.104	0.00333	30.8	0.036	37.6	0.000994	0.000994	0.00000502	0.00411	0.000569	0.0227	0.0106	0.00000515	13.9	0.0000123	0.000155	0.000152	0.00106
2060 May	106	0.0372	0.104	0.00333	30.8	0.0361	37.6	0.000994	0.000994	0.00000502	0.00412	0.000572	0.0228	0.0106	0.00000515	14	0.0000123	0.000156	0.000153	0.00106
2060 Jun	106	0.0373	0.104	0.00332	30.7	0.0359	37.6	0.000992	0.000992	0.00000501	0.00412	0.000577	0.0227	0.0108	0.00000514	14.1	0.0000124	0.000157	0.000154	0.00106
2060 Jul	106	0.0374	0.104	0.00333	30.8	0.0361	37.8	0.000995	0.000995	0.00000502	0.00414	0.000579	0.0228	0.0108	0.00000515	14.1	0.0000124	0.000158	0.000155	0.00106
2060 Aug	107	0.0375	0.104	0.00334	30.8	0.0361	37.9	0.000996	0.000996	0.00000503	0.00415	0.000581	0.0229	0.0108	0.00000516	14.2	0.0000125	0.000158	0.000155	0.00106
2060 Sep	107	0.0375	0.104	0.00333	30.8	0.0362	38	0.000994	0.000994	0.00000502	0.00415	0.000582	0.023	0.0108	0.00000515	14.2	0.0000125	0.000158	0.000155	0.00106
2060 Oct	107	0.0376	0.104	0.00333	30.7	0.0362	38.2	0.000994	0.000994	0.00000502	0.00415	0.000583	0.023	0.0108	0.00000515	14.2	0.0000125	0.000159	0.000155	0.00106
2060 Nov	107	0.0376	0.104	0.00333	30.7	0.0362	38.2	0.000994	0.000994	0.00000502	0.00415	0.000583	0.023	0.0108	0.00000515	14.2	0.0000125	0.000159	0.000155	0.00106
2060 Dec	107	0.0376	0.104	0.00333	30.7	0.0362	38.2	0.000994	0.000994	0.00000502	0.00415	0.000583	0.023	0.0108	0.00000515	14.2	0.0000125	0.000159	0.000155	0.00106
2061 Jan	107	0.0376	0.104	0.00333	30.7	0.0362	38.3	0.000994	0.000994	0.00000502	0.00415	0.000583	0.023	0.0108	0.00000515	14.2	0.0000125	0.000159	0.000155	0.00106
2061 Feb	107	0.0376	0.104	0.00333	30.7	0.0362	38.3	0.000994	0.000994	0.00000502	0.00415	0.000583	0.023	0.0108	0.00000515	14.2	0.0000125	0.000159	0.000155	0.00106
2061 Mar	107	0.0376	0.104	0.00333	30.7	0.0362	38.3	0.000994	0.000994	0.00000502	0.00415	0.000583	0.023	0.0108	0.00000515	14.2	0.0000125	0.000159	0.000155	0.00106
2061 Apr	107	0.0376	0.104	0.00333	30.7	0.0362	38.3	0.000994	0.000994	0.00000502	0.00415	0.000584	0.023	0.0108	0.00000515	14.2	0.0000125	0.000159	0.000155	0.00106
2061 May	107	0.0377	0.104	0.00333	30.7	0.0362	38.4	0.000994	0.000994	0.00000502	0.00416	0.000587	0.0231	0.0109	0.00000515	14.3	0.0000125	0.00016	0.000156	0.00107
2061 Jun	107	0.0377	0.103	0.0033	30.5	0.0361	38.5	0.00099	0.00099	0.000005	0.00416	0.000592	0.0231	0.011	0.00000513	14.4	0.0000126	0.000161	0.000158	0.00106
2061 Jul	107	0.0378	0.104	0.00332	30.6	0.0362	38.7	0.000993	0.000993	0.00000501	0.00418	0.000594	0.0232	0.011	0.00000515	14.4	0.0000126	0.000162	0.000159	0.00107
2061 Aug	108	0.038	0.104	0.00333	30.7	0.0363	38.9	0.000996	0.000996	0.00000503	0.00419	0.000597	0.0233	0.011	0.00000516	14.5	0.0000127	0.000162	0.000159	0.00107
2061 Sep	108	0.038	0.104	0.00333	30.7	0.0364	39.1	0.000996	0.000996	0.00000503	0.00419	0.000598	0.0234	0.011	0.00000516	14.5	0.0000127	0.000163	0.000159	0.00107
2061 Oct	108	0.0381	0.104	0.00333	30.7	0.0364	39.2	0.000995	0.000995	0.00000502	0.00419	0.000598	0.0234	0.011	0.00000516	14.6	0.0000127	0.000163	0.000159	0.00107
2061 Nov	108	0.0382	0.104	0.00333	30.7	0.0364	39.3	0.000994	0.000994	0.00000502	0.0042	0.000599	0.0235	0.011	0.00000515	14.6	0.0000127	0.000163	0.000159	0.00107
2061 Dec	108	0.0382	0.104	0.00333	30.7	0.0364	39.3	0.000994	0.000994	0.00000502	0.0042	0.000599	0.0235	0.011	0.00000515	14.6	0.0000127	0.000163	0.000159	0.00107
2062 Jan	108	0.0382	0.104	0.00333	30.7	0.0365	39.3	0.000994	0.000994	0.00000502	0.0042	0.000599	0.0235	0.011	0.00000515	14.6	0.0000127	0.000163	0.000159	0.00107
2062 Feb	108	0.0382	0.104	0.00333	30.7	0.0365	39.3	0.000994	0.000994	0.00000502	0.0042	0.000599	0.0235	0.011	0.00000515	14.6	0.0000127	0.000163	0.000159	0.00107
2062 Mar	108	0.0382	0.104	0.00333	30.7	0.0365	39.3	0.000994	0.000994	0.00000502	0.0042	0.000599	0.0235	0.011	0.00000516	14.6	0.0000127	0.000163	0.000159	0.00107
2062 Apr	108	0.0382	0.104	0.00333	30.7	0.0365	39.3	0.000995	0.000995	0.00000502	0.0042	0.000599	0.0235	0.011	0.00000516	14.6	0.0000127	0.000163	0.000159	0.00107
2062 May	108	0.0382	0.104	0.00333	30.7	0.0365	39.3	0.000995	0.000995	0.00000503	0.0042	0.000599	0.0235	0.011	0.00000516	14.6	0.0000127	0.000164	0.000159	0.00107
2062 Jun	108	0.038	0.104	0.00332	30.5	0.0364	39.2	0.000993	0.000993	0.00000501	0.00421	0.0006	0.0234	0.011	0.00000515	14.6	0.0000127	0.000164	0.000159	0.00107
2062 Jul	108	0.0379	0.103	0.00331	30.4	0.0363	39.2	0.000993	0.000993	0.00000501	0.00422	0.000601	0.0234	0.011	0.00000515	14.6	0.0000128	0.000164	0.000159	0.00107
2062 Aug	108	0.038	0.103	0.00332	30.5	0.0364	39.4	0.000994	0.000994	0.00000502	0.00423	0.000603	0.0235	0.011	0.00000515	14.6	0.0000128	0.000164	0.000159	0.00107
2062 Sep	108	0.0381	0.103	0.00331	30.4	0.0364	39.5	0.000993	0.000993	0.00000501	0.00423	0.000604	0.0236	0.011	0.00000515	14.6	0.0000128	0.000165	0.000159	0.00107
2062 Oct	108	0.0382	0.103	0.0033	30.2	0.0364	39.7	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0236	0.011	0.00000513	14.6	0.0000128	0.000164	0.000158	0.00107
2062 Nov	108	0.0382	0.103	0.0033	30.2	0.0364	39.7	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0236	0.011	0.00000513	14.6	0.0000128	0.000165	0.000158	0.00107
2062 Dec	108	0.0382	0.103	0.0033	30.2	0.0364	39.7	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0236	0.011	0.00000513	14.6	0.0000128	0.000165	0.000158	0.00107
2063 Jan	108	0.0382	0.103	0.0033	30.2	0.0364	39.7	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0236	0.011	0.00000513	14.6	0.0000128	0.000165	0.000158	0.00107
2063 Feb	108	0.0382	0.103	0.0033	30.2	0.0364	39.7	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0236	0.011	0.00000513	14.6	0.0000128	0.000165	0.000158	0.00107

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	108	0.0382	0.103	0.0033	30.2	0.0364	39.7	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0236	0.011	0.00000513	14.6	0.0000128	0.000165	0.000158	0.00107
2063 Apr	108	0.0382	0.103	0.0033	30.2	0.0364	39.7	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0236	0.011	0.00000513	14.6	0.0000128	0.000165	0.000158	0.00107
2063 May	108	0.0383	0.103	0.0033	30.2	0.0364	39.7	0.000989	0.000989	0.000005	0.00424	0.000607	0.0236	0.0111	0.00000513	14.7	0.0000128	0.000165	0.000159	0.00107
2063 Jun	108	0.0382	0.101	0.00326	29.9	0.0361	39.5	0.000983	0.000983	0.00000496	0.00424	0.000613	0.0234	0.0112	0.0000051	14.7	0.0000129	0.000166	0.000161	0.00107
2063 Jul	108	0.0382	0.101	0.00326	29.8	0.0361	39.6	0.000983	0.000983	0.00000496	0.00424	0.000614	0.0234	0.0112	0.0000051	14.7	0.0000129	0.000166	0.000161	0.00107
2063 Aug	108	0.0383	0.102	0.00327	29.9	0.0363	39.8	0.000986	0.000986	0.00000498	0.00426	0.000616	0.0235	0.0112	0.00000511	14.8	0.0000129	0.000167	0.000161	0.00107
2063 Sep	108	0.0384	0.102	0.00327	29.9	0.0363	40	0.000987	0.000987	0.00000498	0.00426	0.000617	0.0236	0.0112	0.00000512	14.8	0.000013	0.000167	0.000162	0.00107
2063 Oct	109	0.0385	0.102	0.00327	29.9	0.0363	40.1	0.000986	0.000986	0.00000498	0.00426	0.000618	0.0237	0.0112	0.00000511	14.8	0.000013	0.000168	0.000162	0.00107
2063 Nov	109	0.0385	0.102	0.00327	29.9	0.0364	40.1	0.000986	0.000986	0.00000498	0.00427	0.000618	0.0237	0.0112	0.00000511	14.8	0.000013	0.000168	0.000162	0.00107
2063 Dec	109	0.0385	0.102	0.00327	29.9	0.0364	40.1	0.000986	0.000986	0.00000498	0.00427	0.000618	0.0237	0.0112	0.00000511	14.9	0.000013	0.000168	0.000162	0.00107
2064 Jan	109	0.0385	0.102	0.00327	29.9	0.0364	40.2	0.000986	0.000986	0.00000498	0.00427	0.000618	0.0237	0.0112	0.00000511	14.9	0.000013	0.000168	0.000162	0.00107
2064 Feb	109	0.0385	0.102	0.00327	29.9	0.0364	40.2	0.000986	0.000986	0.00000498	0.00427	0.000618	0.0237	0.0112	0.00000511	14.9	0.000013	0.000168	0.000162	0.00107
2064 Mar	109	0.0385	0.102	0.00327	29.9	0.0364	40.2	0.000986	0.000986	0.00000498	0.00427	0.000618	0.0237	0.0112	0.00000511	14.9	0.000013	0.000168	0.000162	0.00107
2064 Apr	109	0.0385	0.102	0.00327	29.9	0.0364	40.2	0.000986	0.000986	0.00000498	0.00427	0.000618	0.0237	0.0112	0.00000512	14.9	0.000013	0.000168	0.000162	0.00107
2064 May	109	0.0386	0.102	0.00327	29.9	0.0364	40.3	0.000986	0.000986	0.00000498	0.00427	0.000621	0.0237	0.0113	0.00000512	14.9	0.000013	0.000169	0.000163	0.00107
2064 Jun	109	0.0386	0.101	0.00325	29.7	0.0362	40.4	0.000982	0.000982	0.00000496	0.00427	0.000627	0.0237	0.0114	0.00000509	15	0.0000131	0.00017	0.000165	0.00107
2064 Jul	109	0.0387	0.101	0.00326	29.7	0.0363	40.6	0.000984	0.000984	0.00000497	0.00429	0.000629	0.0238	0.0114	0.0000051	15.1	0.0000131	0.000171	0.000165	0.00107
2064 Aug	109	0.0387	0.101	0.00326	29.8	0.0364	40.7	0.000985	0.000985	0.00000497	0.00429	0.000631	0.0239	0.0114	0.00000511	15.1	0.0000131	0.000171	0.000165	0.00108
2064 Sep	110	0.0388	0.101	0.00326	29.8	0.0365	40.9	0.000984	0.000984	0.00000497	0.0043	0.000632	0.024	0.0114	0.00000511	15.2	0.0000131	0.000172	0.000165	0.00108
2064 Oct	110	0.0388	0.101	0.00326	29.8	0.0365	41.1	0.000984	0.000984	0.00000497	0.0043	0.000633	0.0241	0.0114	0.00000511	15.2	0.0000132	0.000172	0.000166	0.00108
2064 Nov	110	0.0389	0.101	0.00326	29.8	0.0366	41.2	0.000985	0.000985	0.00000497	0.0043	0.000634	0.0241	0.0114	0.00000511	15.2	0.0000132	0.000172	0.000166	0.00108
2064 Dec	110	0.0389	0.101	0.00326	29.8	0.0366	41.2	0.000985	0.000985	0.00000497	0.0043	0.000634	0.0241	0.0114	0.00000511	15.2	0.0000132	0.000172	0.000166	0.00108
2065 Jan	110	0.0389	0.101	0.00326	29.8	0.0366	41.2	0.000985	0.000985	0.00000497	0.0043	0.000634	0.0241	0.0114	0.00000511	15.2	0.0000132	0.000172	0.000166	0.00108
2065 Feb	110	0.0389	0.101	0.00326	29.8	0.0366	41.2	0.000985	0.000985	0.00000497	0.0043	0.000634	0.0241	0.0114	0.00000511	15.2	0.0000132	0.000172	0.000166	0.00108
2065 Mar	110	0.0389	0.101	0.00326	29.8	0.0366	41.2	0.000985	0.000985	0.00000497	0.0043	0.000634	0.0241	0.0114	0.00000511	15.2	0.0000132	0.000172	0.000166	0.00108
2065 Apr	110	0.0389	0.101	0.00326	29.8	0.0366	41.2	0.000985	0.000985	0.00000497	0.0043	0.000634	0.0241	0.0114	0.00000511	15.2	0.0000132	0.000172	0.000166	0.00108
2065 May	110	0.0389	0.101	0.00326	29.8	0.0366	41.3	0.000986	0.000986	0.00000498	0.00431	0.000636	0.0242	0.0115	0.00000512	15.3	0.0000132	0.000173	0.000167	0.00108
2065 Jun	110	0.0389	0.101	0.00325	29.6	0.0365	41.3	0.000983	0.000983	0.00000496	0.00431	0.00064	0.0241	0.0116	0.0000051	15.3	0.0000132	0.000174	0.000168	0.00108
2065 Jul	111	0.0391	0.101	0.00326	29.7	0.0366	41.5	0.000986	0.000986	0.00000498	0.00433	0.000643	0.0242	0.0116	0.00000512	15.4	0.0000133	0.000175	0.000169	0.00108
2065 Aug	111	0.0392	0.101	0.00327	29.8	0.0367	41.7	0.000988	0.000988	0.00000499	0.00434	0.000645	0.0243	0.0117	0.00000513	15.5	0.0000133	0.000176	0.000169	0.00109
2065 Sep	111	0.0393	0.101	0.00327	29.8	0.0368	41.9	0.000987	0.000987	0.00000498	0.00435	0.000646	0.0244	0.0116	0.00000512	15.5	0.0000133	0.000176	0.000169	0.00109
2065 Oct	111	0.0394	0.101	0.00325	29.6	0.0368	42	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0245	0.0116	0.00000511	15.5	0.0000133	0.000176	0.000169	0.00109
2065 Nov	111	0.0394	0.101	0.00325	29.6	0.0368	42.1	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0245	0.0116	0.00000511	15.5	0.0000133	0.000176	0.000169	0.00109
2065 Dec	111	0.0394	0.101	0.00325	29.6	0.0368	42.1	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0245	0.0116	0.00000511	15.5	0.0000133	0.000176	0.000169	0.00109
2066 Jan	111	0.0394	0.101	0.00325	29.6	0.0368	42.1	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0245	0.0116	0.00000511	15.5	0.0000134	0.000176	0.000169	0.00109
2066 Feb	111	0.0394	0.101	0.00325	29.6	0.0368	42.1	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0245	0.0116	0.00000511	15.5	0.0000134	0.000176	0.000169	0.00109
2066 Mar	111	0.0394	0.101	0.00325	29.6	0.0368	42.1	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0245	0.0116	0.00000511	15.5	0.0000134	0.000176	0.000169	0.00109
2066 Apr	111	0.0395	0.101	0.00325	29.6	0.0368	42.1	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0245	0.0116	0.00000511	15.5	0.0000134	0.000176	0.000169	0.00109
2066 May	111	0.0395	0.101	0.00326	29.6	0.0368	42.1	0.000985	0.000985	0.00000497	0.00435	0.000648	0.0245	0.0116	0.00000511	15.5	0.0000134	0.000176	0.000169	0.00109
2066 Jun	111	0.0393	0.1	0.00323	29.4	0.0366	41.9	0.000981	0.000981	0.00000495	0.00436	0.000651	0.0244	0.0117	0.00000509	15.5	0.0000134	0.000177	0.000169	0.00108
2066 Jul	111	0.0395	0.1	0.00324	29.5	0.0367	42.2	0.000984	0.000984	0.00000497	0.00438	0.000654	0.0245	0.0117	0.00000511	15.6	0.0000135	0.000177	0.00017	0.00109
2066 Aug	112	0.0396	0.101	0.00325	29.5	0.0369	42.4	0.000987	0.000987	0.00000498	0.00439	0.000656	0.0246	0.0117	0.00000513	15.7	0.0000135	0.000178	0.00017	0.00109
2066 Sep	112	0.0397	0.101	0.00326	29.6	0.0369	42.6	0.000987	0.000987	0.00000499	0.0044	0.000657	0.0247	0.0118	0.00000513	15.7	0.0000135	0.000179	0.00017	0.00109
2066 Oct	112	0.0397	0.101	0.00325	29.5	0.037	42.7	0.000986	0.000986	0.00000498	0.0044	0.000658	0.0248	0.0117	0.00000512	15.7	0.0000135	0.000179	0.00017	0.00109
2066 Nov	112	0.0398	0.101	0.00325	29.5	0.037	42.7	0.000986	0.000986	0.00000498	0.0044	0.000658	0.0248	0.0117	0.00000512	15.7	0.0000135	0.000179	0.00017	0.00109
2066 Dec	112	0.0398	0.101	0.00325	29.5	0.037	42.7	0.000986	0.000986	0.00000498	0.0044	0.000658	0.0248	0.0117	0.00000512	15.7	0.0000135	0.000179	0.00017	0.00109
2067 Jan	112	0.0398	0.101	0.00325	29.5	0.037	42.7	0.000986	0.000986	0.00000498	0.0044	0.000658	0.0248	0.0117	0.00000512	15.7	0.0000135	0.000179	0.00017	0.00109
2067 Feb	112	0.0398	0.101	0.00325	29.5	0.037	42.8	0.000986	0.000986	0.00000498	0.0044	0.000658	0.0248	0.0117	0.00000512	15.7	0.0000136	0.000179	0.00017	0.00109
2067 Mar	112	0.0398	0.101	0.00326	29.5	0.037	42.8	0.000986	0.000986	0.00000498	0.0044	0.000658	0.0248	0.0117	0.00000512	15.7	0.0000136	0.000179	0.00017	0.00109
2067 Apr	112	0.0398	0.101	0.00326	29.5	0.037	42.8	0.000986	0.000986	0.00000498	0.0044	0.000658	0.0248	0.0118	0.00000512	15.7	0.0000136	0.000179	0.00017	0.00109
2067 May	112	0.0399	0.101	0.00326	29.6	0.037	42.8	0.000987	0.000987	0.00000499	0.00441	0.00066	0.0248	0.0118	0.00000513	15.8	0.0000136	0.00018	0.000171	0.00109
2067 Jun	112	0.0399	0.1	0.00324	29.4	0.0369	42.7	0.000985	0.000985	0.00000497	0.00441	0.000664	0.0247	0.0119	0.00000512	15.8	0.0000136	0.00018	0.000172	0.00109
2067 Jul	112	0.04	0.101	0.00326	29.5	0.037	42.9	0.000988	0.000988	0.00000499	0.00443	0.000667	0.0248	0.0119	0.00000513	15.9	0.0000137	0.000181	0.000173	0.0011
2067 Aug	113	0.0401	0.101	0.00326	29.6	0.0371	43.1	0.00099	0.00099	0.000005	0.00444	0.000669	0.0249	0.0119	0.00000514	15.9	0.0000137	0.000182	0.000173	0.0011
2067 Sep	113	0.0402	0.101	0.00327	29.6	0.0372	43.2	0.00099	0.00099	0.000005	0.00444	0.00067	0.025	0.012	0.00000515	16	0.0000137	0.000182	0.000174	0.0011
2067 Oct	113	0.0402	0.101	0.00326	29.6	0.0372	43.3	0.000989	0.000989	0.00000499	0.00445	0.00067	0.0251	0.0119	0.00000514	16	0.0000137	0.000182	0.000173	0.0011
2067 Nov	113	0.0403	0.101	0.00326	29.5	0.0372	43.4	0.000989	0.000989	0.00000499	0.00445	0.000671	0.0251	0.0119	0.00000514	16	0.0000137	0.000183	0.000173	0.0011
2067 Dec	113	0.0403	0.101	0.00326	29.6	0.0372	43.4	0.000989	0.000989	0.00000499	0.00445	0.000671	0.0251	0.0119	0.00000514	16	0.0000137	0.000183	0.000173	0.0011
2068 Jan	113	0.0403	0.101	0.00326	29.6	0.0372	43.4	0.000989	0.000989	0.00000499	0.00445	0.000671	0.0251	0.0119	0.00000514	16	0.0000137	0.000183	0.000173	0.0011
2068 Feb	113	0.0403	0.101	0.00326	29.6	0.0372	43.4	0.000989	0.000989	0.00000499	0.00445	0.000671	0.0251	0.0119	0.00000514	16	0.0000137	0.000183	0.000173	0.0011
2068 Mar	113	0.0403	0.101	0.00326	29.6	0.0372	43.4	0.000989	0.000989	0.000005	0.00445	0.000671	0.0251	0.0119	0.00000514	16	0.0000137	0.000183	0.000174	0.0011
2068 Apr	113	0.0403	0.101	0.00326	29.6	0.0373	43.4	0.000989	0.000989	0.000005	0.00445	0.000671	0.0251	0.0119	0.00000514	16	0.0000137	0.000183	0.000174	0.0011
2068 May	113	0.0404	0.101	0.00326	29.6	0.0373	43.4	0.00099	0.00099	0.000005	0.00446	0.000673	0.0251	0.012	0.00000514	16	0.0000138	0.000183	0.000174	0.0011
2068 Jun	113	0.0403	0.0997	0.00323	29.2	0.037	43.3	0.000984	0.000984	0.00000497	0.00445	0.000677	0.025	0.0121	0.00000511	16.1	0.0000138	0.000184	0.000176	0.0011
2068 Jul	113	0.0403	0.0998	0.00324	29.3	0.0371	43.5	0.000985	0.000985	0.00000497	0.00446	0.00068	0.0251	0.0121	0.00000512	16.1	0.0000138	0.000184	0.000176	0.0011
2068 Aug	114	0.0405	0.1	0.00325	29.4	0.0372	43.7	0.000988	0.000988	0.00000499	0.00448	0.000682	0.0252	0.0121	0.00000514	16.2	0.0000139	0.000185	0.000177	0.0011
2068 Sep	114	0.0405	0.1	0.00325	29.4	0.0373	43.8	0.000988	0.000988	0.00000499	0.00448	0.000683	0.0252	0.0121	0.00000514	16.2	0.0000139	0.000186	0.000177	0.0011
2068 Oct	114	0.0406	0.1	0.00325	29.4	0.0373	43.9	0.000988	0.000988	0.00000499	0.00448	0.000684	0.0253	0.0122	0.00000514	16.2	0.0000139	0.000186	0.000177	0.00111
2068 Nov	114	0.0406	0.1	0.00325	29.4	0.0373	43.9	0.000988	0.000988	0.00000499	0.00449	0.000684	0.0253	0.0122	0.00000514	16.2	0.0000139	0.000186	0.000177	0.00111
2068 Dec	114	0.0406	0.1	0.00325	29.4	0.0373	43.9	0.000989	0.000989	0.00000499	0.00449	0.000684	0.0253	0.0122	0.00000514	16.2	0.0000139	0.000186	0.000177	0.00111
2069 Jan	114	0.0406	0.1	0.00325	29.4	0.0373	43.9	0.000989	0.000989	0.00000499	0.00449	0.000684	0.0253	0.0122	0.00000514	16.2	0.0000139	0.000186	0.000177	0.00111
2069 Feb	114	0.0406	0.1	0.00325	29.4	0.0373	43.9	0.000989	0.000989	0.00000499	0.00449	0.000684	0.0253	0.0122	0.00000514	16.2	0.0000139	0.000186	0.000177	0.00111
2069 Mar	114	0.0406	0.1	0.00325	29.4	0.0373	43.9	0.000989	0.000989	0.00000499	0.00449	0.000684	0.0253	0.0122	0.00000514	16.2	0.0000139	0.000186	0.000177	0.00111
2069 Apr	114	0.0406	0.1	0.00325	29.4	0.0373	44	0.000989	0.000989	0.00000499	0.00449	0.000684	0.0253	0.0122	0.00000514	16.3	0.0000139	0.000186	0.000177	0.00111
2069 May	114	0.0407	0.1	0.00326	29.4	0.0374	44	0.00099	0.00099	0.000005	0.00449	0.000685	0.0253	0.0122	0.00000514	16.3	0.0000139	0.000186	0.000177	0.00111
2069 Jun	114	0.0405	0.0999	0.00324	29.2	0.0372	43.8	0.000988	0.000988	0.00000499	0.0045	0.000687	0.0253	0.0122	0.00000513	16.2	0.0000139	0.000186	0.000177	0.0011
2069 Jul	114	0.0406	0.1	0.00325	29.3	0.0373	44	0.00099	0.00099	0.000005	0.00451	0.000689	0.0253	0.0122	0.00000514	16.3	0.000014	0.000187	0.000178	0.00111

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	114	0.0407	0.1	0.00326	29.3	0.0374	44.2	0.000992	0.000992	0.00000501	0.00452	0.000691	0.0254	0.0122	0.00000515	16.4	0.000014	0.000188	0.000178	0.00111
2069 Sep	114	0.0408	0.1	0.00325	29.3	0.0374	44.3	0.00099	0.00099	0.000005	0.00452	0.000691	0.0255	0.0122	0.00000515	16.4	0.000014	0.000188	0.000178	0.00111
2069 Oct	114	0.0409	0.0998	0.00324	29.2	0.0374	44.3	0.000987	0.000987	0.00000499	0.00452	0.000691	0.0254	0.0122	0.00000513	16.3	0.000014	0.000188	0.000177	0.00111
2069 Nov	114	0.0409	0.0997	0.00324	29.2	0.0374	44.3	0.000987	0.000987	0.00000499	0.00453	0.000692	0.0255	0.0122	0.00000513	16.3	0.000014	0.000188	0.000177	0.00111
2069 Dec	114	0.0409	0.0997	0.00324	29.2	0.0374	44.3	0.000987	0.000987	0.00000499	0.00453	0.000692	0.0255	0.0122	0.00000513	16.3	0.000014	0.000188	0.000177	0.00111
2070 Jan	114	0.0409	0.0997	0.00324	29.2	0.0374	44.3	0.000987	0.000987	0.00000499	0.00453	0.000692	0.0255	0.0122	0.00000513	16.3	0.000014	0.000188	0.000177	0.00111
2070 Feb	114	0.0409	0.0997	0.00324	29.2	0.0374	44.3	0.000987	0.000987	0.00000499	0.00453	0.000692	0.0255	0.0122	0.00000513	16.3	0.000014	0.000188	0.000177	0.00111
2070 Mar	114	0.0409	0.0998	0.00324	29.2	0.0374	44.3	0.000987	0.000987	0.00000499	0.00453	0.000692	0.0255	0.0122	0.00000513	16.3	0.000014	0.000188	0.000177	0.00111
2070 Apr	114	0.0409	0.0998	0.00324	29.2	0.0374	44.3	0.000988	0.000988	0.00000499	0.00453	0.000692	0.0255	0.0122	0.00000513	16.4	0.000014	0.000188	0.000177	0.00111
2070 May	114	0.041	0.0998	0.00324	29.2	0.0374	44.3	0.000988	0.000988	0.00000499	0.00453	0.000694	0.0255	0.0123	0.00000514	16.4	0.000014	0.000188	0.000178	0.00111
2070 Jun	114	0.041	0.0993	0.00323	29.1	0.0373	44.2	0.000986	0.000986	0.00000498	0.00454	0.000698	0.0254	0.0123	0.00000513	16.4	0.0000141	0.000189	0.00018	0.00111
2070 Jul	114	0.0412	0.0996	0.00324	29.1	0.0374	44.4	0.000989	0.000989	0.000005	0.00455	0.0007	0.0255	0.0124	0.00000514	16.5	0.0000141	0.00019	0.00018	0.00111
2070 Aug	115	0.0413	0.0998	0.00325	29.2	0.0375	44.5	0.000991	0.000991	0.00000501	0.00456	0.000702	0.0256	0.0124	0.00000515	16.5	0.0000142	0.00019	0.000181	0.00111
2070 Sep	115	0.0413	0.0998	0.00325	29.2	0.0375	44.6	0.00099	0.00099	0.000005	0.00457	0.000703	0.0256	0.0124	0.00000515	16.6	0.0000142	0.00019	0.00018	0.00111
2070 Oct	115	0.0414	0.0996	0.00324	29.1	0.0375	44.6	0.000989	0.000989	0.00000499	0.00457	0.000703	0.0256	0.0124	0.00000514	16.5	0.0000142	0.00019	0.00018	0.00111
2070 Nov	115	0.0414	0.0996	0.00324	29.1	0.0375	44.7	0.000989	0.000989	0.00000499	0.00457	0.000703	0.0256	0.0124	0.00000514	16.6	0.0000142	0.00019	0.00018	0.00111
2070 Dec	115	0.0414	0.0996	0.00324	29.1	0.0375	44.7	0.000989	0.000989	0.00000499	0.00457	0.000703	0.0256	0.0124	0.00000514	16.6	0.0000142	0.00019	0.00018	0.00111
2071 Jan	115	0.0414	0.0996	0.00324	29.1	0.0375	44.7	0.000989	0.000989	0.00000499	0.00457	0.000703	0.0256	0.0124	0.00000514	16.6	0.0000142	0.00019	0.00018	0.00111
2071 Feb	115	0.0414	0.0996	0.00324	29.1	0.0375	44.7	0.000989	0.000989	0.00000499	0.00457	0.000703	0.0256	0.0124	0.00000514	16.6	0.0000142	0.00019	0.00018	0.00111
2071 Mar	115	0.0414	0.0996	0.00324	29.1	0.0375	44.7	0.000989	0.000989	0.00000499	0.00457	0.000703	0.0256	0.0124	0.00000514	16.6	0.0000142	0.00019	0.00018	0.00111
2071 Apr	115	0.0414	0.0996	0.00324	29.1	0.0375	44.7	0.000989	0.000989	0.000005	0.00457	0.000703	0.0256	0.0124	0.00000514	16.6	0.0000142	0.00019	0.00018	0.00111
2071 May	115	0.0415	0.0995	0.00324	29.1	0.0375	44.7	0.000989	0.000989	0.000005	0.00457	0.000705	0.0256	0.0124	0.00000514	16.6	0.0000142	0.000191	0.000181	0.00111
2071 Jun	114	0.0414	0.0988	0.00322	28.9	0.0373	44.5	0.000985	0.000985	0.00000498	0.00457	0.000708	0.0255	0.0125	0.00000512	16.6	0.0000142	0.000191	0.000182	0.00111
2071 Jul	115	0.0415	0.0989	0.00323	28.9	0.0374	44.6	0.000987	0.000987	0.00000499	0.00458	0.00071	0.0255	0.0125	0.00000513	16.6	0.0000142	0.000192	0.000182	0.00111
2071 Aug	115	0.0416	0.0992	0.00323	29	0.0375	44.8	0.000989	0.000989	0.000005	0.00459	0.000712	0.0256	0.0126	0.00000514	16.7	0.0000143	0.000192	0.000183	0.00111
2071 Sep	115	0.0417	0.0992	0.00323	29	0.0375	44.8	0.000988	0.000988	0.00000499	0.00459	0.000712	0.0257	0.0126	0.00000514	16.7	0.0000143	0.000192	0.000183	0.00111
2071 Oct	115	0.0417	0.0991	0.00323	28.9	0.0375	44.8	0.000988	0.000988	0.00000499	0.0046	0.000713	0.0257	0.0126	0.00000514	16.7	0.0000143	0.000192	0.000183	0.00111
2071 Nov	115	0.0418	0.0991	0.00323	28.9	0.0375	44.8	0.000987	0.000987	0.00000499	0.0046	0.000713	0.0257	0.0126	0.00000513	16.7	0.0000143	0.000192	0.000183	0.00111
2071 Dec	115	0.0418	0.0991	0.00323	28.9	0.0375	44.8	0.000987	0.000987	0.00000499	0.0046	0.000713	0.0257	0.0126	0.00000513	16.7	0.0000143	0.000192	0.000183	0.00111
2072 Jan	115	0.0418	0.0991	0.00323	28.9	0.0375	44.8	0.000987	0.000987	0.00000499	0.0046	0.000713	0.0257	0.0126	0.00000513	16.7	0.0000143	0.000192	0.000183	0.00111
2072 Feb	115	0.0418	0.0991	0.00323	28.9	0.0375	44.8	0.000987	0.000987	0.00000499	0.0046	0.000713	0.0257	0.0126	0.00000514	16.7	0.0000143	0.000192	0.000183	0.00111
2072 Mar	115	0.0418	0.0991	0.00323	28.9	0.0375	44.8	0.000987	0.000987	0.00000499	0.0046	0.000713	0.0257	0.0126	0.00000514	16.7	0.0000143	0.000192	0.000183	0.00111
2072 Apr	115	0.0418	0.0991	0.00323	28.9	0.0375	44.9	0.000988	0.000988	0.00000499	0.0046	0.000713	0.0257	0.0126	0.00000514	16.7	0.0000143	0.000192	0.000183	0.00111
2072 May	115	0.0418	0.0992	0.00323	29	0.0376	44.9	0.000989	0.000989	0.00000499	0.0046	0.000714	0.0257	0.0126	0.00000514	16.7	0.0000143	0.000193	0.000183	0.00112
2072 Jun	115	0.0417	0.0988	0.00323	28.8	0.0375	44.8	0.000988	0.000988	0.00000499	0.00461	0.000714	0.0257	0.0126	0.00000514	16.7	0.0000143	0.000193	0.000182	0.00111
2072 Jul	115	0.0417	0.0989	0.00323	28.9	0.0375	44.9	0.000989	0.000989	0.000005	0.00462	0.000716	0.0257	0.0126	0.00000514	16.7	0.0000143	0.000193	0.000183	0.00111
2072 Aug	115	0.0418	0.0989	0.00323	28.8	0.0376	45	0.000989	0.000989	0.000005	0.00463	0.000717	0.0258	0.0126	0.00000514	16.7	0.0000143	0.000193	0.000183	0.00112
2072 Sep	115	0.0418	0.0988	0.00323	28.8	0.0376	45	0.000989	0.000989	0.00000499	0.00463	0.000718	0.0258	0.0126	0.00000514	16.7	0.0000143	0.000193	0.000183	0.00111
2072 Oct	115	0.0419	0.0986	0.00322	28.7	0.0376	45	0.000987	0.000987	0.00000498	0.00463	0.000718	0.0258	0.0126	0.00000513	16.7	0.0000143	0.000193	0.000182	0.00111
2072 Nov	115	0.0419	0.0985	0.00322	28.7	0.0376	45	0.000987	0.000987	0.00000498	0.00463	0.000718	0.0258	0.0126	0.00000513	16.7	0.0000143	0.000193	0.000182	0.00111
2072 Dec	115	0.0419	0.0985	0.00322	28.7	0.0376	45	0.000987	0.000987	0.00000498	0.00463	0.000718	0.0258	0.0126	0.00000513	16.7	0.0000143	0.000193	0.000182	0.00111
2073 Jan	115	0.0419	0.0985	0.00322	28.7	0.0376	45.1	0.000987	0.000987	0.00000498	0.00463	0.000718	0.0258	0.0126	0.00000513	16.7	0.0000143	0.000193	0.000182	0.00111
2073 Feb	115	0.0419	0.0985	0.00322	28.7	0.0376	45.1	0.000987	0.000987	0.00000498	0.00463	0.000718	0.0258	0.0126	0.00000513	16.7	0.0000143	0.000193	0.000182	0.00111
2073 Mar	115	0.0419	0.0985	0.00322	28.7	0.0376	45.1	0.000987	0.000987	0.00000498	0.00463	0.000718	0.0258	0.0126	0.00000513	16.7	0.0000143	0.000193	0.000182	0.00111
2073 Apr	115	0.0419	0.0986	0.00322	28.7	0.0376	45.1	0.000987	0.000987	0.00000499	0.00463	0.000718	0.0258	0.0126	0.00000513	16.7	0.0000143	0.000193	0.000182	0.00111
2073 May	115	0.042	0.0984	0.00322	28.7	0.0376	45.2	0.000987	0.000987	0.00000499	0.00464	0.000721	0.0258	0.0126	0.00000514	16.8	0.0000144	0.000194	0.000183	0.00112
2073 Jun	115	0.042	0.0979	0.0032	28.6	0.0375	45.2	0.000985	0.000985	0.00000498	0.00464	0.000726	0.0258	0.0127	0.00000512	16.9	0.0000144	0.000195	0.000185	0.00112
2073 Jul	115	0.0421	0.0981	0.00321	28.6	0.0376	45.4	0.000987	0.000987	0.00000498	0.00465	0.000728	0.0259	0.0127	0.00000513	16.9	0.0000144	0.000196	0.000185	0.00112
2073 Aug	116	0.0422	0.0983	0.00322	28.7	0.0377	45.5	0.000989	0.000989	0.00000499	0.00466	0.00073	0.026	0.0128	0.00000514	17	0.0000145	0.000196	0.000186	0.00112
2073 Sep	116	0.0423	0.0984	0.00322	28.7	0.0378	45.6	0.000988	0.000988	0.00000499	0.00466	0.00073	0.026	0.0128	0.00000514	17	0.0000145	0.000197	0.000186	0.00112
2073 Oct	116	0.0423	0.0982	0.00322	28.6	0.0378	45.7	0.000987	0.000987	0.00000499	0.00466	0.00073	0.026	0.0128	0.00000514	17	0.0000145	0.000197	0.000185	0.00112
2073 Nov	116	0.0423	0.0982	0.00322	28.6	0.0378	45.7	0.000987	0.000987	0.00000498	0.00467	0.00073	0.026	0.0128	0.00000513	17	0.0000145	0.000197	0.000185	0.00112
2073 Dec	116	0.0423	0.0982	0.00322	28.6	0.0378	45.7	0.000987	0.000987	0.00000499	0.00467	0.000731	0.0261	0.0128	0.00000513	17	0.0000145	0.000197	0.000185	0.00112
2074 Jan	116	0.0423	0.0982	0.00322	28.6	0.0378	45.7	0.000987	0.000987	0.00000499	0.00467	0.000731	0.0261	0.0128	0.00000513	17	0.0000145	0.000197	0.000185	0.00112
2074 Feb	116	0.0423	0.0982	0.00322	28.6	0.0378	45.7	0.000987	0.000987	0.00000499	0.00467	0.000731	0.0261	0.0128	0.00000513	17	0.0000145	0.000197	0.000185	0.00112
2074 Mar	116	0.0424	0.0982	0.00322	28.6	0.0378	45.7	0.000987	0.000987	0.00000499	0.00467	0.000731	0.0261	0.0128	0.00000513	17	0.0000145	0.000197	0.000185	0.00112
2074 Apr	116	0.0424	0.0982	0.00322	28.6	0.0378	45.7	0.000987	0.000987	0.00000499	0.00467	0.000731	0.0261	0.0128	0.00000514	17	0.0000145	0.000197	0.000185	0.00112
2074 May	116	0.0424	0.098	0.00321	28.6	0.0378	45.9	0.000987	0.000987	0.00000499	0.00467	0.000735	0.0261	0.0128	0.00000514	17.1	0.0000145	0.000198	0.000187	0.00112
2074 Jun	116	0.0424	0.0972	0.00319	28.4	0.0376	45.9	0.000983	0.000983	0.00000496	0.00467	0.000739	0.026	0.0129	0.00000511	17.2	0.0000146	0.000199	0.000189	0.00112
2074 Jul	116	0.0425	0.0975	0.0032	28.4	0.0377	46.1	0.000986	0.000986	0.00000498	0.00469	0.000742	0.0261	0.013	0.00000513	17.2	0.0000146	0.000199	0.000189	0.00112
2074 Aug	117	0.0427	0.0978	0.00321	28.5	0.0379	46.3	0.000989	0.000989	0.00000499	0.0047	0.000744	0.0263	0.013	0.00000515	17.3	0.0000147	0.0002	0.00019	0.00113
2074 Sep	117	0.0428	0.0978	0.00321	28.5	0.0379	46.5	0.000988	0.000988	0.00000499	0.00471	0.000745	0.0263	0.013	0.00000514	17.3	0.0000147	0.000201	0.00019	0.00113
2074 Oct	117	0.0428	0.0977	0.00321	28.5	0.0379	46.6	0.000987	0.000987	0.00000499	0.00471	0.000746	0.0264	0.013	0.00000514	17.3	0.0000147	0.000201	0.00019	0.00113
2074 Nov	117	0.0428	0.0977	0.00321	28.5	0.038	46.8	0.000987	0.000987	0.00000499	0.00471	0.000746	0.0265	0.013	0.00000514	17.4	0.0000147	0.000201	0.00019	0.00113
2074 Dec	117	0.0428	0.0977	0.00321	28.5	0.038	46.8	0.000987	0.000987	0.00000499	0.00471	0.000746	0.0265	0.013	0.00000514	17.4	0.0000147	0.000201	0.00019	0.00113
2075 Jan	117	0.0428	0.0977	0.00321	28.5	0.038	46.8	0.000987	0.000987	0.00000499	0.00471	0.000746	0.0265	0.013	0.00000514	17.4	0.0000147	0.000201	0.00019	0.00113
2075 Feb	117	0.0428	0.0977	0.00321	28.5	0.038	46.8	0.000987	0.000987	0.00000499	0.00471	0.000746	0.0265	0.013	0.00000514	17.4	0.0000147	0.000201	0.00019	0.00113
2075 Mar	117	0.0428	0.0977	0.00321	28.5	0.038	46.8	0.000987	0.000987	0.00000499	0.00471	0.000746	0.0265	0.013	0.00000514	17.4	0.0000147	0.000201	0.00019	0.00113
2075 Apr	117	0.0429	0.0978	0.00321	28.5	0.038	46.8	0.000987	0.000987	0.00000499	0.00471	0.000747	0.0265	0.013	0.00000514	17.4	0.0000147	0.000202	0.00019	0.00113
2075 May	118	0.0429	0.0978	0.00321	28.5	0.0381	47	0.000988	0.000988	0.00000499	0.00472	0.000748	0.0266	0.013	0.00000514	17.4	0.0000147	0.000202	0.00019	0.00113
2075 Jun	117	0.0427	0.0971	0.00319	28.3	0.0379	46.8	0.000985	0.000985	0.00000498	0.00472	0.000748	0.0265	0.013	0.00000513	17.4	0.0000148	0.000202	0.000189	0.00113
2075 Jul	117	0.0427	0.0971	0.00319	28.3	0.0379	46.9	0.000986	0.000986	0.00000498	0.00473	0.000749	0.0265	0.013	0.00000514	17.4	0.0000148	0.000202	0.000189	0.00113
2075 Aug	117	0.0428	0.0974	0.0032	28.3	0.038	47	0.000988	0.000988	0.00000499	0.00474	0.000751	0.0266	0.013	0.00000514	17.4	0.0000148	0.000202	0.00019	0.00113
2075 Sep	118	0.0428	0.0975	0.00321	28.3	0.0381	47.1	0.000989	0.000989	0.000005	0.00475	0.000752	0.0266	0.013	0.00000515	17.5	0.0000148	0.000203	0.00019	0.00113
2075 Oct	118	0.0429	0.0974	0.0032	28.3	0.0381	47.2	0.000988	0.000988	0.00000499	0.00475	0.000752	0.0267	0.013	0.00000515	17.5	0.0000149	0.000203	0.00019	0.00113
2075 Nov	118	0.0429	0.0974	0.00321	28.3	0.0381	47.2	0.000989	0.000989	0.00000499	0.00475	0.000753	0.0267	0.013	0.00000515	17.5	0.0000149	0.000203	0.00019	0.00113
2075 Dec	118	0.0429	0.0974	0.00321	28.3	0.0381	47.2	0.000989	0.000989	0.00000499	0.00475	0.000753	0.0267	0.013	0.00000515	17.5	0.0000149	0.000203	0.00019	0.00113

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	118	0.0429	0.0975	0.00321	28.3	0.0381	47.2	0.000989	0.000989	0.00000499	0.00475	0.000753	0.0267	0.013	0.00000515	17.5	0.0000149	0.000203	0.00019	0.00113
2076 Feb	118	0.0429	0.0975	0.00321	28.3	0.0381	47.2	0.000989	0.000989	0.00000499	0.00475	0.000753	0.0267	0.013	0.00000515	17.5	0.0000149	0.000203	0.00019	0.00113
2076 Mar	118	0.0429	0.0975	0.00321	28.3	0.0381	47.2	0.000989	0.000989	0.00000499	0.00475	0.000753	0.0267	0.013	0.00000515	17.5	0.0000149	0.000203	0.00019	0.00113
2076 Apr	118	0.0429	0.0975	0.00321	28.3	0.0381	47.2	0.000989	0.000989	0.000005	0.00475	0.000753	0.0267	0.013	0.00000515	17.5	0.0000149	0.000203	0.00019	0.00113
2076 May	118	0.043	0.0975	0.00321	28.4	0.0381	47.2	0.00099	0.00099	0.000005	0.00476	0.000755	0.0267	0.0131	0.00000515	17.5	0.0000149	0.000204	0.000191	0.00113
2076 Jun	117	0.043	0.0968	0.00319	28.2	0.0379	46.9	0.000986	0.000986	0.00000498	0.00476	0.000758	0.0265	0.0132	0.00000513	17.5	0.0000149	0.000204	0.000192	0.00113
2076 Jul	118	0.043	0.097	0.00319	28.2	0.038	47.1	0.000988	0.000988	0.00000499	0.00477	0.00076	0.0266	0.0132	0.00000514	17.6	0.0000149	0.000204	0.000192	0.00113
2076 Aug	118	0.0432	0.0973	0.0032	28.3	0.0381	47.3	0.00099	0.00099	0.000005	0.00478	0.000762	0.0267	0.0132	0.00000516	17.6	0.000015	0.000205	0.000193	0.00114
2076 Sep	118	0.0432	0.0974	0.00321	28.3	0.0382	47.4	0.000991	0.000991	0.00000501	0.00479	0.000764	0.0268	0.0132	0.00000516	17.7	0.000015	0.000206	0.000193	0.00114
2076 Oct	118	0.0433	0.0973	0.00321	28.3	0.0382	47.4	0.00099	0.00099	0.000005	0.00479	0.000763	0.0268	0.0132	0.00000515	17.7	0.000015	0.000206	0.000193	0.00114
2076 Nov	118	0.0433	0.0973	0.0032	28.3	0.0382	47.4	0.00099	0.00099	0.000005	0.00479	0.000764	0.0268	0.0132	0.00000515	17.7	0.000015	0.000206	0.000193	0.00114
2076 Dec	118	0.0433	0.0973	0.0032	28.3	0.0382	47.5	0.00099	0.00099	0.000005	0.00479	0.000764	0.0268	0.0132	0.00000515	17.7	0.000015	0.000206	0.000193	0.00114
2077 Jan	118	0.0433	0.0973	0.0032	28.3	0.0382	47.5	0.00099	0.00099	0.000005	0.00479	0.000764	0.0268	0.0132	0.00000515	17.7	0.000015	0.000206	0.000193	0.00114
2077 Feb	118	0.0433	0.0973	0.0032	28.3	0.0382	47.5	0.00099	0.00099	0.000005	0.00479	0.000764	0.0268	0.0132	0.00000515	17.7	0.000015	0.000206	0.000193	0.00114
2077 Mar	118	0.0433	0.0973	0.0032	28.3	0.0382	47.5	0.00099	0.00099	0.000005	0.00479	0.000764	0.0268	0.0132	0.00000515	17.7	0.000015	0.000206	0.000193	0.00114
2077 Apr	118	0.0433	0.0973	0.00321	28.3	0.0382	47.5	0.00099	0.00099	0.000005	0.00479	0.000764	0.0268	0.0132	0.00000515	17.7	0.000015	0.000206	0.000193	0.00114
2077 May	118	0.0434	0.0973	0.00321	28.3	0.0382	47.5	0.00099	0.00099	0.000005	0.00479	0.000765	0.0268	0.0133	0.00000516	17.7	0.000015	0.000206	0.000194	0.00114
2077 Jun	118	0.0433	0.0967	0.00319	28.1	0.038	47.3	0.000987	0.000987	0.00000498	0.00479	0.000768	0.0267	0.0133	0.00000514	17.7	0.000015	0.000207	0.000195	0.00113
2077 Jul	118	0.0434	0.097	0.0032	28.2	0.0381	47.5	0.000989	0.000989	0.000005	0.00481	0.000771	0.0268	0.0134	0.00000515	17.8	0.0000151	0.000207	0.000195	0.00114
2077 Aug	119	0.0436	0.0973	0.00321	28.3	0.0382	47.7	0.000992	0.000992	0.00000501	0.00482	0.000773	0.0269	0.0134	0.00000517	17.8	0.0000151	0.000208	0.000196	0.00114
2077 Sep	119	0.0436	0.0971	0.0032	28.2	0.0382	47.7	0.00099	0.00099	0.000005	0.00482	0.000773	0.0269	0.0134	0.00000516	17.8	0.0000151	0.000208	0.000195	0.00114
2077 Oct	119	0.0437	0.0971	0.0032	28.2	0.0383	47.7	0.00099	0.00099	0.000005	0.00482	0.000773	0.0269	0.0134	0.00000515	17.8	0.0000151	0.000208	0.000195	0.00114
2077 Nov	119	0.0437	0.0971	0.0032	28.2	0.0383	47.8	0.00099	0.00099	0.000005	0.00482	0.000773	0.0269	0.0134	0.00000516	17.8	0.0000151	0.000208	0.000195	0.00114
2077 Dec	119	0.0437	0.0971	0.0032	28.2	0.0383	47.8	0.00099	0.00099	0.000005	0.00482	0.000774	0.027	0.0134	0.00000516	17.8	0.0000151	0.000208	0.000195	0.00114
2078 Jan	119	0.0437	0.0971	0.0032	28.2	0.0383	47.8	0.00099	0.00099	0.000005	0.00482	0.000774	0.027	0.0134	0.00000516	17.8	0.0000151	0.000208	0.000195	0.00114
2078 Feb	119	0.0437	0.0971	0.0032	28.2	0.0383	47.8	0.00099	0.00099	0.000005	0.00482	0.000774	0.027	0.0134	0.00000516	17.8	0.0000151	0.000208	0.000195	0.00114
2078 Mar	119	0.0437	0.0971	0.0032	28.2	0.0383	47.8	0.00099	0.00099	0.000005	0.00482	0.000774	0.027	0.0134	0.00000516	17.8	0.0000151	0.000208	0.000195	0.00114
2078 Apr	119	0.0437	0.0971	0.0032	28.2	0.0383	47.8	0.00099	0.00099	0.000005	0.00482	0.000774	0.027	0.0134	0.00000516	17.9	0.0000151	0.000208	0.000196	0.00114
2078 May	119	0.0438	0.0968	0.00319	28.2	0.0382	47.8	0.00099	0.00099	0.000005	0.00483	0.000778	0.027	0.0135	0.00000516	17.9	0.0000152	0.000209	0.000197	0.00114
2078 Jun	119	0.0438	0.0962	0.00318	28	0.0381	47.7	0.000986	0.000986	0.00000498	0.00482	0.000781	0.0268	0.0136	0.00000514	17.9	0.0000152	0.00021	0.000198	0.00114
2078 Jul	119	0.0439	0.0966	0.00319	28.1	0.0382	47.9	0.000989	0.000989	0.000005	0.00484	0.000783	0.0269	0.0136	0.00000515	18	0.0000152	0.00021	0.000199	0.00114
2078 Aug	119	0.044	0.0968	0.0032	28.1	0.0383	48.1	0.000991	0.000991	0.00000501	0.00485	0.000785	0.027	0.0136	0.00000516	18.1	0.0000152	0.000211	0.000199	0.00115
2078 Sep	119	0.0441	0.0969	0.0032	28.1	0.0384	48.2	0.000992	0.000992	0.00000501	0.00485	0.000787	0.0271	0.0136	0.00000517	18.1	0.0000153	0.000211	0.000199	0.00115
2078 Oct	120	0.0441	0.0968	0.0032	28.1	0.0384	48.3	0.000991	0.000991	0.00000501	0.00486	0.000787	0.0272	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115
2078 Nov	120	0.0441	0.0968	0.0032	28.1	0.0384	48.4	0.000991	0.000991	0.00000501	0.00486	0.000787	0.0272	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115
2078 Dec	120	0.0441	0.0968	0.0032	28.1	0.0384	48.4	0.000991	0.000991	0.00000501	0.00486	0.000787	0.0272	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115
2079 Jan	120	0.0441	0.0968	0.0032	28.1	0.0384	48.4	0.000991	0.000991	0.00000501	0.00486	0.000787	0.0272	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115
2079 Feb	120	0.0441	0.0968	0.0032	28.1	0.0384	48.4	0.000991	0.000991	0.00000501	0.00486	0.000787	0.0272	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115
2079 Mar	120	0.0441	0.0968	0.0032	28.1	0.0384	48.4	0.000991	0.000991	0.00000501	0.00486	0.000787	0.0272	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115
2079 Apr	120	0.0441	0.0969	0.0032	28.1	0.0384	48.4	0.000991	0.000991	0.00000501	0.00486	0.000787	0.0272	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115
2079 May	120	0.0442	0.097	0.0032	28.2	0.0385	48.5	0.000992	0.000992	0.00000501	0.00486	0.000788	0.0272	0.0136	0.00000517	18.2	0.0000153	0.000212	0.0002	0.00115
2079 Jun	119	0.044	0.0962	0.00318	27.9	0.0382	48.2	0.000988	0.000988	0.00000499	0.00486	0.000789	0.0271	0.0136	0.00000515	18.1	0.0000153	0.000212	0.0002	0.00114
2079 Jul	119	0.044	0.0962	0.00318	27.9	0.0383	48.3	0.000989	0.000989	0.000005	0.00487	0.00079	0.0271	0.0136	0.00000515	18.1	0.0000153	0.000212	0.0002	0.00114
2079 Aug	120	0.0441	0.0964	0.00319	28	0.0384	48.4	0.000991	0.000991	0.00000501	0.00488	0.000792	0.0272	0.0137	0.00000516	18.2	0.0000154	0.000213	0.0002	0.00115
2079 Sep	120	0.0442	0.0964	0.00319	28	0.0384	48.5	0.00099	0.00099	0.000005	0.00488	0.000793	0.0272	0.0137	0.00000516	18.2	0.0000154	0.000213	0.0002	0.00115
2079 Oct	120	0.0442	0.0963	0.00319	27.9	0.0384	48.6	0.00099	0.00099	0.000005	0.00489	0.000793	0.0273	0.0137	0.00000516	18.2	0.0000154	0.000213	0.0002	0.00115
2079 Nov	120	0.0442	0.0962	0.00319	27.9	0.0384	48.6	0.000989	0.000989	0.000005	0.00489	0.000793	0.0273	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115
2079 Dec	120	0.0443	0.0962	0.00318	27.9	0.0384	48.6	0.000989	0.000989	0.000005	0.00489	0.000793	0.0273	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115
2080 Jan	120	0.0443	0.0962	0.00318	27.9	0.0384	48.6	0.000989	0.000989	0.000005	0.00489	0.000793	0.0273	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115
2080 Feb	120	0.0443	0.0962	0.00318	27.9	0.0384	48.6	0.000989	0.000989	0.000005	0.00489	0.000793	0.0273	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115
2080 Mar	120	0.0443	0.0962	0.00318	27.9	0.0384	48.6	0.000989	0.000989	0.000005	0.00489	0.000793	0.0273	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115
2080 Apr	120	0.0443	0.0962	0.00318	27.9	0.0384	48.6	0.000989	0.000989	0.000005	0.00489	0.000793	0.0273	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115
2080 May	120	0.0443	0.0963	0.00319	27.9	0.0385	48.6	0.00099	0.00099	0.000005	0.00489	0.000794	0.0273	0.0137	0.00000516	18.2	0.0000154	0.000213	0.0002	0.00115
2080 Jun	119	0.0442	0.0959	0.00318	27.8	0.0383	48.5	0.000989	0.000989	0.000005	0.0049	0.000794	0.0272	0.0137	0.00000515	18.2	0.0000154	0.000213	0.000199	0.00114
2080 Jul	119	0.0441	0.0958	0.00318	27.8	0.0383	48.5	0.000989	0.000989	0.000005	0.00491	0.000795	0.0272	0.0137	0.00000515	18.2	0.0000154	0.000213	0.000199	0.00114
2080 Aug	120	0.0442	0.096	0.00319	27.8	0.0384	48.6	0.000991	0.000991	0.000005	0.00491	0.000797	0.0273	0.0137	0.00000516	18.2	0.0000155	0.000213	0.0002	0.00115
2080 Sep	120	0.0443	0.096	0.00319	27.8	0.0385	48.7	0.00099	0.00099	0.000005	0.00492	0.000797	0.0273	0.0137	0.00000516	18.2	0.0000155	0.000214	0.000199	0.00115
2080 Oct	120	0.0443	0.096	0.00318	27.8	0.0385	48.7	0.00099	0.00099	0.000005	0.00492	0.000798	0.0274	0.0137	0.00000516	18.2	0.0000155	0.000214	0.000199	0.00115
2080 Nov	120	0.0443	0.0959	0.00318	27.7	0.0385	48.8	0.000989	0.000989	0.000005	0.00492	0.000798	0.0274	0.0137	0.00000516	18.2	0.0000155	0.000214	0.000199	0.00115
2080 Dec	120	0.0443	0.0959	0.00318	27.7	0.0385	48.8	0.000989	0.000989	0.000005	0.00492	0.000798	0.0274	0.0137	0.00000516	18.2	0.0000155	0.000214	0.000199	0.00115
2081 Jan	120	0.0443	0.0959	0.00318	27.7	0.0385	48.8	0.000989	0.000989	0.000005	0.00492	0.000798	0.0274	0.0137	0.00000516	18.2	0.0000155	0.000214	0.000199	0.00115
2081 Feb	120	0.0443	0.0959	0.00318	27.7	0.0385	48.8	0.000989	0.000989	0.000005	0.00492	0.000798	0.0274	0.0137	0.00000516	18.2	0.0000155	0.000214	0.000199	0.00115
2081 Mar	120	0.0443	0.0959	0.00318	27.7	0.0385	48.8	0.000989	0.000989	0.000005	0.00492	0.000798	0.0274	0.0137	0.00000516	18.2	0.0000155	0.000214	0.000199	0.00115
2081 Apr	120	0.0444	0.0959	0.00318	27.7	0.0385	48.8	0.00099	0.00099	0.000005	0.00492	0.000798	0.0274	0.0137	0.00000516	18.2	0.0000155	0.000214	0.000199	0.00115
2081 May	120	0.0444	0.0958	0.00318	27.7	0.0385	48.8	0.00099	0.00099	0.000005	0.00493	0.000801	0.0274	0.0137	0.00000516	18.3	0.0000155	0.000214	0.000201	0.00115
2081 Jun	120	0.0445	0.0954	0.00317	27.6	0.0384	48.6	0.000988	0.000988	0.00000499	0.00493	0.000803	0.0273	0.0138	0.00000515	18.3	0.0000155	0.000215	0.000202	0.00115
2081 Jul	120	0.0446	0.0958	0.00318	27.7	0.0385	48.8	0.000991	0.000991	0.00000501	0.00494	0.000806	0.0274	0.0139	0.00000517	18.4	0.0000156	0.000216	0.000202	0.00115
2081 Aug	120	0.0448	0.0961	0.00319	27.8	0.0386	49	0.000995	0.000995	0.00000503	0.00496	0.000809	0.0275	0.0139	0.00000518	18.4	0.0000156	0.000216	0.000203	0.00115
2081 Sep	121	0.0448	0.0962	0.00319	27.8	0.0387	49.1	0.000995	0.000995	0.00000503	0.00496	0.00081	0.0275	0.0139	0.00000518	18.4	0.0000156	0.000217	0.000203	0.00116
2081 Oct	121	0.0449	0.0962	0.00319	27.8	0.0387	49.2	0.000994	0.000994	0.00000503	0.00497	0.00081	0.0276	0.0139	0.00000518	18.5	0.0000156	0.000217	0.000203	0.00116
2081 Nov	121	0.0449	0.0961	0.00319	27.8	0.0387	49.3	0.000994	0.000994	0.00000502	0.00497	0.00081	0.0276	0.0139	0.00000518	18.5	0.0000156	0.000217	0.000203	0.00116
2081 Dec	121	0.0449	0.0961	0.00319	27.8	0.0387	49.3	0.000994	0.000994	0.00000502	0.00497	0.00081	0.0276	0.0139	0.00000518	18.5	0.0000156	0.000217	0.000203	0.00116
2082 Jan	121	0.0449	0.0961	0.00319	27.8	0.0387	49.3	0.000994	0.000994	0.00000502	0.00497	0.00081	0.0276	0.0139	0.00000518	18.5	0.0000156	0.000217	0.000203	0.00116
2082 Feb	121	0.0449	0.0961	0.00319	27.8	0.0387	49.3	0.000994	0.000994	0.00000502	0.00497	0.00081	0.0276	0.0139	0.00000518	18.5	0.0000156	0.000217	0.000203	0.00116
2082 Mar	121	0.0449	0.0961	0.00319	27.8	0.0387	49.3	0.000994	0.000994	0.00000502	0.00497	0.00081	0.0276	0.0139	0.00000518	18.5	0.0000156	0.000217	0.000203	0.00116
2082 Apr	121	0.0449	0.0961	0.00319	27.8	0.0387	49.3	0.000994	0.000994	0.00000502	0.00497	0.00081	0.0276	0.0139	0.00000518	18.5	0.0000156	0.000217	0.000203	0.00116
2082 May	121	0.045	0.0962	0.0032	27.8	0.0388	49.3	0.000995	0.000995	0.00000503	0.00497	0.000811	0.0276	0.0139	0.00000518	18.5	0.0000157	0.000217	0.000203	0.00116

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	120	0.0447	0.0955	0.00318	27.6	0.0386	49.2	0.000991	0.000991	0.00000501	0.00497	0.00081	0.0276	0.0138	0.00000517	18.4	0.0000157	0.000217	0.000202	0.00115
2082 Jul	120	0.0445	0.0952	0.00317	27.5	0.0385	49.2	0.000991	0.000991	0.000005	0.00498	0.00081	0.0275	0.0138	0.00000516	18.4	0.0000157	0.000217	0.000202	0.00115
2082 Aug	120	0.0447	0.0955	0.00318	27.6	0.0386	49.3	0.000993	0.000993	0.00000502	0.00499	0.000813	0.0276	0.0139	0.00000517	18.5	0.0000157	0.000217	0.000202	0.00115
2082 Sep	121	0.0447	0.0956	0.00318	27.6	0.0387	49.4	0.000993	0.000993	0.00000502	0.005	0.000814	0.0277	0.0139	0.00000518	18.5	0.0000157	0.000218	0.000202	0.00115
2082 Oct	120	0.0448	0.0954	0.00318	27.5	0.0387	49.4	0.000991	0.000991	0.00000501	0.00499	0.000813	0.0277	0.0138	0.00000517	18.5	0.0000157	0.000217	0.000202	0.00115
2082 Nov	121	0.0448	0.0955	0.00318	27.5	0.0387	49.4	0.000992	0.000992	0.00000501	0.00499	0.000813	0.0277	0.0139	0.00000517	18.5	0.0000157	0.000218	0.000202	0.00115
2082 Dec	121	0.0448	0.0955	0.00318	27.5	0.0387	49.5	0.000992	0.000992	0.00000501	0.00499	0.000813	0.0277	0.0139	0.00000517	18.5	0.0000157	0.000218	0.000202	0.00115
2083 Jan	121	0.0448	0.0955	0.00318	27.5	0.0387	49.5	0.000992	0.000992	0.00000501	0.00499	0.000813	0.0277	0.0139	0.00000517	18.5	0.0000157	0.000218	0.000202	0.00115
2083 Feb	121	0.0448	0.0955	0.00318	27.5	0.0387	49.5	0.000992	0.000992	0.00000501	0.00499	0.000813	0.0277	0.0139	0.00000517	18.5	0.0000157	0.000218	0.000202	0.00115
2083 Mar	121	0.0448	0.0955	0.00318	27.5	0.0387	49.5	0.000992	0.000992	0.00000501	0.005	0.000813	0.0277	0.0139	0.00000517	18.5	0.0000157	0.000218	0.000202	0.00115
2083 Apr	121	0.0448	0.0955	0.00318	27.5	0.0387	49.5	0.000992	0.000992	0.00000501	0.005	0.000814	0.0277	0.0139	0.00000517	18.5	0.0000157	0.000218	0.000202	0.00115
2083 May	121	0.0449	0.0954	0.00318	27.5	0.0387	49.6	0.000992	0.000992	0.00000501	0.005	0.000817	0.0277	0.0139	0.00000517	18.6	0.0000158	0.000219	0.000203	0.00116
2083 Jun	121	0.0448	0.0947	0.00316	27.4	0.0385	49.5	0.000989	0.000989	0.000005	0.005	0.00082	0.0277	0.014	0.00000515	18.6	0.0000158	0.000219	0.000204	0.00115
2083 Jul	121	0.0449	0.0949	0.00316	27.4	0.0386	49.7	0.00099	0.00099	0.000005	0.00501	0.000822	0.0277	0.014	0.00000516	18.6	0.0000158	0.00022	0.000205	0.00116
2083 Aug	121	0.045	0.095	0.00317	27.4	0.0387	49.8	0.000992	0.000992	0.00000501	0.00502	0.000824	0.0278	0.014	0.00000517	18.7	0.0000158	0.00022	0.000205	0.00116
2083 Sep	121	0.045	0.095	0.00317	27.4	0.0387	49.9	0.000991	0.000991	0.00000501	0.00502	0.000824	0.0278	0.014	0.00000517	18.7	0.0000159	0.00022	0.000205	0.00116
2083 Oct	121	0.0451	0.0947	0.00316	27.3	0.0387	49.9	0.000989	0.000989	0.000005	0.00502	0.000824	0.0278	0.014	0.00000516	18.7	0.0000158	0.00022	0.000204	0.00116
2083 Nov	121	0.0451	0.0946	0.00316	27.3	0.0387	49.9	0.000989	0.000989	0.000005	0.00502	0.000824	0.0278	0.014	0.00000516	18.7	0.0000158	0.00022	0.000204	0.00116
2083 Dec	121	0.0451	0.0946	0.00316	27.3	0.0387	50	0.000989	0.000989	0.000005	0.00502	0.000824	0.0278	0.014	0.00000516	18.7	0.0000158	0.00022	0.000204	0.00116
2084 Jan	121	0.0451	0.0947	0.00316	27.3	0.0387	50	0.000989	0.000989	0.000005	0.00502	0.000824	0.0278	0.014	0.00000516	18.7	0.0000158	0.00022	0.000204	0.00116
2084 Feb	121	0.0451	0.0947	0.00316	27.3	0.0387	50	0.000989	0.000989	0.000005	0.00502	0.000824	0.0278	0.014	0.00000516	18.7	0.0000158	0.00022	0.000204	0.00116
2084 Mar	121	0.0451	0.0947	0.00316	27.3	0.0387	50	0.000989	0.000989	0.000005	0.00502	0.000824	0.0278	0.014	0.00000516	18.7	0.0000158	0.00022	0.000204	0.00116
2084 Apr	121	0.0452	0.0947	0.00316	27.3	0.0387	50	0.000989	0.000989	0.000005	0.00502	0.000825	0.0279	0.014	0.00000516	18.7	0.0000159	0.00022	0.000205	0.00116
2084 May	121	0.0452	0.0946	0.00316	27.3	0.0387	50	0.00099	0.00099	0.000005	0.00503	0.000828	0.0279	0.0141	0.00000516	18.7	0.0000159	0.000221	0.000206	0.00116
2084 Jun	121	0.0452	0.094	0.00314	27.1	0.0385	49.8	0.000986	0.000986	0.00000498	0.00502	0.00083	0.0277	0.0142	0.00000514	18.7	0.0000159	0.000221	0.000207	0.00115
2084 Jul	121	0.0453	0.0942	0.00315	27.2	0.0386	50	0.000988	0.000988	0.00000499	0.00504	0.000832	0.0278	0.0142	0.00000515	18.8	0.0000159	0.000222	0.000207	0.00116
2084 Aug	121	0.0454	0.0945	0.00316	27.3	0.0387	50.1	0.00099	0.00099	0.000005	0.00505	0.000834	0.0279	0.0142	0.00000516	18.8	0.000016	0.000222	0.000208	0.00116
2084 Sep	121	0.0455	0.0945	0.00316	27.3	0.0388	50.2	0.00099	0.00099	0.000005	0.00505	0.000835	0.0279	0.0142	0.00000516	18.9	0.000016	0.000223	0.000208	0.00116
2084 Oct	121	0.0455	0.0944	0.00316	27.2	0.0388	50.3	0.000989	0.000989	0.000005	0.00505	0.000835	0.028	0.0142	0.00000516	18.9	0.000016	0.000223	0.000207	0.00116
2084 Nov	121	0.0455	0.0944	0.00316	27.2	0.0388	50.3	0.000989	0.000989	0.000005	0.00505	0.000835	0.028	0.0142	0.00000516	18.9	0.000016	0.000223	0.000207	0.00116
2084 Dec	121	0.0455	0.0944	0.00316	27.2	0.0388	50.3	0.000989	0.000989	0.000005	0.00505	0.000835	0.028	0.0142	0.00000516	18.9	0.000016	0.000223	0.000207	0.00116
2085 Jan	122	0.0455	0.0944	0.00316	27.2	0.0388	50.3	0.000989	0.000989	0.000005	0.00505	0.000835	0.028	0.0142	0.00000516	18.9	0.000016	0.000223	0.000207	0.00116
2085 Feb	122	0.0455	0.0944	0.00316	27.2	0.0388	50.3	0.000989	0.000989	0.000005	0.00505	0.000835	0.028	0.0142	0.00000516	18.9	0.000016	0.000223	0.000207	0.00116
2085 Mar	122	0.0455	0.0944	0.00316	27.2	0.0388	50.3	0.000989	0.000989	0.000005	0.00505	0.000835	0.028	0.0142	0.00000516	18.9	0.000016	0.000223	0.000207	0.00116
2085 Apr	122	0.0456	0.0944	0.00316	27.2	0.0388	50.3	0.000989	0.000989	0.000005	0.00505	0.000835	0.028	0.0142	0.00000516	18.9	0.000016	0.000223	0.000207	0.00116
2085 May	122	0.0456	0.0943	0.00315	27.2	0.0388	50.3	0.000989	0.000989	0.000005	0.00506	0.000838	0.028	0.0143	0.00000516	18.9	0.000016	0.000224	0.000209	0.00116
2085 Jun	122	0.0457	0.0941	0.00315	27.2	0.0387	50.3	0.000988	0.000988	0.00000499	0.00506	0.00084	0.0279	0.0143	0.00000515	19	0.000016	0.000224	0.00021	0.00116
2085 Jul	122	0.0458	0.0944	0.00316	27.2	0.0389	50.4	0.000991	0.000991	0.00000501	0.00507	0.000843	0.028	0.0144	0.00000517	19	0.0000161	0.000225	0.00021	0.00116
2085 Aug	122	0.0459	0.0945	0.00316	27.3	0.0389	50.6	0.000991	0.000991	0.00000501	0.00508	0.000844	0.0281	0.0144	0.00000517	19.1	0.0000161	0.000225	0.00021	0.00117
2085 Sep	122	0.0459	0.0944	0.00316	27.2	0.039	50.7	0.00099	0.00099	0.00000501	0.00508	0.000845	0.0282	0.0144	0.00000517	19.1	0.0000161	0.000225	0.00021	0.00117
2085 Oct	122	0.0459	0.0943	0.00316	27.2	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0144	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117
2085 Nov	122	0.046	0.0942	0.00315	27.1	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0143	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117
2085 Dec	122	0.046	0.0942	0.00315	27.1	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0143	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117
2086 Jan	122	0.046	0.0942	0.00315	27.1	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0143	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117
2086 Feb	122	0.046	0.0942	0.00315	27.1	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0143	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117
2086 Mar	122	0.046	0.0942	0.00315	27.1	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0143	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117
2086 Apr	122	0.046	0.0942	0.00315	27.1	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0143	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117
2086 May	122	0.046	0.0943	0.00316	27.2	0.039	50.9	0.00099	0.00099	0.000005	0.00509	0.000846	0.0282	0.0144	0.00000516	19.1	0.0000161	0.000226	0.00021	0.00117
2086 Jun	122	0.0459	0.0936	0.00314	27	0.0388	50.7	0.000987	0.000987	0.00000499	0.00508	0.000848	0.0281	0.0144	0.00000515	19.1	0.0000161	0.000226	0.000211	0.00116
2086 Jul	122	0.046	0.0937	0.00314	27	0.0389	50.8	0.000989	0.000989	0.000005	0.0051	0.000851	0.0282	0.0145	0.00000516	19.1	0.0000161	0.000227	0.000211	0.00117
2086 Aug	123	0.0461	0.0939	0.00315	27.1	0.039	51	0.00099	0.00099	0.000005	0.00511	0.000853	0.0283	0.0145	0.00000517	19.2	0.0000162	0.000227	0.000212	0.00117
2086 Sep	123	0.0461	0.0939	0.00315	27	0.039	51.1	0.000989	0.000989	0.000005	0.00511	0.000853	0.0283	0.0145	0.00000516	19.2	0.0000162	0.000227	0.000212	0.00117
2086 Oct	123	0.0462	0.0939	0.00315	27	0.0391	51.2	0.000989	0.000989	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.2	0.0000162	0.000228	0.000212	0.00117
2086 Nov	123	0.0462	0.0939	0.00315	27	0.0391	51.2	0.000989	0.000989	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.2	0.0000162	0.000228	0.000212	0.00117
2086 Dec	123	0.0462	0.0939	0.00315	27	0.0391	51.2	0.00099	0.00099	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.2	0.0000162	0.000228	0.000212	0.00117
2087 Jan	123	0.0462	0.0939	0.00315	27	0.0391	51.2	0.00099	0.00099	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.2	0.0000162	0.000228	0.000212	0.00117
2087 Feb	123	0.0462	0.0939	0.00315	27	0.0391	51.2	0.00099	0.00099	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.2	0.0000162	0.000228	0.000212	0.00117
2087 Mar	123	0.0462	0.0939	0.00315	27	0.0391	51.2	0.00099	0.00099	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.2	0.0000162	0.000228	0.000212	0.00117
2087 Apr	123	0.0462	0.094	0.00315	27	0.0391	51.3	0.00099	0.00099	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.3	0.0000162	0.000228	0.000212	0.00117
2087 May	123	0.0463	0.0939	0.00315	27	0.0391	51.2	0.00099	0.00099	0.000005	0.00512	0.000856	0.0284	0.0145	0.00000517	19.3	0.0000162	0.000228	0.000212	0.00117
2087 Jun	123	0.0463	0.0935	0.00314	26.9	0.0389	51.1	0.000988	0.000988	0.00000499	0.00512	0.000858	0.0283	0.0146	0.00000515	19.3	0.0000162	0.000228	0.000213	0.00117
2087 Jul	123	0.0464	0.0937	0.00315	27	0.039	51.2	0.00099	0.00099	0.000005	0.00513	0.00086	0.0284	0.0146	0.00000517	19.3	0.0000163	0.000229	0.000214	0.00117
2087 Aug	123	0.0465	0.094	0.00316	27.1	0.0391	51.4	0.000992	0.000992	0.00000502	0.00514	0.000863	0.0285	0.0146	0.00000518	19.4	0.0000163	0.00023	0.000214	0.00117
2087 Sep	123	0.0466	0.0941	0.00316	27.1	0.0392	51.6	0.000993	0.000993	0.00000502	0.00515	0.000864	0.0285	0.0147	0.00000518	19.4	0.0000163	0.00023	0.000215	0.00118
2087 Oct	124	0.0466	0.0941	0.00316	27.1	0.0392	51.6	0.000993	0.000993	0.00000502	0.00515	0.000864	0.0286	0.0147	0.00000518	19.4	0.0000163	0.00023	0.000215	0.00118
2087 Nov	124	0.0466	0.0941	0.00316	27.1	0.0392	51.6	0.000993	0.000993	0.00000502	0.00515	0.000864	0.0286	0.0147	0.00000518	19.4	0.0000163	0.00023	0.000215	0.00118
2087 Dec	124	0.0466	0.0941	0.00316	27.1	0.0393	51.7	0.000993	0.000993	0.00000502	0.00515	0.000865	0.0286	0.0147	0.00000518	19.5	0.0000163	0.00023	0.000215	0.00118
2088 Jan	124	0.0466	0.0941	0.00316	27.1	0.0393	51.7	0.000993	0.000993	0.00000502	0.00515	0.000865	0.0286	0.0147	0.00000518	19.5	0.0000163	0.00023	0.000215	0.00118
2088 Feb	124	0.0466	0.0941	0.00316	27.1	0.0393	51.7	0.000993	0.000993	0.00000502	0.00515	0.000865	0.0286	0.0147	0.00000518	19.5	0.0000163	0.00023	0.000215	0.00118
2088 Mar	124	0.0466	0.0941	0.00316	27.1	0.0393	51.7	0.000993	0.000993	0.00000502	0.00515	0.000865	0.0286	0.0147	0.00000518	19.5	0.0000163	0.00023	0.000215	0.00118
2088 Apr	124	0.0467	0.0942	0.00316	27.1	0.0393	51.7	0.000993	0.000993	0.00000502	0.00515	0.000865	0.0286	0.0147	0.00000518	19.5	0.0000163	0.00023	0.000215	0.00118
2088 May	124	0.0467	0.0943	0.00316	27.1	0.0393	51.8	0.000995	0.000995	0.00000503	0.00516	0.000866	0.0286	0.0147	0.00000519	19.5	0.0000164	0.000231	0.000215	0.00118
2088 Jun	123	0.0466	0.0939	0.00316	27	0.0392	51.5	0.000993	0.000993	0.00000502	0.00516	0.000866	0.0286	0.0147	0.00000518	19.4	0.0000164	0.000231	0.000215	0.00118
2088 Jul	124	0.0467	0.0941	0.00316	27.1	0.0393	51.7	0.000996	0.000996	0.00000503	0.00518	0.000868	0.0286	0.0147	0.0000052	19.5	0.0000164	0.000231	0.000215	0.00118
2088 Aug	124	0.0468	0.0945	0.00318	27.2	0.0395	51.9	0.000999	0.000999	0.00000505	0.0052	0.000872	0.0288	0.0148	0.00000521	19.6	0.0000165	0.000232	0.000216	0.00118
2088 Sep	124	0.0469	0.0946	0.00318	27.2	0.0395	52.1	0.001	0.001	0.00000505	0.00521	0.000873	0.0288	0.0148	0.00000522	19.6	0.0000165	0.000233	0.000216	0.00118
2088 Oct	124	0.047	0.0945	0.00318	27.1	0.0395	52	0.000998	0.000998	0.00000504	0.0052	0.000872	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000216	0.00118

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	124	0.047	0.0944	0.00317	27.1	0.0395	52	0.000998	0.000998	0.00000504	0.0052	0.000872	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000216	0.00118
2088 Dec	124	0.047	0.0945	0.00317	27.1	0.0395	52	0.000998	0.000998	0.00000504	0.0052	0.000872	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000216	0.00118
2089 Jan	124	0.047	0.0945	0.00317	27.1	0.0395	52	0.000998	0.000998	0.00000504	0.0052	0.000872	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000216	0.00118
2089 Feb	124	0.047	0.0945	0.00317	27.1	0.0395	52	0.000998	0.000998	0.00000504	0.0052	0.000872	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000216	0.00118
2089 Mar	124	0.047	0.0945	0.00317	27.1	0.0395	52	0.000998	0.000998	0.00000504	0.0052	0.000872	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000216	0.00118
2089 Apr	124	0.047	0.0945	0.00318	27.1	0.0395	52.1	0.000998	0.000998	0.00000505	0.00521	0.000873	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000216	0.00118
2089 May	124	0.0471	0.0945	0.00318	27.1	0.0395	52	0.000999	0.000999	0.00000505	0.00521	0.000875	0.0288	0.0148	0.00000521	19.6	0.0000165	0.000233	0.000216	0.00118
2089 Jun	124	0.0471	0.0942	0.00317	27.1	0.0394	51.9	0.000998	0.000998	0.00000504	0.00521	0.000878	0.0288	0.0149	0.00000521	19.7	0.0000165	0.000234	0.000218	0.00118
2089 Jul	125	0.0472	0.0945	0.00318	27.1	0.0395	52.1	0.001	0.001	0.00000505	0.00523	0.00088	0.0289	0.0149	0.00000522	19.7	0.0000166	0.000234	0.000218	0.00119
2089 Aug	125	0.0473	0.0947	0.00318	27.2	0.0397	52.3	0.001	0.001	0.00000507	0.00524	0.000883	0.029	0.0149	0.00000523	19.8	0.0000166	0.000235	0.000219	0.00119
2089 Sep	125	0.0474	0.0948	0.00319	27.2	0.0397	52.5	0.001	0.001	0.00000507	0.00524	0.000884	0.0291	0.0149	0.00000523	19.8	0.0000167	0.000235	0.000219	0.00119
2089 Oct	125	0.0475	0.0946	0.00318	27.1	0.0397	52.5	0.001	0.001	0.00000506	0.00524	0.000883	0.0291	0.0149	0.00000522	19.8	0.0000166	0.000235	0.000218	0.00119
2089 Nov	125	0.0475	0.0945	0.00318	27.1	0.0397	52.5	0.001	0.001	0.00000506	0.00524	0.000884	0.0291	0.0149	0.00000522	19.8	0.0000166	0.000235	0.000218	0.00119
2089 Dec	125	0.0475	0.0946	0.00318	27.1	0.0397	52.5	0.001	0.001	0.00000506	0.00524	0.000884	0.0291	0.0149	0.00000522	19.8	0.0000166	0.000235	0.000218	0.00119
2090 Jan	125	0.0475	0.0946	0.00318	27.1	0.0397	52.5	0.001	0.001	0.00000506	0.00524	0.000884	0.0291	0.0149	0.00000522	19.8	0.0000166	0.000235	0.000218	0.00119
2090 Feb	125	0.0475	0.0946	0.00318	27.1	0.0397	52.5	0.001	0.001	0.00000506	0.00524	0.000884	0.0291	0.0149	0.00000522	19.8	0.0000166	0.000235	0.000218	0.00119
2090 Mar	125	0.0475	0.0946	0.00318	27.1	0.0397	52.5	0.001	0.001	0.00000506	0.00524	0.000884	0.0291	0.0149	0.00000522	19.8	0.0000166	0.000235	0.000218	0.00119
2090 Apr	125	0.0475	0.0946	0.00318	27.2	0.0397	52.6	0.001	0.001	0.00000506	0.00524	0.000884	0.0291	0.0149	0.00000522	19.8	0.0000166	0.000235	0.000219	0.00119
2090 May	125	0.0475	0.0946	0.00318	27.2	0.0398	52.6	0.001	0.001	0.00000506	0.00525	0.000885	0.0291	0.0149	0.00000523	19.9	0.0000167	0.000236	0.000219	0.00119
2090 Jun	125	0.0474	0.0939	0.00316	27	0.0396	52.7	0.000998	0.000998	0.00000504	0.00525	0.000888	0.0291	0.015	0.00000521	19.9	0.0000167	0.000236	0.00022	0.00119
2090 Jul	125	0.0475	0.094	0.00317	27	0.0397	52.8	0.001	0.001	0.00000505	0.00526	0.00089	0.0292	0.015	0.00000522	19.9	0.0000167	0.000237	0.00022	0.00119
2090 Aug	125	0.0475	0.094	0.00317	27	0.0397	52.9	0.000999	0.000999	0.00000505	0.00526	0.00089	0.0292	0.015	0.00000521	19.9	0.0000167	0.000237	0.00022	0.00119
2090 Sep	126	0.0476	0.0938	0.00316	26.9	0.0398	53	0.000998	0.000998	0.00000504	0.00526	0.000891	0.0292	0.015	0.00000521	20	0.0000167	0.000237	0.00022	0.00119
2090 Oct	125	0.0476	0.0935	0.00316	26.8	0.0397	53	0.000996	0.000996	0.00000503	0.00526	0.00089	0.0292	0.015	0.0000052	19.9	0.0000167	0.000237	0.000219	0.00119
2090 Nov	125	0.0476	0.0934	0.00315	26.8	0.0397	53	0.000995	0.000995	0.00000503	0.00525	0.00089	0.0292	0.015	0.0000052	19.9	0.0000167	0.000237	0.000219	0.00119
2090 Dec	125	0.0476	0.0934	0.00315	26.8	0.0397	53	0.000995	0.000995	0.00000503	0.00525	0.00089	0.0292	0.015	0.0000052	19.9	0.0000167	0.000237	0.000219	0.00119
2091 Jan	125	0.0476	0.0934	0.00315	26.8	0.0397	53	0.000995	0.000995	0.00000503	0.00526	0.00089	0.0292	0.015	0.0000052	19.9	0.0000167	0.000237	0.000219	0.00119
2091 Feb	125	0.0476	0.0934	0.00315	26.8	0.0397	53	0.000995	0.000995	0.00000503	0.00526	0.00089	0.0292	0.015	0.0000052	19.9	0.0000167	0.000237	0.000219	0.00119
2091 Mar	125	0.0476	0.0934	0.00315	26.8	0.0397	53	0.000995	0.000995	0.00000503	0.00526	0.00089	0.0292	0.015	0.0000052	19.9	0.0000167	0.000237	0.000219	0.00119
2091 Apr	125	0.0476	0.0935	0.00315	26.8	0.0397	53	0.000996	0.000996	0.00000503	0.00526	0.00089	0.0292	0.015	0.0000052	19.9	0.0000167	0.000237	0.000219	0.00119
2091 May	125	0.0477	0.0935	0.00316	26.8	0.0398	53	0.000996	0.000996	0.00000504	0.00526	0.000892	0.0292	0.015	0.0000052	20	0.0000167	0.000237	0.00022	0.00119
2091 Jun	125	0.0477	0.093	0.00314	26.7	0.0396	52.8	0.000994	0.000994	0.00000503	0.00526	0.000895	0.0291	0.0151	0.00000519	20	0.0000167	0.000238	0.000221	0.00119
2091 Jul	126	0.0479	0.0933	0.00315	26.8	0.0397	53.1	0.000998	0.000998	0.00000504	0.00528	0.000898	0.0292	0.0151	0.00000521	20.1	0.0000168	0.000239	0.000222	0.00119
2091 Aug	126	0.0479	0.0934	0.00316	26.8	0.0398	53.2	0.000998	0.000998	0.00000504	0.00529	0.0009	0.0293	0.0151	0.00000521	20.1	0.0000168	0.000239	0.000222	0.00119
2091 Sep	126	0.048	0.0934	0.00316	26.8	0.0398	53.3	0.000998	0.000998	0.00000504	0.00529	0.0009	0.0293	0.0151	0.00000521	20.1	0.0000168	0.000239	0.000222	0.00119
2091 Oct	126	0.048	0.0932	0.00315	26.7	0.0398	53.4	0.000996	0.000996	0.00000504	0.00529	0.0009	0.0294	0.0151	0.0000052	20.1	0.0000168	0.000239	0.000221	0.00119
2091 Nov	126	0.048	0.093	0.00315	26.7	0.0398	53.4	0.000995	0.000995	0.00000503	0.00529	0.0009	0.0293	0.0151	0.0000052	20.1	0.0000168	0.000239	0.000221	0.00119
2091 Dec	126	0.048	0.093	0.00315	26.7	0.0398	53.4	0.000995	0.000995	0.00000503	0.00529	0.0009	0.0293	0.0151	0.0000052	20.1	0.0000168	0.000239	0.000221	0.00119
2092 Jan	126	0.048	0.093	0.00315	26.7	0.0398	53.4	0.000995	0.000995	0.00000503	0.00529	0.0009	0.0293	0.0151	0.0000052	20.1	0.0000168	0.000239	0.000221	0.00119
2092 Feb	126	0.048	0.093	0.00315	26.7	0.0398	53.4	0.000995	0.000995	0.00000503	0.00529	0.0009	0.0293	0.0151	0.0000052	20.1	0.0000168	0.000239	0.000221	0.00119
2092 Mar	126	0.048	0.093	0.00315	26.7	0.0398	53.4	0.000995	0.000995	0.00000503	0.00529	0.0009	0.0294	0.0151	0.0000052	20.1	0.0000168	0.000239	0.000221	0.00119
2092 Apr	126	0.048	0.0931	0.00315	26.7	0.0399	53.4	0.000996	0.000996	0.00000503	0.00529	0.0009	0.0294	0.0151	0.0000052	20.1	0.0000168	0.000239	0.000221	0.00119
2092 May	126	0.0481	0.0931	0.00315	26.7	0.0399	53.5	0.000996	0.000996	0.00000504	0.00529	0.000902	0.0294	0.0152	0.0000052	20.2	0.0000168	0.00024	0.000222	0.00119
2092 Jun	125	0.048	0.0921	0.00312	26.5	0.0396	53.2	0.000991	0.000991	0.00000501	0.00528	0.000904	0.0292	0.0152	0.00000517	20.2	0.0000168	0.00024	0.000223	0.00119
2092 Jul	126	0.048	0.0922	0.00312	26.5	0.0396	53.3	0.000991	0.000991	0.00000501	0.00529	0.000905	0.0292	0.0152	0.00000518	20.2	0.0000168	0.00024	0.000223	0.00119
2092 Aug	126	0.0481	0.0925	0.00313	26.5	0.0398	53.6	0.000994	0.000994	0.00000502	0.0053	0.000908	0.0294	0.0153	0.00000519	20.2	0.0000169	0.000241	0.000224	0.00119
2092 Sep	126	0.0482	0.0925	0.00313	26.5	0.0398	53.8	0.000994	0.000994	0.00000502	0.00531	0.000909	0.0295	0.0153	0.00000519	20.3	0.0000169	0.000241	0.000224	0.0012
2092 Oct	126	0.0482	0.0925	0.00313	26.5	0.0399	53.9	0.000993	0.000993	0.00000502	0.00531	0.000909	0.0295	0.0153	0.00000519	20.3	0.0000169	0.000242	0.000224	0.0012
2092 Nov	127	0.0482	0.0925	0.00313	26.5	0.0399	54	0.000993	0.000993	0.00000502	0.00531	0.00091	0.0296	0.0153	0.00000519	20.3	0.0000169	0.000242	0.000224	0.0012
2092 Dec	127	0.0482	0.0925	0.00313	26.5	0.0399	54	0.000993	0.000993	0.00000502	0.00531	0.00091	0.0296	0.0153	0.00000519	20.3	0.0000169	0.000242	0.000224	0.0012
2093 Jan	127	0.0482	0.0925	0.00313	26.5	0.0399	54	0.000993	0.000993	0.00000502	0.00531	0.00091	0.0296	0.0153	0.00000519	20.3	0.0000169	0.000242	0.000224	0.0012
2093 Feb	127	0.0482	0.0925	0.00313	26.5	0.0399	54	0.000993	0.000993	0.00000502	0.00531	0.00091	0.0296	0.0153	0.00000519	20.3	0.0000169	0.000242	0.000224	0.0012
2093 Mar	127	0.0482	0.0925	0.00313	26.5	0.0399	54	0.000994	0.000994	0.00000502	0.00531	0.00091	0.0296	0.0153	0.00000519	20.3	0.0000169	0.000242	0.000224	0.0012
2093 Apr	127	0.0482	0.0925	0.00313	26.5	0.0399	54	0.000994	0.000994	0.00000502	0.00531	0.00091	0.0296	0.0153	0.00000519	20.3	0.0000169	0.000242	0.000224	0.0012
2093 May	127	0.0483	0.0926	0.00314	26.6	0.0399	54.1	0.000995	0.000995	0.00000503	0.00532	0.000912	0.0296	0.0153	0.0000052	20.4	0.0000169	0.000242	0.000225	0.0012
2093 Jun	126	0.0483	0.0921	0.00312	26.4	0.0398	53.9	0.000992	0.000992	0.00000501	0.00531	0.000914	0.0295	0.0154	0.00000518	20.4	0.0000169	0.000243	0.000226	0.0012
2093 Jul	127	0.0484	0.0923	0.00313	26.5	0.0399	54.1	0.000994	0.000994	0.00000503	0.00533	0.000917	0.0296	0.0154	0.0000052	20.4	0.000017	0.000243	0.000226	0.0012
2093 Aug	127	0.0485	0.0925	0.00314	26.5	0.04	54.3	0.000997	0.000997	0.00000504	0.00534	0.000919	0.0297	0.0154	0.00000521	20.5	0.000017	0.000244	0.000227	0.0012
2093 Sep	127	0.0486	0.0926	0.00314	26.6	0.04	54.4	0.000997	0.000997	0.00000504	0.00535	0.00092	0.0298	0.0154	0.00000521	20.5	0.0000171	0.000244	0.000227	0.0012
2093 Oct	127	0.0486	0.0924	0.00313	26.5	0.04	54.4	0.000994	0.000994	0.00000503	0.00534	0.000919	0.0297	0.0154	0.0000052	20.5	0.000017	0.000244	0.000226	0.0012
2093 Nov	127	0.0486	0.0922	0.00313	26.4	0.04	54.4	0.000994	0.000994	0.00000502	0.00534	0.000919	0.0297	0.0154	0.00000519	20.5	0.000017	0.000244	0.000226	0.0012
2093 Dec	127	0.0486	0.0922	0.00313	26.4	0.04	54.4	0.000994	0.000994	0.00000502	0.00534	0.000919	0.0297	0.0154	0.00000519	20.5	0.000017	0.000244	0.000226	0.0012
2094 Jan	127	0.0486	0.0922	0.00313	26.4	0.04	54.4	0.000994	0.000994	0.00000502	0.00534	0.000919	0.0297	0.0154	0.00000519	20.5	0.000017	0.000244	0.000226	0.0012
2094 Feb	127	0.0486	0.0922	0.00313	26.4	0.04	54.4	0.000994	0.000994	0.00000502	0.00534	0.000919	0.0297	0.0154	0.00000519	20.5	0.000017	0.000244	0.000226	0.0012
2094 Mar	127	0.0486	0.0922	0.00313	26.4	0.04	54.4	0.000994	0.000994	0.00000502	0.00534	0.000919	0.0297	0.0154	0.00000519	20.5	0.000017	0.000244	0.000226	0.0012
2094 Apr	127	0.0487	0.0923	0.00313	26.5	0.04	54.4	0.000994	0.000994	0.00000502	0.00534	0.000919	0.0297	0.0154	0.00000519	20.5	0.000017	0.000244	0.000226	0.0012
2094 May	127	0.0487	0.0922	0.00313	26.4	0.04	54.5	0.000994	0.000994	0.00000502	0.00535	0.000921	0.0298	0.0154	0.00000519	20.5	0.000017	0.000245	0.000227	0.0012
2094 Jun	127	0.0488	0.0919	0.00312	26.4	0.04	54.5	0.000993	0.000993	0.00000502	0.00535	0.000925	0.0297	0.0155	0.00000519	20.6	0.0000171	0.000245	0.000228	0.0012
2094 Jul	128	0.049	0.0923	0.00313	26.5	0.0401	54.7	0.000997	0.000997	0.00000504	0.00537	0.000928	0.0299	0.0156	0.00000521	20.7	0.0000172	0.000247	0.000229	0.00121
2094 Aug	128	0.0491	0.0927	0.00315	26.6	0.0403	55.1	0.001	0.001	0.00000506	0.0054	0.000932	0.03	0.0156	0.00000523	20.8	0.0000172	0.000248	0.00023	0.00121
2094 Sep	129	0.0492	0.0928	0.00315	26.6	0.0404	55.2	0.001	0.001	0.00000506	0.0054	0.000933	0.0301	0.0156	0.00000523	20.8	0.0000172	0.000248	0.00023	0.00121
2094 Oct	129	0.0493	0.0926	0.00315	26.6	0.0404	55.3	0.000999	0.000999	0.00000505	0.0054	0.000933	0.0302	0.0156	0.00000522	20.8	0.0000172	0.000248	0.00023	0.00121
2094 Nov	129	0.0493	0.0924	0.00314	26.5	0.0404	55.3	0.000998	0.000998	0.00000504	0.00539	0.000932	0.0302	0.0156	0.00000522	20.8	0.0000172	0.000248	0.000229	0.00121
2094 Dec	129	0.0493	0.0924	0.00314	26.5	0.0404	55.3	0.000997	0.000997	0.00000504	0.00539	0.000932	0.0302	0.0156	0.00000522	20.8	0.0000172	0.000248	0.000229	0.00121
2095 Jan	129	0.0493	0.0924	0.00314	26.5	0.0404	55.3	0.000997	0.000997	0.00000504	0.00539	0.000932	0.0302	0.0156	0.00000522	20.8	0.0000172	0.000248	0.000229	0.00121
2095 Feb	129	0.0493	0.0924	0.00314	26.5	0.0404	55.3	0.000997	0.000997	0.00000504	0.00539	0.000932	0.0302	0.0156	0.00000522	20.8	0.0000172	0.000248	0.000229	0.00121
2095 Mar	129	0.0493	0.0924	0.00314	26.5	0.0404	55.3	0.000998	0.000998	0.00000504	0.00539	0.000932	0.0302	0.0156	0.00000522	20.8	0.0000172	0.000248	0.000229	0.00121

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	129	0.0493	0.0924	0.00314	26.5	0.0404	55.3	0.000998	0.000998	0.00000504	0.0054	0.000932	0.0302	0.0156	0.00000522	20.8	0.0000172	0.000248	0.000229	0.00121
2095 May	129	0.0494	0.0924	0.00314	26.5	0.0404	55.3	0.000998	0.000998	0.00000505	0.0054	0.000934	0.0301	0.0157	0.00000522	20.9	0.0000172	0.000248	0.00023	0.00121
2095 Jun	129	0.0495	0.0923	0.00314	26.5	0.0403	55.2	0.000999	0.000999	0.00000505	0.00541	0.000937	0.0301	0.0157	0.00000522	20.9	0.0000173	0.000249	0.000231	0.00121
2095 Jul	129	0.0497	0.0927	0.00315	26.6	0.0405	55.5	0.001	0.001	0.00000507	0.00543	0.000941	0.0303	0.0158	0.00000524	21	0.0000173	0.00025	0.000232	0.00122
2095 Aug	129	0.0497	0.0928	0.00315	26.6	0.0406	55.6	0.001	0.001	0.00000507	0.00543	0.000942	0.0303	0.0158	0.00000524	21	0.0000173	0.00025	0.000232	0.00122
2095 Sep	129	0.0497	0.0929	0.00315	26.6	0.0406	55.7	0.001	0.001	0.00000507	0.00543	0.000943	0.0304	0.0158	0.00000524	21	0.0000174	0.000251	0.000232	0.00122
2095 Oct	130	0.0498	0.0929	0.00316	26.6	0.0406	55.8	0.001	0.001	0.00000507	0.00544	0.000943	0.0304	0.0158	0.00000524	21.1	0.0000174	0.000251	0.000232	0.00122
2095 Nov	130	0.0498	0.0928	0.00315	26.6	0.0407	55.8	0.001	0.001	0.00000506	0.00544	0.000943	0.0304	0.0158	0.00000524	21.1	0.0000174	0.000251	0.000232	0.00122
2095 Dec	130	0.0498	0.0928	0.00315	26.6	0.0407	55.8	0.001	0.001	0.00000506	0.00544	0.000943	0.0304	0.0158	0.00000524	21.1	0.0000174	0.000251	0.000232	0.00122
2096 Jan	130	0.0498	0.0928	0.00315	26.6	0.0407	55.8	0.001	0.001	0.00000506	0.00544	0.000943	0.0305	0.0158	0.00000524	21.1	0.0000174	0.000251	0.000232	0.00122
2096 Feb	130	0.0498	0.0928	0.00315	26.6	0.0407	55.8	0.001	0.001	0.00000506	0.00544	0.000943	0.0305	0.0158	0.00000524	21.1	0.0000174	0.000251	0.000232	0.00122
2096 Mar	130	0.0498	0.0928	0.00315	26.6	0.0407	55.8	0.001	0.001	0.00000507	0.00544	0.000943	0.0305	0.0158	0.00000524	21.1	0.0000174	0.000251	0.000232	0.00122
2096 Apr	130	0.0498	0.0928	0.00315	26.6	0.0407	55.8	0.001	0.001	0.00000507	0.00544	0.000944	0.0305	0.0158	0.00000524	21.1	0.0000174	0.000251	0.000232	0.00122
2096 May	130	0.0499	0.0928	0.00315	26.6	0.0407	56	0.001	0.001	0.00000507	0.00544	0.000945	0.0305	0.0158	0.00000524	21.1	0.0000174	0.000252	0.000233	0.00122
2096 Jun	129	0.0496	0.092	0.00313	26.4	0.0405	55.8	0.000998	0.000998	0.00000505	0.00543	0.000946	0.0304	0.0158	0.00000522	21.1	0.0000174	0.000251	0.000233	0.00122
2096 Jul	130	0.0497	0.0921	0.00314	26.4	0.0406	56	0.001	0.001	0.00000506	0.00545	0.000948	0.0304	0.0158	0.00000523	21.1	0.0000174	0.000252	0.000233	0.00122
2096 Aug	130	0.0499	0.0925	0.00315	26.5	0.0407	56.2	0.001	0.001	0.00000507	0.00547	0.000951	0.0306	0.0159	0.00000525	21.2	0.0000175	0.000253	0.000234	0.00122
2096 Sep	130	0.05	0.0925	0.00315	26.5	0.0407	56.3	0.001	0.001	0.00000507	0.00547	0.000951	0.0306	0.0159	0.00000524	21.2	0.0000175	0.000253	0.000234	0.00122
2096 Oct	130	0.05	0.0922	0.00314	26.4	0.0407	56.3	0.001	0.001	0.00000506	0.00547	0.000951	0.0306	0.0159	0.00000523	21.2	0.0000175	0.000253	0.000233	0.00122
2096 Nov	130	0.0501	0.0922	0.00314	26.4	0.0407	56.3	0.001	0.001	0.00000506	0.00547	0.000951	0.0306	0.0159	0.00000523	21.2	0.0000175	0.000253	0.000233	0.00122
2096 Dec	130	0.0501	0.0922	0.00314	26.4	0.0407	56.3	0.001	0.001	0.00000506	0.00547	0.000951	0.0306	0.0159	0.00000523	21.2	0.0000175	0.000253	0.000233	0.00122
2097 Jan	130	0.0501	0.0922	0.00314	26.4	0.0407	56.3	0.001	0.001	0.00000506	0.00547	0.000951	0.0306	0.0159	0.00000523	21.2	0.0000175	0.000253	0.000233	0.00122
2097 Feb	130	0.0501	0.0922	0.00314	26.4	0.0407	56.3	0.001	0.001	0.00000506	0.00547	0.000951	0.0306	0.0159	0.00000523	21.2	0.0000175	0.000253	0.000233	0.00122
2097 Mar	130	0.0501	0.0922	0.00314	26.4	0.0407	56.3	0.001	0.001	0.00000506	0.00547	0.000951	0.0306	0.0159	0.00000523	21.2	0.0000175	0.000253	0.000233	0.00122
2097 Apr	130	0.0501	0.0922	0.00314	26.4	0.0407	56.3	0.001	0.001	0.00000506	0.00547	0.000951	0.0306	0.0159	0.00000523	21.2	0.0000175	0.000253	0.000233	0.00122
2097 May	130	0.0502	0.0923	0.00314	26.4	0.0408	56.3	0.001	0.001	0.00000506	0.00548	0.000953	0.0307	0.0159	0.00000524	21.2	0.0000175	0.000253	0.000234	0.00122
2097 Jun	130	0.0502	0.092	0.00314	26.4	0.0407	56.2	0.001	0.001	0.00000506	0.00548	0.000955	0.0306	0.016	0.00000523	21.3	0.0000175	0.000254	0.000235	0.00122
2097 Jul	130	0.0504	0.0924	0.00315	26.5	0.0408	56.4	0.001	0.001	0.00000508	0.0055	0.000959	0.0307	0.016	0.00000525	21.3	0.0000176	0.000255	0.000236	0.00123
2097 Aug	131	0.0505	0.0926	0.00316	26.5	0.0409	56.6	0.00101	0.00101	0.00000509	0.00551	0.000961	0.0308	0.0161	0.00000526	21.4	0.0000176	0.000255	0.000236	0.00123
2097 Sep	131	0.0506	0.0927	0.00316	26.5	0.041	56.7	0.00101	0.00101	0.00000509	0.00552	0.000962	0.0309	0.0161	0.00000527	21.4	0.0000176	0.000256	0.000236	0.00123
2097 Oct	131	0.0506	0.0927	0.00316	26.5	0.041	56.7	0.00101	0.00101	0.00000509	0.00552	0.000962	0.0309	0.0161	0.00000527	21.4	0.0000176	0.000256	0.000236	0.00123
2097 Nov	131	0.0506	0.0927	0.00316	26.5	0.041	56.7	0.00101	0.00101	0.00000509	0.00552	0.000962	0.0309	0.0161	0.00000526	21.4	0.0000176	0.000256	0.000236	0.00123
2097 Dec	131	0.0506	0.0927	0.00316	26.5	0.041	56.7	0.00101	0.00101	0.00000509	0.00552	0.000962	0.0309	0.016	0.00000526	21.4	0.0000176	0.000256	0.000236	0.00123
2098 Jan	131	0.0506	0.0927	0.00316	26.5	0.041	56.7	0.00101	0.00101	0.00000509	0.00552	0.000962	0.0309	0.016	0.00000526	21.4	0.0000176	0.000256	0.000236	0.00123
2098 Feb	131	0.0506	0.0927	0.00316	26.5	0.041	56.7	0.00101	0.00101	0.00000509	0.00552	0.000962	0.0309	0.016	0.00000526	21.4	0.0000176	0.000256	0.000236	0.00123
2098 Mar	131	0.0506	0.0927	0.00316	26.5	0.041	56.7	0.00101	0.00101	0.00000509	0.00552	0.000962	0.0309	0.0161	0.00000526	21.4	0.0000176	0.000256	0.000236	0.00123
2098 Apr	131	0.0506	0.0927	0.00316	26.5	0.041	56.7	0.00101	0.00101	0.00000509	0.00552	0.000962	0.0309	0.0161	0.00000526	21.4	0.0000176	0.000256	0.000236	0.00123
2098 May	131	0.0507	0.0926	0.00315	26.5	0.041	56.6	0.00101	0.00101	0.00000509	0.00552	0.000965	0.0308	0.0161	0.00000526	21.5	0.0000177	0.000256	0.000237	0.00123
2098 Jun	130	0.0506	0.0919	0.00313	26.3	0.0407	56.3	0.001	0.001	0.00000506	0.00551	0.000966	0.0306	0.0162	0.00000524	21.4	0.0000176	0.000256	0.000238	0.00123
2098 Jul	131	0.0508	0.0923	0.00315	26.4	0.0408	56.5	0.00101	0.00101	0.00000508	0.00553	0.000969	0.0307	0.0162	0.00000526	21.5	0.0000177	0.000257	0.000239	0.00123
2098 Aug	131	0.0509	0.0924	0.00315	26.5	0.0409	56.6	0.00101	0.00101	0.00000509	0.00553	0.000971	0.0308	0.0162	0.00000526	21.5	0.0000177	0.000257	0.000239	0.00123
2098 Sep	131	0.0509	0.0923	0.00315	26.4	0.0409	56.6	0.001	0.001	0.00000508	0.00553	0.00097	0.0308	0.0162	0.00000525	21.5	0.0000177	0.000257	0.000239	0.00123
2098 Oct	131	0.0509	0.092	0.00314	26.3	0.0409	56.7	0.001	0.001	0.00000507	0.00553	0.000969	0.0308	0.0162	0.00000524	21.5	0.0000177	0.000257	0.000238	0.00123
2098 Nov	131	0.0509	0.0919	0.00314	26.3	0.0409	56.7	0.001	0.001	0.00000506	0.00552	0.000969	0.0308	0.0162	0.00000524	21.5	0.0000177	0.000257	0.000238	0.00123
2098 Dec	131	0.0509	0.0919	0.00314	26.3	0.0409	56.7	0.001	0.001	0.00000506	0.00553	0.000969	0.0308	0.0162	0.00000524	21.5	0.0000177	0.000257	0.000238	0.00123
2099 Jan	131	0.0509	0.0919	0.00314	26.3	0.0409	56.7	0.001	0.001	0.00000506	0.00553	0.000969	0.0308	0.0162	0.00000524	21.5	0.0000177	0.000257	0.000238	0.00123
2099 Feb	131	0.051	0.0919	0.00314	26.3	0.0409	56.7	0.001	0.001	0.00000506	0.00553	0.000969	0.0308	0.0162	0.00000524	21.5	0.0000177	0.000257	0.000238	0.00123
2099 Mar	131	0.051	0.0919	0.00314	26.3	0.0409	56.7	0.001	0.001	0.00000506	0.00553	0.000969	0.0308	0.0162	0.00000524	21.5	0.0000177	0.000257	0.000238	0.00123
2099 Apr	131	0.051	0.092	0.00314	26.3	0.0409	56.7	0.001	0.001	0.00000507	0.00553	0.00097	0.0308	0.0162	0.00000524	21.5	0.0000177	0.000257	0.000238	0.00123
2099 May	131	0.0511	0.0916	0.00313	26.3	0.0408	56.5	0.001	0.001	0.00000506	0.00553	0.000974	0.0307	0.0163	0.00000523	21.6	0.0000177	0.000258	0.000241	0.00123
2099 Jun	131	0.0511	0.0914	0.00312	26.2	0.0407	56.5	0.000999	0.000999	0.00000505	0.00552	0.000975	0.0306	0.0164	0.00000523	21.6	0.0000177	0.000258	0.000241	0.00123
2099 Jul	131	0.0513	0.0917	0.00313	26.3	0.0408	56.7	0.001	0.001	0.00000507	0.00554	0.000978	0.0308	0.0164	0.00000524	21.7	0.0000177	0.000259	0.000242	0.00123
2099 Aug	131	0.0514	0.0921	0.00314	26.4	0.041	56.9	0.001	0.001	0.00000508	0.00556	0.000982	0.0309	0.0165	0.00000526	21.7	0.0000178	0.00026	0.000242	0.00124
2099 Sep	131	0.0515	0.092	0.00314	26.4	0.041	56.9	0.001	0.001	0.00000508	0.00556	0.000981	0.0309	0.0164	0.00000525	21.7	0.0000178	0.00026	0.000242	0.00124
2099 Oct	131	0.0515	0.0919	0.00314	26.3	0.041	57	0.001	0.001	0.00000507	0.00556	0.000981	0.0309	0.0164	0.00000525	21.7	0.0000178	0.00026	0.000242	0.00124
2099 Nov	131	0.0515	0.0918	0.00314	26.3	0.041	57	0.001	0.001	0.00000507	0.00555	0.000981	0.0309	0.0164	0.00000524	21.7	0.0000178	0.00026	0.000242	0.00124
2099 Dec	131	0.0515	0.0918	0.00314	26.3	0.041	57	0.001	0.001	0.00000507	0.00555	0.000981	0.0309	0.0164	0.00000524	21.7	0.0000178	0.00026	0.000242	0.00124
2100 Jan	131	0.0515	0.0918	0.00314	26.3	0.041	57	0.001	0.001	0.00000507	0.00555	0.000981	0.0309	0.0164	0.00000524	21.7	0.0000178	0.00026	0.000242	0.00124
2100 Feb	131	0.0515	0.0918	0.00314	26.3	0.041	57	0.001	0.001	0.00000507	0.00555	0.000981	0.0309	0.0164	0.00000524	21.7	0.0000178	0.00026	0.000242	0.00124
2100 Mar	131	0.0515	0.0918	0.00314	26.3	0.041	57	0.001	0.001	0.00000507	0.00555	0.000981	0.0309	0.0164	0.00000524	21.7	0.0000178	0.00026	0.000242	0.00124
2100 Apr	131	0.0515	0.0918	0.00314	26.3	0.041	57	0.001	0.001	0.00000507	0.00556	0.000981	0.0309	0.0164	0.00000525	21.7	0.0000178	0.00026	0.000242	0.00124
2100 May	132	0.0516	0.0917	0.00313	26.3	0.041	57	0.001	0.001	0.00000507	0.00556	0.000984	0.0309	0.0165	0.00000525	21.8	0.0000178	0.000261	0.000243	0.00124
2100 Jun	131	0.0515	0.0911	0.00312	26.1	0.0407	56.7	0.000999	0.000999	0.00000505	0.00555	0.000984	0.0307	0.0165	0.00000522	21.7	0.0000178	0.00026	0.000243	0.00123
2100 Jul	131	0.0515	0.0913	0.00312	26.1	0.0408	56.8	0.001	0.001	0.00000505	0.00556	0.000986	0.0308	0.0165	0.00000523	21.8	0.0000178	0.000261	0.000244	0.00123
2100 Aug	131	0.0516	0.0913	0.00312	26.1	0.0408	56.9	0.000999	0.000999	0.00000505	0.00556	0.000986	0.0308	0.0165	0.00000523	21.8	0.0000178	0.000261	0.000244	0.00123
2100 Sep	131	0.0516	0.0913	0.00312	26.1	0.0409	57	0.001	0.001	0.00000505	0.00556	0.000987	0.0309	0.0165	0.00000523	21.8	0.0000178	0.000261	0.000244	0.00124
2100 Oct	131	0.0516	0.0914	0.00313	26.1	0.0409	57.1	0.001	0.001	0.00000505	0.00556	0.000987	0.0309	0.0165	0.00000523	21.8	0.0000178	0.000261	0.000244	0.00124
2100 Nov	131	0.0517	0.0914	0.00313	26.1	0.0409	57.1	0.001	0.001	0.00000505	0.00556	0.000988	0.0309	0.0165	0.00000523	21.8	0.0000178	0.000261	0.000244	0.00124
2100 Dec	131	0.0517	0.0914	0.00313	26.1	0.0409	57.1	0.001	0.001	0.00000506	0.00557	0.000988	0.0309	0.0165	0.00000523	21.8	0.0000178	0.000261	0.000244	0.00124
2101 Jan	132	0.0517	0.0914	0.00313	26.1	0.0409	57.1	0.001	0.001	0.00000506	0.00557	0.000988	0.0309	0.0165	0.00000523	21.8	0.0000178	0.000261	0.000244	0.00124
2101 Feb	132	0.0517	0.0914	0.00313	26.1	0.0409	57.1	0.001	0.001	0.00000506	0.00557	0.000988	0.0309	0.0165	0.00000523	21.8	0.0000178	0.000261	0.000244	0.00124
2101 Mar	132	0.0517	0.0914	0.00313	26.1	0.0409	57.1	0.001	0.001	0.00000506	0.00557	0.000988	0.0309	0.0165	0.00000523	21.8	0.0000178	0.000261	0.000244	0.00124
2101 Apr	132	0.0517	0.0914	0.00313	26.2	0.0409	57.2	0.001	0.001	0.00000506	0.00557	0.000988	0.031	0.0165	0.00000523	21.8	0.0000178	0.000261	0.000244	0.00124
2101 May	132	0.0517	0.0913	0.00312	26.2	0.0409	57.1	0.001	0.001	0.00000506	0.00557	0.00099	0.0309	0.0166	0.00000523	21.9	0.0000178	0.000262	0.000245	0.00124
2101 Jun	131	0.0517	0.091	0.00311	26.1	0.0408	56.9	0.000998	0.000998	0.00000505	0.00557	0.000991	0.0308	0.0166	0.00000522	21.9	0.0000178	0.000262	0.000245	0.00123
2101 Jul	132	0.0519	0.0913	0.00312	26.1	0.0409	57.1	0.001	0.001	0.00000506	0.00559	0.000995	0.0309	0.0167	0.00000524	21.9	0.0000179	0.000263	0.000246	0.00124
2101 Aug	132	0.052	0.0916	0.00314	26.2	0.0411	57.4	0.001	0.001	0.00000508	0.0056	0.000998	0.031	0.0167	0.00000526	22	0.000018	0.000264	0.000247	0.00124

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	132	0.0521	0.0916	0.00314	26.2	0.0411	57.5	0.001	0.001	0.00000508	0.00561	0.000999	0.0311	0.0167	0.00000526	22	0.000018	0.000264	0.000247	0.00124
2101 Oct	132	0.0521	0.0916	0.00314	26.2	0.0411	57.5	0.001	0.001	0.00000508	0.00561	0.000999	0.0311	0.0167	0.00000525	22	0.000018	0.000264	0.000247	0.00124
2101 Nov	132	0.0521	0.0915	0.00313	26.2	0.0411	57.5	0.001	0.001	0.00000507	0.0056	0.000998	0.0311	0.0167	0.00000525	22	0.000018	0.000264	0.000247	0.00124
2101 Dec	132	0.0522	0.0915	0.00313	26.2	0.0411	57.5	0.001	0.001	0.00000507	0.00561	0.000998	0.0311	0.0167	0.00000525	22	0.000018	0.000264	0.000246	0.00124
2102 Jan	132	0.0522	0.0915	0.00313	26.2	0.0411	57.5	0.001	0.001	0.00000507	0.00561	0.000998	0.0311	0.0167	0.00000525	22	0.000018	0.000264	0.000246	0.00124
2102 Feb	132	0.0522	0.0915	0.00313	26.2	0.0411	57.5	0.001	0.001	0.00000507	0.00561	0.000998	0.0311	0.0167	0.00000525	22	0.000018	0.000264	0.000246	0.00124
2102 Mar	132	0.0522	0.0915	0.00313	26.2	0.0411	57.5	0.001	0.001	0.00000507	0.00561	0.000998	0.0311	0.0167	0.00000525	22	0.000018	0.000264	0.000246	0.00124
2102 Apr	132	0.0522	0.0916	0.00313	26.2	0.0411	57.5	0.001	0.001	0.00000507	0.00561	0.000999	0.0311	0.0167	0.00000525	22	0.000018	0.000264	0.000247	0.00124
2102 May	132	0.0522	0.0916	0.00314	26.2	0.0412	57.6	0.001	0.001	0.00000508	0.00561	0.000999	0.0312	0.0167	0.00000526	22.1	0.000018	0.000264	0.000247	0.00124
2102 Jun	132	0.0519	0.091	0.00312	26	0.041	57.3	0.001	0.001	0.00000506	0.00561	0.000997	0.031	0.0167	0.00000524	22	0.000018	0.000263	0.000245	0.00124
2102 Jul	132	0.0518	0.0909	0.00312	26	0.0409	57.3	0.001	0.001	0.00000506	0.00561	0.000997	0.031	0.0166	0.00000524	21.9	0.000018	0.000263	0.000245	0.00124
2102 Aug	132	0.0519	0.0911	0.00313	26	0.041	57.4	0.001	0.001	0.00000507	0.00563	0.000999	0.0311	0.0167	0.00000525	22	0.000018	0.000264	0.000245	0.00124
2102 Sep	132	0.052	0.0912	0.00313	26	0.0411	57.5	0.001	0.001	0.00000507	0.00563	0.001	0.0311	0.0167	0.00000525	22	0.000018	0.000264	0.000245	0.00124
2102 Oct	132	0.052	0.091	0.00312	26	0.041	57.4	0.001	0.001	0.00000506	0.00562	0.000998	0.0311	0.0166	0.00000524	21.9	0.000018	0.000263	0.000245	0.00124
2102 Nov	132	0.052	0.091	0.00312	26	0.041	57.4	0.001	0.001	0.00000506	0.00562	0.000998	0.0311	0.0166	0.00000524	21.9	0.000018	0.000263	0.000245	0.00124
2102 Dec	132	0.052	0.091	0.00312	26	0.041	57.4	0.001	0.001	0.00000506	0.00562	0.000998	0.0311	0.0166	0.00000524	22	0.000018	0.000263	0.000245	0.00124
2103 Jan	132	0.052	0.091	0.00312	26	0.041	57.4	0.001	0.001	0.00000506	0.00562	0.000998	0.0311	0.0166	0.00000524	22	0.000018	0.000263	0.000245	0.00124
2103 Feb	132	0.052	0.091	0.00312	26	0.041	57.4	0.001	0.001	0.00000506	0.00562	0.000998	0.0311	0.0166	0.00000524	22	0.000018	0.000263	0.000245	0.00124
2103 Mar	132	0.052	0.091	0.00312	26	0.041	57.4	0.001	0.001	0.00000506	0.00562	0.000998	0.0311	0.0166	0.00000524	22	0.000018	0.000263	0.000245	0.00124
2103 Apr	132	0.052	0.091	0.00312	26	0.041	57.5	0.001	0.001	0.00000506	0.00563	0.000999	0.0311	0.0166	0.00000524	22	0.000018	0.000264	0.000245	0.00124
2103 May	132	0.0521	0.091	0.00312	26	0.0411	57.5	0.001	0.001	0.00000507	0.00563	0.001	0.0311	0.0167	0.00000524	22	0.000018	0.000264	0.000246	0.00124
2103 Jun	132	0.052	0.0904	0.0031	25.8	0.0409	57.4	0.000999	0.000999	0.00000505	0.00562	0.001	0.031	0.0168	0.00000523	22	0.000018	0.000265	0.000247	0.00124
2103 Jul	132	0.0521	0.0906	0.00311	25.9	0.041	57.5	0.001	0.001	0.00000506	0.00563	0.001	0.0311	0.0168	0.00000523	22.1	0.0000181	0.000265	0.000247	0.00124
2103 Aug	132	0.0521	0.0906	0.00311	25.9	0.041	57.6	0.001	0.001	0.00000506	0.00564	0.00101	0.0311	0.0168	0.00000524	22.1	0.0000181	0.000265	0.000247	0.00124
2103 Sep	132	0.0521	0.0905	0.00311	25.8	0.041	57.6	0.000999	0.000999	0.00000505	0.00564	0.00101	0.0311	0.0168	0.00000523	22.1	0.000018	0.000265	0.000247	0.00124
2103 Oct	132	0.0522	0.0902	0.0031	25.7	0.041	57.5	0.000997	0.000997	0.00000504	0.00563	0.001	0.0311	0.0167	0.00000522	22	0.000018	0.000264	0.000246	0.00124
2103 Nov	132	0.0522	0.0901	0.0031	25.7	0.0409	57.5	0.000996	0.000996	0.00000504	0.00563	0.001	0.031	0.0167	0.00000522	22	0.000018	0.000264	0.000246	0.00124
2103 Dec	132	0.0522	0.0901	0.0031	25.7	0.041	57.5	0.000996	0.000996	0.00000504	0.00563	0.001	0.031	0.0167	0.00000522	22	0.000018	0.000264	0.000246	0.00124
2104 Jan	132	0.0522	0.0901	0.0031	25.7	0.041	57.5	0.000996	0.000996	0.00000504	0.00563	0.001	0.031	0.0167	0.00000522	22	0.000018	0.000264	0.000246	0.00124
2104 Feb	132	0.0522	0.0901	0.0031	25.7	0.041	57.5	0.000996	0.000996	0.00000504	0.00563	0.001	0.031	0.0167	0.00000522	22	0.000018	0.000264	0.000246	0.00124
2104 Mar	132	0.0522	0.0901	0.0031	25.7	0.041	57.5	0.000996	0.000996	0.00000504	0.00563	0.001	0.0311	0.0167	0.00000522	22	0.000018	0.000264	0.000246	0.00124
2104 Apr	132	0.0522	0.0901	0.0031	25.7	0.041	57.5	0.000997	0.000997	0.00000504	0.00563	0.001	0.0311	0.0167	0.00000522	22	0.000018	0.000264	0.000246	0.00124
2104 May	132	0.0523	0.09	0.0031	25.7	0.0409	57.5	0.000997	0.000997	0.00000504	0.00564	0.00101	0.031	0.0168	0.00000522	22.1	0.000018	0.000265	0.000247	0.00124
2104 Jun	131	0.0522	0.0896	0.00308	25.6	0.0408	57.3	0.000994	0.000994	0.00000503	0.00563	0.00101	0.0309	0.0168	0.0000052	22	0.000018	0.000265	0.000247	0.00123
2104 Jul	132	0.0523	0.0898	0.00309	25.7	0.0409	57.4	0.000996	0.000996	0.00000504	0.00564	0.00101	0.031	0.0169	0.00000521	22.1	0.0000181	0.000265	0.000248	0.00124
2104 Aug	132	0.0524	0.09	0.0031	25.7	0.0409	57.6	0.000998	0.000998	0.00000504	0.00565	0.00101	0.0311	0.0169	0.00000522	22.1	0.0000181	0.000266	0.000248	0.00124
2104 Sep	132	0.0525	0.09	0.0031	25.7	0.041	57.6	0.000997	0.000997	0.00000504	0.00565	0.00101	0.0311	0.0169	0.00000522	22.1	0.0000181	0.000266	0.000248	0.00124
2104 Oct	132	0.0525	0.0898	0.00309	25.6	0.0409	57.5	0.000995	0.000995	0.00000503	0.00565	0.00101	0.031	0.0168	0.00000521	22.1	0.0000181	0.000265	0.000247	0.00124
2104 Nov	132	0.0525	0.0898	0.00309	25.6	0.0409	57.5	0.000995	0.000995	0.00000503	0.00565	0.00101	0.031	0.0168	0.00000521	22.1	0.0000181	0.000265	0.000247	0.00124
2104 Dec	132	0.0525	0.0898	0.00309	25.6	0.0409	57.6	0.000995	0.000995	0.00000503	0.00565	0.00101	0.031	0.0168	0.00000521	22.1	0.0000181	0.000265	0.000247	0.00124
2105 Jan	132	0.0525	0.0898	0.00309	25.6	0.0409	57.6	0.000995	0.000995	0.00000503	0.00565	0.00101	0.031	0.0168	0.00000521	22.1	0.0000181	0.000265	0.000247	0.00124
2105 Feb	132	0.0525	0.0898	0.00309	25.6	0.0409	57.6	0.000995	0.000995	0.00000503	0.00565	0.00101	0.031	0.0168	0.00000521	22.1	0.0000181	0.000265	0.000247	0.00124
2105 Mar	132	0.0525	0.0898	0.00309	25.6	0.0409	57.6	0.000995	0.000995	0.00000503	0.00565	0.00101	0.031	0.0168	0.00000521	22.1	0.0000181	0.000265	0.000247	0.00124
2105 Apr	132	0.0525	0.0898	0.00309	25.6	0.0409	57.6	0.000995	0.000995	0.00000503	0.00565	0.00101	0.0311	0.0168	0.00000521	22.1	0.0000181	0.000266	0.000247	0.00124
2105 May	132	0.0526	0.0897	0.00309	25.6	0.0409	57.6	0.000996	0.000996	0.00000503	0.00565	0.00101	0.031	0.0169	0.00000521	22.1	0.0000181	0.000266	0.000248	0.00124
2105 Jun	132	0.0526	0.0896	0.00309	25.6	0.0409	57.5	0.000995	0.000995	0.00000503	0.00566	0.00102	0.031	0.0169	0.00000521	22.2	0.0000181	0.000266	0.000249	0.00124
2105 Jul	132	0.0527	0.0898	0.00309	25.6	0.041	57.7	0.000997	0.000997	0.00000504	0.00567	0.00102	0.0311	0.017	0.00000522	22.2	0.0000181	0.000267	0.00025	0.00124
2105 Aug	132	0.0527	0.0899	0.0031	25.6	0.041	57.7	0.000997	0.000997	0.00000504	0.00567	0.00102	0.0311	0.017	0.00000522	22.2	0.0000181	0.000267	0.00025	0.00124
2105 Sep	132	0.0527	0.0897	0.00309	25.6	0.041	57.8	0.000995	0.000995	0.00000503	0.00566	0.00102	0.0311	0.0169	0.00000521	22.2	0.0000181	0.000267	0.000249	0.00124
2105 Oct	132	0.0528	0.0894	0.00308	25.5	0.041	57.8	0.000993	0.000993	0.00000502	0.00566	0.00102	0.0311	0.0169	0.0000052	22.2	0.0000181	0.000267	0.000248	0.00124
2105 Nov	132	0.0528	0.0893	0.00308	25.5	0.041	57.8	0.000993	0.000993	0.00000502	0.00566	0.00102	0.0311	0.0169	0.0000052	22.2	0.0000181	0.000267	0.000248	0.00124
2105 Dec	132	0.0528	0.0893	0.00308	25.5	0.041	57.8	0.000993	0.000993	0.00000502	0.00566	0.00102	0.0311	0.0169	0.0000052	22.2	0.0000181	0.000267	0.000248	0.00124
2106 Jan	132	0.0528	0.0893	0.00308	25.5	0.041	57.8	0.000993	0.000993	0.00000502	0.00566	0.00102	0.0311	0.0169	0.0000052	22.2	0.0000181	0.000267	0.000248	0.00124
2106 Feb	132	0.0528	0.0893	0.00308	25.5	0.041	57.8	0.000993	0.000993	0.00000502	0.00566	0.00102	0.0311	0.0169	0.0000052	22.2	0.0000181	0.000267	0.000248	0.00124
2106 Mar	132	0.0528	0.0894	0.00308	25.5	0.041	57.8	0.000993	0.000993	0.00000502	0.00566	0.00102	0.0311	0.0169	0.0000052	22.2	0.0000181	0.000267	0.000248	0.00124
2106 Apr	132	0.0528	0.0894	0.00308	25.5	0.041	57.8	0.000993	0.000993	0.00000502	0.00566	0.00102	0.0311	0.0169	0.0000052	22.2	0.0000181	0.000267	0.000248	0.00124
2106 May	132	0.0528	0.0894	0.00308	25.5	0.041	57.9	0.000994	0.000994	0.00000503	0.00567	0.00102	0.0312	0.0169	0.0000052	22.2	0.0000181	0.000267	0.000249	0.00124
2106 Jun	131	0.0527	0.0888	0.00307	25.4	0.0408	57.6	0.000991	0.000991	0.00000501	0.00566	0.00102	0.031	0.017	0.00000519	22.2	0.0000181	0.000267	0.000249	0.00124
2106 Jul	132	0.0528	0.089	0.00307	25.4	0.0409	57.8	0.000993	0.000993	0.00000502	0.00567	0.00102	0.0311	0.017	0.0000052	22.2	0.0000181	0.000267	0.00025	0.00124
2106 Aug	132	0.0528	0.0891	0.00308	25.4	0.041	57.8	0.000993	0.000993	0.00000502	0.00568	0.00102	0.0311	0.017	0.0000052	22.2	0.0000181	0.000268	0.00025	0.00124
2106 Sep	132	0.0528	0.0889	0.00307	25.3	0.041	57.9	0.000992	0.000992	0.00000501	0.00567	0.00102	0.0311	0.017	0.00000519	22.2	0.0000181	0.000267	0.000249	0.00124
2106 Oct	132	0.0528	0.0889	0.00307	25.3	0.041	58	0.000991	0.000991	0.00000501	0.00567	0.00102	0.0312	0.017	0.00000519	22.3	0.0000181	0.000268	0.000249	0.00124
2106 Nov	132	0.0529	0.0889	0.00307	25.3	0.041	58	0.000991	0.000991	0.00000501	0.00568	0.00102	0.0312	0.017	0.00000519	22.3	0.0000181	0.000268	0.000249	0.00124
2106 Dec	132	0.0529	0.0889	0.00307	25.3	0.041	58	0.000991	0.000991	0.00000501	0.00568	0.00102	0.0312	0.017	0.00000519	22.3	0.0000181	0.000268	0.000249	0.00124
2107 Jan	132	0.0529	0.0889	0.00307	25.3	0.041	58	0.000991	0.000991	0.00000501	0.00568	0.00102	0.0312	0.017	0.00000519	22.3	0.0000181	0.000268	0.000249	0.00124
2107 Feb	132	0.0529	0.0889	0.00307	25.3	0.041	58	0.000991	0.000991	0.00000501	0.00568	0.00102	0.0312	0.017	0.00000519	22.3	0.0000181	0.000268	0.000249	0.00124
2107 Mar	132	0.0529	0.0889	0.00307	25.3	0.041	58	0.000991	0.000991	0.00000501	0.00568	0.00102	0.0312	0.017	0.00000519	22.3	0.0000181	0.000268	0.000249	0.00124
2107 Apr	132	0.0529	0.0889	0.00307	25.3	0.041	58	0.000992	0.000992	0.00000501	0.00568	0.00102	0.0312	0.017	0.00000519	22.3	0.0000181	0.000268	0.000249	0.00124
2107 May	132	0.0529	0.0889	0.00307	25.3	0.041	58	0.000992	0.000992	0.00000501	0.00568	0.00102	0.0312	0.017	0.00000519	22.3	0.0000181	0.000268	0.00025	0.00124
2107 Jun	132	0.0529	0.0886	0.00306	25.3	0.0409	57.8	0.00099	0.00099	0.00000501	0.00568	0.00103	0.0311	0.017	0.00000519	22.3	0.0000181	0.000268	0.00025	0.00124
2107 Jul	132	0.053	0.0888	0.00307	25.3	0.041	57.9	0.000992	0.000992	0.00000501	0.00569	0.00103	0.0311	0.0171	0.00000519	22.3	0.0000182	0.000268	0.000251	0.00124
2107 Aug	132	0.0531	0.089	0.00308	25.4	0.0411	58.1	0.000994	0.000994	0.00000503	0.0057	0.00103	0.0312	0.0171	0.0000052	22.4	0.0000182	0.000269	0.000251	0.00124
2107 Sep	132	0.0532	0.0891	0.00308	25.4	0.0411	58.2	0.000994	0.000994	0.00000503	0.0057	0.00103	0.0313	0.0171	0.00000521	22.4	0.0000182	0.000269	0.000251	0.00124
2107 Oct	132	0.0532	0.089	0.00308	25.3	0.0411	58.2	0.000994	0.000994	0.00000502	0.0057	0.00103	0.0313	0.0171	0.0000052	22.4	0.0000182	0.00027	0.000251	0.00124
2107 Nov	132	0.0532	0.089	0.00308	25.3	0.0411	58.3	0.000993	0.000993	0.00000502	0.0057	0.00103	0.0313	0.0171	0.0000052	22.4	0.0000182	0.000269	0.000251	0.00124
2107 Dec	132	0.0532	0.089	0.00308	25.3	0.0411	58.3	0.000993	0.000993	0.00000502	0.0057	0.00103	0.0313	0.0171	0.0000052	22.4	0.0000182	0.00027	0.000251	0.00124
2108 Jan	132	0.0532	0.089	0.00308	25.3	0.0411	58.3	0.000993	0.000993	0.00000502	0.0057	0.00103	0.0313	0.0171	0.0000052	22.4	0.0000182	0.00027	0.000251	0.00124

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	132	0.0532	0.089	0.00308	25.3	0.0411	58.3	0.000993	0.000993	0.00000502	0.0057	0.00103	0.0313	0.0171	0.0000052	22.4	0.0000182	0.00027	0.000251	0.00124
2108 Mar	132	0.0532	0.089	0.00308	25.3	0.0411	58.3	0.000994	0.000994	0.00000502	0.00571	0.00103	0.0313	0.0171	0.0000052	22.4	0.0000182	0.00027	0.000251	0.00124
2108 Apr	133	0.0533	0.0891	0.00308	25.4	0.0412	58.3	0.000994	0.000994	0.00000503	0.00571	0.00103	0.0313	0.0171	0.00000521	22.4	0.0000182	0.00027	0.000251	0.00124
2108 May	133	0.0533	0.0892	0.00308	25.4	0.0412	58.4	0.000995	0.000995	0.00000503	0.00572	0.00103	0.0314	0.0171	0.00000521	22.5	0.0000183	0.00027	0.000252	0.00125
2108 Jun	132	0.0532	0.0889	0.00308	25.3	0.0411	58.2	0.000994	0.000994	0.00000503	0.00572	0.00103	0.0313	0.0171	0.00000521	22.4	0.0000183	0.00027	0.000252	0.00124
2108 Jul	133	0.0534	0.0892	0.00309	25.4	0.0412	58.4	0.000997	0.000997	0.00000504	0.00574	0.00104	0.0314	0.0172	0.00000522	22.5	0.0000183	0.000271	0.000252	0.00125
2108 Aug	133	0.0535	0.0895	0.0031	25.5	0.0414	58.6	0.001	0.001	0.00000506	0.00576	0.00104	0.0315	0.0172	0.00000524	22.6	0.0000184	0.000272	0.000253	0.00125
2108 Sep	133	0.0536	0.0896	0.0031	25.5	0.0414	58.7	0.001	0.001	0.00000506	0.00576	0.00104	0.0316	0.0172	0.00000524	22.6	0.0000184	0.000272	0.000253	0.00125
2108 Oct	133	0.0536	0.0894	0.00309	25.4	0.0414	58.6	0.000999	0.000999	0.00000505	0.00575	0.00104	0.0315	0.0172	0.00000523	22.5	0.0000184	0.000272	0.000252	0.00125
2108 Nov	133	0.0537	0.0894	0.00309	25.4	0.0414	58.6	0.000998	0.000998	0.00000505	0.00575	0.00104	0.0315	0.0172	0.00000523	22.5	0.0000184	0.000272	0.000252	0.00125
2108 Dec	133	0.0537	0.0894	0.00309	25.4	0.0414	58.6	0.000998	0.000998	0.00000505	0.00575	0.00104	0.0315	0.0172	0.00000523	22.5	0.0000184	0.000272	0.000252	0.00125
2109 Jan	133	0.0537	0.0894	0.00309	25.4	0.0414	58.6	0.000998	0.000998	0.00000505	0.00575	0.00104	0.0315	0.0172	0.00000523	22.5	0.0000184	0.000272	0.000252	0.00125
2109 Feb	133	0.0537	0.0894	0.00309	25.4	0.0414	58.6	0.000998	0.000998	0.00000505	0.00575	0.00104	0.0315	0.0172	0.00000523	22.5	0.0000184	0.000272	0.000252	0.00125
2109 Mar	133	0.0537	0.0894	0.00309	25.4	0.0414	58.6	0.000998	0.000998	0.00000505	0.00575	0.00104	0.0315	0.0172	0.00000523	22.6	0.0000184	0.000272	0.000252	0.00125
2109 Apr	133	0.0537	0.0894	0.00309	25.4	0.0414	58.6	0.000999	0.000999	0.00000505	0.00576	0.00104	0.0316	0.0172	0.00000523	22.6	0.0000184	0.000272	0.000253	0.00125
2109 May	133	0.0537	0.0894	0.00309	25.4	0.0414	58.6	0.000999	0.000999	0.00000505	0.00576	0.00104	0.0315	0.0173	0.00000523	22.6	0.0000184	0.000272	0.000253	0.00125
2109 Jun	133	0.0538	0.0893	0.00309	25.4	0.0413	58.5	0.000999	0.000999	0.00000505	0.00577	0.00104	0.0315	0.0173	0.00000523	22.6	0.0000184	0.000273	0.000255	0.00125
2109 Jul	133	0.0539	0.0895	0.0031	25.5	0.0414	58.7	0.001	0.001	0.00000506	0.00578	0.00105	0.0316	0.0174	0.00000524	22.7	0.0000185	0.000273	0.000255	0.00125
2109 Aug	134	0.054	0.0897	0.0031	25.5	0.0415	58.8	0.001	0.001	0.00000507	0.00579	0.00105	0.0317	0.0174	0.00000525	22.7	0.0000185	0.000274	0.000255	0.00126
2109 Sep	134	0.054	0.0897	0.0031	25.5	0.0416	59	0.001	0.001	0.00000507	0.00579	0.00105	0.0317	0.0174	0.00000525	22.7	0.0000185	0.000274	0.000255	0.00126
2109 Oct	134	0.0541	0.0894	0.0031	25.4	0.0415	58.9	0.001	0.001	0.00000506	0.00578	0.00105	0.0317	0.0173	0.00000524	22.7	0.0000185	0.000274	0.000254	0.00126
2109 Nov	134	0.0541	0.0893	0.0031	25.4	0.0416	59	0.001	0.001	0.00000506	0.00578	0.00105	0.0317	0.0173	0.00000524	22.7	0.0000185	0.000274	0.000254	0.00126
2109 Dec	134	0.0541	0.0894	0.0031	25.4	0.0416	59	0.001	0.001	0.00000506	0.00578	0.00105	0.0317	0.0173	0.00000524	22.7	0.0000185	0.000274	0.000254	0.00126
2110 Jan	134	0.0541	0.0894	0.0031	25.4	0.0416	59	0.001	0.001	0.00000506	0.00579	0.00105	0.0317	0.0173	0.00000524	22.7	0.0000185	0.000274	0.000254	0.00126
2110 Feb	134	0.0541	0.0894	0.0031	25.4	0.0416	59	0.001	0.001	0.00000506	0.00579	0.00105	0.0317	0.0173	0.00000524	22.7	0.0000185	0.000274	0.000254	0.00126
2110 Mar	134	0.0541	0.0894	0.0031	25.4	0.0416	59	0.001	0.001	0.00000506	0.00579	0.00105	0.0317	0.0173	0.00000524	22.7	0.0000185	0.000274	0.000254	0.00126
2110 Apr	134	0.0541	0.0894	0.0031	25.4	0.0416	59	0.001	0.001	0.00000506	0.00579	0.00105	0.0317	0.0173	0.00000524	22.7	0.0000185	0.000274	0.000255	0.00126
2110 May	134	0.0541	0.0894	0.0031	25.4	0.0416	59.1	0.001	0.001	0.00000506	0.00579	0.00105	0.0317	0.0174	0.00000524	22.8	0.0000185	0.000274	0.000255	0.00126
2110 Jun	134	0.054	0.0888	0.00308	25.3	0.0414	59	0.000997	0.000997	0.00000504	0.00578	0.00105	0.0316	0.0174	0.00000522	22.8	0.0000185	0.000274	0.000256	0.00125
2110 Jul	134	0.0541	0.089	0.00309	25.3	0.0415	59.1	0.000999	0.000999	0.00000505	0.0058	0.00105	0.0317	0.0174	0.00000523	22.8	0.0000185	0.000275	0.000256	0.00126
2110 Aug	134	0.0539	0.0887	0.00308	25.2	0.0415	59	0.000997	0.000997	0.00000504	0.00578	0.00105	0.0317	0.0174	0.00000522	22.7	0.0000185	0.000274	0.000255	0.00125
2110 Sep	133	0.0539	0.0883	0.00307	25.1	0.0414	59	0.000993	0.000993	0.00000502	0.00577	0.00105	0.0316	0.0173	0.0000052	22.7	0.0000184	0.000273	0.000254	0.00125
2110 Oct	133	0.054	0.0879	0.00306	25	0.0414	58.9	0.000991	0.000991	0.00000501	0.00577	0.00105	0.0315	0.0173	0.00000519	22.6	0.0000184	0.000272	0.000253	0.00125
2110 Nov	133	0.054	0.0878	0.00305	25	0.0413	58.9	0.00099	0.00099	0.00000501	0.00576	0.00105	0.0315	0.0173	0.00000519	22.6	0.0000184	0.000272	0.000253	0.00125
2110 Dec	133	0.054	0.0878	0.00305	25	0.0413	58.9	0.00099	0.00099	0.00000501	0.00577	0.00105	0.0315	0.0173	0.00000519	22.6	0.0000184	0.000272	0.000253	0.00125
2111 Jan	133	0.054	0.0878	0.00305	25	0.0413	58.9	0.00099	0.00099	0.00000501	0.00577	0.00105	0.0315	0.0173	0.00000519	22.6	0.0000184	0.000272	0.000253	0.00125
2111 Feb	133	0.054	0.0878	0.00305	25	0.0413	58.9	0.00099	0.00099	0.00000501	0.00577	0.00105	0.0315	0.0173	0.00000519	22.6	0.0000184	0.000272	0.000253	0.00125
2111 Mar	133	0.054	0.0878	0.00305	25	0.0414	58.9	0.00099	0.00099	0.00000501	0.00577	0.00105	0.0315	0.0173	0.00000519	22.6	0.0000184	0.000272	0.000253	0.00125
2111 Apr	133	0.054	0.0879	0.00306	25	0.0414	58.9	0.000991	0.000991	0.00000501	0.00577	0.00105	0.0316	0.0173	0.00000519	22.6	0.0000184	0.000273	0.000253	0.00125
2111 May	133	0.0541	0.0879	0.00306	25	0.0414	58.9	0.000991	0.000991	0.00000501	0.00577	0.00105	0.0316	0.0173	0.00000519	22.7	0.0000184	0.000273	0.000253	0.00125
2111 Jun	133	0.0541	0.0875	0.00304	24.9	0.0412	58.7	0.000989	0.000989	0.000005	0.00577	0.00105	0.0314	0.0174	0.00000518	22.7	0.0000184	0.000273	0.000255	0.00125
2111 Jul	133	0.0543	0.0878	0.00305	25	0.0414	58.9	0.000993	0.000993	0.00000502	0.00579	0.00105	0.0315	0.0174	0.0000052	22.8	0.0000185	0.000274	0.000256	0.00125
2111 Aug	133	0.0542	0.0878	0.00306	25	0.0414	59	0.000992	0.000992	0.00000502	0.00579	0.00105	0.0316	0.0174	0.0000052	22.8	0.0000184	0.000274	0.000255	0.00125
2111 Sep	133	0.0543	0.0878	0.00305	25	0.0414	59.1	0.000992	0.000992	0.00000502	0.00579	0.00106	0.0316	0.0174	0.0000052	22.8	0.0000184	0.000274	0.000255	0.00125
2111 Oct	133	0.0543	0.0876	0.00305	24.9	0.0414	59.1	0.00099	0.00099	0.00000501	0.00579	0.00105	0.0316	0.0174	0.00000519	22.7	0.0000184	0.000274	0.000254	0.00125
2111 Nov	133	0.0543	0.0874	0.00304	24.8	0.0414	59	0.000989	0.000989	0.000005	0.00578	0.00105	0.0316	0.0174	0.00000518	22.7	0.0000184	0.000274	0.000254	0.00125
2111 Dec	133	0.0543	0.0874	0.00304	24.8	0.0414	59.1	0.000989	0.000989	0.000005	0.00578	0.00105	0.0316	0.0174	0.00000518	22.7	0.0000184	0.000274	0.000254	0.00125
2112 Jan	133	0.0543	0.0874	0.00304	24.8	0.0414	59.1	0.000989	0.000989	0.000005	0.00578	0.00105	0.0316	0.0174	0.00000518	22.7	0.0000184	0.000274	0.000254	0.00125
2112 Feb	133	0.0543	0.0874	0.00304	24.8	0.0414	59.1	0.000989	0.000989	0.000005	0.00578	0.00105	0.0316	0.0174	0.00000518	22.7	0.0000184	0.000274	0.000254	0.00125
2112 Mar	133	0.0543	0.0874	0.00304	24.8	0.0414	59.1	0.000989	0.000989	0.000005	0.00578	0.00105	0.0316	0.0174	0.00000518	22.7	0.0000184	0.000274	0.000254	0.00125
2112 Apr	133	0.0543	0.0874	0.00304	24.9	0.0414	59.1	0.000989	0.000989	0.000005	0.00579	0.00105	0.0316	0.0174	0.00000518	22.7	0.0000184	0.000274	0.000254	0.00125
2112 May	133	0.0544	0.0874	0.00304	24.9	0.0414	59.1	0.00099	0.00099	0.000005	0.00579	0.00106	0.0316	0.0174	0.00000519	22.8	0.0000184	0.000274	0.000255	0.00125
2112 Jun	132	0.0542	0.0867	0.00302	24.7	0.0411	58.7	0.000984	0.000984	0.00000498	0.00577	0.00106	0.0314	0.0174	0.00000516	22.7	0.0000184	0.000274	0.000256	0.00124
2112 Jul	133	0.0542	0.0868	0.00303	24.7	0.0412	58.9	0.000986	0.000986	0.00000498	0.00578	0.00106	0.0314	0.0175	0.00000516	22.8	0.0000184	0.000274	0.000256	0.00125
2112 Aug	133	0.0544	0.087	0.00303	24.7	0.0413	59.1	0.000988	0.000988	0.000005	0.00579	0.00106	0.0316	0.0175	0.00000518	22.8	0.0000185	0.000275	0.000256	0.00125
2112 Sep	133	0.0544	0.0871	0.00304	24.7	0.0414	59.3	0.000988	0.000988	0.00000499	0.0058	0.00106	0.0316	0.0175	0.00000518	22.9	0.0000185	0.000276	0.000256	0.00125
2112 Oct	133	0.0544	0.087	0.00303	24.7	0.0414	59.4	0.000987	0.000987	0.00000499	0.0058	0.00106	0.0317	0.0175	0.00000517	22.9	0.0000185	0.000276	0.000256	0.00125
2112 Nov	133	0.0544	0.087	0.00303	24.7	0.0414	59.4	0.000987	0.000987	0.00000499	0.0058	0.00106	0.0317	0.0175	0.00000517	22.9	0.0000185	0.000276	0.000256	0.00125
2112 Dec	133	0.0544	0.087	0.00303	24.7	0.0414	59.4	0.000987	0.000987	0.00000499	0.0058	0.00106	0.0317	0.0175	0.00000517	22.9	0.0000185	0.000276	0.000256	0.00125
2113 Jan	133	0.0544	0.087	0.00303	24.7	0.0414	59.5	0.000987	0.000987	0.00000499	0.0058	0.00106	0.0317	0.0175	0.00000517	22.9	0.0000185	0.000276	0.000256	0.00125
2113 Feb	133	0.0544	0.087	0.00303	24.7	0.0414	59.5	0.000987	0.000987	0.00000499	0.0058	0.00106	0.0317	0.0175	0.00000517	22.9	0.0000185	0.000276	0.000256	0.00125
2113 Mar	134	0.0544	0.087	0.00303	24.7	0.0414	59.5	0.000988	0.000988	0.00000499	0.0058	0.00106	0.0317	0.0175	0.00000518	22.9	0.0000185	0.000276	0.000256	0.00125
2113 Apr	134	0.0545	0.0871	0.00304	24.7	0.0414	59.5	0.000988	0.000988	0.000005	0.0058	0.00106	0.0317	0.0175	0.00000518	22.9	0.0000185	0.000276	0.000256	0.00125
2113 May	134	0.0545	0.0871	0.00304	24.8	0.0414	59.5	0.000988	0.000988	0.000005	0.00581	0.00106	0.0318	0.0175	0.00000518	22.9	0.0000185	0.000277	0.000257	0.00125
2113 Jun	133	0.0545	0.0868	0.00303	24.7	0.0413	59.3	0.000987	0.000987	0.00000499	0.0058	0.00106	0.0316	0.0176	0.00000517	22.9	0.0000185	0.000277	0.000258	0.00125
2113 Jul	134	0.0546	0.087	0.00303	24.7	0.0414	59.5	0.000989	0.000989	0.000005	0.00582	0.00107	0.0317	0.0176	0.00000518	23	0.0000186	0.000277	0.000258	0.00125
2113 Aug	134	0.0547	0.0872	0.00304	24.8	0.0415	59.7	0.000991	0.000991	0.00000501	0.00583	0.00107	0.0318	0.0176	0.00000519	23.1	0.0000186	0.000278	0.000259	0.00126
2113 Sep	134	0.0548	0.0872	0.00304	24.8	0.0416	59.8	0.00099	0.00099	0.00000501	0.00583	0.00107	0.0319	0.0176	0.00000519	23.1	0.0000186	0.000278	0.000259	0.00126
2113 Oct	134	0.0548	0.0868	0.00303	24.7	0.0415	59.7	0.000987	0.000987	0.00000499	0.00582	0.00107	0.0318	0.0176	0.00000517	23	0.0000186	0.000277	0.000258	0.00125
2113 Nov	134	0.0548	0.0867	0.00303	24.6	0.0415	59.7	0.000986	0.000986	0.00000499	0.00582	0.00107	0.0318	0.0176	0.00000517	23	0.0000185	0.000277	0.000257	0.00125
2113 Dec	134	0.0548	0.0868	0.00303	24.6	0.0415	59.7	0.000986	0.000986	0.00000499	0.00582	0.00107	0.0318	0.0176	0.00000517	23	0.0000185	0.000277	0.000257	0.00125
2114 Jan	134	0.0548	0.0868	0.00303	24.6	0.0415	59.7	0.000986	0.000986	0.00000499	0.00582	0.00107	0.0318	0.0176	0.00000517	23	0.0000185	0.000277	0.000257	0.00125
2114 Feb	134	0.0548	0.0868	0.00303	24.6	0.0415	59.7	0.000986	0.000986	0.00000499	0.00582	0.00107	0.0318	0.0176	0.00000517	23	0.0000185	0.000277	0.000257	0.00125
2114 Mar	134	0.0548	0.0868	0.00303	24.6	0.0415	59.7	0.000987	0.000987	0.00000499	0.00582	0.00107	0.0318	0.0176	0.00000517	23	0.0000185	0.000277	0.000257	0.00125
2114 Apr	134	0.0548	0.0868	0.00303	24.7	0.0415	59.7	0.000987	0.000987	0.00000499	0.00582	0.00107	0.0318	0.0176	0.00000517	23	0.0000186	0.000277	0.000258	0.00125
2114 May	134	0.0549	0.0867	0.00303	24.6	0.0415	59.7	0.000987	0.000987	0.00000499	0.00582	0.00107	0.0318	0.0176	0.00000517	23	0.0000186	0.000278	0.000258	0.00125
2114 Jun	134	0.055	0.0866	0.00302	24.6	0.0415	59.7	0.000987	0.000987	0.00000499	0.00583	0.00107	0.0318	0.0177	0.00000517	23.1	0.0000186	0.000278	0.00026	0.00125

Appendix D.2-22: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	134	0.0551	0.0869	0.00304	24.7	0.0416	60	0.000991	0.000991	0.00000501	0.00585	0.00108	0.032	0.0178	0.00000519	23.2	0.0000187	0.00028	0.00026	0.00126
2114 Aug	135	0.0553	0.0873	0.00305	24.8	0.0418	60.3	0.000994	0.000994	0.00000503	0.00587	0.00108	0.0321	0.0178	0.00000521	23.3	0.0000187	0.000281	0.000261	0.00126
2114 Sep	135	0.0554	0.0873	0.00305	24.8	0.0418	60.4	0.000993	0.000993	0.00000502	0.00587	0.00108	0.0322	0.0178	0.00000521	23.3	0.0000187	0.000281	0.000261	0.00126
2114 Oct	135	0.0554	0.0871	0.00304	24.8	0.0418	60.4	0.000991	0.000991	0.00000501	0.00587	0.00108	0.0322	0.0178	0.0000052	23.3	0.0000187	0.000281	0.000261	0.00126
2114 Nov	135	0.0554	0.0869	0.00304	24.7	0.0418	60.4	0.00099	0.00099	0.00000501	0.00587	0.00108	0.0322	0.0177	0.00000519	23.3	0.0000187	0.00028	0.00026	0.00126
2114 Dec	135	0.0554	0.0869	0.00304	24.7	0.0418	60.4	0.00099	0.00099	0.00000501	0.00587	0.00108	0.0322	0.0177	0.00000519	23.3	0.0000187	0.00028	0.00026	0.00126
2115 Jan	135	0.0554	0.0869	0.00304	24.7	0.0418	60.4	0.00099	0.00099	0.00000501	0.00587	0.00108	0.0322	0.0177	0.00000519	23.3	0.0000187	0.000281	0.00026	0.00126
2115 Feb	135	0.0554	0.0869	0.00304	24.7	0.0418	60.4	0.00099	0.00099	0.00000501	0.00587	0.00108	0.0322	0.0177	0.00000519	23.3	0.0000187	0.000281	0.00026	0.00126
2115 Mar	135	0.0554	0.0869	0.00304	24.7	0.0418	60.4	0.00099	0.00099	0.00000501	0.00587	0.00108	0.0322	0.0177	0.00000519	23.3	0.0000187	0.000281	0.00026	0.00126
2115 Apr	135	0.0555	0.087	0.00304	24.7	0.0418	60.5	0.00099	0.00099	0.00000501	0.00587	0.00108	0.0322	0.0177	0.00000519	23.3	0.0000187	0.000281	0.00026	0.00126
2115 May	135	0.0555	0.0869	0.00304	24.7	0.0418	60.4	0.00099	0.00099	0.00000501	0.00587	0.00108	0.0321	0.0178	0.00000519	23.3	0.0000187	0.000281	0.000261	0.00126
2115 Jun	135	0.0556	0.087	0.00304	24.7	0.0418	60.4	0.000992	0.000992	0.00000502	0.00588	0.00108	0.0322	0.0179	0.0000052	23.4	0.0000188	0.000282	0.000262	0.00126
2115 Jul	136	0.0558	0.0873	0.00305	24.8	0.042	60.6	0.000995	0.000995	0.00000503	0.0059	0.00109	0.0323	0.0179	0.00000522	23.4	0.0000188	0.000283	0.000263	0.00127
2115 Aug	136	0.0558	0.0873	0.00305	24.8	0.042	60.6	0.000994	0.000994	0.00000503	0.00589	0.00109	0.0323	0.0179	0.00000521	23.4	0.0000188	0.000282	0.000263	0.00127
2115 Sep	136	0.0558	0.0873	0.00305	24.8	0.042	60.8	0.000994	0.000994	0.00000503	0.0059	0.00109	0.0324	0.0179	0.00000521	23.4	0.0000188	0.000283	0.000263	0.00127
2115 Oct	136	0.0558	0.0873	0.00305	24.8	0.0421	60.9	0.000994	0.000994	0.00000503	0.0059	0.00109	0.0324	0.0179	0.00000521	23.5	0.0000188	0.000283	0.000263	0.00127
2115 Nov	136	0.0558	0.0872	0.00305	24.7	0.042	60.9	0.000993	0.000993	0.00000502	0.0059	0.00109	0.0324	0.0179	0.00000521	23.5	0.0000188	0.000283	0.000262	0.00127
2115 Dec	136	0.0558	0.0872	0.00305	24.7	0.042	60.9	0.000993	0.000993	0.00000502	0.0059	0.00109	0.0324	0.0179	0.00000521	23.5	0.0000188	0.000283	0.000262	0.00127
2116 Jan	136	0.0558	0.0872	0.00305	24.7	0.042	60.9	0.000993	0.000993	0.00000502	0.0059	0.00109	0.0324	0.0179	0.00000521	23.5	0.0000188	0.000283	0.000262	0.00127
2116 Feb	136	0.0558	0.0872	0.00305	24.7	0.0421	60.9	0.000993	0.000993	0.00000502	0.0059	0.00109	0.0324	0.0179	0.00000521	23.5	0.0000188	0.000283	0.000262	0.00127
2116 Mar	136	0.0558	0.0872	0.00305	24.7	0.0421	60.9	0.000993	0.000993	0.00000502	0.0059	0.00109	0.0324	0.0179	0.00000521	23.5	0.0000188	0.000283	0.000262	0.00127
2116 Apr	136	0.0559	0.0872	0.00305	24.8	0.0421	60.9	0.000993	0.000993	0.00000502	0.0059	0.00109	0.0324	0.0179	0.00000521	23.5	0.0000188	0.000283	0.000262	0.00127
2116 May	136	0.0559	0.0872	0.00305	24.8	0.0421	61	0.000994	0.000994	0.00000503	0.0059	0.00109	0.0325	0.0179	0.00000521	23.5	0.0000188	0.000284	0.000263	0.00127
2116 Jun	136	0.0558	0.0866	0.00303	24.6	0.0418	60.7	0.000989	0.000989	0.000005	0.00589	0.00109	0.0323	0.018	0.00000519	23.5	0.0000188	0.000283	0.000264	0.00127
2116 Jul	136	0.0559	0.0869	0.00304	24.7	0.042	60.9	0.000992	0.000992	0.00000502	0.00591	0.00109	0.0324	0.018	0.0000052	23.6	0.0000189	0.000284	0.000264	0.00127
2116 Aug	136	0.0561	0.0871	0.00305	24.8	0.0421	61.2	0.000995	0.000995	0.00000503	0.00593	0.0011	0.0325	0.0181	0.00000522	23.6	0.0000189	0.000285	0.000265	0.00127
2116 Sep	136	0.0561	0.087	0.00304	24.7	0.0421	61.2	0.000993	0.000993	0.00000502	0.00592	0.0011	0.0325	0.018	0.00000521	23.6	0.0000189	0.000285	0.000265	0.00127
2116 Oct	136	0.0562	0.0868	0.00304	24.6	0.0421	61.2	0.000991	0.000991	0.00000501	0.00592	0.00109	0.0325	0.018	0.0000052	23.6	0.0000189	0.000284	0.000264	0.00127
2116 Nov	136	0.0562	0.0867	0.00304	24.6	0.0421	61.2	0.000991	0.000991	0.00000501	0.00592	0.0011	0.0325	0.018	0.0000052	23.6	0.0000189	0.000285	0.000264	0.00127
2116 Dec	136	0.0562	0.0867	0.00304	24.6	0.0421	61.2	0.000991	0.000991	0.00000501	0.00592	0.0011	0.0325	0.018	0.0000052	23.6	0.0000189	0.000285	0.000264	0.00127
2117 Jan	136	0.0562	0.0867	0.00304	24.6	0.0421	61.2	0.000991	0.000991	0.00000501	0.00592	0.0011	0.0325	0.018	0.0000052	23.6	0.0000189	0.000285	0.000264	0.00127
2117 Feb	136	0.0562	0.0867	0.00304	24.6	0.0421	61.2	0.000991	0.000991	0.00000501	0.00592	0.0011	0.0325	0.018	0.0000052	23.6	0.0000189	0.000285	0.000264	0.00127
2117 Mar	136	0.0562	0.0868	0.00304	24.6	0.0421	61.2	0.000991	0.000991	0.00000501	0.00592	0.0011	0.0325	0.018	0.0000052	23.6	0.0000189	0.000285	0.000264	0.00127
2117 Apr	136	0.0562	0.0868	0.00304	24.6	0.0421	61.2	0.000992	0.000992	0.00000502	0.00592	0.0011	0.0325	0.018	0.0000052	23.6	0.0000189	0.000285	0.000264	0.00127
2117 May	136	0.0563	0.0868	0.00304	24.7	0.0421	61.2	0.000992	0.000992	0.00000502	0.00593	0.0011	0.0325	0.018	0.00000521	23.6	0.0000189	0.000285	0.000265	0.00127
2117 Jun	136	0.0563	0.0867	0.00304	24.7	0.0421	61.1	0.000993	0.000993	0.00000502	0.00593	0.0011	0.0325	0.0181	0.00000521	23.7	0.0000189	0.000286	0.000266	0.00127
2117 Jul	137	0.0565	0.0871	0.00305	24.7	0.0422	61.4	0.000996	0.000996	0.00000504	0.00595	0.0011	0.0326	0.0182	0.00000522	23.8	0.000019	0.000287	0.000267	0.00128
2117 Aug	137	0.0566	0.0873	0.00305	24.8	0.0423	61.5	0.000998	0.000998	0.00000505	0.00596	0.00111	0.0327	0.0182	0.00000523	23.8	0.000019	0.000287	0.000267	0.00128
2117 Sep	137	0.0567	0.0874	0.00306	24.8	0.0424	61.7	0.000998	0.000998	0.00000505	0.00597	0.00111	0.0328	0.0182	0.00000524	23.8	0.0000191	0.000288	0.000267	0.00128
2117 Oct	137	0.0567	0.0873	0.00306	24.8	0.0424	61.7	0.000998	0.000998	0.00000505	0.00597	0.00111	0.0328	0.0182	0.00000523	23.8	0.0000191	0.000288	0.000267	0.00128
2117 Nov	137	0.0567	0.0873	0.00306	24.8	0.0424	61.7	0.000997	0.000997	0.00000504	0.00597	0.00111	0.0328	0.0182	0.00000523	23.8	0.0000191	0.000288	0.000267	0.00128
2117 Dec	137	0.0567	0.0873	0.00306	24.8	0.0424	61.7	0.000997	0.000997	0.00000504	0.00597	0.00111	0.0328	0.0182	0.00000523	23.8	0.0000191	0.000288	0.000267	0.00128
2118 Jan	137	0.0567	0.0873	0.00306	24.8	0.0424	61.7	0.000997	0.000997	0.00000504	0.00597	0.00111	0.0328	0.0182	0.00000523	23.8	0.0000191	0.000288	0.000267	0.00128
2118 Feb	137	0.0567	0.0873	0.00306	24.8	0.0424	61.7	0.000997	0.000997	0.00000504	0.00597	0.00111	0.0328	0.0182	0.00000523	23.8	0.0000191	0.000288	0.000267	0.00128
2118 Mar	137	0.0568	0.0873	0.00306	24.8	0.0424	61.7	0.000997	0.000997	0.00000504	0.00597	0.00111	0.0328	0.0182	0.00000523	23.8	0.0000191	0.000288	0.000267	0.00128
2118 Apr	137	0.0568	0.0873	0.00306	24.8	0.0424	61.7	0.000998	0.000998	0.00000505	0.00597	0.00111	0.0328	0.0182	0.00000523	23.8	0.0000191	0.000288	0.000267	0.00128
2118 May	137	0.0568	0.0871	0.00305	24.8	0.0423	61.5	0.000997	0.000997	0.00000504	0.00597	0.00111	0.0327	0.0183	0.00000523	23.9	0.0000191	0.000288	0.000268	0.00128
2118 Jun	137	0.0567	0.0867	0.00304	24.7	0.0421	61.2	0.000993	0.000993	0.00000502	0.00595	0.00111	0.0325	0.0183	0.00000521	23.8	0.000019	0.000288	0.000269	0.00128
2118 Jul	137	0.0569	0.0871	0.00305	24.8	0.0422	61.4	0.000997	0.000997	0.00000504	0.00598	0.00111	0.0326	0.0184	0.00000523	23.9	0.0000191	0.000289	0.00027	0.00128
2118 Aug	137	0.0569	0.0871	0.00305	24.8	0.0423	61.5	0.000997	0.000997	0.00000504	0.00598	0.00111	0.0327	0.0183	0.00000523	23.9	0.0000191	0.000289	0.00027	0.00128
2118 Sep	137	0.0569	0.0868	0.00304	24.7	0.0423	61.5	0.000994	0.000994	0.00000503	0.00597	0.00111	0.0327	0.0183	0.00000521	23.9	0.000019	0.000288	0.000269	0.00128
2118 Oct	137	0.0569	0.0866	0.00303	24.6	0.0422	61.5	0.000992	0.000992	0.00000502	0.00596	0.00111	0.0327	0.0182	0.0000052	23.8	0.000019	0.000288	0.000268	0.00128
2118 Nov	137	0.057	0.0865	0.00303	24.6	0.0422	61.5	0.000991	0.000991	0.00000501	0.00596	0.00111	0.0327	0.0182	0.0000052	23.8	0.000019	0.000288	0.000268	0.00128
2118 Dec	137	0.057	0.0865	0.00303	24.6	0.0422	61.5	0.000991	0.000991	0.00000501	0.00596	0.00111	0.0327	0.0182	0.0000052	23.8	0.000019	0.000288	0.000268	0.00128
2119 Jan	137	0.057	0.0865	0.00303	24.6	0.0422	61.6	0.000991	0.000991	0.00000501	0.00596	0.00111	0.0327	0.0182	0.0000052	23.8	0.000019	0.000288	0.000268	0.00128
2119 Feb	137	0.057	0.0865	0.00303	24.6	0.0422	61.6	0.000991	0.000991	0.00000501	0.00596	0.00111	0.0327	0.0182	0.0000052	23.8	0.000019	0.000288	0.000268	0.00128
2119 Mar	137	0.057	0.0865	0.00303	24.6	0.0422	61.6	0.000992	0.000992	0.00000502	0.00596	0.00111	0.0327	0.0182	0.0000052	23.8	0.000019	0.000288	0.000268	0.00128
2119 Apr	137	0.057	0.0866	0.00303	24.6	0.0423	61.6	0.000992	0.000992	0.00000502	0.00597	0.00111	0.0327	0.0183	0.0000052	23.9	0.000019	0.000288	0.000268	0.00128
2119 May	137	0.0571	0.0863	0.00302	24.6	0.0421	61.3	0.00099	0.00099	0.00000501	0.00596	0.00111	0.0325	0.0184	0.00000519	23.9	0.000019	0.000289	0.00027	0.00128
2119 Jun	137	0.0571	0.0862	0.00302	24.5	0.042	61.3	0.00099	0.00099	0.000005	0.00596	0.00111	0.0325	0.0184	0.00000519	23.9	0.000019	0.000289	0.000271	0.00128
2119 Jul	137	0.0573	0.0865	0.00303	24.6	0.0422	61.5	0.000993	0.000993	0.00000502	0.00598	0.00112	0.0326	0.0185	0.00000521	24	0.0000191	0.00029	0.000271	0.00128
2119 Aug	137	0.0574	0.0867	0.00304	24.7	0.0423	61.7	0.000994	0.000994	0.00000503	0.00599	0.00112	0.0327	0.0185	0.00000522	24	0.0000191	0.00029	0.000272	0.00128
2119 Sep	137	0.0574	0.0866	0.00304	24.6	0.0423	61.7	0.000993	0.000993	0.00000502	0.00599	0.00112	0.0328	0.0185	0.00000521	24	0.0000191	0.00029	0.000271	0.00128
2119 Oct	137	0.0574	0.0865	0.00303	24.6	0.0423	61.7	0.000992	0.000992	0.00000502	0.00598	0.00112	0.0328	0.0184	0.0000052	24	0.0000191	0.00029	0.000271	0.00128
2119 Nov	137	0.0574	0.0864	0.00303	24.5	0.0423	61.7	0.000991	0.000991	0.00000501	0.00598	0.00112	0.0327	0.0184	0.0000052	24	0.0000191	0.00029	0.000271	0.00128
2119 Dec	137	0.0574	0.0864	0.00303	24.5	0.0423	61.8	0.000991	0.000991	0.00000501	0.00598	0.00112	0.0327	0.0184	0.0000052	24	0.0000191	0.00029	0.000271	0.00128

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014	0
Operation (2026-2036): Mean	0.0363	0.0000294	4.19	31.6	0.129	0.00453	399	0.0319	0.0296	0.000062	0.00147	0.000688	0.437	0.00000202	0.00106	0.0014	0.00279	0
Operation (2026-2036): Max	0.0646	0.0000381	5.53	44.3	0.175	0.00614	679	0.0449	0.038	0.000428	0.00205	0.000949	0.589	0.00000245	0.00145	0.00185	0.00353	0
Active Closure (2037-2043): Min	0.0161	0.00000259	1.07	2.59	0.0118	0.000316	12.9	0.00224	0.00734	0.0000276	0.00011	0.0000776	0.0548	0.00000196	0.0000735	0.000168	0.000966	0
Active Closure (2037-2043): Mean	0.0189	0.00000469	1.33	5.01	0.0223	0.000653	36.8	0.0046	0.00935	0.0000693	0.000219	0.000127	0.0867	0.00000201	0.000152	0.000277	0.00111	0
Active Closure (2037-2043): Max	0.0602	0.0000291	4.1	35.8	0.127	0.00454	355	0.0311	0.0384	0.000323	0.00143	0.000675	0.426	0.00000203	0.00105	0.0014	0.00271	0
Post Closure (2044-2119): Min	0.0166	0.00000261	1.07	2.62	0.0119	0.000319	9.55	0.00225	0.0076	0.0000585	0.000111	0.0000779	0.0551	0.00000201	0.0000741	0.000169	0.000969	0
Post Closure (2044-2119): Mean	0.0342	0.00000619	1.33	5.14	0.0287	0.000507	11.9	0.00329	0.0223	0.000163	0.000193	0.000108	0.0866	0.00000206	0.000119	0.000383	0.00131	0
Post Closure (2044-2119): Max	0.0496	0.00000888	1.54	6.8	0.0432	0.000647	14	0.00398	0.0343	0.000259	0.000245	0.00013	0.113	0.0000021	0.000151	0.000553	0.00153	0
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 May	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014	0
2029 Jun	0.026	0.0000153	2.05	24.6	0.0692	0.00212	294	0.0148	0.0188	0.000105	0.00077	0.000341	0.209	0.00000122	0.000506	0.00082	0.00184	0
2029 Jul	0.0376	0.0000267	3.65	19.8	0.109	0.00368	224	0.0274	0.0298	0.0000817	0.00129	0.000583	0.373	0.0000021	0.000886	0.00122	0.00271	0
2029 Aug	0.0315	0.0000359	5.19	32.6	0.162	0.0057	379	0.0418	0.0209	0.0000487	0.0019	0.000884	0.551	0.00000216	0.00135	0.0017	0.00327	0
2029 Sep	0.0321	0.0000372	5.42	37.1	0.169	0.00605	433	0.0437	0.0231	0.0000346	0.00199	0.000925	0.577	0.00000218	0.00142	0.0018	0.00337	0
2029 Oct	0.0338	0.0000321	4.62	33.6	0.141	0.00512	393	0.0361	0.0283	0.0000297	0.00165	0.000771	0.487	0.00000206	0.00119	0.00152	0.00294	0
2029 Nov	0.0342	0.0000281	4.01	27	0.119	0.00435	312	0.0304	0.031	0.0000269	0.00138	0.000648	0.417	0.00000197	0.00101	0.0013	0.00259	0
2029 Dec	0.0342	0.0000281	4.02	27.2	0.119	0.00436	314	0.0305	0.031	0.0000269	0.00138	0.00065	0.418	0.00000197	0.00101	0.0013	0.00259	0
2030 Jan	0.0342	0.0000281	4.02	27.2	0.119	0.00436	314	0.0305	0.031	0.0000269	0.00138	0.00065	0.418	0.00000197	0.00101	0.0013	0.00259	0
2030 Feb	0.0342	0.0000281	4.02	27.2	0.119	0.00436	314	0.0305	0.031	0.0000269	0.00138	0.00065	0.418	0.00000197	0.00101	0.0013	0.00259	0
2030 Mar	0.0342	0.0000281	4.02	27.2	0.119	0.00436	315	0.0305	0.031	0.0000269	0.00138	0.00065	0.418	0.00000197	0.00101	0.0013	0.00259	0
2030 Apr	0.0343	0.0000282	4.03	27.2	0.12	0.00436	315	0.0305	0.031	0.000027	0.00138	0.000651	0.418	0.00000197	0.00101	0.0013	0.0026	0
2030 May	0.0346	0.0000285	4.07	27.6	0.121	0.00441	319	0.0309	0.0313	0.0000273	0.0014	0.000658	0.423	0.00000199	0.00102	0.00132	0.00262	0
2030 Jun	0.0333	0.0000246	3.38	17.8	0.102	0.0034	200	0.0253	0.0292	0.0000654	0.00123	0.000536	0.344	0.00000195	0.00082	0.00125	0.00276	0
2030 Jul	0.0334	0.0000302	4.23	25.7	0.131	0.00448	286	0.0334	0.0245	0.0000718	0.00157	0.000707	0.443	0.00000205	0.00108	0.00148	0.00304	0
2030 Aug	0.033	0.0000352	5.04	33	0.157	0.00552	368	0.0405	0.0219	0.0000585	0.00186	0.000859	0.534	0.00000216	0.00131	0.00166	0.00323	0
2030 Sep	0.0322	0.0000381	5.53	36.6	0.174	0.00614	410	0.0449	0.0211	0.0000476	0.00205	0.000949	0.589	0.00000221	0.00145	0.00183	0.00345	0
2030 Oct	0.0318	0.0000339	4.93	33	0.153	0.00547	367	0.0394	0.0241	0.0000342	0.00179	0.000833	0.523	0.00000204	0.00129	0.00164	0.00308	0
2030 Nov	0.0326	0.0000314	4.53	30.2	0.138	0.00498	334	0.0355	0.0268	0.0000309	0.00161	0.000753	0.477	0.000002	0.00117	0.00149	0.00286	0
2030 Dec	0.0326	0.0000314	4.53	30.2	0.138	0.00499	335	0.0355	0.0268	0.000031	0.00161	0.000754	0.477	0.000002	0.00117	0.00149	0.00286	0
2031 Jan	0.0326	0.0000314	4.53	30.2	0.138	0.00499	335	0.0355	0.0268	0.000031	0.00161	0.000754	0.477	0.000002	0.00117	0.00149	0.00286	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.0326	0.0000314	4.53	30.2	0.138	0.00499	335	0.0355	0.0268	0.000031	0.00161	0.000754	0.477	0.000002	0.00117	0.00149	0.00286	0
2031 Mar	0.0326	0.0000314	4.53	30.3	0.138	0.00499	335	0.0356	0.0268	0.000031	0.00162	0.000754	0.478	0.000002	0.00117	0.00149	0.00286	0
2031 Apr	0.0328	0.0000316	4.56	30.4	0.139	0.00501	337	0.0358	0.027	0.0000311	0.00162	0.000758	0.48	0.00000201	0.00117	0.0015	0.00288	0
2031 May	0.0415	0.0000308	4.52	30.6	0.144	0.0048	351	0.0342	0.0296	0.000127	0.00157	0.000736	0.474	0.00000205	0.00113	0.00156	0.0029	0
2031 Jun	0.0614	0.0000232	3.49	18.1	0.122	0.00299	200	0.0222	0.038	0.00036	0.00111	0.000501	0.349	0.00000208	0.000726	0.00144	0.00271	0
2031 Jul	0.0548	0.0000286	4.09	22.9	0.134	0.00386	281	0.0287	0.0375	0.000249	0.00141	0.000628	0.415	0.00000235	0.000935	0.00158	0.0032	0
2031 Aug	0.0359	0.0000369	5.33	37.8	0.17	0.00584	532	0.0426	0.0227	0.0000893	0.00197	0.00091	0.566	0.00000223	0.00139	0.00181	0.00347	0
2031 Sep	0.0327	0.000035	5.02	44.3	0.158	0.00569	679	0.0401	0.0248	0.0000353	0.00184	0.000864	0.533	0.0000021	0.00133	0.00166	0.00322	0
2031 Oct	0.0356	0.000029	4.09	37.2	0.123	0.00454	579	0.0309	0.0323	0.0000277	0.00142	0.000674	0.425	0.00000202	0.00105	0.00132	0.00271	0
2031 Nov	0.036	0.0000295	4.14	39.8	0.125	0.00463	630	0.0314	0.0325	0.000028	0.00145	0.000688	0.431	0.00000204	0.00107	0.00134	0.00277	0
2031 Dec	0.036	0.0000295	4.14	39.8	0.125	0.00463	631	0.0314	0.0325	0.0000281	0.00145	0.000688	0.431	0.00000204	0.00107	0.00134	0.00277	0
2032 Jan	0.036	0.0000295	4.14	39.8	0.125	0.00463	631	0.0314	0.0325	0.0000281	0.00145	0.000688	0.431	0.00000204	0.00107	0.00134	0.00277	0
2032 Feb	0.036	0.0000295	4.14	39.8	0.125	0.00463	631	0.0314	0.0325	0.0000281	0.00145	0.000688	0.431	0.00000204	0.00107	0.00134	0.00277	0
2032 Mar	0.036	0.0000295	4.15	39.8	0.125	0.00463	631	0.0314	0.0326	0.0000281	0.00145	0.000689	0.431	0.00000204	0.00107	0.00134	0.00277	0
2032 Apr	0.0362	0.0000296	4.16	39.9	0.126	0.00465	633	0.0315	0.0327	0.0000282	0.00146	0.000691	0.433	0.00000205	0.00107	0.00135	0.00278	0
2032 May	0.0371	0.0000302	4.25	40.9	0.129	0.00475	648	0.0323	0.033	0.0000354	0.00149	0.000707	0.443	0.00000208	0.00109	0.00139	0.00284	0
2032 Jun	0.0359	0.0000241	3.29	20.6	0.102	0.00327	279	0.0241	0.0298	0.0000978	0.0012	0.000521	0.334	0.00000195	0.00079	0.00125	0.00277	0
2032 Jul	0.0346	0.0000309	4.34	29.1	0.134	0.00466	401	0.0343	0.0242	0.0000715	0.00159	0.00073	0.456	0.00000206	0.00111	0.00143	0.00291	0
2032 Aug	0.0322	0.0000341	4.85	38.1	0.15	0.00535	564	0.0382	0.0235	0.000042	0.00175	0.000824	0.51	0.00000218	0.00125	0.00155	0.00314	0
2032 Sep	0.0312	0.0000354	5.12	37.2	0.159	0.00569	531	0.0408	0.0229	0.0000326	0.00186	0.000871	0.542	0.00000215	0.00133	0.00167	0.00322	0
2032 Oct	0.0323	0.0000335	4.85	33.6	0.149	0.00537	470	0.0384	0.0255	0.0000306	0.00174	0.000815	0.513	0.00000208	0.00126	0.00159	0.00305	0
2032 Nov	0.0329	0.0000338	4.87	37.6	0.15	0.00544	551	0.0385	0.0261	0.0000306	0.00176	0.000824	0.515	0.00000209	0.00127	0.0016	0.00309	0
2032 Dec	0.0332	0.0000332	4.77	39	0.147	0.00534	585	0.0376	0.0268	0.0000301	0.00172	0.000807	0.503	0.00000207	0.00125	0.00157	0.00305	0
2033 Jan	0.0332	0.0000332	4.77	39.1	0.147	0.00534	585	0.0376	0.0268	0.0000301	0.00172	0.000807	0.503	0.00000207	0.00125	0.00157	0.00305	0
2033 Feb	0.0332	0.0000332	4.77	39.1	0.147	0.00535	585	0.0376	0.0268	0.0000301	0.00172	0.000808	0.503	0.00000207	0.00125	0.00157	0.00305	0
2033 Mar	0.0332	0.0000333	4.78	39.1	0.148	0.00536	586	0.0377	0.0269	0.0000302	0.00172	0.000809	0.504	0.00000208	0.00125	0.00157	0.00306	0
2033 Apr	0.0336	0.0000336	4.82	39.5	0.149	0.00541	592	0.038	0.0271	0.0000305	0.00174	0.000817	0.509	0.0000021	0.00126	0.00159	0.00309	0
2033 May	0.0599	0.0000282	4.27	33.3	0.149	0.00416	488	0.0294	0.0354	0.000332	0.0014	0.000664	0.44	0.0000021	0.000981	0.00162	0.00287	0
2033 Jun	0.0646	0.0000248	3.85	22.7	0.141	0.00341	275	0.0253	0.0344	0.000428	0.00124	0.000572	0.394	0.00000199	0.000825	0.0016	0.00277	0
2033 Jul	0.0457	0.0000321	4.69	28.8	0.154	0.00482	351	0.0358	0.0272	0.000198	0.00168	0.000768	0.492	0.00000214	0.00116	0.00169	0.00317	0
2033 Aug	0.0385	0.0000376	5.45	36.2	0.175	0.00592	461	0.0436	0.0232	0.00011	0.00201	0.000927	0.579	0.00000227	0.00141	0.00185	0.0035	0
2033 Sep	0.0341	0.0000306	4.37	32.4	0.133	0.0048	444	0.0338	0.029	0.0000331	0.00154	0.000723	0.458	0.00000204	0.00112	0.00143	0.00282	0
2033 Oct	0.0347	0.0000275	3.89	30.3	0.116	0.00425	427	0.0293	0.0319	0.0000265	0.00133	0.000631	0.403	0.00000196	0.000981	0.00126	0.00255	0
2033 Nov	0.0356	0.0000265	3.73	28.8	0.109	0.00403	406	0.0275	0.0336	0.0000261	0.00125	0.000595	0.383	0.00000197	0.000927	0.00119	0.00247	0
2033 Dec	0.0356	0.0000265	3.73	28.8	0.109	0.00403	406	0.0275	0.0336	0.0000261	0.00125	0.000595	0.383	0.00000197	0.000927	0.00119	0.00247	0
2034 Jan	0.0356	0.0000265	3.73	28.8	0.109	0.00403	406	0.0275	0.0336	0.0000261	0.00125	0.000595	0.383	0.00000197	0.000927	0.00119	0.00247	0
2034 Feb	0.0356	0.0000265	3.73	28.8	0.109	0.00403	406	0.0275	0.0336	0.0000261	0.00126	0.000595	0.383	0.00000197	0.000927	0.00119	0.00247	0
2034 Mar	0.0356	0.0000265	3.73	28.8	0.109	0.00403	407	0.0275	0.0336	0.0000261	0.00126	0.000595	0.384	0.00000197	0.000927	0.00119	0.00247	0
2034 Apr	0.0357	0.0000265	3.74	28.9	0.11	0.00404	408	0.0276	0.0337	0.0000261	0.00126	0.000597	0.385	0.00000197	0.00093	0.0012	0.00248	0
2034 May	0.0419	0.000026	3.73	28	0.114	0.00389	388	0.0267	0.0351	0.0000992	0.00123	0.000584	0.382	0.00000199	0.000899	0.00125	0.00249	0
2034 Jun	0.0565	0.0000243	3.67	21.3	0.127	0.00337	240	0.0246	0.0349	0.000315	0.00119	0.000548	0.374	0.00000198	0.000807	0.00145	0.00263	0
2034 Jul	0.0402	0.0000322	4.5	34.3	0.141	0.0048	419	0.0349	0.028	0.000102	0.00163	0.000754	0.47	0.00000222	0.00114	0.00149	0.00308	0
2034 Aug	0.0405	0.0000379	5.36	38.9	0.168	0.00583	459	0.0424	0.0277	0.0000859	0.00196	0.000908	0.565	0.00000245	0.00138	0.00176	0.00353	0
2034 Sep	0.0354	0.0000311	4.43	34.2	0.135	0.00488	419	0.0342	0.0303	0.0000347	0.00156	0.000734	0.464	0.00000209	0.00114	0.00145	0.00288	0
2034 Oct	0.0366	0.0000269	3.77	32.5	0.111	0.0041	422	0.0277	0.0347	0.0000266	0.00127	0.000606	0.387	0.00000201	0.000942	0.0012	0.00253	0
2034 Nov	0.0371	0.0000272	3.79	34.3	0.112	0.00415	453	0.0279	0.0352	0.0000269	0.00128	0.000612	0.39	0.00000203	0.000951	0.00121	0.00256	0
2034 Dec	0.0371	0.0000272	3.8	34.4	0.112	0.00415	454	0.0279	0.0353	0.0000269	0.00128	0.000612	0.39	0.00000203	0.000952	0.00121	0.00257	0
2035 Jan	0.0371	0.0000272	3.8	34.4	0.112	0.00415	455	0.0279	0.0352	0.0000269	0.00128	0.000612	0.39	0.00000203	0.000952	0.00121	0.00257	0
2035 Feb	0.0371	0.0000272	3.8	34.4	0.112	0.00416	455	0.028	0.0353	0.0000269	0.00128	0.000613	0.39	0.00000203	0.000953	0.00121	0.00257	0
2035 Mar	0.0371	0.0000272	3.8	34.4	0.112	0.00416	455	0.028	0.0353	0.0000269	0.00128	0.000613	0.39	0.00000203	0.000953	0.00121	0.00257	0
2035 Apr	0.0373	0.0000274	3.82	34.6	0.113	0.00418	457	0.0281	0.0354	0.000027	0.00129	0.000616	0.392	0.00000204	0.000957	0.00122	0.00258	0
2035 May	0.0411	0.0000277	3.9	34.5	0.118	0.00419	450	0.0283	0.0364	0.0000677	0.00131	0.000623	0.4	0.00000208	0.000963	0.00128	0.00264	0
2035 Jun	0.0475	0.0000231	3.32	18	0.11	0.00307	166	0.0227	0.0328	0.000225	0.00113	0.0005	0.335	0.00000195	0.000742	0.00132	0.00266	0
2035 Jul	0.0404	0.0000284	3.92	23.6	0.122	0.00396	223	0.0294	0.031	0.000117	0.00143	0.000631	0.402	0.00000218	0.000956	0.00143	0.00308	0
2035 Aug	0.03	0.0000349	5.04	33.6	0.158	0.00555	329	0.0404	0.0204	0.0000457	0.00185	0.000859	0.535	0.0000021	0.00131	0.00167	0.00322	0
2035 Sep	0.0354	0.0000283	3.98	33.5	0.118	0.00435	375	0.0297	0.0324	0.0000272	0.00136	0.000647	0.411	0.00000204	0.001	0.00127	0.00264	0
2035 Oct	0.0363	0.0000275	3.87	30.6	0.114	0.0042	334	0.0287	0.0341	0.0000268	0.00131	0.000622	0.399	0.00000202	0.000968	0.00124	0.00256	0
2035 Nov	0.0351	0.0000279	3.95	31.2	0.117	0.00431	339	0.0297	0.0323	0.0000268	0.00135	0.000641	0.409	0.00000198	0.000996	0.00127	0.00259	0
2035 Dec	0.0352	0.0000279	3.95	31.3	0.117	0.00431	340	0.0297	0.0323	0.0000268	0.00136	0.000641	0.409	0.00000199	0.000996	0.00128	0.00259	0
2036 Jan	0.0352	0.0000279	3.95	31.3	0.117	0.00432	340	0.0297	0.0323	0.0000268	0.00136	0.000641	0.409	0.00000199	0.000996	0.00128	0.0026	0
2036 Feb	0.0352	0.0000279	3.95	31.3	0.117	0.00432	340	0.0297	0.0323	0.0000268	0.00136	0.000641	0.409	0.00000199	0.000996	0.00128	0.0026	0
2036 Mar	0.0352	0.0000279	3.95	31.3	0.117	0.00432	340	0.0297	0.0323	0.0000268	0.00136	0.000641	0.409	0.00000199	0.000997	0.00128	0.0026	0
2036 Apr	0.0357	0.0000281	3.98	31.6	0.119	0.00435	343	0.0299	0.0324	0.0000298	0.00137	0.000647	0.413	0.00000199	0.001	0.00129	0.00261	0
2036 May	0.0377	0.0000287	4.1	32.4	0.124	0.00445	350	0.0307	0.0329	0.0000427	0.0014	0.000664	0.425	0.00000203	0.00103	0.00134	0.00268	0
2036 Jun	0.0379	0.0000245	3.39	20.6	0.105	0.00336	180	0.0247	0.0306	0.000112	0.00122	0.000534	0.344	0.00000198	0.000809	0.00128	0.00278	0
2036 Jul	0.036	0.00003	4.17	26	0.128	0.00438	215	0.0324	0.0268	0.0000775	0.00152	0.00069	0.434	0.00000212	0.00105	0.00142	0.00298	0
2036 Aug	0.0354	0.0000356	5.08	32.8	0.158	0.00551	275	0.0406	0.0242	0.0000666	0.00187	0.00086	0.536	0.00000226	0.00131	0.00169	0.00335	0
2036 Sep	0.0316	0.0000364	5.25	42.5	0.166	0.00595	402	0.0424	0.0226	0.0000355	0.00195	0.000908	0.56	0.00000211	0.0014	0.00175	0.00333	0
2036 Oct	0.0366	0.0000274	3.84	31.9	0.113	0.00418	312	0.0284	0.0344	0.000027	0.0013	0.000618	0.395	0.00000202	0.000961	0.00123	0.00256	0
2036 Nov	0.0357	0.0000288	4.06	35.1	0.122	0.00448	347	0.0306	0.0326	0.0000276	0.0014	0.000665	0.421	0.00000202	0.00103	0.00131	0.00268	0
2036 Dec	0.0356	0.0000289	4.08	35.6	0.123	0.00451	353	0.0309	0.0323	0.0000276	0.00142	0.000671	0.424	0.00000202	0.00104	0.00132	0.0027	0
2037 Jan	0.0356	0.0000289	4.08	35.6	0.123	0.00451	353	0.0309	0.0323	0.0000276	0.00142	0.000671	0.424	0.00000202	0.00104	0.00132	0.0027	0
2037 Feb	0.0356	0.0000289	4.08	35.6	0.123	0.00451	353	0.0309	0.0323	0.0000276	0.00142	0.000671	0.424	0.00000202	0.00104	0.00132	0.0027	0
2037 Mar	0.0356	0.000029	4.09	35.6	0.123	0.00452	353	0.0309	0.0323	0.0000277	0.00142	0.000672	0.425	0.00000202	0.00104	0.00132	0.0027	0
2037 Apr	0.0357	0.0000291	4.1	35.8	0.123	0.00454	355	0.0311	0.0324	0.0000278	0.00143	0.000675	0.426	0.00000203	0.00105	0.00133	0.00271	0
2037 May	0.0602	0.0000243	3.68	26.3	0.127	0.00342	238	0.0239	0.0384	0.000323	0.00114	0.000545	0.374	0.00000202	0.000804	0.0014	0.00253	0
2037 Jun	0.0474	0.0000148	2.6	12.8	0.0865	0.00199	89.8	0.0148	0.0239	0.000304	0.000721	0.000347	0.244	0.00000196	0.000481	0.00099	0.00191	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0283	0.00000738	1.65	6.69	0.0408	0.000994	45.6	0.00738	0.0129	0.000153	0.000356	0.000186	0.128	0.00000199	0.000239	0.00049	0.00133	0
2037 Aug	0.0215	0.00000469	1.33	4.49	0.0252	0.000637	29.5	0.00469	0.0091	0.0000989	0.000224	0.000129	0.0883	0.000002	0.000152	0.000313	0.00112	0
2037 Sep	0.0185	0.00000364	1.23	3.69	0.0193	0.000502	23.6	0.00364	0.00775	0.0000768	0.000174	0.000107	0.0744	0.00000201	0.000118	0.000244	0.00104	0
2037 Oct	0.0177	0.00000347	1.22	3.59	0.018	0.000483	23	0.00347	0.00761	0.0000716	0.000165	0.000104	0.0721	0.000002	0.000113	0.000228	0.00102	0
2037 Nov	0.0178	0.0000035	1.22	3.63	0.0181	0.000489	23.3	0.0035	0.00766	0.0000715	0.000167	0.000104	0.0726	0.000002	0.000114	0.000229	0.00102	0
2037 Dec	0.0178	0.00000351	1.22	3.63	0.0181	0.000489	23.3	0.0035	0.00766	0.0000715	0.000167	0.000104	0.0726	0.000002	0.000114	0.00023	0.00102	0
2038 Jan	0.0178	0.00000351	1.22	3.63	0.0181	0.000489	23.4	0.0035	0.00766	0.0000715	0.000167	0.000104	0.0726	0.000002	0.000114	0.00023	0.00102	0
2038 Feb	0.0178	0.00000351	1.22	3.63	0.0181	0.000489	23.4	0.0035	0.00766	0.0000715	0.000167	0.000104	0.0726	0.000002	0.000114	0.00023	0.00102	0
2038 Mar	0.0178	0.00000351	1.22	3.63	0.0181	0.000489	23.4	0.0035	0.00766	0.0000715	0.000167	0.000104	0.0726	0.000002	0.000114	0.00023	0.00102	0
2038 Apr	0.0178	0.00000351	1.22	3.63	0.0181	0.000489	23.4	0.0035	0.00767	0.0000715	0.000167	0.000105	0.0726	0.000002	0.000114	0.00023	0.00102	0
2038 May	0.0183	0.0000036	1.24	3.69	0.0189	0.000498	23.5	0.00357	0.00792	0.000076	0.00017	0.000106	0.0742	0.000002	0.000117	0.000238	0.00103	0
2038 Jun	0.0203	0.00000408	1.29	3.93	0.0223	0.000549	24	0.00398	0.00895	0.0000935	0.000192	0.000115	0.0813	0.000002	0.00013	0.000278	0.00107	0
2038 Jul	0.0196	0.00000369	1.23	3.58	0.0199	0.000492	21.6	0.00358	0.00842	0.0000877	0.000172	0.000106	0.0746	0.00000201	0.000116	0.000253	0.00105	0
2038 Aug	0.0186	0.00000332	1.19	3.29	0.0176	0.000445	19.5	0.00322	0.0078	0.0000786	0.000154	0.0000989	0.0691	0.00000201	0.000105	0.000228	0.00102	0
2038 Sep	0.0176	0.00000308	1.17	3.12	0.0161	0.000417	18.3	0.00299	0.00741	0.0000711	0.000143	0.000094	0.066	0.00000201	0.0000974	0.000209	0.000996	0
2038 Oct	0.0173	0.000003	1.16	3.07	0.0156	0.000409	17.9	0.00292	0.00736	0.000069	0.000139	0.0000924	0.065	0.00000201	0.0000952	0.000203	0.000989	0
2038 Nov	0.0173	0.00000301	1.16	3.08	0.0156	0.00041	18	0.00293	0.00737	0.000069	0.00014	0.0000926	0.0652	0.00000201	0.0000955	0.000203	0.00099	0
2038 Dec	0.0173	0.00000301	1.16	3.08	0.0156	0.00041	18	0.00293	0.00737	0.000069	0.00014	0.0000926	0.0652	0.00000201	0.0000955	0.000203	0.00099	0
2039 Jan	0.0173	0.00000301	1.16	3.08	0.0156	0.00041	18	0.00293	0.00737	0.000069	0.00014	0.0000926	0.0652	0.00000201	0.0000955	0.000203	0.00099	0
2039 Feb	0.0173	0.00000301	1.16	3.08	0.0156	0.00041	18	0.00293	0.00737	0.000069	0.00014	0.0000926	0.0652	0.00000201	0.0000955	0.000203	0.00099	0
2039 Mar	0.0173	0.00000301	1.16	3.08	0.0156	0.00041	18	0.00293	0.00737	0.000069	0.00014	0.0000926	0.0652	0.00000201	0.0000956	0.000203	0.00099	0
2039 Apr	0.0173	0.00000301	1.16	3.08	0.0156	0.00041	18	0.00293	0.00737	0.000069	0.00014	0.0000926	0.0652	0.00000201	0.0000956	0.000203	0.00099	0
2039 May	0.0173	0.00000302	1.17	3.09	0.0157	0.000411	18.1	0.00294	0.00738	0.0000691	0.00014	0.0000928	0.0653	0.00000201	0.0000958	0.000204	0.000991	0
2039 Jun	0.0177	0.00000333	1.18	3.33	0.0166	0.000443	19.5	0.00318	0.0079	0.0000691	0.000154	0.0000974	0.068	0.00000201	0.000104	0.000218	0.00102	0
2039 Jul	0.0177	0.00000347	1.18	3.37	0.0168	0.000458	19.4	0.00331	0.00798	0.0000675	0.00016	0.0000995	0.0688	0.000002	0.000108	0.000222	0.00103	0
2039 Aug	0.0173	0.00000332	1.16	3.26	0.0159	0.000439	18.6	0.00316	0.00775	0.0000641	0.000152	0.0000965	0.0666	0.000002	0.000103	0.000211	0.00102	0
2039 Sep	0.0168	0.00000312	1.15	3.12	0.0149	0.000414	17.6	0.00297	0.00749	0.0000608	0.000143	0.0000926	0.0643	0.000002	0.0000969	0.000199	0.001	0
2039 Oct	0.0166	0.00000305	1.14	3.07	0.0145	0.000405	17.3	0.00289	0.00741	0.0000599	0.00014	0.0000911	0.0634	0.000002	0.0000946	0.000194	0.000995	0
2039 Nov	0.0166	0.00000305	1.14	3.08	0.0145	0.000405	17.3	0.0029	0.00741	0.0000599	0.00014	0.0000911	0.0634	0.000002	0.0000947	0.000194	0.000995	0
2039 Dec	0.0166	0.00000305	1.14	3.08	0.0145	0.000406	17.3	0.0029	0.00741	0.0000599	0.00014	0.0000911	0.0634	0.000002	0.0000947	0.000194	0.000995	0
2040 Jan	0.0166	0.00000305	1.14	3.08	0.0145	0.000406	17.3	0.0029	0.00741	0.0000599	0.00014	0.0000911	0.0634	0.000002	0.0000947	0.000194	0.000995	0
2040 Feb	0.0166	0.00000305	1.14	3.08	0.0145	0.000406	17.3	0.0029	0.00741	0.0000599	0.00014	0.0000911	0.0634	0.000002	0.0000947	0.000194	0.000995	0
2040 Mar	0.0166	0.00000305	1.14	3.08	0.0145	0.000406	17.3	0.0029	0.00741	0.0000599	0.00014	0.0000912	0.0634	0.000002	0.0000947	0.000194	0.000995	0
2040 Apr	0.0166	0.00000305	1.14	3.08	0.0145	0.000406	17.3	0.0029	0.00741	0.0000599	0.00014	0.0000912	0.0634	0.000002	0.0000947	0.000194	0.000995	0
2040 May	0.0167	0.00000307	1.15	3.09	0.0147	0.000407	17.4	0.00291	0.00747	0.0000609	0.00014	0.0000915	0.0637	0.00000201	0.000095	0.000196	0.000997	0
2040 Jun	0.0176	0.00000322	1.16	3.14	0.0159	0.000418	17.3	0.003	0.00797	0.0000686	0.000146	0.0000936	0.0657	0.000002	0.000098	0.00021	0.00101	0
2040 Jul	0.0175	0.00000315	1.15	3.08	0.0154	0.000408	16.9	0.00293	0.00784	0.0000677	0.000143	0.0000921	0.0644	0.000002	0.0000957	0.000206	0.00101	0
2040 Aug	0.0172	0.00000302	1.13	2.99	0.0147	0.000392	16.2	0.00281	0.00762	0.0000652	0.000136	0.0000896	0.0626	0.00000201	0.0000918	0.000198	0.000996	0
2040 Sep	0.0169	0.0000029	1.13	2.92	0.0141	0.000378	15.7	0.0027	0.00744	0.0000626	0.000131	0.0000874	0.0613	0.00000201	0.0000883	0.00019	0.000987	0
2040 Oct	0.0167	0.00000284	1.12	2.87	0.0138	0.00037	15.4	0.00264	0.00737	0.0000619	0.000128	0.0000861	0.0605	0.00000201	0.0000864	0.000186	0.000982	0
2040 Nov	0.0167	0.00000284	1.12	2.88	0.0138	0.000371	15.5	0.00264	0.00738	0.0000619	0.000128	0.0000862	0.0605	0.00000201	0.0000864	0.000186	0.000982	0
2040 Dec	0.0167	0.00000284	1.12	2.88	0.0138	0.000371	15.5	0.00264	0.00738	0.0000619	0.000128	0.0000862	0.0605	0.00000201	0.0000865	0.000186	0.000982	0
2041 Jan	0.0167	0.00000284	1.12	2.88	0.0138	0.000371	15.5	0.00264	0.00738	0.0000619	0.000128	0.0000862	0.0605	0.00000201	0.0000865	0.000186	0.000982	0
2041 Feb	0.0167	0.00000284	1.12	2.88	0.0138	0.000371	15.5	0.00264	0.00738	0.0000619	0.000128	0.0000862	0.0605	0.00000201	0.0000865	0.000186	0.000982	0
2041 Mar	0.0167	0.00000284	1.12	2.88	0.0138	0.000371	15.5	0.00264	0.00738	0.0000619	0.000128	0.0000862	0.0605	0.00000201	0.0000865	0.000186	0.000982	0
2041 Apr	0.0167	0.00000284	1.12	2.88	0.0138	0.000371	15.5	0.00264	0.00738	0.0000619	0.000128	0.0000862	0.0606	0.00000201	0.0000865	0.000186	0.000982	0
2041 May	0.0167	0.00000285	1.12	2.9	0.0138	0.000372	15.6	0.00265	0.00739	0.0000621	0.000129	0.0000865	0.0607	0.00000201	0.0000868	0.000187	0.000983	0
2041 Jun	0.0169	0.00000295	1.13	2.93	0.014	0.000378	15.6	0.0027	0.00764	0.0000623	0.000132	0.0000872	0.0612	0.00000201	0.0000883	0.000191	0.000993	0
2041 Jul	0.0169	0.00000298	1.12	2.91	0.014	0.00038	15.3	0.00272	0.00768	0.0000618	0.000133	0.0000874	0.061	0.000002	0.000089	0.000192	0.000996	0
2041 Aug	0.0167	0.00000288	1.11	2.84	0.0135	0.000367	14.8	0.00263	0.00752	0.0000602	0.000128	0.0000855	0.0597	0.00000201	0.0000859	0.000186	0.000988	0
2041 Sep	0.0165	0.00000279	1.1	2.79	0.013	0.000356	14.5	0.00254	0.00738	0.0000584	0.000124	0.0000838	0.0587	0.00000201	0.0000832	0.00018	0.000981	0
2041 Oct	0.0164	0.00000275	1.1	2.76	0.0128	0.000352	14.3	0.0025	0.00734	0.000058	0.000122	0.000083	0.0582	0.00000201	0.000082	0.000178	0.000977	0
2041 Nov	0.0164	0.00000275	1.1	2.77	0.0128	0.000352	14.4	0.00251	0.00735	0.000058	0.000122	0.0000831	0.0583	0.00000201	0.0000821	0.000178	0.000978	0
2041 Dec	0.0164	0.00000275	1.1	2.77	0.0128	0.000352	14.4	0.00251	0.00735	0.000058	0.000122	0.0000831	0.0583	0.00000201	0.0000821	0.000178	0.000978	0
2042 Jan	0.0164	0.00000275	1.1	2.77	0.0128	0.000352	14.4	0.00251	0.00735	0.000058	0.000122	0.0000831	0.0583	0.00000201	0.0000821	0.000178	0.000978	0
2042 Feb	0.0164	0.00000275	1.1	2.77	0.0128	0.000352	14.4	0.00251	0.00735	0.000058	0.000122	0.0000831	0.0583	0.00000201	0.0000821	0.000178	0.000978	0
2042 Mar	0.0164	0.00000275	1.1	2.77	0.0128	0.000352	14.4	0.00251	0.00735	0.000058	0.000122	0.0000831	0.0583	0.00000201	0.0000821	0.000178	0.000978	0
2042 Apr	0.0164	0.00000275	1.1	2.77	0.0128	0.000353	14.4	0.00251	0.00735	0.000058	0.000122	0.0000831	0.0583	0.00000201	0.0000822	0.000178	0.000978	0
2042 May	0.0164	0.00000276	1.1	2.78	0.0129	0.000353	14.4	0.00251	0.00737	0.0000583	0.000123	0.0000833	0.0584	0.00000201	0.0000823	0.000178	0.000979	0
2042 Jun	0.0165	0.0000028	1.1	2.77	0.013	0.000354	14.3	0.00252	0.00752	0.0000586	0.000124	0.0000834	0.0585	0.00000201	0.0000827	0.000181	0.000984	0
2042 Jul	0.0165	0.00000279	1.1	2.74	0.0128	0.00035	14	0.0025	0.00754	0.0000584	0.000123	0.0000827	0.0579	0.000002	0.0000817	0.000179	0.000983	0
2042 Aug	0.0164	0.00000273	1.09	2.71	0.0124	0.000342	13.8	0.00244	0.00745	0.0000571	0.000119	0.0000814	0.057	0.000002	0.0000798	0.000175	0.000976	0
2042 Sep	0.0162	0.00000266	1.08	2.66	0.0121	0.000333	13.5	0.00236	0.00737	0.0000557	0.000116	0.0000799	0.0561	0.000002	0.0000775	0.00017	0.000969	0
2042 Oct	0.0161	0.00000263	1.08	2.64	0.0119	0.000329	13.3	0.00233	0.00735	0.0000553	0.000114	0.0000792	0.0557	0.000002	0.0000764	0.000168	0.000966	0
2042 Nov	0.0161	0.00000263	1.08	2.65	0.0119	0.000329	13.3	0.00233	0.00735	0.0000554	0.000114	0.0000792	0.0557	0.000002	0.0000765	0.000168	0.000966	0
2042 Dec	0.0161	0.00000263	1.08	2.65	0.0119	0.000329	13.4	0.00233	0.00735	0.0000554	0.000114	0.0000792	0.0557	0.000002	0.0000765	0.000168	0.000966	0
2043 Jan	0.0161	0.00000263	1.08	2.65	0.0119	0.000329	13.4	0.00233	0.00735	0.0000554	0.000114	0.0000792	0.0557	0.000002	0.0000765	0.000168	0.000966	0
2043 Feb	0.0161	0.00000263	1.08	2.65	0.0119	0.000329	13.4	0.00233	0.00735	0.0000554	0.000114	0.0000792	0.0557	0.000002	0.0000765	0.000168	0.000966	0
2043 Mar	0.0161	0.00000263	1.08	2.65	0.0119	0.000329	13.4	0.00233	0.00735	0.0000554	0.000114	0.0000792	0.0557	0.000002	0.0000765	0.000168	0.000966	0
2043 Apr	0.0161	0.00000263	1.08	2.65	0.0119	0.00033	13.4	0.00233	0.00735	0.0000554	0.000114	0.0000793	0.0558	0.000002	0.0000765	0.000168	0.000967	0
2043 May	0.0162	0.00000264	1.08	2.65	0.012	0.00033	13.4	0.00233	0.00738	0.0000558	0.000114	0.0000794	0.0559	0.000002	0.0000767	0.000168	0.000968	0
2043 Jun	0.0166	0.00000267	1.08	2.65	0.0123	0.000328	13.2	0.00232	0.0076	0.0000592	0.000115	0.0000793	0.0561	0.000002	0.0000764	0.000173	0.000971	0
2043 Jul	0.0166	0.00000263	1.08	2.62	0.0121	0.000322	13	0.00228	0.00756	0.0000591	0.000113	0.0000785	0.0555	0.00000201	0.000075	0.000171	0.00097	0
2043 Aug	0.0165	0.00000259	1.07	2.59	0.0118	0.000316	12.9	0.00224	0.0075	0.0000586	0.00011	0.0000776	0.0548	0.00000201	0.0000735	0.000168	0.000968	0
2043 Sep	0.0165	0.00000259	1.07	2.6	0.0119	0.000317	13	0.00224	0.00752	0.0000585	0.000111	0.0000778	0.0549	0.00000201	0.0000737	0.000168	0.000968	0
2043 Oct	0.0166	0.00000261	1.07	2.62	0.0119	0.000319	13	0.00225	0.00756	0.0000585	0.000111	0.0000779	0.055	0.00000201	0.000074	0.000169	0.000969	0
2043 Nov	0.0166	0.00000261	1.07	2.62	0.0119	0.000319	13	0.00225	0.0076	0.0000584	0.000111	0.0000779	0.0551	0.00000201	0.0000741	0.000169	0.000969	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0166	0.00000261	1.07	2.62	0.0119	0.000319	13	0.00225	0.0076	0.0000585	0.000111	0.0000779	0.0551	0.00000201	0.0000741	0.000169	0.000969	0
2044 Jan	0.0166	0.00000261	1.07	2.62	0.0119	0.000319	13	0.00225	0.0076	0.0000585	0.000111	0.0000779	0.0551	0.00000201	0.0000741	0.000169	0.000969	0
2044 Feb	0.0166	0.00000261	1.07	2.62	0.0119	0.000319	13	0.00225	0.0076	0.0000585	0.000111	0.0000779	0.0551	0.00000201	0.0000741	0.000169	0.000969	0
2044 Mar	0.0166	0.00000261	1.07	2.62	0.0119	0.000319	13	0.00225	0.0076	0.0000585	0.000111	0.0000779	0.0551	0.00000201	0.0000741	0.000169	0.000969	0
2044 Apr	0.0166	0.00000261	1.07	2.63	0.0119	0.000319	13	0.00225	0.0076	0.0000585	0.000111	0.0000779	0.0551	0.00000201	0.0000741	0.000169	0.000969	0
2044 May	0.0166	0.00000262	1.08	2.63	0.0119	0.00032	13.1	0.00225	0.00761	0.0000585	0.000111	0.000078	0.0551	0.00000201	0.0000742	0.000169	0.00097	0
2044 Jun	0.0168	0.00000266	1.07	2.63	0.012	0.000319	13	0.00225	0.00781	0.0000594	0.000112	0.0000779	0.0552	0.00000201	0.0000742	0.000171	0.000974	0
2044 Jul	0.0168	0.00000268	1.07	2.64	0.0121	0.00032	13	0.00226	0.00788	0.0000596	0.000112	0.0000781	0.0553	0.00000201	0.0000745	0.000172	0.000978	0
2044 Aug	0.0169	0.0000027	1.08	2.66	0.0121	0.000322	13.1	0.00227	0.00792	0.0000598	0.000113	0.0000784	0.0555	0.00000202	0.0000748	0.000173	0.000981	0
2044 Sep	0.0169	0.00000271	1.08	2.67	0.0121	0.000323	13.1	0.00227	0.00797	0.0000596	0.000113	0.0000785	0.0556	0.00000202	0.0000751	0.000173	0.000981	0
2044 Oct	0.017	0.00000272	1.08	2.68	0.0122	0.000324	13.1	0.00228	0.00801	0.0000596	0.000113	0.0000786	0.0557	0.00000202	0.0000753	0.000173	0.000981	0
2044 Nov	0.017	0.00000272	1.08	2.68	0.0122	0.000324	13.1	0.00228	0.00802	0.0000596	0.000113	0.0000786	0.0557	0.00000202	0.0000753	0.000173	0.000981	0
2044 Dec	0.017	0.00000272	1.08	2.68	0.0122	0.000324	13.2	0.00228	0.00802	0.0000596	0.000113	0.0000786	0.0557	0.00000202	0.0000753	0.000173	0.000981	0
2045 Jan	0.017	0.00000272	1.08	2.68	0.0122	0.000324	13.2	0.00228	0.00802	0.0000596	0.000113	0.0000786	0.0557	0.00000202	0.0000753	0.000173	0.000981	0
2045 Feb	0.017	0.00000272	1.08	2.68	0.0122	0.000324	13.2	0.00228	0.00802	0.0000596	0.000113	0.0000786	0.0557	0.00000202	0.0000753	0.000173	0.000981	0
2045 Mar	0.017	0.00000272	1.08	2.68	0.0122	0.000324	13.2	0.00228	0.00802	0.0000596	0.000113	0.0000786	0.0557	0.00000202	0.0000753	0.000173	0.000981	0
2045 Apr	0.017	0.00000272	1.08	2.68	0.0122	0.000324	13.2	0.00228	0.00802	0.0000596	0.000113	0.0000786	0.0557	0.00000202	0.0000753	0.000173	0.000982	0
2045 May	0.017	0.00000273	1.08	2.69	0.0122	0.000325	13.2	0.00228	0.00803	0.0000596	0.000113	0.0000787	0.0558	0.00000202	0.0000754	0.000174	0.000982	0
2045 Jun	0.0171	0.00000277	1.08	2.73	0.0123	0.000327	13.3	0.0023	0.00817	0.0000597	0.000115	0.000079	0.0559	0.00000201	0.000076	0.000176	0.000987	0
2045 Jul	0.0171	0.0000028	1.08	2.75	0.0123	0.000328	13.3	0.0023	0.00828	0.0000599	0.000116	0.0000792	0.0561	0.00000202	0.0000763	0.000177	0.000992	0
2045 Aug	0.0172	0.00000281	1.08	2.76	0.0124	0.000329	13.4	0.00231	0.00831	0.00006	0.000116	0.0000794	0.0563	0.00000202	0.0000766	0.000177	0.000994	0
2045 Sep	0.0172	0.00000282	1.09	2.77	0.0124	0.00033	13.4	0.00232	0.00834	0.00006	0.000116	0.0000795	0.0563	0.00000202	0.0000769	0.000178	0.000995	0
2045 Oct	0.0172	0.00000283	1.09	2.78	0.0124	0.000331	13.5	0.00232	0.00835	0.00006	0.000117	0.0000796	0.0564	0.00000202	0.000077	0.000178	0.000996	0
2045 Nov	0.0172	0.00000283	1.09	2.78	0.0124	0.000331	13.5	0.00232	0.00835	0.00006	0.000117	0.0000797	0.0564	0.00000202	0.000077	0.000178	0.000996	0
2045 Dec	0.0172	0.00000283	1.09	2.78	0.0124	0.000331	13.5	0.00232	0.00835	0.00006	0.000117	0.0000797	0.0564	0.00000202	0.000077	0.000178	0.000996	0
2046 Jan	0.0172	0.00000283	1.09	2.78	0.0124	0.000331	13.5	0.00232	0.00835	0.00006	0.000117	0.0000797	0.0564	0.00000202	0.000077	0.000178	0.000996	0
2046 Feb	0.0172	0.00000283	1.09	2.78	0.0124	0.000331	13.5	0.00232	0.00835	0.00006	0.000117	0.0000797	0.0564	0.00000202	0.000077	0.000178	0.000996	0
2046 Mar	0.0172	0.00000283	1.09	2.78	0.0124	0.000331	13.5	0.00232	0.00836	0.00006	0.000117	0.0000797	0.0564	0.00000202	0.000077	0.000178	0.000996	0
2046 Apr	0.0172	0.00000283	1.09	2.79	0.0124	0.000331	13.5	0.00232	0.00836	0.0000601	0.000117	0.0000797	0.0565	0.00000202	0.0000771	0.000178	0.000996	0
2046 May	0.0173	0.00000283	1.09	2.79	0.0124	0.000332	13.5	0.00233	0.00837	0.0000602	0.000117	0.0000798	0.0565	0.00000203	0.0000772	0.000178	0.000997	0
2046 Jun	0.0174	0.00000288	1.09	2.8	0.0125	0.000332	13.5	0.00233	0.00855	0.0000605	0.000118	0.0000797	0.0565	0.00000202	0.0000773	0.00018	0.001	0
2046 Jul	0.0174	0.00000291	1.08	2.81	0.0125	0.000332	13.4	0.00233	0.00869	0.0000605	0.000119	0.0000797	0.0565	0.00000202	0.0000774	0.000181	0.001	0
2046 Aug	0.0175	0.00000293	1.09	2.82	0.0126	0.000333	13.5	0.00234	0.00873	0.0000606	0.000119	0.0000799	0.0567	0.00000202	0.0000778	0.000182	0.00101	0
2046 Sep	0.0175	0.00000294	1.09	2.84	0.0126	0.000335	13.5	0.00234	0.00877	0.0000605	0.000119	0.0000801	0.0568	0.00000202	0.0000781	0.000182	0.00101	0
2046 Oct	0.0175	0.00000295	1.09	2.85	0.0126	0.000336	13.5	0.00235	0.00882	0.0000604	0.000119	0.0000802	0.0569	0.00000202	0.0000783	0.000182	0.00101	0
2046 Nov	0.0175	0.00000296	1.09	2.86	0.0126	0.000337	13.6	0.00235	0.00882	0.0000604	0.00012	0.0000802	0.0569	0.00000202	0.0000784	0.000182	0.00101	0
2046 Dec	0.0175	0.00000296	1.09	2.86	0.0126	0.000337	13.6	0.00235	0.00883	0.0000604	0.00012	0.0000802	0.0569	0.00000202	0.0000784	0.000182	0.00101	0
2047 Jan	0.0175	0.00000296	1.09	2.86	0.0126	0.000337	13.6	0.00235	0.00883	0.0000604	0.00012	0.0000802	0.0569	0.00000202	0.0000784	0.000182	0.00101	0
2047 Feb	0.0175	0.00000296	1.09	2.86	0.0126	0.000337	13.6	0.00235	0.00883	0.0000604	0.00012	0.0000802	0.0569	0.00000202	0.0000784	0.000182	0.00101	0
2047 Mar	0.0175	0.00000296	1.09	2.86	0.0126	0.000337	13.6	0.00235	0.00883	0.0000604	0.00012	0.0000803	0.0569	0.00000202	0.0000784	0.000182	0.00101	0
2047 Apr	0.0175	0.00000296	1.09	2.86	0.0126	0.000337	13.6	0.00235	0.00883	0.0000604	0.00012	0.0000803	0.0569	0.00000202	0.0000785	0.000182	0.00101	0
2047 May	0.0176	0.00000297	1.09	2.87	0.0127	0.000337	13.6	0.00236	0.00886	0.0000611	0.00012	0.0000804	0.0571	0.00000202	0.0000786	0.000183	0.00101	0
2047 Jun	0.018	0.00000301	1.09	2.9	0.0131	0.000338	13.6	0.00236	0.00908	0.0000644	0.000121	0.0000807	0.0576	0.00000202	0.0000789	0.000188	0.00101	0
2047 Jul	0.0181	0.00000303	1.1	2.91	0.0132	0.00034	13.6	0.00237	0.00913	0.0000647	0.000122	0.000081	0.0578	0.00000202	0.0000792	0.000189	0.00102	0
2047 Aug	0.0181	0.00000304	1.1	2.93	0.0132	0.000341	13.7	0.00238	0.00917	0.0000648	0.000122	0.0000813	0.058	0.00000203	0.0000796	0.00019	0.00102	0
2047 Sep	0.0181	0.00000305	1.1	2.95	0.0133	0.000343	13.7	0.00239	0.0092	0.0000648	0.000122	0.0000815	0.0581	0.00000203	0.0000799	0.00019	0.00102	0
2047 Oct	0.0182	0.00000306	1.1	2.97	0.0133	0.000344	13.8	0.0024	0.00924	0.0000647	0.000123	0.0000816	0.0582	0.00000202	0.0000801	0.00019	0.00102	0
2047 Nov	0.0182	0.00000307	1.1	2.97	0.0133	0.000344	13.8	0.0024	0.00925	0.0000647	0.000123	0.0000816	0.0582	0.00000202	0.0000802	0.00019	0.00102	0
2047 Dec	0.0182	0.00000307	1.1	2.97	0.0133	0.000345	13.8	0.0024	0.00925	0.0000647	0.000123	0.0000816	0.0582	0.00000202	0.0000803	0.00019	0.00102	0
2048 Jan	0.0182	0.00000307	1.1	2.97	0.0133	0.000345	13.8	0.0024	0.00925	0.0000647	0.000123	0.0000816	0.0582	0.00000202	0.0000803	0.00019	0.00102	0
2048 Feb	0.0182	0.00000307	1.1	2.97	0.0133	0.000345	13.8	0.0024	0.00925	0.0000647	0.000123	0.0000816	0.0582	0.00000202	0.0000803	0.00019	0.00102	0
2048 Mar	0.0182	0.00000307	1.1	2.97	0.0133	0.000345	13.8	0.0024	0.00925	0.0000647	0.000123	0.0000816	0.0582	0.00000202	0.0000803	0.00019	0.00102	0
2048 Apr	0.0182	0.00000307	1.1	2.97	0.0133	0.000345	13.8	0.0024	0.00926	0.0000647	0.000123	0.0000817	0.0582	0.00000203	0.0000803	0.00019	0.00102	0
2048 May	0.0182	0.00000307	1.1	2.98	0.0133	0.000345	13.8	0.0024	0.00927	0.0000647	0.000123	0.0000817	0.0583	0.00000203	0.0000804	0.000191	0.00102	0
2048 Jun	0.0183	0.00000311	1.1	2.97	0.0133	0.000344	13.7	0.0024	0.00943	0.0000648	0.000123	0.0000815	0.0582	0.00000202	0.0000803	0.000192	0.00102	0
2048 Jul	0.0183	0.00000314	1.1	2.97	0.0134	0.000344	13.6	0.0024	0.00957	0.0000649	0.000124	0.0000815	0.0582	0.00000202	0.0000804	0.000193	0.00103	0
2048 Aug	0.0184	0.00000316	1.1	2.99	0.0134	0.000346	13.7	0.00241	0.00962	0.0000649	0.000125	0.0000817	0.0584	0.00000202	0.0000808	0.000194	0.00103	0
2048 Sep	0.0184	0.00000317	1.1	3.01	0.0134	0.000347	13.7	0.00241	0.00966	0.0000649	0.000125	0.0000819	0.0585	0.00000202	0.0000811	0.000194	0.00103	0
2048 Oct	0.0184	0.00000318	1.1	3.03	0.0135	0.000349	13.8	0.00242	0.00969	0.0000648	0.000125	0.000082	0.0586	0.00000202	0.0000813	0.000194	0.00103	0
2048 Nov	0.0184	0.00000319	1.1	3.03	0.0135	0.000349	13.8	0.00242	0.0097	0.0000648	0.000125	0.0000821	0.0586	0.00000202	0.0000814	0.000194	0.00103	0
2048 Dec	0.0184	0.00000319	1.1	3.03	0.0135	0.000349	13.8	0.00242	0.0097	0.0000648	0.000125	0.0000821	0.0586	0.00000202	0.0000814	0.000194	0.00103	0
2049 Jan	0.0184	0.00000319	1.1	3.03	0.0135	0.000349	13.8	0.00242	0.0097	0.0000648	0.000125	0.0000821	0.0586	0.00000202	0.0000814	0.000194	0.00103	0
2049 Feb	0.0184	0.00000319	1.1	3.03	0.0135	0.000349	13.8	0.00242	0.0097	0.0000648	0.000125	0.0000821	0.0586	0.00000202	0.0000814	0.000194	0.00103	0
2049 Mar	0.0184	0.00000319	1.1	3.03	0.0135	0.000349	13.8	0.00242	0.0097	0.0000648	0.000125	0.0000821	0.0586	0.00000202	0.0000814	0.000194	0.00103	0
2049 Apr	0.0184	0.00000319	1.1	3.03	0.0135	0.000349	13.8	0.00242	0.0097	0.0000648	0.000125	0.0000821	0.0586	0.00000202	0.0000814	0.000194	0.00103	0
2049 May	0.0185	0.00000319	1.1	3.03	0.0135	0.000349	13.8	0.00243	0.00972	0.0000649	0.000125	0.0000822	0.0587	0.00000202	0.0000815	0.000195	0.00103	0
2049 Jun	0.0186	0.00000323	1.1	3.03	0.0135	0.000349	13.7	0.00242	0.0099	0.0000652	0.000126	0.0000819	0.0586	0.00000202	0.0000814	0.000196	0.00104	0
2049 Jul	0.0186	0.00000326	1.1	3.04	0.0136	0.000349	13.6	0.00242	0.01	0.0000652	0.000127	0.000082	0.0586	0.00000202	0.0000816	0.000197	0.00104	0
2049 Aug	0.0187	0.00000327	1.1	3.05	0.0136	0.000351	13.7	0.00243	0.01	0.0000654	0.000127	0.0000824	0.0589	0.00000202	0.000082	0.000198	0.00104	0
2049 Sep	0.0187	0.00000329	1.1	3.07	0.0136	0.000352	13.7	0.00244	0.0101	0.0000654	0.000128	0.0000825	0.059	0.00000202	0.0000823	0.000198	0.00104	0
2049 Oct	0.0187	0.0000033	1.1	3.09	0.0137	0.000354	13.8	0.00245	0.0101	0.0000653	0.000128	0.0000826	0.0591	0.00000202	0.0000825	0.000199	0.00104	0
2049 Nov	0.0187	0.0000033	1.1	3.1	0.0137	0.000354	13.8	0.00245	0.0101	0.0000653	0.000128	0.0000827	0.0591	0.00000202	0.0000827	0.000199	0.00104	0
2049 Dec	0.0187	0.0000033	1.1	3.1	0.0137	0.000354	13.8	0.00245	0.0101	0.0000653	0.000128	0.0000827	0.0591	0.00000202	0.0000827	0.000199	0.00104	0
2050 Jan	0.0187	0.0000033	1.1	3.1	0.0137	0.000354	13.8	0.00245	0.0101	0.0000653	0.000128	0.0000827	0.0591	0.00000202	0.0000827	0.000199	0.00104	0
2050 Feb	0.0187	0.0000033	1.1	3.1	0.0137	0.000354	13.8	0.00245	0.0101	0.0000653	0.000128	0.0000827	0.0591	0.00000202	0.0000827	0.000199	0.00104	0
2050 Mar	0.0187	0.0000033	1.1	3.1	0.0137	0.000354	13.8	0.00245	0.0101	0.0000653	0.000128	0.0000827	0.0591	0.00000202	0.0000827	0.000199	0.00104	0
2050 Apr	0.0187	0.0000033	1.1	3.1	0.0137	0.000354	13.8	0.00245	0.0101	0.0000653	0.000128	0.0000827	0.0591	0.00000202	0.0000827	0.000199	0.00104	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.0188	0.0000033	1.11	3.1	0.0137	0.000355	13.8	0.00245	0.0101	0.0000654	0.000128	0.0000828	0.0592	0.00000202	0.0000828	0.000199	0.00105	0
2050 Jun	0.0189	0.00000334	1.1	3.1	0.0138	0.000354	13.7	0.00245	0.0103	0.0000662	0.000129	0.0000827	0.0592	0.00000202	0.0000827	0.000201	0.00105	0
2050 Jul	0.019	0.00000336	1.1	3.1	0.0138	0.000354	13.7	0.00245	0.0104	0.0000662	0.000129	0.0000826	0.0592	0.00000202	0.0000828	0.000202	0.00105	0
2050 Aug	0.019	0.00000338	1.11	3.12	0.0139	0.000355	13.7	0.00246	0.0104	0.0000664	0.00013	0.0000829	0.0594	0.00000202	0.0000831	0.000202	0.00105	0
2050 Sep	0.019	0.00000339	1.11	3.13	0.0139	0.000357	13.7	0.00247	0.0105	0.0000664	0.00013	0.0000831	0.0595	0.00000202	0.0000834	0.000203	0.00105	0
2050 Oct	0.0191	0.00000339	1.11	3.14	0.0139	0.000357	13.8	0.00247	0.0105	0.0000664	0.00013	0.0000832	0.0596	0.00000202	0.0000835	0.000203	0.00105	0
2050 Nov	0.0191	0.00000339	1.11	3.14	0.0139	0.000358	13.8	0.00247	0.0105	0.0000664	0.00013	0.0000832	0.0596	0.00000202	0.0000836	0.000203	0.00105	0
2050 Dec	0.0191	0.00000339	1.11	3.14	0.0139	0.000358	13.8	0.00247	0.0105	0.0000664	0.00013	0.0000832	0.0596	0.00000202	0.0000836	0.000203	0.00105	0
2051 Jan	0.0191	0.00000339	1.11	3.14	0.0139	0.000358	13.8	0.00247	0.0105	0.0000664	0.00013	0.0000832	0.0596	0.00000202	0.0000836	0.000203	0.00105	0
2051 Feb	0.0191	0.00000339	1.11	3.14	0.0139	0.000358	13.8	0.00247	0.0105	0.0000664	0.00013	0.0000832	0.0596	0.00000202	0.0000836	0.000203	0.00105	0
2051 Mar	0.0191	0.00000339	1.11	3.14	0.0139	0.000358	13.8	0.00247	0.0105	0.0000664	0.00013	0.0000832	0.0596	0.00000202	0.0000836	0.000203	0.00106	0
2051 Apr	0.0191	0.0000034	1.11	3.14	0.0139	0.000358	13.8	0.00247	0.0105	0.0000664	0.00013	0.0000832	0.0596	0.00000203	0.0000836	0.000203	0.00106	0
2051 May	0.0191	0.0000034	1.11	3.16	0.014	0.000359	13.8	0.00248	0.0105	0.0000667	0.000131	0.0000834	0.0597	0.00000203	0.0000838	0.000204	0.00106	0
2051 Jun	0.0194	0.00000346	1.11	3.2	0.0143	0.00036	13.7	0.00249	0.0108	0.0000692	0.000132	0.0000837	0.0601	0.00000202	0.0000844	0.000208	0.00106	0
2051 Jul	0.0195	0.00000349	1.11	3.22	0.0144	0.000361	13.7	0.0025	0.0108	0.0000693	0.000133	0.0000839	0.0602	0.00000202	0.0000846	0.000209	0.00106	0
2051 Aug	0.0195	0.0000035	1.11	3.23	0.0144	0.000363	13.7	0.0025	0.0109	0.0000693	0.000133	0.000084	0.0604	0.00000202	0.0000849	0.00021	0.00107	0
2051 Sep	0.0195	0.00000352	1.11	3.24	0.0144	0.000364	13.8	0.00251	0.0109	0.0000692	0.000133	0.0000841	0.0605	0.00000202	0.0000851	0.00021	0.00107	0
2051 Oct	0.0196	0.00000353	1.11	3.25	0.0144	0.000365	13.7	0.00251	0.011	0.0000689	0.000133	0.0000841	0.0605	0.00000202	0.0000853	0.00021	0.00106	0
2051 Nov	0.0196	0.00000354	1.11	3.26	0.0144	0.000366	13.7	0.00251	0.011	0.0000689	0.000133	0.0000841	0.0605	0.00000202	0.0000854	0.00021	0.00106	0
2051 Dec	0.0196	0.00000354	1.11	3.26	0.0144	0.000366	13.7	0.00251	0.011	0.0000689	0.000133	0.0000841	0.0605	0.00000202	0.0000854	0.00021	0.00106	0
2052 Jan	0.0196	0.00000354	1.11	3.26	0.0144	0.000366	13.7	0.00251	0.011	0.0000689	0.000133	0.0000841	0.0605	0.00000202	0.0000854	0.00021	0.00106	0
2052 Feb	0.0196	0.00000354	1.11	3.26	0.0144	0.000366	13.7	0.00251	0.011	0.0000689	0.000133	0.0000841	0.0605	0.00000202	0.0000854	0.00021	0.00106	0
2052 Mar	0.0196	0.00000354	1.11	3.26	0.0144	0.000366	13.7	0.00251	0.011	0.0000689	0.000133	0.0000841	0.0605	0.00000202	0.0000854	0.00021	0.00106	0
2052 Apr	0.0196	0.00000354	1.11	3.26	0.0144	0.000366	13.7	0.00251	0.011	0.0000689	0.000133	0.0000842	0.0605	0.00000202	0.0000855	0.00021	0.00106	0
2052 May	0.0197	0.00000354	1.11	3.26	0.0145	0.000366	13.7	0.00251	0.0111	0.0000696	0.000134	0.0000843	0.0607	0.00000202	0.0000855	0.000211	0.00107	0
2052 Jun	0.0199	0.00000357	1.12	3.27	0.0148	0.000366	13.7	0.00252	0.0112	0.0000719	0.000134	0.0000844	0.061	0.00000202	0.0000856	0.000214	0.00107	0
2052 Jul	0.02	0.00000359	1.12	3.29	0.0148	0.000367	13.7	0.00253	0.0113	0.000072	0.000135	0.0000847	0.0612	0.00000202	0.000086	0.000215	0.00107	0
2052 Aug	0.02	0.00000361	1.12	3.3	0.0149	0.000369	13.8	0.00253	0.0113	0.0000721	0.000135	0.0000849	0.0613	0.00000202	0.0000863	0.000215	0.00107	0
2052 Sep	0.0201	0.00000362	1.12	3.32	0.0149	0.00037	13.8	0.00254	0.0114	0.0000721	0.000135	0.000085	0.0614	0.00000202	0.0000865	0.000215	0.00107	0
2052 Oct	0.0201	0.00000363	1.12	3.33	0.0149	0.000371	13.8	0.00254	0.0114	0.0000721	0.000136	0.0000851	0.0615	0.00000202	0.0000867	0.000215	0.00107	0
2052 Nov	0.0201	0.00000363	1.12	3.33	0.0149	0.000371	13.8	0.00255	0.0114	0.0000721	0.000136	0.0000852	0.0615	0.00000202	0.0000868	0.000216	0.00107	0
2052 Dec	0.0201	0.00000363	1.12	3.33	0.0149	0.000371	13.8	0.00255	0.0114	0.0000721	0.000136	0.0000852	0.0615	0.00000202	0.0000868	0.000216	0.00108	0
2053 Jan	0.0201	0.00000363	1.12	3.33	0.0149	0.000371	13.8	0.00255	0.0114	0.0000721	0.000136	0.0000852	0.0615	0.00000202	0.0000868	0.000216	0.00108	0
2053 Feb	0.0201	0.00000363	1.12	3.33	0.0149	0.000371	13.8	0.00255	0.0114	0.0000721	0.000136	0.0000852	0.0615	0.00000202	0.0000868	0.000216	0.00108	0
2053 Mar	0.0201	0.00000363	1.12	3.33	0.0149	0.000371	13.8	0.00255	0.0114	0.0000721	0.000136	0.0000852	0.0615	0.00000202	0.0000868	0.000216	0.00108	0
2053 Apr	0.0201	0.00000363	1.12	3.33	0.0149	0.000371	13.8	0.00255	0.0114	0.0000721	0.000136	0.0000852	0.0616	0.00000202	0.0000869	0.000216	0.00108	0
2053 May	0.0203	0.00000365	1.13	3.37	0.0151	0.000373	13.8	0.00256	0.0115	0.0000736	0.000137	0.0000856	0.0619	0.00000202	0.0000873	0.000218	0.00108	0
2053 Jun	0.0206	0.0000037	1.13	3.4	0.0156	0.000374	13.8	0.00256	0.0117	0.0000773	0.000138	0.0000859	0.0624	0.00000202	0.0000876	0.000223	0.00108	0
2053 Jul	0.0207	0.00000371	1.13	3.42	0.0156	0.000375	13.8	0.00257	0.0118	0.0000775	0.000138	0.0000862	0.0626	0.00000202	0.000088	0.000224	0.00108	0
2053 Aug	0.0208	0.00000373	1.13	3.44	0.0157	0.000378	13.8	0.00259	0.0118	0.0000777	0.000139	0.0000866	0.0629	0.00000203	0.0000884	0.000225	0.00109	0
2053 Sep	0.0208	0.00000375	1.14	3.48	0.0158	0.00038	13.9	0.0026	0.0118	0.0000778	0.00014	0.000087	0.0631	0.00000203	0.000089	0.000226	0.00109	0
2053 Oct	0.0208	0.00000376	1.14	3.5	0.0158	0.000381	13.9	0.00261	0.0118	0.0000778	0.00014	0.0000872	0.0632	0.00000203	0.0000893	0.000226	0.00109	0
2053 Nov	0.0208	0.00000376	1.14	3.5	0.0158	0.000381	13.9	0.00261	0.0118	0.0000778	0.00014	0.0000872	0.0633	0.00000203	0.0000893	0.000226	0.00109	0
2053 Dec	0.0208	0.00000376	1.14	3.5	0.0158	0.000381	13.9	0.00261	0.0118	0.0000778	0.00014	0.0000872	0.0633	0.00000203	0.0000893	0.000226	0.00109	0
2054 Jan	0.0208	0.00000376	1.14	3.5	0.0158	0.000381	13.9	0.00261	0.0118	0.0000778	0.00014	0.0000872	0.0633	0.00000203	0.0000893	0.000226	0.00109	0
2054 Feb	0.0208	0.00000376	1.14	3.5	0.0158	0.000382	13.9	0.00261	0.0118	0.0000778	0.00014	0.0000872	0.0633	0.00000203	0.0000893	0.000226	0.00109	0
2054 Mar	0.0208	0.00000376	1.14	3.5	0.0158	0.000382	13.9	0.00261	0.0118	0.0000778	0.00014	0.0000872	0.0633	0.00000203	0.0000893	0.000226	0.00109	0
2054 Apr	0.0208	0.00000376	1.14	3.5	0.0158	0.000382	14	0.00261	0.0118	0.0000778	0.00014	0.0000872	0.0633	0.00000203	0.0000894	0.000226	0.00109	0
2054 May	0.0209	0.00000376	1.14	3.51	0.0159	0.000382	14	0.00262	0.0119	0.0000783	0.00014	0.0000873	0.0634	0.00000203	0.0000894	0.000227	0.00109	0
2054 Jun	0.0212	0.0000038	1.14	3.51	0.0162	0.000381	13.9	0.00261	0.0121	0.0000809	0.000141	0.0000873	0.0637	0.00000203	0.0000894	0.000231	0.00109	0
2054 Jul	0.0212	0.00000381	1.14	3.51	0.0162	0.000382	13.9	0.00262	0.0121	0.0000809	0.000141	0.0000874	0.0637	0.00000203	0.0000896	0.000231	0.0011	0
2054 Aug	0.0213	0.00000383	1.14	3.53	0.0162	0.000383	13.9	0.00262	0.0122	0.0000809	0.000142	0.0000876	0.0639	0.00000203	0.0000899	0.000231	0.0011	0
2054 Sep	0.0213	0.00000384	1.14	3.54	0.0163	0.000384	13.9	0.00263	0.0122	0.0000809	0.000142	0.0000878	0.064	0.00000203	0.0000901	0.000232	0.0011	0
2054 Oct	0.0213	0.00000385	1.14	3.55	0.0163	0.000385	13.9	0.00263	0.0122	0.0000808	0.000142	0.0000878	0.064	0.00000203	0.0000902	0.000232	0.0011	0
2054 Nov	0.0213	0.00000385	1.14	3.55	0.0163	0.000385	13.9	0.00263	0.0122	0.0000808	0.000142	0.0000878	0.064	0.00000203	0.0000903	0.000232	0.0011	0
2054 Dec	0.0213	0.00000385	1.14	3.55	0.0163	0.000385	13.9	0.00263	0.0122	0.0000808	0.000142	0.0000878	0.064	0.00000203	0.0000903	0.000232	0.0011	0
2055 Jan	0.0213	0.00000385	1.14	3.55	0.0163	0.000385	13.9	0.00263	0.0122	0.0000808	0.000142	0.0000878	0.064	0.00000203	0.0000903	0.000232	0.0011	0
2055 Feb	0.0213	0.00000385	1.14	3.55	0.0163	0.000385	13.9	0.00263	0.0122	0.0000808	0.000142	0.0000878	0.064	0.00000203	0.0000903	0.000232	0.0011	0
2055 Mar	0.0213	0.00000385	1.14	3.55	0.0163	0.000385	13.9	0.00263	0.0122	0.0000808	0.000142	0.0000878	0.064	0.00000203	0.0000903	0.000232	0.0011	0
2055 Apr	0.0213	0.00000385	1.14	3.55	0.0163	0.000386	13.9	0.00263	0.0122	0.0000808	0.000142	0.0000879	0.064	0.00000203	0.0000903	0.000232	0.0011	0
2055 May	0.0213	0.00000386	1.14	3.56	0.0163	0.000386	13.9	0.00264	0.0122	0.0000808	0.000142	0.0000879	0.0641	0.00000203	0.0000904	0.000232	0.0011	0
2055 Jun	0.0214	0.00000389	1.14	3.56	0.0163	0.000385	13.8	0.00263	0.0124	0.0000807	0.000143	0.0000878	0.064	0.00000202	0.0000904	0.000233	0.0011	0
2055 Jul	0.0214	0.00000392	1.14	3.56	0.0163	0.000386	13.8	0.00264	0.0125	0.0000808	0.000144	0.0000878	0.064	0.00000203	0.0000906	0.000234	0.00111	0
2055 Aug	0.0215	0.00000393	1.14	3.58	0.0164	0.000387	13.8	0.00265	0.0125	0.000081	0.000144	0.0000881	0.0642	0.00000203	0.0000909	0.000235	0.00111	0
2055 Sep	0.0215	0.00000394	1.14	3.59	0.0164	0.000388	13.8	0.00265	0.0126	0.0000809	0.000144	0.0000882	0.0643	0.00000203	0.0000911	0.000235	0.00111	0
2055 Oct	0.0215	0.00000395	1.15	3.6	0.0164	0.000389	13.8	0.00265	0.0126	0.0000809	0.000145	0.0000883	0.0644	0.00000203	0.0000912	0.000235	0.00111	0
2055 Nov	0.0215	0.00000395	1.15	3.6	0.0164	0.000389	13.8	0.00266	0.0126	0.0000809	0.000145	0.0000883	0.0644	0.00000203	0.0000913	0.000235	0.00111	0
2055 Dec	0.0215	0.00000395	1.15	3.6	0.0164	0.000389	13.8	0.00266	0.0126	0.0000809	0.000145	0.0000884	0.0644	0.00000203	0.0000913	0.000235	0.00111	0
2056 Jan	0.0215	0.00000395	1.15	3.6	0.0164	0.000389	13.8	0.00266	0.0126	0.0000809	0.000145	0.0000884	0.0644	0.00000203	0.0000913	0.000235	0.00111	0
2056 Feb	0.0215	0.00000395	1.15	3.6	0.0164	0.000389	13.8	0.00266	0.0126	0.0000809	0.000145	0.0000884	0.0644	0.00000203	0.0000913	0.000235	0.00111	0
2056 Mar	0.0215	0.00000395	1.15	3.6	0.0164	0.000389	13.8	0.00266	0.0126	0.0000809	0.000145	0.0000884	0.0644	0.00000203	0.0000913	0.000235	0.00111	0
2056 Apr	0.0215	0.00000395	1.15	3.6	0.0164	0.000389	13.8	0.00266	0.0126	0.000081	0.000145	0.0000884	0.0644	0.00000203	0.0000914	0.000235	0.00111	0
2056 May	0.0217	0.00000396	1.15	3.61	0.0165	0.00039	13.8	0.00266	0.0127	0.000082	0.000145	0.0000885	0.0646	0.00000203	0.0000914	0.000237	0.00111	0
2056 Jun	0.022	0.00000399	1.15	3.61	0.0169	0.000389	13.7	0.00265	0.0128	0.0000855	0.000145	0.0000885	0.065	0.00000203	0.0000913	0.000241	0.00111	0
2056 Jul	0.0221	0.00000401	1.15	3.62	0.017	0.00039	13.8	0.00267	0.0129	0.0000857	0.000146	0.0000888	0.0652	0.00000203	0.0000917	0.000242	0.00112	0
2056 Aug	0.0222	0.00000403	1.15	3.64	0.017	0.000392	13.8	0.00267	0.013	0.0000858	0.000146	0.0000891	0.0654	0.00000203	0.000092	0.000243	0.00112	0
2056 Sep	0.0222	0.00000404	1.16	3.65	0.0171	0.000393	13.8	0.00268	0.013	0.0000859	0.000147	0.0000893	0.0655	0.00000204	0.0000923	0.000243	0.00112	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0222	0.00000404	1.16	3.67	0.0171	0.000394	13.8	0.00269	0.013	0.0000858	0.000147	0.0000894	0.0656	0.00000204	0.0000925	0.000243	0.00112	0
2056 Nov	0.0222	0.00000405	1.16	3.67	0.0171	0.000394	13.8	0.00269	0.013	0.0000858	0.000147	0.0000894	0.0656	0.00000204	0.0000926	0.000243	0.00112	0
2056 Dec	0.0222	0.00000405	1.16	3.67	0.0171	0.000394	13.8	0.00269	0.013	0.0000858	0.000147	0.0000894	0.0656	0.00000204	0.0000926	0.000243	0.00112	0
2057 Jan	0.0222	0.00000405	1.16	3.67	0.0171	0.000394	13.8	0.00269	0.013	0.0000858	0.000147	0.0000894	0.0656	0.00000204	0.0000926	0.000243	0.00112	0
2057 Feb	0.0222	0.00000405	1.16	3.67	0.0171	0.000394	13.8	0.00269	0.013	0.0000858	0.000147	0.0000894	0.0656	0.00000204	0.0000926	0.000243	0.00112	0
2057 Mar	0.0222	0.00000405	1.16	3.67	0.0171	0.000394	13.8	0.00269	0.013	0.0000858	0.000147	0.0000894	0.0656	0.00000204	0.0000926	0.000243	0.00112	0
2057 Apr	0.0222	0.00000405	1.16	3.67	0.0171	0.000394	13.8	0.00269	0.013	0.0000858	0.000147	0.0000895	0.0656	0.00000204	0.0000926	0.000243	0.00112	0
2057 May	0.0223	0.00000405	1.16	3.68	0.0171	0.000395	13.9	0.00269	0.013	0.0000862	0.000147	0.0000896	0.0657	0.00000204	0.0000927	0.000244	0.00112	0
2057 Jun	0.0225	0.00000409	1.16	3.67	0.0174	0.000393	13.7	0.00268	0.0132	0.0000882	0.000148	0.0000894	0.0659	0.00000203	0.0000925	0.000247	0.00113	0
2057 Jul	0.0226	0.00000411	1.16	3.68	0.0174	0.000394	13.7	0.00269	0.0133	0.0000883	0.000148	0.0000896	0.066	0.00000204	0.0000928	0.000248	0.00113	0
2057 Aug	0.0227	0.00000413	1.16	3.7	0.0175	0.000397	13.8	0.00271	0.0134	0.0000887	0.000149	0.00009	0.0663	0.00000204	0.0000933	0.000249	0.00113	0
2057 Sep	0.0227	0.00000414	1.17	3.73	0.0175	0.000398	13.8	0.00272	0.0134	0.0000888	0.00015	0.0000903	0.0665	0.00000205	0.0000937	0.00025	0.00114	0
2057 Oct	0.0227	0.00000415	1.17	3.75	0.0176	0.0004	13.9	0.00272	0.0134	0.0000887	0.00015	0.0000905	0.0666	0.00000205	0.000094	0.00025	0.00114	0
2057 Nov	0.0227	0.00000415	1.17	3.75	0.0176	0.0004	13.9	0.00273	0.0134	0.0000887	0.00015	0.0000905	0.0666	0.00000205	0.000094	0.00025	0.00114	0
2057 Dec	0.0227	0.00000415	1.17	3.75	0.0176	0.0004	13.9	0.00273	0.0134	0.0000887	0.00015	0.0000905	0.0666	0.00000205	0.0000941	0.00025	0.00114	0
2058 Jan	0.0227	0.00000415	1.17	3.75	0.0176	0.0004	13.9	0.00273	0.0134	0.0000887	0.00015	0.0000905	0.0666	0.00000205	0.0000941	0.00025	0.00114	0
2058 Feb	0.0227	0.00000415	1.17	3.75	0.0176	0.0004	13.9	0.00273	0.0134	0.0000887	0.00015	0.0000905	0.0666	0.00000205	0.0000941	0.00025	0.00114	0
2058 Mar	0.0227	0.00000415	1.17	3.75	0.0176	0.0004	13.9	0.00273	0.0134	0.0000887	0.00015	0.0000905	0.0666	0.00000205	0.0000941	0.00025	0.00114	0
2058 Apr	0.0227	0.00000415	1.17	3.75	0.0176	0.0004	13.9	0.00273	0.0134	0.0000887	0.00015	0.0000906	0.0666	0.00000205	0.0000941	0.00025	0.00114	0
2058 May	0.0229	0.00000417	1.17	3.79	0.0178	0.000402	13.9	0.00274	0.0135	0.0000901	0.000151	0.0000909	0.067	0.00000205	0.0000945	0.000252	0.00114	0
2058 Jun	0.0233	0.00000423	1.17	3.85	0.0184	0.000404	13.8	0.00275	0.0137	0.0000949	0.000152	0.0000914	0.0677	0.00000204	0.0000951	0.000259	0.00114	0
2058 Jul	0.0234	0.00000424	1.18	3.86	0.0184	0.000405	13.8	0.00276	0.0138	0.000095	0.000153	0.0000917	0.0678	0.00000204	0.0000954	0.00026	0.00114	0
2058 Aug	0.0235	0.00000426	1.18	3.88	0.0185	0.000407	13.8	0.00277	0.0138	0.0000952	0.000154	0.000092	0.068	0.00000204	0.0000958	0.00026	0.00115	0
2058 Sep	0.0235	0.00000427	1.18	3.9	0.0185	0.000408	13.8	0.00278	0.0139	0.0000952	0.000154	0.0000922	0.0682	0.00000204	0.0000961	0.000261	0.00115	0
2058 Oct	0.0235	0.00000428	1.18	3.91	0.0185	0.000409	13.8	0.00278	0.0139	0.0000951	0.000154	0.0000923	0.0682	0.00000204	0.0000963	0.000261	0.00115	0
2058 Nov	0.0235	0.00000428	1.18	3.91	0.0185	0.000409	13.8	0.00279	0.0139	0.0000951	0.000154	0.0000923	0.0683	0.00000204	0.0000964	0.000261	0.00115	0
2058 Dec	0.0235	0.00000428	1.18	3.91	0.0185	0.000409	13.8	0.00279	0.0139	0.0000951	0.000154	0.0000923	0.0683	0.00000204	0.0000964	0.000261	0.00115	0
2059 Jan	0.0235	0.00000428	1.18	3.91	0.0185	0.000409	13.8	0.00279	0.0139	0.0000951	0.000154	0.0000923	0.0683	0.00000204	0.0000964	0.000261	0.00115	0
2059 Feb	0.0235	0.00000428	1.18	3.91	0.0185	0.000409	13.8	0.00279	0.0139	0.0000951	0.000154	0.0000923	0.0683	0.00000204	0.0000964	0.000261	0.00115	0
2059 Mar	0.0235	0.00000428	1.18	3.91	0.0185	0.000409	13.8	0.00279	0.0139	0.0000951	0.000154	0.0000923	0.0683	0.00000204	0.0000964	0.000261	0.00115	0
2059 Apr	0.0235	0.00000428	1.18	3.92	0.0185	0.000409	13.8	0.00279	0.0139	0.0000951	0.000154	0.0000923	0.0683	0.00000205	0.0000964	0.000261	0.00115	0
2059 May	0.0236	0.00000429	1.18	3.92	0.0186	0.00041	13.8	0.00279	0.0139	0.0000959	0.000154	0.0000925	0.0685	0.00000205	0.0000965	0.000262	0.00115	0
2059 Jun	0.0239	0.00000432	1.19	3.94	0.019	0.00041	13.8	0.00279	0.0141	0.0000986	0.000155	0.0000927	0.0689	0.00000205	0.0000967	0.000266	0.00115	0
2059 Jul	0.024	0.00000434	1.19	3.96	0.019	0.000412	13.9	0.00281	0.0142	0.000099	0.000156	0.0000931	0.0692	0.00000205	0.0000972	0.000267	0.00116	0
2059 Aug	0.0241	0.00000436	1.19	3.98	0.0191	0.000414	13.9	0.00282	0.0142	0.0000992	0.000156	0.0000935	0.0694	0.00000206	0.0000976	0.000268	0.00116	0
2059 Sep	0.0241	0.00000437	1.2	3.99	0.0191	0.000415	13.9	0.00282	0.0142	0.0000992	0.000157	0.0000936	0.0695	0.00000206	0.0000978	0.000268	0.00116	0
2059 Oct	0.0241	0.00000438	1.19	4	0.0191	0.000416	13.9	0.00282	0.0143	0.0000988	0.000157	0.0000935	0.0695	0.00000206	0.0000979	0.000268	0.00116	0
2059 Nov	0.0241	0.00000438	1.19	4	0.0191	0.000416	13.9	0.00283	0.0143	0.0000988	0.000157	0.0000936	0.0695	0.00000206	0.000098	0.000268	0.00116	0
2059 Dec	0.0241	0.00000438	1.19	4	0.0191	0.000416	13.9	0.00283	0.0143	0.0000988	0.000157	0.0000936	0.0695	0.00000206	0.000098	0.000268	0.00116	0
2060 Jan	0.0241	0.00000438	1.19	4	0.0191	0.000416	13.9	0.00283	0.0143	0.0000988	0.000157	0.0000936	0.0695	0.00000206	0.000098	0.000268	0.00116	0
2060 Feb	0.0241	0.00000438	1.19	4	0.0191	0.000416	13.9	0.00283	0.0143	0.0000988	0.000157	0.0000936	0.0695	0.00000206	0.000098	0.000268	0.00116	0
2060 Mar	0.0241	0.00000438	1.19	4	0.0191	0.000416	13.9	0.00283	0.0143	0.0000988	0.000157	0.0000936	0.0695	0.00000206	0.000098	0.000268	0.00116	0
2060 Apr	0.0241	0.00000438	1.19	4	0.0191	0.000417	13.9	0.00283	0.0143	0.0000988	0.000157	0.0000936	0.0695	0.00000206	0.000098	0.000268	0.00116	0
2060 May	0.0243	0.0000044	1.2	4.02	0.0193	0.000417	13.9	0.00283	0.0144	0.0001	0.000157	0.0000938	0.0698	0.00000206	0.0000982	0.00027	0.00116	0
2060 Jun	0.0246	0.00000443	1.2	4.02	0.0197	0.000416	13.8	0.00283	0.0146	0.000104	0.000158	0.0000939	0.0702	0.00000205	0.0000982	0.000275	0.00116	0
2060 Jul	0.0247	0.00000445	1.2	4.04	0.0198	0.000418	13.8	0.00284	0.0146	0.000104	0.000158	0.0000943	0.0705	0.00000206	0.0000986	0.000276	0.00117	0
2060 Aug	0.0248	0.00000446	1.2	4.05	0.0198	0.00042	13.9	0.00285	0.0147	0.000104	0.000159	0.0000945	0.0707	0.00000206	0.000099	0.000276	0.00117	0
2060 Sep	0.0248	0.00000448	1.2	4.06	0.0198	0.000421	13.8	0.00285	0.0147	0.000104	0.000159	0.0000945	0.0707	0.00000206	0.0000991	0.000276	0.00117	0
2060 Oct	0.0248	0.00000449	1.2	4.08	0.0198	0.000422	13.8	0.00286	0.0148	0.000104	0.000159	0.0000946	0.0707	0.00000206	0.0000994	0.000276	0.00117	0
2060 Nov	0.0248	0.00000449	1.2	4.09	0.0198	0.000423	13.8	0.00286	0.0148	0.000104	0.000159	0.0000947	0.0708	0.00000206	0.0000994	0.000276	0.00117	0
2060 Dec	0.0248	0.00000449	1.2	4.09	0.0198	0.000423	13.8	0.00286	0.0148	0.000104	0.000159	0.0000947	0.0708	0.00000206	0.0000995	0.000276	0.00117	0
2061 Jan	0.0248	0.00000449	1.2	4.09	0.0198	0.000423	13.8	0.00286	0.0148	0.000104	0.000159	0.0000947	0.0708	0.00000206	0.0000995	0.000276	0.00117	0
2061 Feb	0.0248	0.00000449	1.2	4.09	0.0198	0.000423	13.8	0.00286	0.0148	0.000104	0.000159	0.0000947	0.0708	0.00000206	0.0000995	0.000276	0.00117	0
2061 Mar	0.0248	0.00000449	1.2	4.09	0.0198	0.000423	13.8	0.00286	0.0148	0.000104	0.000159	0.0000947	0.0708	0.00000206	0.0000995	0.000276	0.00117	0
2061 Apr	0.0248	0.00000449	1.2	4.09	0.0198	0.000423	13.8	0.00286	0.0148	0.000104	0.000159	0.0000947	0.0708	0.00000206	0.0000995	0.000276	0.00117	0
2061 May	0.025	0.00000451	1.21	4.11	0.0201	0.000424	13.8	0.00287	0.0149	0.000106	0.00016	0.000095	0.0711	0.00000206	0.0000997	0.000279	0.00117	0
2061 Jun	0.0253	0.00000454	1.21	4.13	0.0204	0.000424	13.7	0.00287	0.015	0.000109	0.00016	0.0000951	0.0715	0.00000205	0.0000998	0.000283	0.00117	0
2061 Jul	0.0254	0.00000456	1.21	4.14	0.0205	0.000425	13.7	0.00288	0.0151	0.000109	0.000161	0.0000955	0.0717	0.00000205	0.0001	0.000284	0.00118	0
2061 Aug	0.0255	0.00000458	1.22	4.16	0.0206	0.000427	13.8	0.00289	0.0152	0.000109	0.000162	0.0000958	0.072	0.00000206	0.000101	0.000285	0.00118	0
2061 Sep	0.0255	0.00000459	1.22	4.18	0.0206	0.000429	13.8	0.0029	0.0152	0.000109	0.000162	0.000096	0.0721	0.00000206	0.000101	0.000285	0.00118	0
2061 Oct	0.0255	0.0000046	1.22	4.2	0.0206	0.00043	13.8	0.0029	0.0152	0.000109	0.000162	0.0000961	0.0722	0.00000206	0.000101	0.000285	0.00118	0
2061 Nov	0.0255	0.00000461	1.22	4.21	0.0206	0.00043	13.8	0.00291	0.0152	0.000109	0.000162	0.0000961	0.0722	0.00000206	0.000101	0.000285	0.00118	0
2061 Dec	0.0255	0.00000461	1.22	4.21	0.0206	0.000431	13.8	0.00291	0.0152	0.000109	0.000162	0.0000961	0.0722	0.00000206	0.000101	0.000285	0.00118	0
2062 Jan	0.0255	0.00000461	1.22	4.21	0.0206	0.000431	13.8	0.00291	0.0152	0.000109	0.000162	0.0000961	0.0722	0.00000206	0.000101	0.000285	0.00118	0
2062 Feb	0.0255	0.00000461	1.22	4.21	0.0206	0.000431	13.8	0.00291	0.0152	0.000109	0.000162	0.0000961	0.0722	0.00000206	0.000101	0.000285	0.00118	0
2062 Mar	0.0255	0.00000461	1.22	4.21	0.0206	0.000431	13.8	0.00291	0.0152	0.000109	0.000162	0.0000962	0.0722	0.00000206	0.000101	0.000285	0.00118	0
2062 Apr	0.0255	0.00000461	1.22	4.21	0.0206	0.000431	13.8	0.00291	0.0152	0.000109	0.000162	0.0000962	0.0722	0.00000206	0.000101	0.000285	0.00118	0
2062 May	0.0255	0.00000461	1.22	4.21	0.0206	0.000431	13.8	0.00291	0.0152	0.000109	0.000162	0.0000962	0.0723	0.00000206	0.000101	0.000285	0.00118	0
2062 Jun	0.0255	0.00000464	1.21	4.2	0.0206	0.000429	13.7	0.0029	0.0154	0.000109	0.000163	0.0000959	0.0721	0.00000206	0.000101	0.000286	0.00118	0
2062 Jul	0.0256	0.00000466	1.21	4.2	0.0206	0.00043	13.6	0.0029	0.0155	0.000109	0.000163	0.0000959	0.0721	0.00000206	0.000101	0.000287	0.00119	0
2062 Aug	0.0256	0.00000468	1.21	4.21	0.0206	0.000431	13.7	0.00291	0.0155	0.000109	0.000164	0.0000961	0.0722	0.00000206	0.000102	0.000287	0.00119	0
2062 Sep	0.0256	0.00000469	1.21	4.22	0.0206	0.000432	13.6	0.00291	0.0155	0.000109	0.000164	0.0000962	0.0723	0.00000206	0.000102	0.000287	0.00119	0
2062 Oct	0.0256	0.0000047	1.21	4.23	0.0206	0.000434	13.5	0.00291	0.0156	0.000108	0.000163	0.000096	0.0722	0.00000205	0.000102	0.000286	0.00118	0
2062 Nov	0.0256	0.0000047	1.21	4.23	0.0206	0.000434	13.5	0.00291	0.0156	0.000108	0.000163	0.000096	0.0722	0.00000205	0.000102	0.000286	0.00118	0
2062 Dec	0.0256	0.0000047	1.21	4.24	0.0206	0.000434	13.5	0.00291	0.0156	0.000108	0.000164	0.000096	0.0722	0.00000205	0.000102	0.000286	0.00118	0
2063 Jan	0.0256	0.0000047	1.21	4.24	0.0206	0.000434	13.5	0.00291	0.0156	0.000108	0.000164	0.000096	0.0722	0.00000205	0.000102	0.000286	0.00118	0
2063 Feb	0.0256	0.0000047	1.21	4.24	0.0206	0.000434	13.5	0.00291	0.0156	0.000108	0.000164	0.000096	0.0722	0.00000205	0.000102	0.000286	0.00118	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0256	0.0000047	1.21	4.24	0.0206	0.000434	13.5	0.00291	0.0156	0.000108	0.000164	0.000096	0.0722	0.00000205	0.000102	0.000286	0.00118	0
2063 Apr	0.0256	0.0000047	1.21	4.24	0.0206	0.000434	13.5	0.00291	0.0156	0.000108	0.000164	0.0000961	0.0722	0.00000205	0.000102	0.000286	0.00118	0
2063 May	0.0257	0.00000471	1.21	4.24	0.0207	0.000434	13.5	0.00292	0.0157	0.000109	0.000164	0.0000962	0.0724	0.00000205	0.000102	0.000287	0.00119	0
2063 Jun	0.0262	0.00000474	1.21	4.22	0.0212	0.000431	13.3	0.0029	0.0159	0.000113	0.000164	0.0000959	0.0726	0.00000204	0.000102	0.000293	0.00119	0
2063 Jul	0.0262	0.00000476	1.21	4.23	0.0212	0.000432	13.3	0.0029	0.016	0.000113	0.000164	0.000096	0.0727	0.00000204	0.000102	0.000293	0.00119	0
2063 Aug	0.0263	0.00000478	1.22	4.25	0.0212	0.000434	13.4	0.00291	0.0161	0.000113	0.000165	0.0000964	0.073	0.00000204	0.000102	0.000294	0.00119	0
2063 Sep	0.0263	0.00000479	1.22	4.27	0.0213	0.000435	13.4	0.00292	0.0161	0.000113	0.000165	0.0000966	0.0731	0.00000204	0.000103	0.000295	0.00119	0
2063 Oct	0.0263	0.0000048	1.22	4.28	0.0213	0.000436	13.4	0.00293	0.0161	0.000113	0.000166	0.0000966	0.0731	0.00000204	0.000103	0.000295	0.00119	0
2063 Nov	0.0263	0.0000048	1.22	4.29	0.0213	0.000437	13.4	0.00293	0.0161	0.000113	0.000166	0.0000967	0.0732	0.00000204	0.000103	0.000295	0.00119	0
2063 Dec	0.0263	0.0000048	1.22	4.29	0.0213	0.000437	13.4	0.00293	0.0161	0.000113	0.000166	0.0000967	0.0732	0.00000204	0.000103	0.000295	0.00119	0
2064 Jan	0.0263	0.0000048	1.22	4.29	0.0213	0.000437	13.4	0.00293	0.0161	0.000113	0.000166	0.0000967	0.0732	0.00000204	0.000103	0.000295	0.00119	0
2064 Feb	0.0263	0.0000048	1.22	4.29	0.0213	0.000437	13.4	0.00293	0.0161	0.000113	0.000166	0.0000967	0.0732	0.00000204	0.000103	0.000295	0.00119	0
2064 Mar	0.0263	0.0000048	1.22	4.29	0.0213	0.000437	13.4	0.00293	0.0161	0.000113	0.000166	0.0000967	0.0732	0.00000204	0.000103	0.000295	0.00119	0
2064 Apr	0.0263	0.0000048	1.22	4.29	0.0213	0.000437	13.4	0.00293	0.0161	0.000113	0.000166	0.0000967	0.0732	0.00000204	0.000103	0.000295	0.00119	0
2064 May	0.0265	0.00000482	1.22	4.31	0.0215	0.000438	13.4	0.00294	0.0162	0.000115	0.000166	0.000097	0.0735	0.00000204	0.000103	0.000297	0.0012	0
2064 Jun	0.0269	0.00000485	1.22	4.33	0.0219	0.000438	13.2	0.00294	0.0164	0.000119	0.000167	0.0000971	0.0739	0.00000203	0.000103	0.000302	0.0012	0
2064 Jul	0.0269	0.00000487	1.22	4.34	0.022	0.000439	13.3	0.00295	0.0164	0.000119	0.000167	0.0000974	0.0741	0.00000204	0.000104	0.000303	0.0012	0
2064 Aug	0.027	0.00000489	1.23	4.36	0.0221	0.000441	13.3	0.00295	0.0165	0.000119	0.000168	0.0000977	0.0743	0.00000204	0.000104	0.000303	0.0012	0
2064 Sep	0.027	0.0000049	1.23	4.38	0.0221	0.000442	13.3	0.00296	0.0165	0.000119	0.000168	0.0000978	0.0744	0.00000204	0.000104	0.000303	0.0012	0
2064 Oct	0.027	0.00000491	1.23	4.4	0.0221	0.000444	13.3	0.00297	0.0165	0.000119	0.000169	0.000098	0.0745	0.00000204	0.000105	0.000304	0.0012	0
2064 Nov	0.027	0.00000491	1.23	4.41	0.0221	0.000444	13.3	0.00297	0.0165	0.000119	0.000169	0.0000981	0.0746	0.00000204	0.000105	0.000304	0.0012	0
2064 Dec	0.027	0.00000491	1.23	4.41	0.0221	0.000444	13.3	0.00297	0.0165	0.000119	0.000169	0.0000981	0.0746	0.00000204	0.000105	0.000304	0.0012	0
2065 Jan	0.027	0.00000491	1.23	4.41	0.0221	0.000444	13.3	0.00297	0.0165	0.000119	0.000169	0.0000981	0.0746	0.00000204	0.000105	0.000304	0.0012	0
2065 Feb	0.027	0.00000492	1.23	4.41	0.0221	0.000444	13.3	0.00297	0.0165	0.000119	0.000169	0.0000981	0.0746	0.00000204	0.000105	0.000304	0.0012	0
2065 Mar	0.027	0.00000492	1.23	4.41	0.0221	0.000444	13.3	0.00297	0.0166	0.000119	0.000169	0.0000981	0.0746	0.00000204	0.000105	0.000304	0.0012	0
2065 Apr	0.027	0.00000492	1.23	4.41	0.0221	0.000444	13.3	0.00298	0.0166	0.000119	0.000169	0.0000981	0.0746	0.00000204	0.000105	0.000304	0.0012	0
2065 May	0.0272	0.00000493	1.23	4.43	0.0223	0.000445	13.3	0.00298	0.0166	0.00012	0.000169	0.0000984	0.0749	0.00000204	0.000105	0.000306	0.00121	0
2065 Jun	0.0274	0.00000496	1.23	4.43	0.0226	0.000444	13.2	0.00298	0.0168	0.000123	0.00017	0.0000984	0.0751	0.00000204	0.000105	0.000309	0.00121	0
2065 Jul	0.0275	0.00000498	1.24	4.45	0.0227	0.000446	13.2	0.00299	0.0169	0.000123	0.00017	0.0000988	0.0754	0.00000204	0.000105	0.00031	0.00121	0
2065 Aug	0.0276	0.000005	1.24	4.48	0.0228	0.000449	13.3	0.003	0.0169	0.000123	0.000171	0.0000992	0.0757	0.00000205	0.000106	0.000311	0.00121	0
2065 Sep	0.0276	0.00000501	1.24	4.49	0.0228	0.00045	13.2	0.00301	0.0169	0.000123	0.000171	0.0000993	0.0757	0.00000205	0.000106	0.000311	0.00121	0
2065 Oct	0.0276	0.00000502	1.24	4.51	0.0227	0.000452	13.2	0.00301	0.017	0.000122	0.000171	0.0000992	0.0757	0.00000204	0.000106	0.000311	0.00121	0
2065 Nov	0.0276	0.00000503	1.24	4.51	0.0227	0.000452	13.2	0.00301	0.017	0.000122	0.000171	0.0000992	0.0757	0.00000204	0.000106	0.000311	0.00121	0
2065 Dec	0.0276	0.00000503	1.24	4.51	0.0227	0.000452	13.2	0.00301	0.017	0.000122	0.000171	0.0000992	0.0757	0.00000204	0.000106	0.000311	0.00121	0
2066 Jan	0.0276	0.00000503	1.24	4.51	0.0227	0.000452	13.2	0.00301	0.017	0.000122	0.000171	0.0000992	0.0757	0.00000204	0.000106	0.000311	0.00121	0
2066 Feb	0.0276	0.00000503	1.24	4.51	0.0227	0.000452	13.2	0.00301	0.017	0.000122	0.000171	0.0000992	0.0757	0.00000204	0.000106	0.000311	0.00121	0
2066 Mar	0.0276	0.00000503	1.24	4.51	0.0227	0.000452	13.2	0.00301	0.017	0.000122	0.000171	0.0000992	0.0757	0.00000204	0.000106	0.000311	0.00121	0
2066 Apr	0.0276	0.00000503	1.24	4.52	0.0227	0.000452	13.2	0.00301	0.017	0.000122	0.000171	0.0000992	0.0757	0.00000204	0.000106	0.000311	0.00121	0
2066 May	0.0276	0.00000503	1.24	4.52	0.0227	0.000453	13.2	0.00302	0.017	0.000123	0.000171	0.0000993	0.0758	0.00000204	0.000106	0.000311	0.00121	0
2066 Jun	0.0278	0.00000506	1.24	4.5	0.0229	0.00045	13	0.003	0.0172	0.000124	0.000172	0.000099	0.0758	0.00000203	0.000106	0.000313	0.00121	0
2066 Jul	0.0279	0.00000509	1.24	4.52	0.023	0.000453	13.1	0.00302	0.0173	0.000124	0.000173	0.0000994	0.0761	0.00000204	0.000107	0.000315	0.00122	0
2066 Aug	0.028	0.00000511	1.24	4.55	0.0231	0.000455	13.1	0.00303	0.0174	0.000125	0.000173	0.0000998	0.0763	0.00000205	0.000107	0.000316	0.00122	0
2066 Sep	0.028	0.00000512	1.24	4.56	0.0231	0.000456	13.1	0.00304	0.0174	0.000125	0.000174	0.0001	0.0765	0.00000205	0.000107	0.000316	0.00122	0
2066 Oct	0.028	0.00000513	1.24	4.58	0.0231	0.000457	13.1	0.00304	0.0174	0.000124	0.000174	0.0001	0.0765	0.00000205	0.000108	0.000316	0.00122	0
2066 Nov	0.028	0.00000513	1.24	4.58	0.0231	0.000458	13.1	0.00305	0.0174	0.000124	0.000174	0.0001	0.0765	0.00000204	0.000108	0.000316	0.00122	0
2066 Dec	0.028	0.00000513	1.24	4.58	0.0231	0.000458	13.1	0.00305	0.0174	0.000124	0.000174	0.0001	0.0765	0.00000204	0.000108	0.000316	0.00122	0
2067 Jan	0.028	0.00000513	1.24	4.58	0.0231	0.000458	13.1	0.00305	0.0174	0.000124	0.000174	0.0001	0.0765	0.00000204	0.000108	0.000316	0.00122	0
2067 Feb	0.028	0.00000513	1.24	4.59	0.0231	0.000458	13.1	0.00305	0.0174	0.000124	0.000174	0.0001	0.0765	0.00000204	0.000108	0.000316	0.00122	0
2067 Mar	0.028	0.00000513	1.24	4.59	0.0231	0.000458	13.1	0.00305	0.0174	0.000124	0.000174	0.0001	0.0765	0.00000205	0.000108	0.000316	0.00122	0
2067 Apr	0.028	0.00000514	1.24	4.59	0.0231	0.000458	13.1	0.00305	0.0174	0.000124	0.000174	0.0001	0.0766	0.00000205	0.000108	0.000316	0.00122	0
2067 May	0.0282	0.00000515	1.25	4.59	0.0232	0.000458	13.1	0.00305	0.0175	0.000125	0.000174	0.0001	0.0768	0.00000205	0.000108	0.000318	0.00123	0
2067 Jun	0.0284	0.00000516	1.25	4.59	0.0235	0.000457	13	0.00304	0.0176	0.000128	0.000174	0.0001	0.077	0.00000204	0.000108	0.000321	0.00123	0
2067 Jul	0.0285	0.00000519	1.25	4.61	0.0236	0.000459	13.1	0.00306	0.0177	0.000128	0.000175	0.000101	0.0773	0.00000205	0.000108	0.000322	0.00123	0
2067 Aug	0.0286	0.00000521	1.25	4.63	0.0237	0.000461	13.1	0.00307	0.0178	0.000129	0.000176	0.000101	0.0775	0.00000205	0.000109	0.000323	0.00123	0
2067 Sep	0.0286	0.00000522	1.26	4.65	0.0237	0.000462	13.1	0.00308	0.0178	0.000129	0.000176	0.000101	0.0777	0.00000205	0.000109	0.000323	0.00123	0
2067 Oct	0.0286	0.00000523	1.26	4.66	0.0237	0.000463	13.1	0.00308	0.0178	0.000128	0.000176	0.000101	0.0777	0.00000205	0.000109	0.000323	0.00123	0
2067 Nov	0.0286	0.00000523	1.26	4.66	0.0237	0.000464	13.1	0.00308	0.0178	0.000128	0.000176	0.000101	0.0777	0.00000205	0.000109	0.000323	0.00123	0
2067 Dec	0.0286	0.00000523	1.26	4.67	0.0237	0.000464	13.1	0.00308	0.0178	0.000128	0.000176	0.000101	0.0777	0.00000205	0.000109	0.000323	0.00123	0
2068 Jan	0.0286	0.00000523	1.26	4.67	0.0237	0.000464	13.1	0.00308	0.0178	0.000128	0.000176	0.000101	0.0777	0.00000205	0.000109	0.000323	0.00123	0
2068 Feb	0.0286	0.00000523	1.26	4.67	0.0237	0.000464	13.1	0.00308	0.0178	0.000128	0.000176	0.000101	0.0777	0.00000205	0.000109	0.000323	0.00123	0
2068 Mar	0.0286	0.00000523	1.26	4.67	0.0237	0.000464	13.1	0.00308	0.0178	0.000128	0.000176	0.000101	0.0777	0.00000205	0.000109	0.000323	0.00123	0
2068 Apr	0.0286	0.00000524	1.26	4.67	0.0237	0.000464	13.1	0.00308	0.0179	0.000128	0.000176	0.000101	0.0777	0.00000205	0.000109	0.000323	0.00123	0
2068 May	0.0288	0.00000525	1.26	4.68	0.0238	0.000464	13.1	0.00309	0.0179	0.000129	0.000177	0.000101	0.0779	0.00000205	0.000109	0.000325	0.00124	0
2068 Jun	0.0291	0.00000527	1.26	4.66	0.0242	0.000462	12.9	0.00307	0.0181	0.000133	0.000177	0.000101	0.0781	0.00000204	0.000109	0.000329	0.00123	0
2068 Jul	0.0292	0.00000529	1.26	4.68	0.0242	0.000464	12.9	0.00308	0.0182	0.000133	0.000177	0.000101	0.0783	0.00000204	0.000109	0.00033	0.00124	0
2068 Aug	0.0293	0.00000531	1.26	4.71	0.0243	0.000466	13	0.0031	0.0182	0.000134	0.000178	0.000102	0.0786	0.00000205	0.00011	0.000331	0.00124	0
2068 Sep	0.0293	0.00000532	1.26	4.72	0.0244	0.000467	13	0.0031	0.0183	0.000133	0.000178	0.000102	0.0787	0.00000205	0.00011	0.000331	0.00124	0
2068 Oct	0.0293	0.00000533	1.26	4.73	0.0244	0.000468	13	0.00311	0.0183	0.000133	0.000179	0.000102	0.0788	0.00000205	0.00011	0.000331	0.00124	0
2068 Nov	0.0293	0.00000533	1.26	4.73	0.0244	0.000468	13	0.00311	0.0183	0.000133	0.000179	0.000102	0.0788	0.00000205	0.00011	0.000331	0.00124	0
2068 Dec	0.0293	0.00000533	1.26	4.73	0.0244	0.000468	13	0.00311	0.0183	0.000133	0.000179	0.000102	0.0788	0.00000205	0.00011	0.000331	0.00124	0
2069 Jan	0.0293	0.00000533	1.26	4.73	0.0244	0.000468	13	0.00311	0.0183	0.000133	0.000179	0.000102	0.0788	0.00000205	0.00011	0.000331	0.00124	0
2069 Feb	0.0293	0.00000533	1.26	4.73	0.0244	0.000468	13	0.00311	0.0183	0.000133	0.000179	0.000102	0.0788	0.00000205	0.00011	0.000331	0.00124	0
2069 Mar	0.0293	0.00000533	1.26	4.73	0.0244	0.000468	13	0.00311	0.0183	0.000133	0.000179	0.000102	0.0788	0.00000205	0.00011	0.000331	0.00124	0
2069 Apr	0.0293	0.00000533	1.26	4.73	0.0244	0.000468	13	0.00311	0.0183	0.000133	0.000179	0.000102	0.0788	0.00000205	0.00011	0.000331	0.00124	0
2069 May	0.0293	0.00000534	1.27	4.74	0.0244	0.000469	13	0.00311	0.0183	0.000134	0.000179	0.000102	0.0789	0.00000205	0.00011	0.000332	0.00125	0
2069 Jun	0.0294	0.00000536	1.26	4.72	0.0245	0.000467	12.9	0.0031	0.0185	0.000134	0.000179	0.000102	0.0788	0.00000205	0.00011	0.000334	0.00125	0
2069 Jul	0.0295	0.00000539	1.27	4.74	0.0245	0.000469	12.9	0.00311	0.0185	0.000135	0.00018	0.000102	0.0791	0.00000205	0.000111	0.000335	0.00125	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0296	0.00000541	1.27	4.76	0.0246	0.000471	12.9	0.00312	0.0186	0.000135	0.000181	0.000103	0.0793	0.00000206	0.000111	0.000335	0.00125	0
2069 Sep	0.0296	0.00000541	1.27	4.77	0.0246	0.000471	12.9	0.00313	0.0186	0.000134	0.00018	0.000103	0.0793	0.00000205	0.000111	0.000335	0.00125	0
2069 Oct	0.0295	0.00000542	1.27	4.76	0.0245	0.000472	12.9	0.00312	0.0187	0.000134	0.00018	0.000102	0.0792	0.00000205	0.000111	0.000334	0.00125	0
2069 Nov	0.0296	0.00000542	1.27	4.76	0.0245	0.000472	12.8	0.00312	0.0187	0.000134	0.00018	0.000102	0.0792	0.00000205	0.000111	0.000334	0.00125	0
2069 Dec	0.0296	0.00000542	1.27	4.77	0.0245	0.000472	12.8	0.00312	0.0187	0.000134	0.00018	0.000102	0.0792	0.00000205	0.000111	0.000334	0.00125	0
2070 Jan	0.0296	0.00000542	1.27	4.77	0.0245	0.000472	12.8	0.00312	0.0187	0.000134	0.00018	0.000102	0.0792	0.00000205	0.000111	0.000334	0.00125	0
2070 Feb	0.0296	0.00000542	1.27	4.77	0.0245	0.000472	12.8	0.00312	0.0187	0.000134	0.00018	0.000102	0.0792	0.00000205	0.000111	0.000334	0.00125	0
2070 Mar	0.0296	0.00000542	1.27	4.77	0.0245	0.000472	12.8	0.00312	0.0187	0.000134	0.00018	0.000102	0.0792	0.00000205	0.000111	0.000334	0.00125	0
2070 Apr	0.0296	0.00000542	1.27	4.77	0.0245	0.000472	12.9	0.00312	0.0187	0.000134	0.00018	0.000102	0.0792	0.00000205	0.000111	0.000334	0.00125	0
2070 May	0.0297	0.00000543	1.27	4.77	0.0246	0.000472	12.9	0.00312	0.0187	0.000135	0.00018	0.000103	0.0794	0.00000205	0.000111	0.000336	0.00125	0
2070 Jun	0.03	0.00000545	1.27	4.76	0.0249	0.000471	12.8	0.00312	0.0189	0.000138	0.000181	0.000103	0.0797	0.00000205	0.000111	0.000339	0.00125	0
2070 Jul	0.0301	0.00000547	1.27	4.78	0.025	0.000473	12.8	0.00313	0.019	0.000138	0.000181	0.000103	0.0799	0.00000205	0.000112	0.00034	0.00126	0
2070 Aug	0.0301	0.00000549	1.28	4.8	0.0251	0.000475	12.8	0.00314	0.019	0.000138	0.000182	0.000103	0.0801	0.00000206	0.000112	0.000341	0.00126	0
2070 Sep	0.0301	0.0000055	1.28	4.81	0.0251	0.000476	12.8	0.00314	0.019	0.000138	0.000182	0.000103	0.0802	0.00000205	0.000112	0.000341	0.00126	0
2070 Oct	0.0301	0.0000055	1.27	4.81	0.025	0.000476	12.8	0.00314	0.0191	0.000138	0.000182	0.000103	0.0801	0.00000205	0.000112	0.00034	0.00126	0
2070 Nov	0.0301	0.00000551	1.27	4.81	0.0251	0.000476	12.8	0.00314	0.0191	0.000138	0.000182	0.000103	0.0801	0.00000205	0.000112	0.00034	0.00126	0
2070 Dec	0.0301	0.00000551	1.27	4.81	0.0251	0.000476	12.8	0.00314	0.0191	0.000138	0.000182	0.000103	0.0801	0.00000205	0.000112	0.00034	0.00126	0
2071 Jan	0.0301	0.00000551	1.27	4.81	0.0251	0.000476	12.8	0.00314	0.0191	0.000138	0.000182	0.000103	0.0801	0.00000205	0.000112	0.00034	0.00126	0
2071 Feb	0.0301	0.00000551	1.27	4.81	0.0251	0.000476	12.8	0.00314	0.0191	0.000138	0.000182	0.000103	0.0801	0.00000205	0.000112	0.00034	0.00126	0
2071 Mar	0.0301	0.00000551	1.27	4.81	0.0251	0.000476	12.8	0.00314	0.0191	0.000138	0.000182	0.000103	0.0801	0.00000205	0.000112	0.00034	0.00126	0
2071 Apr	0.0301	0.00000551	1.27	4.82	0.0251	0.000476	12.8	0.00315	0.0191	0.000138	0.000182	0.000103	0.0802	0.00000205	0.000112	0.00034	0.00126	0
2071 May	0.0302	0.00000551	1.28	4.82	0.0252	0.000476	12.8	0.00314	0.0191	0.000139	0.000182	0.000103	0.0803	0.00000205	0.000112	0.000342	0.00126	0
2071 Jun	0.0305	0.00000553	1.27	4.8	0.0255	0.000474	12.7	0.00313	0.0193	0.000142	0.000182	0.000103	0.0805	0.00000204	0.000112	0.000345	0.00126	0
2071 Jul	0.0306	0.00000555	1.28	4.81	0.0255	0.000475	12.7	0.00314	0.0193	0.000142	0.000182	0.000103	0.0806	0.00000205	0.000112	0.000346	0.00126	0
2071 Aug	0.0307	0.00000557	1.28	4.83	0.0256	0.000477	12.7	0.00315	0.0194	0.000142	0.000183	0.000104	0.0808	0.00000205	0.000112	0.000347	0.00127	0
2071 Sep	0.0306	0.00000557	1.28	4.83	0.0256	0.000478	12.7	0.00315	0.0194	0.000142	0.000183	0.000104	0.0809	0.00000205	0.000113	0.000346	0.00126	0
2071 Oct	0.0306	0.00000558	1.28	4.83	0.0255	0.000478	12.7	0.00315	0.0194	0.000141	0.000183	0.000104	0.0808	0.00000205	0.000113	0.000346	0.00126	0
2071 Nov	0.0306	0.00000558	1.28	4.84	0.0255	0.000478	12.7	0.00315	0.0195	0.000141	0.000183	0.000104	0.0809	0.00000205	0.000113	0.000346	0.00126	0
2071 Dec	0.0306	0.00000558	1.28	4.84	0.0255	0.000479	12.7	0.00315	0.0195	0.000141	0.000183	0.000104	0.0809	0.00000205	0.000113	0.000346	0.00126	0
2072 Jan	0.0306	0.00000558	1.28	4.84	0.0255	0.000479	12.7	0.00315	0.0195	0.000141	0.000183	0.000104	0.0809	0.00000205	0.000113	0.000346	0.00126	0
2072 Feb	0.0306	0.00000558	1.28	4.84	0.0255	0.000479	12.7	0.00315	0.0195	0.000141	0.000183	0.000104	0.0809	0.00000205	0.000113	0.000346	0.00126	0
2072 Mar	0.0306	0.00000558	1.28	4.84	0.0255	0.000479	12.7	0.00315	0.0195	0.000141	0.000183	0.000104	0.0809	0.00000205	0.000113	0.000346	0.00126	0
2072 Apr	0.0307	0.00000558	1.28	4.84	0.0255	0.000479	12.7	0.00315	0.0195	0.000141	0.000183	0.000104	0.0809	0.00000205	0.000113	0.000346	0.00126	0
2072 May	0.0307	0.00000559	1.28	4.84	0.0256	0.000479	12.7	0.00316	0.0195	0.000141	0.000183	0.000104	0.081	0.00000205	0.000113	0.000347	0.00127	0
2072 Jun	0.0307	0.00000561	1.28	4.83	0.0255	0.000478	12.6	0.00315	0.0196	0.000141	0.000183	0.000103	0.0808	0.00000205	0.000113	0.000347	0.00127	0
2072 Jul	0.0308	0.00000563	1.28	4.84	0.0256	0.000479	12.6	0.00316	0.0197	0.000141	0.000184	0.000104	0.081	0.00000205	0.000113	0.000348	0.00127	0
2072 Aug	0.0308	0.00000564	1.28	4.84	0.0256	0.00048	12.6	0.00316	0.0197	0.000141	0.000184	0.000104	0.081	0.00000205	0.000113	0.000348	0.00127	0
2072 Sep	0.0308	0.00000565	1.28	4.85	0.0256	0.000481	12.6	0.00316	0.0197	0.000141	0.000184	0.000104	0.081	0.00000205	0.000113	0.000347	0.00127	0
2072 Oct	0.0308	0.00000565	1.28	4.84	0.0255	0.000481	12.6	0.00316	0.0198	0.00014	0.000184	0.000104	0.0809	0.00000205	0.000113	0.000347	0.00127	0
2072 Nov	0.0308	0.00000565	1.28	4.85	0.0255	0.000481	12.6	0.00316	0.0198	0.00014	0.000184	0.000104	0.081	0.00000205	0.000113	0.000347	0.00127	0
2072 Dec	0.0308	0.00000566	1.28	4.85	0.0255	0.000481	12.6	0.00316	0.0198	0.00014	0.000184	0.000104	0.081	0.00000205	0.000113	0.000347	0.00127	0
2073 Jan	0.0308	0.00000566	1.28	4.85	0.0255	0.000481	12.6	0.00316	0.0198	0.00014	0.000184	0.000104	0.081	0.00000205	0.000113	0.000347	0.00127	0
2073 Feb	0.0308	0.00000566	1.28	4.85	0.0255	0.000481	12.6	0.00316	0.0198	0.00014	0.000184	0.000104	0.081	0.00000205	0.000113	0.000347	0.00127	0
2073 Mar	0.0308	0.00000566	1.28	4.85	0.0255	0.000481	12.6	0.00316	0.0198	0.00014	0.000184	0.000104	0.081	0.00000205	0.000113	0.000347	0.00127	0
2073 Apr	0.0308	0.00000566	1.28	4.85	0.0255	0.000482	12.6	0.00316	0.0198	0.00014	0.000184	0.000104	0.081	0.00000205	0.000113	0.000347	0.00127	0
2073 May	0.0309	0.00000567	1.28	4.87	0.0257	0.000482	12.6	0.00317	0.0199	0.000142	0.000184	0.000104	0.0813	0.00000205	0.000113	0.000349	0.00127	0
2073 Jun	0.0312	0.0000057	1.28	4.88	0.026	0.000482	12.5	0.00317	0.02	0.000145	0.000185	0.000104	0.0816	0.00000204	0.000113	0.000353	0.00127	0
2073 Jul	0.0313	0.00000571	1.29	4.89	0.0261	0.000483	12.5	0.00318	0.0201	0.000145	0.000185	0.000104	0.0818	0.00000205	0.000114	0.000353	0.00128	0
2073 Aug	0.0314	0.00000573	1.29	4.91	0.0261	0.000485	12.5	0.00319	0.0201	0.000145	0.000186	0.000105	0.082	0.00000205	0.000114	0.000354	0.00128	0
2073 Sep	0.0314	0.00000574	1.29	4.92	0.0262	0.000486	12.5	0.00319	0.0201	0.000145	0.000186	0.000105	0.0821	0.00000205	0.000114	0.000354	0.00128	0
2073 Oct	0.0314	0.00000574	1.29	4.92	0.0261	0.000487	12.5	0.00319	0.0202	0.000145	0.000186	0.000105	0.0821	0.00000205	0.000114	0.000354	0.00128	0
2073 Nov	0.0314	0.00000575	1.29	4.93	0.0261	0.000487	12.5	0.00319	0.0202	0.000145	0.000186	0.000105	0.0821	0.00000205	0.000115	0.000354	0.00128	0
2073 Dec	0.0314	0.00000575	1.29	4.93	0.0261	0.000487	12.5	0.00319	0.0202	0.000145	0.000186	0.000105	0.0821	0.00000205	0.000115	0.000354	0.00128	0
2074 Jan	0.0314	0.00000575	1.29	4.93	0.0261	0.000487	12.5	0.00319	0.0202	0.000145	0.000186	0.000105	0.0821	0.00000205	0.000115	0.000354	0.00128	0
2074 Feb	0.0314	0.00000575	1.29	4.93	0.0261	0.000487	12.5	0.00319	0.0202	0.000145	0.000186	0.000105	0.0821	0.00000205	0.000115	0.000354	0.00128	0
2074 Mar	0.0314	0.00000575	1.29	4.93	0.0261	0.000487	12.5	0.00319	0.0202	0.000145	0.000186	0.000105	0.0821	0.00000205	0.000115	0.000354	0.00128	0
2074 Apr	0.0314	0.00000575	1.29	4.93	0.0261	0.000487	12.5	0.00319	0.0202	0.000145	0.000186	0.000105	0.0821	0.00000205	0.000115	0.000354	0.00128	0
2074 May	0.0316	0.00000577	1.29	4.95	0.0264	0.000488	12.5	0.0032	0.0203	0.000147	0.000187	0.000105	0.0825	0.00000205	0.000115	0.000357	0.00128	0
2074 Jun	0.0319	0.00000579	1.29	4.96	0.0268	0.000487	12.3	0.00319	0.0204	0.00015	0.000187	0.000105	0.0828	0.00000204	0.000115	0.000361	0.00128	0
2074 Jul	0.032	0.00000581	1.3	4.98	0.0269	0.000489	12.4	0.00321	0.0205	0.000151	0.000188	0.000105	0.083	0.00000205	0.000115	0.000362	0.00128	0
2074 Aug	0.0321	0.00000583	1.3	5	0.027	0.000491	12.4	0.00322	0.0206	0.000151	0.000188	0.000106	0.0834	0.00000205	0.000116	0.000363	0.00129	0
2074 Sep	0.0321	0.00000585	1.3	5.02	0.027	0.000493	12.4	0.00323	0.0206	0.000151	0.000189	0.000106	0.0834	0.00000205	0.000116	0.000363	0.00129	0
2074 Oct	0.0321	0.00000585	1.3	5.04	0.027	0.000494	12.4	0.00323	0.0206	0.000151	0.000189	0.000106	0.0835	0.00000205	0.000116	0.000363	0.00129	0
2074 Nov	0.0321	0.00000586	1.3	5.05	0.027	0.000495	12.4	0.00324	0.0206	0.00015	0.000189	0.000106	0.0835	0.00000205	0.000116	0.000363	0.00129	0
2074 Dec	0.0321	0.00000586	1.3	5.06	0.027	0.000495	12.4	0.00324	0.0206	0.00015	0.000189	0.000106	0.0836	0.00000205	0.000116	0.000363	0.00129	0
2075 Jan	0.0321	0.00000586	1.3	5.06	0.027	0.000495	12.4	0.00324	0.0206	0.00015	0.000189	0.000106	0.0836	0.00000205	0.000116	0.000363	0.00129	0
2075 Feb	0.0321	0.00000586	1.3	5.06	0.027	0.000495	12.4	0.00324	0.0206	0.00015	0.000189	0.000106	0.0836	0.00000205	0.000116	0.000363	0.00129	0
2075 Mar	0.0321	0.00000586	1.3	5.06	0.027	0.000495	12.4	0.00324	0.0206	0.00015	0.000189	0.000106	0.0836	0.00000205	0.000116	0.000363	0.00129	0
2075 Apr	0.0321	0.00000586	1.3	5.06	0.027	0.000495	12.4	0.00324	0.0206	0.000151	0.000189	0.000106	0.0836	0.00000205	0.000117	0.000363	0.00129	0
2075 May	0.0322	0.00000587	1.3	5.08	0.0271	0.000497	12.4	0.00325	0.0207	0.000151	0.00019	0.000106	0.0838	0.00000205	0.000117	0.000364	0.00129	0
2075 Jun	0.0321	0.00000589	1.3	5.05	0.027	0.000494	12.3	0.00324	0.0207	0.00015	0.00019	0.000106	0.0835	0.00000205	0.000116	0.000364	0.00129	0
2075 Jul	0.0322	0.00000591	1.3	5.06	0.027	0.000495	12.3	0.00324	0.0208	0.00015	0.00019	0.000106	0.0835	0.00000205	0.000117	0.000365	0.00129	0
2075 Aug	0.0323	0.00000593	1.3	5.07	0.027	0.000496	12.3	0.00325	0.0209	0.000151	0.000191	0.000106	0.0837	0.00000205	0.000117	0.000366	0.0013	0
2075 Sep	0.0323	0.00000594	1.3	5.08	0.0271	0.000497	12.3	0.00326	0.0209	0.000151	0.000191	0.000106	0.0838	0.00000205	0.000117	0.000366	0.0013	0
2075 Oct	0.0323	0.00000594	1.3	5.09	0.0271	0.000498	12.3	0.00326	0.0209	0.00015	0.000191	0.000106	0.0839	0.00000205	0.000117	0.000366	0.0013	0
2075 Nov	0.0323	0.00000594	1.3	5.09	0.0271	0.000498	12.3	0.00326	0.0209	0.00015	0.000191	0.000107	0.0839	0.00000205	0.000117	0.000366	0.0013	0
2075 Dec	0.0323	0.00000594	1.3	5.09	0.0271	0.000498	12.3	0.00326	0.0209	0.00015	0.000191	0.000107	0.0839	0.00000205	0.000117	0.000366	0.0013	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0323	0.00000594	1.3	5.09	0.0271	0.000498	12.3	0.00326	0.0209	0.00015	0.000191	0.000107	0.0839	0.00000205	0.000117	0.000366	0.0013	0
2076 Feb	0.0323	0.00000594	1.3	5.09	0.0271	0.000498	12.3	0.00326	0.0209	0.00015	0.000191	0.000107	0.0839	0.00000205	0.000117	0.000366	0.0013	0
2076 Mar	0.0323	0.00000594	1.3	5.09	0.0271	0.000498	12.3	0.00326	0.0209	0.00015	0.000191	0.000107	0.0839	0.00000205	0.000117	0.000366	0.0013	0
2076 Apr	0.0323	0.00000595	1.3	5.1	0.0271	0.000499	12.3	0.00326	0.0209	0.00015	0.000191	0.000107	0.0839	0.00000205	0.000117	0.000366	0.0013	0
2076 May	0.0324	0.00000596	1.31	5.1	0.0272	0.000499	12.3	0.00326	0.021	0.000152	0.000191	0.000107	0.0841	0.00000206	0.000117	0.000368	0.0013	0
2076 Jun	0.0327	0.00000597	1.3	5.08	0.0275	0.000496	12.2	0.00325	0.0211	0.000155	0.000191	0.000106	0.0843	0.00000205	0.000117	0.000371	0.0013	0
2076 Jul	0.0328	0.00000598	1.31	5.09	0.0276	0.000497	12.2	0.00325	0.0212	0.000155	0.000192	0.000107	0.0844	0.00000205	0.000117	0.000372	0.0013	0
2076 Aug	0.0329	0.00000601	1.31	5.11	0.0277	0.000499	12.3	0.00327	0.0213	0.000155	0.000192	0.000107	0.0847	0.00000206	0.000118	0.000373	0.00131	0
2076 Sep	0.0329	0.00000602	1.31	5.12	0.0277	0.0005	12.3	0.00327	0.0213	0.000155	0.000193	0.000107	0.0848	0.00000206	0.000118	0.000374	0.00131	0
2076 Oct	0.0329	0.00000602	1.31	5.13	0.0277	0.000501	12.3	0.00327	0.0213	0.000155	0.000193	0.000107	0.0848	0.00000206	0.000118	0.000373	0.00131	0
2076 Nov	0.0329	0.00000602	1.31	5.13	0.0277	0.000501	12.3	0.00328	0.0213	0.000155	0.000193	0.000107	0.0848	0.00000206	0.000118	0.000373	0.00131	0
2076 Dec	0.0329	0.00000602	1.31	5.13	0.0277	0.000501	12.3	0.00328	0.0213	0.000155	0.000193	0.000107	0.0848	0.00000206	0.000118	0.000373	0.00131	0
2077 Jan	0.0329	0.00000602	1.31	5.13	0.0277	0.000501	12.3	0.00328	0.0213	0.000155	0.000193	0.000107	0.0848	0.00000206	0.000118	0.000373	0.00131	0
2077 Feb	0.0329	0.00000602	1.31	5.13	0.0277	0.000501	12.3	0.00328	0.0213	0.000155	0.000193	0.000107	0.0848	0.00000206	0.000118	0.000373	0.00131	0
2077 Mar	0.0329	0.00000602	1.31	5.13	0.0277	0.000501	12.3	0.00328	0.0213	0.000155	0.000193	0.000107	0.0848	0.00000206	0.000118	0.000373	0.00131	0
2077 Apr	0.0329	0.00000602	1.31	5.13	0.0277	0.000501	12.3	0.00328	0.0213	0.000155	0.000193	0.000107	0.0849	0.00000206	0.000118	0.000373	0.00131	0
2077 May	0.033	0.00000603	1.31	5.14	0.0278	0.000502	12.3	0.00328	0.0214	0.000156	0.000193	0.000107	0.085	0.00000206	0.000118	0.000374	0.00131	0
2077 Jun	0.0332	0.00000604	1.31	5.13	0.028	0.0005	12.2	0.00327	0.0215	0.000158	0.000193	0.000107	0.0851	0.00000205	0.000118	0.000377	0.00131	0
2077 Jul	0.0333	0.00000607	1.32	5.14	0.0281	0.000501	12.2	0.00328	0.0216	0.000159	0.000194	0.000108	0.0854	0.00000206	0.000118	0.000379	0.00131	0
2077 Aug	0.0334	0.00000609	1.32	5.16	0.0282	0.000503	12.2	0.00329	0.0216	0.000159	0.000194	0.000108	0.0857	0.00000206	0.000119	0.00038	0.00132	0
2077 Sep	0.0334	0.00000609	1.32	5.16	0.0281	0.000504	12.2	0.00329	0.0216	0.000159	0.000194	0.000108	0.0856	0.00000206	0.000119	0.000379	0.00131	0
2077 Oct	0.0334	0.0000061	1.32	5.17	0.0281	0.000504	12.2	0.00329	0.0217	0.000158	0.000194	0.000108	0.0856	0.00000206	0.000119	0.000379	0.00131	0
2077 Nov	0.0334	0.0000061	1.32	5.17	0.0281	0.000505	12.2	0.00329	0.0217	0.000158	0.000194	0.000108	0.0856	0.00000206	0.000119	0.000379	0.00131	0
2077 Dec	0.0334	0.0000061	1.32	5.18	0.0281	0.000505	12.2	0.0033	0.0217	0.000158	0.000194	0.000108	0.0857	0.00000206	0.000119	0.000379	0.00131	0
2078 Jan	0.0334	0.0000061	1.32	5.18	0.0281	0.000505	12.2	0.0033	0.0217	0.000158	0.000194	0.000108	0.0857	0.00000206	0.000119	0.000379	0.00131	0
2078 Feb	0.0334	0.0000061	1.32	5.18	0.0281	0.000505	12.2	0.0033	0.0217	0.000158	0.000194	0.000108	0.0857	0.00000206	0.000119	0.000379	0.00131	0
2078 Mar	0.0334	0.0000061	1.32	5.18	0.0281	0.000505	12.2	0.0033	0.0217	0.000158	0.000194	0.000108	0.0857	0.00000206	0.000119	0.000379	0.00131	0
2078 Apr	0.0334	0.0000061	1.32	5.18	0.0282	0.000505	12.2	0.0033	0.0217	0.000158	0.000194	0.000108	0.0857	0.00000206	0.000119	0.000379	0.00131	0
2078 May	0.0337	0.00000612	1.32	5.19	0.0284	0.000505	12.2	0.0033	0.0218	0.000161	0.000195	0.000108	0.0861	0.00000206	0.000119	0.000382	0.00132	0
2078 Jun	0.0339	0.00000613	1.32	5.18	0.0287	0.000503	12.1	0.00329	0.0219	0.000164	0.000195	0.000108	0.0862	0.00000205	0.000119	0.000385	0.00131	0
2078 Jul	0.034	0.00000615	1.32	5.2	0.0288	0.000505	12.1	0.0033	0.022	0.000164	0.000195	0.000108	0.0865	0.00000206	0.000119	0.000386	0.00132	0
2078 Aug	0.0341	0.00000617	1.33	5.22	0.0289	0.000507	12.1	0.00331	0.022	0.000164	0.000196	0.000109	0.0867	0.00000206	0.00012	0.000387	0.00132	0
2078 Sep	0.0341	0.00000618	1.33	5.23	0.0289	0.000508	12.1	0.00332	0.0221	0.000164	0.000196	0.000109	0.0869	0.00000206	0.00012	0.000387	0.00132	0
2078 Oct	0.0341	0.00000619	1.33	5.25	0.0289	0.000509	12.1	0.00332	0.0221	0.000164	0.000197	0.000109	0.0869	0.00000206	0.00012	0.000387	0.00132	0
2078 Nov	0.0341	0.00000619	1.33	5.25	0.0289	0.00051	12.1	0.00333	0.0221	0.000164	0.000197	0.000109	0.0869	0.00000206	0.00012	0.000387	0.00132	0
2078 Dec	0.0341	0.00000619	1.33	5.25	0.0289	0.00051	12.1	0.00333	0.0221	0.000164	0.000197	0.000109	0.0869	0.00000206	0.00012	0.000387	0.00132	0
2079 Jan	0.0341	0.00000619	1.33	5.25	0.0289	0.00051	12.1	0.00333	0.0221	0.000164	0.000197	0.000109	0.0869	0.00000206	0.00012	0.000387	0.00132	0
2079 Feb	0.0341	0.00000619	1.33	5.25	0.0289	0.00051	12.1	0.00333	0.0221	0.000164	0.000197	0.000109	0.0869	0.00000206	0.00012	0.000387	0.00132	0
2079 Mar	0.0341	0.00000619	1.33	5.25	0.0289	0.00051	12.1	0.00333	0.0221	0.000164	0.000197	0.000109	0.0869	0.00000206	0.00012	0.000387	0.00132	0
2079 Apr	0.0341	0.00000619	1.33	5.25	0.0289	0.00051	12.1	0.00333	0.0221	0.000164	0.000197	0.000109	0.0869	0.00000206	0.00012	0.000387	0.00132	0
2079 May	0.0341	0.0000062	1.33	5.26	0.029	0.00051	12.1	0.00333	0.0221	0.000164	0.000197	0.000109	0.087	0.00000206	0.00012	0.000388	0.00132	0
2079 Jun	0.0342	0.00000621	1.33	5.23	0.029	0.000507	12	0.00331	0.0222	0.000165	0.000197	0.000109	0.0869	0.00000205	0.00012	0.000389	0.00132	0
2079 Jul	0.0343	0.00000623	1.33	5.23	0.029	0.000508	12	0.00332	0.0223	0.000165	0.000197	0.000109	0.0869	0.00000206	0.00012	0.00039	0.00133	0
2079 Aug	0.0344	0.00000625	1.33	5.25	0.0291	0.00051	12	0.00333	0.0223	0.000165	0.000198	0.000109	0.0871	0.00000206	0.00012	0.000391	0.00133	0
2079 Sep	0.0343	0.00000625	1.33	5.26	0.0291	0.000511	12	0.00333	0.0224	0.000165	0.000198	0.000109	0.0872	0.00000206	0.000121	0.00039	0.00133	0
2079 Oct	0.0343	0.00000626	1.33	5.27	0.029	0.000511	12	0.00333	0.0224	0.000165	0.000198	0.000109	0.0872	0.00000206	0.000121	0.00039	0.00133	0
2079 Nov	0.0343	0.00000626	1.33	5.27	0.029	0.000511	12	0.00333	0.0224	0.000165	0.000198	0.000109	0.0871	0.00000206	0.000121	0.00039	0.00133	0
2079 Dec	0.0343	0.00000626	1.33	5.27	0.029	0.000512	12	0.00333	0.0224	0.000165	0.000198	0.000109	0.0871	0.00000206	0.000121	0.00039	0.00133	0
2080 Jan	0.0343	0.00000626	1.33	5.27	0.029	0.000512	12	0.00333	0.0224	0.000165	0.000198	0.000109	0.0871	0.00000206	0.000121	0.00039	0.00133	0
2080 Feb	0.0343	0.00000626	1.33	5.27	0.029	0.000512	12	0.00333	0.0224	0.000165	0.000198	0.000109	0.0871	0.00000206	0.000121	0.00039	0.00133	0
2080 Mar	0.0343	0.00000626	1.33	5.27	0.029	0.000512	12	0.00333	0.0224	0.000165	0.000198	0.000109	0.0871	0.00000206	0.000121	0.00039	0.00133	0
2080 Apr	0.0343	0.00000626	1.33	5.27	0.029	0.000512	12	0.00333	0.0224	0.000165	0.000198	0.000109	0.0872	0.00000206	0.000121	0.00039	0.00133	0
2080 May	0.0344	0.00000627	1.33	5.27	0.0291	0.000512	12	0.00334	0.0224	0.000165	0.000198	0.000109	0.0872	0.00000206	0.000121	0.00039	0.00133	0
2080 Jun	0.0344	0.00000628	1.33	5.25	0.029	0.000511	11.9	0.00333	0.0225	0.000164	0.000198	0.000109	0.087	0.00000206	0.00012	0.00039	0.00133	0
2080 Jul	0.0344	0.0000063	1.33	5.25	0.029	0.000511	11.9	0.00333	0.0226	0.000164	0.000198	0.000109	0.087	0.00000206	0.000121	0.000391	0.00133	0
2080 Aug	0.0344	0.00000631	1.33	5.26	0.029	0.000512	11.9	0.00334	0.0226	0.000164	0.000199	0.000109	0.0872	0.00000206	0.000121	0.000391	0.00134	0
2080 Sep	0.0344	0.00000632	1.33	5.27	0.029	0.000513	11.9	0.00334	0.0226	0.000164	0.000199	0.000109	0.0872	0.00000206	0.000121	0.000391	0.00133	0
2080 Oct	0.0344	0.00000633	1.33	5.28	0.029	0.000514	11.9	0.00334	0.0227	0.000164	0.000199	0.000109	0.0873	0.00000206	0.000121	0.000391	0.00133	0
2080 Nov	0.0344	0.00000633	1.33	5.28	0.029	0.000514	11.9	0.00334	0.0227	0.000164	0.000199	0.000109	0.0873	0.00000206	0.000121	0.000391	0.00133	0
2080 Dec	0.0344	0.00000633	1.33	5.28	0.029	0.000514	11.9	0.00334	0.0227	0.000164	0.000199	0.000109	0.0873	0.00000206	0.000121	0.000391	0.00133	0
2081 Jan	0.0344	0.00000633	1.33	5.28	0.029	0.000514	11.9	0.00334	0.0227	0.000164	0.000199	0.000109	0.0873	0.00000206	0.000121	0.000391	0.00133	0
2081 Feb	0.0344	0.00000633	1.33	5.28	0.029	0.000514	11.9	0.00334	0.0227	0.000164	0.000199	0.000109	0.0873	0.00000206	0.000121	0.000391	0.00133	0
2081 Mar	0.0344	0.00000633	1.33	5.28	0.029	0.000514	11.9	0.00334	0.0227	0.000164	0.000199	0.000109	0.0873	0.00000206	0.000121	0.000391	0.00133	0
2081 Apr	0.0344	0.00000633	1.33	5.28	0.029	0.000514	11.9	0.00334	0.0227	0.000164	0.000199	0.000109	0.0873	0.00000206	0.000121	0.000391	0.00133	0
2081 May	0.0347	0.00000634	1.33	5.28	0.0292	0.000514	11.9	0.00334	0.0228	0.000166	0.000199	0.000109	0.0876	0.00000206	0.000121	0.000393	0.00134	0
2081 Jun	0.0348	0.00000635	1.33	5.27	0.0294	0.000513	11.8	0.00334	0.0229	0.000168	0.000199	0.000109	0.0877	0.00000205	0.000121	0.000396	0.00134	0
2081 Jul	0.035	0.00000638	1.34	5.29	0.0295	0.000515	11.9	0.00335	0.0229	0.000168	0.0002	0.00011	0.088	0.00000206	0.000121	0.000397	0.00134	0
2081 Aug	0.0351	0.0000064	1.34	5.32	0.0296	0.000517	11.9	0.00336	0.023	0.000169	0.000201	0.00011	0.0883	0.00000207	0.000122	0.000398	0.00135	0
2081 Sep	0.0351	0.00000641	1.34	5.33	0.0296	0.000518	11.9	0.00337	0.023	0.000169	0.000201	0.00011	0.0884	0.00000207	0.000122	0.000398	0.00135	0
2081 Oct	0.0351	0.00000642	1.34	5.34	0.0297	0.000519	11.9	0.00337	0.0231	0.000169	0.000201	0.00011	0.0885	0.00000207	0.000122	0.000398	0.00135	0
2081 Nov	0.0351	0.00000642	1.34	5.34	0.0296	0.000519	11.9	0.00337	0.0231	0.000168	0.000201	0.00011	0.0884	0.00000207	0.000122	0.000398	0.00135	0
2081 Dec	0.0351	0.00000642	1.34	5.34	0.0296	0.000519	11.9	0.00337	0.0231	0.000168	0.000201	0.00011	0.0884	0.00000207	0.000122	0.000398	0.00134	0
2082 Jan	0.0351	0.00000642	1.34	5.34	0.0296	0.000519	11.9	0.00337	0.0231	0.000168	0.000201	0.00011	0.0884	0.00000207	0.000122	0.000398	0.00134	0
2082 Feb	0.0351	0.00000642	1.34	5.34	0.0296	0.000519	11.9	0.00337	0.0231	0.000168	0.000201	0.00011	0.0884	0.00000207	0.000122	0.000398	0.00135	0
2082 Mar	0.0351	0.00000642	1.34	5.34	0.0296	0.000519	11.9	0.00337	0.0231	0.000168	0.000201	0.00011	0.0884	0.00000207	0.000122	0.000398	0.00135	0
2082 Apr	0.0351	0.00000642	1.34	5.34	0.0296	0.000519	11.9	0.00337	0.0231	0.000168	0.000201	0.00011	0.0885	0.00000207	0.000122	0.000398	0.00135	0
2082 May	0.0351	0.00000643	1.34	5.35	0.0297	0.00052	11.9	0.00338	0.0231	0.000168	0.000201	0.00011	0.0885	0.00000207	0.000123	0.000399	0.00135	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.035	0.00000644	1.34	5.33	0.0295	0.000518	11.8	0.00337	0.0232	0.000167	0.000201	0.00011	0.0882	0.00000206	0.000122	0.000398	0.00135	0
2082 Jul	0.035	0.00000645	1.34	5.32	0.0295	0.000517	11.8	0.00336	0.0232	0.000167	0.000202	0.00011	0.0881	0.00000206	0.000122	0.000399	0.00135	0
2082 Aug	0.0351	0.00000647	1.34	5.34	0.0296	0.000519	11.8	0.00337	0.0233	0.000167	0.000202	0.00011	0.0883	0.00000206	0.000123	0.000399	0.00135	0
2082 Sep	0.0351	0.00000648	1.34	5.35	0.0296	0.00052	11.8	0.00338	0.0233	0.000167	0.000202	0.00011	0.0884	0.00000207	0.000123	0.0004	0.00135	0
2082 Oct	0.0351	0.00000648	1.34	5.34	0.0295	0.00052	11.8	0.00337	0.0233	0.000167	0.000202	0.00011	0.0883	0.00000206	0.000123	0.000399	0.00135	0
2082 Nov	0.0351	0.00000648	1.34	5.35	0.0295	0.00052	11.8	0.00338	0.0233	0.000167	0.000202	0.00011	0.0883	0.00000206	0.000123	0.000399	0.00135	0
2082 Dec	0.0351	0.00000648	1.34	5.35	0.0295	0.000521	11.8	0.00338	0.0233	0.000167	0.000202	0.00011	0.0883	0.00000206	0.000123	0.000399	0.00135	0
2083 Jan	0.0351	0.00000648	1.34	5.35	0.0295	0.000521	11.8	0.00338	0.0233	0.000167	0.000202	0.00011	0.0883	0.00000206	0.000123	0.000399	0.00135	0
2083 Feb	0.0351	0.00000648	1.34	5.35	0.0295	0.000521	11.8	0.00338	0.0233	0.000167	0.000202	0.00011	0.0883	0.00000206	0.000123	0.000399	0.00135	0
2083 Mar	0.0351	0.00000649	1.34	5.35	0.0295	0.000521	11.8	0.00338	0.0233	0.000167	0.000202	0.00011	0.0883	0.00000206	0.000123	0.000399	0.00135	0
2083 Apr	0.0351	0.00000649	1.34	5.35	0.0295	0.000521	11.8	0.00338	0.0233	0.000167	0.000202	0.00011	0.0884	0.00000206	0.000123	0.000399	0.00135	0
2083 May	0.0353	0.0000065	1.34	5.37	0.0297	0.000521	11.8	0.00338	0.0234	0.000168	0.000203	0.00011	0.0887	0.00000206	0.000123	0.000401	0.00135	0
2083 Jun	0.0356	0.00000652	1.34	5.37	0.0301	0.00052	11.7	0.00338	0.0235	0.000171	0.000203	0.00011	0.0889	0.00000206	0.000123	0.000405	0.00135	0
2083 Jul	0.0356	0.00000653	1.34	5.38	0.0301	0.000521	11.7	0.00339	0.0236	0.000172	0.000203	0.000111	0.0891	0.00000206	0.000123	0.000406	0.00136	0
2083 Aug	0.0357	0.00000655	1.35	5.4	0.0302	0.000523	11.7	0.00339	0.0236	0.000172	0.000204	0.000111	0.0892	0.00000206	0.000123	0.000406	0.00136	0
2083 Sep	0.0357	0.00000656	1.35	5.41	0.0301	0.000524	11.7	0.0034	0.0237	0.000171	0.000204	0.000111	0.0893	0.00000206	0.000124	0.000406	0.00136	0
2083 Oct	0.0356	0.00000656	1.34	5.41	0.0301	0.000524	11.6	0.00339	0.0237	0.000171	0.000204	0.000111	0.0892	0.00000206	0.000124	0.000405	0.00136	0
2083 Nov	0.0356	0.00000656	1.34	5.41	0.0301	0.000524	11.6	0.0034	0.0237	0.000171	0.000204	0.000111	0.0892	0.00000206	0.000124	0.000405	0.00136	0
2083 Dec	0.0356	0.00000656	1.34	5.41	0.0301	0.000525	11.6	0.0034	0.0237	0.000171	0.000204	0.000111	0.0892	0.00000206	0.000124	0.000405	0.00136	0
2084 Jan	0.0356	0.00000656	1.34	5.41	0.0301	0.000525	11.6	0.0034	0.0237	0.000171	0.000204	0.000111	0.0892	0.00000206	0.000124	0.000405	0.00136	0
2084 Feb	0.0356	0.00000656	1.34	5.41	0.0301	0.000525	11.6	0.0034	0.0237	0.000171	0.000204	0.000111	0.0892	0.00000206	0.000124	0.000405	0.00136	0
2084 Mar	0.0356	0.00000657	1.34	5.41	0.0301	0.000525	11.6	0.0034	0.0237	0.000171	0.000204	0.000111	0.0892	0.00000206	0.000124	0.000405	0.00136	0
2084 Apr	0.0356	0.00000657	1.34	5.41	0.0301	0.000525	11.6	0.0034	0.0237	0.000171	0.000204	0.000111	0.0892	0.00000206	0.000124	0.000405	0.00136	0
2084 May	0.0359	0.00000658	1.35	5.42	0.0303	0.000525	11.6	0.0034	0.0238	0.000173	0.000204	0.000111	0.0895	0.00000206	0.000124	0.000408	0.00136	0
2084 Jun	0.0361	0.00000659	1.35	5.4	0.0305	0.000523	11.5	0.00339	0.0239	0.000175	0.000204	0.000111	0.0896	0.00000205	0.000123	0.00041	0.00136	0
2084 Jul	0.0361	0.00000661	1.35	5.42	0.0306	0.000524	11.6	0.0034	0.024	0.000176	0.000204	0.000111	0.0898	0.00000206	0.000124	0.000411	0.00136	0
2084 Aug	0.0362	0.00000663	1.35	5.44	0.0307	0.000526	11.6	0.00341	0.024	0.000176	0.000205	0.000111	0.0901	0.00000206	0.000124	0.000412	0.00136	0
2084 Sep	0.0362	0.00000663	1.35	5.45	0.0307	0.000527	11.6	0.00341	0.024	0.000176	0.000205	0.000112	0.0901	0.00000206	0.000124	0.000412	0.00136	0
2084 Oct	0.0362	0.00000664	1.35	5.45	0.0307	0.000528	11.6	0.00341	0.024	0.000175	0.000205	0.000111	0.0901	0.00000206	0.000124	0.000411	0.00136	0
2084 Nov	0.0362	0.00000664	1.35	5.45	0.0306	0.000528	11.6	0.00341	0.0241	0.000175	0.000205	0.000111	0.0901	0.00000206	0.000124	0.000411	0.00136	0
2084 Dec	0.0362	0.00000664	1.35	5.45	0.0307	0.000528	11.6	0.00341	0.0241	0.000175	0.000205	0.000111	0.0901	0.00000206	0.000124	0.000411	0.00136	0
2085 Jan	0.0362	0.00000664	1.35	5.45	0.0307	0.000528	11.6	0.00341	0.0241	0.000175	0.000205	0.000111	0.0901	0.00000206	0.000124	0.000411	0.00136	0
2085 Feb	0.0362	0.00000664	1.35	5.45	0.0307	0.000528	11.6	0.00341	0.0241	0.000175	0.000205	0.000111	0.0901	0.00000206	0.000124	0.000411	0.00136	0
2085 Mar	0.0362	0.00000664	1.35	5.45	0.0307	0.000528	11.6	0.00341	0.0241	0.000175	0.000205	0.000111	0.0901	0.00000206	0.000124	0.000411	0.00136	0
2085 Apr	0.0362	0.00000664	1.35	5.46	0.0307	0.000528	11.6	0.00341	0.0241	0.000175	0.000205	0.000112	0.0901	0.00000206	0.000125	0.000411	0.00136	0
2085 May	0.0364	0.00000665	1.35	5.46	0.0309	0.000528	11.5	0.00342	0.0241	0.000177	0.000205	0.000112	0.0904	0.00000206	0.000125	0.000413	0.00136	0
2085 Jun	0.0366	0.00000666	1.35	5.46	0.0311	0.000528	11.5	0.00341	0.0242	0.000179	0.000206	0.000112	0.0906	0.00000206	0.000125	0.000416	0.00136	0
2085 Jul	0.0367	0.00000669	1.36	5.48	0.0311	0.000529	11.5	0.00343	0.0243	0.000179	0.000206	0.000112	0.0909	0.00000206	0.000125	0.000417	0.00137	0
2085 Aug	0.0367	0.0000067	1.36	5.5	0.0312	0.000531	11.6	0.00343	0.0243	0.000179	0.000207	0.000112	0.091	0.00000206	0.000125	0.000417	0.00137	0
2085 Sep	0.0367	0.00000671	1.36	5.51	0.0312	0.000532	11.5	0.00344	0.0243	0.000179	0.000207	0.000112	0.091	0.00000206	0.000125	0.000417	0.00137	0
2085 Oct	0.0366	0.00000671	1.36	5.51	0.0311	0.000533	11.5	0.00344	0.0244	0.000178	0.000207	0.000112	0.091	0.00000206	0.000126	0.000416	0.00137	0
2085 Nov	0.0366	0.00000671	1.36	5.52	0.0311	0.000533	11.5	0.00344	0.0244	0.000178	0.000207	0.000112	0.091	0.00000206	0.000126	0.000416	0.00137	0
2085 Dec	0.0366	0.00000671	1.36	5.52	0.0311	0.000533	11.5	0.00344	0.0244	0.000178	0.000207	0.000112	0.091	0.00000206	0.000126	0.000416	0.00137	0
2086 Jan	0.0366	0.00000671	1.36	5.52	0.0311	0.000533	11.5	0.00344	0.0244	0.000178	0.000207	0.000112	0.091	0.00000206	0.000126	0.000416	0.00137	0
2086 Feb	0.0366	0.00000671	1.36	5.52	0.0311	0.000533	11.5	0.00344	0.0244	0.000178	0.000207	0.000112	0.091	0.00000206	0.000126	0.000416	0.00137	0
2086 Mar	0.0366	0.00000671	1.36	5.52	0.0311	0.000533	11.5	0.00344	0.0244	0.000178	0.000207	0.000112	0.091	0.00000206	0.000126	0.000416	0.00137	0
2086 Apr	0.0366	0.00000671	1.36	5.52	0.0311	0.000533	11.5	0.00344	0.0244	0.000178	0.000207	0.000112	0.091	0.00000206	0.000126	0.000416	0.00137	0
2086 May	0.0367	0.00000672	1.36	5.53	0.0312	0.000534	11.5	0.00344	0.0244	0.000179	0.000207	0.000112	0.0911	0.00000206	0.000126	0.000417	0.00137	0
2086 Jun	0.0369	0.00000673	1.36	5.5	0.0314	0.000531	11.4	0.00343	0.0245	0.000181	0.000207	0.000112	0.0912	0.00000205	0.000125	0.00042	0.00137	0
2086 Jul	0.037	0.00000676	1.36	5.52	0.0314	0.000533	11.4	0.00344	0.0246	0.000181	0.000207	0.000112	0.0914	0.00000206	0.000126	0.000421	0.00137	0
2086 Aug	0.0371	0.00000678	1.36	5.54	0.0315	0.000534	11.4	0.00345	0.0247	0.000181	0.000208	0.000113	0.0916	0.00000206	0.000126	0.000421	0.00137	0
2086 Sep	0.037	0.00000679	1.36	5.55	0.0315	0.000536	11.4	0.00346	0.0247	0.000181	0.000208	0.000113	0.0916	0.00000206	0.000126	0.000421	0.00137	0
2086 Oct	0.037	0.00000679	1.36	5.56	0.0315	0.000536	11.4	0.00346	0.0247	0.000181	0.000208	0.000113	0.0917	0.00000206	0.000126	0.000421	0.00137	0
2086 Nov	0.0371	0.00000679	1.36	5.56	0.0315	0.000537	11.4	0.00346	0.0247	0.000181	0.000208	0.000113	0.0917	0.00000206	0.000126	0.000421	0.00137	0
2086 Dec	0.0371	0.00000679	1.36	5.56	0.0315	0.000537	11.4	0.00346	0.0247	0.000181	0.000208	0.000113	0.0917	0.00000206	0.000127	0.000421	0.00137	0
2087 Jan	0.0371	0.00000679	1.36	5.56	0.0315	0.000537	11.4	0.00346	0.0247	0.000181	0.000208	0.000113	0.0917	0.00000206	0.000127	0.000421	0.00137	0
2087 Feb	0.0371	0.00000679	1.36	5.56	0.0315	0.000537	11.4	0.00346	0.0247	0.000181	0.000208	0.000113	0.0917	0.00000206	0.000127	0.000421	0.00137	0
2087 Mar	0.0371	0.00000679	1.36	5.56	0.0315	0.000537	11.4	0.00346	0.0247	0.000181	0.000208	0.000113	0.0917	0.00000206	0.000127	0.000421	0.00137	0
2087 Apr	0.0371	0.00000679	1.36	5.56	0.0315	0.000537	11.4	0.00346	0.0247	0.000181	0.000208	0.000113	0.0917	0.00000206	0.000127	0.000421	0.00137	0
2087 May	0.0372	0.0000068	1.37	5.57	0.0316	0.000537	11.4	0.00346	0.0247	0.000182	0.000209	0.000113	0.0918	0.00000206	0.000127	0.000422	0.00138	0
2087 Jun	0.0374	0.00000681	1.37	5.55	0.0318	0.000535	11.4	0.00345	0.0248	0.000184	0.000208	0.000113	0.092	0.00000206	0.000126	0.000425	0.00138	0
2087 Jul	0.0375	0.00000683	1.37	5.57	0.0319	0.000537	11.4	0.00346	0.0249	0.000184	0.000209	0.000113	0.0922	0.00000206	0.000127	0.000426	0.00138	0
2087 Aug	0.0376	0.00000685	1.37	5.59	0.032	0.000538	11.4	0.00347	0.025	0.000185	0.00021	0.000114	0.0925	0.00000207	0.000127	0.000427	0.00138	0
2087 Sep	0.0376	0.00000686	1.37	5.6	0.032	0.00054	11.4	0.00348	0.025	0.000185	0.00021	0.000114	0.0926	0.00000207	0.000127	0.000427	0.00138	0
2087 Oct	0.0376	0.00000687	1.37	5.61	0.032	0.000541	11.4	0.00349	0.025	0.000185	0.00021	0.000114	0.0927	0.00000207	0.000127	0.000427	0.00138	0
2087 Nov	0.0376	0.00000687	1.37	5.61	0.032	0.000541	11.4	0.00349	0.025	0.000185	0.00021	0.000114	0.0927	0.00000207	0.000128	0.000427	0.00138	0
2087 Dec	0.0376	0.00000687	1.37	5.62	0.032	0.000541	11.4	0.00349	0.025	0.000185	0.00021	0.000114	0.0927	0.00000207	0.000128	0.000427	0.00138	0
2088 Jan	0.0376	0.00000687	1.37	5.62	0.032	0.000541	11.4	0.00349	0.025	0.000185	0.00021	0.000114	0.0927	0.00000207	0.000128	0.000427	0.00138	0
2088 Feb	0.0376	0.00000687	1.37	5.62	0.032	0.000541	11.4	0.00349	0.025	0.000185	0.00021	0.000114	0.0927	0.00000207	0.000128	0.000427	0.00138	0
2088 Mar	0.0376	0.00000687	1.37	5.62	0.032	0.000541	11.4	0.00349	0.025	0.000185	0.00021	0.000114	0.0927	0.00000207	0.000128	0.000427	0.00138	0
2088 Apr	0.0376	0.00000687	1.37	5.62	0.032	0.000541	11.4	0.00349	0.0251	0.000185	0.00021	0.000114	0.0927	0.00000207	0.000128	0.000427	0.00138	0
2088 May	0.0377	0.00000688	1.38	5.63	0.0321	0.000542	11.4	0.00349	0.0251	0.000185	0.000211	0.000114	0.0929	0.00000207	0.000128	0.000428	0.00139	0
2088 Jun	0.0377	0.00000689	1.37	5.61	0.032	0.00054	11.4	0.00348	0.0252	0.000185	0.000211	0.000114	0.0927	0.00000207	0.000127	0.000428	0.00139	0
2088 Jul	0.0378	0.00000692	1.38	5.62	0.0321	0.000541	11.4	0.00349	0.0252	0.000185	0.000211	0.000114	0.0929	0.00000207	0.000128	0.00043	0.00139	0
2088 Aug	0.0379	0.00000695	1.38	5.64	0.0322	0.000544	11.4	0.00351	0.0253	0.000186	0.000212	0.000115	0.0933	0.00000208	0.000128	0.000431	0.0014	0
2088 Sep	0.0379	0.00000696	1.38	5.66	0.0323	0.000545	11.5	0.00352	0.0254	0.000186	0.000213	0.000115	0.0934	0.00000208	0.000129	0.000432	0.0014	0
2088 Oct	0.0379	0.00000695	1.38	5.66	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.000115	0.0933	0.00000208	0.000129	0.000431	0.0014	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.0379	0.00000695	1.38	5.66	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.000115	0.0933	0.00000208	0.000129	0.000431	0.0014	0
2088 Dec	0.0379	0.00000696	1.38	5.66	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.000115	0.0933	0.00000208	0.000129	0.000431	0.0014	0
2089 Jan	0.0379	0.00000696	1.38	5.66	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.000115	0.0933	0.00000208	0.000129	0.000431	0.0014	0
2089 Feb	0.0379	0.00000696	1.38	5.66	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.000115	0.0933	0.00000208	0.000129	0.000431	0.0014	0
2089 Mar	0.0379	0.00000696	1.38	5.66	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.000115	0.0933	0.00000208	0.000129	0.000431	0.0014	0
2089 Apr	0.0379	0.00000696	1.38	5.66	0.0322	0.000546	11.4	0.00351	0.0254	0.000185	0.000212	0.000115	0.0933	0.00000208	0.000129	0.000431	0.0014	0
2089 May	0.038	0.00000697	1.38	5.66	0.0324	0.000546	11.4	0.00351	0.0254	0.000186	0.000213	0.000115	0.0935	0.00000208	0.000129	0.000433	0.0014	0
2089 Jun	0.0383	0.00000698	1.39	5.66	0.0326	0.000544	11.4	0.00351	0.0256	0.000189	0.000213	0.000115	0.0938	0.00000208	0.000129	0.000435	0.0014	0
2089 Jul	0.0384	0.000007	1.39	5.68	0.0327	0.000546	11.4	0.00352	0.0256	0.000189	0.000213	0.000115	0.094	0.00000208	0.000129	0.000437	0.0014	0
2089 Aug	0.0385	0.00000703	1.39	5.7	0.0328	0.000548	11.4	0.00353	0.0257	0.00019	0.000214	0.000115	0.0943	0.00000209	0.000129	0.000438	0.00141	0
2089 Sep	0.0385	0.00000704	1.39	5.72	0.0328	0.00055	11.4	0.00354	0.0257	0.00019	0.000214	0.000116	0.0944	0.00000209	0.00013	0.000438	0.00141	0
2089 Oct	0.0384	0.00000704	1.39	5.72	0.0327	0.00055	11.4	0.00354	0.0257	0.000189	0.000214	0.000115	0.0943	0.00000208	0.00013	0.000437	0.0014	0
2089 Nov	0.0384	0.00000704	1.39	5.72	0.0327	0.00055	11.4	0.00354	0.0257	0.000189	0.000214	0.000115	0.0943	0.00000208	0.00013	0.000437	0.0014	0
2089 Dec	0.0384	0.00000704	1.39	5.72	0.0327	0.000551	11.4	0.00354	0.0257	0.000189	0.000214	0.000115	0.0943	0.00000208	0.00013	0.000437	0.0014	0
2090 Jan	0.0384	0.00000704	1.39	5.72	0.0327	0.000551	11.4	0.00354	0.0257	0.000189	0.000214	0.000115	0.0943	0.00000208	0.00013	0.000437	0.0014	0
2090 Feb	0.0384	0.00000704	1.39	5.72	0.0327	0.000551	11.4	0.00354	0.0257	0.000189	0.000214	0.000115	0.0943	0.00000208	0.00013	0.000437	0.0014	0
2090 Mar	0.0384	0.00000704	1.39	5.72	0.0327	0.000551	11.4	0.00354	0.0257	0.000189	0.000214	0.000115	0.0943	0.00000208	0.00013	0.000437	0.00141	0
2090 Apr	0.0384	0.00000704	1.39	5.73	0.0328	0.000551	11.4	0.00354	0.0257	0.000189	0.000214	0.000116	0.0944	0.00000208	0.00013	0.000437	0.00141	0
2090 May	0.0385	0.00000705	1.39	5.73	0.0328	0.000551	11.4	0.00355	0.0258	0.000189	0.000215	0.000116	0.0945	0.00000209	0.00013	0.000438	0.00141	0
2090 Jun	0.0387	0.00000706	1.39	5.74	0.033	0.000551	11.3	0.00354	0.0259	0.000191	0.000215	0.000116	0.0946	0.00000208	0.00013	0.00044	0.00141	0
2090 Jul	0.0388	0.00000708	1.4	5.76	0.0331	0.000552	11.3	0.00355	0.0259	0.000192	0.000215	0.000116	0.0948	0.00000208	0.00013	0.000441	0.00141	0
2090 Aug	0.0387	0.00000709	1.39	5.76	0.0331	0.000553	11.3	0.00355	0.026	0.000191	0.000215	0.000116	0.0948	0.00000208	0.00013	0.00044	0.00141	0
2090 Sep	0.0387	0.0000071	1.39	5.77	0.033	0.000554	11.3	0.00356	0.026	0.000191	0.000215	0.000116	0.0948	0.00000208	0.000131	0.00044	0.00141	0
2090 Oct	0.0386	0.0000071	1.39	5.76	0.0329	0.000554	11.2	0.00355	0.026	0.00019	0.000215	0.000116	0.0946	0.00000207	0.00013	0.000439	0.00141	0
2090 Nov	0.0386	0.0000071	1.39	5.76	0.0329	0.000554	11.2	0.00355	0.026	0.000189	0.000215	0.000116	0.0946	0.00000207	0.00013	0.000438	0.0014	0
2090 Dec	0.0386	0.0000071	1.39	5.76	0.0329	0.000554	11.2	0.00355	0.026	0.000189	0.000215	0.000116	0.0946	0.00000207	0.00013	0.000438	0.0014	0
2091 Jan	0.0386	0.0000071	1.39	5.76	0.0329	0.000554	11.2	0.00355	0.026	0.000189	0.000215	0.000116	0.0946	0.00000207	0.00013	0.000438	0.0014	0
2091 Feb	0.0386	0.0000071	1.39	5.76	0.0329	0.000554	11.2	0.00355	0.026	0.000189	0.000215	0.000116	0.0946	0.00000207	0.00013	0.000438	0.0014	0
2091 Mar	0.0386	0.0000071	1.39	5.76	0.0329	0.000554	11.2	0.00355	0.026	0.000189	0.000215	0.000116	0.0946	0.00000207	0.00013	0.000438	0.0014	0
2091 Apr	0.0386	0.0000071	1.39	5.77	0.0329	0.000554	11.2	0.00355	0.026	0.00019	0.000215	0.000116	0.0946	0.00000207	0.000131	0.000439	0.0014	0
2091 May	0.0387	0.00000711	1.39	5.77	0.033	0.000555	11.2	0.00356	0.0261	0.00019	0.000215	0.000116	0.0948	0.00000208	0.000131	0.00044	0.00141	0
2091 Jun	0.039	0.00000712	1.39	5.76	0.0333	0.000553	11.2	0.00354	0.0262	0.000193	0.000215	0.000116	0.095	0.00000207	0.00013	0.000443	0.00141	0
2091 Jul	0.0392	0.00000715	1.4	5.78	0.0334	0.000555	11.2	0.00356	0.0263	0.000194	0.000216	0.000116	0.0953	0.00000208	0.000131	0.000445	0.00141	0
2091 Aug	0.0392	0.00000716	1.4	5.79	0.0334	0.000556	11.2	0.00357	0.0263	0.000194	0.000216	0.000116	0.0955	0.00000208	0.000131	0.000445	0.00141	0
2091 Sep	0.0392	0.00000717	1.4	5.81	0.0334	0.000557	11.2	0.00357	0.0263	0.000193	0.000216	0.000116	0.0955	0.00000208	0.000131	0.000444	0.00141	0
2091 Oct	0.0391	0.00000717	1.4	5.81	0.0334	0.000558	11.2	0.00357	0.0263	0.000193	0.000216	0.000116	0.0955	0.00000208	0.000131	0.000444	0.00141	0
2091 Nov	0.0391	0.00000717	1.4	5.81	0.0333	0.000558	11.1	0.00357	0.0263	0.000193	0.000216	0.000116	0.0954	0.00000207	0.000131	0.000443	0.00141	0
2091 Dec	0.0391	0.00000717	1.4	5.81	0.0333	0.000558	11.1	0.00357	0.0263	0.000193	0.000216	0.000116	0.0954	0.00000207	0.000131	0.000443	0.00141	0
2092 Jan	0.0391	0.00000718	1.4	5.81	0.0334	0.000558	11.1	0.00357	0.0263	0.000193	0.000216	0.000116	0.0954	0.00000207	0.000131	0.000443	0.00141	0
2092 Feb	0.0391	0.00000718	1.4	5.81	0.0334	0.000558	11.1	0.00357	0.0263	0.000193	0.000216	0.000116	0.0954	0.00000207	0.000131	0.000443	0.00141	0
2092 Mar	0.0391	0.00000718	1.4	5.81	0.0334	0.000558	11.1	0.00357	0.0264	0.000193	0.000216	0.000116	0.0954	0.00000207	0.000131	0.000443	0.00141	0
2092 Apr	0.0391	0.00000718	1.4	5.81	0.0334	0.000558	11.1	0.00357	0.0264	0.000193	0.000216	0.000116	0.0954	0.00000207	0.000131	0.000443	0.00141	0
2092 May	0.0392	0.00000719	1.4	5.82	0.0335	0.000559	11.1	0.00357	0.0264	0.000194	0.000216	0.000116	0.0956	0.00000208	0.000132	0.000445	0.00141	0
2092 Jun	0.0394	0.00000719	1.4	5.8	0.0337	0.000556	11	0.00356	0.0265	0.000196	0.000216	0.000116	0.0957	0.00000206	0.000131	0.000448	0.00141	0
2092 Jul	0.0395	0.0000072	1.4	5.81	0.0338	0.000557	11	0.00356	0.0265	0.000196	0.000216	0.000116	0.0957	0.00000207	0.000131	0.000448	0.00141	0
2092 Aug	0.0396	0.00000723	1.4	5.84	0.0339	0.000559	11	0.00358	0.0266	0.000197	0.000217	0.000117	0.096	0.00000207	0.000132	0.000449	0.00141	0
2092 Sep	0.0396	0.00000724	1.4	5.86	0.0339	0.000561	11	0.00359	0.0266	0.000197	0.000218	0.000117	0.0962	0.00000207	0.000132	0.00045	0.00142	0
2092 Oct	0.0396	0.00000725	1.4	5.87	0.0339	0.000562	11	0.00359	0.0266	0.000196	0.000218	0.000117	0.0962	0.00000207	0.000132	0.000449	0.00142	0
2092 Nov	0.0396	0.00000725	1.4	5.88	0.0339	0.000562	11	0.00359	0.0266	0.000196	0.000218	0.000117	0.0962	0.00000207	0.000132	0.000449	0.00142	0
2092 Dec	0.0396	0.00000725	1.4	5.88	0.0339	0.000562	11	0.00359	0.0266	0.000196	0.000218	0.000117	0.0962	0.00000207	0.000132	0.00045	0.00142	0
2093 Jan	0.0396	0.00000725	1.4	5.88	0.0339	0.000562	11	0.00359	0.0266	0.000196	0.000218	0.000117	0.0962	0.00000207	0.000132	0.00045	0.00142	0
2093 Feb	0.0396	0.00000725	1.4	5.88	0.0339	0.000562	11	0.00359	0.0266	0.000196	0.000218	0.000117	0.0962	0.00000207	0.000132	0.00045	0.00142	0
2093 Mar	0.0396	0.00000725	1.4	5.88	0.0339	0.000562	11	0.0036	0.0267	0.000196	0.000218	0.000117	0.0963	0.00000207	0.000132	0.00045	0.00142	0
2093 Apr	0.0396	0.00000725	1.4	5.89	0.0339	0.000563	11	0.0036	0.0267	0.000196	0.000218	0.000117	0.0963	0.00000207	0.000132	0.00045	0.00142	0
2093 May	0.0397	0.00000726	1.41	5.89	0.034	0.000563	11	0.0036	0.0267	0.000197	0.000218	0.000117	0.0965	0.00000207	0.000133	0.000451	0.00142	0
2093 Jun	0.0399	0.00000727	1.4	5.88	0.0342	0.000561	11	0.00359	0.0268	0.0002	0.000218	0.000117	0.0966	0.00000207	0.000132	0.000453	0.00142	0
2093 Jul	0.04	0.00000729	1.41	5.89	0.0343	0.000563	11	0.0036	0.0269	0.0002	0.000219	0.000117	0.0968	0.00000207	0.000133	0.000455	0.00142	0
2093 Aug	0.0401	0.00000731	1.41	5.91	0.0344	0.000564	11	0.00361	0.0269	0.0002	0.00022	0.000118	0.0971	0.00000208	0.000133	0.000456	0.00142	0
2093 Sep	0.0401	0.00000732	1.41	5.93	0.0344	0.000566	11	0.00362	0.027	0.0002	0.00022	0.000118	0.0972	0.00000208	0.000133	0.000456	0.00143	0
2093 Oct	0.04	0.00000732	1.41	5.93	0.0343	0.000566	11	0.00361	0.027	0.000199	0.000219	0.000118	0.097	0.00000207	0.000133	0.000455	0.00142	0
2093 Nov	0.04	0.00000732	1.41	5.93	0.0343	0.000566	11	0.00361	0.027	0.000199	0.000219	0.000118	0.097	0.00000207	0.000133	0.000454	0.00142	0
2093 Dec	0.04	0.00000732	1.41	5.93	0.0343	0.000566	11	0.00361	0.027	0.000199	0.000219	0.000118	0.097	0.00000207	0.000133	0.000454	0.00142	0
2094 Jan	0.04	0.00000732	1.41	5.93	0.0343	0.000566	11	0.00361	0.027	0.000199	0.000219	0.000118	0.097	0.00000207	0.000133	0.000454	0.00142	0
2094 Feb	0.04	0.00000732	1.41	5.93	0.0343	0.000566	11	0.00361	0.027	0.000199	0.000219	0.000118	0.097	0.00000207	0.000133	0.000454	0.00142	0
2094 Mar	0.04	0.00000732	1.41	5.93	0.0343	0.000566	11	0.00361	0.027	0.000199	0.000219	0.000118	0.097	0.00000207	0.000133	0.000454	0.00142	0
2094 Apr	0.04	0.00000732	1.41	5.93	0.0343	0.000567	11	0.00362	0.027	0.000199	0.000219	0.000118	0.097	0.00000207	0.000133	0.000454	0.00142	0
2094 May	0.0401	0.00000733	1.41	5.94	0.0345	0.000567	11	0.00362	0.027	0.0002	0.00022	0.000118	0.0972	0.00000207	0.000133	0.000456	0.00142	0
2094 Jun	0.0404	0.00000735	1.41	5.95	0.0347	0.000567	10.9	0.00362	0.0271	0.000203	0.00022	0.000118	0.0975	0.00000207	0.000133	0.000459	0.00142	0
2094 Jul	0.0405	0.00000738	1.42	5.97	0.0349	0.000569	11	0.00363	0.0273	0.000203	0.000221	0.000119	0.0979	0.00000208	0.000134	0.000461	0.00143	0
2094 Aug	0.0407	0.00000741	1.42	6.01	0.035	0.000572	11	0.00365	0.0274	0.000204	0.000222	0.000119	0.0984	0.00000209	0.000135	0.000462	0.00144	0
2094 Sep	0.0407	0.00000742	1.43	6.03	0.035	0.000573	11	0.00366	0.0274	0.000204	0.000222	0.000119	0.0985	0.00000209	0.000135	0.000463	0.00144	0
2094 Oct	0.0406	0.00000742	1.42	6.03	0.035	0.000574	11	0.00366	0.0274	0.000203	0.000222	0.000119	0.0984	0.00000208	0.000135	0.000462	0.00143	0
2094 Nov	0.0406	0.00000742	1.42	6.03	0.0349	0.000575	11	0.00366	0.0274	0.000203	0.000222	0.000119	0.0983	0.00000208	0.000135	0.000461	0.00143	0
2094 Dec	0.0406	0.00000742	1.42	6.03	0.0349	0.000575	11	0.00366	0.0274	0.000203	0.000222	0.000119	0.0983	0.00000208	0.000135	0.000461	0.00143	0
2095 Jan	0.0406	0.00000742	1.42	6.03	0.0349	0.000575	11	0.00366	0.0274	0.000203	0.000222	0.000119	0.0983	0.00000208	0.000135	0.000461	0.00143	0
2095 Feb	0.0406	0.00000742	1.42	6.03	0.0349	0.000575	11	0.00366	0.0274	0.000203	0.000222	0.000119	0.0983	0.00000208	0.000135	0.000461	0.00143	0
2095 Mar	0.0406	0.00000742	1.42	6.04	0.0349	0.000575	11	0.00366	0.0274	0.000203	0.000222	0.000119	0.0983	0.00000208	0.000135	0.000461	0.00143	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0406	0.00000743	1.42	6.04	0.0349	0.000575	11	0.00366	0.0274	0.000203	0.000222	0.000119	0.0983	0.00000208	0.000135	0.000461	0.00143	0
2095 May	0.0407	0.00000743	1.42	6.04	0.035	0.000575	11	0.00366	0.0275	0.000204	0.000222	0.000119	0.0985	0.00000208	0.000135	0.000463	0.00143	0
2095 Jun	0.0409	0.00000745	1.43	6.04	0.0353	0.000574	11	0.00366	0.0276	0.000206	0.000223	0.000119	0.0988	0.00000208	0.000135	0.000465	0.00144	0
2095 Jul	0.0411	0.00000748	1.43	6.06	0.0354	0.000577	11	0.00368	0.0277	0.000207	0.000223	0.00012	0.0992	0.00000209	0.000136	0.000467	0.00144	0
2095 Aug	0.0411	0.00000749	1.43	6.07	0.0354	0.000578	11	0.00368	0.0277	0.000207	0.000224	0.00012	0.0992	0.00000209	0.000136	0.000467	0.00144	0
2095 Sep	0.0411	0.0000075	1.43	6.09	0.0354	0.000579	11	0.00369	0.0277	0.000206	0.000224	0.00012	0.0993	0.00000209	0.000136	0.000467	0.00144	0
2095 Oct	0.0411	0.00000751	1.43	6.1	0.0354	0.00058	11	0.00369	0.0277	0.000206	0.000224	0.00012	0.0994	0.00000209	0.000136	0.000467	0.00144	0
2095 Nov	0.0411	0.00000751	1.43	6.1	0.0354	0.00058	11	0.00369	0.0277	0.000206	0.000224	0.00012	0.0994	0.00000209	0.000136	0.000467	0.00144	0
2095 Dec	0.0411	0.00000751	1.43	6.1	0.0354	0.00058	11	0.00369	0.0277	0.000206	0.000224	0.00012	0.0994	0.00000209	0.000136	0.000467	0.00144	0
2096 Jan	0.0411	0.00000751	1.43	6.1	0.0354	0.00058	11	0.00369	0.0277	0.000206	0.000224	0.00012	0.0994	0.00000209	0.000136	0.000467	0.00144	0
2096 Feb	0.0411	0.00000751	1.43	6.1	0.0354	0.00058	11	0.00369	0.0277	0.000206	0.000224	0.00012	0.0994	0.00000209	0.000136	0.000467	0.00144	0
2096 Mar	0.0411	0.00000751	1.43	6.1	0.0354	0.00058	11	0.00369	0.0277	0.000206	0.000224	0.00012	0.0994	0.00000209	0.000136	0.000467	0.00144	0
2096 Apr	0.0411	0.00000751	1.43	6.11	0.0354	0.000581	11	0.00369	0.0277	0.000206	0.000224	0.00012	0.0994	0.00000209	0.000136	0.000467	0.00144	0
2096 May	0.0412	0.00000752	1.44	6.12	0.0355	0.000581	11	0.0037	0.0278	0.000207	0.000224	0.00012	0.0996	0.00000209	0.000137	0.000468	0.00144	0
2096 Jun	0.0412	0.00000752	1.43	6.1	0.0356	0.000579	10.9	0.00369	0.0278	0.000208	0.000224	0.00012	0.0994	0.00000208	0.000136	0.000469	0.00144	0
2096 Jul	0.0413	0.00000755	1.43	6.12	0.0356	0.00058	10.9	0.00369	0.0279	0.000208	0.000225	0.00012	0.0996	0.00000209	0.000137	0.00047	0.00145	0
2096 Aug	0.0415	0.00000757	1.44	6.14	0.0358	0.000583	10.9	0.00371	0.028	0.000209	0.000226	0.000121	0.1	0.00000209	0.000137	0.000472	0.00145	0
2096 Sep	0.0414	0.00000758	1.44	6.15	0.0358	0.000584	10.9	0.00371	0.028	0.000208	0.000226	0.000121	0.1	0.00000209	0.000137	0.000471	0.00145	0
2096 Oct	0.0414	0.00000758	1.44	6.15	0.0357	0.000584	10.9	0.00371	0.028	0.000207	0.000225	0.000121	0.0998	0.00000209	0.000137	0.00047	0.00145	0
2096 Nov	0.0414	0.00000758	1.44	6.15	0.0356	0.000584	10.9	0.00371	0.028	0.000207	0.000225	0.000121	0.0998	0.00000209	0.000137	0.00047	0.00145	0
2096 Dec	0.0414	0.00000758	1.44	6.15	0.0356	0.000584	10.9	0.00371	0.028	0.000207	0.000225	0.000121	0.0998	0.00000209	0.000137	0.00047	0.00145	0
2097 Jan	0.0414	0.00000758	1.44	6.15	0.0356	0.000584	10.9	0.00371	0.028	0.000207	0.000225	0.000121	0.0998	0.00000209	0.000137	0.00047	0.00145	0
2097 Feb	0.0414	0.00000758	1.44	6.15	0.0356	0.000584	10.9	0.00371	0.028	0.000207	0.000225	0.000121	0.0998	0.00000209	0.000137	0.00047	0.00145	0
2097 Mar	0.0414	0.00000758	1.44	6.15	0.0357	0.000584	10.9	0.00371	0.028	0.000207	0.000225	0.000121	0.0998	0.00000209	0.000137	0.00047	0.00145	0
2097 Apr	0.0414	0.00000758	1.44	6.15	0.0357	0.000585	10.9	0.00371	0.0281	0.000207	0.000225	0.000121	0.0999	0.00000209	0.000137	0.00047	0.00145	0
2097 May	0.0415	0.00000759	1.44	6.16	0.0358	0.000585	10.9	0.00371	0.0281	0.000208	0.000226	0.000121	0.1	0.00000209	0.000137	0.000471	0.00145	0
2097 Jun	0.0417	0.0000076	1.44	6.15	0.036	0.000584	10.9	0.00371	0.0282	0.00021	0.000226	0.000121	0.1	0.00000209	0.000137	0.000474	0.00145	0
2097 Jul	0.0418	0.00000763	1.44	6.17	0.0361	0.000586	10.9	0.00372	0.0283	0.000211	0.000227	0.000121	0.101	0.00000209	0.000138	0.000475	0.00146	0
2097 Aug	0.0419	0.00000765	1.45	6.19	0.0362	0.000588	10.9	0.00373	0.0284	0.000211	0.000227	0.000121	0.101	0.0000021	0.000138	0.000476	0.00146	0
2097 Sep	0.042	0.00000766	1.45	6.2	0.0362	0.000589	10.9	0.00374	0.0284	0.000211	0.000228	0.000122	0.101	0.0000021	0.000138	0.000477	0.00146	0
2097 Oct	0.0419	0.00000767	1.45	6.21	0.0362	0.000589	10.9	0.00374	0.0284	0.000211	0.000228	0.000122	0.101	0.0000021	0.000139	0.000477	0.00146	0
2097 Nov	0.0419	0.00000767	1.45	6.21	0.0362	0.000589	10.9	0.00374	0.0284	0.000211	0.000228	0.000122	0.101	0.0000021	0.000139	0.000476	0.00146	0
2097 Dec	0.0419	0.00000766	1.45	6.21	0.0362	0.000589	10.9	0.00374	0.0284	0.000211	0.000228	0.000122	0.101	0.0000021	0.000138	0.000476	0.00146	0
2098 Jan	0.0419	0.00000767	1.45	6.21	0.0362	0.000589	10.9	0.00374	0.0284	0.000211	0.000228	0.000122	0.101	0.0000021	0.000139	0.000476	0.00146	0
2098 Feb	0.0419	0.00000767	1.45	6.21	0.0362	0.000589	10.9	0.00374	0.0284	0.000211	0.000228	0.000122	0.101	0.0000021	0.000139	0.000476	0.00146	0
2098 Mar	0.0419	0.00000767	1.45	6.21	0.0362	0.000589	10.9	0.00374	0.0284	0.000211	0.000228	0.000122	0.101	0.0000021	0.000139	0.000476	0.00146	0
2098 Apr	0.0419	0.00000767	1.45	6.21	0.0362	0.00059	10.9	0.00374	0.0284	0.000211	0.000228	0.000122	0.101	0.0000021	0.000139	0.000476	0.00146	0
2098 May	0.0421	0.00000768	1.45	6.21	0.0364	0.000589	10.9	0.00374	0.0285	0.000213	0.000228	0.000122	0.101	0.0000021	0.000138	0.000479	0.00146	0
2098 Jun	0.0423	0.00000766	1.45	6.17	0.0366	0.000585	10.8	0.00372	0.0285	0.000215	0.000227	0.000121	0.101	0.00000209	0.000138	0.000481	0.00146	0
2098 Jul	0.0425	0.00000769	1.45	6.19	0.0367	0.000587	10.9	0.00373	0.0287	0.000216	0.000228	0.000122	0.102	0.0000021	0.000138	0.000483	0.00146	0
2098 Aug	0.0425	0.00000771	1.45	6.21	0.0368	0.000589	10.9	0.00374	0.0287	0.000216	0.000228	0.000122	0.102	0.0000021	0.000139	0.000483	0.00146	0
2098 Sep	0.0424	0.00000771	1.45	6.21	0.0367	0.000589	10.8	0.00374	0.0287	0.000215	0.000228	0.000122	0.102	0.00000209	0.000139	0.000482	0.00146	0
2098 Oct	0.0423	0.00000771	1.45	6.21	0.0366	0.00059	10.8	0.00374	0.0287	0.000214	0.000228	0.000122	0.101	0.00000209	0.000139	0.000481	0.00146	0
2098 Nov	0.0423	0.00000771	1.45	6.21	0.0366	0.00059	10.8	0.00374	0.0287	0.000214	0.000227	0.000122	0.101	0.00000209	0.000139	0.00048	0.00146	0
2098 Dec	0.0423	0.00000771	1.45	6.21	0.0366	0.00059	10.8	0.00374	0.0287	0.000214	0.000228	0.000122	0.101	0.00000209	0.000139	0.00048	0.00146	0
2099 Jan	0.0423	0.00000771	1.45	6.21	0.0366	0.00059	10.8	0.00374	0.0287	0.000214	0.000228	0.000122	0.101	0.00000209	0.000139	0.00048	0.00146	0
2099 Feb	0.0423	0.00000771	1.45	6.21	0.0366	0.00059	10.8	0.00374	0.0287	0.000214	0.000228	0.000122	0.101	0.00000209	0.000139	0.00048	0.00146	0
2099 Mar	0.0423	0.00000771	1.45	6.21	0.0366	0.00059	10.8	0.00374	0.0287	0.000214	0.000228	0.000122	0.101	0.00000209	0.000139	0.00048	0.00146	0
2099 Apr	0.0424	0.00000771	1.45	6.21	0.0366	0.00059	10.8	0.00374	0.0287	0.000214	0.000228	0.000122	0.101	0.00000209	0.000139	0.000481	0.00146	0
2099 May	0.0428	0.00000772	1.45	6.2	0.037	0.000589	10.8	0.00373	0.0288	0.000217	0.000228	0.000122	0.102	0.00000209	0.000138	0.000485	0.00146	0
2099 Jun	0.0428	0.00000772	1.45	6.19	0.0371	0.000588	10.7	0.00373	0.0289	0.000218	0.000227	0.000122	0.102	0.00000208	0.000138	0.000486	0.00146	0
2099 Jul	0.043	0.00000775	1.46	6.22	0.0372	0.00059	10.8	0.00374	0.029	0.000219	0.000228	0.000122	0.102	0.00000209	0.000139	0.000488	0.00146	0
2099 Aug	0.0431	0.00000778	1.46	6.24	0.0374	0.000592	10.8	0.00375	0.0291	0.000219	0.000229	0.000122	0.103	0.0000021	0.000139	0.000489	0.00147	0
2099 Sep	0.043	0.00000778	1.46	6.25	0.0373	0.000593	10.8	0.00376	0.0291	0.000219	0.000229	0.000122	0.103	0.00000209	0.000139	0.000488	0.00147	0
2099 Oct	0.043	0.00000778	1.46	6.25	0.0373	0.000593	10.8	0.00376	0.0291	0.000218	0.000229	0.000122	0.103	0.00000209	0.000139	0.000488	0.00146	0
2099 Nov	0.043	0.00000778	1.46	6.25	0.0372	0.000593	10.7	0.00375	0.0291	0.000218	0.000229	0.000122	0.102	0.00000209	0.000139	0.000487	0.00146	0
2099 Dec	0.043	0.00000778	1.46	6.25	0.0372	0.000594	10.7	0.00375	0.0291	0.000218	0.000229	0.000122	0.102	0.00000209	0.000139	0.000487	0.00146	0
2100 Jan	0.043	0.00000778	1.46	6.25	0.0372	0.000594	10.7	0.00375	0.0291	0.000218	0.000229	0.000122	0.102	0.00000209	0.000139	0.000487	0.00146	0
2100 Feb	0.043	0.00000778	1.46	6.25	0.0372	0.000594	10.7	0.00375	0.0291	0.000218	0.000229	0.000122	0.102	0.00000209	0.000139	0.000487	0.00146	0
2100 Mar	0.043	0.00000778	1.46	6.25	0.0372	0.000594	10.7	0.00376	0.0291	0.000218	0.000229	0.000122	0.103	0.00000209	0.000139	0.000487	0.00146	0
2100 Apr	0.043	0.00000778	1.46	6.25	0.0373	0.000594	10.7	0.00376	0.0291	0.000218	0.000229	0.000122	0.103	0.00000209	0.000139	0.000487	0.00146	0
2100 May	0.0432	0.00000779	1.46	6.26	0.0375	0.000594	10.7	0.00376	0.0291	0.00022	0.000229	0.000123	0.103	0.00000209	0.00014	0.00049	0.00146	0
2100 Jun	0.0433	0.00000778	1.46	6.23	0.0376	0.000591	10.7	0.00374	0.0292	0.000222	0.000229	0.000122	0.103	0.00000208	0.000139	0.000491	0.00146	0
2100 Jul	0.0434	0.0000078	1.46	6.24	0.0376	0.000592	10.7	0.00375	0.0292	0.000222	0.000229	0.000122	0.103	0.00000209	0.000139	0.000492	0.00146	0
2100 Aug	0.0434	0.00000781	1.46	6.25	0.0376	0.000593	10.7	0.00375	0.0293	0.000222	0.000229	0.000122	0.103	0.00000209	0.000139	0.000492	0.00146	0
2100 Sep	0.0434	0.00000782	1.46	6.26	0.0376	0.000594	10.7	0.00376	0.0293	0.000222	0.000229	0.000123	0.103	0.00000209	0.000139	0.000492	0.00146	0
2100 Oct	0.0434	0.00000782	1.46	6.26	0.0377	0.000594	10.7	0.00376	0.0293	0.000222	0.000229	0.000123	0.103	0.00000209	0.00014	0.000492	0.00146	0
2100 Nov	0.0434	0.00000782	1.46	6.27	0.0377	0.000595	10.7	0.00376	0.0293	0.000222	0.00023	0.000123	0.103	0.00000209	0.00014	0.000492	0.00147	0
2100 Dec	0.0434	0.00000782	1.46	6.27	0.0377	0.000595	10.7	0.00376	0.0293	0.000222	0.00023	0.000123	0.103	0.00000209	0.00014	0.000492	0.00147	0
2101 Jan	0.0434	0.00000783	1.46	6.27	0.0377	0.000595	10.7	0.00376	0.0293	0.000222	0.00023	0.000123	0.103	0.00000209	0.00014	0.000492	0.00147	0
2101 Feb	0.0434	0.00000783	1.46	6.27	0.0377	0.000595	10.7	0.00376	0.0293	0.000222	0.00023	0.000123	0.103	0.00000209	0.00014	0.000492	0.00147	0
2101 Mar	0.0434	0.00000783	1.46	6.27	0.0377	0.000595	10.7	0.00376	0.0293	0.000222	0.00023	0.000123	0.103	0.00000209	0.00014	0.000492	0.00147	0
2101 Apr	0.0434	0.00000783	1.46	6.27	0.0377	0.000595	10.7	0.00376	0.0293	0.000222	0.00023	0.000123	0.103	0.00000209	0.00014	0.000492	0.00147	0
2101 May	0.0436	0.00000784	1.46	6.27	0.0378	0.000594	10.7	0.00376	0.0294	0.000223	0.00023	0.000123	0.103	0.00000209	0.00014	0.000494	0.00147	0
2101 Jun	0.0437	0.00000783	1.46	6.25	0.038	0.000592	10.6	0.00375	0.0294	0.000225	0.00023	0.000123	0.103	0.00000208	0.000139	0.000495	0.00147	0
2101 Jul	0.0438	0.00000786	1.47	6.27	0.0381	0.000595	10.6	0.00376	0.0295	0.000226	0.00023	0.000123	0.104	0.00000209	0.00014	0.000497	0.00147	0
2101 Aug	0.044	0.00000789	1.47	6.3	0.0382	0.000597	10.7	0.00378	0.0296	0.000226	0.000231	0.000123	0.104	0.0000021	0.00014	0.000499	0.00148	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.0439	0.0000079	1.47	6.31	0.0382	0.000598	10.7	0.00378	0.0296	0.000226	0.000231	0.000124	0.104	0.0000021	0.000141	0.000499	0.00148	0
2101 Oct	0.0439	0.0000079	1.47	6.32	0.0382	0.000599	10.7	0.00379	0.0296	0.000226	0.000231	0.000124	0.104	0.0000021	0.000141	0.000498	0.00148	0
2101 Nov	0.0439	0.0000079	1.47	6.32	0.0382	0.000599	10.7	0.00379	0.0296	0.000225	0.000231	0.000124	0.104	0.00000209	0.000141	0.000498	0.00147	0
2101 Dec	0.0439	0.0000079	1.47	6.32	0.0382	0.000599	10.7	0.00379	0.0296	0.000225	0.000231	0.000123	0.104	0.00000209	0.000141	0.000498	0.00147	0
2102 Jan	0.0439	0.0000079	1.47	6.32	0.0382	0.000599	10.7	0.00379	0.0296	0.000225	0.000231	0.000124	0.104	0.00000209	0.000141	0.000498	0.00147	0
2102 Feb	0.0439	0.0000079	1.47	6.32	0.0382	0.000599	10.7	0.00379	0.0296	0.000225	0.000231	0.000124	0.104	0.00000209	0.000141	0.000498	0.00147	0
2102 Mar	0.0439	0.0000079	1.47	6.32	0.0382	0.000599	10.7	0.00379	0.0296	0.000225	0.000231	0.000124	0.104	0.00000209	0.000141	0.000498	0.00147	0
2102 Apr	0.0439	0.0000079	1.47	6.32	0.0382	0.000599	10.7	0.00379	0.0296	0.000225	0.000231	0.000124	0.104	0.00000209	0.000141	0.000498	0.00147	0
2102 May	0.0439	0.00000791	1.47	6.33	0.0382	0.0006	10.7	0.00379	0.0297	0.000226	0.000232	0.000124	0.104	0.0000021	0.000141	0.000498	0.00148	0
2102 Jun	0.0438	0.00000791	1.47	6.29	0.038	0.000597	10.6	0.00377	0.0297	0.000224	0.000231	0.000123	0.104	0.00000209	0.00014	0.000497	0.00148	0
2102 Jul	0.0438	0.00000792	1.47	6.28	0.0379	0.000596	10.5	0.00377	0.0297	0.000224	0.000231	0.000123	0.104	0.00000209	0.00014	0.000497	0.00148	0
2102 Aug	0.0439	0.00000794	1.47	6.3	0.038	0.000598	10.6	0.00378	0.0298	0.000224	0.000232	0.000123	0.104	0.00000209	0.000141	0.000498	0.00148	0
2102 Sep	0.0439	0.00000795	1.47	6.3	0.038	0.000598	10.6	0.00378	0.0298	0.000224	0.000232	0.000123	0.104	0.00000209	0.000141	0.000498	0.00148	0
2102 Oct	0.0438	0.00000794	1.47	6.29	0.0379	0.000598	10.5	0.00378	0.0298	0.000223	0.000232	0.000123	0.104	0.00000209	0.000141	0.000497	0.00148	0
2102 Nov	0.0438	0.00000794	1.47	6.29	0.0379	0.000598	10.5	0.00378	0.0298	0.000223	0.000232	0.000123	0.104	0.00000209	0.000141	0.000497	0.00148	0
2102 Dec	0.0438	0.00000794	1.47	6.29	0.0379	0.000598	10.5	0.00378	0.0298	0.000223	0.000232	0.000123	0.104	0.00000209	0.000141	0.000497	0.00148	0
2103 Jan	0.0438	0.00000794	1.47	6.29	0.0379	0.000598	10.5	0.00378	0.0298	0.000223	0.000232	0.000123	0.104	0.00000209	0.000141	0.000497	0.00148	0
2103 Feb	0.0438	0.00000794	1.47	6.29	0.0379	0.000598	10.5	0.00378	0.0298	0.000223	0.000232	0.000123	0.104	0.00000209	0.000141	0.000497	0.00148	0
2103 Mar	0.0438	0.00000794	1.47	6.29	0.0379	0.000598	10.5	0.00378	0.0298	0.000223	0.000232	0.000123	0.104	0.00000209	0.000141	0.000497	0.00148	0
2103 Apr	0.0438	0.00000794	1.47	6.3	0.0379	0.000599	10.5	0.00378	0.0298	0.000223	0.000232	0.000123	0.104	0.00000209	0.000141	0.000497	0.00148	0
2103 May	0.044	0.00000796	1.47	6.31	0.0381	0.000599	10.5	0.00378	0.0299	0.000224	0.000232	0.000123	0.104	0.00000209	0.000141	0.000499	0.00148	0
2103 Jun	0.0442	0.00000796	1.47	6.3	0.0383	0.000597	10.5	0.00377	0.0299	0.000227	0.000232	0.000123	0.104	0.00000208	0.00014	0.000501	0.00148	0
2103 Jul	0.0442	0.00000798	1.47	6.31	0.0384	0.000598	10.5	0.00378	0.03	0.000227	0.000232	0.000123	0.104	0.00000209	0.000141	0.000502	0.00148	0
2103 Aug	0.0442	0.00000799	1.47	6.31	0.0384	0.000599	10.5	0.00378	0.0301	0.000227	0.000233	0.000123	0.104	0.00000209	0.000141	0.000501	0.00148	0
2103 Sep	0.0442	0.00000799	1.47	6.31	0.0383	0.0006	10.5	0.00378	0.0301	0.000226	0.000232	0.000123	0.104	0.00000209	0.000141	0.000501	0.00148	0
2103 Oct	0.0441	0.00000799	1.47	6.3	0.0382	0.000599	10.4	0.00378	0.0301	0.000225	0.000232	0.000123	0.104	0.00000208	0.000141	0.000499	0.00148	0
2103 Nov	0.0441	0.00000798	1.46	6.3	0.0381	0.000599	10.4	0.00377	0.0301	0.000225	0.000231	0.000123	0.104	0.00000208	0.000141	0.000498	0.00148	0
2103 Dec	0.0441	0.00000799	1.47	6.3	0.0381	0.000599	10.4	0.00377	0.0301	0.000225	0.000231	0.000123	0.104	0.00000208	0.000141	0.000498	0.00148	0
2104 Jan	0.0441	0.00000799	1.47	6.3	0.0381	0.000599	10.4	0.00377	0.0301	0.000225	0.000231	0.000123	0.104	0.00000208	0.000141	0.000498	0.00148	0
2104 Feb	0.0441	0.00000799	1.47	6.3	0.0381	0.000599	10.4	0.00377	0.0301	0.000225	0.000231	0.000123	0.104	0.00000208	0.000141	0.000498	0.00148	0
2104 Mar	0.0441	0.00000799	1.47	6.3	0.0381	0.000599	10.4	0.00377	0.0301	0.000225	0.000231	0.000123	0.104	0.00000208	0.000141	0.000498	0.00148	0
2104 Apr	0.0441	0.00000799	1.47	6.3	0.0381	0.0006	10.4	0.00378	0.0301	0.000225	0.000232	0.000123	0.104	0.00000208	0.000141	0.000499	0.00148	0
2104 May	0.0443	0.000008	1.47	6.31	0.0384	0.000599	10.4	0.00378	0.0302	0.000227	0.000232	0.000123	0.104	0.00000208	0.000141	0.000501	0.00148	0
2104 Jun	0.0444	0.00000799	1.47	6.28	0.0385	0.000597	10.3	0.00376	0.0302	0.000228	0.000231	0.000123	0.104	0.00000207	0.00014	0.000502	0.00148	0
2104 Jul	0.0445	0.00000802	1.47	6.3	0.0386	0.000599	10.4	0.00377	0.0303	0.000229	0.000232	0.000123	0.104	0.00000208	0.000141	0.000503	0.00148	0
2104 Aug	0.0446	0.00000803	1.47	6.31	0.0386	0.0006	10.4	0.00378	0.0303	0.000229	0.000232	0.000123	0.105	0.00000208	0.000141	0.000504	0.00148	0
2104 Sep	0.0445	0.00000803	1.47	6.31	0.0386	0.0006	10.4	0.00378	0.0303	0.000228	0.000232	0.000123	0.105	0.00000208	0.000141	0.000503	0.00148	0
2104 Oct	0.0445	0.00000803	1.47	6.31	0.0385	0.000601	10.3	0.00378	0.0303	0.000228	0.000232	0.000123	0.104	0.00000208	0.000141	0.000502	0.00148	0
2104 Nov	0.0444	0.00000803	1.47	6.31	0.0385	0.000601	10.3	0.00378	0.0303	0.000227	0.000232	0.000123	0.104	0.00000208	0.000141	0.000502	0.00148	0
2104 Dec	0.0444	0.00000803	1.47	6.31	0.0385	0.000601	10.3	0.00378	0.0303	0.000227	0.000232	0.000123	0.104	0.00000208	0.000141	0.000502	0.00148	0
2105 Jan	0.0444	0.00000803	1.47	6.31	0.0385	0.000601	10.3	0.00378	0.0303	0.000227	0.000232	0.000123	0.104	0.00000208	0.000141	0.000502	0.00148	0
2105 Feb	0.0445	0.00000803	1.47	6.31	0.0385	0.000601	10.3	0.00378	0.0303	0.000227	0.000232	0.000123	0.104	0.00000208	0.000141	0.000502	0.00148	0
2105 Mar	0.0445	0.00000803	1.47	6.31	0.0385	0.000601	10.3	0.00378	0.0303	0.000227	0.000232	0.000123	0.104	0.00000208	0.000141	0.000502	0.00148	0
2105 Apr	0.0445	0.00000803	1.47	6.31	0.0385	0.000601	10.3	0.00378	0.0303	0.000228	0.000232	0.000123	0.104	0.00000208	0.000141	0.000502	0.00148	0
2105 May	0.0446	0.00000804	1.47	6.31	0.0387	0.000601	10.3	0.00378	0.0304	0.000229	0.000232	0.000123	0.105	0.00000208	0.000141	0.000504	0.00148	0
2105 Jun	0.0448	0.00000805	1.47	6.31	0.0388	0.0006	10.3	0.00378	0.0305	0.000231	0.000232	0.000123	0.105	0.00000208	0.000141	0.000506	0.00148	0
2105 Jul	0.0449	0.00000807	1.48	6.33	0.0389	0.000602	10.3	0.00379	0.0305	0.000231	0.000233	0.000124	0.105	0.00000208	0.000141	0.000507	0.00148	0
2105 Aug	0.0448	0.00000808	1.47	6.33	0.0389	0.000603	10.3	0.00379	0.0305	0.000231	0.000233	0.000124	0.105	0.00000208	0.000141	0.000506	0.00148	0
2105 Sep	0.0448	0.00000808	1.47	6.33	0.0388	0.000603	10.3	0.00379	0.0305	0.00023	0.000233	0.000124	0.105	0.00000208	0.000142	0.000505	0.00148	0
2105 Oct	0.0447	0.00000808	1.47	6.33	0.0387	0.000604	10.3	0.00379	0.0305	0.000229	0.000232	0.000123	0.105	0.00000207	0.000142	0.000504	0.00148	0
2105 Nov	0.0447	0.00000808	1.47	6.33	0.0387	0.000604	10.3	0.00379	0.0305	0.000229	0.000232	0.000123	0.105	0.00000207	0.000141	0.000504	0.00148	0
2105 Dec	0.0447	0.00000808	1.47	6.33	0.0387	0.000604	10.3	0.00379	0.0305	0.000229	0.000232	0.000123	0.105	0.00000207	0.000141	0.000504	0.00148	0
2106 Jan	0.0447	0.00000808	1.47	6.33	0.0387	0.000604	10.3	0.00379	0.0305	0.000229	0.000232	0.000123	0.105	0.00000207	0.000141	0.000504	0.00148	0
2106 Feb	0.0447	0.00000808	1.47	6.33	0.0387	0.000604	10.3	0.00379	0.0305	0.000229	0.000232	0.000123	0.105	0.00000207	0.000141	0.000504	0.00148	0
2106 Mar	0.0447	0.00000808	1.47	6.33	0.0387	0.000604	10.3	0.00379	0.0305	0.000229	0.000232	0.000123	0.105	0.00000207	0.000141	0.000504	0.00148	0
2106 Apr	0.0447	0.00000808	1.47	6.33	0.0387	0.000604	10.3	0.00379	0.0305	0.000229	0.000232	0.000123	0.105	0.00000207	0.000142	0.000504	0.00148	0
2106 May	0.0448	0.00000809	1.47	6.34	0.0388	0.000604	10.3	0.00379	0.0306	0.00023	0.000233	0.000124	0.105	0.00000208	0.000142	0.000505	0.00148	0
2106 Jun	0.0449	0.00000809	1.47	6.31	0.0389	0.000601	10.2	0.00377	0.0306	0.000231	0.000232	0.000123	0.105	0.00000207	0.000141	0.000506	0.00148	0
2106 Jul	0.045	0.00000811	1.47	6.33	0.0389	0.000603	10.2	0.00378	0.0307	0.000231	0.000233	0.000124	0.105	0.00000207	0.000141	0.000507	0.00148	0
2106 Aug	0.045	0.00000812	1.47	6.33	0.0389	0.000604	10.2	0.00379	0.0308	0.000231	0.000233	0.000124	0.105	0.00000207	0.000142	0.000507	0.00148	0
2106 Sep	0.0449	0.00000813	1.47	6.34	0.0389	0.000605	10.2	0.00379	0.0308	0.00023	0.000233	0.000124	0.105	0.00000207	0.000142	0.000506	0.00148	0
2106 Oct	0.0449	0.00000813	1.47	6.34	0.0388	0.000605	10.2	0.00379	0.0308	0.00023	0.000233	0.000124	0.105	0.00000207	0.000142	0.000506	0.00148	0
2106 Nov	0.0449	0.00000813	1.47	6.35	0.0388	0.000605	10.2	0.00379	0.0308	0.00023	0.000233	0.000124	0.105	0.00000207	0.000142	0.000506	0.00148	0
2106 Dec	0.0449	0.00000813	1.47	6.35	0.0389	0.000605	10.2	0.00379	0.0308	0.00023	0.000233	0.000124	0.105	0.00000207	0.000142	0.000506	0.00148	0
2107 Jan	0.0449	0.00000813	1.47	6.35	0.0389	0.000605	10.2	0.00379	0.0308	0.00023	0.000233	0.000124	0.105	0.00000207	0.000142	0.000506	0.00148	0
2107 Feb	0.0449	0.00000813	1.47	6.35	0.0389	0.000605	10.2	0.00379	0.0308	0.00023	0.000233	0.000124	0.105	0.00000207	0.000142	0.000506	0.00148	0
2107 Mar	0.0449	0.00000813	1.47	6.35	0.0389	0.000605	10.2	0.00379	0.0308	0.00023	0.000233	0.000124	0.105	0.00000207	0.000142	0.000506	0.00148	0
2107 Apr	0.0449	0.00000813	1.47	6.35	0.0389	0.000606	10.2	0.00379	0.0308	0.00023	0.000233	0.000124	0.105	0.00000207	0.000142	0.000506	0.00148	0
2107 May	0.045	0.00000814	1.47	6.35	0.039	0.000605	10.2	0.00379	0.0308	0.000231	0.000233	0.000124	0.105	0.00000207	0.000142	0.000507	0.00148	0
2107 Jun	0.0452	0.00000814	1.47	6.33	0.0391	0.000604	10.1	0.00378	0.0309	0.000233	0.000233	0.000124	0.105	0.00000207	0.000142	0.000509	0.00148	0
2107 Jul	0.0452	0.00000816	1.47	6.34	0.0392	0.000605	10.1	0.00379	0.0309	0.000233	0.000233	0.000124	0.105	0.00000207	0.000142	0.00051	0.00148	0
2107 Aug	0.0453	0.00000818	1.48	6.36	0.0393	0.000607	10.2	0.0038	0.031	0.000233	0.000234	0.000124	0.106	0.00000208	0.000142	0.000511	0.00149	0
2107 Sep	0.0453	0.00000819	1.48	6.38	0.0393	0.000608	10.2	0.00381	0.031	0.000233	0.000234	0.000124	0.106	0.00000208	0.000143	0.000511	0.00149	0
2107 Oct	0.0453	0.00000819	1.48	6.38	0.0392	0.000608	10.2	0.00381	0.031	0.000233	0.000234	0.000124	0.106	0.00000208	0.000143	0.00051	0.00149	0
2107 Nov	0.0453	0.00000819	1.48	6.38	0.0392	0.000608	10.2	0.00381	0.031	0.000233	0.000234	0.000124	0.106	0.00000207	0.000143	0.00051	0.00149	0
2107 Dec	0.0453	0.00000819	1.48	6.38	0.0392	0.000609	10.2	0.00381	0.031	0.000233	0.000234	0.000124	0.106	0.00000207	0.000143	0.00051	0.00149	0
2108 Jan	0.0453	0.00000819	1.48	6.38	0.0392	0.000609	10.2	0.00381	0.031	0.000233	0.000234	0.000124	0.106	0.00000207	0.000143	0.00051	0.00149	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0453	0.00000819	1.48	6.38	0.0392	0.000609	10.2	0.00381	0.0311	0.000233	0.000234	0.000124	0.106	0.00000207	0.000143	0.00051	0.00149	0
2108 Mar	0.0453	0.00000819	1.48	6.38	0.0392	0.000609	10.2	0.00381	0.0311	0.000233	0.000234	0.000124	0.106	0.00000207	0.000143	0.00051	0.00149	0
2108 Apr	0.0453	0.0000082	1.48	6.39	0.0393	0.000609	10.2	0.00381	0.0311	0.000233	0.000234	0.000124	0.106	0.00000208	0.000143	0.000511	0.00149	0
2108 May	0.0454	0.00000821	1.48	6.4	0.0393	0.00061	10.2	0.00382	0.0311	0.000233	0.000235	0.000124	0.106	0.00000208	0.000143	0.000511	0.00149	0
2108 Jun	0.0455	0.00000821	1.48	6.37	0.0393	0.000608	10.1	0.00381	0.0312	0.000234	0.000235	0.000124	0.106	0.00000208	0.000143	0.000512	0.00149	0
2108 Jul	0.0456	0.00000824	1.48	6.39	0.0394	0.00061	10.2	0.00382	0.0313	0.000234	0.000235	0.000125	0.106	0.00000208	0.000143	0.000514	0.0015	0
2108 Aug	0.0457	0.00000827	1.49	6.42	0.0396	0.000612	10.2	0.00384	0.0314	0.000235	0.000236	0.000125	0.107	0.00000209	0.000144	0.000515	0.0015	0
2108 Sep	0.0458	0.00000828	1.49	6.43	0.0396	0.000613	10.2	0.00384	0.0314	0.000235	0.000237	0.000125	0.107	0.00000209	0.000144	0.000516	0.0015	0
2108 Oct	0.0456	0.00000827	1.49	6.42	0.0395	0.000613	10.2	0.00383	0.0314	0.000234	0.000236	0.000125	0.106	0.00000209	0.000144	0.000514	0.0015	0
2108 Nov	0.0456	0.00000827	1.49	6.42	0.0395	0.000613	10.2	0.00383	0.0314	0.000234	0.000236	0.000125	0.106	0.00000208	0.000144	0.000514	0.0015	0
2108 Dec	0.0456	0.00000827	1.49	6.42	0.0395	0.000613	10.2	0.00383	0.0314	0.000234	0.000236	0.000125	0.106	0.00000208	0.000144	0.000514	0.0015	0
2109 Jan	0.0456	0.00000827	1.49	6.42	0.0395	0.000613	10.2	0.00383	0.0314	0.000234	0.000236	0.000125	0.106	0.00000208	0.000144	0.000514	0.0015	0
2109 Feb	0.0456	0.00000827	1.49	6.42	0.0395	0.000613	10.2	0.00383	0.0314	0.000234	0.000236	0.000125	0.106	0.00000208	0.000144	0.000514	0.0015	0
2109 Mar	0.0456	0.00000827	1.49	6.42	0.0395	0.000613	10.2	0.00383	0.0314	0.000234	0.000236	0.000125	0.106	0.00000209	0.000144	0.000514	0.0015	0
2109 Apr	0.0457	0.00000828	1.49	6.43	0.0395	0.000613	10.2	0.00384	0.0314	0.000234	0.000236	0.000125	0.106	0.00000209	0.000144	0.000514	0.0015	0
2109 May	0.0458	0.00000829	1.49	6.42	0.0396	0.000613	10.2	0.00384	0.0315	0.000235	0.000236	0.000125	0.107	0.00000209	0.000144	0.000516	0.0015	0
2109 Jun	0.046	0.0000083	1.49	6.42	0.0398	0.000612	10.2	0.00383	0.0316	0.000237	0.000236	0.000125	0.107	0.00000209	0.000144	0.000518	0.0015	0
2109 Jul	0.0461	0.00000832	1.49	6.44	0.0399	0.000614	10.2	0.00384	0.0316	0.000238	0.000237	0.000125	0.107	0.00000209	0.000144	0.000519	0.0015	0
2109 Aug	0.0462	0.00000834	1.5	6.46	0.04	0.000616	10.2	0.00385	0.0317	0.000238	0.000238	0.000126	0.107	0.00000209	0.000144	0.00052	0.00151	0
2109 Sep	0.0462	0.00000835	1.5	6.47	0.04	0.000617	10.2	0.00386	0.0317	0.000237	0.000238	0.000126	0.107	0.00000209	0.000145	0.00052	0.00151	0
2109 Oct	0.0461	0.00000834	1.49	6.46	0.0398	0.000617	10.1	0.00385	0.0317	0.000236	0.000237	0.000126	0.107	0.00000209	0.000144	0.000518	0.0015	0
2109 Nov	0.0461	0.00000834	1.49	6.47	0.0398	0.000617	10.1	0.00385	0.0317	0.000236	0.000237	0.000126	0.107	0.00000209	0.000145	0.000518	0.0015	0
2109 Dec	0.0461	0.00000834	1.49	6.47	0.0398	0.000617	10.1	0.00385	0.0317	0.000236	0.000237	0.000126	0.107	0.00000209	0.000145	0.000518	0.0015	0
2110 Jan	0.0461	0.00000834	1.49	6.47	0.0398	0.000617	10.1	0.00385	0.0317	0.000236	0.000237	0.000126	0.107	0.00000209	0.000145	0.000518	0.0015	0
2110 Feb	0.0461	0.00000834	1.49	6.47	0.0398	0.000617	10.1	0.00385	0.0317	0.000236	0.000237	0.000126	0.107	0.00000209	0.000145	0.000518	0.0015	0
2110 Mar	0.0461	0.00000834	1.49	6.47	0.0398	0.000617	10.1	0.00386	0.0317	0.000236	0.000237	0.000126	0.107	0.00000209	0.000145	0.000518	0.0015	0
2110 Apr	0.0461	0.00000834	1.49	6.47	0.0398	0.000617	10.1	0.00386	0.0317	0.000236	0.000237	0.000126	0.107	0.00000209	0.000145	0.000518	0.0015	0
2110 May	0.0461	0.00000835	1.49	6.48	0.0399	0.000618	10.1	0.00386	0.0317	0.000237	0.000237	0.000126	0.107	0.00000209	0.000145	0.000519	0.0015	0
2110 Jun	0.0463	0.00000835	1.49	6.47	0.0401	0.000616	10.1	0.00385	0.0318	0.000239	0.000237	0.000126	0.107	0.00000208	0.000144	0.000521	0.0015	0
2110 Jul	0.0464	0.00000837	1.5	6.48	0.0401	0.000617	10.1	0.00386	0.0319	0.000239	0.000238	0.000126	0.108	0.00000209	0.000145	0.000522	0.00151	0
2110 Aug	0.0462	0.00000837	1.49	6.47	0.04	0.000617	10	0.00385	0.0318	0.000238	0.000237	0.000125	0.107	0.00000208	0.000144	0.000519	0.0015	0
2110 Sep	0.0461	0.00000836	1.49	6.46	0.0398	0.000617	9.98	0.00384	0.0318	0.000236	0.000236	0.000125	0.107	0.00000208	0.000144	0.000517	0.0015	0
2110 Oct	0.0459	0.00000835	1.48	6.44	0.0396	0.000616	9.94	0.00383	0.0318	0.000235	0.000236	0.000125	0.107	0.00000207	0.000144	0.000515	0.00149	0
2110 Nov	0.0459	0.00000835	1.48	6.44	0.0396	0.000616	9.92	0.00383	0.0318	0.000234	0.000235	0.000125	0.107	0.00000207	0.000144	0.000514	0.00149	0
2110 Dec	0.0459	0.00000835	1.48	6.44	0.0396	0.000616	9.92	0.00383	0.0318	0.000234	0.000235	0.000125	0.107	0.00000207	0.000144	0.000514	0.00149	0
2111 Jan	0.0459	0.00000835	1.48	6.44	0.0396	0.000617	9.92	0.00383	0.0318	0.000234	0.000235	0.000125	0.107	0.00000207	0.000144	0.000514	0.00149	0
2111 Feb	0.0459	0.00000835	1.48	6.44	0.0396	0.000617	9.92	0.00383	0.0318	0.000234	0.000235	0.000125	0.107	0.00000207	0.000144	0.000514	0.00149	0
2111 Mar	0.0459	0.00000835	1.48	6.44	0.0396	0.000617	9.93	0.00383	0.0318	0.000234	0.000235	0.000125	0.107	0.00000207	0.000144	0.000514	0.00149	0
2111 Apr	0.0459	0.00000836	1.48	6.44	0.0396	0.000617	9.93	0.00383	0.0318	0.000234	0.000236	0.000125	0.107	0.00000207	0.000144	0.000514	0.00149	0
2111 May	0.0461	0.00000836	1.48	6.45	0.0397	0.000617	9.93	0.00384	0.0319	0.000235	0.000236	0.000125	0.107	0.00000207	0.000144	0.000516	0.00149	0
2111 Jun	0.0463	0.00000836	1.48	6.42	0.04	0.000614	9.89	0.00382	0.0319	0.000238	0.000235	0.000125	0.107	0.00000207	0.000144	0.000518	0.00149	0
2111 Jul	0.0464	0.0000084	1.49	6.45	0.0401	0.000617	9.93	0.00384	0.032	0.000239	0.000236	0.000125	0.107	0.00000207	0.000144	0.00052	0.0015	0
2111 Aug	0.0464	0.0000084	1.49	6.46	0.0401	0.000617	9.92	0.00384	0.032	0.000238	0.000236	0.000125	0.107	0.00000207	0.000144	0.00052	0.0015	0
2111 Sep	0.0464	0.00000841	1.49	6.47	0.04	0.000619	9.91	0.00385	0.0321	0.000238	0.000237	0.000125	0.107	0.00000207	0.000145	0.000519	0.0015	0
2111 Oct	0.0463	0.0000084	1.49	6.46	0.0399	0.000619	9.88	0.00384	0.032	0.000237	0.000236	0.000125	0.107	0.00000207	0.000145	0.000518	0.0015	0
2111 Nov	0.0462	0.0000084	1.48	6.46	0.0399	0.000619	9.85	0.00384	0.032	0.000236	0.000236	0.000125	0.107	0.00000207	0.000144	0.000517	0.00149	0
2111 Dec	0.0462	0.0000084	1.48	6.46	0.0399	0.000619	9.85	0.00384	0.032	0.000236	0.000236	0.000125	0.107	0.00000207	0.000144	0.000517	0.00149	0
2112 Jan	0.0462	0.0000084	1.48	6.46	0.0399	0.000619	9.85	0.00384	0.032	0.000236	0.000236	0.000125	0.107	0.00000207	0.000144	0.000517	0.00149	0
2112 Feb	0.0462	0.0000084	1.48	6.46	0.0399	0.000619	9.85	0.00384	0.032	0.000236	0.000236	0.000125	0.107	0.00000207	0.000144	0.000517	0.00149	0
2112 Mar	0.0462	0.0000084	1.48	6.46	0.0399	0.000619	9.85	0.00384	0.032	0.000236	0.000236	0.000125	0.107	0.00000207	0.000144	0.000517	0.00149	0
2112 Apr	0.0462	0.00000841	1.49	6.46	0.0399	0.000619	9.86	0.00384	0.0321	0.000236	0.000236	0.000125	0.107	0.00000207	0.000145	0.000517	0.00149	0
2112 May	0.0464	0.00000842	1.49	6.47	0.04	0.000619	9.86	0.00384	0.0321	0.000238	0.000236	0.000125	0.107	0.00000207	0.000145	0.000519	0.0015	0
2112 Jun	0.0465	0.00000839	1.48	6.43	0.0402	0.000615	9.77	0.00382	0.0321	0.00024	0.000235	0.000125	0.107	0.00000206	0.000144	0.00052	0.00149	0
2112 Jul	0.0465	0.00000841	1.48	6.44	0.0402	0.000616	9.78	0.00383	0.0322	0.00024	0.000236	0.000125	0.107	0.00000206	0.000144	0.000521	0.00149	0
2112 Aug	0.0466	0.00000844	1.49	6.47	0.0403	0.000618	9.8	0.00384	0.0322	0.00024	0.000237	0.000125	0.108	0.00000206	0.000145	0.000522	0.0015	0
2112 Sep	0.0466	0.00000845	1.49	6.49	0.0403	0.00062	9.79	0.00385	0.0323	0.00024	0.000237	0.000125	0.108	0.00000206	0.000145	0.000522	0.0015	0
2112 Oct	0.0466	0.00000845	1.49	6.5	0.0403	0.000621	9.78	0.00385	0.0323	0.00024	0.000237	0.000125	0.108	0.00000206	0.000145	0.000522	0.0015	0
2112 Nov	0.0466	0.00000845	1.49	6.51	0.0403	0.000621	9.78	0.00385	0.0323	0.00024	0.000237	0.000126	0.108	0.00000206	0.000145	0.000522	0.0015	0
2112 Dec	0.0466	0.00000845	1.49	6.51	0.0403	0.000621	9.78	0.00385	0.0323	0.00024	0.000237	0.000126	0.108	0.00000206	0.000145	0.000522	0.0015	0
2113 Jan	0.0466	0.00000845	1.49	6.51	0.0403	0.000621	9.78	0.00385	0.0323	0.00024	0.000237	0.000126	0.108	0.00000206	0.000145	0.000522	0.0015	0
2113 Feb	0.0466	0.00000846	1.49	6.51	0.0403	0.000621	9.78	0.00385	0.0323	0.00024	0.000237	0.000126	0.108	0.00000206	0.000145	0.000522	0.0015	0
2113 Mar	0.0466	0.00000846	1.49	6.51	0.0403	0.000621	9.79	0.00386	0.0323	0.00024	0.000237	0.000126	0.108	0.00000206	0.000145	0.000522	0.0015	0
2113 Apr	0.0466	0.00000846	1.49	6.51	0.0403	0.000622	9.79	0.00386	0.0323	0.00024	0.000237	0.000126	0.108	0.00000206	0.000145	0.000522	0.0015	0
2113 May	0.0468	0.00000847	1.49	6.52	0.0405	0.000622	9.79	0.00386	0.0323	0.000241	0.000238	0.000126	0.108	0.00000207	0.000145	0.000524	0.0015	0
2113 Jun	0.0469	0.00000847	1.49	6.5	0.0406	0.00062	9.76	0.00385	0.0324	0.000243	0.000237	0.000126	0.108	0.00000206	0.000145	0.000526	0.0015	0
2113 Jul	0.047	0.00000849	1.5	6.52	0.0407	0.000622	9.78	0.00386	0.0325	0.000243	0.000238	0.000126	0.108	0.00000207	0.000145	0.000527	0.0015	0
2113 Aug	0.0471	0.00000852	1.5	6.54	0.0408	0.000624	9.8	0.00387	0.0325	0.000244	0.000239	0.000126	0.109	0.00000207	0.000146	0.000528	0.00151	0
2113 Sep	0.0471	0.00000852	1.5	6.55	0.0408	0.000625	9.79	0.00388	0.0325	0.000243	0.000239	0.000126	0.109	0.00000207	0.000146	0.000527	0.00151	0
2113 Oct	0.0469	0.0000085	1.49	6.53	0.0406	0.000624	9.74	0.00387	0.0325	0.000242	0.000238	0.000126	0.108	0.00000206	0.000146	0.000525	0.0015	0
2113 Nov	0.0469	0.0000085	1.49	6.53	0.0405	0.000624	9.73	0.00386	0.0325	0.000241	0.000238	0.000126	0.108	0.00000206	0.000146	0.000524	0.0015	0
2113 Dec	0.0469	0.0000085	1.49	6.53	0.0405	0.000624	9.73	0.00386	0.0325	0.000241	0.000238	0.000126	0.108	0.00000206	0.000146	0.000524	0.0015	0
2114 Jan	0.0469	0.0000085	1.49	6.53	0.0405	0.000624	9.73	0.00386	0.0325	0.000241	0.000238	0.000126	0.108	0.00000206	0.000146	0.000524	0.0015	0
2114 Feb	0.0469	0.0000085	1.49	6.53	0.0405	0.000624	9.73	0.00386	0.0325	0.000241	0.000238	0.000126	0.108	0.00000206	0.000146	0.000524	0.0015	0
2114 Mar	0.0469	0.00000851	1.49	6.53	0.0406	0.000624	9.73	0.00386	0.0325	0.000241	0.000238	0.000126	0.108	0.00000206	0.000146	0.000524	0.0015	0
2114 Apr	0.0469	0.00000851	1.49	6.53	0.0406	0.000624	9.73	0.00387	0.0325	0.000241	0.000238	0.000126	0.108	0.00000206	0.000146	0.000525	0.0015	0
2114 May	0.047	0.00000851	1.49	6.54	0.0407	0.000624	9.72	0.00387	0.0326	0.000243	0.000238	0.000126	0.108	0.00000206	0.000146	0.000526	0.0015	0
2114 Jun	0.0473	0.00000853	1.5	6.55	0.0409	0.000624	9.71	0.00387	0.0327	0.000245	0.000238	0.000126	0.109	0.00000206	0.000146	0.000529	0.0015	0

Appendix D.2-22: PUM03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.0474	0.00000857	1.5	6.58	0.0411	0.000627	9.75	0.00388	0.0328	0.000245	0.000239	0.000127	0.109	0.00000207	0.000146	0.000531	0.00151	0
2114 Aug	0.0476	0.0000086	1.51	6.61	0.0412	0.00063	9.78	0.0039	0.0329	0.000246	0.00024	0.000127	0.11	0.00000208	0.000147	0.000533	0.00151	0
2114 Sep	0.0475	0.0000086	1.51	6.62	0.0412	0.000631	9.77	0.00391	0.0329	0.000246	0.00024	0.000127	0.11	0.00000208	0.000147	0.000532	0.00151	0
2114 Oct	0.0475	0.0000086	1.51	6.62	0.0411	0.000631	9.75	0.00391	0.0329	0.000245	0.00024	0.000127	0.109	0.00000207	0.000147	0.000531	0.00151	0
2114 Nov	0.0474	0.0000086	1.5	6.62	0.041	0.000632	9.73	0.0039	0.0329	0.000244	0.00024	0.000127	0.109	0.00000207	0.000147	0.00053	0.00151	0
2114 Dec	0.0474	0.0000086	1.5	6.62	0.041	0.000632	9.73	0.0039	0.0329	0.000244	0.00024	0.000127	0.109	0.00000207	0.000147	0.00053	0.00151	0
2115 Jan	0.0474	0.0000086	1.5	6.62	0.041	0.000632	9.73	0.0039	0.0329	0.000244	0.00024	0.000127	0.109	0.00000207	0.000147	0.00053	0.00151	0
2115 Feb	0.0474	0.0000086	1.5	6.62	0.041	0.000632	9.73	0.0039	0.0329	0.000244	0.00024	0.000127	0.109	0.00000207	0.000147	0.00053	0.00151	0
2115 Mar	0.0474	0.0000086	1.5	6.62	0.0411	0.000632	9.73	0.0039	0.0329	0.000244	0.00024	0.000127	0.109	0.00000207	0.000147	0.00053	0.00151	0
2115 Apr	0.0474	0.0000086	1.5	6.63	0.0411	0.000632	9.73	0.00391	0.0329	0.000244	0.00024	0.000127	0.109	0.00000207	0.000147	0.00053	0.00151	0
2115 May	0.0475	0.0000086	1.51	6.62	0.0412	0.000631	9.72	0.0039	0.0329	0.000246	0.00024	0.000127	0.11	0.00000207	0.000147	0.000532	0.00151	0
2115 Jun	0.0478	0.00000862	1.51	6.63	0.0414	0.000632	9.73	0.00391	0.0331	0.000248	0.000241	0.000127	0.11	0.00000207	0.000147	0.000534	0.00151	0
2115 Jul	0.0479	0.00000865	1.51	6.65	0.0415	0.000634	9.76	0.00392	0.0332	0.000248	0.000241	0.000128	0.11	0.00000208	0.000148	0.000536	0.00152	0
2115 Aug	0.0478	0.00000865	1.51	6.65	0.0415	0.000634	9.75	0.00392	0.0331	0.000248	0.000241	0.000128	0.11	0.00000208	0.000148	0.000535	0.00152	0
2115 Sep	0.0478	0.00000866	1.51	6.67	0.0415	0.000635	9.75	0.00393	0.0332	0.000247	0.000241	0.000128	0.11	0.00000208	0.000148	0.000535	0.00152	0
2115 Oct	0.0478	0.00000867	1.51	6.68	0.0415	0.000636	9.74	0.00393	0.0332	0.000247	0.000242	0.000128	0.11	0.00000208	0.000148	0.000535	0.00152	0
2115 Nov	0.0478	0.00000867	1.51	6.68	0.0414	0.000637	9.73	0.00393	0.0332	0.000247	0.000241	0.000128	0.11	0.00000208	0.000148	0.000534	0.00152	0
2115 Dec	0.0478	0.00000867	1.51	6.68	0.0414	0.000637	9.73	0.00393	0.0332	0.000247	0.000241	0.000128	0.11	0.00000208	0.000148	0.000534	0.00152	0
2116 Jan	0.0478	0.00000867	1.51	6.68	0.0414	0.000637	9.73	0.00393	0.0332	0.000247	0.000241	0.000128	0.11	0.00000208	0.000148	0.000534	0.00152	0
2116 Feb	0.0478	0.00000867	1.51	6.68	0.0414	0.000637	9.73	0.00393	0.0332	0.000247	0.000241	0.000128	0.11	0.00000208	0.000148	0.000534	0.00152	0
2116 Mar	0.0478	0.00000867	1.51	6.68	0.0414	0.000637	9.73	0.00393	0.0332	0.000247	0.000241	0.000128	0.11	0.00000208	0.000148	0.000534	0.00152	0
2116 Apr	0.0478	0.00000867	1.51	6.68	0.0415	0.000637	9.73	0.00393	0.0332	0.000247	0.000242	0.000128	0.11	0.00000208	0.000148	0.000534	0.00152	0
2116 May	0.0479	0.00000868	1.51	6.7	0.0416	0.000637	9.73	0.00394	0.0332	0.000248	0.000242	0.000128	0.11	0.00000208	0.000149	0.000536	0.00152	0
2116 Jun	0.048	0.00000867	1.51	6.67	0.0417	0.000634	9.66	0.00392	0.0332	0.00025	0.000241	0.000128	0.11	0.00000207	0.000148	0.000537	0.00151	0
2116 Jul	0.0482	0.0000087	1.52	6.69	0.0418	0.000636	9.69	0.00393	0.0334	0.00025	0.000242	0.000128	0.111	0.00000207	0.000148	0.000539	0.00152	0
2116 Aug	0.0483	0.00000873	1.52	6.71	0.042	0.000639	9.71	0.00395	0.0334	0.000251	0.000243	0.000129	0.111	0.00000208	0.000149	0.00054	0.00152	0
2116 Sep	0.0482	0.00000872	1.52	6.72	0.0419	0.000639	9.69	0.00395	0.0334	0.00025	0.000243	0.000128	0.111	0.00000208	0.000149	0.000539	0.00152	0
2116 Oct	0.0481	0.00000872	1.52	6.71	0.0418	0.000639	9.66	0.00394	0.0334	0.000249	0.000242	0.000128	0.111	0.00000207	0.000149	0.000538	0.00152	0
2116 Nov	0.0481	0.00000872	1.52	6.72	0.0417	0.00064	9.66	0.00394	0.0334	0.000249	0.000242	0.000128	0.111	0.00000207	0.000149	0.000538	0.00152	0
2116 Dec	0.0481	0.00000872	1.52	6.72	0.0418	0.00064	9.66	0.00394	0.0334	0.000249	0.000242	0.000128	0.111	0.00000207	0.000149	0.000538	0.00152	0
2117 Jan	0.0481	0.00000872	1.52	6.72	0.0418	0.00064	9.66	0.00394	0.0334	0.000249	0.000242	0.000128	0.111	0.00000207	0.000149	0.000538	0.00152	0
2117 Feb	0.0481	0.00000872	1.52	6.72	0.0418	0.00064	9.66	0.00394	0.0334	0.000249	0.000242	0.000128	0.111	0.00000207	0.000149	0.000538	0.00152	0
2117 Mar	0.0481	0.00000872	1.52	6.72	0.0418	0.00064	9.66	0.00394	0.0334	0.000249	0.000242	0.000128	0.111	0.00000207	0.000149	0.000538	0.00152	0
2117 Apr	0.0481	0.00000873	1.52	6.72	0.0418	0.00064	9.66	0.00395	0.0334	0.000249	0.000242	0.000128	0.111	0.00000207	0.000149	0.000538	0.00152	0
2117 May	0.0483	0.00000873	1.52	6.72	0.0419	0.00064	9.67	0.00395	0.0335	0.00025	0.000243	0.000128	0.111	0.00000208	0.000149	0.000539	0.00152	0
2117 Jun	0.0484	0.00000874	1.52	6.72	0.0421	0.000639	9.66	0.00394	0.0336	0.000252	0.000243	0.000129	0.111	0.00000208	0.000149	0.000541	0.00152	0
2117 Jul	0.0486	0.00000878	1.53	6.74	0.0422	0.000642	9.69	0.00396	0.0337	0.000253	0.000244	0.000129	0.112	0.00000208	0.00015	0.000543	0.00153	0
2117 Aug	0.0487	0.0000088	1.53	6.76	0.0423	0.000643	9.71	0.00397	0.0338	0.000253	0.000244	0.000129	0.112	0.00000209	0.00015	0.000544	0.00153	0
2117 Sep	0.0487	0.00000881	1.53	6.78	0.0423	0.000645	9.72	0.00398	0.0338	0.000253	0.000245	0.000129	0.112	0.00000209	0.00015	0.000545	0.00153	0
2117 Oct	0.0487	0.00000881	1.53	6.78	0.0423	0.000645	9.71	0.00398	0.0338	0.000253	0.000244	0.000129	0.112	0.00000209	0.00015	0.000544	0.00153	0
2117 Nov	0.0487	0.00000881	1.53	6.78	0.0423	0.000645	9.71	0.00398	0.0338	0.000252	0.000244	0.000129	0.112	0.00000209	0.00015	0.000544	0.00153	0
2117 Dec	0.0487	0.00000881	1.53	6.78	0.0423	0.000645	9.7	0.00398	0.0338	0.000252	0.000244	0.000129	0.112	0.00000209	0.00015	0.000544	0.00153	0
2118 Jan	0.0487	0.00000881	1.53	6.78	0.0423	0.000645	9.7	0.00398	0.0338	0.000252	0.000244	0.000129	0.112	0.00000209	0.00015	0.000544	0.00153	0
2118 Feb	0.0487	0.00000881	1.53	6.78	0.0423	0.000645	9.71	0.00398	0.0338	0.000252	0.000244	0.000129	0.112	0.00000209	0.00015	0.000544	0.00153	0
2118 Mar	0.0487	0.00000881	1.53	6.78	0.0423	0.000645	9.71	0.00398	0.0338	0.000252	0.000244	0.000129	0.112	0.00000209	0.00015	0.000544	0.00153	0
2118 Apr	0.0487	0.00000881	1.53	6.78	0.0423	0.000645	9.71	0.00398	0.0338	0.000253	0.000244	0.000129	0.112	0.00000209	0.00015	0.000544	0.00153	0
2118 May	0.0489	0.00000881	1.53	6.77	0.0425	0.000644	9.7	0.00397	0.0339	0.000255	0.000244	0.000129	0.112	0.00000208	0.00015	0.000546	0.00153	0
2118 Jun	0.049	0.00000879	1.53	6.73	0.0426	0.00064	9.64	0.00395	0.0339	0.000257	0.000244	0.000129	0.112	0.00000208	0.000149	0.000548	0.00153	0
2118 Jul	0.0492	0.00000883	1.53	6.76	0.0428	0.000643	9.68	0.00397	0.034	0.000257	0.000245	0.000129	0.112	0.00000208	0.00015	0.00055	0.00153	0
2118 Aug	0.0491	0.00000884	1.53	6.77	0.0428	0.000644	9.67	0.00397	0.034	0.000257	0.000245	0.00013	0.112	0.00000208	0.00015	0.000549	0.00153	0
2118 Sep	0.049	0.00000883	1.53	6.76	0.0426	0.000644	9.63	0.00397	0.034	0.000255	0.000244	0.000129	0.112	0.00000208	0.00015	0.000547	0.00153	0
2118 Oct	0.0489	0.00000882	1.53	6.76	0.0425	0.000644	9.6	0.00396	0.0339	0.000254	0.000244	0.000129	0.112	0.00000207	0.00015	0.000545	0.00153	0
2118 Nov	0.0489	0.00000882	1.53	6.76	0.0425	0.000645	9.59	0.00396	0.0339	0.000254	0.000244	0.000129	0.112	0.00000207	0.00015	0.000545	0.00152	0
2118 Dec	0.0489	0.00000882	1.53	6.76	0.0425	0.000645	9.59	0.00396	0.0339	0.000254	0.000244	0.000129	0.112	0.00000207	0.00015	0.000545	0.00152	0
2119 Jan	0.0489	0.00000882	1.53	6.76	0.0425	0.000645	9.59	0.00396	0.0339	0.000254	0.000244	0.000129	0.112	0.00000207	0.00015	0.000545	0.00152	0
2119 Feb	0.0489	0.00000882	1.53	6.76	0.0425	0.000645	9.59	0.00396	0.0339	0.000254	0.000244	0.000129	0.112	0.00000207	0.00015	0.000545	0.00152	0
2119 Mar	0.0489	0.00000882	1.53	6.76	0.0425	0.000645	9.59	0.00396	0.0339	0.000254	0.000244	0.000129	0.112	0.00000207	0.00015	0.000545	0.00152	0
2119 Apr	0.0489	0.00000883	1.53	6.77	0.0425	0.000645	9.6	0.00397	0.034	0.000254	0.000244	0.000129	0.112	0.00000207	0.00015	0.000546	0.00153	0
2119 May	0.0493	0.00000882	1.53	6.75	0.0429	0.000643	9.58	0.00395	0.0341	0.000257	0.000243	0.000129	0.112	0.00000207	0.00015	0.00055	0.00152	0
2119 Jun	0.0493	0.00000883	1.53	6.75	0.043	0.000642	9.56	0.00395	0.0341	0.000258	0.000243	0.000129	0.112	0.00000207	0.00015	0.00055	0.00152	0
2119 Jul	0.0495	0.00000886	1.53	6.77	0.0431	0.000645	9.59	0.00397	0.0342	0.000258	0.000244	0.000129	0.113	0.00000208	0.00015	0.000552	0.00153	0
2119 Aug	0.0496	0.00000888	1.54	6.79	0.0432	0.000647	9.6	0.00398	0.0343	0.000259	0.000245	0.00013	0.113	0.00000208	0.000151	0.000553	0.00153	0
2119 Sep	0.0495	0.00000888	1.54	6.8	0.0431	0.000647	9.59	0.00398	0.0342	0.000258	0.000245	0.00013	0.113	0.00000208	0.000151	0.000552	0.00153	0
2119 Oct	0.0494	0.00000888	1.53	6.8	0.043	0.000647	9.56	0.00398	0.0342	0.000257	0.000244	0.00013	0.113	0.00000207	0.000151	0.000551	0.00153	0
2119 Nov	0.0494	0.00000887	1.53	6.79	0.043	0.000647	9.55	0.00398	0.0342	0.000257	0.000244	0.000129	0.113	0.00000207	0.000151	0.00055	0.00153	0
2119 Dec	0.0494	0.00000887	1.53	6.8	0.043	0.000647	9.55	0.00398	0.0342	0.000257	0.000244	0.000129	0.113	0.00000207	0.000151	0.00055	0.00153	0

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	471	0.0238	0.0471	0.00471	320	0.0471	28	0.0000964	0.0000964	0.00000189	0.0093	0.00496	0.224	0.00979	0.00000453	0.134	0.000017	0.00065	0.000557	0.000945
Operation (2026-2036): Mean	3320	0.414	1.52	0.0465	625	0.129	447	0.0048	0.0048	0.000118	0.0516	0.0164	0.831	0.471	0.00233	45.6	0.0000637	0.00503	0.00266	0.00379
Operation (2026-2036): Max	8310	0.945	3.66	0.104	1010	0.219	1190	0.0092	0.0092	0.000229	0.0925	0.0292	1.4	0.918	0.00458	122	0.000127	0.00923	0.00464	0.00771
Active Closure (2037-2043): Min	357	0.0536	0.142	0.00481	34.7	0.0333	49.4	0.000337	0.000337	0.00000261	0.00353	0.000573	0.0206	0.00833	0.00000454	15.1	0.000014	0.00013	0.000145	0.00108
Active Closure (2037-2043): Mean	923	0.108	0.382	0.0116	96.1	0.0464	131	0.000898	0.000898	0.00000465	0.00424	0.000957	0.044	0.00971	0.00000499	20.6	0.0000198	0.000186	0.000192	0.00152
Active Closure (2037-2043): Max	5140	0.592	2.16	0.0615	590	0.146	735	0.000993	0.000993	0.00000502	0.00961	0.00508	0.231	0.0166	0.00000515	80.1	0.0000818	0.00067	0.000634	0.00501
Post Closure (2044-2119): Min	141	0.0448	0.0529	0.00219	22.6	0.0276	11.8	0.000992	0.000956	0.00000502	0.00502	0.00087	0.0132	0.0135	0.00000502	12.8	0.0000147	0.000184	0.000163	0.000839
Post Closure (2044-2119): Mean	168	0.0676	0.118	0.00362	27.4	0.0384	29.7	0.00145	0.00102	0.00000541	0.00605	0.00174	0.0307	0.0201	0.00000551	21.2	0.0000184	0.000643	0.000278	0.00118
Post Closure (2044-2119): Max	361	0.0862	0.165	0.00519	34.9	0.0564	58.2	0.00218	0.00108	0.00000576	0.00708	0.0031	0.0623	0.0264	0.00000618	31.6	0.0000238	0.00143	0.000388	0.00163
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Jan	471	0.0238	0.0471	0.00471	320	0.0471	28	0.00471	0.00471	0.000118	0.0471	0.0118	0.706	0.471	0.00235	0.134	0.000017	0.00471	0.00236	0.000945
2032 Feb	765	0.0386	0.0765	0.00765	520	0.0765	45.5	0.00765	0.00765	0.000191	0.0765	0.0191	1.15	0.765	0.00382	0.182	0.0000276	0.00765	0.00383	0.00153
2032 Mar	846	0.0426	0.0847	0.00846	575	0.0846	50.3	0.00846	0.00846	0.000211	0.0846	0.0211	1.27	0.846	0.00423	0.172	0.0000305	0.00846	0.00423	0.0017
2032 Apr	888	0.0447	0.0888	0.00887	603	0.0888	52.8	0.00887	0.00887	0.000222	0.0887	0.0222	1.33	0.887	0.00444	0.158	0.000032	0.00887	0.00444	0.00178
2032 May	944	0.0502	0.108	0.00961	627	0.0923	58.6	0.00915	0.00915	0.000229	0.0915	0.0278	1.37	0.915	0.00457	0.568	0.0000334	0.00915	0.00458	0.00186
2032 Jun	2500	0.313	1.16	0.0365	616	0.102	318	0.00481	0.00481	0.000116	0.0501	0.0168	0.777	0.461	0.00228	31.8	0.0000522	0.00485	0.00252	0.00291
2032 Jul	4680	0.622	2.38	0.0707	932	0.154	633	0.00443	0.00443	0.00011	0.0496	0.0159	0.844	0.442	0.00219	62	0.00008	0.00487	0.00263	0.00477
2032 Aug	3900	0.508	1.91	0.058	859	0.143	514	0.00529	0.00529	0.000131	0.0569	0.018	0.929	0.524	0.0026	50.3	0.0000696	0.0056	0.00296	0.00419
2032 Sep	3000	0.361	1.32	0.0428	831	0.132	368	0.00725	0.00725	0.000181	0.0753	0.0235	1.18	0.723	0.0036	33.6	0.0000603	0.00748	0.00384	0.00355
2032 Oct	2480	0.28	1.01	0.0343	789	0.123	288	0.0079	0.0079	0.000198	0.0812	0.0228	1.26	0.791	0.00394	24.7	0.0000538	0.00808	0.00412	0.00313
2032 Nov	1960	0.205	0.705	0.026	735	0.114	211	0.00835	0.00835	0.000208	0.0849	0.0224	1.3	0.833	0.00416	17	0.0000473	0.00845	0.00428	0.00273
2032 Dec	1810	0.186	0.622	0.0236	706	0.11	190	0.00827	0.00827	0.000206	0.0839	0.0217	1.28	0.823	0.00411	15.1	0.0000451	0.00834	0.00422	0.00259
2033 Jan	1560	0.155	0.5	0.0204	662	0.107	156	0.00864	0.00864	0.000215	0.0873	0.0224	1.32	0.861	0.0043	11.7	0.0000429	0.00869	0.00438	0.00245
2033 Feb	1370	0.136	0.428	0.0185	603	0.106	133	0.00887	0.00887	0.000221	0.0895	0.0228	1.35	0.885	0.00442	9.69	0.0000416	0.00891	0.00449	0.00237
2033 Mar	1240	0.123	0.379	0.0172	564	0.105	118	0.00904	0.00904	0.000226	0.0911	0.0232	1.38	0.902	0.00451	8.27	0.0000408	0.00908	0.00457	0.00232
2033 Apr	1140	0.114	0.342	0.0163	535	0.105	106	0.0092	0.0092	0.000229	0.0925	0.0235	1.4	0.918	0.00458	7.19	0.0000403	0.00923	0.00464	0.00228
2033 May	1220	0.135	0.42	0.018	505	0.102	123	0.00854	0.00854	0.000212	0.086	0.0246	1.3	0.85	0.00423	11.3	0.0000412	0.00856	0.00434	0.00235
2033 Jun	2300	0.306	1.1	0.0355	555	0.11	295	0.00595	0.00595	0.000146	0.0615	0.0192	0.952	0.585	0.00289	32	0.0000526	0.00606	0.00317	0.00306
2033 Jul	3230	0.441	1.64	0.0512	669	0.137	432	0.00629	0.00629	0.000156	0.0664	0.0209	1.06	0.627	0.00311	43.5	0.0000668	0.00657	0.00344	0.00394
2033 Aug	2830	0.385	1.42	0.046	636	0.142	372	0.00793	0.00793	0.000198	0.0824	0.0258	1.3	0.794	0.00396	35.5	0.0000651	0.0082	0.00421	0.00381
2033 Sep	3840	0.545	2.03	0.0609	690	0.141	530	0.00444	0.00444	0.000109	0.049	0.0154	0.811	0.439	0.00217	54	0.0000712	0.00477	0.00256	0.00426
2033 Oct	3800	0.559	2.04	0.06	636	0.13	533	0.00271	0.00271	0.0000635	0.0316	0.00895	0.535	0.255	0.00123	57.1	0.0000674	0.00294	0.00164	0.00408
2033 Nov	2950	0.432	1.55	0.047	551	0.121	404	0.0043	0.0043	0.000104	0.0463	0.0123	0.736	0.415	0.00205	43.1	0.0000588	0.00444	0.00235	0.00352
2033 Dec	2480	0.359	1.27	0.0399	510	0.117	332	0.00538	0.00538	0.000131	0.0564	0.0147	0.88	0.525	0.0026	34.8	0.0000544	0.00549	0.00285	0.00323
2034 Jan	2160	0.309	1.08	0.035	482	0.114	283	0.00612	0.00612	0.00015	0.0634	0.0163	0.98	0.602	0.00299	29.2	0.0000514	0.00622	0.0032	0.00303
2034 Feb	1930	0.274	0.947	0.0317	463	0.112	249	0.00664	0.00664	0.000164	0.0683	0.0175	1.05	0.655	0.00326	25.3	0.0000493	0.00672	0.00344	0.00289
2034 Mar	1770	0.248	0.848	0.0291	448	0.111	224	0.00703	0.00703	0.000174	0.072	0.0184	1.1	0.695	0.00346	22.4	0.0000478	0.0071	0.00362	0.00279
2034 Apr	1630	0.227	0.768	0.0271	438	0.11	203	0.00737	0.00737	0.000182	0.0752	0.0191	1.15	0.73	0.00363	20	0.0000466	0.00743	0.00378	0.00271
2034 May	1580	0.219	0.737	0.0263	432	0.109	195	0.00747	0.00747	0.000185	0.076	0.0229	1.16	0.739	0.00368	19.5	0.0000462	0.00752	0.00383	0.00268
2034 Jun	2140	0.304	1.07	0.0346	470	0.109	282	0.00582	0.00582	0.000142	0.06	0.0187	0.926	0.57	0.00281	32	0.0000516	0.0059	0.00309	0.00302
2034 Jul	2670	0.37	1.35	0.0431	572	0.129	354	0.00665	0.00665	0.000164	0.0691	0.0216	1.08	0.658	0.00326	36.6	0.0000602	0.00682	0.00355	0.00356
2034 Aug	2530	0.341	1.24	0.0413	598	0.138	327	0.00832	0.00832	0.000208	0.0858	0.0268	1.34	0.832	0.00414	31.2	0.0000617	0.00854	0.00437	0.00361
2034 Sep	3720	0.533	1.97	0.0591	666	0.137	515	0.00424	0.00424	0.000104	0.0468	0.0147	0.77	0.415	0.00205	53.2	0.0000694	0.00452	0.00243	0.00416
2034 Oct	3200	0.473	1.7	0.0508	572	0.123	443	0.00369	0.00369	0.0000878	0.0405	0.011	0.653	0.352	0.00172	47.7	0.0000613	0.00384	0.00207	0.00368
2034 Nov	2190	0.318	1.1	0.0354	477	0.113	289	0.00579	0.00579	0.000141	0.0601	0.0155	0.926	0.565	0.0028	30.5	0.0000513	0.00586	0.00302	0.00303
2034 Dec	1750	0.248	0.839	0.0288	440	0.11	221	0.00686	0.00686	0.000169	0.0703	0.0179	1.07	0.676	0.00336	22.6	0.0000473	0.00691	0.00352	0.00276
2035 Jan	1590	0.224	0.748	0.0264	428	0.108	198	0.00724	0.00724	0.000179	0.0738	0.0188	1.12	0.715	0.00356	19.8	0.0000459	0.00728	0.0037	0.00267
2035 Feb	1590	0.224	0.747	0.0264	427	0.108	198	0.00724	0.00724	0.000179	0.0738	0.0188	1.12	0.715	0.00356	19.9	0.0000459	0.00728	0.0037	0.00267
2035 Mar	1590	0.224	0.747	0.0264	427	0.108	198	0.00724	0.00724	0.000179	0.0738	0.0188	1.12	0.715	0.00356	19.9	0.0000459	0.00728	0.0037	0.00267
2035 Apr	1590	0.224	0.749	0.0265	428	0.109	198	0.00726	0.00726	0.000179	0.074	0.0188	1.13	0.717	0.00357	20	0.000046	0.0073	0.00371	0.00268
2035 May	1680	0.235	0.792	0.0277	440	0.111	211	0.00726	0.00726	0.000179	0.0741	0.0232	1.13	0.717	0.00357	21.3	0.0000474	0.00731	0.00372	0.00276
2035 Jun	3330	0.427	1.59	0.0473	520	0.116	464	0.00304	0.00304	0.0000702	0.0337	0.0137	0.552	0.282	0.00136	51.2	0.0000639	0.00317	0.00177	0.00369
2035 Jul	6060	0.758	2.91	0.0838	835	0.172	861	0.00156	0.00156	0.0000355	0.0228	0.0167	0.467	0.143	0.000669	90	0.0000989	0.00208	0.00133	0.00589
2035 Aug	7610	0.945	3.66	0.104	1010	0.201	1090	0.000504	0.000504	0.0000119	0.0147	0.0129	0.397	0.0499	0.000205	111	0.000116	0.0013	0.00101	0.00707
2035 Sep	5320	0.688	2.55	0.0728	699	0.15	761	0.00033	0.00033	0.00000297	0.00967	0.00647	0.241	0.0128	0.0000136	81.7	0.0000836	0.000694	0.0006	0.00513
2035 Oct	5880	0.751	2.82	0.0803	770	0.16	840	0.000234	0.000234	0.00000229	0.00967	0.00661	0.263	0.0106	0.00000587	88.5	0.000091	0.000728	0.000641	0.00556
2035 Nov	5660	0.726	2.72	0.0774	742	0.156	810	0.000247	0.000247	0.00000229	0.00951	0.00506	0.253	0.0105	0.00000517	85.7	0.0000881	0.000704	0.00062	0.00538
2035 Dec	5560	0.714	2.67	0.076	728	0.154	794	0.000262	0.000262	0.00000235	0.00949	0.00498	0.249	0.0106	0.00000517	84.4	0.0000867	0.000695	0.000611	0.0053
2036 Jan	5530	0.712	2.65	0.0756	725	0.153	791	0.000265	0.000265	0.00000236	0.00948	0.00497	0.248	0.0107	0.00000517	84.1	0.0000864	0.000694	0.00061	0.00528
2036 Feb	5520	0.71	2.65	0.0755	724	0.153	789	0.000267	0.000267	0.00000237	0.00948	0.00496	0.247	0.0109	0.00000517	84.1	0.0000862	0.000694	0.000611	0.00528
2036 Mar	5510	0.71	2.64	0.0753	723	0.152	788	0.000268	0.000268	0.00000237	0.00947	0.00496	0.247	0.011	0.00000517	84	0.0000861	0.000694	0.000612	0.00527
2036 Apr	5570	0.716	2.67	0.076	729	0.154	796	0.000269	0.000269	0.00000238	0.00955	0.0115	0.249	0.0111	0.00000521	84.9	0.000087	0.000701	0.000619	0.00532
2036 May	5790	0.741	2.77	0.0788	756	0.16	828	0.000272	0.000272	0.00000244	0.00987	0.0292	0.259	0.0114	0.00000536	88.2	0.0000904	0.000728	0.000644	0.00553
2036 Jun	4980	0.56	2.15	0.0612	586	0.136	712	0.000367	0.000367	0.00000274	0.0093	0.00871	0.224	0.00991	0.00000474	75.9	0.0000822	0.00065	0.000557	0.00476
2036 Jul	6910	0.748	2.9	0.0826	790	0.183	988	0.00023	0.00023	0.00000241	0.0105	0.00989	0.308	0.0103	0.000005	102	0.000107	0.000835	0.00074	0.00644
2036 Aug	8310	0.9	3.49	0.0993	951	0.219	1190	0.000206	0.000206	0.00000254	0.0121	0.0167	0.37	0.0116	0.00000566	122	0.000127	0.000991	0.000884	0.00771
2036 Sep	7760	0.843	3.26	0.0926	887	0.202	1110	0.0000964	0.0000964	0.00000189	0.0108	0.012	0.344	0.00979	0.00000481	113	0.000117	0.000913	0.000816	0.00713
2036 Oct	5710	0.646	2.4	0.0683	655	0.158	817	0.000272	0.000272	0.00000239	0.00977	0.00655	0.256	0.0108	0.00000454	86.8	0.0000892	0.000713	0.000627	0.00545
2036 Nov	5470	0.622	2.29	0.0654	628	0.153	782	0.000297	0.000297	0.00000248	0.00967	0.00551	0.245	0.011	0.00000453	83.7	0.000086	0.00069	0.000605	0.00526
2036 Dec	5190	0.595	2.17	0.0621	595	0.147	741	0.00033	0.00033	0.00000259	0.00958	0.00509	0.233	0.0112	0.00000454	80.1	0.0000822	0.000664	0.00058	0.00503
2037 Jan	5140	0.591	2.15	0.0615	590	0.146	735	0.000337	0.000337	0.00000261	0.00956	0.00506	0.231	0.0115	0.00000454	79.6	0.0000816	0.000661	0.000579	0.005
2037 Feb	5120	0.589	2.15	0.0612	588	0.146	732	0.000339	0.000339	0.00000262	0.00955	0.00505	0.23	0.0117	0.00000455	79.5	0.0000814	0.000662	0.000582	0.00498
2037 Mar	5120	0.589	2.15	0.0612	588	0.146	732	0.000342	0.000342	0.00000264	0.00956	0.00506	0.23	0.0119	0.00000456	79.7	0.0000814	0.000663	0.000585	0.00499
2037 Apr	5140	0.592	2.16	0.0615	590	0.146	735	0.000345	0.000345	0.00000266	0.00961	0.00508	0.231	0.0121	0.00000459	80.1	0.0000818	0.000667	0.00059	0.00501
2037 May	4730	0.547	1.98	0.0565	530	0.134	675	0.00041	0.00041	0.0000029	0.00932	0.00449	0.212	0.0166	0.00000467	77.7	0.0000774	0.00067	0.000634	0.00473
2037 Jun	2680	0.304	1.12	0.0323	281	0.0845	382	0.000649	0.000649	0.00000373	0.00608	0.00207	0.121	0.0132	0.00000472	47	0.000046	0.00043	0.000406	0.003

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	1390	0.158	0.58	0.0171	148	0.0564	198	0.000828	0.000828	0.00000439	0.00435	0.00114	0.0637	0.00982	0.00000491	27	0.000026	0.000266	0.000232	0.00194
2037 Aug	1010	0.115	0.421	0.0127	109	0.0482	144	0.000883	0.000883	0.0000046	0.00391	0.000873	0.0472	0.00902	0.00000497	21.3	0.0000201	0.000206	0.000188	0.00161
2037 Sep	827	0.0942	0.342	0.0105	89.7	0.0441	118	0.000909	0.000909	0.00000469	0.00372	0.00074	0.0393	0.00871	0.00000499	18.5	0.0000172	0.000164	0.000171	0.00143
2037 Oct	801	0.0913	0.331	0.0102	86.9	0.0435	114	0.000909	0.000909	0.00000468	0.00369	0.000712	0.0382	0.00859	0.00000498	18.1	0.0000168	0.000153	0.000169	0.00141
2037 Nov	810	0.0923	0.335	0.0103	87.8	0.0437	115	0.000908	0.000908	0.00000468	0.0037	0.000717	0.0386	0.0086	0.00000498	18.2	0.0000169	0.000154	0.00017	0.00142
2037 Dec	810	0.0924	0.335	0.0103	87.8	0.0437	115	0.000908	0.000908	0.00000468	0.0037	0.000717	0.0386	0.0086	0.00000498	18.2	0.0000169	0.000154	0.00017	0.00142
2038 Jan	810	0.0924	0.335	0.0103	87.8	0.0437	115	0.000908	0.000908	0.00000468	0.0037	0.000717	0.0386	0.0086	0.00000498	18.2	0.0000169	0.000154	0.00017	0.00142
2038 Feb	810	0.0924	0.335	0.0103	87.8	0.0437	115	0.000908	0.000908	0.00000468	0.0037	0.000717	0.0386	0.0086	0.00000498	18.2	0.0000169	0.000154	0.00017	0.00142
2038 Mar	810	0.0924	0.335	0.0103	87.8	0.0437	115	0.000908	0.000908	0.00000468	0.0037	0.000717	0.0386	0.0086	0.00000498	18.2	0.0000169	0.000154	0.00017	0.00142
2038 Apr	810	0.0924	0.335	0.0103	87.8	0.0437	115	0.000908	0.000908	0.00000468	0.00371	0.000717	0.0386	0.00861	0.00000498	18.3	0.0000169	0.000154	0.00017	0.00142
2038 May	828	0.0947	0.343	0.0105	89.4	0.0442	118	0.000908	0.000908	0.00000469	0.00375	0.000735	0.0394	0.00881	0.00000499	18.7	0.0000173	0.000159	0.000175	0.00144
2038 Jun	905	0.104	0.375	0.0114	94.5	0.0455	129	0.000892	0.000892	0.00000462	0.00387	0.000801	0.0427	0.0095	0.00000495	20.2	0.0000187	0.000179	0.000192	0.00151
2038 Jul	793	0.0914	0.328	0.0101	83.2	0.0432	113	0.000914	0.000914	0.00000471	0.00372	0.000727	0.0377	0.0092	0.000005	18.5	0.000017	0.00017	0.000175	0.00142
2038 Aug	733	0.0844	0.302	0.00936	76.8	0.042	104	0.000926	0.000926	0.00000476	0.00365	0.000682	0.0351	0.00899	0.00000503	17.5	0.000016	0.00016	0.000166	0.00137
2038 Sep	695	0.08	0.286	0.00892	72.7	0.0412	98.9	0.000929	0.000929	0.00000477	0.0036	0.00065	0.0335	0.00884	0.00000502	16.9	0.0000154	0.000147	0.000162	0.00133
2038 Oct	684	0.0788	0.282	0.00879	71.3	0.0409	97.4	0.000929	0.000929	0.00000476	0.00359	0.000638	0.0331	0.00877	0.00000501	16.7	0.0000152	0.000142	0.000161	0.00132
2038 Nov	686	0.079	0.283	0.00881	71.5	0.041	97.6	0.000929	0.000929	0.00000476	0.00359	0.000639	0.0331	0.00878	0.00000501	16.7	0.0000152	0.000143	0.000161	0.00132
2038 Dec	686	0.079	0.283	0.00881	71.5	0.041	97.6	0.000929	0.000929	0.00000476	0.00359	0.00064	0.0331	0.00878	0.00000501	16.7	0.0000152	0.000143	0.000161	0.00132
2039 Jan	686	0.079	0.283	0.00881	71.5	0.041	97.6	0.000929	0.000929	0.00000477	0.00359	0.00064	0.0331	0.00878	0.00000501	16.7	0.0000152	0.000143	0.000161	0.00132
2039 Feb	686	0.079	0.283	0.00881	71.5	0.041	97.6	0.000929	0.000929	0.00000477	0.00359	0.00064	0.0331	0.00878	0.00000501	16.7	0.0000152	0.000143	0.000161	0.00132
2039 Mar	686	0.079	0.283	0.00881	71.5	0.041	97.6	0.000929	0.000929	0.00000477	0.00359	0.00064	0.0331	0.00878	0.00000501	16.7	0.0000152	0.000143	0.000161	0.00132
2039 Apr	686	0.079	0.283	0.00881	71.5	0.041	97.7	0.000929	0.000929	0.00000477	0.0036	0.00064	0.0331	0.00878	0.00000502	16.7	0.0000152	0.000143	0.000161	0.00132
2039 May	688	0.0793	0.284	0.00884	71.7	0.0411	98	0.000931	0.000931	0.00000477	0.0036	0.000642	0.0333	0.0088	0.00000502	16.7	0.0000152	0.000143	0.000162	0.00132
2039 Jun	727	0.0833	0.3	0.0093	73.5	0.0417	103	0.00092	0.00092	0.00000473	0.00368	0.000664	0.035	0.00872	0.00000499	17.2	0.000016	0.00015	0.000163	0.00135
2039 Jul	756	0.0862	0.312	0.00964	74.1	0.0423	108	0.000912	0.000912	0.00000469	0.0037	0.000676	0.0362	0.00858	0.00000497	17.5	0.0000164	0.000156	0.000162	0.00137
2039 Aug	731	0.0833	0.302	0.00935	71.2	0.0419	104	0.000917	0.000917	0.00000471	0.00367	0.000661	0.0351	0.00852	0.00000498	17.1	0.000016	0.000152	0.000158	0.00135
2039 Sep	695	0.0792	0.287	0.00892	67.8	0.0411	99	0.000923	0.000923	0.00000474	0.00363	0.000637	0.0336	0.00847	0.00000499	16.6	0.0000154	0.000144	0.000156	0.00132
2039 Oct	682	0.0778	0.281	0.00877	66.5	0.0408	97.1	0.000924	0.000924	0.00000474	0.00361	0.000627	0.0331	0.00844	0.00000499	16.4	0.0000152	0.00014	0.000155	0.00131
2039 Nov	683	0.0778	0.281	0.00877	66.5	0.0408	97.2	0.000924	0.000924	0.00000474	0.00362	0.000627	0.0331	0.00844	0.00000499	16.4	0.0000152	0.00014	0.000155	0.00131
2039 Dec	683	0.0778	0.281	0.00877	66.5	0.0408	97.2	0.000924	0.000924	0.00000474	0.00362	0.000627	0.0331	0.00844	0.00000499	16.4	0.0000152	0.00014	0.000155	0.00131
2040 Jan	683	0.0779	0.281	0.00877	66.5	0.0408	97.2	0.000924	0.000924	0.00000474	0.00362	0.000627	0.0331	0.00844	0.00000499	16.4	0.0000152	0.00014	0.000155	0.00131
2040 Feb	683	0.0779	0.281	0.00877	66.5	0.0408	97.2	0.000924	0.000924	0.00000474	0.00362	0.000627	0.0331	0.00844	0.00000499	16.4	0.0000152	0.00014	0.000155	0.00131
2040 Mar	683	0.0779	0.281	0.00877	66.5	0.0408	97.2	0.000924	0.000924	0.00000474	0.00362	0.000627	0.0331	0.00845	0.00000499	16.4	0.0000152	0.00014	0.000155	0.00131
2040 Apr	683	0.0779	0.281	0.00878	66.5	0.0408	97.2	0.000924	0.000924	0.00000474	0.00362	0.000627	0.0331	0.00845	0.00000499	16.4	0.0000152	0.00014	0.000155	0.00131
2040 May	686	0.0782	0.283	0.00881	66.7	0.0409	97.6	0.000925	0.000925	0.00000475	0.00363	0.00063	0.0332	0.00848	0.00000499	16.5	0.0000153	0.000141	0.000155	0.00131
2040 Jun	712	0.0815	0.294	0.00912	67.7	0.0413	101	0.000918	0.000918	0.00000472	0.00367	0.000654	0.0344	0.00869	0.00000497	17	0.0000158	0.000148	0.000161	0.00133
2040 Jul	693	0.0793	0.286	0.0089	65.5	0.041	98.7	0.000922	0.000922	0.00000473	0.00363	0.00064	0.0335	0.00861	0.00000499	16.7	0.0000155	0.000148	0.000157	0.00132
2040 Aug	671	0.0768	0.277	0.00864	63.2	0.0406	95.6	0.000927	0.000927	0.00000475	0.00361	0.000625	0.0325	0.00855	0.000005	16.3	0.0000151	0.000144	0.000154	0.0013
2040 Sep	650	0.0744	0.268	0.00839	61.1	0.0401	92.5	0.00093	0.00093	0.00000476	0.00358	0.00061	0.0316	0.00851	0.000005	16	0.0000148	0.000139	0.000153	0.00128
2040 Oct	636	0.0729	0.262	0.00823	59.9	0.0398	90.5	0.000932	0.000932	0.00000477	0.00357	0.0006	0.031	0.00849	0.000005	15.8	0.0000145	0.000135	0.000151	0.00127
2040 Nov	637	0.0729	0.262	0.00823	59.9	0.0398	90.6	0.000932	0.000932	0.00000477	0.00357	0.000601	0.031	0.00849	0.000005	15.8	0.0000146	0.000136	0.000151	0.00127
2040 Dec	637	0.0729	0.262	0.00823	59.9	0.0398	90.6	0.000932	0.000932	0.00000477	0.00357	0.000601	0.031	0.00849	0.000005	15.8	0.0000146	0.000136	0.000151	0.00127
2041 Jan	637	0.0729	0.262	0.00823	59.9	0.0398	90.6	0.000932	0.000932	0.00000477	0.00357	0.000601	0.031	0.0085	0.000005	15.8	0.0000146	0.000136	0.000151	0.00127
2041 Feb	637	0.0729	0.262	0.00823	59.9	0.0398	90.6	0.000932	0.000932	0.00000477	0.00357	0.000601	0.031	0.0085	0.000005	15.8	0.0000146	0.000136	0.000151	0.00127
2041 Mar	637	0.0729	0.262	0.00823	59.9	0.0398	90.6	0.000933	0.000933	0.00000477	0.00357	0.000601	0.031	0.0085	0.000005	15.8	0.0000146	0.000136	0.000151	0.00127
2041 Apr	637	0.0729	0.262	0.00823	59.9	0.0398	90.6	0.000933	0.000933	0.00000477	0.00357	0.000601	0.031	0.0085	0.000005	15.8	0.0000146	0.000136	0.000152	0.00127
2041 May	638	0.0731	0.263	0.00825	60	0.0399	90.8	0.000934	0.000934	0.00000478	0.00357	0.000602	0.0311	0.00851	0.00000501	15.8	0.0000146	0.000136	0.000152	0.00127
2041 Jun	641	0.0734	0.264	0.00828	59.5	0.0398	91.2	0.00093	0.00093	0.00000476	0.00359	0.000605	0.0312	0.00847	0.00000499	15.8	0.0000147	0.000138	0.000151	0.00127
2041 Jul	642	0.0734	0.264	0.00829	58.5	0.0397	91.4	0.000925	0.000925	0.00000474	0.00358	0.000603	0.0313	0.00838	0.00000497	15.8	0.0000147	0.00014	0.000149	0.00127
2041 Aug	622	0.0711	0.256	0.00806	56.7	0.0394	88.5	0.000932	0.000932	0.00000477	0.00356	0.000591	0.0304	0.00837	0.00000499	15.5	0.0000144	0.000137	0.000147	0.00126
2041 Sep	603	0.069	0.248	0.00784	55	0.039	85.9	0.000935	0.000935	0.00000478	0.00354	0.000579	0.0296	0.00835	0.000005	15.2	0.0000141	0.000132	0.000146	0.00124
2041 Oct	595	0.0681	0.245	0.00774	54.2	0.0388	84.6	0.000936	0.000936	0.00000478	0.00353	0.000573	0.0292	0.00833	0.000005	15.1	0.000014	0.00013	0.000145	0.00123
2041 Nov	595	0.0681	0.245	0.00774	54.2	0.0388	84.7	0.000936	0.000936	0.00000478	0.00353	0.000573	0.0292	0.00833	0.000005	15.1	0.000014	0.00013	0.000145	0.00123
2041 Dec	595	0.0681	0.245	0.00774	54.2	0.0388	84.7	0.000936	0.000936	0.00000479	0.00353	0.000573	0.0292	0.00833	0.000005	15.1	0.000014	0.00013	0.000145	0.00123
2042 Jan	595	0.0682	0.245	0.00774	54.2	0.0388	84.7	0.000936	0.000936	0.00000479	0.00353	0.000573	0.0292	0.00833	0.000005	15.1	0.000014	0.00013	0.000145	0.00123
2042 Feb	595	0.0682	0.245	0.00774	54.2	0.0388	84.7	0.000936	0.000936	0.00000479	0.00353	0.000573	0.0292	0.00834	0.000005	15.1	0.000014	0.00013	0.000145	0.00123
2042 Mar	595	0.0682	0.245	0.00774	54.2	0.0388	84.7	0.000936	0.000936	0.00000479	0.00353	0.000573	0.0292	0.00834	0.000005	15.1	0.000014	0.00013	0.000145	0.00123
2042 Apr	596	0.0682	0.245	0.00775	54.3	0.0388	84.7	0.000937	0.000937	0.00000479	0.00354	0.000574	0.0293	0.00834	0.000005	15.1	0.000014	0.00013	0.000145	0.00123
2042 May	597	0.0684	0.246	0.00777	54.4	0.0389	85	0.000939	0.000939	0.0000048	0.00354	0.000575	0.0293	0.00836	0.00000501	15.2	0.000014	0.00013	0.000145	0.00124
2042 Jun	548	0.0655	0.224	0.00715	50.1	0.0377	77.6	0.00095	0.00095	0.00000484	0.00391	0.000653	0.0276	0.00957	0.00000504	15.4	0.0000147	0.000145	0.000156	0.00121
2042 Jul	497	0.0621	0.202	0.00653	45.7	0.0365	70	0.00096	0.00096	0.00000489	0.00419	0.00071	0.0256	0.0105	0.00000506	15.5	0.0000151	0.000156	0.000164	0.00117
2042 Aug	458	0.0592	0.186	0.00606	42.5	0.0356	64.4	0.000967	0.000967	0.00000491	0.00436	0.000744	0.0242	0.0112	0.00000507	15.4	0.0000152	0.000161	0.000168	0.00114
2042 Sep	433	0.0571	0.175	0.00576	40.5	0.035	60.7	0.00097	0.00097	0.00000492	0.00442	0.000753	0.0232	0.0114	0.00000507	15.3	0.0000151	0.000161	0.00017	0.00112
2042 Oct	419	0.0559	0.169	0.00559	39.4	0.0347	58.7	0.000971	0.000971	0.00000492	0.00446	0.000759	0.0227	0.0116	0.00000507	15.2	0.000015	0.000161	0.00017	0.00111
2042 Nov	419	0.056	0.169	0.00559	39.4	0.0347	58.7	0.000971	0.000971	0.00000493	0.00447	0.00076	0.0227	0.0116	0.00000507	15.2	0.000015	0.000161	0.000171	0.00111
2042 Dec	419	0.056	0.169	0.00559	39.4	0.0347	58.7	0.000971	0.000971	0.00000493	0.00447	0.00076	0.0227	0.0116	0.00000507	15.2	0.000015	0.000161	0.000171	0.00111
2043 Jan	419	0.056	0.169	0.00559	39.4	0.0347	58.7	0.000971	0.000971	0.00000493	0.00447	0.00076	0.0227	0.0116	0.00000507	15.2	0.000015	0.000161	0.000171	0.00111
2043 Feb	419	0.056	0.169	0.00559	39.4	0.0347	58.7	0.000971	0.000971	0.00000493	0.00447	0.00076	0.0227	0.0116	0.00000507	15.2	0.000015	0.000161	0.000171	0.00111
2043 Mar	419	0.056	0.169	0.00559	39.4	0.0347	58.7	0.000971	0.000971	0.00000493	0.00447	0.00076	0.0227	0.0116	0.00000507	15.2	0.000015	0.000161	0.000171	0.00111
2043 Apr	419	0.056	0.169	0.00559	39.4	0.0347	58.7	0.000972	0.000972	0.00000493	0.00447	0.000761	0.0227	0.0116	0.00000508	15.2	0.000015	0.000161	0.000171	0.00111
2043 May	419	0.0561	0.169	0.00559	39.4	0.0347	58.7	0.000974	0.000974	0.00000494	0.00449	0.000764	0.0227	0.0116	0.00000509	15.3	0.0000151	0.000162	0.000171	0.00111
2043 Jun	361	0.0536	0.144	0.00485	35	0.0333	49.9	0.000984	0.000984	0.00000498	0.00493	0.000869	0.0206	0.0134	0.0000051	15.8	0.0000159	0.000181	0.00019	0.00108
2043 Jul	357	0.0536	0.142	0.00481	34.7	0.0333	49.4	0.000989	0.000989	0.000005	0.00499	0.000882	0.0206	0.0136	0.00000512	16	0.000016	0.000183	0.000192	0.00108
2043 Aug	359	0.0538	0.143	0.00484	34.9	0.0335	49.6	0.000993	0.000993	0.00000502	0.00501	0.000886	0.0207	0.0137	0.00000514	16	0.0000161	0.000184	0.000193	0.00109
2043 Sep	360	0.0539	0.143	0.00485	34.9	0.0335	49.7	0.000993	0.000993	0.00000502	0.00502	0.000886	0.0207	0.0137	0.00000515	16	0.0000161	0.000184	0.000193	0.00109
2043 Oct	360	0.054	0.143	0.00485	34.9	0.0335	49.7	0.000993	0.000993	0.00000502	0.00502	0.000886	0.0207	0.0137	0.00000514	16	0.0000161	0.000184	0.000193	0.00109
2043 Nov	360	0.054	0.143	0.00484	34.9	0.0335	49.7	0.000992	0.000992	0.00000502	0.00502	0.000886	0.0207	0.0137	0.00000514	16	0.0000161	0.000184	0.000193	0.00109

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	360	0.054	0.143	0.00484	34.9	0.0335	49.7	0.000992	0.000992	0.00000502	0.00502	0.000886	0.0207	0.0137	0.00000514	16	0.0000161	0.000184	0.000193	0.00109
2044 Jan	360	0.054	0.143	0.00484	34.9	0.0335	49.7	0.000992	0.000992	0.00000502	0.00502	0.000886	0.0207	0.0137	0.00000514	16	0.0000161	0.000184	0.000193	0.00109
2044 Feb	360	0.054	0.143	0.00484	34.9	0.0335	49.7	0.000992	0.000992	0.00000502	0.00502	0.000886	0.0207	0.0137	0.00000514	16	0.0000161	0.000184	0.000193	0.00109
2044 Mar	360	0.054	0.143	0.00485	34.9	0.0335	49.7	0.000992	0.000992	0.00000502	0.00502	0.000886	0.0207	0.0137	0.00000514	16	0.0000161	0.000184	0.000193	0.00109
2044 Apr	360	0.054	0.143	0.00485	34.9	0.0335	49.7	0.000993	0.000993	0.00000502	0.00502	0.000887	0.0207	0.0137	0.00000514	16.1	0.0000161	0.000184	0.000193	0.00109
2044 May	361	0.0541	0.144	0.00485	34.9	0.0336	49.8	0.000994	0.000994	0.00000503	0.00503	0.000888	0.0207	0.0137	0.00000515	16.1	0.0000161	0.000185	0.000193	0.00109
2044 Jun	292	0.0511	0.114	0.004	29.9	0.0321	39.4	0.00101	0.00101	0.0000051	0.00556	0.000987	0.0184	0.0153	0.00000519	16.4	0.000017	0.000203	0.000207	0.00104
2044 Jul	263	0.05	0.102	0.00365	27.9	0.0315	34.9	0.00102	0.00102	0.00000514	0.00579	0.00103	0.0174	0.016	0.00000522	16.6	0.0000174	0.000211	0.000213	0.00102
2044 Aug	265	0.0503	0.102	0.00367	28.1	0.0317	35.1	0.00102	0.00102	0.00000517	0.00582	0.00104	0.0176	0.0161	0.00000524	16.6	0.0000175	0.000212	0.000214	0.00103
2044 Sep	265	0.0503	0.102	0.00367	28.1	0.0317	35.2	0.00102	0.00102	0.00000516	0.00582	0.00103	0.0176	0.0161	0.00000524	16.6	0.0000174	0.000212	0.000214	0.00103
2044 Oct	265	0.0504	0.102	0.00368	28.1	0.0316	35.2	0.00102	0.00102	0.00000516	0.00581	0.00103	0.0176	0.0161	0.00000523	16.6	0.0000174	0.000212	0.000214	0.00103
2044 Nov	266	0.0504	0.102	0.00368	28.1	0.0316	35.2	0.00102	0.00102	0.00000516	0.00581	0.00103	0.0176	0.0161	0.00000523	16.6	0.0000174	0.000212	0.000214	0.00103
2044 Dec	266	0.0504	0.103	0.00368	28.1	0.0316	35.2	0.00102	0.00102	0.00000516	0.00582	0.00103	0.0176	0.0161	0.00000523	16.6	0.0000174	0.000212	0.000214	0.00103
2045 Jan	266	0.0504	0.103	0.00368	28.1	0.0316	35.2	0.00102	0.00102	0.00000516	0.00582	0.00103	0.0176	0.0161	0.00000523	16.6	0.0000174	0.000212	0.000214	0.00103
2045 Feb	266	0.0504	0.103	0.00368	28.1	0.0316	35.2	0.00102	0.00102	0.00000516	0.00582	0.00103	0.0176	0.0161	0.00000523	16.6	0.0000174	0.000212	0.000214	0.00103
2045 Mar	266	0.0504	0.103	0.00368	28.1	0.0316	35.2	0.00102	0.00102	0.00000516	0.00582	0.00103	0.0176	0.0161	0.00000523	16.6	0.0000174	0.000212	0.000214	0.00103
2045 Apr	266	0.0504	0.103	0.00368	28.1	0.0317	35.2	0.00102	0.00102	0.00000516	0.00582	0.00103	0.0176	0.0161	0.00000523	16.6	0.0000174	0.000212	0.000214	0.00103
2045 May	266	0.0505	0.103	0.00368	28.1	0.0317	35.3	0.00102	0.00102	0.00000517	0.00582	0.00104	0.0176	0.0161	0.00000524	16.7	0.0000175	0.000212	0.000214	0.00103
2045 Jun	240	0.0492	0.0918	0.00337	26.5	0.0312	31.2	0.00103	0.00103	0.00000521	0.006	0.00106	0.0168	0.0164	0.00000526	16.5	0.0000177	0.000216	0.000214	0.00101
2045 Jul	222	0.0484	0.0838	0.00315	25.3	0.0308	28.2	0.00104	0.00104	0.00000526	0.00614	0.00107	0.0162	0.0166	0.00000529	16.4	0.0000179	0.000219	0.000214	0.000993
2045 Aug	223	0.0486	0.0843	0.00316	25.4	0.031	28.3	0.00104	0.00104	0.00000527	0.00616	0.00108	0.0162	0.0167	0.00000531	16.5	0.000018	0.000219	0.000215	0.000997
2045 Sep	224	0.0487	0.0846	0.00317	25.5	0.031	28.4	0.00104	0.00104	0.00000528	0.00617	0.00108	0.0163	0.0167	0.00000531	16.5	0.000018	0.00022	0.000215	0.000997
2045 Oct	224	0.0488	0.0847	0.00317	25.5	0.031	28.5	0.00105	0.00104	0.00000528	0.00617	0.00108	0.0163	0.0167	0.00000532	16.5	0.000018	0.00022	0.000215	0.000998
2045 Nov	224	0.0488	0.0847	0.00317	25.5	0.031	28.5	0.00105	0.00104	0.00000528	0.00617	0.00108	0.0163	0.0167	0.00000532	16.5	0.000018	0.00022	0.000215	0.000998
2045 Dec	224	0.0488	0.0847	0.00317	25.5	0.031	28.5	0.00105	0.00104	0.00000528	0.00617	0.00108	0.0163	0.0167	0.00000532	16.5	0.000018	0.00022	0.000215	0.000998
2046 Jan	224	0.0488	0.0847	0.00317	25.5	0.031	28.5	0.00105	0.00104	0.00000528	0.00617	0.00108	0.0163	0.0167	0.00000532	16.5	0.000018	0.00022	0.000215	0.000998
2046 Feb	224	0.0488	0.0847	0.00317	25.5	0.031	28.5	0.00105	0.00104	0.00000528	0.00617	0.00108	0.0163	0.0167	0.00000532	16.5	0.000018	0.00022	0.000215	0.000998
2046 Mar	224	0.0488	0.0847	0.00318	25.5	0.031	28.5	0.00105	0.00104	0.00000528	0.00617	0.00108	0.0163	0.0167	0.00000532	16.5	0.000018	0.00022	0.000215	0.000998
2046 Apr	224	0.0488	0.0848	0.00318	25.5	0.031	28.5	0.00105	0.00104	0.00000528	0.00618	0.00108	0.0163	0.0167	0.00000532	16.6	0.000018	0.00022	0.000215	0.000999
2046 May	225	0.0489	0.0849	0.00318	25.5	0.0311	28.5	0.00105	0.00104	0.00000529	0.00618	0.00108	0.0163	0.0167	0.00000533	16.6	0.0000181	0.00022	0.000215	0.001
2046 Jun	199	0.0469	0.0741	0.00287	24	0.0304	24.2	0.00106	0.00105	0.00000533	0.00633	0.00108	0.0155	0.0166	0.00000535	16.1	0.0000183	0.00022	0.000209	0.000968
2046 Jul	173	0.0448	0.0635	0.00257	22.6	0.0296	19.9	0.00106	0.00105	0.00000536	0.00642	0.00106	0.0146	0.0162	0.00000534	15.5	0.0000184	0.000217	0.0002	0.000931
2046 Aug	174	0.045	0.0639	0.00258	22.7	0.0297	20	0.00106	0.00106	0.00000538	0.00645	0.00107	0.0147	0.0163	0.00000536	15.5	0.0000184	0.000218	0.000201	0.000935
2046 Sep	175	0.045	0.0642	0.00259	22.7	0.0297	20.1	0.00106	0.00105	0.00000537	0.00644	0.00107	0.0147	0.0163	0.00000535	15.5	0.0000184	0.000218	0.0002	0.000934
2046 Oct	175	0.0451	0.0643	0.00259	22.7	0.0296	20.1	0.00106	0.00105	0.00000537	0.00643	0.00107	0.0147	0.0163	0.00000535	15.5	0.0000184	0.000218	0.0002	0.000934
2046 Nov	175	0.0451	0.0643	0.00259	22.7	0.0296	20.1	0.00106	0.00105	0.00000537	0.00643	0.00107	0.0147	0.0163	0.00000535	15.5	0.0000184	0.000218	0.0002	0.000934
2046 Dec	175	0.0451	0.0643	0.00259	22.7	0.0296	20.1	0.00106	0.00105	0.00000537	0.00643	0.00107	0.0147	0.0163	0.00000535	15.5	0.0000184	0.000218	0.0002	0.000934
2047 Jan	175	0.0451	0.0643	0.00259	22.7	0.0296	20.1	0.00106	0.00105	0.00000537	0.00643	0.00107	0.0147	0.0163	0.00000535	15.5	0.0000184	0.000218	0.0002	0.000934
2047 Feb	175	0.0451	0.0643	0.00259	22.7	0.0296	20.1	0.00106	0.00105	0.00000537	0.00643	0.00107	0.0147	0.0163	0.00000535	15.5	0.0000184	0.000218	0.0002	0.000934
2047 Mar	175	0.0451	0.0644	0.00259	22.7	0.0296	20.1	0.00106	0.00105	0.00000537	0.00643	0.00107	0.0147	0.0163	0.00000535	15.5	0.0000184	0.000218	0.0002	0.000934
2047 Apr	175	0.0451	0.0644	0.00259	22.7	0.0297	20.2	0.00106	0.00105	0.00000537	0.00644	0.00107	0.0147	0.0163	0.00000535	15.5	0.0000184	0.000218	0.0002	0.000934
2047 May	174	0.0452	0.0637	0.00257	22.7	0.0296	19.8	0.00106	0.00105	0.00000537	0.00644	0.00107	0.0146	0.0163	0.00000535	15.5	0.0000184	0.000218	0.000201	0.000933
2047 Jun	156	0.046	0.0567	0.00234	22.7	0.0288	16.3	0.00106	0.00104	0.00000536	0.00632	0.00106	0.0138	0.0166	0.0000053	15.5	0.0000179	0.000218	0.000207	0.000917
2047 Jul	157	0.0463	0.0571	0.00235	22.8	0.029	16.4	0.00106	0.00105	0.00000538	0.00635	0.00106	0.0139	0.0167	0.00000532	15.6	0.000018	0.000219	0.000208	0.000922
2047 Aug	158	0.0465	0.0575	0.00237	22.9	0.0291	16.6	0.00106	0.00105	0.0000054	0.00638	0.00107	0.014	0.0168	0.00000534	15.7	0.0000181	0.00022	0.000209	0.000926
2047 Sep	159	0.0466	0.0578	0.00238	23	0.0291	16.7	0.00106	0.00105	0.0000054	0.00638	0.00107	0.014	0.0168	0.00000534	15.7	0.0000181	0.00022	0.000209	0.000926
2047 Oct	159	0.0466	0.0579	0.00238	22.9	0.0291	16.7	0.00106	0.00105	0.00000539	0.00637	0.00107	0.014	0.0168	0.00000533	15.6	0.000018	0.00022	0.000209	0.000925
2047 Nov	159	0.0466	0.0579	0.00238	22.9	0.0291	16.7	0.00106	0.00105	0.00000539	0.00637	0.00107	0.014	0.0168	0.00000533	15.6	0.000018	0.00022	0.000208	0.000925
2047 Dec	159	0.0466	0.0579	0.00238	22.9	0.0291	16.7	0.00106	0.00105	0.00000539	0.00637	0.00107	0.014	0.0168	0.00000533	15.6	0.000018	0.00022	0.000209	0.000925
2048 Jan	159	0.0466	0.0579	0.00238	22.9	0.0291	16.7	0.00106	0.00105	0.00000539	0.00637	0.00107	0.014	0.0168	0.00000533	15.6	0.000018	0.00022	0.000209	0.000925
2048 Feb	159	0.0466	0.0579	0.00238	22.9	0.0291	16.7	0.00106	0.00105	0.00000539	0.00637	0.00107	0.014	0.0168	0.00000533	15.7	0.000018	0.00022	0.000209	0.000925
2048 Mar	159	0.0466	0.0579	0.00238	22.9	0.0291	16.7	0.00106	0.00105	0.00000539	0.00637	0.00107	0.014	0.0168	0.00000533	15.7	0.000018	0.00022	0.000209	0.000925
2048 Apr	159	0.0466	0.0579	0.00238	23	0.0291	16.7	0.00106	0.00105	0.00000539	0.00637	0.00107	0.014	0.0168	0.00000534	15.7	0.000018	0.00022	0.000209	0.000926
2048 May	159	0.0467	0.058	0.00239	23	0.0292	16.8	0.00106	0.00105	0.0000054	0.00638	0.00107	0.014	0.0168	0.00000534	15.7	0.0000181	0.00022	0.000209	0.000927
2048 Jun	151	0.0466	0.0552	0.00229	23	0.0288	15.1	0.00106	0.00105	0.0000054	0.00631	0.00104	0.0137	0.0165	0.00000532	15.3	0.0000178	0.000217	0.000205	0.000912
2048 Jul	145	0.0464	0.0529	0.00221	23.2	0.0284	13.6	0.00106	0.00104	0.00000539	0.00622	0.00102	0.0134	0.0162	0.00000529	15	0.0000175	0.000213	0.0002	0.000896
2048 Aug	146	0.0466	0.0533	0.00222	23.3	0.0284	13.7	0.00106	0.00104	0.0000054	0.00623	0.00102	0.0134	0.0162	0.0000053	15	0.0000176	0.000213	0.000201	0.000899
2048 Sep	146	0.0467	0.0536	0.00223	23.3	0.0285	13.8	0.00106	0.00104	0.0000054	0.00623	0.00102	0.0135	0.0162	0.0000053	15	0.0000176	0.000213	0.000201	0.000899
2048 Oct	147	0.0467	0.0537	0.00224	23.3	0.0285	13.9	0.00106	0.00104	0.00000539	0.00623	0.00102	0.0135	0.0162	0.00000529	15	0.0000175	0.000213	0.000201	0.000899
2048 Nov	147	0.0467	0.0538	0.00224	23.3	0.0285	13.9	0.00106	0.00104	0.00000539	0.00623	0.00102	0.0135	0.0162	0.00000529	15	0.0000175	0.000213	0.000201	0.000899
2048 Dec	147	0.0467	0.0538	0.00224	23.3	0.0285	13.9	0.00106	0.00104	0.00000539	0.00623	0.00102	0.0135	0.0162	0.00000529	15	0.0000176	0.000213	0.000201	0.000899
2049 Jan	147	0.0467	0.0538	0.00224	23.3	0.0285	13.9	0.00106	0.00104	0.00000539	0.00623	0.00102	0.0135	0.0162	0.00000529	15	0.0000176	0.000213	0.000201	0.000899
2049 Feb	147	0.0467	0.0538	0.00224	23.3	0.0285	13.9	0.00106	0.00104	0.00000539	0.00623	0.00102	0.0135	0.0162	0.00000529	15	0.0000176	0.000213	0.000201	0.000899
2049 Mar	147	0.0467	0.0538	0.00224	23.3	0.0285	13.9	0.00106	0.00104	0.00000539	0.00623	0.00102	0.0135	0.0162	0.00000529	15	0.0000176	0.000213	0.000201	0.000899
2049 Apr	147	0.0467	0.0538	0.00224	23.3	0.0285	13.9	0.00106	0.00104	0.00000539	0.00623	0.00102	0.0135	0.0162	0.0000053	15	0.0000176	0.000213	0.000201	0.000899
2049 May	147	0.0468	0.0539	0.00224	23.4	0.0285	13.9	0.00106	0.00105	0.0000054	0.00624	0.00102	0.0135	0.0162	0.0000053	15	0.0000176	0.000213	0.000201	0.000901
2049 Jun	143	0.046	0.0531	0.0022	23.5	0.0282	12.9	0.00105	0.00103	0.00000536	0.00608	0.000976	0.0133	0.0154	0.00000525	14.3	0.0000171	0.000205	0.000188	0.000877
2049 Jul	141	0.0454	0.0532	0.00219	23.7	0.0279	12.4	0.00105	0.00102	0.00000533	0.00596	0.000944	0.0132	0.0148	0.0000052	13.8	0.0000167	0.000198	0.000179	0.000861
2049 Aug	142	0.0457	0.0536	0.00221	23.9	0.0281	12.5	0.00105	0.00103	0.00000535	0.00599	0.000949	0.0133	0.0148	0.00000523	13.9	0.0000168	0.000199	0.00018	0.000866
2049 Sep	143	0.0458	0.0539	0.00222	23.9	0.0281	12.6	0.00105	0.00103	0.00000535	0.00599	0.000949	0.0133	0.0148	0.00000523	13.9	0.0000168	0.000199	0.00018	0.000866
2049 Oct	143	0.0458	0.054	0.00222	23.9	0.0281	12.6	0.00105	0.00103	0.00000535	0.00599	0.000948	0.0133	0.0148	0.00000522	13.9	0.0000168	0.000199	0.00018	0.000866
2049 Nov	143	0.0458	0.054	0.00222	23.9	0.0281	12.6	0.00105	0.00103	0.00000535	0.00599	0.000949	0.0133	0.0148	0.00000522	13.9	0.0000168	0.000199	0.00018	0.000866
2049 Dec	143	0.0458	0.054	0.00222	23.9	0.0281	12.6	0.00105	0.00103	0.00000535	0.00599	0.000949	0.0133	0.0148	0.00000522	13.9	0.0000168	0.000199	0.00018	0.000866
2050 Jan	143	0.0458	0.054	0.00222	23.9	0.0281	12.6	0.00105	0.00103	0.00000535	0.00599	0.000949	0.0133	0.0148	0.00000522	13.9	0.0000168	0.000199	0.00018	0.000866
2050 Feb	143	0.0458	0.054	0.00222	23.9	0.0281	12.6	0.00105	0.00103	0.00000535	0.00599	0.000949	0.0133	0.0148	0.00000522	13.9	0.0000168	0.000199	0.00018	0.000866
2050 Mar	143	0.0458	0.054	0.00222	23.9	0.0281	12.6	0.00105	0.00103	0.00000535	0.00599	0.000949	0.0133	0.0148	0.00000522	13.9	0.0000168	0.000199	0.00018	0.000866
2050 Apr	143	0.0458	0.0541	0.00222	23.9	0.0281	12.6	0.00105	0.00103	0.00000535	0.00599	0.000949	0.0133	0.0148	0.00000522	13.9	0.0000168	0.000199	0.00018	0.000866

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Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	143	0.0459	0.0541	0.00222	23.9	0.0281	12.7	0.00105	0.00103	0.00000535	0.006	0.00095	0.0134	0.0149	0.00000523	13.9	0.0000168	0.000199	0.00018	0.000867
2050 Jun	142	0.0456	0.0542	0.00222	24	0.028	12.4	0.00105	0.00102	0.00000534	0.00594	0.000931	0.0133	0.0145	0.00000521	13.6	0.0000166	0.000196	0.000174	0.000858
2050 Jul	142	0.0453	0.0546	0.00222	24.1	0.0279	12.1	0.00104	0.00102	0.00000531	0.00587	0.000909	0.0133	0.014	0.00000518	13.2	0.0000164	0.000191	0.000168	0.000847
2050 Aug	143	0.0455	0.0549	0.00223	24.2	0.028	12.2	0.00105	0.00102	0.00000533	0.00589	0.000912	0.0134	0.0141	0.00000519	13.3	0.0000165	0.000192	0.000168	0.00085
2050 Sep	143	0.0456	0.0552	0.00224	24.2	0.028	12.3	0.00105	0.00102	0.00000533	0.00589	0.000913	0.0134	0.0141	0.0000052	13.3	0.0000165	0.000192	0.000168	0.000851
2050 Oct	143	0.0456	0.0553	0.00224	24.2	0.028	12.4	0.00105	0.00102	0.00000534	0.00589	0.000913	0.0134	0.0141	0.0000052	13.3	0.0000165	0.000192	0.000168	0.000852
2050 Nov	143	0.0456	0.0553	0.00224	24.2	0.0281	12.4	0.00105	0.00102	0.00000534	0.00589	0.000914	0.0134	0.0141	0.0000052	13.3	0.0000165	0.000192	0.000168	0.000852
2050 Dec	143	0.0456	0.0553	0.00224	24.2	0.0281	12.4	0.00105	0.00102	0.00000534	0.0059	0.000914	0.0134	0.0141	0.0000052	13.3	0.0000165	0.000192	0.000168	0.000852
2051 Jan	143	0.0456	0.0553	0.00224	24.2	0.0281	12.4	0.00105	0.00102	0.00000534	0.0059	0.000914	0.0134	0.0141	0.0000052	13.3	0.0000165	0.000192	0.000168	0.000852
2051 Feb	143	0.0456	0.0553	0.00224	24.2	0.0281	12.4	0.00105	0.00102	0.00000534	0.0059	0.000914	0.0134	0.0141	0.0000052	13.3	0.0000165	0.000192	0.000168	0.000852
2051 Mar	143	0.0456	0.0553	0.00224	24.2	0.0281	12.4	0.00105	0.00102	0.00000534	0.0059	0.000914	0.0134	0.0141	0.0000052	13.3	0.0000165	0.000192	0.000168	0.000852
2051 Apr	143	0.0457	0.0553	0.00225	24.3	0.0281	12.4	0.00105	0.00102	0.00000534	0.0059	0.000914	0.0134	0.0141	0.0000052	13.3	0.0000165	0.000192	0.000169	0.000853
2051 May	144	0.0457	0.0554	0.00225	24.3	0.0281	12.4	0.00105	0.00103	0.00000535	0.00591	0.000916	0.0134	0.0141	0.00000521	13.3	0.0000165	0.000193	0.000169	0.000854
2051 Jun	141	0.0456	0.0557	0.00223	24.5	0.0277	11.9	0.00104	0.00102	0.00000531	0.00577	0.0009	0.0133	0.014	0.00000516	13.2	0.0000162	0.000192	0.000169	0.000847
2051 Jul	141	0.0455	0.0565	0.00224	24.8	0.0276	11.8	0.00104	0.00101	0.00000528	0.00569	0.000888	0.0133	0.0138	0.00000513	13	0.000016	0.00019	0.000167	0.000842
2051 Aug	142	0.0456	0.057	0.00225	24.8	0.0276	11.9	0.00104	0.00101	0.00000529	0.00569	0.000889	0.0133	0.0138	0.00000514	13.1	0.000016	0.00019	0.000167	0.000844
2051 Sep	143	0.0458	0.0573	0.00226	24.9	0.0277	12	0.00104	0.00101	0.00000528	0.00568	0.000887	0.0133	0.0138	0.00000513	13	0.0000159	0.00019	0.000167	0.000843
2051 Oct	143	0.0464	0.058	0.00227	25	0.0277	12	0.00103	0.000999	0.00000524	0.00559	0.000874	0.0133	0.0135	0.00000509	12.9	0.0000156	0.000187	0.000163	0.000839
2051 Nov	143	0.0465	0.0581	0.00227	25.1	0.0278	12	0.00103	0.000999	0.00000524	0.00559	0.000873	0.0133	0.0135	0.00000509	12.9	0.0000155	0.000187	0.000163	0.000839
2051 Dec	143	0.0465	0.0581	0.00227	25.1	0.0278	12	0.00103	0.000999	0.00000524	0.00559	0.000874	0.0133	0.0135	0.00000509	12.9	0.0000155	0.000187	0.000163	0.000839
2052 Jan	143	0.0465	0.0581	0.00227	25.1	0.0278	12	0.00103	0.000999	0.00000524	0.00559	0.000873	0.0133	0.0135	0.00000509	12.9	0.0000155	0.000187	0.000163	0.000839
2052 Feb	143	0.0465	0.0581	0.00227	25.1	0.0278	12	0.00103	0.000999	0.00000524	0.00559	0.000874	0.0133	0.0135	0.00000509	12.9	0.0000155	0.000187	0.000163	0.000839
2052 Mar	143	0.0465	0.0581	0.00227	25.1	0.0278	12	0.00103	0.000999	0.00000524	0.00559	0.000874	0.0133	0.0135	0.00000509	12.9	0.0000155	0.000187	0.000163	0.000839
2052 Apr	143	0.0466	0.0581	0.00227	25.1	0.0278	12	0.00103	0.000999	0.00000524	0.00559	0.000874	0.0133	0.0135	0.00000509	12.9	0.0000155	0.000187	0.000163	0.000839
2052 May	144	0.0466	0.0582	0.00228	25.1	0.0278	12.1	0.00103	0.001	0.00000525	0.00559	0.000875	0.0133	0.0135	0.0000051	12.9	0.0000156	0.000187	0.000163	0.00084
2052 Jun	144	0.0475	0.059	0.00229	25.3	0.0279	12.1	0.00103	0.000995	0.00000522	0.00553	0.00087	0.0134	0.0135	0.00000507	12.8	0.0000153	0.000186	0.000163	0.000841
2052 Jul	145	0.0478	0.0596	0.0023	25.4	0.028	12.2	0.00103	0.000995	0.00000523	0.00553	0.000871	0.0134	0.0135	0.00000508	12.9	0.0000153	0.000186	0.000163	0.000843
2052 Aug	146	0.048	0.06	0.00232	25.5	0.0281	12.3	0.00103	0.000998	0.00000524	0.00554	0.000873	0.0135	0.0135	0.00000509	12.9	0.0000153	0.000187	0.000163	0.000845
2052 Sep	147	0.0481	0.0603	0.00232	25.6	0.0281	12.4	0.00103	0.000998	0.00000524	0.00554	0.000873	0.0135	0.0135	0.00000509	12.9	0.0000153	0.000187	0.000163	0.000846
2052 Oct	147	0.0481	0.0604	0.00233	25.6	0.0281	12.5	0.00103	0.000998	0.00000524	0.00554	0.000873	0.0135	0.0135	0.00000509	12.9	0.0000153	0.000187	0.000163	0.000846
2052 Nov	147	0.0481	0.0604	0.00233	25.6	0.0281	12.5	0.00103	0.000998	0.00000524	0.00555	0.000874	0.0135	0.0135	0.00000509	12.9	0.0000153	0.000187	0.000163	0.000847
2052 Dec	147	0.0481	0.0604	0.00233	25.6	0.0281	12.5	0.00103	0.000998	0.00000524	0.00555	0.000874	0.0135	0.0135	0.00000509	12.9	0.0000153	0.000187	0.000163	0.000847
2053 Jan	147	0.0481	0.0604	0.00233	25.6	0.0281	12.5	0.00103	0.000998	0.00000524	0.00555	0.000874	0.0135	0.0135	0.00000509	12.9	0.0000153	0.000187	0.000163	0.000847
2053 Feb	147	0.0481	0.0604	0.00233	25.6	0.0281	12.5	0.00103	0.000998	0.00000524	0.00555	0.000874	0.0135	0.0135	0.00000509	12.9	0.0000153	0.000187	0.000163	0.000847
2053 Mar	147	0.0481	0.0604	0.00233	25.6	0.0281	12.5	0.00103	0.000998	0.00000524	0.00555	0.000874	0.0135	0.0135	0.00000509	12.9	0.0000154	0.000187	0.000163	0.000847
2053 Apr	147	0.0481	0.0604	0.00233	25.6	0.0282	12.5	0.00103	0.000999	0.00000525	0.00555	0.000874	0.0135	0.0135	0.00000509	12.9	0.0000154	0.000187	0.000163	0.000847
2053 May	147	0.0484	0.0606	0.00233	25.7	0.0282	12.5	0.00104	0.001	0.00000525	0.00555	0.000878	0.0135	0.0136	0.0000051	13	0.0000154	0.000188	0.000165	0.00085
2053 Jun	147	0.0505	0.0614	0.00233	26.1	0.0284	12.4	0.00104	0.000997	0.00000524	0.00548	0.000903	0.0135	0.0144	0.00000509	13.6	0.000015	0.000195	0.000179	0.000868
2053 Jul	148	0.0509	0.0621	0.00234	26.3	0.0285	12.5	0.00104	0.000998	0.00000525	0.00547	0.000908	0.0135	0.0145	0.0000051	13.7	0.000015	0.000197	0.000181	0.000873
2053 Aug	149	0.0512	0.0625	0.00236	26.5	0.0287	12.6	0.00104	0.001	0.00000527	0.00549	0.000912	0.0136	0.0146	0.00000512	13.8	0.0000151	0.000197	0.000182	0.000877
2053 Sep	149	0.0514	0.0628	0.00236	26.5	0.0287	12.7	0.00105	0.00101	0.00000529	0.00551	0.000914	0.0137	0.0146	0.00000513	13.8	0.0000151	0.000198	0.000182	0.00088
2053 Oct	150	0.0514	0.0629	0.00237	26.6	0.0288	12.7	0.00105	0.00101	0.00000529	0.00551	0.000915	0.0137	0.0146	0.00000513	13.8	0.0000151	0.000198	0.000182	0.00088
2053 Nov	150	0.0514	0.0629	0.00237	26.6	0.0288	12.7	0.00105	0.00101	0.00000529	0.00551	0.000915	0.0137	0.0146	0.00000513	13.8	0.0000151	0.000198	0.000182	0.00088
2053 Dec	150	0.0514	0.0629	0.00237	26.6	0.0288	12.7	0.00105	0.00101	0.00000529	0.00551	0.000915	0.0137	0.0146	0.00000513	13.8	0.0000151	0.000198	0.000182	0.000881
2054 Jan	150	0.0514	0.0629	0.00237	26.6	0.0288	12.7	0.00105	0.00101	0.00000529	0.00551	0.000915	0.0137	0.0146	0.00000513	13.8	0.0000151	0.000198	0.000182	0.000881
2054 Feb	150	0.0514	0.0629	0.00237	26.6	0.0288	12.7	0.00105	0.00101	0.00000529	0.00551	0.000915	0.0137	0.0146	0.00000513	13.8	0.0000151	0.000198	0.000182	0.000881
2054 Mar	150	0.0514	0.0629	0.00237	26.6	0.0288	12.7	0.00105	0.00101	0.00000529	0.00551	0.000915	0.0137	0.0146	0.00000513	13.8	0.0000151	0.000198	0.000182	0.000881
2054 Apr	150	0.0514	0.0629	0.00237	26.6	0.0288	12.7	0.00105	0.00101	0.00000529	0.00551	0.000915	0.0137	0.0146	0.00000514	13.8	0.0000151	0.000198	0.000183	0.000881
2054 May	150	0.0515	0.063	0.00237	26.6	0.0288	12.8	0.00105	0.00101	0.0000053	0.00552	0.000917	0.0137	0.0147	0.00000514	13.9	0.0000152	0.000198	0.000183	0.000882
2054 Jun	151	0.0518	0.0635	0.00238	26.7	0.0287	12.9	0.00105	0.00101	0.00000529	0.00552	0.000925	0.0137	0.0149	0.00000514	14.1	0.0000152	0.000201	0.000187	0.000887
2054 Jul	151	0.0522	0.064	0.00239	26.8	0.0288	13	0.00105	0.00101	0.0000053	0.00552	0.000932	0.0138	0.0151	0.00000515	14.2	0.0000152	0.000203	0.000191	0.000891
2054 Aug	152	0.0523	0.0644	0.0024	26.8	0.0288	13.1	0.00105	0.00101	0.00000531	0.00553	0.000934	0.0138	0.0151	0.00000515	14.2	0.0000152	0.000204	0.000191	0.000893
2054 Sep	153	0.0524	0.0647	0.00241	26.9	0.0289	13.2	0.00105	0.00101	0.00000531	0.00553	0.000935	0.0139	0.0151	0.00000516	14.2	0.0000153	0.000204	0.000191	0.000894
2054 Oct	153	0.0524	0.0648	0.00241	26.9	0.0289	13.3	0.00105	0.00101	0.00000531	0.00553	0.000935	0.0139	0.0151	0.00000515	14.3	0.0000153	0.000204	0.000191	0.000894
2054 Nov	153	0.0525	0.0648	0.00241	26.9	0.0289	13.3	0.00105	0.00101	0.00000531	0.00553	0.000936	0.0139	0.0151	0.00000516	14.3	0.0000153	0.000204	0.000191	0.000895
2054 Dec	153	0.0525	0.0648	0.00241	26.9	0.0289	13.3	0.00105	0.00101	0.00000531	0.00553	0.000936	0.0139	0.0151	0.00000516	14.3	0.0000153	0.000204	0.000191	0.000895
2055 Jan	153	0.0525	0.0648	0.00241	26.9	0.0289	13.3	0.00105	0.00101	0.00000531	0.00553	0.000936	0.0139	0.0151	0.00000516	14.3	0.0000153	0.000204	0.000191	0.000895
2055 Feb	153	0.0525	0.0648	0.00241	26.9	0.0289	13.3	0.00105	0.00101	0.00000531	0.00553	0.000936	0.0139	0.0151	0.00000516	14.3	0.0000153	0.000204	0.000191	0.000895
2055 Mar	153	0.0525	0.0648	0.00241	26.9	0.0289	13.3	0.00105	0.00101	0.00000531	0.00553	0.000936	0.0139	0.0152	0.00000516	14.3	0.0000153	0.000204	0.000192	0.000895
2055 Apr	153	0.0525	0.0648	0.00241	26.9	0.0289	13.3	0.00105	0.00101	0.00000531	0.00554	0.000937	0.0139	0.0152	0.00000516	14.3	0.0000153	0.000204	0.000192	0.000895
2055 May	154	0.0526	0.0649	0.00242	26.9	0.0289	13.3	0.00105	0.00101	0.00000532	0.00554	0.000938	0.0139	0.0152	0.00000516	14.3	0.0000153	0.000205	0.000192	0.000896
2055 Jun	148	0.0517	0.064	0.00238	26.5	0.0288	12.8	0.00106	0.00101	0.00000532	0.00557	0.000947	0.0138	0.0153	0.00000518	14.3	0.0000154	0.000209	0.000193	0.000894
2055 Jul	147	0.0511	0.0643	0.00238	26.4	0.0287	12.6	0.00106	0.00101	0.00000532	0.00556	0.000945	0.0138	0.0152	0.00000517	14.2	0.0000154	0.00021	0.000191	0.00089
2055 Aug	148	0.0513	0.0647	0.00239	26.5	0.0288	12.7	0.00107	0.00102	0.00000534	0.00558	0.000948	0.0139	0.0152	0.00000519	14.3	0.0000154	0.000211	0.000192	0.000894
2055 Sep	148	0.0514	0.065	0.0024	26.5	0.0288	12.8	0.00107	0.00102	0.00000534	0.00558	0.000949	0.0139	0.0152	0.00000519	14.3	0.0000155	0.000211	0.000192	0.000894
2055 Oct	149	0.0515	0.0651	0.0024	26.6	0.0289	12.9	0.00107	0.00102	0.00000534	0.00558	0.00095	0.014	0.0152	0.0000052	14.3	0.0000155	0.000211	0.000192	0.000895
2055 Nov	149	0.0515	0.0651	0.0024	26.6	0.0289	12.9	0.00107	0.00102	0.00000534	0.00558	0.00095	0.014	0.0152	0.0000052	14.3	0.0000155	0.000211	0.000192	0.000895
2055 Dec	149	0.0515	0.0651	0.0024	26.6	0.0289	12.9	0.00107	0.00102	0.00000534	0.00558	0.00095	0.014	0.0152	0.0000052	14.3	0.0000155	0.000211	0.000192	0.000895
2056 Jan	149	0.0515	0.0651	0.0024	26.6	0.0289	12.9	0.00107	0.00102	0.00000534	0.00558	0.00095	0.014	0.0152	0.0000052	14.3	0.0000155	0.000211	0.000192	0.000895
2056 Feb	149	0.0515	0.0651	0.0024	26.6	0.0289	12.9	0.00107	0.00102	0.00000534	0.00558	0.00095	0.014	0.0152	0.0000052	14.3	0.0000155	0.000211	0.000192	0.000895
2056 Mar	149	0.0515	0.0651	0.0024	26.6	0.0289	12.9	0.00107	0.00102	0.00000534	0.00558	0.00095	0.014	0.0152	0.0000052	14.3	0.0000155	0.000211	0.000192	0.000895
2056 Apr	149	0.0515	0.0652	0.0024	26.6	0.0289	12.9	0.00107	0.00102	0.00000534	0.00559	0.00095	0.014	0.0152	0.0000052	14.3	0.0000155	0.000211	0.000192	0.000896
2056 May	149	0.0516	0.0653	0.00241	26.6	0.0289	12.9	0.00107	0.00102	0.00000535	0.00559	0.000953	0.014	0.0153	0.00000521	14.4	0.0000155	0.000212	0.000193	0.000898
2056 Jun	149	0.0522	0.066	0.00241	26.8	0.0287	13	0.00107	0.00102	0.00000534	0.00557	0.000972	0.014	0.0158	0.00000519	14.8	0.0000155	0.000219	0.000204	0.000906
2056 Jul	150	0.0525	0.0665	0.00242	26.9	0.0288	13.1	0.00107	0.00102	0.00000536	0.00558	0.000978	0.0141	0.016	0.00000521	14.9	0.0000156	0.00022	0.000206	0.000911
2056 Aug	151	0.0527	0.067	0.00244	27	0.0289	13.2	0.00107	0.00102	0.00000537	0.0056	0.00098	0.0141	0.016	0.00000522	14.9	0.0000156	0.000221	0.000206	0.000914
2056 Sep	152	0.0528	0.0672	0.00244	27.1	0.029	13.3	0.00108	0.00102	0.00000538	0.00561	0.000982	0.0142	0.016	0.00000523	15	0.0000156	0.000221	0.000207	0.000916

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Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	152	0.0528	0.0674	0.00245	27.1	0.0289	13.3	0.00108	0.00102	0.00000537	0.0056	0.000981	0.0142	0.016	0.00000523	15	0.0000156	0.000221	0.000206	0.000915
2056 Nov	152	0.0528	0.0674	0.00245	27.1	0.0289	13.3	0.00108	0.00102	0.00000537	0.0056	0.000981	0.0142	0.016	0.00000523	15	0.0000156	0.000221	0.000206	0.000915
2056 Dec	152	0.0528	0.0674	0.00245	27.1	0.0289	13.3	0.00108	0.00102	0.00000537	0.0056	0.000981	0.0142	0.016	0.00000523	15	0.0000156	0.000221	0.000206	0.000915
2057 Jan	152	0.0528	0.0674	0.00245	27.1	0.0289	13.3	0.00108	0.00102	0.00000537	0.0056	0.000981	0.0142	0.016	0.00000523	15	0.0000156	0.000221	0.000206	0.000915
2057 Feb	152	0.0528	0.0674	0.00245	27.1	0.0289	13.3	0.00108	0.00102	0.00000537	0.0056	0.000981	0.0142	0.016	0.00000523	15	0.0000156	0.000221	0.000206	0.000915
2057 Mar	152	0.0528	0.0674	0.00245	27.1	0.0289	13.3	0.00108	0.00102	0.00000537	0.0056	0.000982	0.0142	0.016	0.00000523	15	0.0000156	0.000221	0.000206	0.000915
2057 Apr	152	0.0529	0.0674	0.00245	27.1	0.029	13.3	0.00108	0.00102	0.00000538	0.00561	0.000982	0.0142	0.016	0.00000523	15	0.0000156	0.000221	0.000206	0.000916
2057 May	152	0.0529	0.0675	0.00245	27.1	0.029	13.4	0.00108	0.00102	0.00000538	0.00561	0.000983	0.0142	0.016	0.00000524	15	0.0000157	0.000222	0.000207	0.000917
2057 Jun	151	0.0532	0.0674	0.00244	27	0.0289	13.3	0.00108	0.00103	0.00000539	0.00565	0.001	0.0142	0.0166	0.00000525	15.4	0.0000158	0.000228	0.000215	0.000925
2057 Jul	151	0.0534	0.0677	0.00244	27.1	0.0289	13.3	0.00109	0.00103	0.00000541	0.00567	0.00101	0.0142	0.0167	0.00000527	15.5	0.0000159	0.000231	0.000218	0.00093
2057 Aug	152	0.0537	0.0682	0.00246	27.3	0.0291	13.4	0.00109	0.00104	0.00000544	0.0057	0.00102	0.0143	0.0168	0.0000053	15.6	0.000016	0.000232	0.000219	0.000936
2057 Sep	153	0.0538	0.0685	0.00247	27.3	0.0292	13.5	0.00109	0.00104	0.00000545	0.00571	0.00102	0.0144	0.0168	0.00000531	15.6	0.000016	0.000233	0.00022	0.000938
2057 Oct	153	0.0539	0.0686	0.00247	27.3	0.0292	13.6	0.00109	0.00104	0.00000545	0.00571	0.00102	0.0144	0.0168	0.00000531	15.6	0.000016	0.000233	0.00022	0.000938
2057 Nov	153	0.0539	0.0686	0.00248	27.3	0.0292	13.6	0.00109	0.00104	0.00000545	0.00571	0.00102	0.0144	0.0168	0.00000531	15.6	0.000016	0.000233	0.00022	0.000938
2057 Dec	153	0.0539	0.0686	0.00248	27.3	0.0292	13.6	0.00109	0.00104	0.00000545	0.00571	0.00102	0.0144	0.0168	0.00000531	15.6	0.000016	0.000233	0.00022	0.000938
2058 Jan	153	0.0539	0.0686	0.00248	27.3	0.0292	13.6	0.00109	0.00104	0.00000545	0.00571	0.00102	0.0144	0.0168	0.00000531	15.6	0.000016	0.000233	0.00022	0.000938
2058 Feb	153	0.0539	0.0686	0.00248	27.3	0.0292	13.6	0.00109	0.00104	0.00000545	0.00571	0.00102	0.0144	0.0168	0.00000531	15.6	0.000016	0.000233	0.00022	0.000938
2058 Mar	153	0.0539	0.0686	0.00248	27.3	0.0292	13.6	0.00109	0.00104	0.00000545	0.00571	0.00102	0.0144	0.0169	0.00000531	15.6	0.000016	0.000233	0.00022	0.000938
2058 Apr	153	0.0539	0.0687	0.00248	27.3	0.0292	13.6	0.00109	0.00104	0.00000545	0.00571	0.00102	0.0144	0.0169	0.00000531	15.7	0.000016	0.000233	0.00022	0.000938
2058 May	153	0.0542	0.0687	0.00248	27.4	0.0292	13.6	0.0011	0.00104	0.00000546	0.00573	0.00103	0.0144	0.017	0.00000532	15.8	0.0000161	0.000235	0.000223	0.000943
2058 Jun	151	0.056	0.0685	0.00244	27.6	0.0289	13.4	0.00111	0.00105	0.00000547	0.00578	0.0011	0.0143	0.0188	0.00000534	17.2	0.0000164	0.000255	0.000255	0.000974
2058 Jul	151	0.0564	0.0691	0.00244	27.7	0.0289	13.5	0.00111	0.00105	0.00000547	0.00577	0.0011	0.0143	0.0191	0.00000534	17.3	0.0000165	0.000258	0.000259	0.00098
2058 Aug	152	0.0567	0.0695	0.00246	27.8	0.029	13.6	0.00111	0.00105	0.00000549	0.00579	0.00111	0.0144	0.0191	0.00000536	17.4	0.0000165	0.000259	0.00026	0.000983
2058 Sep	153	0.0567	0.0698	0.00247	27.9	0.029	13.7	0.00111	0.00105	0.0000055	0.00579	0.00111	0.0144	0.0192	0.00000537	17.4	0.0000165	0.000259	0.00026	0.000984
2058 Oct	153	0.0568	0.0699	0.00247	27.9	0.029	13.8	0.00111	0.00105	0.00000549	0.00579	0.00111	0.0144	0.0191	0.00000536	17.4	0.0000165	0.000259	0.00026	0.000984
2058 Nov	153	0.0568	0.07	0.00247	27.9	0.029	13.8	0.00111	0.00105	0.0000055	0.00579	0.00111	0.0145	0.0192	0.00000537	17.4	0.0000165	0.000259	0.00026	0.000985
2058 Dec	153	0.0568	0.07	0.00247	27.9	0.029	13.8	0.00111	0.00105	0.0000055	0.00579	0.00111	0.0145	0.0192	0.00000537	17.4	0.0000165	0.000259	0.00026	0.000985
2059 Jan	153	0.0568	0.07	0.00247	27.9	0.029	13.8	0.00111	0.00105	0.0000055	0.00579	0.00111	0.0145	0.0192	0.00000537	17.4	0.0000165	0.000259	0.00026	0.000985
2059 Feb	153	0.0568	0.07	0.00247	27.9	0.029	13.8	0.00111	0.00105	0.0000055	0.00579	0.00111	0.0145	0.0192	0.00000537	17.4	0.0000165	0.000259	0.00026	0.000985
2059 Mar	153	0.0568	0.07	0.00247	27.9	0.029	13.8	0.00111	0.00105	0.0000055	0.00579	0.00111	0.0145	0.0192	0.00000537	17.4	0.0000165	0.000259	0.00026	0.000985
2059 Apr	153	0.0568	0.07	0.00247	27.9	0.0291	13.8	0.00111	0.00105	0.0000055	0.00579	0.00111	0.0145	0.0192	0.00000537	17.4	0.0000165	0.000259	0.00026	0.000985
2059 May	153	0.0569	0.0701	0.00248	27.9	0.0291	13.8	0.00111	0.00105	0.0000055	0.0058	0.00111	0.0145	0.0192	0.00000537	17.5	0.0000166	0.00026	0.000261	0.000986
2059 Jun	154	0.0574	0.0706	0.00248	28.1	0.0291	13.9	0.00111	0.00105	0.00000551	0.0058	0.00112	0.0145	0.0195	0.00000538	17.7	0.0000166	0.000263	0.000266	0.000992
2059 Jul	155	0.0577	0.0711	0.0025	28.2	0.0293	14	0.00112	0.00106	0.00000554	0.00584	0.00113	0.0146	0.0196	0.00000541	17.8	0.0000167	0.000265	0.000267	0.000998
2059 Aug	156	0.058	0.0716	0.00252	28.4	0.0294	14.2	0.00113	0.00106	0.00000556	0.00586	0.00113	0.0147	0.0197	0.00000543	17.9	0.0000168	0.000266	0.000268	0.001
2059 Sep	157	0.0582	0.0719	0.00252	28.4	0.0294	14.2	0.00113	0.00106	0.00000557	0.00587	0.00113	0.0147	0.0197	0.00000544	17.9	0.0000168	0.000266	0.000269	0.001
2059 Oct	157	0.0581	0.072	0.00253	28.3	0.0294	14.3	0.00112	0.00106	0.00000554	0.00585	0.00113	0.0147	0.0196	0.00000542	17.8	0.0000168	0.000265	0.000268	0.001
2059 Nov	157	0.0581	0.072	0.00253	28.3	0.0294	14.3	0.00112	0.00106	0.00000554	0.00585	0.00113	0.0147	0.0196	0.00000541	17.8	0.0000168	0.000265	0.000268	0.001
2059 Dec	157	0.0581	0.072	0.00253	28.3	0.0294	14.3	0.00112	0.00106	0.00000554	0.00585	0.00113	0.0147	0.0196	0.00000542	17.8	0.0000168	0.000265	0.000268	0.001
2060 Jan	157	0.0581	0.072	0.00253	28.3	0.0294	14.3	0.00112	0.00106	0.00000554	0.00585	0.00113	0.0147	0.0196	0.00000542	17.8	0.0000168	0.000265	0.000268	0.001
2060 Feb	157	0.0581	0.072	0.00253	28.3	0.0294	14.3	0.00112	0.00106	0.00000554	0.00585	0.00113	0.0147	0.0196	0.00000542	17.8	0.0000168	0.000265	0.000268	0.001
2060 Mar	157	0.0581	0.072	0.00253	28.3	0.0294	14.3	0.00112	0.00106	0.00000554	0.00585	0.00113	0.0147	0.0196	0.00000542	17.8	0.0000168	0.000265	0.000268	0.001
2060 Apr	157	0.0581	0.072	0.00253	28.3	0.0294	14.3	0.00112	0.00106	0.00000555	0.00585	0.00113	0.0147	0.0196	0.00000542	17.9	0.0000168	0.000265	0.000268	0.001
2060 May	158	0.0585	0.0721	0.00253	28.4	0.0294	14.4	0.00113	0.00106	0.00000556	0.00587	0.00114	0.0147	0.0198	0.00000543	18	0.0000168	0.000267	0.00027	0.00101
2060 Jun	156	0.0607	0.0715	0.0025	28.5	0.0296	14.3	0.00114	0.00107	0.0000056	0.00597	0.00119	0.0147	0.021	0.00000547	18.9	0.0000171	0.00028	0.00029	0.00103
2060 Jul	157	0.0613	0.0719	0.00251	28.7	0.0298	14.3	0.00114	0.00108	0.00000563	0.00601	0.0012	0.0148	0.0213	0.00000551	19.1	0.0000172	0.000283	0.000294	0.00104
2060 Aug	158	0.0615	0.0724	0.00253	28.8	0.0299	14.5	0.00115	0.00108	0.00000564	0.00603	0.0012	0.0149	0.0213	0.00000552	19.2	0.0000173	0.000284	0.000295	0.00104
2060 Sep	158	0.0615	0.0726	0.00253	28.8	0.0299	14.6	0.00114	0.00108	0.00000562	0.00601	0.0012	0.0149	0.0212	0.0000055	19.2	0.0000172	0.000283	0.000294	0.00104
2060 Oct	159	0.0617	0.0727	0.00253	28.8	0.0299	14.6	0.00114	0.00108	0.00000562	0.00602	0.0012	0.0149	0.0213	0.0000055	19.2	0.0000172	0.000284	0.000294	0.00104
2060 Nov	158	0.0617	0.0727	0.00253	28.8	0.0299	14.6	0.00114	0.00108	0.00000562	0.00602	0.0012	0.0149	0.0213	0.0000055	19.2	0.0000172	0.000284	0.000295	0.00104
2060 Dec	158	0.0617	0.0727	0.00253	28.8	0.0299	14.6	0.00114	0.00108	0.00000562	0.00602	0.0012	0.0149	0.0213	0.0000055	19.2	0.0000172	0.000284	0.000295	0.00104
2061 Jan	158	0.0617	0.0727	0.00253	28.8	0.0299	14.6	0.00114	0.00108	0.00000562	0.00602	0.0012	0.0149	0.0213	0.0000055	19.2	0.0000172	0.000284	0.000295	0.00104
2061 Feb	158	0.0617	0.0727	0.00253	28.8	0.0299	14.6	0.00114	0.00108	0.00000562	0.00602	0.0012	0.0149	0.0213	0.0000055	19.2	0.0000172	0.000284	0.000295	0.00104
2061 Mar	158	0.0617	0.0727	0.00253	28.8	0.0299	14.6	0.00114	0.00108	0.00000562	0.00602	0.0012	0.0149	0.0213	0.0000055	19.2	0.0000172	0.000284	0.000295	0.00104
2061 Apr	159	0.0617	0.0727	0.00254	28.8	0.0299	14.6	0.00114	0.00108	0.00000563	0.00602	0.0012	0.0149	0.0213	0.00000551	19.2	0.0000172	0.000284	0.000295	0.00104
2061 May	157	0.0625	0.0723	0.00252	28.8	0.0301	14.5	0.00115	0.00108	0.00000564	0.00605	0.00122	0.0149	0.0217	0.00000552	19.5	0.0000173	0.000289	0.000301	0.00105
2061 Jun	153	0.0642	0.0724	0.00248	28.8	0.0301	14.3	0.00114	0.00107	0.00000558	0.00596	0.00125	0.0148	0.0225	0.00000547	20.1	0.0000169	0.0003	0.000315	0.00106
2061 Jul	154	0.0645	0.0731	0.0025	29	0.0302	14.4	0.00115	0.00107	0.0000056	0.00597	0.00125	0.0149	0.0226	0.00000549	20.2	0.0000169	0.000302	0.000316	0.00107
2061 Aug	155	0.0649	0.0736	0.00251	29.1	0.0303	14.5	0.00115	0.00108	0.00000562	0.006	0.00126	0.015	0.0227	0.00000551	20.3	0.000017	0.000303	0.000318	0.00107
2061 Sep	156	0.065	0.0739	0.00252	29.2	0.0304	14.6	0.00115	0.00108	0.00000563	0.006	0.00126	0.0151	0.0227	0.00000552	20.4	0.000017	0.000304	0.000318	0.00107
2061 Oct	156	0.0649	0.074	0.00252	29.1	0.0303	14.7	0.00115	0.00108	0.00000562	0.00599	0.00126	0.0151	0.0227	0.0000055	20.3	0.000017	0.000303	0.000317	0.00107
2061 Nov	156	0.065	0.074	0.00252	29.1	0.0303	14.7	0.00115	0.00107	0.00000561	0.00599	0.00126	0.0151	0.0227	0.0000055	20.3	0.000017	0.000303	0.000317	0.00107
2061 Dec	156	0.065	0.074	0.00252	29.1	0.0303	14.7	0.00115	0.00107	0.00000561	0.00599	0.00126	0.0151	0.0227	0.0000055	20.3	0.000017	0.000303	0.000317	0.00107
2062 Jan	156	0.065	0.074	0.00252	29.1	0.0303	14.7	0.00115	0.00108	0.00000561	0.00599	0.00126	0.0151	0.0227	0.0000055	20.3	0.000017	0.000303	0.000317	0.00107
2062 Feb	156	0.065	0.074	0.00252	29.1	0.0303	14.7	0.00115	0.00108	0.00000561	0.00599	0.00126	0.0151	0.0227	0.0000055	20.3	0.000017	0.000303	0.000317	0.00107
2062 Mar	156	0.065	0.074	0.00253	29.1	0.0303	14.7	0.00115	0.00108	0.00000561	0.00599	0.00126	0.0151	0.0227	0.0000055	20.3	0.000017	0.000303	0.000317	0.00107
2062 Apr	156	0.065	0.074	0.00253	29.1	0.0304	14.7	0.00115	0.00108	0.00000561	0.00599	0.00126	0.0151	0.0227	0.0000055	20.3	0.000017	0.000303	0.000317	0.00107
2062 May	156	0.0651	0.0741	0.00253	29.2	0.0304	14.7	0.00115	0.00108	0.00000562	0.006	0.00126	0.0151	0.0227	0.00000551	20.3	0.000017	0.000303	0.000318	0.00107
2062 Jun	154	0.0641	0.0742	0.00253	28.8	0.0304	14.6	0.00115	0.00107	0.0000056	0.006	0.00124	0.0151	0.0221	0.00000549	19.9	0.000017	0.000301	0.000307	0.00106
2062 Jul	152	0.0633	0.0746	0.00253	28.5	0.0303	14.5	0.00115	0.00107	0.00000558	0.00598	0.00123	0.0152	0.0215	0.00000547	19.4	0.0000169	0.000299	0.000297	0.00105
2062 Aug	153	0.0634	0.0751	0.00254	28.5	0.0304	14.6	0.00115	0.00107	0.00000559	0.00599	0.00123	0.0153	0.0215	0.00000548	19.5	0.0000169	0.0003	0.000297	0.00105
2062 Sep	154	0.0634	0.0754	0.00255	28.5	0.0304	14.8	0.00115	0.00107	0.00000558	0.00598	0.00123	0.0153	0.0215	0.00000547	19.4	0.0000169	0.000299	0.000296	0.00105
2062 Oct	151	0.0624	0.0767	0.00256	28	0.0304	14.6	0.00114	0.00104	0.00000546	0.00582	0.00118	0.0154	0.02	0.00000536	18.3	0.0000163	0.00029	0.000272	0.00102
2062 Nov	151	0.0624	0.0768	0.00257	28	0.0304	14.7	0.00114	0.00104	0.00000546	0.00581	0.00118	0.0154	0.0199	0.00000535	18.3	0.0000162	0.00029	0.000271	0.00101
2062 Dec	151	0.0624	0.0768	0.00257	28	0.0304	14.7	0.00114	0.00104	0.00000546	0.00581	0.00118	0.0154	0.0199	0.00000535	18.3	0.0000162	0.00029	0.000271	0.00101
2063 Jan	151	0.0624	0.0768	0.00257	28	0.0304	14.7	0.00114	0.00104	0.00000546	0.00581	0.00118	0.0154	0.0199	0.00000535	18.3	0.0000162	0.00029	0.000271	0.00101
2063 Feb	151	0.0624	0.0768	0.00257	28	0.0304	14.7	0.00114	0.00104	0.00000546	0.00581	0.00118	0.0154	0.0199	0.00000535	18.3	0.0000162	0.00029	0.000271	0.00101

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	151	0.0625	0.0768	0.00257	28	0.0304	14.7	0.00114	0.00104	0.00000546	0.00581	0.00118	0.0154	0.0199	0.00000535	18.3	0.0000162	0.00029	0.000271	0.00101
2063 Apr	151	0.0625	0.0768	0.00257	28.1	0.0304	14.7	0.00114	0.00104	0.00000546	0.00581	0.00118	0.0154	0.0199	0.00000535	18.3	0.0000162	0.00029	0.000271	0.00101
2063 May	151	0.0626	0.0771	0.00257	28.1	0.0305	14.7	0.00114	0.00104	0.00000545	0.00581	0.00118	0.0155	0.0199	0.00000535	18.2	0.0000162	0.00029	0.00027	0.00101
2063 Jun	148	0.0614	0.0815	0.00262	27.7	0.0298	15	0.0011	0.000991	0.00000521	0.00542	0.00113	0.0157	0.0183	0.00000511	17.1	0.0000151	0.000287	0.000248	0.000973
2063 Jul	149	0.0608	0.0835	0.00265	27.7	0.0297	15.2	0.0011	0.000981	0.00000516	0.00533	0.00111	0.0158	0.0178	0.00000506	16.7	0.0000149	0.000286	0.000241	0.000963
2063 Aug	150	0.0611	0.084	0.00267	27.9	0.0298	15.3	0.0011	0.000985	0.00000518	0.00535	0.00112	0.0159	0.0179	0.00000509	16.8	0.0000149	0.000287	0.000242	0.000967
2063 Sep	151	0.0612	0.0842	0.00268	27.9	0.0299	15.4	0.00111	0.000986	0.00000519	0.00536	0.00112	0.016	0.0179	0.00000509	16.8	0.000015	0.000288	0.000243	0.000968
2063 Oct	151	0.0612	0.0843	0.00268	27.9	0.0298	15.5	0.0011	0.000985	0.00000518	0.00535	0.00112	0.016	0.0179	0.00000509	16.8	0.000015	0.000287	0.000242	0.000968
2063 Nov	151	0.0613	0.0843	0.00268	27.9	0.0298	15.5	0.0011	0.000985	0.00000518	0.00535	0.00112	0.016	0.0179	0.00000509	16.8	0.000015	0.000287	0.000242	0.000968
2063 Dec	151	0.0613	0.0843	0.00268	27.9	0.0298	15.5	0.0011	0.000985	0.00000518	0.00535	0.00112	0.016	0.0179	0.00000509	16.8	0.000015	0.000287	0.000242	0.000968
2064 Jan	151	0.0613	0.0843	0.00268	27.9	0.0298	15.5	0.0011	0.000985	0.00000518	0.00535	0.00112	0.016	0.0179	0.00000509	16.8	0.000015	0.000287	0.000242	0.000968
2064 Feb	151	0.0613	0.0843	0.00268	27.9	0.0298	15.5	0.0011	0.000985	0.00000518	0.00535	0.00112	0.016	0.0179	0.00000509	16.8	0.000015	0.000287	0.000242	0.000968
2064 Mar	151	0.0613	0.0844	0.00268	27.9	0.0299	15.5	0.0011	0.000985	0.00000518	0.00535	0.00112	0.016	0.0179	0.00000509	16.8	0.000015	0.000287	0.000242	0.000968
2064 Apr	151	0.0613	0.0844	0.00268	27.9	0.0299	15.5	0.0011	0.000985	0.00000518	0.00536	0.00112	0.016	0.0179	0.00000509	16.8	0.000015	0.000287	0.000242	0.000968
2064 May	151	0.0614	0.0849	0.00269	28	0.0299	15.6	0.00111	0.000985	0.00000518	0.00535	0.00112	0.016	0.018	0.00000509	16.9	0.000015	0.00029	0.000244	0.00097
2064 Jun	152	0.0616	0.0885	0.00274	28.2	0.0295	16	0.0011	0.000969	0.00000511	0.00519	0.00114	0.0163	0.0183	0.00000502	17.2	0.0000147	0.000302	0.000252	0.000973
2064 Jul	153	0.0618	0.0892	0.00276	28.4	0.0296	16.2	0.00111	0.000971	0.00000512	0.0052	0.00114	0.0164	0.0183	0.00000503	17.2	0.0000147	0.000304	0.000253	0.000977
2064 Aug	154	0.062	0.0897	0.00277	28.4	0.0297	16.3	0.00111	0.000973	0.00000513	0.00521	0.00115	0.0165	0.0183	0.00000504	17.3	0.0000148	0.000304	0.000253	0.000979
2064 Sep	155	0.062	0.0899	0.00278	28.4	0.0297	16.4	0.00111	0.000972	0.00000512	0.00521	0.00115	0.0165	0.0183	0.00000503	17.3	0.0000148	0.000304	0.000253	0.000979
2064 Oct	155	0.0621	0.09	0.00278	28.5	0.0297	16.4	0.00111	0.000972	0.00000513	0.00521	0.00115	0.0165	0.0183	0.00000504	17.3	0.0000148	0.000304	0.000253	0.000979
2064 Nov	155	0.0621	0.09	0.00278	28.5	0.0297	16.4	0.00111	0.000972	0.00000513	0.00521	0.00115	0.0165	0.0183	0.00000504	17.3	0.0000148	0.000304	0.000253	0.00098
2064 Dec	155	0.0621	0.09	0.00278	28.5	0.0297	16.4	0.00111	0.000972	0.00000513	0.00521	0.00115	0.0165	0.0183	0.00000504	17.3	0.0000148	0.000304	0.000253	0.00098
2065 Jan	155	0.0621	0.09	0.00278	28.5	0.0297	16.4	0.00111	0.000972	0.00000513	0.00521	0.00115	0.0165	0.0183	0.00000504	17.3	0.0000148	0.000304	0.000253	0.00098
2065 Feb	155	0.0621	0.09	0.00278	28.5	0.0297	16.4	0.00111	0.000972	0.00000513	0.00521	0.00115	0.0165	0.0183	0.00000504	17.3	0.0000148	0.000304	0.000253	0.00098
2065 Mar	155	0.0621	0.0901	0.00278	28.5	0.0297	16.4	0.00111	0.000973	0.00000513	0.00521	0.00115	0.0165	0.0183	0.00000504	17.3	0.0000148	0.000304	0.000253	0.00098
2065 Apr	155	0.0622	0.0901	0.00278	28.5	0.0297	16.4	0.00111	0.000973	0.00000513	0.00521	0.00115	0.0165	0.0183	0.00000504	17.3	0.0000148	0.000304	0.000253	0.00098
2065 May	155	0.0622	0.0903	0.00279	28.5	0.0297	16.5	0.00111	0.000974	0.00000513	0.00522	0.00115	0.0165	0.0184	0.00000505	17.3	0.0000148	0.000305	0.000254	0.000982
2065 Jun	155	0.0622	0.092	0.00281	28.6	0.0297	16.7	0.00112	0.000971	0.00000512	0.00518	0.00116	0.0168	0.0185	0.00000504	17.5	0.0000147	0.000313	0.000258	0.000986
2065 Jul	156	0.0624	0.0931	0.00284	28.8	0.0299	16.9	0.00112	0.000975	0.00000514	0.00519	0.00117	0.017	0.0186	0.00000506	17.6	0.0000148	0.000317	0.000259	0.000991
2065 Aug	157	0.0628	0.0937	0.00286	28.9	0.03	17	0.00113	0.000979	0.00000517	0.00521	0.00118	0.017	0.0187	0.00000508	17.7	0.0000149	0.000318	0.00026	0.000995
2065 Sep	158	0.0628	0.0939	0.00286	28.9	0.03	17.1	0.00112	0.000977	0.00000515	0.0052	0.00118	0.0171	0.0186	0.00000507	17.6	0.0000148	0.000317	0.000259	0.000994
2065 Oct	158	0.063	0.0942	0.00287	28.8	0.0301	17.2	0.00112	0.000974	0.00000514	0.0052	0.00117	0.0171	0.0185	0.00000506	17.6	0.0000148	0.000317	0.000257	0.000992
2065 Nov	158	0.0632	0.0943	0.00287	28.8	0.0302	17.2	0.00112	0.000975	0.00000514	0.0052	0.00117	0.0172	0.0185	0.00000506	17.5	0.0000148	0.000318	0.000256	0.000993
2065 Dec	158	0.0632	0.0943	0.00287	28.8	0.0302	17.2	0.00112	0.000975	0.00000514	0.0052	0.00117	0.0172	0.0185	0.00000506	17.5	0.0000148	0.000318	0.000256	0.000993
2066 Jan	158	0.0632	0.0943	0.00287	28.8	0.0302	17.2	0.00112	0.000975	0.00000514	0.0052	0.00117	0.0172	0.0185	0.00000506	17.5	0.0000148	0.000318	0.000256	0.000993
2066 Feb	158	0.0632	0.0943	0.00287	28.8	0.0302	17.2	0.00112	0.000975	0.00000514	0.0052	0.00117	0.0172	0.0185	0.00000506	17.5	0.0000148	0.000318	0.000256	0.000993
2066 Mar	158	0.0632	0.0943	0.00287	28.8	0.0302	17.2	0.00113	0.000975	0.00000514	0.0052	0.00118	0.0172	0.0185	0.00000506	17.5	0.0000148	0.000318	0.000256	0.000993
2066 Apr	158	0.0632	0.0943	0.00287	28.8	0.0302	17.2	0.00113	0.000975	0.00000515	0.00521	0.00118	0.0172	0.0185	0.00000506	17.6	0.0000148	0.000318	0.000256	0.000993
2066 May	158	0.0633	0.0945	0.00287	28.9	0.0303	17.3	0.00113	0.000976	0.00000515	0.00521	0.00118	0.0172	0.0185	0.00000507	17.6	0.0000148	0.000318	0.000257	0.000994
2066 Jun	153	0.0625	0.0946	0.00287	28.1	0.0305	17.1	0.00113	0.000973	0.00000513	0.00526	0.00117	0.0175	0.0178	0.00000506	17.1	0.0000148	0.000323	0.000243	0.000981
2066 Jul	153	0.0625	0.0957	0.00289	28.2	0.0307	17.3	0.00114	0.000976	0.00000515	0.00528	0.00117	0.0177	0.0177	0.00000508	17	0.0000149	0.000326	0.00024	0.000982
2066 Aug	154	0.0628	0.0963	0.00291	28.3	0.0309	17.4	0.00115	0.00098	0.00000517	0.0053	0.00118	0.0178	0.0177	0.0000051	17.1	0.000015	0.000327	0.000241	0.000986
2066 Sep	155	0.0629	0.0966	0.00292	28.4	0.0309	17.5	0.00115	0.000981	0.00000517	0.00531	0.00118	0.0179	0.0177	0.0000051	17.1	0.000015	0.000327	0.000241	0.000987
2066 Oct	155	0.0629	0.0966	0.00292	28.3	0.0309	17.6	0.00115	0.000979	0.00000517	0.0053	0.00118	0.0179	0.0177	0.0000051	17.1	0.000015	0.000327	0.000241	0.000986
2066 Nov	155	0.0629	0.0966	0.00292	28.3	0.0309	17.6	0.00115	0.000979	0.00000516	0.0053	0.00118	0.0179	0.0177	0.0000051	17.1	0.000015	0.000327	0.000241	0.000986
2066 Dec	155	0.0629	0.0966	0.00292	28.3	0.0309	17.6	0.00115	0.000979	0.00000517	0.0053	0.00118	0.0179	0.0177	0.0000051	17.1	0.000015	0.000327	0.000241	0.000986
2067 Jan	155	0.0629	0.0966	0.00292	28.3	0.0309	17.6	0.00115	0.000979	0.00000517	0.0053	0.00118	0.0179	0.0177	0.0000051	17.1	0.000015	0.000327	0.000241	0.000986
2067 Feb	155	0.0629	0.0966	0.00292	28.3	0.0309	17.6	0.00115	0.000979	0.00000517	0.0053	0.00118	0.0179	0.0177	0.0000051	17.1	0.000015	0.000327	0.000241	0.000986
2067 Mar	155	0.0629	0.0967	0.00292	28.3	0.0309	17.6	0.00115	0.000979	0.00000517	0.0053	0.00118	0.0179	0.0177	0.0000051	17.1	0.000015	0.000327	0.000241	0.000986
2067 Apr	155	0.0629	0.0967	0.00292	28.3	0.0309	17.6	0.00115	0.000979	0.00000517	0.0053	0.00118	0.0179	0.0177	0.0000051	17.1	0.000015	0.000327	0.000241	0.000986
2067 May	156	0.063	0.0968	0.00293	28.4	0.0309	17.6	0.00115	0.000981	0.00000517	0.00531	0.00118	0.0179	0.0178	0.0000051	17.1	0.000015	0.000327	0.000241	0.000988
2067 Jun	156	0.0632	0.0974	0.00294	28.4	0.031	17.8	0.00115	0.000983	0.00000518	0.00534	0.00119	0.018	0.0178	0.00000512	17.2	0.0000151	0.000331	0.000242	0.000991
2067 Jul	157	0.0636	0.0981	0.00296	28.5	0.0312	17.9	0.00116	0.000988	0.00000521	0.00537	0.0012	0.0182	0.0179	0.00000515	17.3	0.0000152	0.000333	0.000243	0.000997
2067 Aug	158	0.0638	0.0986	0.00298	28.6	0.0313	18.1	0.00116	0.000991	0.00000523	0.00538	0.0012	0.0182	0.0179	0.00000516	17.3	0.0000152	0.000333	0.000244	0.001
2067 Sep	159	0.0639	0.0989	0.00299	28.7	0.0313	18.2	0.00116	0.000992	0.00000523	0.00539	0.0012	0.0183	0.018	0.00000516	17.3	0.0000153	0.000334	0.000244	0.001
2067 Oct	159	0.0639	0.0989	0.00299	28.6	0.0313	18.2	0.00116	0.00099	0.00000522	0.00538	0.0012	0.0183	0.0179	0.00000515	17.3	0.0000152	0.000333	0.000243	0.000999
2067 Nov	159	0.0639	0.0989	0.00299	28.6	0.0313	18.2	0.00116	0.000989	0.00000522	0.00538	0.0012	0.0183	0.0179	0.00000515	17.3	0.0000152	0.000333	0.000243	0.000999
2067 Dec	159	0.0639	0.0989	0.00299	28.6	0.0313	18.2	0.00116	0.000989	0.00000522	0.00538	0.0012	0.0183	0.0179	0.00000515	17.3	0.0000152	0.000333	0.000243	0.000999
2068 Jan	159	0.0639	0.0989	0.00299	28.6	0.0313	18.2	0.00116	0.000989	0.00000522	0.00538	0.0012	0.0183	0.0179	0.00000515	17.3	0.0000152	0.000333	0.000243	0.000999
2068 Feb	159	0.0639	0.0989	0.00299	28.6	0.0313	18.2	0.00116	0.000989	0.00000522	0.00538	0.0012	0.0183	0.0179	0.00000515	17.3	0.0000152	0.000333	0.000243	0.001
2068 Mar	159	0.0639	0.099	0.00299	28.6	0.0313	18.2	0.00116	0.00099	0.00000522	0.00538	0.0012	0.0183	0.0179	0.00000515	17.3	0.0000152	0.000333	0.000243	0.001
2068 Apr	160	0.0639	0.099	0.00299	28.6	0.0313	18.2	0.00116	0.00099	0.00000522	0.00539	0.0012	0.0183	0.0179	0.00000516	17.3	0.0000153	0.000333	0.000244	0.001
2068 May	159	0.0642	0.099	0.00299	28.7	0.0314	18.2	0.00116	0.000994	0.00000524	0.00542	0.00121	0.0183	0.0181	0.00000517	17.4	0.0000153	0.000335	0.000245	0.001
2068 Jun	153	0.0651	0.0965	0.00291	28.2	0.0315	17.8	0.00118	0.001	0.00000528	0.00557	0.00127	0.0184	0.0194	0.00000523	18.4	0.0000158	0.000356	0.000266	0.00103
2068 Jul	154	0.0652	0.0972	0.00293	28.2	0.0316	18	0.00118	0.00101	0.00000529	0.00558	0.00127	0.0185	0.0194	0.00000523	18.5	0.0000158	0.000358	0.000267	0.00103
2068 Aug	155	0.0655	0.0978	0.00295	28.4	0.0318	18.1	0.00119	0.00101	0.00000531	0.0056	0.00128	0.0186	0.0195	0.00000526	18.6	0.0000159	0.00036	0.000268	0.00104
2068 Sep	155	0.0656	0.0981	0.00296	28.4	0.0318	18.2	0.00119	0.00101	0.00000531	0.00561	0.00128	0.0186	0.0195	0.00000526	18.6	0.0000159	0.00036	0.000268	0.00104
2068 Oct	156	0.0657	0.0982	0.00296	28.4	0.0318	18.2	0.00119	0.00101	0.00000532	0.00561	0.00128	0.0186	0.0195	0.00000526	18.6	0.0000159	0.00036	0.000268	0.00104
2068 Nov	156	0.0657	0.0983	0.00296	28.4	0.0318	18.2	0.00119	0.00101	0.00000532	0.00561	0.00128	0.0186	0.0195	0.00000526	18.6	0.0000016	0.00036	0.000268	0.00104
2068 Dec	156	0.0657	0.0983	0.00296	28.4	0.0318	18.2	0.00119	0.00101	0.00000532	0.00561	0.00128	0.0186	0.0195	0.00000526	18.6	0.0000016	0.00036	0.000268	0.00104
2069 Jan	156	0.0657	0.0983	0.00296	28.4	0.0318	18.2	0.00119	0.00101	0.00000532	0.00561	0.00128	0.0186	0.0195	0.00000526	18.6	0.0000016	0.00036	0.000268	0.00104
2069 Feb	156	0.0657	0.0983	0.00296	28.4	0.0318	18.2	0.00119	0.00101	0.00000532	0.00561	0.00128	0.0186	0.0195	0.00000526	18.6	0.0000016	0.00036	0.000268	0.00104
2069 Mar	156	0.0657	0.0983	0.00296	28.4	0.0318	18.2	0.00119	0.00101	0.00000532	0.00561	0.00128	0.0186	0.0195	0.00000526	18.6	0.0000016	0.00036	0.000268	0.00104
2069 Apr	156	0.0657	0.0983	0.00296	28.5	0.0318	18.2	0.00119	0.00101	0.00000532	0.00561	0.00128	0.0186	0.0195	0.00000527	18.6	0.0000016	0.00036	0.000268	0.00104
2069 May	156	0.0658	0.0985	0.00297	28.5	0.0319	18.3	0.00119	0.00101	0.00000533	0.00562	0.00128	0.0187	0.0196	0.00000527	18.6	0.0000016	0.00036	0.000269	0.00104
2069 Jun	155	0.065	0.0984	0.00297	28.2	0.0319	18.3	0.0012	0.00102	0.00000534	0.00566	0.00129	0.0188	0.0194	0.00000529	18.5	0.0000161	0.00036	0.000265	0.00104
2069 Jul	155	0.0649	0.0989	0.00298	28.2	0.032	18.4	0.0012	0.00102	0.00000536	0.00569	0.00129	0.0189	0.0194	0.00000531	18.5	0.0000163	0.00036	0.000265	0.00104

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	156	0.0651	0.0995	0.003	28.3	0.0321	18.5	0.00121	0.00102	0.00000538	0.00571	0.0013	0.019	0.0194	0.00000533	18.6	0.0000163	0.000367	0.000266	0.00104
2069 Sep	156	0.0651	0.0996	0.003	28.3	0.0321	18.6	0.00121	0.00102	0.00000537	0.00571	0.00129	0.019	0.0194	0.00000532	18.5	0.0000163	0.000366	0.000264	0.00104
2069 Oct	155	0.065	0.0993	0.00299	28.1	0.0322	18.5	0.00121	0.00102	0.00000536	0.00572	0.00129	0.0191	0.0191	0.00000531	18.3	0.0000163	0.000366	0.00026	0.00104
2069 Nov	155	0.065	0.0993	0.00299	28	0.0323	18.5	0.00121	0.00102	0.00000536	0.00572	0.00129	0.0191	0.0191	0.00000531	18.3	0.0000163	0.000366	0.000259	0.00104
2069 Dec	155	0.065	0.0993	0.00299	28	0.0323	18.5	0.00121	0.00102	0.00000536	0.00572	0.00129	0.0191	0.0191	0.00000531	18.3	0.0000163	0.000366	0.000259	0.00104
2070 Jan	155	0.065	0.0993	0.00299	28	0.0323	18.5	0.00121	0.00102	0.00000536	0.00572	0.00129	0.0191	0.0191	0.00000531	18.3	0.0000163	0.000366	0.000259	0.00104
2070 Feb	155	0.0651	0.0993	0.00299	28	0.0323	18.5	0.00121	0.00102	0.00000536	0.00572	0.00129	0.0191	0.0191	0.00000531	18.3	0.0000163	0.000366	0.000259	0.00104
2070 Mar	155	0.0651	0.0993	0.00299	28	0.0323	18.5	0.00121	0.00102	0.00000536	0.00572	0.00129	0.0191	0.0191	0.00000531	18.3	0.0000163	0.000367	0.000259	0.00104
2070 Apr	155	0.0651	0.0994	0.00299	28	0.0323	18.5	0.00121	0.00102	0.00000536	0.00573	0.00129	0.0191	0.0191	0.00000531	18.3	0.0000163	0.000367	0.000259	0.00104
2070 May	154	0.0652	0.0994	0.00299	28	0.0324	18.5	0.00121	0.00102	0.00000537	0.00574	0.00129	0.0192	0.0191	0.00000532	18.4	0.0000163	0.000368	0.00026	0.00104
2070 Jun	151	0.0657	0.0992	0.00298	27.8	0.0325	18.5	0.00121	0.00102	0.00000535	0.00576	0.00131	0.0193	0.0192	0.00000532	18.5	0.0000163	0.000375	0.00026	0.00104
2070 Jul	152	0.066	0.0999	0.003	27.9	0.0327	18.6	0.00122	0.00102	0.00000537	0.00578	0.00131	0.0194	0.0193	0.00000534	18.5	0.0000164	0.000377	0.000261	0.00105
2070 Aug	153	0.0663	0.1	0.00301	28	0.0328	18.8	0.00122	0.00103	0.00000539	0.0058	0.00132	0.0195	0.0194	0.00000535	18.6	0.0000165	0.000378	0.000262	0.00105
2070 Sep	154	0.0663	0.101	0.00302	28	0.0328	18.9	0.00122	0.00103	0.00000538	0.0058	0.00132	0.0195	0.0193	0.00000535	18.6	0.0000164	0.000378	0.000262	0.00105
2070 Oct	154	0.0664	0.101	0.00302	28	0.0328	18.9	0.00122	0.00102	0.00000538	0.00579	0.00131	0.0195	0.0193	0.00000534	18.6	0.0000164	0.000378	0.000261	0.00105
2070 Nov	154	0.0664	0.101	0.00302	28	0.0328	18.9	0.00122	0.00102	0.00000538	0.0058	0.00131	0.0196	0.0193	0.00000534	18.6	0.0000164	0.000378	0.000261	0.00105
2070 Dec	154	0.0664	0.101	0.00302	28	0.0328	18.9	0.00122	0.00102	0.00000538	0.0058	0.00131	0.0196	0.0193	0.00000534	18.6	0.0000164	0.000378	0.000261	0.00105
2071 Jan	154	0.0664	0.101	0.00302	28	0.0328	18.9	0.00122	0.00102	0.00000538	0.0058	0.00131	0.0196	0.0193	0.00000534	18.6	0.0000164	0.000378	0.000261	0.00105
2071 Feb	154	0.0664	0.101	0.00302	28	0.0328	18.9	0.00122	0.00102	0.00000538	0.0058	0.00131	0.0196	0.0193	0.00000534	18.6	0.0000164	0.000378	0.000261	0.00105
2071 Mar	154	0.0664	0.101	0.00302	28	0.0328	18.9	0.00122	0.00102	0.00000538	0.0058	0.00131	0.0196	0.0193	0.00000534	18.6	0.0000164	0.000378	0.000261	0.00105
2071 Apr	154	0.0665	0.101	0.00302	28	0.0328	18.9	0.00122	0.00102	0.00000538	0.0058	0.00131	0.0196	0.0193	0.00000534	18.6	0.0000164	0.000378	0.000261	0.00105
2071 May	154	0.0666	0.101	0.00302	28	0.0329	19	0.00122	0.00102	0.00000538	0.0058	0.00132	0.0196	0.0193	0.00000534	18.6	0.0000164	0.000379	0.000262	0.00105
2071 Jun	152	0.0674	0.102	0.00302	27.9	0.033	19	0.00122	0.00102	0.00000534	0.00577	0.00133	0.0198	0.0195	0.00000531	18.8	0.0000163	0.00039	0.000264	0.00105
2071 Jul	153	0.0675	0.103	0.00304	28	0.033	19.2	0.00123	0.00102	0.00000534	0.00576	0.00134	0.02	0.0195	0.00000531	18.8	0.0000163	0.000393	0.000264	0.00105
2071 Aug	154	0.0678	0.103	0.00306	28.1	0.0332	19.3	0.00123	0.00102	0.00000536	0.00578	0.00134	0.0201	0.0195	0.00000533	18.9	0.0000164	0.000394	0.000265	0.00106
2071 Sep	154	0.0678	0.103	0.00306	28.1	0.0332	19.4	0.00123	0.00102	0.00000535	0.00578	0.00134	0.0201	0.0195	0.00000532	18.8	0.0000164	0.000394	0.000265	0.00106
2071 Oct	155	0.0678	0.103	0.00306	28.1	0.0331	19.5	0.00123	0.00102	0.00000535	0.00577	0.00134	0.0201	0.0195	0.00000532	18.8	0.0000164	0.000393	0.000265	0.00106
2071 Nov	155	0.0678	0.103	0.00307	28.1	0.0331	19.5	0.00123	0.00102	0.00000534	0.00577	0.00134	0.0201	0.0195	0.00000532	18.8	0.0000164	0.000393	0.000265	0.00106
2071 Dec	155	0.0678	0.103	0.00307	28.1	0.0331	19.5	0.00123	0.00102	0.00000534	0.00577	0.00134	0.0201	0.0195	0.00000532	18.8	0.0000164	0.000393	0.000265	0.00106
2072 Jan	155	0.0678	0.103	0.00307	28.1	0.0331	19.5	0.00123	0.00102	0.00000534	0.00577	0.00134	0.0201	0.0195	0.00000532	18.8	0.0000164	0.000393	0.000265	0.00106
2072 Feb	155	0.0678	0.103	0.00307	28.1	0.0331	19.5	0.00123	0.00102	0.00000534	0.00577	0.00134	0.0201	0.0195	0.00000532	18.8	0.0000164	0.000393	0.000265	0.00106
2072 Mar	155	0.0678	0.103	0.00307	28.1	0.0331	19.5	0.00123	0.00102	0.00000534	0.00577	0.00134	0.0201	0.0195	0.00000532	18.8	0.0000164	0.000393	0.000265	0.00106
2072 Apr	155	0.0679	0.103	0.00307	28.1	0.0331	19.5	0.00123	0.00102	0.00000535	0.00577	0.00134	0.0201	0.0195	0.00000532	18.8	0.0000164	0.000393	0.000265	0.00106
2072 May	155	0.068	0.104	0.00307	28.1	0.0332	19.5	0.00123	0.00102	0.00000535	0.00578	0.00134	0.0201	0.0195	0.00000533	18.9	0.0000164	0.000394	0.000265	0.00106
2072 Jun	154	0.0675	0.104	0.00308	27.9	0.0333	19.6	0.00123	0.00102	0.00000535	0.0058	0.00134	0.0203	0.0193	0.00000533	18.7	0.0000164	0.000396	0.000261	0.00106
2072 Jul	154	0.0675	0.104	0.00309	28	0.0334	19.7	0.00124	0.00102	0.00000537	0.00582	0.00134	0.0204	0.0192	0.00000534	18.7	0.0000165	0.000398	0.000259	0.00106
2072 Aug	154	0.0673	0.105	0.0031	27.9	0.0336	19.7	0.00124	0.00102	0.00000537	0.00582	0.00134	0.0206	0.0191	0.00000535	18.6	0.0000165	0.000399	0.000256	0.00105
2072 Sep	154	0.0671	0.105	0.00311	27.8	0.0337	19.8	0.00124	0.00102	0.00000537	0.00582	0.00134	0.0206	0.0189	0.00000535	18.5	0.0000164	0.000399	0.000253	0.00105
2072 Oct	153	0.0666	0.105	0.00311	27.6	0.0339	19.8	0.00124	0.00102	0.00000535	0.00579	0.00134	0.0208	0.0186	0.00000533	18.2	0.0000162	0.0004	0.000247	0.00105
2072 Nov	152	0.0666	0.105	0.00311	27.6	0.0339	19.8	0.00124	0.00102	0.00000535	0.00579	0.00134	0.0209	0.0185	0.00000533	18.2	0.0000162	0.0004	0.000245	0.00104
2072 Dec	152	0.0666	0.105	0.00311	27.6	0.0339	19.8	0.00124	0.00102	0.00000535	0.00579	0.00134	0.0209	0.0185	0.00000533	18.2	0.0000162	0.0004	0.000245	0.00104
2073 Jan	152	0.0666	0.105	0.00311	27.6	0.034	19.8	0.00124	0.00102	0.00000535	0.00579	0.00134	0.0209	0.0185	0.00000533	18.2	0.0000162	0.0004	0.000245	0.00104
2073 Feb	152	0.0666	0.105	0.00311	27.6	0.034	19.8	0.00124	0.00102	0.00000535	0.00579	0.00134	0.0209	0.0185	0.00000533	18.2	0.0000162	0.0004	0.000245	0.00104
2073 Mar	152	0.0666	0.105	0.00311	27.6	0.034	19.8	0.00124	0.00102	0.00000535	0.00579	0.00134	0.0209	0.0185	0.00000533	18.2	0.0000162	0.0004	0.000245	0.00104
2073 Apr	153	0.0667	0.105	0.00311	27.6	0.034	19.8	0.00124	0.00102	0.00000535	0.00579	0.00134	0.0209	0.0185	0.00000534	18.2	0.0000162	0.0004	0.000245	0.00105
2073 May	152	0.0667	0.105	0.00311	27.6	0.0341	19.8	0.00125	0.00102	0.00000535	0.00578	0.00134	0.021	0.0185	0.00000533	18.2	0.0000161	0.000403	0.000245	0.00105
2073 Jun	150	0.0665	0.106	0.00312	27.4	0.0341	20	0.00125	0.00101	0.0000053	0.0057	0.00135	0.0213	0.0185	0.00000529	18.2	0.0000159	0.000413	0.000246	0.00104
2073 Jul	151	0.0667	0.108	0.00314	27.6	0.0342	20.2	0.00125	0.00101	0.00000531	0.00569	0.00136	0.0214	0.0185	0.0000053	18.3	0.0000159	0.000416	0.000247	0.00105
2073 Aug	152	0.0669	0.108	0.00316	27.7	0.0343	20.4	0.00125	0.00101	0.00000532	0.00571	0.00136	0.0215	0.0186	0.00000531	18.4	0.000016	0.000417	0.000247	0.00105
2073 Sep	153	0.067	0.108	0.00317	27.7	0.0343	20.5	0.00125	0.00101	0.00000532	0.00571	0.00136	0.0215	0.0186	0.00000531	18.4	0.000016	0.000417	0.000247	0.00105
2073 Oct	153	0.067	0.108	0.00317	27.7	0.0343	20.5	0.00125	0.00101	0.00000531	0.0057	0.00136	0.0215	0.0185	0.0000053	18.3	0.0000159	0.000416	0.000247	0.00105
2073 Nov	153	0.067	0.108	0.00317	27.7	0.0343	20.5	0.00125	0.00101	0.00000531	0.0057	0.00136	0.0215	0.0185	0.0000053	18.3	0.0000159	0.000416	0.000247	0.00105
2073 Dec	153	0.067	0.108	0.00317	27.7	0.0343	20.5	0.00125	0.00101	0.00000531	0.0057	0.00136	0.0215	0.0185	0.0000053	18.3	0.0000159	0.000416	0.000247	0.00105
2074 Jan	153	0.067	0.108	0.00317	27.7	0.0343	20.5	0.00125	0.00101	0.00000531	0.0057	0.00136	0.0215	0.0185	0.0000053	18.3	0.0000159	0.000416	0.000247	0.00105
2074 Feb	153	0.067	0.108	0.00317	27.7	0.0343	20.5	0.00125	0.00101	0.00000531	0.0057	0.00136	0.0215	0.0185	0.0000053	18.3	0.0000159	0.000416	0.000247	0.00105
2074 Mar	153	0.067	0.108	0.00317	27.7	0.0343	20.5	0.00125	0.00101	0.00000531	0.0057	0.00136	0.0215	0.0185	0.0000053	18.3	0.0000159	0.000416	0.000247	0.00105
2074 Apr	153	0.067	0.108	0.00317	27.7	0.0343	20.6	0.00125	0.00101	0.00000531	0.0057	0.00136	0.0215	0.0185	0.0000053	18.3	0.0000159	0.000416	0.000247	0.00105
2074 May	153	0.0675	0.109	0.00317	27.8	0.0343	20.6	0.00126	0.00101	0.00000531	0.0057	0.00138	0.0216	0.019	0.0000053	18.7	0.000016	0.000424	0.000255	0.00106
2074 Jun	152	0.0681	0.111	0.00319	28	0.0338	21.1	0.00126	0.000993	0.00000524	0.00557	0.00143	0.0221	0.0198	0.00000524	19.4	0.0000159	0.000449	0.000273	0.00107
2074 Jul	154	0.0684	0.112	0.00321	28.2	0.0339	21.3	0.00126	0.000996	0.00000525	0.00558	0.00143	0.0223	0.0199	0.00000525	19.5	0.000016	0.000453	0.000275	0.00108
2074 Aug	155	0.0688	0.113	0.00323	28.3	0.0341	21.5	0.00127	0.001	0.00000528	0.00561	0.00144	0.0224	0.02	0.00000528	19.6	0.000016	0.000455	0.000276	0.00108
2074 Sep	155	0.0688	0.113	0.00324	28.3	0.0341	21.6	0.00127	0.000999	0.00000527	0.0056	0.00144	0.0224	0.02	0.00000527	19.6	0.000016	0.000454	0.000276	0.00108
2074 Oct	156	0.0688	0.113	0.00324	28.3	0.0341	21.6	0.00127	0.000998	0.00000526	0.0056	0.00144	0.0224	0.02	0.00000527	19.6	0.000016	0.000454	0.000275	0.00108
2074 Nov	156	0.0688	0.113	0.00324	28.3	0.0341	21.6	0.00127	0.000998	0.00000526	0.0056	0.00144	0.0224	0.0199	0.00000527	19.6	0.000016	0.000453	0.000275	0.00108
2074 Dec	156	0.0688	0.113	0.00324	28.3	0.0341	21.6	0.00127	0.000998	0.00000526	0.0056	0.00144	0.0224	0.0199	0.00000527	19.6	0.000016	0.000453	0.000275	0.00108
2075 Jan	156	0.0688	0.113	0.00324	28.3	0.0341	21.6	0.00127	0.000998	0.00000526	0.0056	0.00144	0.0224	0.0199	0.00000527	19.6	0.000016	0.000453	0.000275	0.00108
2075 Feb	156	0.0688	0.113	0.00324	28.3	0.0341	21.6	0.00127	0.000998	0.00000526	0.0056	0.00144	0.0224	0.0199	0.00000527	19.6	0.000016	0.000453	0.000275	0.00108
2075 Mar	156	0.0688	0.113	0.00324	28.3	0.0341	21.6	0.00127	0.000998	0.00000526	0.0056	0.00144	0.0224	0.0199	0.00000527	19.6	0.000016	0.000454	0.000275	0.00108
2075 Apr	156	0.0689	0.113	0.00324	28.3	0.0341	21.6	0.00127	0.000998	0.00000527	0.0056	0.00144	0.0224	0.02	0.00000527	19.6	0.000016	0.000454	0.000276	0.00108
2075 May	156	0.069	0.113	0.00325	28.4	0.0341	21.7	0.00127	0.001	0.00000527	0.00561	0.00144	0.0224	0.02	0.00000528	19.6	0.0000161	0.000454	0.000276	0.00108
2075 Jun	155	0.0677	0.114	0.00327	28	0.0341	21.8	0.00128	0.000998	0.00000527	0.00563	0.00144	0.0228	0.0196	0.00000528	19.3	0.0000162	0.00046	0.000269	0.00108
2075 Jul	155	0.0671	0.115	0.00329	28	0.0341	22	0.00128	0.001	0.00000528	0.00565	0.00144	0.0231	0.0193	0.00000529	19.2	0.0000164	0.000465	0.000265	0.00107
2075 Aug	156	0.0674	0.116	0.00331	28.1	0.0342	22.1	0.00129	0.001	0.00000529	0.00566	0.00145	0.0232	0.0194	0.00000531	19.3	0.0000164	0.000467	0.000266	0.00108
2075 Sep	156	0.0675	0.116	0.00332	28.1	0.0343	22.2	0.00129	0.001	0.0000053	0.00567	0.00145	0.0232	0.0194	0.00000531	19.3	0.0000165	0.000467	0.000266	0.00108
2075 Oct	157	0.0675	0.116	0.00332	28.1	0.0343	22.3	0.00129	0.001	0.0000053	0.00567	0.00145	0.0232	0.0194	0.00000531	19.3	0.0000165	0.000467	0.000266	0.00108
2075 Nov	157	0.0676	0.116	0.00332	28.1	0.0343	22.3	0.00129	0.001	0.0000053	0.00567	0.00145	0.0232	0.0194	0.00000531	19.3	0.0000165	0.000467	0.000266	0.00108
2075 Dec	157	0.0676	0.116	0.00332	28.1	0.0343	22.3	0.00129	0.001	0.0000053	0.00567	0.00145	0.0232	0.0194	0.00000531	19.3	0.0000165	0.000467	0.000266	0.00108

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	157	0.0676	0.116	0.00332	28.1	0.0343	22.3	0.00129	0.001	0.0000053	0.00567	0.00145	0.0232	0.0194	0.00000531	19.3	0.0000165	0.000467	0.000266	0.00108
2076 Feb	157	0.0676	0.116	0.00332	28.1	0.0343	22.3	0.00129	0.001	0.0000053	0.00567	0.00145	0.0232	0.0194	0.00000531	19.3	0.0000165	0.000467	0.000266	0.00108
2076 Mar	157	0.0676	0.116	0.00332	28.1	0.0343	22.3	0.00129	0.001	0.0000053	0.00567	0.00145	0.0232	0.0194	0.00000531	19.3	0.0000165	0.000467	0.000266	0.00108
2076 Apr	157	0.0676	0.116	0.00332	28.1	0.0343	22.3	0.00129	0.001	0.0000053	0.00567	0.00145	0.0232	0.0194	0.00000531	19.3	0.0000165	0.000467	0.000266	0.00108
2076 May	157	0.0677	0.116	0.00333	28.2	0.0343	22.3	0.00129	0.00101	0.0000053	0.00568	0.00145	0.0232	0.0194	0.00000532	19.3	0.0000165	0.000468	0.000267	0.00108
2076 Jun	156	0.0669	0.117	0.00332	27.9	0.0342	22.4	0.00129	0.001	0.0000053	0.0057	0.00146	0.0234	0.0194	0.00000532	19.3	0.0000167	0.000474	0.000267	0.00108
2076 Jul	156	0.0668	0.117	0.00334	28	0.0342	22.5	0.0013	0.00101	0.00000531	0.00572	0.00146	0.0236	0.0194	0.00000533	19.3	0.0000168	0.000477	0.000267	0.00108
2076 Aug	157	0.0672	0.118	0.00336	28.1	0.0344	22.7	0.0013	0.00101	0.00000533	0.00574	0.00147	0.0237	0.0195	0.00000535	19.4	0.0000168	0.000479	0.000268	0.00109
2076 Sep	158	0.0673	0.118	0.00337	28.2	0.0345	22.8	0.00131	0.00101	0.00000534	0.00575	0.00147	0.0238	0.0195	0.00000536	19.5	0.0000169	0.00048	0.000268	0.00109
2076 Oct	158	0.0673	0.118	0.00337	28.1	0.0344	22.8	0.0013	0.00101	0.00000533	0.00574	0.00147	0.0237	0.0195	0.00000535	19.4	0.0000168	0.000479	0.000268	0.00109
2076 Nov	158	0.0673	0.118	0.00337	28.1	0.0344	22.8	0.0013	0.00101	0.00000533	0.00574	0.00147	0.0237	0.0195	0.00000535	19.4	0.0000168	0.000479	0.000268	0.00109
2076 Dec	158	0.0673	0.118	0.00337	28.1	0.0344	22.8	0.0013	0.00101	0.00000533	0.00574	0.00147	0.0237	0.0195	0.00000535	19.4	0.0000168	0.000479	0.000268	0.00109
2077 Jan	158	0.0673	0.118	0.00337	28.1	0.0344	22.8	0.0013	0.00101	0.00000533	0.00574	0.00147	0.0237	0.0195	0.00000535	19.4	0.0000168	0.000479	0.000268	0.00109
2077 Feb	158	0.0673	0.118	0.00337	28.1	0.0344	22.8	0.0013	0.00101	0.00000533	0.00574	0.00147	0.0237	0.0195	0.00000535	19.4	0.0000168	0.000479	0.000268	0.00109
2077 Mar	158	0.0673	0.118	0.00337	28.1	0.0344	22.8	0.0013	0.00101	0.00000533	0.00574	0.00147	0.0237	0.0195	0.00000535	19.4	0.0000168	0.000479	0.000268	0.00109
2077 Apr	158	0.0673	0.118	0.00337	28.1	0.0344	22.8	0.0013	0.00101	0.00000533	0.00574	0.00147	0.0237	0.0195	0.00000535	19.4	0.0000168	0.000479	0.000268	0.00109
2077 May	158	0.0674	0.118	0.00337	28.2	0.0345	22.9	0.00131	0.00101	0.00000534	0.00576	0.00147	0.0238	0.0196	0.00000536	19.5	0.0000169	0.000481	0.000269	0.00109
2077 Jun	156	0.0675	0.117	0.00334	28	0.0343	22.8	0.00131	0.00101	0.00000534	0.00579	0.0015	0.0239	0.0201	0.00000536	19.9	0.0000171	0.000491	0.000278	0.0011
2077 Jul	157	0.0678	0.118	0.00336	28.1	0.0345	22.9	0.00132	0.00102	0.00000536	0.00582	0.0015	0.024	0.0201	0.00000539	20	0.0000172	0.000493	0.000279	0.0011
2077 Aug	158	0.0681	0.119	0.00338	28.3	0.0346	23.1	0.00132	0.00102	0.00000538	0.00584	0.00151	0.0241	0.0202	0.00000541	20.1	0.0000173	0.000495	0.00028	0.00111
2077 Sep	159	0.0681	0.119	0.00339	28.2	0.0345	23.2	0.00132	0.00102	0.00000537	0.00583	0.00151	0.0241	0.0202	0.00000539	20	0.0000172	0.000494	0.00028	0.0011
2077 Oct	159	0.0681	0.119	0.00339	28.2	0.0345	23.2	0.00132	0.00102	0.00000537	0.00583	0.00151	0.0241	0.0202	0.00000539	20	0.0000172	0.000494	0.000279	0.0011
2077 Nov	159	0.0682	0.119	0.00339	28.2	0.0346	23.2	0.00132	0.00102	0.00000537	0.00583	0.00151	0.0241	0.0202	0.00000539	20	0.0000172	0.000494	0.00028	0.00111
2077 Dec	159	0.0682	0.119	0.00339	28.2	0.0346	23.2	0.00132	0.00102	0.00000537	0.00583	0.00151	0.0241	0.0202	0.00000539	20	0.0000172	0.000494	0.00028	0.00111
2078 Jan	159	0.0682	0.119	0.00339	28.2	0.0346	23.2	0.00132	0.00102	0.00000537	0.00583	0.00151	0.0241	0.0202	0.00000539	20	0.0000172	0.000494	0.00028	0.00111
2078 Feb	159	0.0682	0.119	0.00339	28.2	0.0346	23.2	0.00132	0.00102	0.00000537	0.00583	0.00151	0.0241	0.0202	0.00000539	20	0.0000172	0.000494	0.00028	0.00111
2078 Mar	159	0.0682	0.119	0.00339	28.2	0.0346	23.2	0.00132	0.00102	0.00000537	0.00583	0.00151	0.0241	0.0202	0.00000539	20	0.0000172	0.000494	0.00028	0.00111
2078 Apr	159	0.0682	0.119	0.00339	28.2	0.0346	23.3	0.00132	0.00102	0.00000537	0.00584	0.00151	0.0241	0.0202	0.0000054	20.1	0.0000173	0.000494	0.00028	0.00111
2078 May	158	0.0688	0.118	0.00337	28.2	0.0347	23.2	0.00132	0.00102	0.00000539	0.00588	0.00153	0.0241	0.0206	0.00000542	20.4	0.0000174	0.000501	0.000287	0.00112
2078 Jun	155	0.0694	0.118	0.00335	28.2	0.0346	23.3	0.00133	0.00102	0.00000537	0.00587	0.00156	0.0244	0.0213	0.0000054	20.9	0.0000175	0.000517	0.000299	0.00113
2078 Jul	157	0.0697	0.119	0.00337	28.3	0.0347	23.4	0.00133	0.00102	0.00000539	0.00589	0.00157	0.0245	0.0214	0.00000542	21	0.0000175	0.00052	0.0003	0.00113
2078 Aug	158	0.07	0.119	0.00339	28.4	0.0348	23.6	0.00134	0.00102	0.0000054	0.00591	0.00157	0.0246	0.0214	0.00000544	21.1	0.0000176	0.000521	0.000301	0.00114
2078 Sep	158	0.0701	0.12	0.0034	28.5	0.0349	23.7	0.00134	0.00103	0.00000541	0.00591	0.00158	0.0247	0.0214	0.00000544	21.1	0.0000176	0.000522	0.000301	0.00114
2078 Oct	159	0.0701	0.12	0.0034	28.5	0.0349	23.7	0.00134	0.00102	0.0000054	0.00591	0.00157	0.0247	0.0214	0.00000544	21.1	0.0000176	0.000521	0.000301	0.00114
2078 Nov	159	0.0701	0.12	0.0034	28.5	0.0349	23.7	0.00134	0.00102	0.0000054	0.00591	0.00157	0.0247	0.0214	0.00000544	21.1	0.0000176	0.000521	0.000301	0.00114
2078 Dec	159	0.0701	0.12	0.0034	28.5	0.0349	23.7	0.00134	0.00102	0.0000054	0.00591	0.00157	0.0247	0.0214	0.00000544	21.1	0.0000176	0.000521	0.000301	0.00114
2079 Jan	159	0.0701	0.12	0.0034	28.5	0.0349	23.7	0.00134	0.00102	0.0000054	0.00591	0.00157	0.0247	0.0214	0.00000544	21.1	0.0000176	0.000521	0.000301	0.00114
2079 Feb	159	0.0701	0.12	0.0034	28.5	0.0349	23.7	0.00134	0.00102	0.0000054	0.00591	0.00157	0.0247	0.0214	0.00000544	21.1	0.0000176	0.000521	0.000301	0.00114
2079 Mar	159	0.0701	0.12	0.0034	28.5	0.0349	23.7	0.00134	0.00102	0.0000054	0.00591	0.00157	0.0247	0.0214	0.00000544	21.1	0.0000176	0.000521	0.000301	0.00114
2079 Apr	159	0.0702	0.12	0.0034	28.5	0.0349	23.8	0.00134	0.00102	0.0000054	0.00591	0.00158	0.0247	0.0214	0.00000544	21.1	0.0000176	0.000522	0.000301	0.00114
2079 May	159	0.0703	0.12	0.00341	28.5	0.0349	23.8	0.00134	0.00103	0.00000541	0.00592	0.00158	0.0247	0.0215	0.00000545	21.1	0.0000176	0.000522	0.000302	0.00114
2079 Jun	157	0.069	0.12	0.00339	28.1	0.0348	23.8	0.00134	0.00102	0.0000054	0.00593	0.00158	0.0249	0.0212	0.00000544	21	0.0000178	0.000528	0.000297	0.00113
2079 Jul	156	0.0687	0.12	0.00341	28.1	0.0349	23.9	0.00135	0.00102	0.0000054	0.00594	0.00158	0.0251	0.0211	0.00000544	20.9	0.0000178	0.000532	0.000295	0.00113
2079 Aug	157	0.0689	0.121	0.00343	28.2	0.035	24.1	0.00135	0.00103	0.00000542	0.00596	0.00159	0.0252	0.0211	0.00000546	21	0.0000179	0.000534	0.000296	0.00113
2079 Sep	158	0.069	0.121	0.00343	28.2	0.035	24.1	0.00135	0.00103	0.00000541	0.00595	0.00159	0.0252	0.0211	0.00000546	21	0.0000179	0.000533	0.000296	0.00113
2079 Oct	158	0.069	0.121	0.00343	28.2	0.035	24.2	0.00135	0.00103	0.00000541	0.00595	0.00159	0.0252	0.0211	0.00000545	20.9	0.0000179	0.000532	0.000296	0.00113
2079 Nov	158	0.069	0.121	0.00343	28.1	0.035	24.2	0.00135	0.00102	0.0000054	0.00595	0.00158	0.0252	0.0211	0.00000545	20.9	0.0000179	0.000532	0.000295	0.00113
2079 Dec	158	0.0689	0.121	0.00343	28.1	0.035	24.2	0.00135	0.00102	0.0000054	0.00595	0.00158	0.0253	0.021	0.00000545	20.9	0.0000179	0.000533	0.000294	0.00113
2080 Jan	158	0.0689	0.121	0.00343	28.1	0.035	24.2	0.00135	0.00102	0.0000054	0.00595	0.00158	0.0253	0.021	0.00000545	20.9	0.0000179	0.000533	0.000294	0.00113
2080 Feb	158	0.0689	0.121	0.00343	28.1	0.035	24.2	0.00135	0.00102	0.0000054	0.00595	0.00158	0.0253	0.021	0.00000545	20.9	0.0000179	0.000533	0.000294	0.00113
2080 Mar	158	0.0689	0.121	0.00343	28.1	0.035	24.2	0.00135	0.00102	0.0000054	0.00595	0.00158	0.0253	0.021	0.00000545	20.9	0.0000179	0.000533	0.000294	0.00113
2080 Apr	158	0.069	0.121	0.00344	28.1	0.035	24.2	0.00135	0.00102	0.0000054	0.00595	0.00159	0.0253	0.021	0.00000545	20.9	0.0000179	0.000533	0.000294	0.00113
2080 May	158	0.0691	0.121	0.00344	28.2	0.0351	24.3	0.00135	0.00103	0.00000541	0.00596	0.00159	0.0253	0.0211	0.00000546	20.9	0.0000179	0.000534	0.000295	0.00113
2080 Jun	156	0.068	0.121	0.00344	27.8	0.0352	24.2	0.00136	0.00102	0.0000054	0.00597	0.00158	0.0256	0.0205	0.00000545	20.5	0.0000179	0.000535	0.000284	0.00112
2080 Jul	156	0.0674	0.122	0.00345	27.6	0.0353	24.3	0.00136	0.00102	0.0000054	0.00598	0.00157	0.0258	0.0201	0.00000545	20.2	0.0000179	0.000537	0.000277	0.00112
2080 Aug	157	0.0676	0.122	0.00347	27.7	0.0354	24.5	0.00136	0.00102	0.00000541	0.00599	0.00158	0.0259	0.0201	0.00000546	20.3	0.000018	0.000538	0.000278	0.00112
2080 Sep	157	0.0677	0.122	0.00348	27.7	0.0354	24.6	0.00136	0.00102	0.00000541	0.00599	0.00158	0.0259	0.0201	0.00000546	20.3	0.000018	0.000538	0.000278	0.00112
2080 Oct	158	0.0677	0.122	0.00348	27.7	0.0354	24.6	0.00136	0.00102	0.0000054	0.00599	0.00158	0.0259	0.0201	0.00000545	20.3	0.000018	0.000538	0.000278	0.00112
2080 Nov	158	0.0677	0.123	0.00348	27.7	0.0354	24.7	0.00136	0.00102	0.0000054	0.00598	0.00157	0.0259	0.02	0.00000545	20.2	0.000018	0.000538	0.000277	0.00112
2080 Dec	158	0.0677	0.123	0.00348	27.7	0.0354	24.7	0.00136	0.00102	0.0000054	0.00598	0.00157	0.0259	0.02	0.00000545	20.2	0.000018	0.000538	0.000276	0.00112
2081 Jan	158	0.0677	0.123	0.00348	27.7	0.0354	24.7	0.00136	0.00102	0.0000054	0.00598	0.00157	0.0259	0.02	0.00000545	20.2	0.000018	0.000538	0.000276	0.00112
2081 Feb	158	0.0677	0.123	0.00348	27.7	0.0354	24.7	0.00136	0.00102	0.0000054	0.00599	0.00157	0.0259	0.02	0.00000545	20.2	0.000018	0.000538	0.000276	0.00112
2081 Mar	158	0.0677	0.123	0.00348	27.7	0.0354	24.7	0.00136	0.00102	0.0000054	0.00599	0.00157	0.0259	0.02	0.00000545	20.2	0.000018	0.000538	0.000276	0.00112
2081 Apr	158	0.0677	0.123	0.00348	27.7	0.0354	24.7	0.00136	0.00102	0.0000054	0.00599	0.00157	0.0259	0.02	0.00000545	20.2	0.000018	0.000538	0.000276	0.00112
2081 May	157	0.0676	0.123	0.00349	27.6	0.0355	24.7	0.00137	0.00102	0.00000541	0.006	0.00158	0.0261	0.02	0.00000546	20.2	0.000018	0.00054	0.000275	0.00112
2081 Jun	156	0.0671	0.123	0.0035	27.4	0.0357	24.9	0.00137	0.00102	0.00000538	0.00596	0.00158	0.0264	0.0197	0.00000544	20.1	0.0000179	0.000548	0.000271	0.00112
2081 Jul	156	0.0675	0.124	0.00352	27.6	0.0359	25.1	0.00138	0.00102	0.00000541	0.00598	0.00159	0.0266	0.0198	0.00000547	20.1	0.0000179	0.000552	0.000272	0.00112
2081 Aug	158	0.0678	0.125	0.00354	27.7	0.0361	25.2	0.00138	0.00103	0.00000543	0.00601	0.0016	0.0268	0.0199	0.00000549	20.2	0.000018	0.000555	0.000273	0.00113
2081 Sep	158	0.0679	0.125	0.00355	27.7	0.0361	25.3	0.00138	0.00103	0.00000543	0.00602	0.0016	0.0268	0.0199	0.00000549	20.3	0.0000181	0.000555	0.000273	0.00113
2081 Oct	159	0.0679	0.125	0.00355	27.8	0.0361	25.4	0.00138	0.00103	0.00000543	0.00602	0.0016	0.0268	0.0199	0.00000549	20.3	0.0000181	0.000555	0.000273	0.00113
2081 Nov	159	0.0679	0.125	0.00355	27.7	0.0361	25.4	0.00138	0.00103	0.00000543	0.00601	0.0016	0.0268	0.0199	0.00000549	20.2	0.000018	0.000554	0.000273	0.00113
2081 Dec	159	0.0679	0.125	0.00355	27.7	0.0361	25.4	0.00138	0.00103	0.00000543	0.00601	0.0016	0.0268	0.0199	0.00000549	20.2	0.000018	0.000554	0.000273	0.00113
2082 Jan	159	0.0679	0.125	0.00355	27.7	0.0361	25.4	0.00138	0.00103	0.00000543	0.00601	0.0016	0.0268	0.0199	0.00000549	20.2	0.000018	0.000554	0.000273	0.00113
2082 Feb	159	0.0679	0.125	0.00355	27.7	0.0361	25.4	0.00138	0.00103	0.00000543	0.00601	0.0016	0.0268	0.0199	0.00000549	20.2	0.000018	0.000554	0.000273	0.00113
2082 Mar	159	0.0679	0.125	0.00355	27.7	0.0361	25.4	0.00138	0.00103	0.00000543	0.00601	0.0016	0.0268	0.0199	0.00000549	20.2	0.000018	0.000554	0.000273	0.00113
2082 Apr	159	0.0679	0.125	0.00355	27.7	0.0361	25.4	0.00138	0.00103	0.00000543	0.00601	0.0016	0.0268	0.0199	0.00000549	20.3	0.000018	0.000554	0.000273	0.00113
2082 May	159	0.068	0.126	0.00356	27.8	0.0361	25.4	0.00139	0.00103	0.00000544	0.00602	0.0016	0.0268	0.0199	0.0000055	20.3	0.0000181	0.000555	0.000273	0.00113

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	156	0.0662	0.124	0.00354	27.2	0.0361	25.2	0.00139	0.00103	0.00000544	0.00607	0.00159	0.027	0.0193	0.0000055	19.8	0.0000182	0.000555	0.000263	0.00112
2082 Jul	153	0.0646	0.124	0.00353	26.7	0.036	25.2	0.00139	0.00103	0.00000543	0.00609	0.00158	0.0272	0.0187	0.0000055	19.4	0.0000184	0.000558	0.000252	0.0011
2082 Aug	154	0.0648	0.124	0.00355	26.8	0.0362	25.3	0.0014	0.00103	0.00000545	0.00611	0.00159	0.0273	0.0188	0.00000552	19.5	0.0000184	0.00056	0.000253	0.00111
2082 Sep	155	0.065	0.125	0.00356	26.8	0.0362	25.4	0.0014	0.00103	0.00000546	0.00612	0.00159	0.0274	0.0188	0.00000552	19.5	0.0000184	0.00056	0.000253	0.00111
2082 Oct	155	0.0649	0.125	0.00356	26.8	0.0362	25.5	0.0014	0.00103	0.00000544	0.00611	0.00159	0.0273	0.0187	0.00000551	19.4	0.0000184	0.000559	0.000253	0.00111
2082 Nov	155	0.0649	0.125	0.00356	26.8	0.0362	25.5	0.0014	0.00103	0.00000544	0.00611	0.00159	0.0273	0.0187	0.00000551	19.4	0.0000184	0.000559	0.000253	0.00111
2082 Dec	155	0.0649	0.125	0.00356	26.8	0.0362	25.5	0.0014	0.00103	0.00000544	0.00611	0.00159	0.0273	0.0187	0.00000551	19.4	0.0000184	0.000559	0.000253	0.00111
2083 Jan	155	0.0649	0.125	0.00356	26.8	0.0362	25.5	0.0014	0.00103	0.00000544	0.00611	0.00159	0.0273	0.0187	0.00000551	19.4	0.0000184	0.000559	0.000253	0.00111
2083 Feb	155	0.0649	0.125	0.00356	26.8	0.0362	25.5	0.0014	0.00103	0.00000544	0.00611	0.00159	0.0273	0.0187	0.00000551	19.4	0.0000184	0.000559	0.000253	0.00111
2083 Mar	155	0.0649	0.125	0.00356	26.8	0.0362	25.5	0.0014	0.00103	0.00000544	0.00611	0.00159	0.0273	0.0187	0.00000551	19.5	0.0000184	0.000559	0.000253	0.00111
2083 Apr	155	0.065	0.125	0.00356	26.8	0.0362	25.5	0.0014	0.00103	0.00000544	0.00611	0.00159	0.0273	0.0188	0.00000551	19.5	0.0000184	0.000559	0.000253	0.00111
2083 May	155	0.0651	0.125	0.00356	26.8	0.0363	25.5	0.0014	0.00103	0.00000545	0.00613	0.00159	0.0274	0.0188	0.00000552	19.5	0.0000185	0.000561	0.000253	0.00111
2083 Jun	153	0.0651	0.125	0.00355	26.6	0.0362	25.6	0.0014	0.00102	0.00000541	0.00608	0.00161	0.0277	0.0189	0.00000548	19.6	0.0000184	0.000574	0.000256	0.00111
2083 Jul	154	0.0652	0.126	0.00357	26.7	0.0363	25.9	0.00141	0.00102	0.00000541	0.00608	0.00161	0.028	0.0189	0.00000548	19.7	0.0000184	0.000578	0.000256	0.00111
2083 Aug	155	0.0654	0.126	0.00359	26.8	0.0364	26	0.00141	0.00102	0.00000542	0.00609	0.00162	0.028	0.0189	0.00000549	19.7	0.0000184	0.000579	0.000256	0.00112
2083 Sep	155	0.0655	0.127	0.0036	26.8	0.0364	26.1	0.00141	0.00102	0.00000541	0.00608	0.00162	0.0281	0.0189	0.00000549	19.7	0.0000184	0.000579	0.000256	0.00112
2083 Oct	155	0.0655	0.127	0.00361	26.8	0.0365	26.3	0.00141	0.00102	0.00000539	0.00606	0.00162	0.0282	0.0188	0.00000548	19.6	0.0000183	0.000582	0.000254	0.00111
2083 Nov	155	0.0656	0.127	0.00361	26.7	0.0366	26.4	0.00141	0.00102	0.00000539	0.00604	0.00162	0.0283	0.0187	0.00000547	19.6	0.0000183	0.000583	0.000253	0.00111
2083 Dec	155	0.0656	0.127	0.00361	26.7	0.0366	26.4	0.00141	0.00102	0.00000539	0.00604	0.00162	0.0283	0.0187	0.00000547	19.6	0.0000183	0.000583	0.000253	0.00111
2084 Jan	155	0.0656	0.127	0.00361	26.7	0.0366	26.4	0.00141	0.00102	0.00000539	0.00604	0.00162	0.0283	0.0187	0.00000547	19.6	0.0000183	0.000584	0.000253	0.00111
2084 Feb	155	0.0656	0.127	0.00361	26.7	0.0366	26.4	0.00141	0.00102	0.00000539	0.00604	0.00162	0.0283	0.0187	0.00000547	19.6	0.0000183	0.000584	0.000253	0.00111
2084 Mar	155	0.0656	0.127	0.00361	26.8	0.0366	26.4	0.00141	0.00102	0.00000539	0.00604	0.00162	0.0283	0.0187	0.00000547	19.6	0.0000183	0.000584	0.000253	0.00111
2084 Apr	155	0.0656	0.127	0.00362	26.8	0.0366	26.4	0.00141	0.00102	0.00000539	0.00605	0.00162	0.0283	0.0187	0.00000547	19.6	0.0000183	0.000584	0.000253	0.00111
2084 May	155	0.0659	0.128	0.00362	26.8	0.0368	26.5	0.00141	0.00102	0.00000539	0.00604	0.00163	0.0285	0.0188	0.00000548	19.7	0.0000183	0.000588	0.000255	0.00112
2084 Jun	155	0.0666	0.13	0.00365	26.9	0.0368	27.1	0.00141	0.001	0.00000531	0.00591	0.00166	0.029	0.0191	0.0000054	20	0.0000179	0.000607	0.000262	0.00113
2084 Jul	156	0.0669	0.131	0.00367	27.1	0.037	27.3	0.00142	0.001	0.00000532	0.00591	0.00167	0.0292	0.0192	0.00000542	20.1	0.000018	0.000611	0.000263	0.00113
2084 Aug	157	0.0672	0.131	0.00369	27.2	0.0371	27.5	0.00142	0.00101	0.00000534	0.00593	0.00167	0.0293	0.0192	0.00000543	20.2	0.000018	0.000613	0.000264	0.00114
2084 Sep	158	0.0673	0.131	0.0037	27.2	0.0371	27.6	0.00142	0.00101	0.00000534	0.00593	0.00167	0.0294	0.0192	0.00000543	20.2	0.000018	0.000613	0.000264	0.00114
2084 Oct	158	0.0672	0.131	0.0037	27.2	0.037	27.6	0.00142	0.001	0.00000533	0.00592	0.00167	0.0293	0.0192	0.00000542	20.2	0.000018	0.000612	0.000264	0.00113
2084 Nov	158	0.0672	0.131	0.0037	27.2	0.037	27.6	0.00142	0.001	0.00000533	0.00592	0.00167	0.0293	0.0192	0.00000542	20.2	0.000018	0.000611	0.000264	0.00113
2084 Dec	158	0.0672	0.131	0.0037	27.2	0.037	27.6	0.00142	0.001	0.00000533	0.00592	0.00167	0.0293	0.0192	0.00000542	20.2	0.000018	0.000611	0.000264	0.00113
2085 Jan	158	0.0672	0.131	0.0037	27.2	0.037	27.6	0.00142	0.001	0.00000533	0.00592	0.00167	0.0293	0.0192	0.00000542	20.2	0.000018	0.000611	0.000264	0.00113
2085 Feb	158	0.0672	0.131	0.0037	27.2	0.037	27.6	0.00142	0.001	0.00000533	0.00592	0.00167	0.0293	0.0192	0.00000542	20.2	0.000018	0.000611	0.000264	0.00113
2085 Mar	158	0.0672	0.131	0.0037	27.2	0.037	27.6	0.00142	0.001	0.00000533	0.00592	0.00167	0.0293	0.0192	0.00000542	20.2	0.000018	0.000611	0.000264	0.00113
2085 Apr	158	0.0673	0.131	0.0037	27.2	0.0371	27.6	0.00142	0.001	0.00000533	0.00592	0.00167	0.0293	0.0192	0.00000542	20.2	0.000018	0.000612	0.000264	0.00113
2085 May	159	0.0675	0.132	0.00371	27.2	0.0371	27.7	0.00142	0.001	0.00000533	0.00593	0.00167	0.0294	0.0193	0.00000543	20.3	0.000018	0.000614	0.000265	0.00114
2085 Jun	159	0.0682	0.133	0.00373	27.4	0.0373	28	0.00143	0.001	0.00000532	0.00591	0.00169	0.0297	0.0195	0.00000542	20.5	0.000018	0.000624	0.00027	0.00115
2085 Jul	160	0.0686	0.134	0.00375	27.5	0.0374	28.2	0.00143	0.00101	0.00000535	0.00593	0.0017	0.0299	0.0196	0.00000545	20.6	0.0000181	0.000626	0.000271	0.00115
2085 Aug	162	0.0687	0.134	0.00376	27.6	0.0375	28.4	0.00144	0.00101	0.00000535	0.00594	0.0017	0.0299	0.0196	0.00000545	20.6	0.0000181	0.000627	0.000272	0.00115
2085 Sep	162	0.0688	0.134	0.00377	27.6	0.0375	28.5	0.00143	0.00101	0.00000534	0.00593	0.0017	0.0299	0.0196	0.00000544	20.6	0.0000181	0.000626	0.000271	0.00115
2085 Oct	162	0.069	0.135	0.00377	27.6	0.0376	28.6	0.00144	0.00101	0.00000534	0.00593	0.0017	0.03	0.0196	0.00000544	20.7	0.0000181	0.000628	0.000272	0.00115
2085 Nov	162	0.0693	0.135	0.00378	27.7	0.0377	28.7	0.00144	0.00101	0.00000534	0.00592	0.00171	0.0301	0.0197	0.00000544	20.7	0.0000181	0.000632	0.000273	0.00116
2085 Dec	162	0.0693	0.135	0.00378	27.7	0.0377	28.7	0.00144	0.00101	0.00000534	0.00592	0.00171	0.0302	0.0197	0.00000544	20.7	0.0000181	0.000632	0.000273	0.00116
2086 Jan	162	0.0694	0.135	0.00378	27.7	0.0377	28.7	0.00144	0.00101	0.00000534	0.00592	0.00171	0.0302	0.0197	0.00000544	20.7	0.0000181	0.000632	0.000273	0.00116
2086 Feb	162	0.0694	0.135	0.00378	27.7	0.0377	28.7	0.00144	0.00101	0.00000534	0.00592	0.00171	0.0302	0.0197	0.00000544	20.7	0.0000181	0.000632	0.000273	0.00116
2086 Mar	162	0.0694	0.135	0.00378	27.7	0.0377	28.7	0.00144	0.00101	0.00000534	0.00592	0.00171	0.0302	0.0197	0.00000544	20.7	0.0000181	0.000632	0.000273	0.00116
2086 Apr	162	0.0694	0.135	0.00378	27.7	0.0377	28.7	0.00144	0.00101	0.00000534	0.00593	0.00171	0.0302	0.0197	0.00000544	20.7	0.0000181	0.000632	0.000273	0.00116
2086 May	163	0.0695	0.135	0.00379	27.7	0.0378	28.7	0.00144	0.00101	0.00000535	0.00594	0.00172	0.0302	0.0197	0.00000545	20.8	0.0000181	0.000633	0.000273	0.00116
2086 Jun	161	0.0702	0.135	0.00379	27.7	0.038	29	0.00145	0.001	0.00000532	0.0059	0.00175	0.0308	0.0201	0.00000543	21.1	0.000018	0.000653	0.00028	0.00117
2086 Jul	162	0.0704	0.137	0.00382	27.8	0.0382	29.4	0.00146	0.001	0.00000532	0.00589	0.00176	0.0311	0.0201	0.00000543	21.2	0.0000181	0.000661	0.000281	0.00117
2086 Aug	163	0.0706	0.137	0.00383	27.9	0.0383	29.6	0.00146	0.001	0.00000533	0.00591	0.00176	0.0312	0.0201	0.00000545	21.3	0.0000181	0.000662	0.000281	0.00118
2086 Sep	164	0.0707	0.138	0.00384	27.9	0.0383	29.6	0.00146	0.001	0.00000533	0.00591	0.00176	0.0312	0.0201	0.00000544	21.3	0.0000181	0.000661	0.000281	0.00118
2086 Oct	164	0.0707	0.138	0.00384	27.9	0.0383	29.7	0.00146	0.001	0.00000533	0.00591	0.00176	0.0312	0.0201	0.00000544	21.3	0.0000181	0.000661	0.000281	0.00118
2086 Nov	164	0.0707	0.138	0.00384	27.9	0.0383	29.7	0.00146	0.001	0.00000533	0.00591	0.00176	0.0312	0.0201	0.00000544	21.3	0.0000181	0.000661	0.000281	0.00118
2086 Dec	164	0.0707	0.138	0.00384	27.9	0.0383	29.7	0.00146	0.001	0.00000533	0.00591	0.00176	0.0312	0.0201	0.00000544	21.3	0.0000181	0.000661	0.000281	0.00118
2087 Jan	164	0.0707	0.138	0.00384	27.9	0.0383	29.7	0.00146	0.001	0.00000533	0.00591	0.00176	0.0312	0.0201	0.00000544	21.3	0.0000181	0.000661	0.000281	0.00118
2087 Feb	164	0.0707	0.138	0.00384	27.9	0.0383	29.7	0.00146	0.001	0.00000533	0.00591	0.00176	0.0312	0.0201	0.00000544	21.3	0.0000181	0.000661	0.000281	0.00118
2087 Mar	164	0.0707	0.138	0.00384	27.9	0.0383	29.7	0.00146	0.001	0.00000533	0.00591	0.00176	0.0312	0.0201	0.00000545	21.3	0.0000181	0.000661	0.000281	0.00118
2087 Apr	164	0.0708	0.138	0.00385	27.9	0.0383	29.7	0.00146	0.001	0.00000533	0.00591	0.00176	0.0312	0.0201	0.00000545	21.3	0.0000181	0.000662	0.000281	0.00118
2087 May	164	0.0709	0.138	0.00385	28	0.0384	29.7	0.00146	0.001	0.00000534	0.00592	0.00177	0.0313	0.0202	0.00000545	21.4	0.0000181	0.000664	0.000283	0.00118
2087 Jun	163	0.071	0.138	0.00385	28	0.0385	29.9	0.00147	0.001	0.00000534	0.00591	0.0018	0.0316	0.0206	0.00000546	21.7	0.0000182	0.000677	0.00029	0.00119
2087 Jul	165	0.0713	0.139	0.00387	28.1	0.0386	30.1	0.00148	0.00101	0.00000536	0.00593	0.0018	0.0318	0.0207	0.00000548	21.8	0.0000182	0.000679	0.000291	0.0012
2087 Aug	166	0.0716	0.139	0.00389	28.2	0.0388	30.3	0.00148	0.00101	0.00000538	0.00595	0.00181	0.0319	0.0208	0.0000055	21.9	0.0000183	0.000682	0.000292	0.0012
2087 Sep	166	0.0717	0.14	0.0039	28.3	0.0388	30.4	0.00148	0.00101	0.00000539	0.00596	0.00181	0.032	0.0208	0.00000551	21.9	0.0000183	0.000683	0.000292	0.0012
2087 Oct	166	0.0717	0.14	0.0039	28.3	0.0388	30.4	0.00148	0.00101	0.00000538	0.00596	0.00181	0.032	0.0208	0.0000055	21.9	0.0000183	0.000682	0.000292	0.0012
2087 Nov	167	0.0717	0.14	0.0039	28.3	0.0388	30.4	0.00148	0.00101	0.00000538	0.00596	0.00181	0.032	0.0208	0.0000055	21.9	0.0000183	0.000682	0.000292	0.0012
2087 Dec	167	0.0717	0.14	0.0039	28.3	0.0388	30.4	0.00148	0.00101	0.00000538	0.00596	0.00181	0.032	0.0208	0.0000055	21.9	0.0000183	0.000682	0.000292	0.0012
2088 Jan	167	0.0718	0.14	0.0039	28.3	0.0388	30.4	0.00148	0.00101	0.00000538	0.00596	0.00181	0.032	0.0208	0.0000055	21.9	0.0000183	0.000682	0.000292	0.0012
2088 Feb	167	0.0718	0.14	0.0039	28.3	0.0388	30.4	0.00148	0.00101	0.00000538	0.00596	0.00181	0.032	0.0208	0.0000055	21.9	0.0000183	0.000682	0.000292	0.0012
2088 Mar	167	0.0718	0.14	0.0039	28.3	0.0388	30.4	0.00148	0.00101	0.00000538	0.00596	0.00181	0.032	0.0208	0.0000055	21.9	0.0000183	0.000682	0.000292	0.0012
2088 Apr	167	0.0718	0.14	0.00391	28.3	0.0389	30.5	0.00148	0.00101	0.00000539	0.00597	0.00181	0.032	0.0208	0.00000551	21.9	0.0000184	0.000683	0.000292	0.0012
2088 May	167	0.072	0.14	0.00391	28.3	0.0389	30.5	0.00149	0.00101	0.0000054	0.00598	0.00182	0.0321	0.0208	0.00000552	22	0.0000184	0.000684	0.000293	0.0012
2088 Jun	167	0.0717	0.14	0.00391	28.3	0.0389	30.6	0.00149	0.00102	0.00000541	0.006	0.00182	0.0321	0.0208	0.00000553	22	0.0000185	0.000685	0.000293	0.00121
2088 Jul	168	0.072	0.141	0.00393	28.4	0.0391	30.7	0.0015	0.00102	0.00000544	0.00604	0.00183	0.0323	0.0209	0.00000556	22.1	0.0000186	0.000688	0.000294	0.00121
2088 Aug	169	0.0724	0.141	0.00396	28.5	0.0394	31	0.00151	0.00103	0.00000547	0.00607	0.00184	0.0325	0.021	0.00000559	22.2	0.0000187	0.000692	0.000296	0.00122
2088 Sep	170	0.0725	0.142	0.00397	28.6	0.0394	31.1	0.00151	0.00103	0.00000547	0.00608	0.00184	0.0325	0.0211	0.0000056	22.2	0.0000187	0.000693	0.000296	0.00122
2088 Oct	170	0.0724	0.142	0.00396	28.5	0.0393	31.1	0.0015	0.00103	0.00000546	0.00607	0.00184	0.0324	0.021	0.00000558	22.2	0.0000187	0.000691	0.000295	0.00122

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	170	0.0724	0.142	0.00396	28.5	0.0393	31.1	0.0015	0.00103	0.00000546	0.00607	0.00183	0.0324	0.021	0.00000558	22.2	0.0000187	0.000691	0.000295	0.00122
2088 Dec	170	0.0724	0.142	0.00396	28.5	0.0393	31.1	0.0015	0.00103	0.00000546	0.00607	0.00183	0.0324	0.021	0.00000558	22.2	0.0000187	0.000691	0.000295	0.00122
2089 Jan	170	0.0724	0.142	0.00396	28.5	0.0393	31.1	0.0015	0.00103	0.00000546	0.00607	0.00183	0.0324	0.021	0.00000558	22.2	0.0000187	0.000691	0.000295	0.00122
2089 Feb	170	0.0725	0.142	0.00396	28.5	0.0393	31.1	0.0015	0.00103	0.00000546	0.00607	0.00183	0.0324	0.021	0.00000558	22.2	0.0000187	0.000691	0.000295	0.00122
2089 Mar	170	0.0725	0.142	0.00396	28.5	0.0393	31.1	0.0015	0.00103	0.00000546	0.00607	0.00184	0.0324	0.021	0.00000558	22.2	0.0000187	0.000691	0.000295	0.00122
2089 Apr	170	0.0725	0.142	0.00397	28.6	0.0394	31.1	0.0015	0.00103	0.00000546	0.00607	0.00184	0.0325	0.021	0.00000558	22.2	0.0000187	0.000691	0.000295	0.00122
2089 May	170	0.0727	0.141	0.00396	28.6	0.0394	31	0.00151	0.00103	0.00000548	0.00611	0.00184	0.0325	0.0212	0.00000561	22.3	0.0000188	0.000692	0.000298	0.00122
2089 Jun	168	0.0731	0.139	0.00391	28.5	0.0395	30.7	0.00151	0.00104	0.00000555	0.00624	0.00186	0.0323	0.0218	0.00000567	22.8	0.0000192	0.000695	0.000306	0.00123
2089 Jul	170	0.0734	0.14	0.00393	28.6	0.0397	30.9	0.00152	0.00105	0.00000557	0.00626	0.00187	0.0324	0.0219	0.00000569	22.8	0.0000193	0.000697	0.000307	0.00124
2089 Aug	171	0.0737	0.14	0.00395	28.7	0.0398	31	0.00152	0.00105	0.00000559	0.00629	0.00188	0.0325	0.022	0.00000571	22.9	0.0000193	0.000699	0.000308	0.00124
2089 Sep	171	0.0738	0.141	0.00396	28.7	0.0399	31.1	0.00153	0.00105	0.00000559	0.00629	0.00188	0.0326	0.022	0.00000571	22.9	0.0000193	0.000699	0.000309	0.00124
2089 Oct	171	0.0738	0.14	0.00395	28.7	0.0398	31.1	0.00152	0.00105	0.00000558	0.00629	0.00187	0.0325	0.0219	0.0000057	22.9	0.0000193	0.000697	0.000308	0.00124
2089 Nov	171	0.0738	0.14	0.00395	28.7	0.0398	31.1	0.00152	0.00105	0.00000558	0.0063	0.00187	0.0325	0.022	0.00000571	22.9	0.0000193	0.000697	0.000308	0.00124
2089 Dec	171	0.0738	0.14	0.00395	28.7	0.0398	31.1	0.00152	0.00105	0.00000558	0.0063	0.00187	0.0325	0.022	0.00000571	22.9	0.0000193	0.000697	0.000308	0.00124
2090 Jan	171	0.0738	0.14	0.00395	28.7	0.0398	31.1	0.00152	0.00105	0.00000558	0.0063	0.00187	0.0325	0.022	0.00000571	22.9	0.0000193	0.000697	0.000308	0.00124
2090 Feb	171	0.0738	0.14	0.00395	28.7	0.0398	31.1	0.00152	0.00105	0.00000558	0.0063	0.00187	0.0325	0.022	0.00000571	22.9	0.0000193	0.000697	0.000308	0.00124
2090 Mar	171	0.0739	0.14	0.00395	28.7	0.0398	31.1	0.00152	0.00105	0.00000558	0.0063	0.00187	0.0325	0.022	0.00000571	22.9	0.0000193	0.000697	0.000309	0.00124
2090 Apr	171	0.0739	0.14	0.00395	28.7	0.0398	31.1	0.00152	0.00105	0.00000559	0.0063	0.00188	0.0325	0.022	0.00000571	22.9	0.0000193	0.000697	0.000309	0.00124
2090 May	171	0.074	0.14	0.00396	28.7	0.0399	31.1	0.00152	0.00105	0.00000559	0.00631	0.00188	0.0325	0.022	0.00000572	23	0.0000194	0.000698	0.000309	0.00125
2090 Jun	162	0.0746	0.132	0.00377	28.1	0.0399	29.6	0.00153	0.00108	0.0000057	0.00657	0.00192	0.0317	0.0235	0.00000582	23.9	0.00002	0.0007	0.000329	0.00127
2090 Jul	162	0.0748	0.132	0.00378	28.2	0.0401	29.8	0.00154	0.00108	0.00000571	0.00659	0.00193	0.0319	0.0235	0.00000584	24	0.00002	0.000705	0.00033	0.00127
2090 Aug	163	0.0746	0.132	0.00379	28.1	0.0401	29.9	0.00154	0.00108	0.00000571	0.00657	0.00193	0.032	0.0234	0.00000583	23.9	0.00002	0.000705	0.000329	0.00127
2090 Sep	162	0.0744	0.132	0.00379	28	0.0403	30	0.00154	0.00108	0.00000569	0.00655	0.00193	0.0322	0.0232	0.00000582	23.8	0.0000199	0.000709	0.000325	0.00127
2090 Oct	160	0.0741	0.133	0.0038	27.8	0.0406	30.2	0.00154	0.00107	0.00000566	0.0065	0.00192	0.0326	0.0228	0.00000579	23.5	0.0000196	0.000714	0.000317	0.00126
2090 Nov	160	0.0741	0.133	0.0038	27.7	0.0407	30.4	0.00154	0.00106	0.00000563	0.00647	0.00192	0.0327	0.0225	0.00000577	23.4	0.0000195	0.000717	0.000313	0.00126
2090 Dec	160	0.0741	0.133	0.0038	27.7	0.0407	30.4	0.00154	0.00106	0.00000563	0.00647	0.00192	0.0328	0.0225	0.00000577	23.4	0.0000195	0.000717	0.000313	0.00126
2091 Jan	160	0.0741	0.133	0.0038	27.7	0.0407	30.4	0.00155	0.00106	0.00000563	0.00646	0.00192	0.0328	0.0225	0.00000577	23.4	0.0000195	0.000717	0.000313	0.00126
2091 Feb	160	0.0741	0.133	0.0038	27.7	0.0407	30.4	0.00155	0.00106	0.00000563	0.00646	0.00192	0.0328	0.0225	0.00000577	23.4	0.0000195	0.000717	0.000313	0.00126
2091 Mar	160	0.0741	0.133	0.0038	27.7	0.0407	30.4	0.00155	0.00106	0.00000563	0.00647	0.00192	0.0328	0.0225	0.00000577	23.4	0.0000195	0.000717	0.000313	0.00126
2091 Apr	160	0.0741	0.133	0.00381	27.8	0.0407	30.4	0.00155	0.00106	0.00000564	0.00647	0.00192	0.0328	0.0226	0.00000577	23.4	0.0000195	0.000717	0.000314	0.00126
2091 May	160	0.0743	0.133	0.00381	27.8	0.0408	30.5	0.00155	0.00107	0.00000564	0.00647	0.00193	0.0329	0.0226	0.00000578	23.4	0.0000195	0.000719	0.000314	0.00126
2091 Jun	158	0.0741	0.134	0.00383	27.6	0.0409	31	0.00155	0.00105	0.00000555	0.00634	0.00194	0.0335	0.0222	0.0000057	23.3	0.0000192	0.000734	0.00031	0.00125
2091 Jul	159	0.0745	0.135	0.00386	27.8	0.0411	31.2	0.00156	0.00105	0.00000558	0.00637	0.00195	0.0337	0.0223	0.00000572	23.4	0.0000193	0.000739	0.000311	0.00126
2091 Aug	160	0.0746	0.136	0.00387	27.8	0.0412	31.4	0.00156	0.00105	0.00000558	0.00637	0.00195	0.0338	0.0223	0.00000572	23.4	0.0000193	0.000739	0.000311	0.00126
2091 Sep	161	0.0747	0.136	0.00387	27.8	0.0412	31.4	0.00156	0.00105	0.00000558	0.00637	0.00195	0.0338	0.0223	0.00000572	23.4	0.0000193	0.000739	0.000311	0.00126
2091 Oct	161	0.0746	0.136	0.00388	27.8	0.0412	31.6	0.00156	0.00105	0.00000556	0.00635	0.00195	0.0339	0.0222	0.00000571	23.4	0.0000192	0.00074	0.000309	0.00126
2091 Nov	161	0.0746	0.137	0.00389	27.7	0.0414	31.7	0.00156	0.00104	0.00000554	0.00632	0.00195	0.0341	0.022	0.00000569	23.3	0.0000191	0.000744	0.000306	0.00126
2091 Dec	161	0.0746	0.137	0.00389	27.7	0.0414	31.7	0.00156	0.00104	0.00000554	0.00632	0.00195	0.0341	0.022	0.00000569	23.3	0.0000191	0.000744	0.000306	0.00126
2092 Jan	161	0.0746	0.137	0.00389	27.7	0.0414	31.7	0.00156	0.00104	0.00000554	0.00632	0.00195	0.0341	0.022	0.00000569	23.3	0.0000191	0.000744	0.000306	0.00126
2092 Feb	161	0.0746	0.137	0.00389	27.7	0.0414	31.7	0.00156	0.00104	0.00000554	0.00632	0.00195	0.0341	0.022	0.00000569	23.3	0.0000191	0.000744	0.000306	0.00126
2092 Mar	161	0.0746	0.137	0.00389	27.8	0.0414	31.7	0.00156	0.00104	0.00000554	0.00632	0.00195	0.0341	0.022	0.0000057	23.3	0.0000191	0.000744	0.000306	0.00126
2092 Apr	161	0.0747	0.137	0.00389	27.8	0.0414	31.7	0.00156	0.00104	0.00000555	0.00633	0.00195	0.0342	0.022	0.0000057	23.3	0.0000191	0.000745	0.000306	0.00126
2092 May	161	0.0748	0.137	0.0039	27.8	0.0415	31.8	0.00156	0.00104	0.00000555	0.00633	0.00195	0.0343	0.0221	0.0000057	23.3	0.0000191	0.000747	0.000307	0.00126
2092 Jun	160	0.0737	0.139	0.00394	27.5	0.0413	32.8	0.00156	0.00101	0.0000054	0.00611	0.00197	0.0353	0.0216	0.00000557	23.2	0.0000187	0.000774	0.000303	0.00125
2092 Jul	161	0.0735	0.141	0.00398	27.6	0.0413	33.2	0.00156	0.00101	0.00000538	0.00606	0.00198	0.0357	0.0214	0.00000555	23.1	0.0000186	0.000781	0.000301	0.00125
2092 Aug	162	0.0738	0.141	0.004	27.7	0.0415	33.4	0.00157	0.00101	0.0000054	0.00608	0.00199	0.0359	0.0215	0.00000557	23.2	0.0000187	0.000784	0.000302	0.00125
2092 Sep	163	0.0739	0.142	0.00401	27.7	0.0415	33.5	0.00157	0.00101	0.0000054	0.00609	0.00199	0.0359	0.0215	0.00000557	23.2	0.0000187	0.000784	0.000302	0.00125
2092 Oct	163	0.0739	0.142	0.00401	27.7	0.0415	33.5	0.00157	0.00101	0.0000054	0.00608	0.00199	0.0359	0.0215	0.00000557	23.2	0.0000187	0.000784	0.000302	0.00125
2092 Nov	163	0.0739	0.142	0.00401	27.7	0.0415	33.5	0.00157	0.00101	0.0000054	0.00609	0.00198	0.0359	0.0215	0.00000557	23.2	0.0000187	0.000784	0.000302	0.00125
2092 Dec	163	0.0739	0.142	0.00401	27.7	0.0415	33.5	0.00157	0.00101	0.0000054	0.00609	0.00199	0.0359	0.0215	0.00000557	23.2	0.0000187	0.000784	0.000302	0.00125
2093 Jan	163	0.0739	0.142	0.00401	27.7	0.0415	33.5	0.00157	0.00101	0.0000054	0.00609	0.00199	0.0359	0.0215	0.00000557	23.2	0.0000187	0.000784	0.000302	0.00125
2093 Feb	163	0.0739	0.142	0.00401	27.7	0.0415	33.5	0.00157	0.00101	0.0000054	0.00609	0.00199	0.0359	0.0215	0.00000557	23.2	0.0000187	0.000784	0.000302	0.00125
2093 Mar	163	0.0739	0.142	0.00401	27.7	0.0415	33.5	0.00157	0.00101	0.0000054	0.00609	0.00199	0.0359	0.0215	0.00000557	23.2	0.0000187	0.000784	0.000302	0.00125
2093 Apr	163	0.074	0.142	0.00401	27.8	0.0415	33.6	0.00157	0.00101	0.0000054	0.00609	0.00199	0.0359	0.0215	0.00000557	23.2	0.0000187	0.000785	0.000303	0.00126
2093 May	164	0.0741	0.142	0.00402	27.8	0.0416	33.6	0.00157	0.00101	0.00000541	0.0061	0.00199	0.036	0.0216	0.00000558	23.3	0.0000188	0.000786	0.000303	0.00126
2093 Jun	165	0.0737	0.144	0.00405	27.8	0.0415	34.2	0.00158	0.00101	0.00000538	0.00605	0.00201	0.0365	0.0216	0.00000556	23.4	0.0000188	0.000801	0.000306	0.00126
2093 Jul	166	0.0739	0.145	0.00408	27.9	0.0417	34.4	0.00159	0.00101	0.0000054	0.00607	0.00202	0.0368	0.0217	0.00000558	23.5	0.0000189	0.000806	0.000308	0.00127
2093 Aug	167	0.0742	0.145	0.0041	28.1	0.0418	34.6	0.00159	0.00101	0.00000541	0.00609	0.00203	0.0369	0.0218	0.00000559	23.6	0.000019	0.000809	0.000309	0.00127
2093 Sep	168	0.0743	0.146	0.00411	28.1	0.0418	34.7	0.00159	0.00101	0.00000542	0.00609	0.00203	0.0369	0.0218	0.0000056	23.6	0.000019	0.000809	0.000309	0.00127
2093 Oct	168	0.0742	0.145	0.00411	28	0.0418	34.7	0.00159	0.00101	0.0000054	0.00608	0.00202	0.0369	0.0217	0.00000558	23.5	0.0000189	0.000807	0.000307	0.00127
2093 Nov	168	0.0743	0.146	0.00411	28	0.0418	34.8	0.00159	0.00101	0.0000054	0.00608	0.00202	0.037	0.0217	0.00000558	23.5	0.0000189	0.000808	0.000307	0.00127
2093 Dec	168	0.0743	0.146	0.00411	28	0.0418	34.8	0.00159	0.00101	0.0000054	0.00608	0.00202	0.037	0.0217	0.00000558	23.5	0.0000189	0.000808	0.000307	0.00127
2094 Jan	168	0.0743	0.146	0.00411	28	0.0418	34.8	0.00159	0.00101	0.0000054	0.00608	0.00202	0.037	0.0217	0.00000558	23.5	0.0000189	0.000808	0.000307	0.00127
2094 Feb	168	0.0743	0.146	0.00411	28	0.0418	34.8	0.00159	0.00101	0.0000054	0.00608	0.00202	0.037	0.0217	0.00000558	23.5	0.0000189	0.000808	0.000307	0.00127
2094 Mar	168	0.0743	0.146	0.00411	28	0.0418	34.8	0.00159	0.00101	0.0000054	0.00608	0.00202	0.037	0.0217	0.00000558	23.5	0.0000189	0.000808	0.000307	0.00127
2094 Apr	168	0.0744	0.146	0.00411	28	0.0418	34.8	0.00159	0.00101	0.0000054	0.00608	0.00202	0.037	0.0217	0.00000558	23.5	0.0000189	0.000809	0.000307	0.00127
2094 May	167	0.0746	0.146	0.00411	28	0.0419	34.9	0.00159	0.00101	0.0000054	0.00609	0.00203	0.0371	0.0217	0.00000558	23.6	0.000019	0.000813	0.000308	0.00127
2094 Jun	167	0.0751	0.146	0.00412	28	0.0421	35.2	0.0016	0.00101	0.0000054	0.00611	0.00206	0.0375	0.022	0.00000559	23.9	0.0000191	0.000826	0.000312	0.00128
2094 Jul	168	0.0756	0.147	0.00415	28.2	0.0424	35.4	0.00161	0.00101	0.00000543	0.00614	0.00207	0.0378	0.0221	0.00000562	24	0.0000192	0.000831	0.000314	0.00129
2094 Aug	169	0.0761	0.148	0.00418	28.4	0.0426	35.7	0.00162	0.00102	0.00000547	0.00618	0.00208	0.038	0.0222	0.00000565	24.1	0.0000193	0.000836	0.000316	0.0013
2094 Sep	170	0.0762	0.148	0.00418	28.4	0.0426	35.8	0.00162	0.00102	0.00000547	0.00618	0.00208	0.038	0.0222	0.00000566	24.2	0.0000193	0.000836	0.000316	0.0013
2094 Oct	171	0.0761	0.148	0.00418	28.4	0.0426	35.8	0.00162	0.00102	0.00000545	0.00617	0.00208	0.0379	0.0222	0.00000564	24.1	0.0000193	0.000833	0.000315	0.0013
2094 Nov	171	0.076	0.148	0.00418	28.3	0.0425	35.7	0.00161	0.00102	0.00000544	0.00616	0.00207	0.0379	0.0221	0.00000563	24	0.0000192	0.000831	0.000314	0.00129
2094 Dec	171	0.076	0.148	0.00417	28.3	0.0425	35.7	0.00161	0.00102	0.00000544	0.00615	0.00207	0.0378	0.0221	0.00000563	24	0.0000192	0.00083	0.000314	0.00129
2095 Jan	171	0.076	0.148	0.00417	28.3	0.0425	35.7	0.00161	0.00102	0.00000544	0.00615	0.00207	0.0378	0.0221	0.00000563	24	0.0000192	0.00083	0.000314	0.00129
2095 Feb	171	0.076	0.148	0.00417	28.3	0.0425	35.7	0.00161	0.00102	0.00000544	0.00615	0.00207	0.0378	0.0221	0.00000563	24	0.0000192	0.00083	0.000314	0.00129
2095 Mar	171	0.076	0.148	0.00418	28.3	0.0425	35.7	0.00161	0.00102	0.00000544	0.00616	0.00207	0.0378	0.0221	0.00000563	24	0.0000192	0.00083	0.000314	0.00129

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	171	0.0761	0.148	0.00418	28.3	0.0425	35.8	0.00161	0.00102	0.00000544	0.00616	0.00207	0.0379	0.0221	0.00000563	24.1	0.0000193	0.000831	0.000314	0.00129
2095 May	171	0.0763	0.148	0.00418	28.4	0.0426	35.8	0.00162	0.00102	0.00000545	0.00618	0.00208	0.0379	0.0222	0.00000564	24.1	0.0000193	0.000833	0.000316	0.0013
2095 Jun	172	0.0771	0.148	0.00419	28.5	0.0428	36	0.00163	0.00102	0.00000548	0.00622	0.00209	0.0381	0.0224	0.00000567	24.3	0.0000194	0.000838	0.000319	0.0013
2095 Jul	173	0.0776	0.149	0.00422	28.7	0.0431	36.2	0.00163	0.00103	0.00000551	0.00626	0.0021	0.0383	0.0226	0.0000057	24.5	0.0000195	0.000843	0.000321	0.00131
2095 Aug	174	0.0777	0.15	0.00423	28.7	0.0431	36.4	0.00163	0.00103	0.00000551	0.00626	0.0021	0.0384	0.0226	0.0000057	24.5	0.0000196	0.000843	0.000321	0.00131
2095 Sep	175	0.0778	0.15	0.00424	28.8	0.0431	36.5	0.00163	0.00103	0.00000551	0.00626	0.0021	0.0384	0.0226	0.0000057	24.5	0.0000196	0.000843	0.000321	0.00131
2095 Oct	175	0.0778	0.15	0.00425	28.8	0.0432	36.5	0.00163	0.00103	0.00000551	0.00626	0.0021	0.0384	0.0226	0.0000057	24.5	0.0000196	0.000843	0.000321	0.00131
2095 Nov	175	0.0778	0.15	0.00424	28.7	0.0431	36.5	0.00163	0.00103	0.00000551	0.00626	0.0021	0.0384	0.0225	0.0000057	24.5	0.0000196	0.000842	0.000321	0.00131
2095 Dec	175	0.0778	0.15	0.00424	28.7	0.0431	36.5	0.00163	0.00103	0.0000055	0.00626	0.0021	0.0384	0.0225	0.0000057	24.5	0.0000196	0.000842	0.000321	0.00131
2096 Jan	175	0.0778	0.15	0.00424	28.7	0.0431	36.5	0.00163	0.00103	0.00000551	0.00626	0.0021	0.0384	0.0225	0.0000057	24.5	0.0000196	0.000842	0.000321	0.00131
2096 Feb	175	0.0778	0.15	0.00424	28.7	0.0431	36.5	0.00163	0.00103	0.00000551	0.00626	0.0021	0.0384	0.0225	0.0000057	24.5	0.0000196	0.000842	0.000321	0.00131
2096 Mar	175	0.0778	0.15	0.00424	28.7	0.0431	36.5	0.00163	0.00103	0.00000551	0.00626	0.0021	0.0384	0.0225	0.0000057	24.5	0.0000196	0.000842	0.000321	0.00131
2096 Apr	175	0.0778	0.15	0.00425	28.8	0.0431	36.6	0.00163	0.00103	0.00000551	0.00626	0.0021	0.0384	0.0226	0.0000057	24.5	0.0000196	0.000842	0.000321	0.00131
2096 May	175	0.078	0.15	0.00425	28.8	0.0432	36.6	0.00164	0.00103	0.00000552	0.00627	0.00211	0.0384	0.0226	0.00000571	24.6	0.0000196	0.000843	0.000322	0.00132
2096 Jun	170	0.0783	0.145	0.00415	28.4	0.0433	35.8	0.00165	0.00105	0.0000056	0.00647	0.00213	0.0382	0.0232	0.00000579	25	0.0000201	0.000847	0.00033	0.00133
2096 Jul	169	0.0783	0.145	0.00415	28.3	0.0435	35.9	0.00166	0.00105	0.00000562	0.00652	0.00214	0.0384	0.0233	0.00000582	25.1	0.0000203	0.000853	0.00033	0.00133
2096 Aug	171	0.0787	0.146	0.00418	28.5	0.0437	36.1	0.00167	0.00106	0.00000565	0.00655	0.00215	0.0386	0.0234	0.00000585	25.2	0.0000204	0.000857	0.000332	0.00134
2096 Sep	171	0.0788	0.146	0.00418	28.5	0.0437	36.2	0.00166	0.00106	0.00000564	0.00655	0.00215	0.0386	0.0234	0.00000584	25.2	0.0000204	0.000857	0.000332	0.00134
2096 Oct	171	0.0787	0.146	0.00418	28.4	0.0436	36.2	0.00166	0.00105	0.00000563	0.00653	0.00214	0.0385	0.0233	0.00000582	25.1	0.0000203	0.000853	0.00033	0.00134
2096 Nov	172	0.0787	0.146	0.00418	28.4	0.0436	36.2	0.00166	0.00105	0.00000563	0.00653	0.00214	0.0385	0.0233	0.00000582	25.1	0.0000203	0.000853	0.00033	0.00134
2096 Dec	172	0.0787	0.146	0.00418	28.4	0.0436	36.2	0.00166	0.00105	0.00000563	0.00653	0.00214	0.0385	0.0233	0.00000582	25.1	0.0000203	0.000853	0.00033	0.00134
2097 Jan	172	0.0787	0.146	0.00418	28.4	0.0436	36.2	0.00166	0.00105	0.00000563	0.00653	0.00214	0.0385	0.0233	0.00000582	25.1	0.0000203	0.000853	0.00033	0.00134
2097 Feb	172	0.0787	0.146	0.00418	28.4	0.0436	36.2	0.00166	0.00105	0.00000563	0.00653	0.00214	0.0385	0.0233	0.00000582	25.1	0.0000203	0.000853	0.00033	0.00134
2097 Mar	172	0.0787	0.146	0.00418	28.4	0.0436	36.2	0.00166	0.00105	0.00000563	0.00654	0.00214	0.0385	0.0233	0.00000582	25.1	0.0000203	0.000853	0.00033	0.00134
2097 Apr	172	0.0788	0.146	0.00418	28.5	0.0437	36.2	0.00166	0.00105	0.00000563	0.00654	0.00214	0.0386	0.0233	0.00000583	25.1	0.0000204	0.000854	0.00033	0.00134
2097 May	172	0.0789	0.146	0.00419	28.5	0.0437	36.3	0.00166	0.00106	0.00000564	0.00655	0.00215	0.0386	0.0234	0.00000584	25.2	0.0000204	0.000856	0.000331	0.00134
2097 Jun	171	0.0792	0.145	0.00418	28.4	0.0439	36.3	0.00167	0.00106	0.00000566	0.0066	0.00216	0.0388	0.0235	0.00000586	25.2	0.0000205	0.000861	0.000332	0.00134
2097 Jul	172	0.0797	0.146	0.0042	28.6	0.0442	36.5	0.00168	0.00107	0.00000569	0.00664	0.00217	0.039	0.0236	0.00000589	25.4	0.0000206	0.000866	0.000333	0.00135
2097 Aug	173	0.08	0.147	0.00422	28.7	0.0443	36.7	0.00168	0.00107	0.00000571	0.00666	0.00218	0.0392	0.0237	0.00000591	25.5	0.0000207	0.000869	0.000334	0.00136
2097 Sep	174	0.0801	0.147	0.00423	28.7	0.0444	36.8	0.00169	0.00107	0.00000571	0.00667	0.00218	0.0393	0.0237	0.00000592	25.5	0.0000208	0.00087	0.000335	0.00136
2097 Oct	174	0.0801	0.147	0.00424	28.7	0.0444	36.9	0.00169	0.00107	0.00000571	0.00667	0.00218	0.0392	0.0237	0.00000591	25.5	0.0000207	0.000869	0.000335	0.00136
2097 Nov	174	0.0801	0.147	0.00424	28.7	0.0444	36.9	0.00168	0.00107	0.00000571	0.00666	0.00218	0.0392	0.0236	0.00000591	25.5	0.0000207	0.000869	0.000334	0.00136
2097 Dec	174	0.0801	0.147	0.00423	28.7	0.0444	36.9	0.00168	0.00107	0.0000057	0.00666	0.00218	0.0392	0.0236	0.00000591	25.5	0.0000207	0.000869	0.000334	0.00136
2098 Jan	174	0.0801	0.147	0.00423	28.7	0.0444	36.9	0.00168	0.00107	0.0000057	0.00666	0.00218	0.0392	0.0236	0.00000591	25.5	0.0000207	0.000869	0.000334	0.00136
2098 Feb	174	0.0801	0.147	0.00423	28.7	0.0444	36.9	0.00168	0.00107	0.0000057	0.00666	0.00218	0.0392	0.0236	0.00000591	25.5	0.0000207	0.000869	0.000334	0.00136
2098 Mar	174	0.0801	0.147	0.00424	28.7	0.0444	36.9	0.00168	0.00107	0.0000057	0.00666	0.00218	0.0392	0.0236	0.00000591	25.5	0.0000207	0.000869	0.000334	0.00136
2098 Apr	174	0.0801	0.147	0.00424	28.7	0.0444	36.9	0.00168	0.00107	0.00000571	0.00666	0.00218	0.0392	0.0237	0.00000591	25.5	0.0000207	0.000869	0.000335	0.00136
2098 May	174	0.0804	0.147	0.00423	28.7	0.0444	36.8	0.00169	0.00107	0.00000572	0.00669	0.00219	0.0392	0.0239	0.00000592	25.6	0.0000208	0.00087	0.000338	0.00136
2098 Jun	169	0.0805	0.143	0.00413	28.5	0.044	36.2	0.00168	0.00107	0.00000572	0.00674	0.00221	0.0388	0.0247	0.00000592	26.2	0.0000211	0.000876	0.000352	0.00137
2098 Jul	170	0.0809	0.144	0.00415	28.6	0.0442	36.5	0.00169	0.00108	0.00000575	0.00677	0.00222	0.0391	0.0248	0.00000595	26.4	0.0000212	0.000882	0.000354	0.00138
2098 Aug	171	0.0811	0.144	0.00417	28.7	0.0443	36.7	0.0017	0.00108	0.00000576	0.00678	0.00223	0.0392	0.0249	0.00000596	26.4	0.0000212	0.000883	0.000354	0.00138
2098 Sep	172	0.081	0.144	0.00417	28.7	0.0442	36.7	0.00169	0.00108	0.00000574	0.00677	0.00222	0.0391	0.0248	0.00000595	26.3	0.0000212	0.00088	0.000353	0.00138
2098 Oct	171	0.081	0.144	0.00417	28.6	0.0443	36.8	0.00169	0.00107	0.00000572	0.00675	0.00222	0.0392	0.0247	0.00000593	26.3	0.0000211	0.000883	0.000351	0.00137
2098 Nov	171	0.0811	0.144	0.00417	28.5	0.0444	36.8	0.00169	0.00107	0.00000571	0.00674	0.00222	0.0394	0.0246	0.00000592	26.2	0.000021	0.000886	0.00035	0.00137
2098 Dec	171	0.0811	0.144	0.00417	28.5	0.0444	36.8	0.00169	0.00107	0.00000571	0.00674	0.00222	0.0394	0.0246	0.00000592	26.2	0.000021	0.000886	0.00035	0.00137
2099 Jan	171	0.0811	0.144	0.00417	28.5	0.0444	36.8	0.00169	0.00107	0.00000571	0.00674	0.00222	0.0394	0.0246	0.00000592	26.2	0.000021	0.000886	0.00035	0.00137
2099 Feb	171	0.0811	0.144	0.00417	28.5	0.0444	36.8	0.00169	0.00107	0.00000571	0.00674	0.00222	0.0394	0.0246	0.00000592	26.2	0.000021	0.000886	0.00035	0.00137
2099 Mar	171	0.0811	0.144	0.00417	28.5	0.0444	36.8	0.00169	0.00107	0.00000571	0.00674	0.00222	0.0394	0.0246	0.00000592	26.2	0.000021	0.000886	0.00035	0.00137
2099 Apr	171	0.0812	0.144	0.00417	28.5	0.0444	36.9	0.00169	0.00107	0.00000572	0.00675	0.00222	0.0394	0.0246	0.00000593	26.3	0.0000211	0.000887	0.00035	0.00138
2099 May	170	0.0812	0.144	0.00417	28.4	0.0445	37.1	0.00169	0.00106	0.00000567	0.00669	0.00223	0.0397	0.0246	0.00000589	26.3	0.0000209	0.000896	0.00035	0.00137
2099 Jun	170	0.0811	0.145	0.00419	28.4	0.0445	37.5	0.0017	0.00105	0.00000562	0.00662	0.00224	0.0402	0.0244	0.00000584	26.3	0.0000208	0.000907	0.00035	0.00137
2099 Jul	171	0.0815	0.146	0.00421	28.5	0.0447	37.7	0.0017	0.00106	0.00000565	0.00665	0.00225	0.0404	0.0245	0.00000587	26.4	0.0000209	0.000911	0.000351	0.00138
2099 Aug	172	0.0819	0.147	0.00424	28.7	0.0449	38	0.00171	0.00106	0.00000567	0.00667	0.00226	0.0406	0.0247	0.00000589	26.5	0.000021	0.000915	0.000353	0.00139
2099 Sep	173	0.0819	0.147	0.00424	28.7	0.0449	38	0.00171	0.00106	0.00000566	0.00667	0.00226	0.0405	0.0246	0.00000589	26.5	0.0000209	0.000914	0.000352	0.00139
2099 Oct	173	0.0818	0.147	0.00424	28.6	0.0448	38	0.00171	0.00106	0.00000565	0.00666	0.00226	0.0405	0.0246	0.00000587	26.4	0.0000209	0.000912	0.000352	0.00138
2099 Nov	173	0.0818	0.147	0.00424	28.6	0.0448	38	0.0017	0.00106	0.00000565	0.00665	0.00226	0.0405	0.0245	0.00000587	26.4	0.0000209	0.000911	0.000351	0.00138
2099 Dec	173	0.0818	0.147	0.00424	28.6	0.0448	38.1	0.0017	0.00106	0.00000565	0.00665	0.00226	0.0405	0.0245	0.00000587	26.4	0.0000209	0.000911	0.000351	0.00138
2100 Jan	173	0.0818	0.147	0.00424	28.6	0.0448	38.1	0.0017	0.00106	0.00000565	0.00665	0.00226	0.0405	0.0245	0.00000587	26.4	0.0000209	0.000911	0.000351	0.00138
2100 Feb	173	0.0818	0.147	0.00424	28.6	0.0448	38.1	0.0017	0.00106	0.00000565	0.00665	0.00226	0.0405	0.0245	0.00000587	26.4	0.0000209	0.000911	0.000351	0.00138
2100 Mar	173	0.0818	0.147	0.00424	28.6	0.0448	38.1	0.0017	0.00106	0.00000565	0.00665	0.00226	0.0405	0.0245	0.00000587	26.4	0.0000209	0.000911	0.000351	0.00138
2100 Apr	173	0.0819	0.147	0.00424	28.6	0.0448	38.1	0.0017	0.00106	0.00000565	0.00666	0.00226	0.0405	0.0246	0.00000587	26.4	0.0000209	0.000912	0.000351	0.00138
2100 May	173	0.082	0.147	0.00425	28.7	0.0449	38.2	0.00171	0.00106	0.00000566	0.00666	0.00226	0.0406	0.0246	0.00000588	26.5	0.0000209	0.000915	0.000352	0.00139
2100 Jun	172	0.0815	0.147	0.00426	28.5	0.0449	38.7	0.00171	0.00104	0.00000558	0.00655	0.00229	0.0414	0.0245	0.00000581	26.5	0.0000207	0.000936	0.000353	0.00139
2100 Jul	173	0.0815	0.148	0.00429	28.5	0.045	39	0.00172	0.00104	0.00000558	0.00654	0.00229	0.0417	0.0245	0.00000581	26.6	0.0000207	0.000941	0.000353	0.00139
2100 Aug	174	0.0816	0.149	0.0043	28.6	0.045	39.2	0.00172	0.00104	0.00000558	0.00654	0.00229	0.0417	0.0245	0.00000581	26.6	0.0000208	0.000941	0.000353	0.00139
2100 Sep	175	0.0817	0.149	0.00431	28.6	0.045	39.3	0.00172	0.00104	0.00000558	0.00654	0.00229	0.0417	0.0245	0.00000581	26.6	0.0000208	0.000941	0.000353	0.00139
2100 Oct	175	0.0817	0.149	0.00431	28.6	0.0451	39.3	0.00172	0.00104	0.00000558	0.00654	0.00229	0.0417	0.0245	0.00000581	26.6	0.0000208	0.000942	0.000353	0.00139
2100 Nov	175	0.0817	0.149	0.00431	28.6	0.0451	39.3	0.00172	0.00104	0.00000558	0.00654	0.00229	0.0418	0.0245	0.00000581	26.6	0.0000208	0.000942	0.000353	0.00139
2100 Dec	175	0.0818	0.149	0.00432	28.6	0.0451	39.3	0.00172	0.00104	0.00000558	0.00654	0.0023	0.0418	0.0245	0.00000581	26.6	0.0000208	0.000942	0.000353	0.00139
2101 Jan	175	0.0818	0.149	0.00432	28.6	0.0451	39.3	0.00172	0.00104	0.00000558	0.00654	0.0023	0.0418	0.0245	0.00000581	26.6	0.0000208	0.000942	0.000353	0.00139
2101 Feb	175	0.0818	0.149	0.00432	28.6	0.0451	39.3	0.00172	0.00104	0.00000558	0.00654	0.0023	0.0418	0.0245	0.00000581	26.6	0.0000208	0.000942	0.000353	0.00139
2101 Mar	175	0.0818	0.149	0.00432	28.6	0.0451	39.3	0.00172	0.00104	0.00000558	0.00654	0.0023	0.0418	0.0245	0.00000581	26.6	0.0000208	0.000942	0.000353	0.00139
2101 Apr	176	0.0818	0.149	0.00432	28.6	0.0451	39.4	0.00172	0.00104	0.00000558	0.00654	0.0023	0.0418	0.0245	0.00000582	26.6	0.0000208	0.000942	0.000353	0.00139
2101 May	176	0.0817	0.15	0.00433	28.7	0.0452	39.5	0.00172	0.00104	0.00000558	0.00653	0.0023	0.042	0.0245	0.00000581	26.6	0.0000208	0.000948	0.000353	0.00139
2101 Jun	176	0.0805	0.151	0.00437	28.5	0.0451	40.2	0.00173	0.00103	0.00000552	0.00643	0.00232	0.0427	0.0242	0.00000577	26.6	0.0000206	0.000965	0.000351	0.00139
2101 Jul	177	0.0809	0.152	0.0044	28.7	0.0454	40.5	0.00174	0.00103	0.00000555	0.00645	0.00233	0.043	0.0243	0.00000579	26.7	0.0000207	0.000972	0.000353	0.0014
2101 Aug	178	0.0813	0.153	0.00442	28.8	0.0456	40.7	0.00175	0.00104	0.00000557	0.00648	0.00235	0.0433	0.0244	0.00000582	26.8	0.0000208	0.000976	0.000355	0.0014

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	179	0.0814	0.153	0.00443	28.9	0.0456	40.8	0.00175	0.00104	0.00000557	0.00648	0.00234	0.0433	0.0244	0.00000582	26.8	0.0000209	0.000976	0.000355	0.0014
2101 Oct	179	0.0814	0.153	0.00443	28.9	0.0456	40.8	0.00175	0.00103	0.00000557	0.00648	0.00234	0.0433	0.0244	0.00000582	26.8	0.0000208	0.000975	0.000354	0.0014
2101 Nov	179	0.0813	0.153	0.00443	28.8	0.0455	40.8	0.00174	0.00103	0.00000556	0.00647	0.00234	0.0432	0.0244	0.00000581	26.8	0.0000208	0.000974	0.000354	0.0014
2101 Dec	179	0.0813	0.153	0.00443	28.8	0.0455	40.8	0.00174	0.00103	0.00000556	0.00647	0.00234	0.0432	0.0244	0.00000581	26.8	0.0000208	0.000974	0.000354	0.0014
2102 Jan	179	0.0813	0.153	0.00443	28.8	0.0455	40.8	0.00174	0.00103	0.00000556	0.00647	0.00234	0.0432	0.0244	0.00000581	26.8	0.0000208	0.000974	0.000354	0.0014
2102 Feb	179	0.0813	0.153	0.00443	28.8	0.0455	40.8	0.00174	0.00103	0.00000556	0.00647	0.00234	0.0432	0.0244	0.00000581	26.8	0.0000208	0.000974	0.000354	0.0014
2102 Mar	179	0.0813	0.153	0.00443	28.8	0.0455	40.8	0.00174	0.00103	0.00000556	0.00647	0.00234	0.0432	0.0244	0.00000581	26.8	0.0000208	0.000974	0.000354	0.0014
2102 Apr	179	0.0813	0.153	0.00443	28.8	0.0455	40.8	0.00174	0.00103	0.00000556	0.00648	0.00234	0.0432	0.0244	0.00000581	26.8	0.0000208	0.000974	0.000354	0.0014
2102 May	179	0.0814	0.154	0.00443	28.9	0.0456	40.9	0.00175	0.00104	0.00000557	0.00648	0.00234	0.0433	0.0244	0.00000582	26.8	0.0000209	0.000975	0.000354	0.0014
2102 Jun	176	0.0788	0.152	0.00441	28.2	0.0454	40.6	0.00175	0.00103	0.00000556	0.0065	0.00232	0.0434	0.0236	0.00000581	26.2	0.000021	0.000974	0.00034	0.00138
2102 Jul	174	0.0768	0.151	0.00441	27.7	0.0453	40.6	0.00175	0.00103	0.00000555	0.00651	0.00231	0.0437	0.023	0.0000058	25.7	0.0000211	0.000976	0.000329	0.00137
2102 Aug	176	0.0771	0.152	0.00443	27.8	0.0455	40.8	0.00176	0.00103	0.00000557	0.00653	0.00232	0.0438	0.023	0.00000582	25.8	0.0000212	0.000979	0.00033	0.00137
2102 Sep	176	0.0772	0.152	0.00444	27.9	0.0455	40.9	0.00176	0.00103	0.00000557	0.00653	0.00232	0.0439	0.023	0.00000582	25.8	0.0000212	0.000979	0.00033	0.00137
2102 Oct	176	0.077	0.152	0.00443	27.8	0.0454	40.9	0.00175	0.00103	0.00000555	0.00652	0.00231	0.0438	0.0229	0.00000581	25.7	0.0000211	0.000976	0.000329	0.00137
2102 Nov	176	0.077	0.152	0.00443	27.8	0.0454	40.9	0.00175	0.00103	0.00000555	0.00652	0.00231	0.0438	0.0229	0.00000581	25.7	0.0000211	0.000977	0.000328	0.00137
2102 Dec	176	0.077	0.152	0.00443	27.8	0.0454	40.9	0.00175	0.00103	0.00000555	0.00652	0.00231	0.0438	0.0229	0.00000581	25.7	0.0000211	0.000977	0.000328	0.00137
2103 Jan	176	0.077	0.152	0.00443	27.8	0.0454	40.9	0.00175	0.00103	0.00000555	0.00652	0.00231	0.0438	0.0229	0.00000581	25.7	0.0000211	0.000977	0.000328	0.00137
2103 Feb	176	0.077	0.152	0.00443	27.8	0.0454	40.9	0.00176	0.00103	0.00000555	0.00652	0.00231	0.0438	0.0229	0.00000581	25.7	0.0000211	0.000977	0.000328	0.00137
2103 Mar	176	0.077	0.152	0.00443	27.8	0.0454	40.9	0.00176	0.00103	0.00000555	0.00652	0.00231	0.0438	0.0229	0.00000581	25.7	0.0000211	0.000977	0.000328	0.00137
2103 Apr	176	0.0771	0.152	0.00444	27.8	0.0455	41	0.00176	0.00103	0.00000555	0.00652	0.00232	0.0438	0.0229	0.00000581	25.7	0.0000211	0.000977	0.000328	0.00137
2103 May	176	0.077	0.152	0.00443	27.7	0.0455	41	0.00176	0.00103	0.00000556	0.00654	0.00232	0.0439	0.0229	0.00000582	25.7	0.0000212	0.000979	0.000327	0.00137
2103 Jun	173	0.0754	0.15	0.00441	27.2	0.0454	41	0.00176	0.00102	0.00000551	0.00649	0.00232	0.0443	0.0224	0.00000577	25.4	0.0000211	0.000988	0.000321	0.00136
2103 Jul	173	0.0754	0.151	0.00444	27.3	0.0455	41.3	0.00177	0.00102	0.00000552	0.00649	0.00233	0.0446	0.0224	0.00000578	25.4	0.0000212	0.000994	0.00032	0.00136
2103 Aug	174	0.0752	0.152	0.00445	27.3	0.0456	41.6	0.00177	0.00102	0.00000552	0.00649	0.00233	0.0448	0.0223	0.00000578	25.4	0.0000211	0.000996	0.000319	0.00136
2103 Sep	174	0.0749	0.152	0.00446	27.2	0.0458	41.7	0.00177	0.00102	0.0000055	0.00646	0.00233	0.0449	0.0221	0.00000577	25.3	0.0000211	0.000998	0.000316	0.00136
2103 Oct	173	0.0743	0.153	0.00448	27	0.0461	42.1	0.00178	0.00101	0.00000547	0.0064	0.00233	0.0454	0.0216	0.00000574	25	0.0000208	0.00101	0.000307	0.00136
2103 Nov	173	0.0742	0.153	0.00449	26.9	0.0462	42.3	0.00178	0.00101	0.00000545	0.00638	0.00233	0.0456	0.0214	0.00000573	24.9	0.0000208	0.00101	0.000304	0.00135
2103 Dec	173	0.0742	0.153	0.00449	26.9	0.0462	42.3	0.00178	0.00101	0.00000545	0.00638	0.00233	0.0456	0.0214	0.00000573	24.9	0.0000208	0.00101	0.000304	0.00135
2104 Jan	173	0.0742	0.153	0.00449	26.9	0.0462	42.3	0.00178	0.00101	0.00000545	0.00638	0.00233	0.0456	0.0214	0.00000573	24.9	0.0000208	0.00101	0.000304	0.00135
2104 Feb	173	0.0742	0.153	0.00449	26.9	0.0462	42.3	0.00178	0.00101	0.00000545	0.00638	0.00233	0.0456	0.0214	0.00000573	24.9	0.0000208	0.00101	0.000304	0.00135
2104 Mar	173	0.0742	0.153	0.0045	26.9	0.0462	42.3	0.00178	0.00101	0.00000545	0.00638	0.00233	0.0456	0.0214	0.00000573	24.9	0.0000208	0.00101	0.000304	0.00135
2104 Apr	174	0.0743	0.153	0.0045	26.9	0.0462	42.3	0.00178	0.00101	0.00000546	0.00639	0.00233	0.0457	0.0215	0.00000573	24.9	0.0000208	0.00101	0.000305	0.00136
2104 May	174	0.0743	0.153	0.00451	26.9	0.0463	42.5	0.00178	0.00101	0.00000545	0.00638	0.00234	0.0459	0.0214	0.00000573	24.9	0.0000207	0.00101	0.000304	0.00136
2104 Jun	174	0.074	0.154	0.00453	26.8	0.0464	43.2	0.00179	0.00099	0.00000537	0.00627	0.00236	0.0465	0.0212	0.00000566	24.9	0.0000205	0.00103	0.000303	0.00136
2104 Jul	175	0.0743	0.155	0.00456	26.9	0.0466	43.4	0.00179	0.000992	0.00000539	0.00628	0.00237	0.0468	0.0213	0.00000567	25	0.0000206	0.00104	0.000304	0.00136
2104 Aug	176	0.0745	0.156	0.00458	27	0.0467	43.6	0.0018	0.000994	0.0000054	0.00629	0.00237	0.0469	0.0213	0.00000569	25	0.0000206	0.00104	0.000304	0.00136
2104 Sep	176	0.0745	0.156	0.00458	27	0.0467	43.7	0.00179	0.000993	0.00000539	0.00628	0.00237	0.0469	0.0213	0.00000568	25	0.0000206	0.00104	0.000304	0.00136
2104 Oct	177	0.0745	0.156	0.00459	26.9	0.0468	43.9	0.0018	0.00099	0.00000538	0.00627	0.00237	0.047	0.0212	0.00000567	25	0.0000205	0.00104	0.000303	0.00136
2104 Nov	177	0.0746	0.156	0.0046	26.9	0.0469	44	0.0018	0.000989	0.00000537	0.00626	0.00237	0.0472	0.0212	0.00000566	25	0.0000205	0.00104	0.000302	0.00136
2104 Dec	177	0.0746	0.156	0.0046	26.9	0.0469	44	0.0018	0.000989	0.00000537	0.00626	0.00237	0.0472	0.0212	0.00000567	25	0.0000205	0.00104	0.000302	0.00136
2105 Jan	177	0.0746	0.156	0.0046	26.9	0.0469	44	0.0018	0.000989	0.00000537	0.00626	0.00237	0.0472	0.0212	0.00000567	25	0.0000205	0.00104	0.000302	0.00136
2105 Feb	177	0.0746	0.156	0.0046	26.9	0.0469	44	0.0018	0.000989	0.00000537	0.00626	0.00237	0.0472	0.0212	0.00000567	25	0.0000205	0.00104	0.000302	0.00136
2105 Mar	177	0.0746	0.156	0.0046	26.9	0.0469	44	0.0018	0.000989	0.00000537	0.00626	0.00237	0.0472	0.0212	0.00000567	25	0.0000205	0.00104	0.000302	0.00136
2105 Apr	177	0.0746	0.156	0.0046	26.9	0.0469	44	0.0018	0.000989	0.00000538	0.00626	0.00238	0.0472	0.0212	0.00000567	25	0.0000205	0.00104	0.000302	0.00136
2105 May	177	0.0748	0.156	0.00461	27	0.047	44.1	0.0018	0.000989	0.00000538	0.00626	0.00238	0.0474	0.0212	0.00000567	25	0.0000205	0.00105	0.000303	0.00137
2105 Jun	178	0.0751	0.157	0.00463	27	0.0472	44.5	0.00181	0.000986	0.00000537	0.00625	0.0024	0.0478	0.0212	0.00000566	25.2	0.0000205	0.00106	0.000304	0.00137
2105 Jul	179	0.0754	0.158	0.00465	27.1	0.0474	44.8	0.00182	0.000989	0.00000538	0.00627	0.00241	0.048	0.0213	0.00000568	25.3	0.0000206	0.00106	0.000305	0.00138
2105 Aug	180	0.0755	0.158	0.00466	27.2	0.0474	44.9	0.00181	0.000989	0.00000538	0.00626	0.00241	0.048	0.0213	0.00000568	25.2	0.0000206	0.00106	0.000305	0.00138
2105 Sep	180	0.0756	0.159	0.00468	27.2	0.0477	45.3	0.00182	0.000987	0.00000537	0.00625	0.00242	0.0484	0.0213	0.00000568	25.3	0.0000205	0.00107	0.000304	0.00138
2105 Oct	181	0.0758	0.159	0.00471	27.1	0.048	45.6	0.00183	0.000983	0.00000536	0.00622	0.00243	0.0489	0.0211	0.00000567	25.3	0.0000204	0.00108	0.000302	0.00138
2105 Nov	181	0.0759	0.16	0.00472	27.1	0.0481	45.8	0.00183	0.000981	0.00000535	0.00621	0.00244	0.0491	0.021	0.00000566	25.2	0.0000204	0.00108	0.0003	0.00138
2105 Dec	181	0.0759	0.16	0.00472	27.1	0.0482	45.8	0.00183	0.000981	0.00000535	0.00621	0.00244	0.0491	0.021	0.00000566	25.2	0.0000204	0.00108	0.0003	0.00138
2106 Jan	181	0.0759	0.16	0.00472	27.1	0.0482	45.9	0.00183	0.000981	0.00000535	0.00621	0.00244	0.0491	0.021	0.00000566	25.2	0.0000204	0.00108	0.0003	0.00138
2106 Feb	181	0.0759	0.16	0.00472	27.1	0.0482	45.9	0.00183	0.000981	0.00000535	0.00621	0.00244	0.0491	0.021	0.00000566	25.2	0.0000204	0.00108	0.0003	0.00138
2106 Mar	181	0.0759	0.16	0.00472	27.1	0.0482	45.9	0.00183	0.000981	0.00000535	0.00621	0.00244	0.0491	0.021	0.00000566	25.2	0.0000204	0.00108	0.0003	0.00138
2106 Apr	181	0.076	0.16	0.00472	27.1	0.0482	45.9	0.00183	0.000981	0.00000535	0.00621	0.00244	0.0491	0.021	0.00000566	25.3	0.0000204	0.00108	0.0003	0.00138
2106 May	181	0.0761	0.16	0.00473	27.2	0.0483	46	0.00184	0.000983	0.00000536	0.00622	0.00244	0.0492	0.0211	0.00000567	25.3	0.0000204	0.00108	0.000301	0.00139
2106 Jun	180	0.0757	0.16	0.00475	27	0.0484	46.6	0.00184	0.00097	0.0000053	0.00615	0.00246	0.05	0.0209	0.00000562	25.3	0.0000203	0.0011	0.000299	0.00139
2106 Jul	182	0.0758	0.161	0.00478	27	0.0486	47	0.00185	0.000969	0.00000531	0.00615	0.00248	0.0505	0.0208	0.00000563	25.4	0.0000204	0.00111	0.000299	0.00139
2106 Aug	183	0.0758	0.162	0.0048	27.1	0.0487	47.2	0.00185	0.000969	0.00000531	0.00615	0.00248	0.0505	0.0208	0.00000563	25.4	0.0000204	0.00111	0.000299	0.00139
2106 Sep	183	0.0755	0.162	0.00481	27	0.0488	47.4	0.00186	0.000968	0.0000053	0.00614	0.00248	0.0507	0.0207	0.00000563	25.3	0.0000203	0.00112	0.000296	0.00139
2106 Oct	183	0.0754	0.162	0.00482	27	0.0489	47.5	0.00186	0.000968	0.0000053	0.00613	0.00248	0.0509	0.0206	0.00000563	25.3	0.0000203	0.00112	0.000295	0.00139
2106 Nov	183	0.0754	0.162	0.00482	27	0.0489	47.5	0.00186	0.000968	0.0000053	0.00614	0.00248	0.0509	0.0206	0.00000563	25.3	0.0000203	0.00112	0.000295	0.00139
2106 Dec	183	0.0754	0.162	0.00482	27	0.0489	47.5	0.00186	0.000968	0.0000053	0.00614	0.00248	0.0509	0.0206	0.00000563	25.3	0.0000203	0.00112	0.000295	0.00139
2107 Jan	183	0.0754	0.162	0.00482	27	0.0489	47.5	0.00186	0.000968	0.0000053	0.00614	0.00248	0.0509	0.0206	0.00000563	25.3	0.0000203	0.00112	0.000295	0.00139
2107 Feb	183	0.0754	0.162	0.00482	27	0.0489	47.5	0.00186	0.000968	0.0000053	0.00614	0.00248	0.0509	0.0206	0.00000563	25.3	0.0000203	0.00112	0.000295	0.00139
2107 Mar	183	0.0754	0.162	0.00482	27	0.0489	47.6	0.00186	0.000968	0.0000053	0.00614	0.00248	0.0509	0.0206	0.00000563	25.3	0.0000203	0.00112	0.000295	0.00139
2107 Apr	183	0.0754	0.163	0.00482	27	0.0489	47.6	0.00186	0.000968	0.0000053	0.00614	0.00248	0.0509	0.0206	0.00000563	25.3	0.0000203	0.00112	0.000295	0.00139
2107 May	183	0.0753	0.162	0.00482	27	0.049	47.6	0.00187	0.000969	0.00000531	0.00614	0.00249	0.051	0.0206	0.00000564	25.3	0.0000203	0.00112	0.000296	0.00139
2107 Jun	182	0.0747	0.162	0.00482	26.8	0.0491	47.8	0.00187	0.000967	0.0000053	0.00612	0.00251	0.0514	0.0208	0.00000564	25.5	0.0000203	0.00113	0.000298	0.0014
2107 Jul	183	0.075	0.162	0.00483	26.9	0.0492	48	0.00188	0.000969	0.00000531	0.00614	0.00251	0.0515	0.0208	0.00000565	25.5	0.0000204	0.00114	0.000299	0.0014
2107 Aug	184	0.0752	0.163	0.00486	27	0.0494	48.2	0.00188	0.000973	0.00000533	0.00616	0.00252	0.0517	0.0209	0.00000567	25.6	0.0000204	0.00114	0.0003	0.0014
2107 Sep	185	0.0754	0.163	0.00487	27.1	0.0494	48.4	0.00189	0.000973	0.00000534	0.00616	0.00252	0.0517	0.0209	0.00000567	25.7	0.0000205	0.00114	0.0003	0.00141
2107 Oct	185	0.0754	0.163	0.00487	27.1	0.0494	48.4	0.00188	0.000972	0.00000533	0.00616	0.00252	0.0517	0.0209	0.00000567	25.6	0.0000204	0.00114	0.0003	0.00141
2107 Nov	185	0.0754	0.163	0.00486	27.1	0.0494	48.4	0.00188	0.000972	0.00000533	0.00616	0.00252	0.0517	0.0209	0.00000566	25.6	0.0000204	0.00114	0.0003	0.0014
2107 Dec	185	0.0754	0.163	0.00486	27.1	0.0494	48.4	0.00188	0.000972	0.00000533	0.00616	0.00252	0.0517	0.0209	0.00000566	25.6	0.0000204	0.00114	0.0003	0.0014
2108 Jan	185	0.0754	0.163	0.00486	27.1	0.0494	48.4	0.00188	0.000972	0.00000533	0.00616	0.00252	0.0517	0.0209	0.00000566	25.6	0.0000204	0.00114	0.0003	0.0014

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	185	0.0754	0.163	0.00486	27.1	0.0494	48.4	0.00188	0.000972	0.00000533	0.00616	0.00252	0.0517	0.0209	0.00000566	25.6	0.0000204	0.00114	0.0003	0.0014
2108 Mar	185	0.0754	0.163	0.00487	27.1	0.0494	48.4	0.00188	0.000972	0.00000533	0.00616	0.00252	0.0517	0.0209	0.00000566	25.6	0.0000204	0.00114	0.0003	0.0014
2108 Apr	185	0.0754	0.163	0.00487	27.1	0.0494	48.4	0.00188	0.000973	0.00000533	0.00616	0.00252	0.0517	0.0209	0.00000567	25.7	0.0000205	0.00114	0.0003	0.00141
2108 May	186	0.0756	0.164	0.00488	27.2	0.0495	48.5	0.00189	0.000975	0.00000534	0.00618	0.00253	0.0518	0.0209	0.00000568	25.7	0.0000205	0.00114	0.0003	0.00141
2108 Jun	185	0.0753	0.163	0.00487	27.1	0.0496	48.4	0.00189	0.00098	0.00000537	0.00622	0.00253	0.0518	0.021	0.0000057	25.7	0.0000206	0.00114	0.000301	0.00141
2108 Jul	186	0.0756	0.164	0.00489	27.2	0.0498	48.7	0.0019	0.000985	0.0000054	0.00626	0.00255	0.0521	0.0211	0.00000574	25.9	0.0000208	0.00115	0.000302	0.00142
2108 Aug	188	0.076	0.165	0.00492	27.3	0.0501	49	0.00191	0.00099	0.00000542	0.00629	0.00256	0.0524	0.0212	0.00000576	26	0.0000209	0.00115	0.000304	0.00142
2108 Sep	188	0.0761	0.165	0.00493	27.4	0.0501	49.1	0.00191	0.000991	0.00000543	0.00629	0.00256	0.0524	0.0212	0.00000577	26	0.0000209	0.00116	0.000304	0.00143
2108 Oct	188	0.076	0.165	0.00492	27.3	0.05	49	0.0019	0.000987	0.00000541	0.00627	0.00255	0.0522	0.0211	0.00000575	25.9	0.0000208	0.00115	0.000303	0.00142
2108 Nov	188	0.076	0.165	0.00492	27.3	0.0499	49	0.0019	0.000987	0.00000541	0.00627	0.00255	0.0522	0.0211	0.00000574	25.9	0.0000208	0.00115	0.000303	0.00142
2108 Dec	188	0.076	0.165	0.00492	27.3	0.0499	49	0.0019	0.000987	0.00000541	0.00627	0.00255	0.0522	0.0211	0.00000574	25.9	0.0000208	0.00115	0.000303	0.00142
2109 Jan	188	0.076	0.165	0.00492	27.3	0.0499	49	0.0019	0.000987	0.00000541	0.00627	0.00255	0.0522	0.0211	0.00000574	25.9	0.0000208	0.00115	0.000303	0.00142
2109 Feb	188	0.076	0.165	0.00492	27.3	0.0499	49	0.0019	0.000987	0.00000541	0.00627	0.00255	0.0522	0.0211	0.00000574	25.9	0.0000208	0.00115	0.000303	0.00142
2109 Mar	188	0.076	0.165	0.00492	27.3	0.05	49	0.0019	0.000987	0.00000541	0.00627	0.00255	0.0522	0.0211	0.00000575	25.9	0.0000208	0.00115	0.000303	0.00142
2109 Apr	189	0.0761	0.165	0.00492	27.3	0.05	49	0.0019	0.000988	0.00000541	0.00628	0.00255	0.0523	0.0211	0.00000575	25.9	0.0000208	0.00115	0.000303	0.00142
2109 May	188	0.0763	0.164	0.00491	27.3	0.0501	48.9	0.00191	0.000995	0.00000544	0.00634	0.00256	0.0522	0.0214	0.00000578	26.1	0.000021	0.00115	0.000306	0.00143
2109 Jun	186	0.0768	0.161	0.00486	27.3	0.0501	48.3	0.00191	0.00101	0.00000551	0.00646	0.00257	0.0518	0.0219	0.00000584	26.4	0.0000213	0.00115	0.000312	0.00144
2109 Jul	187	0.0771	0.162	0.00488	27.4	0.0503	48.6	0.00192	0.00101	0.00000552	0.00648	0.00257	0.0519	0.0219	0.00000586	26.5	0.0000213	0.00115	0.000313	0.00144
2109 Aug	188	0.0773	0.163	0.0049	27.5	0.0504	48.7	0.00192	0.00101	0.00000554	0.0065	0.00258	0.0521	0.022	0.00000587	26.5	0.0000214	0.00115	0.000314	0.00144
2109 Sep	189	0.0774	0.162	0.0049	27.5	0.0505	48.8	0.00192	0.00102	0.00000554	0.00651	0.00258	0.052	0.022	0.00000588	26.6	0.0000214	0.00115	0.000314	0.00145
2109 Oct	186	0.0778	0.159	0.00483	27.3	0.0506	48.1	0.00192	0.00103	0.00000559	0.0066	0.00258	0.0516	0.0223	0.00000592	26.7	0.0000215	0.00114	0.000316	0.00145
2109 Nov	186	0.0778	0.159	0.00483	27.3	0.0506	48.1	0.00192	0.00103	0.00000559	0.00661	0.00258	0.0516	0.0223	0.00000592	26.7	0.0000215	0.00114	0.000317	0.00145
2109 Dec	186	0.0778	0.159	0.00483	27.3	0.0506	48.1	0.00192	0.00103	0.00000559	0.00661	0.00258	0.0516	0.0223	0.00000592	26.7	0.0000215	0.00114	0.000317	0.00145
2110 Jan	186	0.0779	0.159	0.00483	27.3	0.0506	48.1	0.00192	0.00103	0.00000559	0.00661	0.00258	0.0516	0.0223	0.00000593	26.7	0.0000215	0.00114	0.000317	0.00145
2110 Feb	186	0.0779	0.159	0.00483	27.3	0.0506	48.1	0.00192	0.00103	0.00000559	0.00661	0.00258	0.0516	0.0223	0.00000593	26.7	0.0000215	0.00114	0.000317	0.00145
2110 Mar	186	0.0779	0.159	0.00483	27.3	0.0507	48.1	0.00192	0.00103	0.00000559	0.00661	0.00258	0.0516	0.0223	0.00000593	26.7	0.0000215	0.00114	0.000317	0.00145
2110 Apr	186	0.0779	0.159	0.00483	27.3	0.0507	48.1	0.00192	0.00103	0.00000559	0.00661	0.00258	0.0516	0.0223	0.00000593	26.7	0.0000215	0.00114	0.000317	0.00145
2110 May	186	0.078	0.159	0.00483	27.3	0.0507	48.1	0.00193	0.00103	0.0000056	0.00663	0.00258	0.0516	0.0224	0.00000594	26.8	0.0000216	0.00114	0.000318	0.00145
2110 Jun	178	0.0784	0.152	0.00466	26.9	0.0504	46.8	0.00192	0.00104	0.00000564	0.00673	0.0026	0.0507	0.0234	0.00000597	27.4	0.0000218	0.00114	0.000333	0.00146
2110 Jul	179	0.0786	0.153	0.00468	27	0.0506	47.1	0.00193	0.00104	0.00000565	0.00675	0.00261	0.051	0.0235	0.00000598	27.5	0.0000219	0.00114	0.000334	0.00147
2110 Aug	177	0.0773	0.152	0.00469	26.7	0.0506	47.5	0.00193	0.00103	0.00000561	0.00666	0.00262	0.0514	0.0232	0.00000594	27.3	0.0000216	0.00115	0.00033	0.00146
2110 Sep	177	0.0762	0.154	0.00473	26.5	0.051	48.3	0.00194	0.00102	0.00000553	0.00653	0.00263	0.0523	0.0225	0.00000588	26.9	0.0000212	0.00117	0.000319	0.00146
2110 Oct	178	0.0756	0.155	0.00478	26.2	0.0514	49.1	0.00195	0.000999	0.00000546	0.00642	0.00264	0.0532	0.0218	0.00000582	26.6	0.0000209	0.00119	0.000309	0.00145
2110 Nov	178	0.0756	0.156	0.0048	26.2	0.0515	49.4	0.00195	0.000995	0.00000544	0.0064	0.00264	0.0535	0.0216	0.0000058	26.5	0.0000208	0.00119	0.000306	0.00145
2110 Dec	178	0.0756	0.156	0.0048	26.2	0.0516	49.4	0.00195	0.000995	0.00000544	0.0064	0.00264	0.0535	0.0216	0.0000058	26.5	0.0000208	0.00119	0.000306	0.00145
2111 Jan	178	0.0756	0.156	0.0048	26.2	0.0516	49.4	0.00195	0.000995	0.00000544	0.0064	0.00264	0.0535	0.0216	0.0000058	26.5	0.0000208	0.00119	0.000306	0.00145
2111 Feb	178	0.0756	0.156	0.0048	26.2	0.0516	49.4	0.00195	0.000995	0.00000544	0.0064	0.00264	0.0535	0.0216	0.0000058	26.5	0.0000208	0.00119	0.000306	0.00145
2111 Mar	178	0.0756	0.156	0.0048	26.2	0.0516	49.4	0.00195	0.000995	0.00000544	0.0064	0.00264	0.0535	0.0216	0.0000058	26.5	0.0000208	0.00119	0.000306	0.00145
2111 Apr	178	0.0757	0.156	0.00481	26.2	0.0516	49.4	0.00195	0.000995	0.00000545	0.0064	0.00264	0.0536	0.0216	0.00000581	26.5	0.0000209	0.00119	0.000306	0.00145
2111 May	178	0.0758	0.156	0.00482	26.2	0.0517	49.6	0.00196	0.000995	0.00000545	0.0064	0.00265	0.0538	0.0216	0.00000581	26.5	0.0000209	0.0012	0.000306	0.00145
2111 Jun	179	0.076	0.157	0.00485	26.2	0.0518	50.5	0.00196	0.000979	0.00000537	0.00632	0.00267	0.0546	0.0215	0.00000574	26.6	0.0000208	0.00122	0.000306	0.00145
2111 Jul	180	0.0764	0.158	0.00488	26.3	0.052	50.8	0.00198	0.000983	0.0000054	0.00635	0.00269	0.0549	0.0216	0.00000577	26.8	0.0000209	0.00122	0.000308	0.00146
2111 Aug	181	0.0765	0.158	0.00489	26.3	0.0521	50.9	0.00197	0.000983	0.0000054	0.00634	0.00268	0.0549	0.0216	0.00000577	26.8	0.0000209	0.00122	0.000308	0.00146
2111 Sep	182	0.0765	0.159	0.0049	26.4	0.0521	51	0.00198	0.000982	0.0000054	0.00634	0.00269	0.055	0.0215	0.00000577	26.8	0.0000209	0.00122	0.000307	0.00146
2111 Oct	182	0.0764	0.159	0.00492	26.3	0.0523	51.4	0.00198	0.000979	0.00000538	0.00632	0.0027	0.0554	0.0214	0.00000576	26.7	0.0000208	0.00123	0.000305	0.00146
2111 Nov	182	0.0764	0.159	0.00493	26.2	0.0525	51.7	0.00199	0.000975	0.00000537	0.00629	0.0027	0.0558	0.0213	0.00000575	26.7	0.0000207	0.00124	0.000303	0.00146
2111 Dec	182	0.0764	0.159	0.00493	26.2	0.0525	51.7	0.00199	0.000975	0.00000537	0.00629	0.0027	0.0558	0.0213	0.00000575	26.7	0.0000207	0.00124	0.000303	0.00146
2112 Jan	182	0.0764	0.159	0.00493	26.2	0.0525	51.7	0.00199	0.000975	0.00000537	0.00629	0.0027	0.0558	0.0213	0.00000575	26.7	0.0000207	0.00124	0.000303	0.00146
2112 Feb	182	0.0764	0.159	0.00493	26.2	0.0525	51.7	0.00199	0.000975	0.00000537	0.00629	0.0027	0.0558	0.0213	0.00000575	26.7	0.0000207	0.00124	0.000303	0.00146
2112 Mar	182	0.0764	0.159	0.00493	26.2	0.0525	51.7	0.00199	0.000975	0.00000537	0.00629	0.0027	0.0558	0.0213	0.00000575	26.7	0.0000207	0.00124	0.000303	0.00146
2112 Apr	182	0.0764	0.159	0.00494	26.3	0.0526	51.7	0.00199	0.000976	0.00000537	0.0063	0.00271	0.0558	0.0213	0.00000575	26.7	0.0000207	0.00124	0.000303	0.00146
2112 May	182	0.0766	0.159	0.00494	26.3	0.0526	51.8	0.00199	0.000976	0.00000537	0.0063	0.00271	0.0559	0.0214	0.00000575	26.8	0.0000208	0.00124	0.000305	0.00146
2112 Jun	182	0.0761	0.159	0.00495	26.2	0.0522	52.6	0.002	0.000957	0.00000528	0.0062	0.00275	0.0568	0.0216	0.00000568	27.2	0.0000208	0.00127	0.000313	0.00147
2112 Jul	183	0.0762	0.16	0.00498	26.2	0.0524	53.1	0.00201	0.000956	0.00000528	0.0062	0.00276	0.0571	0.0216	0.00000568	27.2	0.0000209	0.00128	0.000313	0.00147
2112 Aug	185	0.0765	0.161	0.005	26.3	0.0526	53.3	0.00201	0.000959	0.0000053	0.00622	0.00277	0.0573	0.0217	0.0000057	27.3	0.0000209	0.00128	0.000314	0.00148
2112 Sep	185	0.0765	0.161	0.00501	26.4	0.0526	53.4	0.00201	0.000959	0.0000053	0.00622	0.00277	0.0573	0.0217	0.0000057	27.3	0.0000209	0.00128	0.000314	0.00148
2112 Oct	185	0.0765	0.161	0.00501	26.4	0.0525	53.4	0.00201	0.000959	0.0000053	0.00621	0.00277	0.0573	0.0217	0.0000057	27.3	0.0000209	0.00128	0.000314	0.00148
2112 Nov	186	0.0766	0.161	0.00501	26.4	0.0525	53.4	0.00201	0.000959	0.0000053	0.00622	0.00277	0.0573	0.0217	0.0000057	27.3	0.0000209	0.00128	0.000314	0.00148
2112 Dec	186	0.0766	0.161	0.00501	26.4	0.0525	53.4	0.00201	0.000959	0.0000053	0.00622	0.00277	0.0573	0.0217	0.0000057	27.3	0.0000209	0.00128	0.000314	0.00148
2113 Jan	186	0.0766	0.161	0.00501	26.4	0.0525	53.4	0.00201	0.000959	0.0000053	0.00622	0.00277	0.0573	0.0217	0.0000057	27.3	0.0000209	0.00128	0.000314	0.00148
2113 Feb	186	0.0766	0.161	0.00501	26.4	0.0526	53.4	0.00201	0.000959	0.0000053	0.00622	0.00277	0.0573	0.0217	0.0000057	27.3	0.0000209	0.00128	0.000314	0.00148
2113 Mar	186	0.0766	0.161	0.00501	26.4	0.0526	53.4	0.00201	0.000959	0.0000053	0.00622	0.00277	0.0573	0.0217	0.0000057	27.3	0.0000209	0.00128	0.000314	0.00148
2113 Apr	186	0.0766	0.161	0.00502	26.4	0.0526	53.4	0.00201	0.00096	0.0000053	0.00622	0.00277	0.0574	0.0217	0.0000057	27.4	0.000021	0.00128	0.000314	0.00148
2113 May	186	0.0767	0.162	0.00503	26.4	0.0527	53.6	0.00202	0.000961	0.00000531	0.00623	0.00278	0.0575	0.0218	0.00000571	27.4	0.000021	0.00129	0.000316	0.00148
2113 Jun	187	0.0767	0.162	0.00504	26.5	0.0526	53.9	0.00203	0.000963	0.00000532	0.00626	0.00281	0.0579	0.0222	0.00000573	27.8	0.0000213	0.0013	0.000324	0.00149
2113 Jul	188	0.077	0.162	0.00507	26.6	0.0528	54.2	0.00204	0.000966	0.00000534	0.00628	0.00282	0.0582	0.0223	0.00000575	27.9	0.0000214	0.00131	0.000325	0.0015
2113 Aug	189	0.0773	0.163	0.00509	26.7	0.053	54.5	0.00204	0.000969	0.00000536	0.0063	0.00283	0.0584	0.0223	0.00000577	28	0.0000214	0.00131	0.000326	0.0015
2113 Sep	190	0.0773	0.163	0.00509	26.7	0.053	54.5	0.00204	0.000968	0.00000535	0.00629	0.00282	0.0583	0.0223	0.00000576	28	0.0000214	0.00131	0.000326	0.0015
2113 Oct	189	0.0775	0.163	0.00509	26.7	0.0531	54.6	0.00204	0.000967	0.00000535	0.00631	0.00283	0.0585	0.0223	0.00000576	28	0.0000215	0.00131	0.000325	0.0015
2113 Nov	189	0.0777	0.163	0.00509	26.6	0.0532	54.7	0.00205	0.000967	0.00000535	0.00632	0.00283	0.0586	0.0223	0.00000576	28	0.0000215	0.00132	0.000325	0.0015
2113 Dec	189	0.0777	0.163	0.00509	26.6	0.0532	54.7	0.00205	0.000967	0.00000535	0.00632	0.00283	0.0586	0.0223	0.00000576	28	0.0000215	0.00132	0.000325	0.0015
2114 Jan	189	0.0777	0.163	0.00509	26.6	0.0532	54.7	0.00205	0.000967	0.00000535	0.00632	0.00284	0.0586	0.0223	0.00000576	28	0.0000215	0.00132	0.000325	0.0015
2114 Feb	189	0.0777	0.163	0.00509	26.6	0.0532	54.7	0.00205	0.000967	0.00000535	0.00632	0.00284	0.0586	0.0223	0.00000576	28	0.0000215	0.00132	0.000325	0.0015
2114 Mar	189	0.0777	0.163	0.00509	26.6	0.0532	54.7	0.00205	0.000968	0.00000535	0.00632	0.00284	0.0586	0.0223	0.00000576	28	0.0000215	0.00132	0.000325	0.0015
2114 Apr	189	0.0777	0.163	0.00509	26.6	0.0532	54.7	0.00205	0.000968	0.00000535	0.00632	0.00284	0.0587	0.0223	0.00000577	28.1	0.0000215	0.00132	0.000325	0.0015
2114 May	189	0.078	0.162	0.00509	26.6	0.0533	54.8	0.00205	0.000969	0.00000536	0.00634	0.00285	0.0588	0.0224	0.00000577	28.2	0.0000216	0.00132	0.000327	0.00151
2114 Jun	189	0.0786	0.162	0.00509	26.7	0.0534	55	0.00206	0.000971	0.00000537	0.00638	0.00287	0.0591	0.0226	0.00000579	28.4	0.0000217	0.00133	0.000331	0.00152

Appendix D.2-23: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	190	0.079	0.163	0.00512	26.8	0.0537	55.4	0.00207	0.000977	0.0000054	0.00642	0.00288	0.0594	0.0228	0.00000582	28.6	0.0000219	0.00134	0.000333	0.00153
2114 Aug	191	0.0795	0.164	0.00515	27	0.054	55.7	0.00208	0.000982	0.00000543	0.00645	0.0029	0.0597	0.0229	0.00000585	28.7	0.000022	0.00134	0.000334	0.00153
2114 Sep	192	0.0795	0.164	0.00516	27	0.054	55.8	0.00208	0.000981	0.00000542	0.00645	0.00289	0.0597	0.0229	0.00000585	28.7	0.000022	0.00134	0.000334	0.00153
2114 Oct	192	0.0794	0.164	0.00515	26.9	0.0539	55.7	0.00208	0.000978	0.00000541	0.00643	0.00289	0.0595	0.0228	0.00000583	28.6	0.0000219	0.00134	0.000333	0.00153
2114 Nov	192	0.0795	0.164	0.00514	26.9	0.0538	55.6	0.00207	0.000977	0.0000054	0.00643	0.00288	0.0594	0.0228	0.00000582	28.6	0.0000219	0.00134	0.000333	0.00153
2114 Dec	192	0.0795	0.164	0.00514	26.9	0.0538	55.6	0.00207	0.000978	0.00000541	0.00644	0.00288	0.0595	0.0228	0.00000583	28.6	0.0000219	0.00134	0.000333	0.00153
2115 Jan	192	0.0795	0.164	0.00514	26.9	0.0538	55.6	0.00207	0.000978	0.00000541	0.00644	0.00288	0.0595	0.0228	0.00000583	28.6	0.0000219	0.00134	0.000333	0.00153
2115 Feb	192	0.0795	0.164	0.00514	26.9	0.0538	55.6	0.00207	0.000978	0.00000541	0.00644	0.00288	0.0595	0.0228	0.00000583	28.6	0.0000219	0.00134	0.000333	0.00153
2115 Mar	192	0.0795	0.164	0.00514	26.9	0.0539	55.7	0.00207	0.000978	0.00000541	0.00644	0.00288	0.0595	0.0228	0.00000583	28.6	0.0000219	0.00134	0.000333	0.00153
2115 Apr	192	0.0796	0.164	0.00515	26.9	0.0539	55.7	0.00207	0.000978	0.00000541	0.00644	0.00288	0.0595	0.0228	0.00000583	28.6	0.0000219	0.00134	0.000333	0.00153
2115 May	192	0.08	0.163	0.00514	27	0.054	55.7	0.00208	0.000982	0.00000543	0.00647	0.00289	0.0595	0.0229	0.00000585	28.7	0.000022	0.00134	0.000335	0.00153
2115 Jun	193	0.0809	0.163	0.00515	27.1	0.0543	55.8	0.00209	0.000989	0.00000546	0.00654	0.00291	0.0597	0.0232	0.00000588	29	0.0000222	0.00134	0.000339	0.00154
2115 Jul	194	0.0813	0.164	0.00518	27.2	0.0545	56.1	0.0021	0.000994	0.00000549	0.00657	0.00292	0.06	0.0233	0.00000591	29.1	0.0000223	0.00135	0.00034	0.00155
2115 Aug	195	0.0813	0.164	0.00518	27.2	0.0545	56.2	0.00209	0.000992	0.00000548	0.00656	0.00292	0.0599	0.0233	0.0000059	29.1	0.0000223	0.00135	0.00034	0.00155
2115 Sep	196	0.0814	0.165	0.00519	27.3	0.0545	56.3	0.00209	0.000992	0.00000548	0.00656	0.00292	0.0599	0.0233	0.0000059	29.1	0.0000223	0.00135	0.00034	0.00155
2115 Oct	196	0.0814	0.165	0.00519	27.3	0.0545	56.3	0.00209	0.000992	0.00000548	0.00656	0.00291	0.0599	0.0233	0.0000059	29.1	0.0000223	0.00135	0.00034	0.00155
2115 Nov	196	0.0814	0.165	0.00519	27.2	0.0545	56.3	0.00209	0.000992	0.00000548	0.00656	0.00291	0.0599	0.0233	0.0000059	29.1	0.0000222	0.00134	0.00034	0.00155
2115 Dec	196	0.0814	0.164	0.00519	27.2	0.0545	56.3	0.00209	0.000992	0.00000548	0.00657	0.00291	0.0599	0.0233	0.0000059	29.1	0.0000223	0.00135	0.00034	0.00155
2116 Jan	196	0.0814	0.164	0.00519	27.2	0.0545	56.3	0.00209	0.000992	0.00000548	0.00657	0.00291	0.0599	0.0233	0.0000059	29.1	0.0000223	0.00135	0.00034	0.00155
2116 Feb	196	0.0815	0.164	0.00519	27.3	0.0545	56.3	0.00209	0.000992	0.00000548	0.00657	0.00291	0.0599	0.0233	0.0000059	29.1	0.0000223	0.00135	0.00034	0.00155
2116 Mar	196	0.0815	0.164	0.00519	27.3	0.0545	56.3	0.00209	0.000992	0.00000548	0.00657	0.00291	0.0599	0.0233	0.0000059	29.1	0.0000223	0.00135	0.00034	0.00155
2116 Apr	196	0.0815	0.165	0.00519	27.3	0.0545	56.3	0.00209	0.000993	0.00000548	0.00657	0.00291	0.0599	0.0233	0.00000591	29.1	0.0000223	0.00135	0.00034	0.00155
2116 May	196	0.0819	0.164	0.00518	27.3	0.0546	56.2	0.0021	0.000998	0.00000551	0.00661	0.00292	0.0599	0.0235	0.00000593	29.3	0.0000224	0.00135	0.000343	0.00156
2116 Jun	190	0.0828	0.158	0.00506	27.2	0.0546	55.3	0.00211	0.00102	0.00000559	0.00677	0.00295	0.0593	0.0247	0.00000601	30.1	0.0000227	0.00135	0.00036	0.00157
2116 Jul	191	0.0832	0.159	0.00509	27.3	0.0549	55.6	0.00212	0.00102	0.00000561	0.0068	0.00297	0.0597	0.0248	0.00000603	30.2	0.0000229	0.00136	0.000362	0.00158
2116 Aug	192	0.0836	0.16	0.00511	27.4	0.0551	55.9	0.00213	0.00102	0.00000563	0.00683	0.00298	0.06	0.0249	0.00000606	30.4	0.000023	0.00136	0.000364	0.00159
2116 Sep	193	0.0836	0.16	0.00511	27.4	0.055	55.9	0.00212	0.00102	0.00000562	0.00682	0.00298	0.0599	0.0248	0.00000605	30.3	0.0000229	0.00136	0.000363	0.00159
2116 Oct	192	0.0836	0.159	0.0051	27.3	0.0551	55.9	0.00212	0.00102	0.00000562	0.00682	0.00297	0.0599	0.0247	0.00000604	30.2	0.0000229	0.00136	0.000361	0.00158
2116 Nov	192	0.0837	0.159	0.0051	27.3	0.0551	55.9	0.00212	0.00102	0.00000562	0.00683	0.00298	0.0599	0.0247	0.00000604	30.2	0.0000229	0.00136	0.000361	0.00158
2116 Dec	192	0.0837	0.159	0.0051	27.3	0.0551	55.9	0.00212	0.00102	0.00000562	0.00683	0.00298	0.0599	0.0247	0.00000604	30.2	0.0000229	0.00136	0.000361	0.00158
2117 Jan	192	0.0837	0.159	0.0051	27.3	0.0551	55.9	0.00212	0.00102	0.00000562	0.00683	0.00298	0.0599	0.0247	0.00000604	30.2	0.0000229	0.00136	0.000361	0.00158
2117 Feb	192	0.0837	0.159	0.0051	27.3	0.0551	55.9	0.00212	0.00102	0.00000562	0.00683	0.00298	0.0599	0.0247	0.00000604	30.2	0.0000229	0.00136	0.000361	0.00158
2117 Mar	192	0.0837	0.159	0.0051	27.3	0.0551	55.9	0.00212	0.00102	0.00000562	0.00683	0.00298	0.0599	0.0247	0.00000604	30.2	0.0000229	0.00136	0.000361	0.00158
2117 Apr	192	0.0838	0.159	0.00511	27.4	0.0551	55.9	0.00212	0.00102	0.00000562	0.00683	0.00298	0.0599	0.0248	0.00000605	30.3	0.0000229	0.00136	0.000361	0.00159
2117 May	193	0.0839	0.159	0.00511	27.4	0.0552	56	0.00213	0.00102	0.00000563	0.00685	0.00298	0.06	0.0248	0.00000606	30.3	0.000023	0.00136	0.000362	0.00159
2117 Jun	192	0.0844	0.159	0.0051	27.3	0.0554	56	0.00213	0.00103	0.00000565	0.00689	0.00299	0.0601	0.025	0.00000607	30.5	0.0000231	0.00137	0.000364	0.00159
2117 Jul	193	0.0848	0.16	0.00513	27.5	0.0557	56.4	0.00214	0.00103	0.00000568	0.00693	0.00301	0.0605	0.0251	0.00000611	30.6	0.0000232	0.00137	0.000366	0.0016
2117 Aug	194	0.0851	0.16	0.00515	27.6	0.0558	56.6	0.00215	0.00104	0.00000569	0.00695	0.00302	0.0606	0.0251	0.00000612	30.7	0.0000233	0.00138	0.000367	0.00161
2117 Sep	195	0.0853	0.161	0.00516	27.6	0.0559	56.7	0.00215	0.00104	0.0000057	0.00696	0.00302	0.0607	0.0252	0.00000613	30.7	0.0000233	0.00138	0.000367	0.00161
2117 Oct	195	0.0852	0.161	0.00516	27.6	0.0559	56.7	0.00215	0.00104	0.00000569	0.00695	0.00302	0.0607	0.0251	0.00000612	30.7	0.0000233	0.00138	0.000367	0.00161
2117 Nov	195	0.0852	0.161	0.00516	27.6	0.0559	56.7	0.00215	0.00103	0.00000569	0.00695	0.00302	0.0606	0.0251	0.00000612	30.7	0.0000233	0.00138	0.000367	0.00161
2117 Dec	195	0.0852	0.161	0.00516	27.6	0.0558	56.7	0.00215	0.00103	0.00000569	0.00695	0.00302	0.0606	0.0251	0.00000612	30.7	0.0000233	0.00138	0.000367	0.00161
2118 Jan	195	0.0852	0.161	0.00516	27.6	0.0558	56.7	0.00215	0.00103	0.00000569	0.00695	0.00302	0.0606	0.0251	0.00000612	30.7	0.0000233	0.00138	0.000367	0.00161
2118 Feb	195	0.0852	0.161	0.00516	27.6	0.0558	56.7	0.00215	0.00103	0.00000569	0.00695	0.00302	0.0606	0.0251	0.00000612	30.7	0.0000233	0.00138	0.000367	0.00161
2118 Mar	195	0.0852	0.161	0.00516	27.6	0.0559	56.7	0.00215	0.00103	0.00000569	0.00695	0.00302	0.0606	0.0251	0.00000612	30.7	0.0000233	0.00138	0.000367	0.00161
2118 Apr	195	0.0853	0.161	0.00516	27.6	0.0559	56.7	0.00215	0.00104	0.00000569	0.00695	0.00302	0.0607	0.0251	0.00000612	30.7	0.0000233	0.00138	0.000367	0.00161
2118 May	194	0.0856	0.159	0.00513	27.6	0.0558	56.4	0.00215	0.00104	0.00000571	0.00699	0.00302	0.0604	0.0255	0.00000614	30.9	0.0000234	0.00138	0.000372	0.00161
2118 Jun	190	0.0856	0.155	0.00502	27.5	0.0551	55.5	0.00214	0.00104	0.00000572	0.00704	0.00303	0.0596	0.0263	0.00000614	31.4	0.0000236	0.00137	0.000386	0.00162
2118 Jul	192	0.0861	0.156	0.00505	27.6	0.0554	55.8	0.00215	0.00105	0.00000575	0.00708	0.00305	0.06	0.0264	0.00000618	31.6	0.0000238	0.00138	0.000388	0.00163
2118 Aug	193	0.0862	0.156	0.00506	27.7	0.0554	56	0.00215	0.00105	0.00000575	0.00708	0.00304	0.06	0.0264	0.00000617	31.6	0.0000238	0.00138	0.000388	0.00163
2118 Sep	192	0.086	0.155	0.00505	27.5	0.0554	56	0.00215	0.00104	0.00000573	0.00706	0.00304	0.06	0.0263	0.00000615	31.5	0.0000237	0.00138	0.000385	0.00162
2118 Oct	191	0.0857	0.155	0.00506	27.4	0.0556	56.2	0.00215	0.00104	0.0000057	0.00703	0.00305	0.0604	0.026	0.00000613	31.3	0.0000236	0.00138	0.000381	0.00162
2118 Nov	191	0.0857	0.155	0.00507	27.3	0.0557	56.4	0.00215	0.00104	0.00000569	0.00702	0.00305	0.0606	0.0259	0.00000613	31.3	0.0000235	0.00139	0.000379	0.00162
2118 Dec	191	0.0857	0.155	0.00507	27.3	0.0557	56.4	0.00215	0.00104	0.00000569	0.00702	0.00305	0.0606	0.0259	0.00000613	31.3	0.0000235	0.00139	0.000379	0.00162
2119 Jan	191	0.0857	0.155	0.00507	27.3	0.0558	56.4	0.00215	0.00104	0.00000569	0.00702	0.00305	0.0606	0.0259	0.00000613	31.3	0.0000235	0.00139	0.000379	0.00162
2119 Feb	191	0.0857	0.155	0.00507	27.3	0.0558	56.4	0.00215	0.00104	0.00000569	0.00702	0.00305	0.0606	0.0259	0.00000613	31.3	0.0000235	0.00139	0.000379	0.00162
2119 Mar	191	0.0857	0.155	0.00507	27.3	0.0558	56.4	0.00216	0.00104	0.00000569	0.00702	0.00305	0.0606	0.0259	0.00000613	31.3	0.0000235	0.00139	0.000379	0.00162
2119 Apr	191	0.0858	0.156	0.00507	27.3	0.0558	56.4	0.00216	0.00104	0.0000057	0.00702	0.00305	0.0607	0.0259	0.00000613	31.3	0.0000236	0.00139	0.000379	0.00162
2119 May	191	0.0856	0.156	0.00508	27.2	0.0558	56.8	0.00216	0.00103	0.00000565	0.00696	0.00306	0.0611	0.0258	0.00000609	31.3	0.0000234	0.0014	0.000379	0.00162
2119 Jun	192	0.0854	0.156	0.0051	27.2	0.0559	57.3	0.00216	0.00102	0.00000561	0.00691	0.00307	0.0615	0.0257	0.00000606	31.3	0.0000234	0.00141	0.000378	0.00162
2119 Jul	193	0.0859	0.157	0.00514	27.3	0.0562	57.6	0.00218	0.00102	0.00000564	0.00695	0.00309	0.0619	0.0258	0.00000609	31.5	0.0000235	0.00142	0.00038	0.00163
2119 Aug	194	0.0861	0.158	0.00516	27.4	0.0563	57.9	0.00218	0.00103	0.00000566	0.00696	0.0031	0.0621	0.0259	0.0000061	31.6	0.0000236	0.00142	0.000381	0.00163
2119 Sep	195	0.0861	0.158	0.00516	27.4	0.0562	57.9	0.00217	0.00102	0.00000564	0.00695	0.00309	0.0619	0.0258	0.00000609	31.5	0.0000235	0.00142	0.00038	0.00163
2119 Oct	195	0.086	0.158	0.00516	27.4	0.0563	58	0.00218	0.00102	0.00000563	0.00694	0.00309	0.0621	0.0257	0.00000608	31.4	0.0000235	0.00142	0.000378	0.00163
2119 Nov	195	0.0859	0.158	0.00517	27.3	0.0564	58.2	0.00218	0.00102	0.00000563	0.00693	0.0031	0.0623	0.0256	0.00000608	31.4	0.0000235	0.00143	0.000376	0.00163
2119 Dec	195	0.0859	0.158	0.00517	27.3	0.0564	58.2	0.00218	0.00102	0.00000563	0.00693	0.0031	0.0623	0.0256	0.00000608	31.4	0.0000235	0.00143	0.000376	0.00163

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0233	0.00000473	4.11	1.21	0.024	0.0051	146	0.0118	0.00486	0.000028	0.00171	0.000471	0.404	0.00000172	0.00119	0.00143	0.000474	8.25E-12
Operation (2026-2036): Mean	0.131	0.0000229	5.6	24.5	0.107	0.0263	222	0.0314	0.0137	0.000492	0.00518	0.000935	0.552	0.000233	0.00304	0.0473	0.00222	0.00195
Operation (2026-2036): Max	0.232	0.0000488	8.91	65.2	0.229	0.0463	326	0.0547	0.0203	0.000921	0.0084	0.0013	0.824	0.000458	0.00469	0.0918	0.00465	0.00543
Active Closure (2037-2043): Min	0.0164	0.00000429	1.25	4.08	0.0204	0.000449	11.8	0.00289	0.00634	0.0000309	0.000199	0.000102	0.0796	0.00000173	0.00011	0.000242	0.0011	1.92E-14
Active Closure (2037-2043): Mean	0.0213	0.00000689	1.52	8.16	0.0326	0.001	30.3	0.0064	0.0107	0.0000833	0.000333	0.000179	0.113	0.00000198	0.000232	0.000374	0.00131	5.4E-13
Active Closure (2037-2043): Max	0.043	0.0000323	4.31	40.8	0.15	0.0054	177	0.034	0.0249	0.000186	0.00169	0.000809	0.473	0.00000205	0.00124	0.00152	0.00306	8.17E-12
Post Closure (2044-2119): Min	0.036	0.00000641	1.28	2.01	0.022	0.000234	8.59	0.00168	0.0244	0.000155	0.000159	0.0000676	0.0823	0.00000205	0.0000688	0.000392	0.00136	1.92E-14
Post Closure (2044-2119): Mean	0.0521	0.00000838	2.28	4.05	0.0466	0.000594	12.1	0.00318	0.0348	0.000296	0.000236	0.000135	0.141	0.00000227	0.000238	0.000578	0.00154	0.0000893
Post Closure (2044-2119): Max	0.0652	0.0000112	3.8	6.94	0.0731	0.0012	13.1	0.00569	0.0407	0.000405	0.000364	0.000237	0.223	0.00000258	0.000518	0.000772	0.00172	0.000121
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Jan	0.118	0.00000473	4.54	1.21	0.024	0.0235	146	0.0118	0.00486	0.000473	0.00424	0.000471	0.404	0.000235	0.00235	0.0471	0.000474	0.0028
2032 Feb	0.192	0.00000767	7.37	1.96	0.0388	0.0382	238	0.0191	0.00784	0.000767	0.00688	0.000765	0.657	0.000382	0.00382	0.0764	0.000769	0.00454
2032 Mar	0.212	0.00000848	8.16	2.17	0.0428	0.0423	263	0.0211	0.00864	0.000848	0.00761	0.000846	0.726	0.000423	0.00423	0.0846	0.00085	0.00502
2032 Apr	0.222	0.0000089	8.56	2.27	0.0448	0.0444	276	0.0222	0.00904	0.000889	0.00799	0.000887	0.762	0.000444	0.00444	0.0887	0.000891	0.00527
2032 May	0.229	0.00000933	8.84	2.57	0.047	0.0458	286	0.0231	0.0093	0.000917	0.00824	0.00092	0.788	0.000457	0.00458	0.0915	0.000933	0.00543
2032 Jun	0.129	0.0000184	6.15	17.3	0.0821	0.0249	234	0.025	0.0159	0.000491	0.00483	0.000782	0.58	0.000229	0.00277	0.0463	0.00202	0.00271
2032 Jul	0.122	0.0000288	7.48	34.3	0.138	0.0262	326	0.0388	0.00831	0.000461	0.00533	0.0011	0.746	0.000219	0.00319	0.0448	0.00276	0.00259
2032 Aug	0.142	0.0000252	7.67	27.9	0.119	0.0294	313	0.0352	0.0103	0.000535	0.00578	0.00105	0.745	0.00026	0.0034	0.0528	0.00239	0.00308
2032 Sep	0.187	0.0000204	8.72	19.7	0.0985	0.0383	326	0.033	0.00985	0.00073	0.00723	0.00108	0.819	0.000361	0.00414	0.0726	0.00196	0.00428
2032 Oct	0.202	0.0000176	8.9	15.2	0.0857	0.0411	321	0.0308	0.00941	0.000796	0.00765	0.00105	0.824	0.000395	0.00434	0.0793	0.00169	0.00468
2032 Nov	0.212	0.000015	8.91	11	0.0728	0.0427	309	0.0282	0.0107	0.000836	0.00785	0.00101	0.814	0.000416	0.00442	0.0834	0.00146	0.00494
2032 Dec	0.21	0.0000143	8.72	9.87	0.0684	0.0421	299	0.027	0.0118	0.000826	0.00771	0.000976	0.794	0.000411	0.00434	0.0824	0.0014	0.00488
2033 Jan	0.219	0.0000133	8.4	8.03	0.0642	0.0437	284	0.0265	0.0116	0.000864	0.00798	0.000978	0.761	0.00043	0.00448	0.0861	0.00131	0.00479
2033 Feb	0.225	0.0000127	7.75	6.82	0.0618	0.0448	261	0.0262	0.0114	0.000889	0.00815	0.000981	0.701	0.000442	0.00457	0.0885	0.00125	0.00446
2033 Mar	0.229	0.0000123	7.31	5.99	0.0602	0.0456	245	0.026	0.0112	0.000906	0.00828	0.000984	0.66	0.000451	0.00463	0.0902	0.00121	0.00423
2033 Apr	0.232	0.000012	6.99	5.37	0.059	0.0463	234	0.0259	0.0111	0.000921	0.0084	0.000988	0.63	0.000458	0.00469	0.0918	0.00119	0.00407
2033 May	0.221	0.0000127	6.46	6.62	0.0662	0.0429	216	0.0253	0.0136	0.000909	0.00783	0.000949	0.586	0.000423	0.00438	0.0848	0.0013	0.0036
2033 Jun	0.165	0.0000181	5.56	16.4	0.0945	0.0308	209	0.0271	0.0157	0.000704	0.00586	0.000888	0.529	0.00029	0.00335	0.0584	0.00188	0.00236
2033 Jul	0.169	0.0000231	5.68	23.6	0.115	0.034	238	0.0345	0.0111	0.000678	0.00655	0.00107	0.56	0.000311	0.00379	0.0629	0.00226	0.00208
2033 Aug	0.205	0.0000218	5.72	20.1	0.107	0.042	233	0.0358	0.00937	0.000806	0.00793	0.00117	0.556	0.000396	0.00453	0.0798	0.00209	0.00237
2033 Sep	0.122	0.0000257	4.95	29	0.121	0.0254	230	0.0346	0.0114	0.00045	0.00509	0.000998	0.508	0.000218	0.00303	0.0443	0.00244	0.00129
2033 Oct	0.0823	0.0000256	4.25	29.4	0.115	0.0162	204	0.0305	0.0179	0.000266	0.00343	0.000825	0.443	0.000124	0.00212	0.0256	0.00244	0.000732
2033 Nov	0.119	0.0000216	4.29	22.3	0.0971	0.0233	187	0.0284	0.0174	0.000424	0.00458	0.000841	0.429	0.000205	0.00271	0.0416	0.00208	0.00121
2033 Dec	0.144	0.0000194	4.39	18.3	0.088	0.0283	181	0.0277	0.0161	0.000533	0.00541	0.00087	0.428	0.000261	0.00314	0.0526	0.00187	0.00154
2034 Jan	0.161	0.0000179	4.45	15.5	0.0819	0.0318	176	0.0272	0.0151	0.000608	0.00599	0.00089	0.428	0.000299	0.00344	0.0602	0.00173	0.00177
2034 Feb	0.173	0.0000168	4.5	13.6	0.0777	0.0342	174	0.0269	0.0145	0.00066	0.00639	0.000905	0.428	0.000326	0.00364	0.0655	0.00163	0.00193
2034 Mar	0.182	0.000016	4.54	12.2	0.0745	0.0361	171	0.0267	0.014	0.0007	0.00669	0.000916	0.428	0.000346	0.0038	0.0696	0.00156	0.00205
2034 Apr	0.19	0.0000154	4.58	11	0.072	0.0377	170	0.0266	0.0136	0.000734	0.00696	0.000927	0.429	0.000364	0.00394	0.073	0.0015	0.00216
2034 May	0.193	0.0000152	4.6	10.6	0.0727	0.0381	169	0.0264	0.014	0.00076	0.00702	0.000928	0.43	0.000368	0.00397	0.0739	0.0015	0.00219
2034 Jun	0.163	0.0000179	4.45	15.8	0.0932	0.03	171	0.0264	0.0173	0.000693	0.0057	0.000867	0.429	0.000282	0.00326	0.0569	0.00184	0.00167
2034 Jul	0.179	0.0000209	5.1	19.4	0.103	0.035	207	0.0318	0.0141	0.000719	0.00665	0.00102	0.497	0.000327	0.00382	0.0659	0.00206	0.00194
2034 Aug	0.215	0.0000205	5.64	17.6	0.1	0.0436	224	0.0346	0.0107	0.000848	0.00815	0.00116	0.542	0.000415	0.00464	0.0834	0.00198	0.00246
2034 Sep	0.118	0.0000253	4.8	28.2	0.118	0.0241	222	0.0334	0.0136	0.000427	0.00484	0.000959	0.491	0.000205	0.00289	0.0418	0.00241	0.00121
2034 Oct	0.105	0.0000229	4.23	24.5	0.102	0.0204	190	0.0286	0.0188	0.000361	0.00409	0.000822	0.428	0.000173	0.00246	0.0352	0.0022	0.00102
2034 Nov	0.154	0.0000182	4.35	15.9	0.0816	0.03	173	0.0266	0.0171	0.000571	0.00567	0.000861	0.419	0.000281	0.00326	0.0565	0.00176	0.00166
2034 Dec	0.178	0.000016	4.47	12.1	0.0733	0.0351	168	0.0261	0.0154	0.00068	0.00651	0.000895	0.421	0.000337	0.0037	0.0676	0.00156	0.002
2035 Jan	0.187	0.0000153	4.51	10.7	0.0704	0.0369	166	0.026	0.0148	0.000719	0.00681	0.000907	0.422	0.000356	0.00386	0.0715	0.00149	0.00211
2035 Feb	0.187	0.0000153	4.51	10.7	0.0705	0.0369	166	0.026	0.0148	0.00072	0.00681	0.000907	0.421	0.000356	0.00386	0.0715	0.00149	0.00211
2035 Mar	0.187	0.0000153	4.51	10.7	0.0706	0.0369	166	0.026	0.0148	0.00072	0.00681	0.000907	0.422	0.000356	0.00386	0.0715	0.00149	0.00211
2035 Apr	0.188	0.0000153	4.52	10.8	0.0708	0.037	167	0.026	0.0149	0.000722	0.00683	0.000909	0.423	0.000357	0.00387	0.0717	0.0015	0.00212
2035 May	0.188	0.0000159	4.59	11.5	0.0736	0.0371	170	0.0266	0.0151	0.000726	0.00685	0.000923	0.431	0.000357	0.00389	0.0717	0.00155	0.00212
2035 Jun	0.0949	0.0000237	4.11	25.9	0.112	0.0169	171	0.028	0.0193	0.00038	0.00356	0.000785	0.419	0.000137	0.00213	0.0283	0.00252	0.000809
2035 Jul	0.0605	0.0000373	5.44	47.4	0.177	0.0128	258	0.0428	0.0141	0.000212	0.00321	0.00107	0.594	0.0000682	0.00209	0.015	0.00369	0.000395
2035 Aug	0.0337	0.0000441	6.07	59.6	0.212	0.00974	305	0.0509	0.0073	0.0000885	0.00287	0.00122	0.684	0.0000218	0.002	0.00605	0.00417	0.000119
2035 Sep	0.0276	0.000033	4.39	42	0.148	0.00565	210	0.0352	0.0187	0.0000301	0.00177	0.000838	0.484	0.00000262	0.00129	0.00164	0.00312	0.00000537
2035 Oct	0.0252	0.0000353	4.72	46.3	0.162	0.0061	231	0.0387	0.0148	0.0000289	0.00194	0.000919	0.527	0.00000182	0.00141	0.00162	0.00332	0.000000854
2035 Nov	0.0254	0.0000342	4.57	44.6	0.157	0.00589	223	0.0373	0.0156	0.0000282	0.00186	0.000886	0.509	0.00000174	0.00136	0.00156	0.00322	0.000000472
2035 Dec	0.0258	0.0000338	4.51	43.8	0.154	0.00579	218	0.0366	0.0164	0.000028	0.00183	0.00087	0.501	0.00000175	0.00133	0.00153	0.00318	0.000000463
2036 Jan	0.0261	0.0000337	4.49	43.6	0.153	0.00576	218	0.0365	0.0166	0.0000295	0.00182	0.000867	0.499	0.00000175	0.00133	0.00153	0.00317	0.000000461
2036 Feb	0.0265	0.0000336	4.49	43.6	0.154	0.00575	217	0.0364	0.0167	0.0000316	0.00182	0.000865	0.499	0.00000175	0.00133	0.00153	0.00317	0.00000046
2036 Mar	0.0267	0.0000336	4.49	43.5	0.154	0.00574	217	0.0363	0.0168	0.0000329	0.00182	0.000864	0.499	0.00000175	0.00132	0.00153	0.00317	0.000000459
2036 Apr	0.0271	0.0000339	4.53	43.9	0.155	0.0058	219	0.0367	0.0169	0.0000342	0.00183	0.000872	0.504	0.00000176	0.00134	0.00155	0.0032	0.000000459
2036 May	0.0279	0.0000352	4.71	45.7	0.162	0.00603	227	0.0382	0.0172	0.0000361	0.00191	0.000907	0.523	0.00000182	0.00139	0.00161	0.00332	0.000000464
2036 Jun	0.028	0.0000316	4.11	39.3	0.141	0.0051	176	0.033	0.0184	0.0000579	0.00171	0.000786	0.451	0.00000177	0.00119	0.00149	0.00332	7.62E-08
2036 Jul	0.027	0.0000411	5.45	54.2	0.191	0.00704	237	0.0455	0.0123	0.0000523	0.00231	0.00108	0.611	0.00000189	0.00164	0.0019	0.00399	4.68E-10
2036 Aug	0.0294	0.0000488	6.49	65.2	0.229	0.00847	285	0.0547	0.0115	0.0000547	0.00276	0.0013	0.732	0.00000213	0.00197	0.00224	0.00465	2.97E-10
2036 Sep	0.0233	0.0000446	5.99	60.8	0.213	0.0079	266	0.0509	0.00685	0.0000382	0.00256	0.00121	0.679	0.0000018	0.00184	0.00207	0.00418	7.94E-11
2036 Oct	0.0267	0.0000348	4.64	45.1	0.158	0.00594	196	0.0377	0.017	0.0000294	0.00188	0.000895	0.515	0.00000172	0.00137	0.00156	0.00328	1.34E-11
2036 Nov	0.0273	0.0000337	4.48	43.2	0.152	0.00571	188	0.0361	0.0185	0.0000287	0.0018	0.000858	0.496	0.00000172	0.00132	0.0015	0.00318	9.51E-12
2036 Dec	0.0282	0.0000324	4.3	41	0.144	0.00544	179	0.0342	0.0203	0.0000281	0.00171	0.000815	0.474	0.00000173	0.00125	0.00143	0.00307	8.25E-12
2037 Jan	0.0288	0.0000322	4.28	40.7	0.144	0.00539	177	0.0339	0.0207	0.0000309	0.00169	0.000808	0.471	0.00000173	0.00124	0.00142	0.00305	8.17E-12
2037 Feb	0.0295	0.0000321	4.27	40.6	0.144	0.00537	176	0.0338	0.0209	0.0000348	0.00169	0.000805	0.47	0.00000174	0.00124	0.00143	0.00304	8.14E-12
2037 Mar	0.0299	0.0000321	4.28	40.6	0.144	0.00537	176	0.0338	0.0211	0.0000372	0.00169	0.000806	0.471	0.00000174	0.00124	0.00143	0.00305	8.14E-12
2037 Apr	0.0304	0.0000323	4.31	40.8	0.145	0.0054	177	0.034	0.0213	0.000039	0.00169	0.000809	0.473	0.00000175	0.00124	0.00144	0.00306	8.17E-12
2037 May	0.043	0.0000305	4.21	38	0.15	0.00494	159	0.0314	0.0249	0.000186	0.00159	0.00076	0.458	0.00000179	0.00114	0.00152	0.00303	5.89E-12
2037 Jun	0.0328	0.0000173	2.75	22	0.0907	0.00278	85.2	0.0179	0.0143	0.000178	0.00092	0.00045	0.272	0.00000185	0.000649	0.000941	0.00209	1E-12

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0227	0.00000915	1.8	11.8	0.0467	0.00146	45.6	0.0095	0.0088	0.000105	0.000482	0.000251	0.151	0.00000194	0.000341	0.000505	0.00146	4.3E-13
2037 Aug	0.0195	0.00000673	1.53	8.8	0.034	0.00108	34.1	0.007	0.00722	0.0000802	0.000353	0.000192	0.117	0.00000197	0.00025	0.000376	0.00128	2.8E-13
2037 Sep	0.0175	0.00000551	1.42	7.35	0.0277	0.000888	28.5	0.00573	0.00649	0.0000666	0.00029	0.000163	0.101	0.00000198	0.000206	0.00031	0.00119	2.09E-13
2037 Oct	0.0168	0.00000532	1.41	7.15	0.0266	0.000863	27.7	0.00555	0.00634	0.0000633	0.00028	0.000159	0.0983	0.00000198	0.000199	0.000297	0.00117	1.82E-13
2037 Nov	0.0169	0.00000538	1.41	7.21	0.0268	0.000872	27.9	0.00561	0.00639	0.0000633	0.000283	0.00016	0.0991	0.00000198	0.000201	0.000299	0.00117	1.81E-13
2037 Dec	0.0169	0.00000538	1.41	7.21	0.0268	0.000872	27.9	0.00561	0.0064	0.0000633	0.000283	0.00016	0.0991	0.00000198	0.000201	0.000299	0.00117	1.81E-13
2038 Jan	0.0169	0.00000538	1.41	7.21	0.0268	0.000872	27.9	0.00561	0.0064	0.0000633	0.000283	0.00016	0.0991	0.00000198	0.000201	0.000299	0.00117	1.81E-13
2038 Feb	0.0169	0.00000538	1.41	7.21	0.0268	0.000872	27.9	0.00561	0.0064	0.0000633	0.000283	0.00016	0.0991	0.00000198	0.000201	0.000299	0.00117	1.81E-13
2038 Mar	0.0169	0.00000538	1.41	7.21	0.0268	0.000872	27.9	0.00561	0.00641	0.0000633	0.000283	0.00016	0.0991	0.00000198	0.000201	0.000299	0.00117	1.81E-13
2038 Apr	0.0169	0.00000538	1.41	7.22	0.0268	0.000872	27.9	0.00561	0.00641	0.0000634	0.000283	0.000161	0.0991	0.00000198	0.000201	0.000299	0.00117	1.81E-13
2038 May	0.0175	0.00000553	1.43	7.38	0.0279	0.000891	28.4	0.00573	0.00669	0.0000683	0.00029	0.000164	0.101	0.00000198	0.000206	0.000311	0.00119	1.8E-13
2038 Jun	0.0198	0.00000616	1.5	8.03	0.0323	0.000969	29.9	0.00626	0.00777	0.0000893	0.00032	0.000177	0.111	0.00000197	0.000225	0.000358	0.00124	1.54E-13
2038 Jul	0.0192	0.00000547	1.42	7.14	0.0284	0.000855	26.5	0.00554	0.0073	0.0000838	0.000282	0.00016	0.0998	0.00000199	0.000198	0.000321	0.00119	1.31E-13
2038 Aug	0.0184	0.00000505	1.37	6.65	0.0261	0.000793	24.6	0.00514	0.00689	0.0000769	0.00026	0.00015	0.0939	0.000002	0.000184	0.000297	0.00116	1.13E-13
2038 Sep	0.0176	0.00000477	1.35	6.35	0.0245	0.000755	23.4	0.00487	0.00658	0.0000707	0.000247	0.000144	0.0904	0.000002	0.000174	0.000279	0.00114	9.91E-14
2038 Oct	0.0172	0.00000469	1.34	6.26	0.024	0.000744	23	0.00479	0.00651	0.0000689	0.000243	0.000142	0.0894	0.00000199	0.000172	0.000273	0.00113	9.28E-14
2038 Nov	0.0173	0.0000047	1.34	6.28	0.024	0.000746	23.1	0.0048	0.00652	0.0000689	0.000243	0.000143	0.0895	0.00000199	0.000172	0.000273	0.00113	9.28E-14
2038 Dec	0.0173	0.0000047	1.34	6.28	0.024	0.000746	23.1	0.0048	0.00652	0.0000689	0.000243	0.000142	0.0895	0.00000199	0.000172	0.000273	0.00113	9.28E-14
2039 Jan	0.0173	0.0000047	1.34	6.28	0.024	0.000746	23.1	0.0048	0.00652	0.0000689	0.000243	0.000142	0.0895	0.00000199	0.000172	0.000274	0.00113	9.28E-14
2039 Feb	0.0173	0.0000047	1.34	6.28	0.024	0.000746	23.1	0.0048	0.00652	0.0000689	0.000243	0.000142	0.0895	0.00000199	0.000172	0.000274	0.00113	9.28E-14
2039 Mar	0.0173	0.0000047	1.34	6.28	0.024	0.000746	23.1	0.00481	0.00652	0.0000689	0.000243	0.000143	0.0895	0.00000199	0.000172	0.000274	0.00113	9.28E-14
2039 Apr	0.0173	0.0000047	1.34	6.28	0.0241	0.000746	23.1	0.00481	0.00653	0.0000689	0.000243	0.000143	0.0896	0.000002	0.000172	0.000274	0.00113	9.28E-14
2039 May	0.0173	0.00000472	1.35	6.3	0.0241	0.000749	23.1	0.00482	0.00654	0.000069	0.000244	0.000143	0.0898	0.000002	0.000173	0.000274	0.00113	9.29E-14
2039 Jun	0.0175	0.00000506	1.36	6.58	0.0251	0.000787	23.6	0.00508	0.00701	0.000068	0.00026	0.000148	0.0927	0.00000199	0.000182	0.000289	0.00116	8.55E-14
2039 Jul	0.0175	0.00000528	1.37	6.79	0.0256	0.000816	23.8	0.00528	0.00712	0.0000661	0.00027	0.000152	0.0944	0.00000198	0.000189	0.000294	0.00118	7.53E-14
2039 Aug	0.0173	0.00000513	1.35	6.59	0.0247	0.000791	22.9	0.00511	0.00707	0.0000634	0.000261	0.000148	0.092	0.00000198	0.000183	0.000284	0.00116	6.84E-14
2039 Sep	0.0169	0.00000488	1.33	6.31	0.0234	0.000755	21.9	0.00487	0.00687	0.0000607	0.000248	0.000143	0.089	0.00000198	0.000175	0.000271	0.00114	6.32E-14
2039 Oct	0.0167	0.00000479	1.32	6.21	0.023	0.000742	21.6	0.00478	0.00679	0.0000599	0.000244	0.000141	0.0879	0.00000198	0.000172	0.000266	0.00114	6.07E-14
2039 Nov	0.0167	0.00000479	1.32	6.22	0.023	0.000742	21.6	0.00478	0.0068	0.0000599	0.000244	0.000141	0.0879	0.00000198	0.000172	0.000266	0.00114	6.07E-14
2039 Dec	0.0167	0.00000479	1.32	6.22	0.023	0.000742	21.6	0.00478	0.0068	0.0000599	0.000244	0.000141	0.0879	0.00000198	0.000172	0.000266	0.00114	6.07E-14
2040 Jan	0.0167	0.00000479	1.32	6.22	0.023	0.000742	21.6	0.00478	0.0068	0.0000599	0.000244	0.000141	0.0879	0.00000198	0.000172	0.000266	0.00114	6.07E-14
2040 Feb	0.0167	0.00000479	1.32	6.22	0.023	0.000742	21.6	0.00478	0.0068	0.00006	0.000244	0.000141	0.0879	0.00000198	0.000172	0.000266	0.00114	6.07E-14
2040 Mar	0.0167	0.00000479	1.32	6.22	0.023	0.000742	21.6	0.00478	0.0068	0.00006	0.000244	0.000141	0.0879	0.00000198	0.000172	0.000266	0.00114	6.07E-14
2040 Apr	0.0167	0.00000479	1.32	6.22	0.023	0.000742	21.6	0.00478	0.00681	0.00006	0.000244	0.000141	0.0879	0.00000198	0.000172	0.000266	0.00114	6.07E-14
2040 May	0.0168	0.00000482	1.33	6.24	0.0232	0.000745	21.6	0.0048	0.00684	0.0000606	0.000245	0.000142	0.0883	0.00000199	0.000172	0.000267	0.00114	6.07E-14
2040 Jun	0.0176	0.00000504	1.35	6.46	0.0246	0.000772	21.9	0.00499	0.00725	0.0000674	0.000256	0.000146	0.0914	0.00000198	0.000179	0.000284	0.00116	5.74E-14
2040 Jul	0.0175	0.00000491	1.33	6.31	0.0239	0.000753	21.2	0.00486	0.00709	0.0000663	0.000249	0.000143	0.0893	0.00000198	0.000174	0.000277	0.00115	5.36E-14
2040 Aug	0.0172	0.00000476	1.32	6.14	0.0231	0.000731	20.6	0.00472	0.00693	0.0000643	0.000241	0.00014	0.0873	0.00000199	0.000169	0.000269	0.00114	5.03E-14
2040 Sep	0.0169	0.0000046	1.3	5.97	0.0224	0.000709	19.9	0.00457	0.00679	0.0000622	0.000233	0.000136	0.0854	0.00000199	0.000164	0.00026	0.00112	4.74E-14
2040 Oct	0.0168	0.00000451	1.3	5.86	0.0219	0.000695	19.6	0.00448	0.00673	0.0000616	0.000229	0.000134	0.0842	0.00000199	0.000161	0.000255	0.00112	4.61E-14
2040 Nov	0.0168	0.00000451	1.3	5.87	0.0219	0.000695	19.6	0.00448	0.00674	0.0000617	0.000229	0.000134	0.0843	0.00000199	0.000161	0.000256	0.00112	4.61E-14
2040 Dec	0.0168	0.00000451	1.3	5.87	0.0219	0.000695	19.6	0.00448	0.00674	0.0000617	0.000229	0.000134	0.0843	0.00000199	0.000161	0.000256	0.00112	4.61E-14
2041 Jan	0.0168	0.00000451	1.3	5.87	0.0219	0.000695	19.6	0.00448	0.00674	0.0000617	0.000229	0.000134	0.0843	0.00000199	0.000161	0.000256	0.00112	4.61E-14
2041 Feb	0.0168	0.00000451	1.3	5.87	0.0219	0.000695	19.6	0.00448	0.00674	0.0000617	0.000229	0.000134	0.0843	0.00000199	0.000161	0.000256	0.00112	4.61E-14
2041 Mar	0.0168	0.00000452	1.3	5.87	0.0219	0.000695	19.6	0.00448	0.00674	0.0000617	0.000229	0.000134	0.0843	0.00000199	0.000161	0.000256	0.00112	4.61E-14
2041 Apr	0.0168	0.00000452	1.3	5.87	0.0219	0.000695	19.6	0.00448	0.00674	0.0000617	0.000229	0.000134	0.0843	0.00000199	0.000161	0.000256	0.00112	4.61E-14
2041 May	0.0168	0.00000453	1.3	5.88	0.022	0.000697	19.6	0.00449	0.00675	0.0000618	0.000229	0.000135	0.0845	0.00000199	0.000161	0.000256	0.00112	4.61E-14
2041 Jun	0.0169	0.0000046	1.3	5.9	0.022	0.0007	19.5	0.00452	0.00695	0.0000616	0.000232	0.000135	0.0846	0.00000199	0.000162	0.000259	0.00113	4.43E-14
2041 Jul	0.0168	0.00000461	1.29	5.9	0.0219	0.0007	19.1	0.00453	0.00695	0.0000608	0.000232	0.000135	0.0842	0.00000198	0.000162	0.000259	0.00113	4.15E-14
2041 Aug	0.0167	0.00000448	1.28	5.74	0.0213	0.00068	18.6	0.0044	0.00684	0.0000596	0.000225	0.000132	0.0825	0.00000199	0.000157	0.000252	0.00112	3.97E-14
2041 Sep	0.0165	0.00000435	1.27	5.6	0.0207	0.000661	18.1	0.00427	0.00674	0.0000582	0.000219	0.000129	0.0809	0.00000199	0.000153	0.000245	0.00111	3.79E-14
2041 Oct	0.0164	0.00000429	1.26	5.53	0.0204	0.000652	17.9	0.00421	0.00669	0.0000578	0.000216	0.000128	0.0802	0.00000199	0.000151	0.000242	0.0011	3.7E-14
2041 Nov	0.0164	0.00000429	1.26	5.53	0.0204	0.000653	17.9	0.00421	0.0067	0.0000579	0.000216	0.000128	0.0802	0.00000199	0.000151	0.000242	0.0011	3.7E-14
2041 Dec	0.0164	0.00000429	1.26	5.53	0.0204	0.000653	17.9	0.00421	0.0067	0.0000579	0.000216	0.000128	0.0802	0.00000199	0.000151	0.000242	0.0011	3.7E-14
2042 Jan	0.0164	0.00000429	1.26	5.53	0.0204	0.000653	17.9	0.00421	0.0067	0.0000579	0.000216	0.000128	0.0802	0.00000199	0.000151	0.000242	0.0011	3.7E-14
2042 Feb	0.0164	0.00000429	1.26	5.53	0.0204	0.000653	17.9	0.00421	0.0067	0.0000579	0.000216	0.000128	0.0802	0.00000199	0.000151	0.000242	0.0011	3.7E-14
2042 Mar	0.0164	0.00000429	1.26	5.53	0.0204	0.000653	17.9	0.00421	0.0067	0.0000579	0.000216	0.000128	0.0802	0.00000199	0.000151	0.000242	0.0011	3.7E-14
2042 Apr	0.0164	0.00000429	1.26	5.54	0.0204	0.000653	17.9	0.00421	0.00671	0.0000579	0.000216	0.000128	0.0803	0.00000199	0.000151	0.000242	0.0011	3.7E-14
2042 May	0.0164	0.00000431	1.27	5.55	0.0205	0.000655	18	0.00423	0.00672	0.000058	0.000217	0.000128	0.0805	0.000002	0.000151	0.000243	0.00111	3.71E-14
2042 Jun	0.0211	0.00000489	1.27	5.26	0.0225	0.000612	16.6	0.00396	0.0109	0.0000849	0.000216	0.000123	0.0816	0.00000201	0.000143	0.000285	0.00119	3.29E-14
2042 Jul	0.0248	0.0000053	1.26	4.93	0.0239	0.000567	15.2	0.00367	0.0143	0.000107	0.000212	0.000117	0.0815	0.00000202	0.000134	0.000316	0.00124	2.89E-14
2042 Aug	0.0271	0.00000553	1.26	4.68	0.0245	0.000533	14.2	0.00345	0.0165	0.000119	0.000207	0.000112	0.0809	0.00000202	0.000127	0.000332	0.00128	2.6E-14
2042 Sep	0.028	0.00000558	1.25	4.5	0.0245	0.00051	13.6	0.0033	0.0174	0.000124	0.000201	0.000109	0.08	0.00000202	0.000122	0.000336	0.00129	2.43E-14
2042 Oct	0.0286	0.00000562	1.25	4.41	0.0245	0.000497	13.3	0.00321	0.018	0.000127	0.000199	0.000107	0.0796	0.00000202	0.000119	0.000339	0.00129	2.33E-14
2042 Nov	0.0286	0.00000563	1.25	4.41	0.0246	0.000497	13.3	0.00321	0.018	0.000128	0.000199	0.000107	0.0796	0.00000202	0.000119	0.000339	0.00129	2.33E-14
2042 Dec	0.0286	0.00000563	1.25	4.41	0.0246	0.000497	13.3	0.00321	0.018	0.000128	0.000199	0.000107	0.0796	0.00000202	0.000119	0.000339	0.00129	2.33E-14
2043 Jan	0.0286	0.00000563	1.25	4.41	0.0246	0.000497	13.3	0.00321	0.018	0.000128	0.000199	0.000107	0.0796	0.00000202	0.000119	0.000339	0.00129	2.33E-14
2043 Feb	0.0286	0.00000563	1.25	4.41	0.0246	0.000497	13.3	0.00321	0.018	0.000128	0.000199	0.000107	0.0796	0.00000202	0.000119	0.000339	0.00129	2.33E-14
2043 Mar	0.0286	0.00000563	1.25	4.41	0.0246	0.000497	13.3	0.00321	0.018	0.000128	0.000199	0.000107	0.0796	0.00000202	0.000119	0.000339	0.00129	2.33E-14
2043 Apr	0.0286	0.00000563	1.25	4.41	0.0246	0.000498	13.3	0.00321	0.018	0.000128	0.000199	0.000107	0.0797	0.00000202	0.000119	0.000339	0.00129	2.33E-14
2043 May	0.0288	0.00000566	1.25	4.41	0.0247	0.000498	13.3	0.00321	0.0182	0.000129	0.000199	0.000107	0.0799	0.00000203	0.00012	0.000341	0.0013	2.33E-14
2043 Jun	0.0352	0.00000643	1.26	4.09	0.028	0.000451	11.9	0.0029	0.0237	0.000168	0.000199	0.000102	0.0827	0.00000203	0.000111	0.000398	0.00139	1.95E-14
2043 Jul	0.0359	0.00000653	1.27	4.08	0.0285	0.000449	11.8	0.00289	0.0242	0.000172	0.000199	0.000102	0.0833	0.00000204	0.00011	0.000405	0.0014	1.92E-14
2043 Aug	0.036	0.00000656	1.28	4.1	0.0286	0.000451	11.8	0.00291	0.0243	0.000173	0.0002	0.000102	0.0836	0.00000205	0.000111	0.000407	0.00141	1.93E-14
2043 Sep	0.036	0.00000657	1.28	4.11	0.0286	0.000452	11.8	0.00291	0.0244	0.000173	0.000201	0.000102	0.0837	0.00000205	0.000111	0.000407	0.00141	1.93E-14
2043 Oct	0.036	0.00000657	1.28	4.11	0.0286	0.000452	11.8	0.00291	0.0244	0.000172	0.000201	0.000102	0.0837	0.00000205	0.000111	0.000407	0.00141	1.92E-14
2043 Nov	0.036	0.00000657	1.28	4.11	0.0286	0.000452	11.8	0.00291	0.0244	0.000172	0.0002	0.000102	0.0837	0.00000205	0.000111	0.000406	0.00141	1.92E-14

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.036	0.00000657	1.28	4.11	0.0286	0.000453	11.8	0.00291	0.0244	0.000172	0.0002	0.000102	0.0837	0.00000205	0.000111	0.000406	0.00141	1.92E-14
2044 Jan	0.036	0.00000657	1.28	4.11	0.0286	0.000453	11.8	0.00291	0.0244	0.000172	0.0002	0.000102	0.0837	0.00000205	0.000111	0.000406	0.00141	1.92E-14
2044 Feb	0.036	0.00000657	1.28	4.11	0.0286	0.000453	11.8	0.00291	0.0244	0.000172	0.0002	0.000102	0.0837	0.00000205	0.000111	0.000406	0.00141	1.92E-14
2044 Mar	0.036	0.00000657	1.28	4.11	0.0286	0.000453	11.8	0.00291	0.0244	0.000172	0.0002	0.000102	0.0837	0.00000205	0.000111	0.000407	0.00141	1.92E-14
2044 Apr	0.036	0.00000657	1.28	4.11	0.0286	0.000453	11.8	0.00291	0.0244	0.000172	0.000201	0.000102	0.0837	0.00000205	0.000111	0.000407	0.00141	1.92E-14
2044 May	0.0361	0.00000658	1.28	4.12	0.0286	0.000453	11.9	0.00291	0.0244	0.000173	0.000201	0.000102	0.0839	0.00000205	0.000111	0.000407	0.00141	1.93E-14
2044 Jun	0.0423	0.00000744	1.29	3.69	0.0311	0.000398	10.3	0.00255	0.0305	0.000205	0.000199	0.0000948	0.0858	0.00000207	0.000101	0.000461	0.00152	0.00000388
2044 Jul	0.0449	0.0000078	1.3	3.51	0.0321	0.000375	9.72	0.00239	0.033	0.000219	0.000199	0.0000917	0.0868	0.00000208	0.000096	0.000483	0.00157	0.00000679
2044 Aug	0.0452	0.00000784	1.3	3.53	0.0323	0.000377	9.78	0.00241	0.0332	0.00022	0.0002	0.0000922	0.0873	0.00000209	0.0000965	0.000486	0.00158	0.00000683
2044 Sep	0.0451	0.00000784	1.3	3.53	0.0322	0.000378	9.77	0.00241	0.0332	0.00022	0.0002	0.0000922	0.0872	0.00000209	0.0000966	0.000485	0.00157	0.00000682
2044 Oct	0.0451	0.00000783	1.3	3.53	0.0322	0.000378	9.77	0.00241	0.0331	0.000219	0.0002	0.0000922	0.0872	0.00000209	0.0000966	0.000485	0.00157	0.00000681
2044 Nov	0.0451	0.00000784	1.3	3.53	0.0322	0.000378	9.77	0.00241	0.0331	0.000219	0.0002	0.0000922	0.0872	0.00000209	0.0000967	0.000485	0.00157	0.00000681
2044 Dec	0.0451	0.00000784	1.3	3.53	0.0322	0.000378	9.77	0.00241	0.0331	0.000219	0.0002	0.0000922	0.0872	0.00000209	0.0000967	0.000485	0.00157	0.00000681
2045 Jan	0.0451	0.00000784	1.3	3.53	0.0322	0.000378	9.77	0.00241	0.0331	0.000219	0.0002	0.0000922	0.0872	0.00000209	0.0000967	0.000485	0.00157	0.00000681
2045 Feb	0.0451	0.00000784	1.3	3.53	0.0322	0.000378	9.77	0.00241	0.0331	0.00022	0.0002	0.0000922	0.0872	0.00000209	0.0000967	0.000485	0.00157	0.00000681
2045 Mar	0.0451	0.00000784	1.3	3.53	0.0322	0.000378	9.77	0.00241	0.0332	0.00022	0.0002	0.0000922	0.0872	0.00000209	0.0000967	0.000485	0.00157	0.00000681
2045 Apr	0.0451	0.00000784	1.3	3.53	0.0322	0.000378	9.77	0.00241	0.0332	0.00022	0.0002	0.0000923	0.0872	0.00000209	0.0000967	0.000485	0.00157	0.00000681
2045 May	0.0451	0.00000785	1.3	3.53	0.0323	0.000379	9.78	0.00242	0.0332	0.00022	0.0002	0.0000924	0.0873	0.00000209	0.0000968	0.000486	0.00158	0.00000682
2045 Jun	0.0465	0.00000809	1.3	3.33	0.0322	0.000357	9.36	0.00227	0.035	0.000223	0.000198	0.0000888	0.0873	0.0000021	0.0000922	0.000495	0.00161	0.0000128
2045 Jul	0.0475	0.00000828	1.31	3.18	0.0321	0.000341	9.09	0.00217	0.0364	0.000226	0.000198	0.0000863	0.0874	0.00000212	0.000089	0.000503	0.00164	0.0000178
2045 Aug	0.0477	0.00000831	1.31	3.2	0.0323	0.000342	9.12	0.00218	0.0365	0.000227	0.000199	0.0000867	0.0877	0.00000212	0.0000894	0.000505	0.00165	0.0000178
2045 Sep	0.0477	0.00000832	1.31	3.2	0.0323	0.000343	9.13	0.00219	0.0365	0.000227	0.000199	0.0000868	0.0878	0.00000212	0.0000896	0.000506	0.00165	0.0000178
2045 Oct	0.0477	0.00000832	1.31	3.21	0.0323	0.000343	9.14	0.00219	0.0365	0.000227	0.000199	0.0000868	0.0879	0.00000212	0.0000897	0.000506	0.00165	0.0000178
2045 Nov	0.0477	0.00000833	1.31	3.21	0.0323	0.000343	9.14	0.00219	0.0365	0.000227	0.000199	0.0000869	0.0879	0.00000213	0.0000897	0.000506	0.00165	0.0000178
2045 Dec	0.0477	0.00000833	1.31	3.21	0.0323	0.000343	9.14	0.00219	0.0365	0.000227	0.000199	0.0000869	0.0879	0.00000213	0.0000897	0.000506	0.00165	0.0000178
2046 Jan	0.0477	0.00000833	1.31	3.21	0.0323	0.000343	9.14	0.00219	0.0365	0.000227	0.000199	0.0000869	0.0879	0.00000213	0.0000897	0.000506	0.00165	0.0000178
2046 Feb	0.0477	0.00000833	1.31	3.21	0.0323	0.000343	9.14	0.00219	0.0365	0.000227	0.000199	0.0000869	0.0879	0.00000213	0.0000897	0.000506	0.00165	0.0000178
2046 Mar	0.0477	0.00000833	1.31	3.21	0.0323	0.000344	9.14	0.00219	0.0365	0.000227	0.000199	0.0000869	0.0879	0.00000213	0.0000897	0.000506	0.00165	0.0000178
2046 Apr	0.0478	0.00000833	1.31	3.21	0.0323	0.000344	9.15	0.00219	0.0366	0.000227	0.000199	0.0000869	0.0879	0.00000213	0.0000897	0.000506	0.00165	0.0000178
2046 May	0.0478	0.00000834	1.32	3.21	0.0324	0.000344	9.16	0.0022	0.0366	0.000227	0.000199	0.000087	0.0881	0.00000213	0.0000899	0.000507	0.00166	0.0000179
2046 Jun	0.048	0.00000849	1.31	2.96	0.0311	0.000317	8.84	0.00205	0.0378	0.000221	0.000198	0.0000825	0.0867	0.00000214	0.0000846	0.000507	0.00169	0.0000275
2046 Jul	0.0476	0.00000855	1.29	2.68	0.0295	0.000289	8.59	0.00189	0.0385	0.000212	0.000196	0.0000775	0.0849	0.00000214	0.0000789	0.000502	0.00172	0.0000394
2046 Aug	0.0478	0.00000858	1.3	2.7	0.0297	0.000291	8.63	0.0019	0.0387	0.000212	0.000197	0.0000779	0.0852	0.00000215	0.0000793	0.000504	0.00172	0.0000395
2046 Sep	0.0477	0.00000858	1.29	2.7	0.0296	0.000291	8.63	0.00191	0.0386	0.000212	0.000197	0.0000779	0.0852	0.00000214	0.0000794	0.000504	0.00172	0.0000394
2046 Oct	0.0477	0.00000857	1.29	2.7	0.0296	0.000291	8.62	0.00191	0.0386	0.000212	0.000196	0.0000779	0.0851	0.00000214	0.0000794	0.000503	0.00172	0.0000394
2046 Nov	0.0477	0.00000857	1.29	2.7	0.0296	0.000292	8.62	0.00191	0.0386	0.000212	0.000196	0.0000779	0.0851	0.00000214	0.0000794	0.000503	0.00172	0.0000394
2046 Dec	0.0477	0.00000857	1.29	2.7	0.0296	0.000292	8.62	0.00191	0.0386	0.000212	0.000196	0.0000779	0.0851	0.00000214	0.0000794	0.000503	0.00172	0.0000394
2047 Jan	0.0477	0.00000857	1.29	2.7	0.0296	0.000292	8.62	0.00191	0.0386	0.000212	0.000196	0.0000779	0.0851	0.00000214	0.0000794	0.000503	0.00172	0.0000394
2047 Feb	0.0477	0.00000857	1.29	2.7	0.0296	0.000292	8.62	0.00191	0.0386	0.000212	0.000196	0.0000779	0.0851	0.00000214	0.0000794	0.000503	0.00172	0.0000394
2047 Mar	0.0477	0.00000857	1.29	2.7	0.0296	0.000292	8.62	0.00191	0.0386	0.000212	0.000196	0.0000779	0.0851	0.00000214	0.0000794	0.000503	0.00172	0.0000394
2047 Apr	0.0477	0.00000857	1.29	2.7	0.0296	0.000292	8.63	0.00191	0.0386	0.000212	0.000197	0.0000779	0.0852	0.00000214	0.0000794	0.000503	0.00172	0.0000394
2047 May	0.0478	0.00000857	1.3	2.69	0.0297	0.00029	8.65	0.0019	0.0386	0.000213	0.000196	0.0000778	0.0854	0.00000214	0.0000791	0.000504	0.00172	0.0000409
2047 Jun	0.0483	0.00000831	1.32	2.53	0.0305	0.000269	8.96	0.0018	0.0382	0.000225	0.000189	0.0000758	0.0877	0.00000212	0.0000745	0.000508	0.00169	0.0000581
2047 Jul	0.0486	0.00000835	1.33	2.55	0.0307	0.000271	9.01	0.00181	0.0384	0.000226	0.00019	0.0000762	0.0882	0.00000213	0.0000749	0.000511	0.00169	0.0000586
2047 Aug	0.0488	0.00000838	1.33	2.56	0.0308	0.000272	9.05	0.00182	0.0385	0.000227	0.000191	0.0000766	0.0885	0.00000214	0.0000753	0.000513	0.0017	0.0000588
2047 Sep	0.0487	0.00000838	1.33	2.57	0.0308	0.000273	9.05	0.00182	0.0385	0.000227	0.000191	0.0000767	0.0886	0.00000214	0.0000754	0.000513	0.0017	0.0000588
2047 Oct	0.0487	0.00000838	1.33	2.57	0.0308	0.000273	9.05	0.00182	0.0385	0.000227	0.000191	0.0000766	0.0885	0.00000214	0.0000754	0.000512	0.0017	0.0000587
2047 Nov	0.0487	0.00000838	1.33	2.57	0.0308	0.000273	9.05	0.00182	0.0385	0.000227	0.000191	0.0000766	0.0885	0.00000214	0.0000755	0.000512	0.0017	0.0000586
2047 Dec	0.0487	0.00000838	1.33	2.57	0.0308	0.000273	9.05	0.00182	0.0385	0.000227	0.000191	0.0000766	0.0885	0.00000214	0.0000755	0.000512	0.0017	0.0000586
2048 Jan	0.0487	0.00000838	1.33	2.57	0.0308	0.000273	9.05	0.00182	0.0385	0.000227	0.000191	0.0000766	0.0885	0.00000214	0.0000755	0.000512	0.0017	0.0000586
2048 Feb	0.0487	0.00000838	1.33	2.57	0.0308	0.000273	9.05	0.00182	0.0385	0.000227	0.000191	0.0000766	0.0885	0.00000214	0.0000755	0.000512	0.0017	0.0000586
2048 Mar	0.0487	0.00000838	1.33	2.57	0.0308	0.000273	9.05	0.00182	0.0385	0.000227	0.000191	0.0000766	0.0885	0.00000214	0.0000755	0.000512	0.0017	0.0000586
2048 Apr	0.0487	0.00000838	1.33	2.57	0.0308	0.000274	9.05	0.00182	0.0385	0.000227	0.000191	0.0000767	0.0885	0.00000214	0.0000755	0.000512	0.0017	0.0000587
2048 May	0.0488	0.00000839	1.34	2.57	0.0308	0.000274	9.06	0.00183	0.0386	0.000227	0.000191	0.0000768	0.0887	0.00000214	0.0000756	0.000513	0.0017	0.0000588
2048 Jun	0.0479	0.00000821	1.34	2.46	0.03	0.000262	9.27	0.00178	0.0379	0.000222	0.000188	0.000075	0.0884	0.00000213	0.0000733	0.000505	0.00168	0.0000691
2048 Jul	0.0468	0.00000799	1.34	2.34	0.0291	0.000252	9.51	0.00173	0.037	0.000216	0.000184	0.0000732	0.0879	0.00000212	0.0000711	0.000494	0.00166	0.0000797
2048 Aug	0.0469	0.00000801	1.34	2.35	0.0291	0.000253	9.54	0.00174	0.0371	0.000216	0.000184	0.0000734	0.0881	0.00000213	0.0000714	0.000495	0.00167	0.0000799
2048 Sep	0.0468	0.00000801	1.34	2.36	0.0291	0.000254	9.55	0.00174	0.0371	0.000216	0.000185	0.0000735	0.0882	0.00000213	0.0000716	0.000495	0.00167	0.0000798
2048 Oct	0.0468	0.00000801	1.34	2.36	0.0291	0.000254	9.54	0.00174	0.0371	0.000216	0.000184	0.0000735	0.0881	0.00000213	0.0000716	0.000494	0.00166	0.0000797
2048 Nov	0.0468	0.00000801	1.34	2.36	0.0291	0.000254	9.54	0.00174	0.0371	0.000216	0.000185	0.0000735	0.0881	0.00000213	0.0000716	0.000494	0.00166	0.0000797
2048 Dec	0.0468	0.00000801	1.34	2.36	0.0291	0.000254	9.54	0.00174	0.0371	0.000216	0.000185	0.0000735	0.0881	0.00000213	0.0000716	0.000494	0.00167	0.0000797
2049 Jan	0.0468	0.00000801	1.34	2.36	0.0291	0.000254	9.54	0.00174	0.0371	0.000216	0.000185	0.0000735	0.0881	0.00000213	0.0000716	0.000494	0.00167	0.0000797
2049 Feb	0.0468	0.00000801	1.34	2.36	0.0291	0.000254	9.54	0.00174	0.0371	0.000216	0.000185	0.0000735	0.0881	0.00000213	0.0000716	0.000494	0.00167	0.0000797
2049 Mar	0.0468	0.00000801	1.34	2.36	0.0291	0.000254	9.54	0.00174	0.0371	0.000216	0.000185	0.0000735	0.0881	0.00000213	0.0000716	0.000494	0.00167	0.0000797
2049 Apr	0.0468	0.00000801	1.34	2.36	0.0291	0.000254	9.55	0.00174	0.0371	0.000216	0.000185	0.0000736	0.0882	0.00000213	0.0000717	0.000494	0.00167	0.0000798
2049 May	0.0469	0.00000802	1.34	2.36	0.0292	0.000255	9.56	0.00175	0.0371	0.000216	0.000185	0.0000737	0.0883	0.00000213	0.0000718	0.000495	0.00167	0.0000799
2049 Jun	0.0443	0.00000771	1.32	2.23	0.0269	0.000246	9.79	0.00171	0.0356	0.000197	0.00018	0.0000711	0.0859	0.00000211	0.0000699	0.000468	0.00163	0.0000896
2049 Jul	0.0425	0.00000748	1.31	2.14	0.0253	0.00024	9.99	0.00169	0.0343	0.000184	0.000176	0.0000695	0.0843	0.00000209	0.0000688	0.000448	0.0016	0.0000965
2049 Aug	0.0427	0.00000752	1.31	2.15	0.0254	0.000242	10	0.0017	0.0345	0.000185	0.000177	0.0000699	0.0847	0.0000021	0.0000692	0.000451	0.00161	0.000097
2049 Sep	0.0426	0.00000752	1.31	2.16	0.0254	0.000243	10	0.0017	0.0345	0.000184	0.000177	0.00007	0.0847	0.0000021	0.0000694	0.00045	0.00161	0.0000969
2049 Oct	0.0426	0.00000752	1.31	2.16	0.0254	0.000243	10	0.0017	0.0345	0.000184	0.000177	0.00007	0.0847	0.0000021	0.0000694	0.00045	0.00161	0.0000968
2049 Nov	0.0426	0.00000752	1.31	2.16	0.0254	0.000243	10	0.0017	0.0345	0.000184	0.000177	0.00007	0.0847	0.0000021	0.0000695	0.00045	0.00161	0.0000967
2049 Dec	0.0426	0.00000752	1.31	2.16	0.0254	0.000243	10	0.0017	0.0345	0.000184	0.000177	0.00007	0.0847	0.0000021	0.0000695	0.00045	0.00161	0.0000967
2050 Jan	0.0426	0.00000752	1.31	2.16	0.0254	0.000243	10	0.0017	0.0345	0.000184	0.000177	0.00007	0.0847	0.0000021	0.0000695	0.00045	0.00161	0.0000967
2050 Feb	0.0426	0.00000752	1.31	2.16	0.0254	0.000243	10	0.0017	0.0345	0.000184	0.000177	0.00007	0.0847	0.0000021	0.0000695	0.00045	0.00161	0.0000967
2050 Mar	0.0426	0.00000752	1.31	2.16	0.0254	0.000243	10	0.0017	0.0345	0.000184	0.000177	0.00007	0.0847	0.0000021	0.0000695	0.00045	0.00161	0.0000967
2050 Apr	0.0426	0.00000752	1.31	2.16	0.0254	0.000243	10	0.0017	0.0345	0.000184	0.000177	0.00007	0.0847	0.0000021	0.0000695	0.00045	0.00161	0.0000968

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.0427	0.00000753	1.32	2.17	0.0254	0.000244	10.1	0.0017	0.0345	0.000184	0.000177	0.0000701	0.0848	0.0000021	0.0000696	0.000451	0.00161	0.0000969
2050 Jun	0.0415	0.00000741	1.31	2.11	0.0243	0.000241	10.1	0.00169	0.0339	0.000175	0.000175	0.000069	0.0836	0.0000021	0.0000692	0.000438	0.0016	0.0001
2050 Jul	0.0402	0.00000726	1.3	2.06	0.0231	0.000239	10.2	0.00168	0.0331	0.000165	0.000173	0.0000679	0.0823	0.00000209	0.0000688	0.000424	0.00158	0.000104
2050 Aug	0.0403	0.00000729	1.3	2.07	0.0232	0.00024	10.3	0.00169	0.0332	0.000165	0.000174	0.0000682	0.0826	0.00000209	0.0000691	0.000425	0.00158	0.000104
2050 Sep	0.0403	0.00000729	1.3	2.07	0.0232	0.000241	10.3	0.00169	0.0332	0.000165	0.000174	0.0000683	0.0827	0.00000209	0.0000693	0.000426	0.00159	0.000104
2050 Oct	0.0403	0.0000073	1.3	2.07	0.0232	0.000241	10.3	0.00169	0.0332	0.000165	0.000174	0.0000683	0.0828	0.0000021	0.0000694	0.000426	0.00159	0.000104
2050 Nov	0.0404	0.0000073	1.3	2.07	0.0232	0.000241	10.3	0.0017	0.0333	0.000165	0.000174	0.0000684	0.0828	0.0000021	0.0000694	0.000426	0.00159	0.000104
2050 Dec	0.0404	0.0000073	1.3	2.07	0.0232	0.000241	10.3	0.0017	0.0333	0.000165	0.000174	0.0000684	0.0828	0.0000021	0.0000694	0.000426	0.00159	0.000104
2051 Jan	0.0404	0.0000073	1.3	2.07	0.0232	0.000241	10.3	0.0017	0.0333	0.000165	0.000174	0.0000684	0.0828	0.0000021	0.0000694	0.000426	0.00159	0.000104
2051 Feb	0.0404	0.0000073	1.3	2.07	0.0232	0.000241	10.3	0.0017	0.0333	0.000165	0.000174	0.0000684	0.0828	0.0000021	0.0000694	0.000426	0.00159	0.000104
2051 Mar	0.0404	0.0000073	1.3	2.07	0.0232	0.000241	10.3	0.0017	0.0333	0.000165	0.000174	0.0000684	0.0828	0.0000021	0.0000694	0.000426	0.00159	0.000104
2051 Apr	0.0404	0.00000731	1.3	2.08	0.0233	0.000241	10.3	0.0017	0.0333	0.000165	0.000174	0.0000684	0.0828	0.0000021	0.0000694	0.000426	0.00159	0.000104
2051 May	0.0404	0.00000732	1.3	2.08	0.0233	0.000242	10.3	0.0017	0.0333	0.000166	0.000175	0.0000685	0.083	0.0000021	0.0000695	0.000427	0.00159	0.000105
2051 Jun	0.0399	0.0000071	1.31	2.05	0.0233	0.000236	10.5	0.00168	0.0324	0.000167	0.000172	0.0000683	0.0832	0.00000208	0.0000693	0.000422	0.00156	0.000109
2051 Jul	0.0391	0.00000695	1.31	2.02	0.023	0.000234	10.6	0.00168	0.0316	0.000164	0.00017	0.000068	0.0829	0.00000207	0.0000694	0.000416	0.00154	0.000112
2051 Aug	0.0392	0.00000696	1.31	2.03	0.023	0.000235	10.7	0.00169	0.0317	0.000165	0.00017	0.0000682	0.0831	0.00000208	0.0000697	0.000416	0.00155	0.000113
2051 Sep	0.039	0.00000694	1.31	2.03	0.0229	0.000236	10.7	0.00169	0.0315	0.000164	0.00017	0.0000682	0.083	0.00000207	0.0000699	0.000414	0.00154	0.000113
2051 Oct	0.0381	0.00000679	1.3	2.01	0.0222	0.000239	10.8	0.00169	0.0309	0.000157	0.000166	0.0000677	0.0825	0.00000206	0.0000701	0.000401	0.00151	0.000115
2051 Nov	0.038	0.00000678	1.3	2.01	0.0221	0.00024	10.8	0.00169	0.0308	0.000157	0.000165	0.0000676	0.0824	0.00000206	0.0000702	0.0004	0.0015	0.000115
2051 Dec	0.038	0.00000678	1.3	2.01	0.0221	0.00024	10.8	0.00169	0.0308	0.000157	0.000165	0.0000676	0.0824	0.00000206	0.0000702	0.0004	0.0015	0.000115
2052 Jan	0.038	0.00000678	1.3	2.01	0.0221	0.00024	10.8	0.00169	0.0308	0.000157	0.000165	0.0000676	0.0824	0.00000206	0.0000702	0.0004	0.0015	0.000115
2052 Feb	0.038	0.00000678	1.3	2.01	0.0221	0.00024	10.8	0.00169	0.0308	0.000157	0.000165	0.0000676	0.0824	0.00000206	0.0000702	0.0004	0.0015	0.000115
2052 Mar	0.038	0.00000678	1.3	2.01	0.0222	0.00024	10.8	0.00169	0.0308	0.000157	0.000165	0.0000676	0.0824	0.00000206	0.0000702	0.0004	0.0015	0.000115
2052 Apr	0.0381	0.00000678	1.3	2.01	0.0222	0.00024	10.8	0.00169	0.0308	0.000157	0.000165	0.0000676	0.0825	0.00000206	0.0000702	0.0004	0.00151	0.000115
2052 May	0.0381	0.00000679	1.31	2.01	0.0222	0.00024	10.8	0.00169	0.0309	0.000157	0.000165	0.0000677	0.0826	0.00000206	0.0000703	0.0004	0.00151	0.000115
2052 Jun	0.0377	0.00000668	1.31	2.01	0.022	0.000244	10.9	0.00169	0.0304	0.000155	0.000162	0.0000677	0.0827	0.00000205	0.0000708	0.000393	0.00148	0.000117
2052 Jul	0.0377	0.00000667	1.31	2.02	0.022	0.000246	11	0.0017	0.0304	0.000155	0.000162	0.0000679	0.083	0.00000205	0.0000713	0.000392	0.00148	0.000118
2052 Aug	0.0378	0.00000669	1.32	2.03	0.0221	0.000247	11	0.00171	0.0305	0.000155	0.000163	0.0000682	0.0832	0.00000206	0.0000716	0.000393	0.00148	0.000118
2052 Sep	0.0378	0.0000067	1.32	2.03	0.0221	0.000248	11	0.00171	0.0305	0.000155	0.000163	0.0000683	0.0832	0.00000206	0.0000717	0.000393	0.00148	0.000118
2052 Oct	0.0378	0.0000067	1.32	2.04	0.0221	0.000248	11	0.00171	0.0305	0.000155	0.000163	0.0000683	0.0833	0.00000206	0.0000718	0.000394	0.00148	0.000118
2052 Nov	0.0378	0.0000067	1.32	2.04	0.0221	0.000248	11	0.00171	0.0305	0.000155	0.000163	0.0000683	0.0833	0.00000206	0.0000718	0.000394	0.00148	0.000118
2052 Dec	0.0378	0.0000067	1.32	2.04	0.0221	0.000248	11	0.00171	0.0305	0.000155	0.000163	0.0000683	0.0833	0.00000206	0.0000718	0.000394	0.00148	0.000118
2053 Jan	0.0378	0.0000067	1.32	2.04	0.0221	0.000248	11	0.00171	0.0305	0.000155	0.000163	0.0000683	0.0833	0.00000206	0.0000718	0.000394	0.00148	0.000118
2053 Feb	0.0378	0.0000067	1.32	2.04	0.0221	0.000248	11	0.00172	0.0305	0.000155	0.000163	0.0000683	0.0833	0.00000206	0.0000718	0.000394	0.00148	0.000118
2053 Mar	0.0378	0.0000067	1.32	2.04	0.0221	0.000248	11	0.00172	0.0305	0.000155	0.000163	0.0000684	0.0833	0.00000206	0.0000718	0.000394	0.00148	0.000118
2053 Apr	0.0378	0.00000671	1.32	2.04	0.0221	0.000248	11	0.00172	0.0305	0.000155	0.000163	0.0000684	0.0833	0.00000206	0.0000719	0.000394	0.00149	0.000118
2053 May	0.038	0.00000671	1.32	2.05	0.0223	0.000249	11	0.00172	0.0306	0.000157	0.000163	0.0000686	0.0837	0.00000206	0.0000721	0.000395	0.00148	0.000118
2053 Jun	0.0397	0.00000664	1.36	2.13	0.0246	0.000254	11.2	0.00173	0.0306	0.000178	0.000159	0.0000709	0.0874	0.00000206	0.0000737	0.000409	0.00146	0.000119
2053 Jul	0.04	0.00000662	1.37	2.15	0.025	0.000256	11.3	0.00174	0.0306	0.000181	0.000159	0.0000715	0.0882	0.00000206	0.0000744	0.000411	0.00145	0.00012
2053 Aug	0.0401	0.00000665	1.38	2.16	0.0251	0.000258	11.4	0.00175	0.0307	0.000182	0.00016	0.0000718	0.0886	0.00000207	0.0000748	0.000413	0.00146	0.00012
2053 Sep	0.0402	0.00000667	1.38	2.17	0.0252	0.000258	11.4	0.00176	0.0308	0.000183	0.00016	0.0000721	0.0888	0.00000208	0.000075	0.000414	0.00146	0.000121
2053 Oct	0.0403	0.00000668	1.38	2.17	0.0252	0.000259	11.4	0.00176	0.0308	0.000183	0.000161	0.0000721	0.0889	0.00000208	0.0000751	0.000414	0.00146	0.000121
2053 Nov	0.0403	0.00000668	1.38	2.17	0.0252	0.000259	11.4	0.00176	0.0308	0.000183	0.000161	0.0000721	0.0889	0.00000208	0.0000751	0.000414	0.00146	0.000121
2053 Dec	0.0403	0.00000668	1.38	2.17	0.0252	0.000259	11.4	0.00176	0.0308	0.000183	0.000161	0.0000721	0.0889	0.00000208	0.0000751	0.000414	0.00146	0.000121
2054 Jan	0.0403	0.00000668	1.38	2.17	0.0252	0.000259	11.4	0.00176	0.0308	0.000183	0.000161	0.0000721	0.0889	0.00000208	0.0000751	0.000414	0.00146	0.000121
2054 Feb	0.0403	0.00000668	1.38	2.17	0.0252	0.000259	11.4	0.00176	0.0308	0.000183	0.000161	0.0000721	0.0889	0.00000208	0.0000751	0.000414	0.00146	0.000121
2054 Mar	0.0403	0.00000668	1.38	2.17	0.0252	0.000259	11.4	0.00176	0.0308	0.000183	0.000161	0.0000721	0.0889	0.00000208	0.0000751	0.000414	0.00146	0.000121
2054 Apr	0.0403	0.00000668	1.38	2.17	0.0252	0.000259	11.4	0.00176	0.0308	0.000183	0.000161	0.0000722	0.0889	0.00000208	0.0000752	0.000415	0.00146	0.000121
2054 May	0.0403	0.00000669	1.38	2.17	0.0253	0.000259	11.4	0.00177	0.0309	0.000183	0.000161	0.0000723	0.0891	0.00000208	0.0000753	0.000415	0.00147	0.000121
2054 Jun	0.041	0.0000067	1.39	2.2	0.0261	0.00026	11.5	0.00178	0.031	0.000191	0.000162	0.0000731	0.0901	0.00000208	0.0000758	0.000423	0.00147	0.00012
2054 Jul	0.0414	0.00000672	1.4	2.23	0.0267	0.000261	11.5	0.00179	0.0311	0.000195	0.000162	0.0000738	0.0909	0.00000208	0.0000764	0.000428	0.00147	0.00012
2054 Aug	0.0415	0.00000673	1.4	2.24	0.0267	0.000262	11.5	0.00179	0.0311	0.000196	0.000163	0.000074	0.0911	0.00000209	0.0000767	0.000429	0.00147	0.00012
2054 Sep	0.0415	0.00000674	1.41	2.24	0.0268	0.000263	11.5	0.0018	0.0312	0.000196	0.000163	0.0000741	0.0912	0.00000209	0.0000768	0.000429	0.00147	0.00012
2054 Oct	0.0415	0.00000674	1.41	2.25	0.0268	0.000263	11.5	0.0018	0.0312	0.000196	0.000163	0.0000742	0.0913	0.00000209	0.0000769	0.000429	0.00147	0.00012
2054 Nov	0.0416	0.00000674	1.41	2.25	0.0268	0.000264	11.5	0.0018	0.0312	0.000196	0.000163	0.0000742	0.0913	0.00000209	0.000077	0.00043	0.00147	0.00012
2054 Dec	0.0416	0.00000674	1.41	2.25	0.0268	0.000264	11.5	0.0018	0.0312	0.000196	0.000163	0.0000742	0.0913	0.00000209	0.000077	0.00043	0.00147	0.00012
2055 Jan	0.0416	0.00000674	1.41	2.25	0.0269	0.000264	11.5	0.0018	0.0312	0.000196	0.000163	0.0000742	0.0913	0.00000209	0.000077	0.00043	0.00147	0.00012
2055 Feb	0.0416	0.00000674	1.41	2.25	0.0269	0.000264	11.5	0.0018	0.0312	0.000196	0.000163	0.0000742	0.0913	0.00000209	0.000077	0.00043	0.00147	0.00012
2055 Mar	0.0416	0.00000674	1.41	2.25	0.0269	0.000264	11.5	0.0018	0.0312	0.000196	0.000163	0.0000742	0.0914	0.00000209	0.000077	0.00043	0.00147	0.00012
2055 Apr	0.0416	0.00000674	1.41	2.25	0.0269	0.000264	11.5	0.0018	0.0312	0.000196	0.000163	0.0000743	0.0914	0.00000209	0.000077	0.00043	0.00147	0.00012
2055 May	0.0416	0.00000675	1.41	2.25	0.0269	0.000264	11.6	0.0018	0.0312	0.000197	0.000163	0.0000743	0.0915	0.00000209	0.0000771	0.000431	0.00147	0.00012
2055 Jun	0.0421	0.00000681	1.41	2.24	0.0272	0.00026	11.4	0.00178	0.0315	0.0002	0.000165	0.0000744	0.0915	0.0000021	0.0000778	0.000436	0.00149	0.000118
2055 Jul	0.0418	0.00000679	1.41	2.22	0.027	0.000259	11.4	0.00178	0.0314	0.000198	0.000165	0.0000743	0.0911	0.0000021	0.0000784	0.000434	0.00149	0.000118
2055 Aug	0.0419	0.00000681	1.42	2.23	0.0271	0.00026	11.4	0.00179	0.0315	0.000199	0.000166	0.0000746	0.0915	0.0000021	0.0000787	0.000436	0.00149	0.000118
2055 Sep	0.0419	0.00000682	1.42	2.24	0.0271	0.000261	11.4	0.00179	0.0315	0.000199	0.000166	0.0000747	0.0915	0.00000211	0.0000789	0.000436	0.00149	0.000118
2055 Oct	0.0419	0.00000682	1.42	2.24	0.0271	0.000261	11.5	0.00179	0.0315	0.000199	0.000166	0.0000747	0.0916	0.00000211	0.000079	0.000436	0.00149	0.000118
2055 Nov	0.042	0.00000682	1.42	2.24	0.0271	0.000261	11.5	0.00179	0.0315	0.000199	0.000166	0.0000748	0.0916	0.00000211	0.000079	0.000436	0.00149	0.000118
2055 Dec	0.042	0.00000683	1.42	2.24	0.0271	0.000261	11.5	0.00179	0.0315	0.000199	0.000166	0.0000748	0.0916	0.00000211	0.000079	0.000436	0.00149	0.000118
2056 Jan	0.042	0.00000683	1.42	2.24	0.0271	0.000261	11.5	0.00179	0.0315	0.000199	0.000166	0.0000748	0.0916	0.00000211	0.000079	0.000436	0.00149	0.000118
2056 Feb	0.042	0.00000683	1.42	2.24	0.0271	0.000261	11.5	0.00179	0.0315	0.000199	0.000166	0.0000748	0.0916	0.00000211	0.000079	0.000436	0.00149	0.000118
2056 Mar	0.042	0.00000683	1.42	2.24	0.0271	0.000261	11.5	0.00179	0.0315	0.000199	0.000166	0.0000748	0.0916	0.00000211	0.000079	0.000436	0.00149	0.000118
2056 Apr	0.042	0.00000683	1.42	2.24	0.0271	0.000261	11.5	0.0018	0.0315	0.000199	0.000166	0.0000748	0.0917	0.00000211	0.0000791	0.000437	0.0015	0.000118
2056 May	0.0421	0.00000684	1.42	2.25	0.0273	0.000262	11.5	0.0018	0.0316	0.0002	0.000166	0.000075	0.092	0.00000211	0.0000793	0.000439	0.0015	0.000118
2056 Jun	0.0435	0.00000683	1.45	2.31	0.0292	0.000262	11.5	0.00181	0.0317	0.000217	0.000168	0.0000768	0.0943	0.00000211	0.0000803	0.000455	0.00149	0.000117
2056 Jul	0.0438	0.00000685	1.46	2.33	0.0295	0.000263	11.6	0.00182	0.0318	0.00022	0.000168	0.0000773	0.0949	0.00000211	0.0000809	0.000459	0.0015	0.000118
2056 Aug	0.0439	0.00000687	1.46	2.34	0.0296	0.000264	11.6	0.00183	0.0319	0.00022	0.000169	0.0000776	0.0952	0.00000212	0.0000812	0.00046	0.0015	0.000118
2056 Sep	0.044	0.00000689	1.46	2.35	0.0297	0.000265	11.6	0.00184	0.0319	0.00022	0.000169	0.0000778	0.0954	0.00000212	0.0000814	0.000461	0.00151	0.000118

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0439	0.00000688	1.46	2.35	0.0296	0.000265	11.6	0.00184	0.0319	0.00022	0.000169	0.0000778	0.0953	0.00000212	0.0000815	0.000461	0.00151	0.000118
2056 Nov	0.0439	0.00000688	1.46	2.35	0.0296	0.000266	11.6	0.00184	0.0319	0.00022	0.000169	0.0000778	0.0953	0.00000212	0.0000815	0.000461	0.00151	0.000118
2056 Dec	0.0439	0.00000688	1.46	2.35	0.0296	0.000266	11.6	0.00184	0.0319	0.00022	0.000169	0.0000778	0.0953	0.00000212	0.0000815	0.000461	0.00151	0.000118
2057 Jan	0.0439	0.00000688	1.46	2.35	0.0296	0.000266	11.6	0.00184	0.0319	0.00022	0.000169	0.0000778	0.0953	0.00000212	0.0000815	0.000461	0.00151	0.000118
2057 Feb	0.0439	0.00000688	1.46	2.35	0.0296	0.000266	11.6	0.00184	0.0319	0.00022	0.000169	0.0000778	0.0953	0.00000212	0.0000815	0.000461	0.00151	0.000118
2057 Mar	0.0439	0.00000688	1.46	2.35	0.0296	0.000266	11.6	0.00184	0.0319	0.00022	0.000169	0.0000778	0.0953	0.00000212	0.0000815	0.000461	0.00151	0.000118
2057 Apr	0.0439	0.00000689	1.46	2.35	0.0297	0.000266	11.6	0.00184	0.0319	0.00022	0.000169	0.0000778	0.0954	0.00000212	0.0000815	0.000461	0.00151	0.000118
2057 May	0.044	0.0000069	1.46	2.36	0.0297	0.000266	11.7	0.00184	0.032	0.000221	0.00017	0.000078	0.0955	0.00000213	0.0000817	0.000462	0.00151	0.000118
2057 Jun	0.0454	0.00000697	1.48	2.4	0.0313	0.000266	11.6	0.00185	0.0325	0.000235	0.000172	0.0000793	0.0974	0.00000213	0.0000826	0.000479	0.00152	0.000116
2057 Jul	0.0459	0.00000701	1.49	2.42	0.0318	0.000266	11.6	0.00186	0.0327	0.000239	0.000173	0.0000799	0.0981	0.00000214	0.0000832	0.000484	0.00153	0.000115
2057 Aug	0.0461	0.00000705	1.5	2.44	0.032	0.000268	11.7	0.00187	0.0329	0.00024	0.000174	0.0000804	0.0987	0.00000215	0.0000837	0.000487	0.00154	0.000116
2057 Sep	0.0462	0.00000706	1.5	2.45	0.032	0.000269	11.7	0.00188	0.0329	0.000241	0.000174	0.0000806	0.0989	0.00000215	0.000084	0.000488	0.00154	0.000116
2057 Oct	0.0462	0.00000706	1.5	2.45	0.032	0.000269	11.7	0.00188	0.0329	0.000241	0.000174	0.0000807	0.0989	0.00000215	0.0000841	0.000488	0.00154	0.000116
2057 Nov	0.0462	0.00000707	1.5	2.45	0.0321	0.00027	11.7	0.00188	0.0329	0.000241	0.000174	0.0000807	0.0989	0.00000215	0.0000841	0.000488	0.00154	0.000116
2057 Dec	0.0462	0.00000707	1.5	2.45	0.0321	0.00027	11.7	0.00188	0.0329	0.000241	0.000174	0.0000807	0.0989	0.00000215	0.0000841	0.000488	0.00154	0.000116
2058 Jan	0.0462	0.00000707	1.5	2.45	0.0321	0.00027	11.7	0.00188	0.0329	0.000241	0.000174	0.0000807	0.0989	0.00000215	0.0000841	0.000488	0.00154	0.000116
2058 Feb	0.0462	0.00000707	1.5	2.45	0.0321	0.00027	11.7	0.00188	0.0329	0.000241	0.000174	0.0000807	0.0989	0.00000215	0.0000841	0.000488	0.00154	0.000116
2058 Mar	0.0462	0.00000707	1.5	2.45	0.0321	0.00027	11.7	0.00188	0.0329	0.000241	0.000174	0.0000807	0.0989	0.00000215	0.0000841	0.000488	0.00154	0.000116
2058 Apr	0.0462	0.00000707	1.5	2.45	0.0321	0.00027	11.7	0.00188	0.0329	0.000241	0.000174	0.0000807	0.099	0.00000215	0.0000841	0.000488	0.00154	0.000116
2058 May	0.0468	0.0000071	1.51	2.47	0.0326	0.00027	11.8	0.00188	0.0332	0.000246	0.000175	0.0000813	0.0998	0.00000216	0.0000844	0.000494	0.00154	0.000116
2058 Jun	0.0515	0.00000724	1.58	2.65	0.0383	0.00027	11.8	0.00191	0.0345	0.000297	0.00018	0.0000861	0.107	0.00000217	0.0000867	0.000551	0.00156	0.000112
2058 Jul	0.0521	0.00000723	1.59	2.68	0.0391	0.000271	11.8	0.00192	0.0345	0.000304	0.00018	0.000087	0.108	0.00000217	0.0000874	0.000558	0.00156	0.000112
2058 Aug	0.0523	0.00000726	1.6	2.69	0.0392	0.000272	11.9	0.00193	0.0347	0.000305	0.000181	0.0000874	0.108	0.00000218	0.0000878	0.00056	0.00157	0.000112
2058 Sep	0.0523	0.00000727	1.6	2.7	0.0392	0.000273	11.9	0.00193	0.0347	0.000305	0.000181	0.0000875	0.108	0.00000218	0.000088	0.00056	0.00157	0.000112
2058 Oct	0.0523	0.00000727	1.6	2.7	0.0392	0.000273	11.9	0.00194	0.0347	0.000305	0.000181	0.0000875	0.108	0.00000218	0.0000881	0.00056	0.00157	0.000112
2058 Nov	0.0523	0.00000727	1.6	2.7	0.0393	0.000274	11.9	0.00194	0.0347	0.000305	0.000181	0.0000875	0.108	0.00000218	0.0000881	0.00056	0.00157	0.000112
2058 Dec	0.0523	0.00000727	1.6	2.7	0.0393	0.000274	11.9	0.00194	0.0347	0.000305	0.000181	0.0000875	0.108	0.00000218	0.0000881	0.00056	0.00157	0.000112
2059 Jan	0.0523	0.00000727	1.6	2.7	0.0393	0.000274	11.9	0.00194	0.0347	0.000305	0.000181	0.0000875	0.108	0.00000218	0.0000881	0.00056	0.00157	0.000112
2059 Feb	0.0523	0.00000727	1.6	2.7	0.0393	0.000274	11.9	0.00194	0.0347	0.000305	0.000181	0.0000875	0.108	0.00000218	0.0000881	0.00056	0.00157	0.000112
2059 Mar	0.0523	0.00000727	1.6	2.7	0.0393	0.000274	11.9	0.00194	0.0347	0.000305	0.000181	0.0000875	0.108	0.00000218	0.0000881	0.00056	0.00157	0.000112
2059 Apr	0.0523	0.00000727	1.6	2.7	0.0393	0.000274	11.9	0.00194	0.0347	0.000305	0.000181	0.0000876	0.108	0.00000218	0.0000881	0.00056	0.00157	0.000112
2059 May	0.0524	0.00000728	1.6	2.71	0.0394	0.000274	11.9	0.00194	0.0347	0.000306	0.000182	0.0000877	0.109	0.00000218	0.0000882	0.000561	0.00157	0.000112
2059 Jun	0.053	0.00000729	1.62	2.74	0.0402	0.000275	11.9	0.00195	0.0349	0.000313	0.000182	0.0000886	0.11	0.00000218	0.0000889	0.000569	0.00157	0.000112
2059 Jul	0.0534	0.00000734	1.63	2.76	0.0405	0.000277	12	0.00197	0.0351	0.000315	0.000183	0.0000892	0.11	0.0000022	0.0000895	0.000573	0.00158	0.000112
2059 Aug	0.0536	0.00000737	1.63	2.78	0.0407	0.000279	12.1	0.00198	0.0352	0.000316	0.000184	0.0000896	0.111	0.00000221	0.00009	0.000575	0.00159	0.000113
2059 Sep	0.0536	0.00000738	1.64	2.78	0.0407	0.00028	12.1	0.00198	0.0353	0.000316	0.000185	0.0000898	0.111	0.00000221	0.0000902	0.000576	0.00159	0.000113
2059 Oct	0.0534	0.00000736	1.63	2.78	0.0405	0.00028	12.1	0.00198	0.0352	0.000315	0.000184	0.0000896	0.111	0.0000022	0.0000901	0.000573	0.00158	0.000112
2059 Nov	0.0534	0.00000736	1.63	2.78	0.0405	0.00028	12.1	0.00198	0.0352	0.000315	0.000184	0.0000895	0.111	0.0000022	0.0000901	0.000573	0.00158	0.000112
2059 Dec	0.0534	0.00000736	1.63	2.78	0.0405	0.00028	12.1	0.00198	0.0352	0.000315	0.000184	0.0000895	0.111	0.0000022	0.0000901	0.000573	0.00158	0.000112
2060 Jan	0.0534	0.00000736	1.63	2.78	0.0405	0.00028	12.1	0.00198	0.0352	0.000315	0.000184	0.0000895	0.111	0.0000022	0.0000901	0.000573	0.00158	0.000112
2060 Feb	0.0534	0.00000736	1.63	2.78	0.0405	0.00028	12.1	0.00198	0.0352	0.000315	0.000184	0.0000895	0.111	0.0000022	0.0000901	0.000573	0.00158	0.000112
2060 Mar	0.0534	0.00000736	1.63	2.78	0.0405	0.00028	12.1	0.00198	0.0352	0.000315	0.000184	0.0000895	0.111	0.0000022	0.0000901	0.000573	0.00158	0.000112
2060 Apr	0.0534	0.00000737	1.63	2.78	0.0405	0.00028	12.1	0.00198	0.0352	0.000315	0.000184	0.0000896	0.111	0.0000022	0.0000901	0.000574	0.00158	0.000112
2060 May	0.0538	0.00000739	1.64	2.8	0.0409	0.000281	12.1	0.00199	0.0353	0.000318	0.000185	0.00009	0.111	0.0000022	0.0000904	0.000578	0.00159	0.000112
2060 Jun	0.0571	0.00000756	1.68	2.92	0.0444	0.000287	12.1	0.002	0.0367	0.000349	0.000187	0.000093	0.116	0.00000222	0.0000923	0.000613	0.0016	0.000109
2060 Jul	0.0578	0.00000762	1.7	2.95	0.0451	0.000289	12.1	0.00202	0.037	0.000354	0.000188	0.0000939	0.117	0.00000224	0.000093	0.00062	0.00161	0.000109
2060 Aug	0.0579	0.00000764	1.7	2.96	0.0452	0.000291	12.2	0.00203	0.0371	0.000355	0.000188	0.0000942	0.118	0.00000224	0.0000934	0.000621	0.00162	0.000109
2060 Sep	0.0578	0.00000763	1.7	2.96	0.0451	0.000291	12.1	0.00203	0.037	0.000354	0.000188	0.0000941	0.117	0.00000223	0.0000934	0.000619	0.00161	0.000109
2060 Oct	0.0578	0.00000764	1.7	2.97	0.0451	0.000292	12.1	0.00203	0.0371	0.000354	0.000188	0.0000942	0.117	0.00000223	0.0000936	0.00062	0.00161	0.000109
2060 Nov	0.0579	0.00000764	1.7	2.97	0.0452	0.000293	12.1	0.00203	0.0371	0.000355	0.000188	0.0000943	0.118	0.00000223	0.0000936	0.00062	0.00161	0.000108
2060 Dec	0.0579	0.00000764	1.7	2.97	0.0452	0.000293	12.1	0.00203	0.0371	0.000355	0.000188	0.0000943	0.118	0.00000223	0.0000937	0.00062	0.00161	0.000108
2061 Jan	0.0579	0.00000764	1.7	2.97	0.0452	0.000293	12.1	0.00203	0.0371	0.000355	0.000188	0.0000943	0.118	0.00000223	0.0000937	0.00062	0.00161	0.000108
2061 Feb	0.0579	0.00000764	1.7	2.97	0.0452	0.000293	12.1	0.00203	0.0371	0.000355	0.000188	0.0000943	0.118	0.00000223	0.0000937	0.00062	0.00161	0.000108
2061 Mar	0.0579	0.00000764	1.7	2.97	0.0452	0.000293	12.1	0.00203	0.0371	0.000355	0.000188	0.0000943	0.118	0.00000223	0.0000937	0.00062	0.00161	0.000108
2061 Apr	0.0579	0.00000764	1.7	2.97	0.0452	0.000293	12.2	0.00203	0.0371	0.000355	0.000188	0.0000943	0.118	0.00000224	0.0000937	0.00062	0.00161	0.000109
2061 May	0.0589	0.0000077	1.72	3.01	0.0462	0.000295	12.1	0.00203	0.0376	0.000364	0.000188	0.0000952	0.119	0.00000224	0.0000943	0.00063	0.00161	0.000107
2061 Jun	0.0606	0.00000763	1.75	3.08	0.0487	0.000302	12.1	0.00203	0.0376	0.000386	0.000184	0.0000974	0.122	0.00000222	0.0000965	0.000644	0.00158	0.000105
2061 Jul	0.0608	0.00000764	1.76	3.1	0.049	0.000304	12.2	0.00204	0.0377	0.000388	0.000184	0.0000979	0.123	0.00000223	0.0000973	0.000646	0.00158	0.000105
2061 Aug	0.0611	0.00000767	1.77	3.11	0.0492	0.000305	12.3	0.00205	0.0378	0.000389	0.000185	0.0000984	0.124	0.00000224	0.0000978	0.000649	0.00159	0.000106
2061 Sep	0.0611	0.00000768	1.77	3.12	0.0492	0.000306	12.3	0.00206	0.0379	0.00039	0.000185	0.0000986	0.124	0.00000224	0.000098	0.00065	0.00159	0.000106
2061 Oct	0.061	0.00000767	1.77	3.12	0.0491	0.000306	12.3	0.00206	0.0378	0.000389	0.000185	0.0000984	0.123	0.00000224	0.0000979	0.000648	0.00159	0.000106
2061 Nov	0.0609	0.00000767	1.77	3.12	0.0491	0.000307	12.3	0.00206	0.0378	0.000388	0.000185	0.0000984	0.123	0.00000224	0.0000979	0.000648	0.00159	0.000106
2061 Dec	0.0609	0.00000767	1.77	3.12	0.0491	0.000307	12.3	0.00206	0.0378	0.000388	0.000185	0.0000984	0.123	0.00000224	0.0000979	0.000648	0.00159	0.000106
2062 Jan	0.0609	0.00000767	1.77	3.12	0.0491	0.000307	12.3	0.00206	0.0378	0.000388	0.000185	0.0000984	0.123	0.00000224	0.0000979	0.000648	0.00159	0.000106
2062 Feb	0.0609	0.00000767	1.77	3.12	0.0491	0.000307	12.3	0.00206	0.0378	0.000388	0.000185	0.0000984	0.123	0.00000224	0.0000979	0.000648	0.00159	0.000106
2062 Mar	0.0609	0.00000767	1.77	3.12	0.0491	0.000307	12.3	0.00206	0.0378	0.000388	0.000185	0.0000984	0.123	0.00000224	0.0000979	0.000648	0.00159	0.000106
2062 Apr	0.061	0.00000767	1.77	3.12	0.0491	0.000307	12.3	0.00206	0.0378	0.000388	0.000185	0.0000984	0.123	0.00000224	0.000098	0.000648	0.00159	0.000106
2062 May	0.061	0.00000768	1.77	3.12	0.0492	0.000307	12.3	0.00206	0.0378	0.000389	0.000185	0.0000985	0.124	0.00000224	0.0000981	0.000649	0.00159	0.000106
2062 Jun	0.0595	0.00000765	1.75	3.05	0.0473	0.000307	12.1	0.00204	0.0375	0.000372	0.000184	0.0000969	0.121	0.00000223	0.0000987	0.000631	0.00158	0.000105
2062 Jul	0.058	0.0000076	1.73	2.99	0.0456	0.000308	12.1	0.00203	0.0371	0.000356	0.000183	0.0000955	0.119	0.00000223	0.0000994	0.000615	0.00158	0.000104
2062 Aug	0.0581	0.00000762	1.73	3	0.0457	0.000309	12.1	0.00204	0.0371	0.000357	0.000184	0.0000958	0.119	0.00000223	0.0000998	0.000616	0.00158	0.000105
2062 Sep	0.0579	0.00000761	1.73	3	0.0456	0.00031	12.1	0.00204	0.037	0.000355	0.000184	0.0000957	0.119	0.00000223	0.0000999	0.000614	0.00158	0.000104
2062 Oct	0.0536	0.00000732	1.68	2.85	0.0413	0.000314	12	0.002	0.0353	0.000316	0.000175	0.0000919	0.113	0.00000218	0.000101	0.000563	0.00152	0.000105
2062 Nov	0.0535	0.0000073	1.67	2.85	0.0411	0.000314	12	0.002	0.0352	0.000314	0.000175	0.0000918	0.113	0.00000218	0.000101	0.000561	0.00152	0.000106
2062 Dec	0.0535	0.0000073	1.67	2.85	0.0411	0.000314	12	0.002	0.0352	0.000314	0.000175	0.0000918	0.113	0.00000218	0.000101	0.000561	0.00152	0.000106
2063 Jan	0.0535	0.0000073	1.67	2.85	0.0411	0.000314	12	0.002	0.0352	0.000314	0.000175	0.0000918	0.113	0.00000218	0.000101	0.00056	0.00152	0.000106
2063 Feb	0.0535	0.0000073	1.67	2.85	0.0411	0.000314	12	0.002	0.0352	0.000314	0.000175	0.0000918	0.113	0.00000218	0.000101	0.00056	0.00152	0.000106

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0535	0.0000073	1.67	2.85	0.0411	0.000314	12	0.002	0.0352	0.000314	0.000175	0.0000918	0.113	0.00000218	0.000101	0.00056	0.00152	0.000106
2063 Apr	0.0535	0.00000731	1.67	2.85	0.0411	0.000314	12	0.002	0.0352	0.000314	0.000175	0.0000918	0.113	0.00000218	0.000101	0.000561	0.00152	0.000106
2063 May	0.0533	0.00000729	1.67	2.84	0.0409	0.000316	12	0.002	0.0351	0.000313	0.000174	0.0000917	0.113	0.00000218	0.000101	0.000558	0.00151	0.000106
2063 Jun	0.0484	0.0000067	1.63	2.72	0.0373	0.00032	12	0.00198	0.0319	0.000279	0.000164	0.0000891	0.108	0.00000209	0.000105	0.000506	0.0014	0.000107
2063 Jul	0.047	0.00000656	1.62	2.69	0.0363	0.000321	12	0.00199	0.031	0.00027	0.000163	0.0000886	0.107	0.00000207	0.000107	0.000492	0.00138	0.000108
2063 Aug	0.0473	0.00000659	1.63	2.71	0.0364	0.000322	12.1	0.002	0.0311	0.000271	0.000164	0.0000891	0.107	0.00000208	0.000107	0.000495	0.00139	0.000109
2063 Sep	0.0473	0.0000066	1.63	2.71	0.0365	0.000323	12.1	0.002	0.0312	0.000271	0.000164	0.0000892	0.107	0.00000208	0.000107	0.000495	0.00139	0.000109
2063 Oct	0.0472	0.00000659	1.63	2.71	0.0364	0.000324	12.1	0.002	0.0311	0.000271	0.000164	0.0000892	0.107	0.00000208	0.000107	0.000494	0.00139	0.000109
2063 Nov	0.0472	0.00000659	1.63	2.71	0.0364	0.000324	12.1	0.002	0.0311	0.000271	0.000164	0.0000892	0.107	0.00000208	0.000107	0.000494	0.00139	0.000109
2063 Dec	0.0472	0.00000659	1.63	2.71	0.0364	0.000324	12.1	0.00201	0.0311	0.000271	0.000164	0.0000892	0.107	0.00000208	0.000107	0.000494	0.00139	0.000109
2064 Jan	0.0472	0.00000659	1.63	2.71	0.0364	0.000324	12.1	0.00201	0.0311	0.000271	0.000164	0.0000892	0.107	0.00000208	0.000107	0.000494	0.00139	0.000109
2064 Feb	0.0472	0.00000659	1.63	2.71	0.0364	0.000324	12.1	0.00201	0.0311	0.000271	0.000164	0.0000892	0.107	0.00000208	0.000108	0.000494	0.00139	0.000109
2064 Mar	0.0472	0.0000066	1.63	2.71	0.0364	0.000324	12.1	0.00201	0.0311	0.000271	0.000164	0.0000892	0.107	0.00000208	0.000108	0.000494	0.00139	0.000109
2064 Apr	0.0473	0.0000066	1.63	2.72	0.0365	0.000324	12.1	0.00201	0.0312	0.000271	0.000164	0.0000892	0.107	0.00000208	0.000108	0.000495	0.00139	0.000109
2064 May	0.0475	0.00000659	1.63	2.73	0.0368	0.000325	12.1	0.00201	0.0311	0.000273	0.000165	0.0000897	0.108	0.00000208	0.000108	0.000497	0.00139	0.000109
2064 Jun	0.0478	0.00000641	1.66	2.8	0.0384	0.000328	12.3	0.00205	0.0302	0.000287	0.000165	0.0000922	0.11	0.00000206	0.000113	0.000506	0.00136	0.000109
2064 Jul	0.0479	0.00000642	1.67	2.81	0.0386	0.00033	12.3	0.00206	0.0303	0.000288	0.000166	0.0000926	0.11	0.00000206	0.000113	0.000508	0.00136	0.000109
2064 Aug	0.048	0.00000644	1.67	2.82	0.0387	0.000331	12.3	0.00207	0.0303	0.000288	0.000166	0.0000929	0.111	0.00000207	0.000114	0.000509	0.00137	0.00011
2064 Sep	0.0479	0.00000644	1.67	2.83	0.0386	0.000332	12.3	0.00208	0.0303	0.000288	0.000166	0.0000929	0.111	0.00000207	0.000114	0.000508	0.00136	0.000109
2064 Oct	0.048	0.00000644	1.67	2.83	0.0386	0.000332	12.3	0.00208	0.0303	0.000288	0.000166	0.000093	0.111	0.00000207	0.000114	0.000509	0.00136	0.000109
2064 Nov	0.048	0.00000645	1.67	2.83	0.0387	0.000332	12.4	0.00208	0.0303	0.000288	0.000166	0.000093	0.111	0.00000207	0.000114	0.000509	0.00136	0.000109
2064 Dec	0.048	0.00000645	1.67	2.83	0.0387	0.000332	12.4	0.00208	0.0303	0.000288	0.000166	0.000093	0.111	0.00000207	0.000114	0.000509	0.00137	0.000109
2065 Jan	0.048	0.00000645	1.67	2.83	0.0387	0.000332	12.4	0.00208	0.0303	0.000288	0.000166	0.000093	0.111	0.00000207	0.000114	0.000509	0.00137	0.000109
2065 Feb	0.048	0.00000645	1.67	2.83	0.0387	0.000332	12.4	0.00208	0.0303	0.000288	0.000166	0.000093	0.111	0.00000207	0.000114	0.000509	0.00137	0.000109
2065 Mar	0.048	0.00000645	1.67	2.83	0.0387	0.000332	12.4	0.00208	0.0303	0.000288	0.000166	0.000093	0.111	0.00000207	0.000114	0.000509	0.00137	0.00011
2065 Apr	0.048	0.00000645	1.67	2.83	0.0387	0.000332	12.4	0.00208	0.0303	0.000288	0.000167	0.000093	0.111	0.00000207	0.000114	0.000509	0.00137	0.00011
2065 May	0.0481	0.00000646	1.68	2.84	0.0388	0.000333	12.4	0.00208	0.0304	0.000289	0.000167	0.0000932	0.111	0.00000207	0.000114	0.00051	0.00137	0.00011
2065 Jun	0.0484	0.00000644	1.7	2.87	0.0395	0.000336	12.4	0.00211	0.0302	0.000295	0.000168	0.0000947	0.112	0.00000207	0.000117	0.000515	0.00136	0.000109
2065 Jul	0.0486	0.00000646	1.71	2.89	0.0398	0.000339	12.5	0.00212	0.0302	0.000296	0.000169	0.0000954	0.113	0.00000208	0.000118	0.000517	0.00137	0.00011
2065 Aug	0.0488	0.00000649	1.71	2.91	0.0399	0.000341	12.6	0.00214	0.0303	0.000298	0.00017	0.0000959	0.113	0.00000209	0.000119	0.000519	0.00137	0.00011
2065 Sep	0.0487	0.00000648	1.71	2.91	0.0399	0.000341	12.6	0.00214	0.0303	0.000297	0.00017	0.0000958	0.113	0.00000208	0.000119	0.000518	0.00137	0.00011
2065 Oct	0.0483	0.00000647	1.71	2.9	0.0394	0.000345	12.5	0.00214	0.0302	0.000292	0.000168	0.0000955	0.113	0.00000208	0.000119	0.000512	0.00136	0.000109
2065 Nov	0.0482	0.00000648	1.71	2.9	0.0393	0.000346	12.5	0.00214	0.0302	0.000291	0.000168	0.0000955	0.113	0.00000208	0.00012	0.00051	0.00136	0.000109
2065 Dec	0.0482	0.00000648	1.71	2.9	0.0393	0.000346	12.5	0.00214	0.0302	0.000291	0.000168	0.0000955	0.113	0.00000208	0.00012	0.00051	0.00136	0.000109
2066 Jan	0.0482	0.00000648	1.71	2.9	0.0393	0.000346	12.5	0.00214	0.0302	0.000291	0.000168	0.0000955	0.113	0.00000208	0.00012	0.00051	0.00136	0.000109
2066 Feb	0.0482	0.00000648	1.71	2.9	0.0393	0.000346	12.5	0.00214	0.0302	0.000291	0.000168	0.0000955	0.113	0.00000208	0.00012	0.00051	0.00136	0.000109
2066 Mar	0.0482	0.00000648	1.71	2.9	0.0393	0.000346	12.5	0.00214	0.0302	0.000291	0.000168	0.0000955	0.113	0.00000208	0.00012	0.000511	0.00136	0.000109
2066 Apr	0.0482	0.00000648	1.71	2.9	0.0393	0.000346	12.5	0.00214	0.0302	0.000291	0.000168	0.0000956	0.113	0.00000208	0.00012	0.000511	0.00136	0.00011
2066 May	0.0483	0.00000649	1.71	2.91	0.0393	0.000347	12.5	0.00214	0.0303	0.000291	0.000168	0.0000957	0.113	0.00000208	0.00012	0.000511	0.00136	0.00011
2066 Jun	0.0465	0.00000653	1.69	2.83	0.037	0.000353	12.3	0.00213	0.0302	0.000269	0.000168	0.0000941	0.11	0.00000208	0.000123	0.00049	0.00136	0.000107
2066 Jul	0.0461	0.00000655	1.7	2.83	0.0365	0.000357	12.3	0.00214	0.0302	0.000264	0.000169	0.0000943	0.11	0.00000209	0.000125	0.000486	0.00137	0.000107
2066 Aug	0.0463	0.00000658	1.71	2.85	0.0367	0.000359	12.4	0.00215	0.0303	0.000265	0.000169	0.0000947	0.11	0.0000021	0.000126	0.000488	0.00137	0.000108
2066 Sep	0.0463	0.00000658	1.71	2.85	0.0367	0.00036	12.4	0.00216	0.0303	0.000265	0.00017	0.0000948	0.11	0.0000021	0.000126	0.000488	0.00137	0.000108
2066 Oct	0.0462	0.00000658	1.7	2.85	0.0367	0.00036	12.4	0.00216	0.0303	0.000264	0.000169	0.0000948	0.11	0.0000021	0.000126	0.000487	0.00137	0.000108
2066 Nov	0.0462	0.00000658	1.7	2.85	0.0367	0.00036	12.4	0.00216	0.0303	0.000264	0.000169	0.0000948	0.11	0.0000021	0.000126	0.000487	0.00137	0.000108
2066 Dec	0.0462	0.00000658	1.7	2.85	0.0367	0.00036	12.4	0.00216	0.0303	0.000264	0.000169	0.0000948	0.11	0.0000021	0.000126	0.000487	0.00137	0.000108
2067 Jan	0.0462	0.00000658	1.7	2.85	0.0367	0.00036	12.4	0.00216	0.0303	0.000264	0.000169	0.0000948	0.11	0.0000021	0.000126	0.000487	0.00137	0.000108
2067 Feb	0.0462	0.00000658	1.7	2.85	0.0367	0.00036	12.4	0.00216	0.0303	0.000264	0.000169	0.0000948	0.11	0.0000021	0.000126	0.000487	0.00137	0.000108
2067 Mar	0.0462	0.00000658	1.7	2.85	0.0367	0.00036	12.4	0.00216	0.0303	0.000264	0.00017	0.0000948	0.11	0.0000021	0.000126	0.000487	0.00137	0.000108
2067 Apr	0.0462	0.00000658	1.7	2.85	0.0367	0.00036	12.4	0.00216	0.0303	0.000264	0.00017	0.0000948	0.11	0.0000021	0.000126	0.000487	0.00137	0.000108
2067 May	0.0463	0.00000659	1.71	2.86	0.0368	0.000361	12.4	0.00216	0.0304	0.000265	0.00017	0.000095	0.11	0.0000021	0.000126	0.000488	0.00138	0.000108
2067 Jun	0.0465	0.00000664	1.71	2.87	0.0369	0.000363	12.4	0.00217	0.0305	0.000265	0.000171	0.0000954	0.111	0.0000021	0.000127	0.000491	0.00138	0.000107
2067 Jul	0.0468	0.00000668	1.72	2.89	0.0371	0.000366	12.5	0.00219	0.0307	0.000267	0.000172	0.000096	0.111	0.00000212	0.000128	0.000493	0.00139	0.000107
2067 Aug	0.0469	0.0000067	1.73	2.9	0.0372	0.000367	12.5	0.0022	0.0308	0.000267	0.000173	0.0000963	0.112	0.00000212	0.000129	0.000494	0.00139	0.000108
2067 Sep	0.0469	0.00000671	1.73	2.91	0.0372	0.000368	12.5	0.0022	0.0308	0.000267	0.000173	0.0000965	0.112	0.00000212	0.000129	0.000495	0.0014	0.000108
2067 Oct	0.0468	0.00000671	1.73	2.91	0.0372	0.000368	12.5	0.0022	0.0308	0.000267	0.000173	0.0000963	0.112	0.00000212	0.000129	0.000494	0.00139	0.000107
2067 Nov	0.0468	0.00000671	1.72	2.91	0.0371	0.000368	12.5	0.0022	0.0308	0.000267	0.000173	0.0000963	0.112	0.00000212	0.000129	0.000494	0.00139	0.000107
2067 Dec	0.0468	0.00000671	1.72	2.91	0.0371	0.000368	12.5	0.0022	0.0308	0.000267	0.000173	0.0000963	0.112	0.00000212	0.000129	0.000494	0.00139	0.000107
2068 Jan	0.0468	0.00000671	1.72	2.91	0.0372	0.000368	12.5	0.0022	0.0308	0.000267	0.000173	0.0000963	0.112	0.00000212	0.000129	0.000494	0.00139	0.000107
2068 Feb	0.0468	0.00000671	1.72	2.91	0.0372	0.000368	12.5	0.0022	0.0308	0.000267	0.000173	0.0000963	0.112	0.00000212	0.000129	0.000494	0.00139	0.000107
2068 Mar	0.0468	0.00000671	1.73	2.91	0.0372	0.000369	12.5	0.0022	0.0308	0.000267	0.000173	0.0000963	0.112	0.00000212	0.000129	0.000494	0.00139	0.000107
2068 Apr	0.0469	0.00000671	1.73	2.91	0.0372	0.000369	12.5	0.0022	0.0308	0.000267	0.000173	0.0000964	0.112	0.00000212	0.000129	0.000494	0.00139	0.000107
2068 May	0.0472	0.00000676	1.73	2.93	0.0375	0.00037	12.5	0.00221	0.0311	0.000269	0.000174	0.0000968	0.112	0.00000213	0.000129	0.000498	0.0014	0.000107
2068 Jun	0.0511	0.00000706	1.78	3.04	0.0412	0.000373	12.3	0.00222	0.033	0.000302	0.000178	0.0000998	0.117	0.00000215	0.000132	0.000539	0.00144	0.0001
2068 Jul	0.0511	0.00000707	1.79	3.06	0.0413	0.000375	12.3	0.00223	0.033	0.000303	0.000179	0.0001	0.117	0.00000215	0.000133	0.00054	0.00144	0.0001
2068 Aug	0.0514	0.00000711	1.8	3.07	0.0415	0.000377	12.4	0.00224	0.0332	0.000304	0.00018	0.000101	0.118	0.00000216	0.000134	0.000543	0.00144	0.000101
2068 Sep	0.0514	0.00000711	1.8	3.08	0.0416	0.000378	12.4	0.00225	0.0332	0.000304	0.00018	0.000101	0.118	0.00000216	0.000134	0.000543	0.00145	0.000101
2068 Oct	0.0514	0.00000712	1.8	3.08	0.0416	0.000378	12.4	0.00225	0.0332	0.000304	0.00018	0.000101	0.118	0.00000216	0.000134	0.000543	0.00145	0.000101
2068 Nov	0.0514	0.00000712	1.8	3.08	0.0416	0.000378	12.4	0.00225	0.0332	0.000304	0.00018	0.000101	0.118	0.00000216	0.000134	0.000543	0.00145	0.000101
2068 Dec	0.0514	0.00000712	1.8	3.08	0.0416	0.000378	12.4	0.00225	0.0332	0.000304	0.00018	0.000101	0.118	0.00000216	0.000134	0.000543	0.00145	0.000101
2069 Jan	0.0514	0.00000712	1.8	3.08	0.0416	0.000378	12.4	0.00225	0.0332	0.000304	0.00018	0.000101	0.118	0.00000216	0.000134	0.000543	0.00145	0.000101
2069 Feb	0.0514	0.00000712	1.8	3.08	0.0416	0.000378	12.4	0.00225	0.0332	0.000304	0.00018	0.000101	0.118	0.00000216	0.000134	0.000543	0.00145	0.000101
2069 Mar	0.0514	0.00000712	1.8	3.08	0.0416	0.000378	12.4	0.00225	0.0332	0.000304	0.00018	0.000101	0.118	0.00000216	0.000134	0.000544	0.00145	0.000101
2069 Apr	0.0514	0.00000712	1.8	3.08	0.0416	0.000378	12.4	0.00225	0.0332	0.000305	0.00018	0.000101	0.118	0.00000216	0.000134	0.000544	0.00145	0.000101
2069 May	0.0515	0.00000713	1.8	3.09	0.0417	0.000379	12.4	0.00225	0.0333	0.000305	0.000181	0.000101	0.118	0.00000217	0.000134	0.000545	0.00145	0.000101
2069 Jun	0.0512	0.0000072	1.8	3.07	0.0412	0.000379	12.3	0.00225	0.0334	0.0003	0.000183	0.000101	0.117	0.00000217	0.000135	0.000543	0.00146	0.0000998
2069 Jul	0.0513	0.00000725	1.8	3.08	0.0411	0.00038	12.3	0.00226	0.0336	0.000299	0.000184	0.000101	0.117	0.00000218	0.000136	0.000544	0.00147	0.0000997

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0514	0.00000727	1.81	3.09	0.0412	0.000382	12.4	0.00228	0.0337	0.0003	0.000185	0.000102	0.118	0.00000219	0.000137	0.000545	0.00148	0.0001
2069 Sep	0.0512	0.00000727	1.81	3.09	0.041	0.000383	12.3	0.00228	0.0336	0.000298	0.000185	0.000102	0.118	0.00000219	0.000137	0.000543	0.00148	0.0000997
2069 Oct	0.0507	0.00000728	1.8	3.07	0.0403	0.000385	12.2	0.00227	0.0336	0.000291	0.000184	0.000101	0.117	0.00000218	0.000137	0.000535	0.00147	0.0000988
2069 Nov	0.0506	0.00000728	1.8	3.06	0.0401	0.000386	12.2	0.00227	0.0337	0.000289	0.000184	0.000101	0.116	0.00000218	0.000138	0.000534	0.00147	0.0000987
2069 Dec	0.0506	0.00000728	1.8	3.06	0.0401	0.000386	12.2	0.00227	0.0337	0.000289	0.000184	0.000101	0.116	0.00000218	0.000138	0.000534	0.00147	0.0000987
2070 Jan	0.0506	0.00000728	1.8	3.06	0.0401	0.000386	12.2	0.00227	0.0337	0.000289	0.000184	0.000101	0.116	0.00000218	0.000138	0.000534	0.00147	0.0000987
2070 Feb	0.0506	0.00000728	1.8	3.06	0.0401	0.000386	12.2	0.00227	0.0337	0.000289	0.000184	0.000101	0.116	0.00000218	0.000138	0.000534	0.00147	0.0000987
2070 Mar	0.0506	0.00000728	1.8	3.06	0.0401	0.000386	12.2	0.00227	0.0337	0.000289	0.000184	0.000101	0.116	0.00000218	0.000138	0.000534	0.00147	0.0000987
2070 Apr	0.0506	0.00000729	1.8	3.06	0.0401	0.000386	12.2	0.00227	0.0337	0.000289	0.000184	0.000101	0.116	0.00000218	0.000138	0.000534	0.00147	0.0000988
2070 May	0.0507	0.00000731	1.8	3.07	0.0402	0.000387	12.2	0.00227	0.0338	0.00029	0.000184	0.000101	0.117	0.00000219	0.000138	0.000535	0.00148	0.0000986
2070 Jun	0.0509	0.00000734	1.81	3.08	0.0403	0.000393	12.2	0.00227	0.034	0.00029	0.000183	0.000101	0.117	0.00000219	0.000141	0.000535	0.00147	0.0000969
2070 Jul	0.0511	0.00000737	1.82	3.1	0.0405	0.000395	12.2	0.00228	0.0341	0.000291	0.000184	0.000102	0.118	0.00000219	0.000141	0.000537	0.00148	0.0000973
2070 Aug	0.0512	0.00000739	1.82	3.11	0.0406	0.000397	12.3	0.00229	0.0342	0.000292	0.000185	0.000102	0.118	0.0000022	0.000142	0.000539	0.00148	0.0000975
2070 Sep	0.0512	0.00000739	1.82	3.11	0.0406	0.000398	12.3	0.0023	0.0342	0.000291	0.000185	0.000102	0.118	0.0000022	0.000142	0.000538	0.00148	0.0000974
2070 Oct	0.0511	0.00000739	1.82	3.11	0.0405	0.000398	12.2	0.0023	0.0342	0.00029	0.000185	0.000102	0.118	0.0000022	0.000142	0.000537	0.00148	0.0000971
2070 Nov	0.0511	0.00000739	1.82	3.11	0.0405	0.000399	12.2	0.0023	0.0342	0.00029	0.000185	0.000102	0.118	0.0000022	0.000142	0.000537	0.00148	0.0000971
2070 Dec	0.0511	0.00000739	1.82	3.11	0.0405	0.000399	12.2	0.0023	0.0342	0.00029	0.000185	0.000102	0.118	0.0000022	0.000142	0.000537	0.00148	0.0000971
2071 Jan	0.0511	0.00000739	1.82	3.11	0.0405	0.000399	12.2	0.0023	0.0342	0.00029	0.000185	0.000102	0.118	0.0000022	0.000142	0.000537	0.00148	0.0000971
2071 Feb	0.0511	0.00000739	1.82	3.11	0.0405	0.000399	12.2	0.0023	0.0342	0.00029	0.000185	0.000102	0.118	0.0000022	0.000142	0.000537	0.00148	0.0000971
2071 Mar	0.0511	0.00000739	1.82	3.11	0.0405	0.000399	12.2	0.0023	0.0342	0.00029	0.000185	0.000102	0.118	0.0000022	0.000142	0.000537	0.00148	0.0000971
2071 Apr	0.0511	0.00000739	1.82	3.11	0.0405	0.000399	12.2	0.0023	0.0342	0.00029	0.000185	0.000102	0.118	0.0000022	0.000142	0.000537	0.00148	0.0000971
2071 May	0.0512	0.0000074	1.82	3.12	0.0406	0.0004	12.2	0.0023	0.0343	0.000291	0.000185	0.000102	0.118	0.0000022	0.000143	0.000537	0.00148	0.0000969
2071 Jun	0.0514	0.00000736	1.84	3.15	0.0411	0.000408	12.2	0.00231	0.0342	0.000294	0.000183	0.000103	0.119	0.00000218	0.000146	0.000538	0.00146	0.0000956
2071 Jul	0.0513	0.00000735	1.85	3.16	0.0411	0.00041	12.3	0.00233	0.0341	0.000294	0.000184	0.000104	0.119	0.00000219	0.000148	0.000538	0.00146	0.0000959
2071 Aug	0.0515	0.00000738	1.85	3.17	0.0413	0.000412	12.3	0.00234	0.0342	0.000295	0.000185	0.000104	0.12	0.00000219	0.000148	0.00054	0.00146	0.0000963
2071 Sep	0.0514	0.00000738	1.85	3.18	0.0413	0.000413	12.3	0.00234	0.0341	0.000294	0.000185	0.000104	0.12	0.00000219	0.000148	0.000539	0.00146	0.0000961
2071 Oct	0.0513	0.00000737	1.85	3.18	0.0412	0.000413	12.3	0.00234	0.0341	0.000294	0.000185	0.000104	0.12	0.00000219	0.000148	0.000538	0.00146	0.0000959
2071 Nov	0.0513	0.00000737	1.85	3.18	0.0412	0.000413	12.3	0.00234	0.0341	0.000294	0.000184	0.000104	0.12	0.00000219	0.000148	0.000538	0.00146	0.0000959
2071 Dec	0.0513	0.00000737	1.85	3.18	0.0412	0.000413	12.3	0.00234	0.0341	0.000294	0.000184	0.000104	0.12	0.00000219	0.000148	0.000538	0.00146	0.0000959
2072 Jan	0.0513	0.00000737	1.85	3.18	0.0412	0.000413	12.3	0.00234	0.0341	0.000294	0.000184	0.000104	0.12	0.00000219	0.000148	0.000538	0.00146	0.0000959
2072 Feb	0.0513	0.00000737	1.85	3.18	0.0412	0.000413	12.3	0.00234	0.0341	0.000294	0.000184	0.000104	0.12	0.00000219	0.000148	0.000538	0.00146	0.0000959
2072 Mar	0.0513	0.00000737	1.85	3.18	0.0412	0.000413	12.3	0.00234	0.0341	0.000294	0.000184	0.000104	0.12	0.00000219	0.000148	0.000538	0.00146	0.0000959
2072 Apr	0.0513	0.00000738	1.85	3.18	0.0412	0.000413	12.3	0.00234	0.0341	0.000294	0.000185	0.000104	0.12	0.00000219	0.000148	0.000538	0.00146	0.0000959
2072 May	0.0514	0.00000739	1.85	3.18	0.0413	0.000414	12.3	0.00235	0.0342	0.000294	0.000185	0.000104	0.12	0.00000219	0.000148	0.000539	0.00146	0.0000961
2072 Jun	0.0508	0.00000741	1.85	3.16	0.0405	0.000416	12.2	0.00235	0.0341	0.000287	0.000185	0.000104	0.119	0.00000219	0.00015	0.000533	0.00146	0.0000955
2072 Jul	0.0507	0.00000743	1.85	3.16	0.0404	0.000418	12.3	0.00236	0.0342	0.000285	0.000186	0.000104	0.119	0.0000022	0.000151	0.000532	0.00147	0.0000955
2072 Aug	0.0503	0.00000746	1.85	3.15	0.0399	0.00042	12.2	0.00236	0.0341	0.00028	0.000186	0.000104	0.118	0.0000022	0.000151	0.000526	0.00147	0.0000952
2072 Sep	0.0499	0.00000746	1.85	3.14	0.0394	0.000422	12.2	0.00236	0.0341	0.000275	0.000186	0.000104	0.118	0.0000022	0.000152	0.00052	0.00147	0.0000949
2072 Oct	0.0488	0.00000744	1.84	3.11	0.0382	0.000427	12.1	0.00236	0.0337	0.000263	0.000184	0.000103	0.117	0.0000022	0.000153	0.000505	0.00146	0.0000947
2072 Nov	0.0486	0.00000743	1.84	3.1	0.038	0.000427	12.1	0.00236	0.0337	0.000261	0.000183	0.000103	0.116	0.0000022	0.000154	0.000503	0.00145	0.0000947
2072 Dec	0.0486	0.00000743	1.84	3.1	0.038	0.000427	12.1	0.00236	0.0337	0.000261	0.000183	0.000103	0.116	0.0000022	0.000154	0.000503	0.00145	0.0000947
2073 Jan	0.0486	0.00000743	1.84	3.1	0.038	0.000427	12.1	0.00236	0.0337	0.000261	0.000183	0.000103	0.116	0.0000022	0.000154	0.000503	0.00145	0.0000947
2073 Feb	0.0486	0.00000743	1.84	3.1	0.038	0.000427	12.1	0.00236	0.0337	0.000261	0.000183	0.000103	0.116	0.0000022	0.000154	0.000503	0.00145	0.0000947
2073 Mar	0.0486	0.00000743	1.84	3.1	0.038	0.000428	12.1	0.00236	0.0337	0.000261	0.000183	0.000103	0.116	0.0000022	0.000154	0.000503	0.00145	0.0000947
2073 Apr	0.0486	0.00000744	1.84	3.11	0.038	0.000428	12.1	0.00236	0.0337	0.000261	0.000183	0.000103	0.117	0.0000022	0.000154	0.000503	0.00145	0.0000948
2073 May	0.0485	0.00000744	1.84	3.11	0.038	0.00043	12.1	0.00237	0.0337	0.000261	0.000183	0.000103	0.117	0.0000022	0.000155	0.000502	0.00145	0.0000945
2073 Jun	0.0482	0.00000737	1.86	3.13	0.0382	0.000436	12.1	0.00238	0.0332	0.000262	0.000182	0.000104	0.117	0.00000218	0.000158	0.000498	0.00143	0.0000938
2073 Jul	0.0483	0.00000737	1.87	3.15	0.0384	0.000439	12.2	0.0024	0.0331	0.000263	0.000183	0.000105	0.118	0.00000218	0.000159	0.000499	0.00143	0.0000942
2073 Aug	0.0484	0.00000739	1.87	3.16	0.0385	0.000441	12.2	0.00241	0.0332	0.000263	0.000183	0.000105	0.118	0.00000219	0.00016	0.000501	0.00143	0.0000945
2073 Sep	0.0484	0.0000074	1.87	3.17	0.0385	0.000441	12.2	0.00241	0.0332	0.000263	0.000184	0.000105	0.118	0.00000219	0.00016	0.000501	0.00143	0.0000944
2073 Oct	0.0483	0.00000739	1.87	3.16	0.0385	0.000441	12.2	0.00241	0.0331	0.000262	0.000183	0.000105	0.118	0.00000219	0.00016	0.0005	0.00143	0.0000942
2073 Nov	0.0483	0.00000738	1.87	3.16	0.0384	0.000441	12.2	0.00241	0.0331	0.000262	0.000183	0.000105	0.118	0.00000219	0.00016	0.0005	0.00143	0.0000941
2073 Dec	0.0483	0.00000739	1.87	3.16	0.0384	0.000441	12.2	0.00241	0.0331	0.000262	0.000183	0.000105	0.118	0.00000219	0.00016	0.0005	0.00143	0.0000941
2074 Jan	0.0483	0.00000739	1.87	3.16	0.0384	0.000441	12.2	0.00241	0.0331	0.000262	0.000183	0.000105	0.118	0.00000219	0.00016	0.0005	0.00143	0.0000942
2074 Feb	0.0483	0.00000739	1.87	3.16	0.0384	0.000441	12.2	0.00241	0.0331	0.000262	0.000183	0.000105	0.118	0.00000219	0.00016	0.0005	0.00143	0.0000942
2074 Mar	0.0483	0.00000739	1.87	3.16	0.0384	0.000441	12.2	0.00241	0.0331	0.000262	0.000183	0.000105	0.118	0.00000219	0.00016	0.0005	0.00143	0.0000942
2074 Apr	0.0483	0.00000739	1.87	3.17	0.0385	0.000441	12.2	0.00241	0.0332	0.000262	0.000183	0.000105	0.118	0.00000219	0.00016	0.0005	0.00143	0.0000942
2074 May	0.0494	0.00000741	1.89	3.22	0.0399	0.000444	12.2	0.00243	0.0334	0.000275	0.000185	0.000107	0.12	0.00000219	0.000162	0.000513	0.00143	0.0000935
2074 Jun	0.0514	0.00000731	1.95	3.36	0.0435	0.000449	12.4	0.00249	0.033	0.000305	0.000188	0.000111	0.125	0.00000216	0.000168	0.000542	0.00141	0.0000926
2074 Jul	0.0516	0.00000732	1.96	3.38	0.0438	0.000452	12.4	0.00251	0.033	0.000307	0.000189	0.000112	0.126	0.00000217	0.000169	0.000545	0.00142	0.0000932
2074 Aug	0.0518	0.00000735	1.97	3.4	0.044	0.000455	12.5	0.00252	0.0332	0.000309	0.00019	0.000113	0.126	0.00000218	0.00017	0.000548	0.00142	0.0000937
2074 Sep	0.0517	0.00000735	1.97	3.4	0.044	0.000455	12.5	0.00253	0.0331	0.000308	0.00019	0.000113	0.126	0.00000218	0.00017	0.000547	0.00142	0.0000935
2074 Oct	0.0517	0.00000735	1.97	3.4	0.0439	0.000455	12.5	0.00253	0.0331	0.000308	0.00019	0.000113	0.126	0.00000218	0.00017	0.000546	0.00142	0.0000934
2074 Nov	0.0517	0.00000735	1.97	3.4	0.0439	0.000455	12.5	0.00253	0.0331	0.000308	0.00019	0.000113	0.126	0.00000218	0.00017	0.000546	0.00142	0.0000933
2074 Dec	0.0517	0.00000735	1.97	3.4	0.0439	0.000455	12.5	0.00253	0.0331	0.000308	0.00019	0.000113	0.126	0.00000218	0.00017	0.000546	0.00142	0.0000933
2075 Jan	0.0517	0.00000735	1.97	3.4	0.0439	0.000455	12.5	0.00253	0.0331	0.000308	0.00019	0.000113	0.126	0.00000218	0.00017	0.000546	0.00142	0.0000933
2075 Feb	0.0517	0.00000735	1.97	3.4	0.0439	0.000455	12.5	0.00253	0.0331	0.000308	0.00019	0.000113	0.126	0.00000218	0.00017	0.000546	0.00142	0.0000933
2075 Mar	0.0517	0.00000735	1.97	3.4	0.0439	0.000455	12.5	0.00253	0.0331	0.000308	0.00019	0.000113	0.126	0.00000218	0.00017	0.000546	0.00142	0.0000934
2075 Apr	0.0517	0.00000735	1.97	3.41	0.0439	0.000455	12.5	0.00253	0.0331	0.000308	0.00019	0.000113	0.126	0.00000218	0.00017	0.000547	0.00142	0.0000934
2075 May	0.0518	0.00000736	1.97	3.41	0.044	0.000456	12.5	0.00253	0.0332	0.000308	0.00019	0.000113	0.126	0.00000218	0.000171	0.000547	0.00142	0.0000935
2075 Jun	0.0508	0.00000738	1.97	3.38	0.043	0.000457	12.4	0.00255	0.0329	0.000298	0.000193	0.000113	0.125	0.00000218	0.000173	0.000541	0.00143	0.0000929
2075 Jul	0.0502	0.0000074	1.97	3.38	0.0424	0.000459	12.4	0.00256	0.0328	0.000292	0.000196	0.000113	0.125	0.00000219	0.000176	0.000538	0.00144	0.0000931
2075 Aug	0.0504	0.00000743	1.98	3.39	0.0426	0.000461	12.5	0.00257	0.0329	0.000293	0.000196	0.000113	0.125	0.00000219	0.000176	0.00054	0.00145	0.0000933
2075 Sep	0.0504	0.00000744	1.98	3.4	0.0426	0.000462	12.5	0.00258	0.033	0.000293	0.000197	0.000113	0.125	0.0000022	0.000177	0.00054	0.00145	0.0000934
2075 Oct	0.0504	0.00000743	1.98	3.4	0.0426	0.000462	12.5	0.00258	0.0329	0.000293	0.000197	0.000113	0.125	0.00000219	0.000177	0.00054	0.00145	0.0000934
2075 Nov	0.0504	0.00000744	1.98	3.4	0.0426	0.000463	12.5	0.00258	0.0329	0.000293	0.000197	0.000113	0.125	0.00000219	0.000177	0.00054	0.00145	0.0000934
2075 Dec	0.0504	0.00000744	1.98	3.4	0.0426	0.000463	12.5	0.00258	0.033	0.000293	0.000197	0.000113	0.125	0.00000219	0.000177	0.00054	0.00145	0.0000934

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0504	0.00000744	1.98	3.4	0.0426	0.000463	12.5	0.00258	0.033	0.000293	0.000197	0.000113	0.125	0.00000219	0.000177	0.00054	0.00145	0.0000934
2076 Feb	0.0504	0.00000744	1.98	3.4	0.0426	0.000463	12.5	0.00258	0.033	0.000293	0.000197	0.000113	0.125	0.00000219	0.000177	0.00054	0.00145	0.0000934
2076 Mar	0.0504	0.00000744	1.98	3.4	0.0426	0.000463	12.5	0.00258	0.033	0.000293	0.000197	0.000113	0.125	0.00000219	0.000177	0.00054	0.00145	0.0000934
2076 Apr	0.0504	0.00000744	1.98	3.4	0.0426	0.000463	12.5	0.00258	0.033	0.000293	0.000197	0.000113	0.125	0.0000022	0.000177	0.00054	0.00145	0.0000934
2076 May	0.0506	0.00000745	1.98	3.41	0.0427	0.000463	12.5	0.00259	0.033	0.000294	0.000197	0.000114	0.125	0.0000022	0.000177	0.000542	0.00145	0.0000935
2076 Jun	0.0506	0.00000749	1.99	3.42	0.0429	0.000463	12.4	0.0026	0.0331	0.000294	0.0002	0.000114	0.126	0.0000022	0.000179	0.000546	0.00146	0.0000923
2076 Jul	0.0506	0.00000751	1.99	3.43	0.0429	0.000465	12.4	0.00261	0.0331	0.000294	0.000202	0.000115	0.126	0.0000022	0.00018	0.000548	0.00147	0.0000924
2076 Aug	0.0508	0.00000755	2	3.44	0.0431	0.000467	12.5	0.00262	0.0333	0.000295	0.000203	0.000115	0.126	0.00000221	0.000181	0.00055	0.00148	0.0000928
2076 Sep	0.0509	0.00000756	2	3.45	0.0432	0.000468	12.5	0.00263	0.0333	0.000296	0.000203	0.000115	0.127	0.00000222	0.000181	0.000551	0.00148	0.0000929
2076 Oct	0.0508	0.00000755	2	3.45	0.0431	0.000468	12.5	0.00263	0.0333	0.000295	0.000203	0.000115	0.126	0.00000221	0.000181	0.00055	0.00148	0.0000927
2076 Nov	0.0508	0.00000755	2	3.45	0.0431	0.000468	12.5	0.00263	0.0332	0.000295	0.000203	0.000115	0.126	0.00000221	0.000181	0.00055	0.00148	0.0000926
2076 Dec	0.0508	0.00000755	2	3.45	0.0431	0.000468	12.5	0.00263	0.0333	0.000295	0.000203	0.000115	0.126	0.00000221	0.000181	0.00055	0.00148	0.0000926
2077 Jan	0.0508	0.00000755	2	3.45	0.0431	0.000468	12.5	0.00263	0.0333	0.000295	0.000203	0.000115	0.126	0.00000221	0.000181	0.00055	0.00148	0.0000926
2077 Feb	0.0508	0.00000755	2	3.45	0.0431	0.000468	12.5	0.00263	0.0333	0.000295	0.000203	0.000115	0.126	0.00000221	0.000181	0.00055	0.00148	0.0000926
2077 Mar	0.0508	0.00000755	2	3.45	0.0431	0.000468	12.5	0.00263	0.0333	0.000295	0.000203	0.000115	0.126	0.00000221	0.000181	0.00055	0.00148	0.0000926
2077 Apr	0.0508	0.00000755	2	3.45	0.0431	0.000468	12.5	0.00263	0.0333	0.000295	0.000203	0.000115	0.126	0.00000221	0.000181	0.00055	0.00148	0.0000927
2077 May	0.051	0.00000757	2.01	3.46	0.0433	0.000469	12.5	0.00263	0.0334	0.000297	0.000203	0.000115	0.127	0.00000222	0.000181	0.000553	0.00148	0.0000926
2077 Jun	0.0525	0.00000765	2.03	3.52	0.045	0.000469	12.4	0.00264	0.0339	0.000311	0.000206	0.000117	0.129	0.00000222	0.000183	0.000572	0.00149	0.0000905
2077 Jul	0.0527	0.00000769	2.04	3.53	0.0452	0.000471	12.5	0.00266	0.034	0.000313	0.000208	0.000118	0.129	0.00000223	0.000184	0.000574	0.0015	0.0000909
2077 Aug	0.0529	0.00000772	2.05	3.55	0.0454	0.000474	12.5	0.00267	0.0342	0.000314	0.000209	0.000118	0.13	0.00000224	0.000185	0.000577	0.00151	0.0000912
2077 Sep	0.0528	0.00000771	2.04	3.55	0.0453	0.000474	12.5	0.00267	0.0341	0.000313	0.000208	0.000118	0.13	0.00000223	0.000184	0.000575	0.0015	0.0000909
2077 Oct	0.0527	0.00000771	2.04	3.55	0.0452	0.000474	12.5	0.00267	0.0341	0.000313	0.000208	0.000118	0.13	0.00000223	0.000184	0.000575	0.0015	0.0000908
2077 Nov	0.0528	0.00000771	2.04	3.55	0.0453	0.000474	12.5	0.00267	0.0341	0.000313	0.000208	0.000118	0.13	0.00000223	0.000184	0.000575	0.0015	0.0000908
2077 Dec	0.0528	0.00000771	2.04	3.55	0.0453	0.000474	12.5	0.00267	0.0341	0.000313	0.000208	0.000118	0.13	0.00000223	0.000185	0.000575	0.0015	0.0000908
2078 Jan	0.0528	0.00000771	2.04	3.55	0.0453	0.000474	12.5	0.00267	0.0341	0.000313	0.000208	0.000118	0.13	0.00000223	0.000185	0.000575	0.0015	0.0000908
2078 Feb	0.0528	0.00000771	2.04	3.55	0.0453	0.000474	12.5	0.00267	0.0341	0.000313	0.000208	0.000118	0.13	0.00000223	0.000185	0.000575	0.0015	0.0000908
2078 Mar	0.0528	0.00000771	2.04	3.55	0.0453	0.000474	12.5	0.00267	0.0341	0.000313	0.000208	0.000118	0.13	0.00000223	0.000185	0.000575	0.0015	0.0000908
2078 Apr	0.0528	0.00000772	2.04	3.55	0.0453	0.000475	12.5	0.00267	0.0342	0.000313	0.000208	0.000118	0.13	0.00000223	0.000185	0.000575	0.0015	0.0000909
2078 May	0.054	0.0000078	2.06	3.6	0.0465	0.000477	12.5	0.00268	0.0347	0.000324	0.00021	0.000119	0.131	0.00000224	0.000186	0.000589	0.00151	0.0000897
2078 Jun	0.0556	0.00000782	2.1	3.68	0.0488	0.000481	12.5	0.00271	0.035	0.000343	0.000211	0.000122	0.134	0.00000223	0.000189	0.000609	0.00151	0.0000881
2078 Jul	0.0558	0.00000785	2.11	3.7	0.049	0.000484	12.6	0.00272	0.0351	0.000345	0.000213	0.000122	0.135	0.00000224	0.00019	0.000611	0.00152	0.0000885
2078 Aug	0.056	0.00000787	2.11	3.72	0.0492	0.000486	12.6	0.00273	0.0352	0.000345	0.000213	0.000123	0.136	0.00000225	0.000191	0.000613	0.00152	0.0000887
2078 Sep	0.056	0.00000788	2.12	3.72	0.0492	0.000487	12.6	0.00274	0.0352	0.000346	0.000214	0.000123	0.136	0.00000225	0.000191	0.000614	0.00152	0.0000888
2078 Oct	0.056	0.00000788	2.11	3.72	0.0492	0.000487	12.6	0.00274	0.0352	0.000345	0.000214	0.000123	0.136	0.00000225	0.000191	0.000613	0.00152	0.0000887
2078 Nov	0.056	0.00000788	2.11	3.72	0.0492	0.000487	12.6	0.00274	0.0352	0.000345	0.000214	0.000123	0.136	0.00000225	0.000191	0.000613	0.00152	0.0000887
2078 Dec	0.056	0.00000788	2.11	3.72	0.0492	0.000487	12.6	0.00274	0.0352	0.000345	0.000214	0.000123	0.136	0.00000225	0.000191	0.000613	0.00152	0.0000887
2079 Jan	0.056	0.00000788	2.11	3.72	0.0492	0.000487	12.6	0.00274	0.0352	0.000345	0.000214	0.000123	0.136	0.00000225	0.000191	0.000613	0.00152	0.0000887
2079 Feb	0.056	0.00000788	2.11	3.72	0.0492	0.000487	12.6	0.00274	0.0352	0.000345	0.000214	0.000123	0.136	0.00000225	0.000191	0.000613	0.00152	0.0000887
2079 Mar	0.056	0.00000788	2.11	3.72	0.0492	0.000487	12.6	0.00274	0.0352	0.000345	0.000214	0.000123	0.136	0.00000225	0.000191	0.000613	0.00152	0.0000887
2079 Apr	0.056	0.00000788	2.12	3.73	0.0492	0.000487	12.6	0.00274	0.0352	0.000345	0.000214	0.000123	0.136	0.00000225	0.000191	0.000613	0.00152	0.0000887
2079 May	0.0561	0.00000789	2.12	3.73	0.0493	0.000488	12.6	0.00275	0.0353	0.000346	0.000214	0.000123	0.136	0.00000225	0.000192	0.000614	0.00152	0.0000889
2079 Jun	0.0556	0.00000793	2.12	3.71	0.0487	0.000488	12.5	0.00275	0.0352	0.00034	0.000216	0.000123	0.135	0.00000225	0.000194	0.000612	0.00153	0.0000874
2079 Jul	0.0553	0.00000794	2.12	3.71	0.0484	0.00049	12.5	0.00276	0.0351	0.000337	0.000218	0.000123	0.135	0.00000225	0.000195	0.00061	0.00154	0.0000873
2079 Aug	0.0555	0.00000797	2.13	3.73	0.0486	0.000492	12.5	0.00277	0.0353	0.000338	0.000219	0.000124	0.135	0.00000226	0.000196	0.000612	0.00154	0.0000877
2079 Sep	0.0554	0.00000797	2.12	3.73	0.0486	0.000493	12.5	0.00278	0.0352	0.000338	0.000218	0.000124	0.135	0.00000226	0.000196	0.000611	0.00154	0.0000875
2079 Oct	0.0553	0.00000796	2.12	3.73	0.0485	0.000493	12.5	0.00278	0.0352	0.000337	0.000218	0.000124	0.135	0.00000225	0.000196	0.000611	0.00154	0.0000874
2079 Nov	0.0552	0.00000796	2.12	3.73	0.0484	0.000493	12.5	0.00278	0.0352	0.000336	0.000218	0.000123	0.135	0.00000225	0.000196	0.000609	0.00154	0.0000874
2079 Dec	0.0551	0.00000796	2.12	3.72	0.0483	0.000494	12.5	0.00278	0.0351	0.000335	0.000218	0.000123	0.135	0.00000225	0.000196	0.000608	0.00154	0.0000874
2080 Jan	0.0551	0.00000796	2.12	3.72	0.0483	0.000494	12.5	0.00278	0.0351	0.000335	0.000218	0.000123	0.135	0.00000225	0.000196	0.000608	0.00154	0.0000874
2080 Feb	0.0551	0.00000796	2.12	3.72	0.0483	0.000494	12.5	0.00278	0.0351	0.000335	0.000218	0.000123	0.135	0.00000225	0.000196	0.000608	0.00154	0.0000874
2080 Mar	0.0551	0.00000796	2.12	3.72	0.0483	0.000494	12.5	0.00278	0.0351	0.000335	0.000218	0.000123	0.135	0.00000225	0.000196	0.000608	0.00154	0.0000874
2080 Apr	0.0551	0.00000796	2.12	3.72	0.0483	0.000494	12.5	0.00278	0.0352	0.000335	0.000218	0.000123	0.135	0.00000225	0.000196	0.000608	0.00154	0.0000874
2080 May	0.0552	0.00000797	2.12	3.73	0.0483	0.000495	12.5	0.00278	0.0352	0.000335	0.000218	0.000124	0.135	0.00000226	0.000197	0.000609	0.00154	0.0000875
2080 Jun	0.0537	0.00000797	2.11	3.68	0.0466	0.000497	12.4	0.00278	0.0349	0.000318	0.000219	0.000122	0.133	0.00000225	0.000198	0.000593	0.00154	0.000087
2080 Jul	0.0527	0.00000798	2.1	3.65	0.0454	0.0005	12.3	0.00278	0.0347	0.000307	0.000219	0.000122	0.132	0.00000225	0.0002	0.000582	0.00154	0.0000869
2080 Aug	0.0529	0.000008	2.11	3.66	0.0456	0.000502	12.4	0.00279	0.0348	0.000308	0.00022	0.000122	0.132	0.00000226	0.0002	0.000584	0.00155	0.0000871
2080 Sep	0.0528	0.000008	2.11	3.66	0.0455	0.000502	12.4	0.0028	0.0348	0.000308	0.00022	0.000122	0.132	0.00000226	0.0002	0.000583	0.00155	0.000087
2080 Oct	0.0528	0.000008	2.1	3.66	0.0455	0.000502	12.4	0.0028	0.0348	0.000307	0.00022	0.000122	0.132	0.00000226	0.0002	0.000583	0.00155	0.0000869
2080 Nov	0.0526	0.000008	2.1	3.66	0.0453	0.000503	12.4	0.0028	0.0348	0.000306	0.00022	0.000122	0.132	0.00000226	0.000201	0.000581	0.00154	0.0000869
2080 Dec	0.0526	0.000008	2.1	3.66	0.0453	0.000503	12.4	0.0028	0.0347	0.000305	0.00022	0.000122	0.132	0.00000226	0.000201	0.000581	0.00154	0.0000869
2081 Jan	0.0526	0.000008	2.1	3.66	0.0453	0.000503	12.4	0.0028	0.0347	0.000305	0.00022	0.000122	0.132	0.00000226	0.000201	0.000581	0.00154	0.0000869
2081 Feb	0.0526	0.000008	2.1	3.66	0.0453	0.000503	12.4	0.0028	0.0347	0.000305	0.00022	0.000122	0.132	0.00000226	0.000201	0.000581	0.00154	0.0000869
2081 Mar	0.0526	0.000008	2.1	3.66	0.0453	0.000503	12.4	0.0028	0.0347	0.000305	0.00022	0.000122	0.132	0.00000226	0.000201	0.000581	0.00154	0.0000869
2081 Apr	0.0526	0.000008	2.1	3.66	0.0453	0.000503	12.4	0.0028	0.0348	0.000305	0.00022	0.000122	0.132	0.00000226	0.000201	0.000581	0.00155	0.000087
2081 May	0.0524	0.00000802	2.11	3.66	0.0451	0.000506	12.3	0.0028	0.0348	0.000303	0.00022	0.000122	0.132	0.00000226	0.000202	0.000578	0.00155	0.0000869
2081 Jun	0.0517	0.00000798	2.11	3.65	0.0445	0.000511	12.3	0.00282	0.0344	0.000296	0.00022	0.000123	0.131	0.00000225	0.000205	0.00057	0.00154	0.0000867
2081 Jul	0.0519	0.00000802	2.12	3.67	0.0447	0.000515	12.4	0.00284	0.0345	0.000297	0.000221	0.000123	0.132	0.00000226	0.000207	0.000572	0.00154	0.0000872
2081 Aug	0.0521	0.00000806	2.14	3.69	0.0449	0.000518	12.4	0.00286	0.0347	0.000298	0.000222	0.000124	0.133	0.00000227	0.000208	0.000575	0.00155	0.0000877
2081 Sep	0.0521	0.00000807	2.14	3.7	0.0449	0.000518	12.4	0.00286	0.0347	0.000298	0.000223	0.000124	0.133	0.00000227	0.000208	0.000575	0.00155	0.0000877
2081 Oct	0.0521	0.00000807	2.14	3.7	0.0449	0.000519	12.5	0.00286	0.0347	0.000298	0.000223	0.000124	0.133	0.00000227	0.000208	0.000575	0.00155	0.0000876
2081 Nov	0.052	0.00000806	2.13	3.7	0.0449	0.000518	12.4	0.00286	0.0347	0.000298	0.000222	0.000124	0.133	0.00000227	0.000208	0.000574	0.00155	0.0000875
2081 Dec	0.052	0.00000806	2.13	3.7	0.0449	0.000518	12.4	0.00286	0.0347	0.000298	0.000222	0.000124	0.133	0.00000227	0.000208	0.000574	0.00155	0.0000875
2082 Jan	0.052	0.00000806	2.13	3.7	0.0449	0.000518	12.4	0.00286	0.0347	0.000298	0.000222	0.000124	0.133	0.00000227	0.000208	0.000574	0.00155	0.0000875
2082 Feb	0.052	0.00000806	2.13	3.7	0.0449	0.000518	12.4	0.00286	0.0347	0.000298	0.000222	0.000124	0.133	0.00000227	0.000208	0.000574	0.00155	0.0000875
2082 Mar	0.0521	0.00000806	2.13	3.7	0.0449	0.000518	12.4	0.00286	0.0347	0.000298	0.000222	0.000124	0.133	0.00000227	0.000208	0.000574	0.00155	0.0000875
2082 Apr	0.0521	0.00000806	2.13	3.7	0.0449	0.000519	12.4	0.00286	0.0347	0.000298	0.000222	0.000124	0.133	0.00000227	0.000208	0.000574	0.00155	0.0000875
2082 May	0.0521	0.00000807	2.14	3.71	0.0449	0.000519	12.5	0.00287	0.0347	0.000298	0.000223	0.000124	0.133	0.00000228	0.000208	0.000575	0.00155	0.0000876

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.0509	0.00000814	2.12	3.64	0.0432	0.000517	12.2	0.00285	0.0347	0.000282	0.000225	0.000123	0.13	0.00000228	0.000209	0.000563	0.00157	0.0000861
2082 Jul	0.0495	0.00000817	2.1	3.58	0.0415	0.000517	12.1	0.00285	0.0345	0.000266	0.000227	0.000122	0.128	0.00000228	0.000211	0.00055	0.00158	0.0000853
2082 Aug	0.0497	0.0000082	2.11	3.6	0.0417	0.00052	12.1	0.00286	0.0347	0.000267	0.000228	0.000122	0.129	0.00000228	0.000212	0.000552	0.00159	0.0000856
2082 Sep	0.0497	0.00000821	2.11	3.61	0.0417	0.000521	12.1	0.00287	0.0347	0.000267	0.000228	0.000122	0.129	0.00000229	0.000212	0.000553	0.00159	0.0000856
2082 Oct	0.0496	0.00000819	2.1	3.6	0.0416	0.00052	12.1	0.00286	0.0346	0.000266	0.000227	0.000122	0.128	0.00000228	0.000211	0.000551	0.00158	0.0000853
2082 Nov	0.0496	0.0000082	2.1	3.6	0.0416	0.00052	12.1	0.00286	0.0346	0.000266	0.000227	0.000122	0.128	0.00000228	0.000211	0.000551	0.00158	0.0000853
2082 Dec	0.0496	0.0000082	2.1	3.6	0.0416	0.00052	12.1	0.00286	0.0346	0.000266	0.000227	0.000122	0.128	0.00000228	0.000211	0.000551	0.00158	0.0000853
2083 Jan	0.0496	0.0000082	2.1	3.6	0.0416	0.00052	12.1	0.00286	0.0346	0.000266	0.000227	0.000122	0.128	0.00000228	0.000211	0.000551	0.00158	0.0000853
2083 Feb	0.0496	0.0000082	2.1	3.6	0.0416	0.00052	12.1	0.00286	0.0346	0.000266	0.000227	0.000122	0.128	0.00000228	0.000211	0.000551	0.00158	0.0000853
2083 Mar	0.0496	0.0000082	2.11	3.6	0.0416	0.00052	12.1	0.00286	0.0346	0.000266	0.000227	0.000122	0.128	0.00000228	0.000211	0.000551	0.00158	0.0000853
2083 Apr	0.0496	0.0000082	2.11	3.6	0.0416	0.00052	12.1	0.00287	0.0346	0.000266	0.000228	0.000122	0.128	0.00000228	0.000211	0.000552	0.00158	0.0000853
2083 May	0.0497	0.00000822	2.11	3.61	0.0417	0.000522	12.1	0.00287	0.0347	0.000267	0.000228	0.000122	0.129	0.00000229	0.000212	0.000553	0.00159	0.0000853
2083 Jun	0.0498	0.00000818	2.13	3.64	0.0423	0.000528	12.1	0.00289	0.0345	0.00027	0.000228	0.000123	0.13	0.00000227	0.000216	0.000555	0.00157	0.0000843
2083 Jul	0.0497	0.00000818	2.14	3.66	0.0424	0.000532	12.1	0.00291	0.0344	0.000271	0.000229	0.000124	0.13	0.00000227	0.000218	0.000556	0.00157	0.0000846
2083 Aug	0.0498	0.0000082	2.14	3.67	0.0425	0.000533	12.1	0.00292	0.0345	0.000271	0.00023	0.000125	0.131	0.00000228	0.000218	0.000557	0.00157	0.0000848
2083 Sep	0.0498	0.0000082	2.14	3.68	0.0425	0.000534	12.1	0.00292	0.0345	0.000271	0.00023	0.000125	0.13	0.00000227	0.000219	0.000556	0.00157	0.0000847
2083 Oct	0.0494	0.00000817	2.14	3.68	0.0421	0.000538	12.1	0.00293	0.0342	0.000267	0.000229	0.000125	0.13	0.00000227	0.00022	0.00055	0.00156	0.0000848
2083 Nov	0.0492	0.00000815	2.15	3.68	0.042	0.00054	12.1	0.00294	0.0341	0.000265	0.000228	0.000125	0.13	0.00000227	0.000221	0.000547	0.00156	0.000085
2083 Dec	0.0492	0.00000815	2.15	3.68	0.042	0.00054	12.1	0.00294	0.0341	0.000265	0.000228	0.000125	0.13	0.00000227	0.000221	0.000547	0.00156	0.000085
2084 Jan	0.0492	0.00000815	2.15	3.68	0.042	0.00054	12.1	0.00294	0.0341	0.000265	0.000228	0.000125	0.13	0.00000227	0.000221	0.000547	0.00156	0.000085
2084 Feb	0.0492	0.00000815	2.15	3.68	0.042	0.00054	12.1	0.00294	0.0341	0.000265	0.000228	0.000125	0.13	0.00000227	0.000221	0.000547	0.00156	0.000085
2084 Mar	0.0492	0.00000815	2.15	3.68	0.042	0.00054	12.1	0.00294	0.0341	0.000265	0.000228	0.000125	0.13	0.00000227	0.000221	0.000547	0.00156	0.000085
2084 Apr	0.0492	0.00000816	2.15	3.68	0.042	0.000541	12.1	0.00294	0.0341	0.000265	0.000229	0.000125	0.13	0.00000227	0.000221	0.000548	0.00156	0.000085
2084 May	0.0494	0.00000816	2.16	3.7	0.0424	0.000544	12.2	0.00295	0.0342	0.000268	0.000229	0.000126	0.131	0.00000227	0.000223	0.000549	0.00155	0.0000851
2084 Jun	0.0497	0.00000803	2.19	3.78	0.0438	0.000556	12.2	0.003	0.0335	0.000278	0.000228	0.000128	0.134	0.00000224	0.000229	0.000553	0.00152	0.0000852
2084 Jul	0.0499	0.00000804	2.21	3.81	0.044	0.00056	12.3	0.00302	0.0335	0.00028	0.000229	0.000129	0.134	0.00000225	0.000231	0.000555	0.00152	0.0000857
2084 Aug	0.05	0.00000807	2.21	3.82	0.0441	0.000562	12.3	0.00304	0.0336	0.00028	0.00023	0.000129	0.135	0.00000225	0.000232	0.000557	0.00152	0.0000859
2084 Sep	0.05	0.00000807	2.21	3.83	0.0441	0.000562	12.3	0.00304	0.0336	0.00028	0.00023	0.00013	0.135	0.00000225	0.000232	0.000557	0.00152	0.0000859
2084 Oct	0.0499	0.00000806	2.21	3.83	0.0441	0.000562	12.3	0.00304	0.0336	0.00028	0.000229	0.000129	0.135	0.00000225	0.000231	0.000556	0.00152	0.0000857
2084 Nov	0.0499	0.00000806	2.21	3.82	0.0441	0.000562	12.3	0.00304	0.0336	0.00028	0.000229	0.000129	0.135	0.00000225	0.000231	0.000556	0.00152	0.0000857
2084 Dec	0.0499	0.00000806	2.21	3.82	0.0441	0.000562	12.3	0.00304	0.0336	0.00028	0.000229	0.000129	0.135	0.00000225	0.000231	0.000556	0.00152	0.0000857
2085 Jan	0.0499	0.00000806	2.21	3.82	0.0441	0.000562	12.3	0.00304	0.0336	0.00028	0.000229	0.000129	0.135	0.00000225	0.000231	0.000556	0.00152	0.0000857
2085 Feb	0.0499	0.00000806	2.21	3.82	0.0441	0.000562	12.3	0.00304	0.0336	0.00028	0.000229	0.000129	0.135	0.00000225	0.000231	0.000556	0.00152	0.0000857
2085 Mar	0.0499	0.00000806	2.21	3.82	0.0441	0.000562	12.3	0.00304	0.0336	0.00028	0.000229	0.000129	0.135	0.00000225	0.000231	0.000556	0.00152	0.0000857
2085 Apr	0.0499	0.00000806	2.21	3.83	0.0441	0.000562	12.3	0.00304	0.0336	0.00028	0.000229	0.000129	0.135	0.00000225	0.000231	0.000556	0.00152	0.0000857
2085 May	0.0501	0.00000807	2.22	3.84	0.0443	0.000564	12.4	0.00305	0.0336	0.000282	0.00023	0.00013	0.135	0.00000225	0.000232	0.000558	0.00152	0.0000858
2085 Jun	0.0507	0.00000807	2.24	3.9	0.0453	0.000571	12.4	0.00308	0.0336	0.000289	0.00023	0.000132	0.137	0.00000225	0.000235	0.000564	0.00151	0.0000859
2085 Jul	0.0509	0.0000081	2.25	3.91	0.0455	0.000574	12.5	0.00309	0.0337	0.00029	0.000232	0.000132	0.138	0.00000226	0.000236	0.000567	0.00152	0.0000862
2085 Aug	0.0509	0.00000812	2.25	3.93	0.0456	0.000576	12.5	0.0031	0.0338	0.00029	0.000232	0.000132	0.138	0.00000226	0.000237	0.000568	0.00152	0.0000863
2085 Sep	0.0508	0.00000811	2.25	3.93	0.0455	0.000576	12.5	0.0031	0.0337	0.00029	0.000232	0.000132	0.138	0.00000226	0.000237	0.000567	0.00152	0.0000861
2085 Oct	0.0509	0.00000811	2.26	3.94	0.0456	0.000578	12.5	0.00311	0.0337	0.00029	0.000232	0.000133	0.138	0.00000226	0.000238	0.000567	0.00152	0.0000861
2085 Nov	0.0509	0.00000811	2.26	3.95	0.0457	0.000582	12.5	0.00312	0.0337	0.000291	0.000231	0.000133	0.138	0.00000226	0.000239	0.000566	0.00151	0.0000862
2085 Dec	0.0509	0.00000811	2.26	3.95	0.0457	0.000582	12.5	0.00312	0.0337	0.000291	0.000231	0.000133	0.138	0.00000226	0.000239	0.000566	0.00151	0.0000862
2086 Jan	0.0509	0.00000811	2.26	3.95	0.0457	0.000582	12.5	0.00312	0.0337	0.000291	0.000231	0.000133	0.139	0.00000226	0.000239	0.000566	0.00151	0.0000862
2086 Feb	0.0509	0.00000811	2.26	3.95	0.0457	0.000582	12.5	0.00312	0.0337	0.000291	0.000231	0.000133	0.139	0.00000226	0.000239	0.000566	0.00151	0.0000863
2086 Mar	0.0509	0.00000811	2.26	3.95	0.0457	0.000582	12.5	0.00312	0.0337	0.000291	0.000231	0.000133	0.139	0.00000226	0.000239	0.000566	0.00151	0.0000863
2086 Apr	0.051	0.00000811	2.26	3.95	0.0458	0.000582	12.5	0.00312	0.0337	0.000291	0.000232	0.000133	0.139	0.00000226	0.000239	0.000566	0.00151	0.0000863
2086 May	0.0511	0.00000813	2.27	3.96	0.0459	0.000583	12.6	0.00313	0.0338	0.000292	0.000232	0.000133	0.139	0.00000226	0.00024	0.000568	0.00151	0.0000864
2086 Jun	0.0518	0.00000811	2.31	4.03	0.0472	0.000595	12.6	0.00317	0.0337	0.000301	0.000233	0.000136	0.141	0.00000226	0.000245	0.000576	0.0015	0.0000858
2086 Jul	0.0517	0.00000812	2.32	4.06	0.0474	0.000601	12.6	0.0032	0.0336	0.000301	0.000234	0.000137	0.142	0.00000226	0.000249	0.000576	0.0015	0.0000863
2086 Aug	0.0518	0.00000814	2.33	4.08	0.0475	0.000603	12.7	0.00321	0.0337	0.000302	0.000235	0.000137	0.143	0.00000226	0.000249	0.000578	0.0015	0.0000865
2086 Sep	0.0517	0.00000814	2.33	4.08	0.0475	0.000603	12.6	0.00322	0.0337	0.000302	0.000235	0.000137	0.143	0.00000226	0.000249	0.000577	0.0015	0.0000863
2086 Oct	0.0517	0.00000814	2.33	4.08	0.0475	0.000604	12.7	0.00322	0.0337	0.000302	0.000235	0.000137	0.143	0.00000226	0.000249	0.000577	0.0015	0.0000863
2086 Nov	0.0518	0.00000814	2.33	4.08	0.0475	0.000604	12.7	0.00322	0.0337	0.000302	0.000235	0.000137	0.143	0.00000226	0.000249	0.000577	0.0015	0.0000863
2086 Dec	0.0518	0.00000814	2.33	4.08	0.0475	0.000604	12.7	0.00322	0.0337	0.000302	0.000235	0.000138	0.143	0.00000226	0.000249	0.000577	0.0015	0.0000863
2087 Jan	0.0518	0.00000814	2.33	4.08	0.0475	0.000604	12.7	0.00322	0.0337	0.000302	0.000235	0.000138	0.143	0.00000226	0.000249	0.000577	0.0015	0.0000863
2087 Feb	0.0518	0.00000814	2.33	4.08	0.0475	0.000604	12.7	0.00322	0.0337	0.000302	0.000235	0.000138	0.143	0.00000226	0.000249	0.000577	0.0015	0.0000863
2087 Mar	0.0518	0.00000814	2.33	4.08	0.0475	0.000604	12.7	0.00322	0.0337	0.000302	0.000235	0.000138	0.143	0.00000226	0.000249	0.000577	0.0015	0.0000864
2087 Apr	0.0518	0.00000815	2.33	4.08	0.0475	0.000604	12.7	0.00322	0.0337	0.000302	0.000235	0.000138	0.143	0.00000226	0.000249	0.000577	0.0015	0.0000864
2087 May	0.052	0.00000817	2.34	4.1	0.0478	0.000605	12.7	0.00323	0.0338	0.000304	0.000235	0.000138	0.143	0.00000227	0.00025	0.00058	0.0015	0.0000863
2087 Jun	0.053	0.00000821	2.37	4.16	0.0492	0.000611	12.7	0.00326	0.034	0.000315	0.000237	0.00014	0.145	0.00000227	0.000253	0.000592	0.00151	0.0000857
2087 Jul	0.0531	0.00000824	2.37	4.18	0.0493	0.000613	12.7	0.00327	0.0341	0.000316	0.000238	0.000141	0.146	0.00000228	0.000254	0.000594	0.00151	0.0000859
2087 Aug	0.0533	0.00000827	2.38	4.19	0.0495	0.000616	12.8	0.00329	0.0342	0.000317	0.000239	0.000141	0.146	0.00000229	0.000255	0.000596	0.00152	0.0000862
2087 Sep	0.0534	0.00000829	2.39	4.2	0.0496	0.000617	12.8	0.0033	0.0342	0.000318	0.00024	0.000142	0.147	0.00000229	0.000256	0.000597	0.00152	0.0000864
2087 Oct	0.0534	0.00000829	2.38	4.2	0.0496	0.000617	12.8	0.0033	0.0342	0.000317	0.00024	0.000141	0.147	0.00000229	0.000256	0.000597	0.00152	0.0000863
2087 Nov	0.0534	0.00000829	2.38	4.2	0.0496	0.000617	12.8	0.0033	0.0342	0.000317	0.00024	0.000141	0.147	0.00000229	0.000256	0.000597	0.00152	0.0000863
2087 Dec	0.0534	0.00000829	2.38	4.2	0.0496	0.000617	12.8	0.0033	0.0342	0.000317	0.00024	0.000141	0.147	0.00000229	0.000256	0.000597	0.00152	0.0000863
2088 Jan	0.0534	0.00000829	2.38	4.2	0.0496	0.000617	12.8	0.0033	0.0342	0.000317	0.00024	0.000141	0.147	0.00000229	0.000256	0.000597	0.00152	0.0000863
2088 Feb	0.0534	0.00000829	2.38	4.2	0.0496	0.000617	12.8	0.0033	0.0342	0.000317	0.00024	0.000141	0.147	0.00000229	0.000256	0.000597	0.00152	0.0000863
2088 Mar	0.0534	0.00000829	2.38	4.2	0.0496	0.000617	12.8	0.0033	0.0342	0.000317	0.00024	0.000141	0.147	0.00000229	0.000256	0.000597	0.00152	0.0000863
2088 Apr	0.0534	0.00000829	2.39	4.21	0.0496	0.000618	12.8	0.0033	0.0343	0.000318	0.00024	0.000142	0.147	0.00000229	0.000256	0.000597	0.00152	0.0000863
2088 May	0.0535	0.00000831	2.39	4.22	0.0497	0.000619	12.8	0.00331	0.0343	0.000318	0.000241	0.000142	0.147	0.00000229	0.000256	0.000598	0.00152	0.0000865
2088 Jun	0.0536	0.00000835	2.39	4.22	0.0497	0.000619	12.8	0.00331	0.0345	0.000318	0.000242	0.000142	0.147	0.0000023	0.000256	0.0006	0.00153	0.000086
2088 Jul	0.0539	0.00000841	2.4	4.24	0.0499	0.000622	12.8	0.00333	0.0347	0.000319	0.000243	0.000143	0.148	0.00000231	0.000258	0.000603	0.00154	0.0000862
2088 Aug	0.0542	0.00000846	2.42	4.26	0.0502	0.000626	12.9	0.00335	0.0349	0.000321	0.000245	0.000143	0.148	0.00000232	0.000259	0.000607	0.00155	0.0000867
2088 Sep	0.0543	0.00000847	2.42	4.27	0.0503	0.000627	12.9	0.00335	0.0349	0.000321	0.000245	0.000144	0.149	0.00000233	0.00026	0.000608	0.00155	0.0000868
2088 Oct	0.0541	0.00000845	2.41	4.27	0.0501	0.000626	12.9	0.00335	0.0349	0.00032	0.000245	0.000143	0.148	0.00000232	0.000259	0.000606	0.00155	0.0000865

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.0541	0.00000845	2.41	4.26	0.0501	0.000626	12.9	0.00335	0.0349	0.00032	0.000244	0.000143	0.148	0.00000232	0.000259	0.000605	0.00155	0.0000865
2088 Dec	0.0541	0.00000845	2.41	4.26	0.0501	0.000626	12.9	0.00335	0.0349	0.00032	0.000244	0.000143	0.148	0.00000232	0.000259	0.000605	0.00155	0.0000865
2089 Jan	0.0541	0.00000845	2.41	4.26	0.0501	0.000626	12.9	0.00335	0.0349	0.00032	0.000245	0.000143	0.148	0.00000232	0.000259	0.000605	0.00155	0.0000865
2089 Feb	0.0541	0.00000845	2.41	4.26	0.0501	0.000626	12.9	0.00335	0.0349	0.00032	0.000245	0.000143	0.148	0.00000232	0.000259	0.000605	0.00155	0.0000865
2089 Mar	0.0541	0.00000845	2.41	4.27	0.0501	0.000626	12.9	0.00335	0.0349	0.00032	0.000245	0.000143	0.148	0.00000232	0.000259	0.000606	0.00155	0.0000865
2089 Apr	0.0541	0.00000846	2.41	4.27	0.0501	0.000626	12.9	0.00335	0.0349	0.00032	0.000245	0.000143	0.148	0.00000232	0.000259	0.000606	0.00155	0.0000865
2089 May	0.0546	0.00000852	2.42	4.28	0.0506	0.000626	12.9	0.00335	0.0352	0.000324	0.000246	0.000144	0.149	0.00000233	0.000259	0.000612	0.00156	0.0000861
2089 Jun	0.0565	0.00000871	2.43	4.32	0.052	0.000624	12.8	0.00334	0.0364	0.000338	0.000248	0.000144	0.151	0.00000235	0.000258	0.000632	0.00159	0.0000842
2089 Jul	0.0567	0.00000875	2.44	4.34	0.0522	0.000626	12.9	0.00336	0.0366	0.000339	0.000249	0.000145	0.151	0.00000236	0.000259	0.000634	0.0016	0.0000845
2089 Aug	0.0569	0.00000878	2.45	4.35	0.0523	0.000629	12.9	0.00337	0.0367	0.00034	0.00025	0.000146	0.152	0.00000237	0.000259	0.000636	0.0016	0.0000847
2089 Sep	0.0569	0.00000879	2.45	4.36	0.0524	0.00063	12.9	0.00338	0.0367	0.00034	0.000251	0.000146	0.152	0.00000237	0.00026	0.000636	0.00161	0.0000847
2089 Oct	0.0569	0.00000879	2.44	4.35	0.0523	0.000629	12.9	0.00337	0.0367	0.000339	0.00025	0.000145	0.152	0.00000237	0.000259	0.000635	0.0016	0.0000842
2089 Nov	0.057	0.0000088	2.44	4.35	0.0523	0.000629	12.9	0.00337	0.0368	0.00034	0.00025	0.000145	0.152	0.00000237	0.000259	0.000636	0.0016	0.0000842
2089 Dec	0.057	0.0000088	2.44	4.35	0.0523	0.000629	12.9	0.00337	0.0368	0.00034	0.00025	0.000145	0.152	0.00000237	0.000259	0.000636	0.0016	0.0000842
2090 Jan	0.057	0.0000088	2.44	4.35	0.0523	0.000629	12.9	0.00337	0.0368	0.00034	0.00025	0.000145	0.152	0.00000237	0.000259	0.000636	0.0016	0.0000842
2090 Feb	0.057	0.0000088	2.44	4.35	0.0523	0.000629	12.9	0.00337	0.0368	0.00034	0.00025	0.000145	0.152	0.00000237	0.000259	0.000636	0.0016	0.0000842
2090 Mar	0.057	0.0000088	2.45	4.36	0.0523	0.000629	12.9	0.00337	0.0368	0.00034	0.00025	0.000145	0.152	0.00000237	0.000259	0.000636	0.0016	0.0000842
2090 Apr	0.057	0.0000088	2.45	4.36	0.0524	0.000629	12.9	0.00337	0.0368	0.00034	0.00025	0.000145	0.152	0.00000237	0.000259	0.000636	0.00161	0.0000842
2090 May	0.0571	0.00000882	2.45	4.36	0.0525	0.00063	12.9	0.00337	0.0369	0.000341	0.00025	0.000146	0.152	0.00000237	0.000259	0.000638	0.00161	0.0000842
2090 Jun	0.0615	0.00000921	2.47	4.41	0.0557	0.00062	12.5	0.00331	0.0396	0.000373	0.000252	0.000146	0.155	0.00000241	0.000254	0.000679	0.00166	0.0000785
2090 Jul	0.0617	0.00000924	2.48	4.43	0.0559	0.000623	12.6	0.00332	0.0398	0.000375	0.000254	0.000147	0.156	0.00000242	0.000255	0.000682	0.00167	0.0000786
2090 Aug	0.0614	0.00000924	2.48	4.43	0.0557	0.000624	12.6	0.00333	0.0397	0.000372	0.000253	0.000147	0.155	0.00000241	0.000256	0.000679	0.00167	0.0000785
2090 Sep	0.0608	0.00000922	2.48	4.42	0.055	0.000629	12.5	0.00333	0.0394	0.000365	0.000252	0.000147	0.155	0.00000241	0.000258	0.00067	0.00166	0.0000786
2090 Oct	0.0594	0.00000915	2.47	4.39	0.0538	0.000637	12.5	0.00334	0.0388	0.000352	0.00025	0.000146	0.154	0.0000024	0.000261	0.000652	0.00163	0.000079
2090 Nov	0.0587	0.00000911	2.47	4.38	0.0531	0.000641	12.5	0.00334	0.0385	0.000346	0.000249	0.000146	0.153	0.00000239	0.000262	0.000643	0.00162	0.0000793
2090 Dec	0.0586	0.00000911	2.47	4.38	0.0531	0.000642	12.5	0.00334	0.0385	0.000346	0.000249	0.000146	0.153	0.00000239	0.000262	0.000643	0.00162	0.0000793
2091 Jan	0.0586	0.00000911	2.47	4.38	0.0531	0.000642	12.5	0.00334	0.0385	0.000346	0.000249	0.000146	0.153	0.00000239	0.000262	0.000643	0.00162	0.0000793
2091 Feb	0.0586	0.00000911	2.47	4.38	0.0531	0.000642	12.5	0.00334	0.0385	0.000346	0.000249	0.000146	0.153	0.00000239	0.000262	0.000643	0.00162	0.0000793
2091 Mar	0.0586	0.00000911	2.47	4.38	0.0531	0.000642	12.5	0.00334	0.0385	0.000346	0.000249	0.000146	0.153	0.00000239	0.000262	0.000643	0.00162	0.0000793
2091 Apr	0.0587	0.00000911	2.48	4.39	0.0532	0.000642	12.5	0.00335	0.0385	0.000346	0.000249	0.000146	0.153	0.00000239	0.000263	0.000643	0.00162	0.0000793
2091 May	0.0587	0.00000912	2.48	4.39	0.0532	0.000644	12.5	0.00335	0.0386	0.000346	0.000249	0.000147	0.154	0.00000239	0.000263	0.000643	0.00162	0.0000795
2091 Jun	0.0574	0.00000896	2.49	4.41	0.0527	0.000656	12.5	0.00339	0.0375	0.000339	0.000247	0.000148	0.154	0.00000236	0.00027	0.00063	0.00158	0.00008
2091 Jul	0.0576	0.000009	2.51	4.44	0.0529	0.000661	12.5	0.00341	0.0377	0.00034	0.000249	0.000148	0.154	0.00000237	0.000271	0.000632	0.00159	0.0000805
2091 Aug	0.0576	0.00000901	2.51	4.44	0.053	0.000662	12.6	0.00342	0.0377	0.00034	0.000249	0.000149	0.155	0.00000237	0.000272	0.000633	0.00159	0.0000805
2091 Sep	0.0576	0.00000901	2.51	4.45	0.0529	0.000662	12.6	0.00342	0.0377	0.00034	0.000249	0.000149	0.155	0.00000237	0.000272	0.000632	0.00159	0.0000804
2091 Oct	0.0572	0.00000899	2.51	4.44	0.0527	0.000665	12.5	0.00342	0.0375	0.000336	0.000248	0.000149	0.154	0.00000237	0.000273	0.000628	0.00158	0.0000804
2091 Nov	0.0566	0.00000895	2.51	4.44	0.0522	0.00067	12.5	0.00343	0.0372	0.000331	0.000248	0.000149	0.154	0.00000236	0.000275	0.00062	0.00157	0.0000807
2091 Dec	0.0566	0.00000895	2.51	4.44	0.0522	0.00067	12.5	0.00343	0.0372	0.000331	0.000248	0.000149	0.154	0.00000236	0.000275	0.00062	0.00157	0.0000807
2092 Jan	0.0566	0.00000895	2.51	4.44	0.0521	0.00067	12.5	0.00343	0.0372	0.000331	0.000248	0.000149	0.154	0.00000236	0.000275	0.00062	0.00157	0.0000807
2092 Feb	0.0566	0.00000895	2.51	4.44	0.0521	0.00067	12.5	0.00343	0.0372	0.000331	0.000248	0.000149	0.154	0.00000236	0.000275	0.00062	0.00157	0.0000807
2092 Mar	0.0566	0.00000895	2.51	4.44	0.0522	0.00067	12.5	0.00344	0.0372	0.000331	0.000248	0.000149	0.154	0.00000236	0.000275	0.00062	0.00157	0.0000807
2092 Apr	0.0566	0.00000896	2.51	4.44	0.0522	0.000671	12.5	0.00344	0.0372	0.000331	0.000248	0.000149	0.154	0.00000237	0.000275	0.00062	0.00157	0.0000808
2092 May	0.0567	0.00000897	2.52	4.45	0.0523	0.000673	12.6	0.00345	0.0372	0.000332	0.000248	0.000149	0.154	0.00000237	0.000276	0.000621	0.00157	0.0000808
2092 Jun	0.055	0.00000872	2.55	4.5	0.0523	0.000688	12.5	0.00352	0.0355	0.000327	0.000248	0.000152	0.155	0.00000232	0.000286	0.00061	0.00152	0.0000815
2092 Jul	0.0544	0.00000867	2.56	4.52	0.052	0.000694	12.6	0.00355	0.035	0.000323	0.00025	0.000153	0.155	0.00000231	0.000289	0.000606	0.00151	0.0000822
2092 Aug	0.0546	0.0000087	2.57	4.54	0.0523	0.000697	12.6	0.00356	0.0352	0.000324	0.000251	0.000153	0.156	0.00000232	0.000291	0.000608	0.00152	0.0000825
2092 Sep	0.0546	0.00000871	2.57	4.54	0.0523	0.000698	12.6	0.00357	0.0352	0.000324	0.000251	0.000153	0.156	0.00000232	0.000291	0.000608	0.00152	0.0000825
2092 Oct	0.0546	0.00000871	2.57	4.54	0.0523	0.000698	12.6	0.00357	0.0352	0.000324	0.000251	0.000153	0.156	0.00000232	0.000291	0.000608	0.00152	0.0000825
2092 Nov	0.0546	0.00000871	2.57	4.54	0.0523	0.000698	12.6	0.00357	0.0352	0.000324	0.000251	0.000153	0.156	0.00000232	0.000291	0.000608	0.00152	0.0000825
2092 Dec	0.0546	0.00000871	2.57	4.54	0.0523	0.000698	12.6	0.00357	0.0352	0.000324	0.000251	0.000153	0.156	0.00000232	0.000291	0.000608	0.00152	0.0000825
2093 Jan	0.0546	0.00000871	2.57	4.54	0.0523	0.000698	12.6	0.00357	0.0352	0.000324	0.000251	0.000153	0.156	0.00000232	0.000291	0.000608	0.00152	0.0000825
2093 Feb	0.0546	0.00000871	2.57	4.54	0.0523	0.000698	12.6	0.00357	0.0352	0.000324	0.000251	0.000153	0.156	0.00000232	0.000291	0.000608	0.00152	0.0000825
2093 Mar	0.0546	0.00000871	2.57	4.55	0.0523	0.000698	12.6	0.00357	0.0352	0.000324	0.000251	0.000153	0.156	0.00000232	0.000291	0.000608	0.00152	0.0000825
2093 Apr	0.0547	0.00000872	2.57	4.55	0.0523	0.000698	12.6	0.00357	0.0352	0.000324	0.000251	0.000153	0.156	0.00000232	0.000291	0.000609	0.00152	0.0000825
2093 May	0.0548	0.00000873	2.57	4.56	0.0524	0.0007	12.6	0.00358	0.0352	0.000325	0.000252	0.000154	0.157	0.00000232	0.000292	0.00061	0.00152	0.0000826
2093 Jun	0.0549	0.0000087	2.6	4.61	0.0533	0.000705	12.7	0.00363	0.0349	0.00033	0.000255	0.000156	0.158	0.00000231	0.000296	0.000617	0.00152	0.0000829
2093 Jul	0.055	0.00000873	2.61	4.64	0.0535	0.000709	12.7	0.00366	0.0349	0.000332	0.000257	0.000157	0.159	0.00000232	0.000298	0.00062	0.00153	0.0000833
2093 Aug	0.0552	0.00000876	2.62	4.66	0.0537	0.000712	12.8	0.00367	0.035	0.000333	0.000258	0.000157	0.159	0.00000233	0.000299	0.000622	0.00153	0.0000836
2093 Sep	0.0552	0.00000876	2.62	4.66	0.0537	0.000713	12.8	0.00368	0.0351	0.000333	0.000258	0.000157	0.16	0.00000233	0.0003	0.000622	0.00153	0.0000836
2093 Oct	0.055	0.00000874	2.62	4.65	0.0535	0.000712	12.8	0.00367	0.0349	0.000331	0.000257	0.000157	0.159	0.00000232	0.000299	0.000619	0.00153	0.0000833
2093 Nov	0.0549	0.00000874	2.62	4.65	0.0534	0.000714	12.8	0.00367	0.0349	0.000329	0.000257	0.000157	0.159	0.00000232	0.0003	0.000618	0.00153	0.0000833
2093 Dec	0.0549	0.00000874	2.62	4.65	0.0534	0.000714	12.8	0.00367	0.0349	0.000329	0.000257	0.000157	0.159	0.00000232	0.0003	0.000618	0.00153	0.0000833
2094 Jan	0.0549	0.00000874	2.62	4.65	0.0534	0.000714	12.8	0.00367	0.0349	0.000329	0.000257	0.000157	0.159	0.00000232	0.0003	0.000618	0.00153	0.0000833
2094 Feb	0.0549	0.00000874	2.62	4.65	0.0534	0.000714	12.8	0.00367	0.0349	0.000329	0.000257	0.000157	0.159	0.00000232	0.0003	0.000618	0.00153	0.0000833
2094 Mar	0.0549	0.00000874	2.62	4.66	0.0534	0.000715	12.8	0.00368	0.0349	0.000329	0.000258	0.000157	0.159	0.00000232	0.0003	0.000618	0.00153	0.0000833
2094 Apr	0.0549	0.00000875	2.62	4.66	0.0534	0.000715	12.8	0.00368	0.0349	0.00033	0.000258	0.000157	0.159	0.00000232	0.0003	0.000618	0.00153	0.0000833
2094 May	0.0551	0.00000876	2.63	4.67	0.0537	0.000718	12.8	0.00369	0.035	0.000331	0.000258	0.000158	0.16	0.00000233	0.000301	0.00062	0.00153	0.0000833
2094 Jun	0.0556	0.00000879	2.65	4.72	0.0545	0.000726	12.8	0.00372	0.0352	0.000337	0.00026	0.000159	0.161	0.00000233	0.000306	0.000627	0.00153	0.0000832
2094 Jul	0.0559	0.00000885	2.67	4.75	0.0548	0.00073	12.9	0.00375	0.0354	0.000339	0.000262	0.00016	0.162	0.00000234	0.000307	0.000631	0.00154	0.0000837
2094 Aug	0.0562	0.0000089	2.69	4.78	0.0551	0.000735	12.9	0.00377	0.0356	0.000341	0.000263	0.000161	0.163	0.00000236	0.000309	0.000635	0.00155	0.0000842
2094 Sep	0.0562	0.0000089	2.69	4.79	0.0551	0.000736	12.9	0.00377	0.0356	0.000341	0.000263	0.000161	0.163	0.00000236	0.000309	0.000635	0.00155	0.0000842
2094 Oct	0.0561	0.00000889	2.68	4.78	0.055	0.000734	12.9	0.00377	0.0355	0.000339	0.000263	0.000161	0.163	0.00000235	0.000309	0.000633	0.00154	0.0000839
2094 Nov	0.056	0.00000887	2.67	4.77	0.0548	0.000733	12.9	0.00376	0.0354	0.000338	0.000262	0.000161	0.163	0.00000234	0.000308	0.000631	0.00154	0.0000836
2094 Dec	0.0559	0.00000887	2.67	4.77	0.0548	0.000733	12.9	0.00376	0.0354	0.000338	0.000262	0.000161	0.163	0.00000234	0.000308	0.000631	0.00154	0.0000836
2095 Jan	0.0559	0.00000887	2.67	4.77	0.0548	0.000733	12.9	0.00376	0.0354	0.000338	0.000262	0.000161	0.163	0.00000234	0.000308	0.000631	0.00154	0.0000836
2095 Feb	0.056	0.00000887	2.67	4.77	0.0548	0.000733	12.9	0.00376	0.0354	0.000338	0.000262	0.000161	0.163	0.00000234	0.000308	0.000631	0.00154	0.0000836
2095 Mar	0.056	0.00000887	2.67	4.77	0.0548	0.000733	12.9	0.00376	0.0355	0.000338	0.000262	0.000161	0.163	0.00000234	0.000308	0.000631	0.00154	0.0000836

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.056	0.00000887	2.67	4.77	0.0548	0.000733	12.9	0.00376	0.0355	0.000338	0.000262	0.000161	0.163	0.00000234	0.000308	0.000632	0.00154	0.0000836
2095 May	0.0562	0.0000089	2.68	4.79	0.055	0.000735	12.9	0.00377	0.0356	0.00034	0.000263	0.000161	0.163	0.00000235	0.000309	0.000634	0.00154	0.0000836
2095 Jun	0.0568	0.00000896	2.7	4.82	0.0556	0.00074	12.9	0.00379	0.036	0.000344	0.000264	0.000162	0.164	0.00000236	0.00031	0.00064	0.00155	0.0000836
2095 Jul	0.0571	0.00000901	2.71	4.85	0.0559	0.000745	13	0.00381	0.0362	0.000346	0.000265	0.000163	0.165	0.00000237	0.000312	0.000644	0.00156	0.000084
2095 Aug	0.0571	0.00000902	2.71	4.86	0.056	0.000746	13	0.00382	0.0362	0.000346	0.000266	0.000163	0.165	0.00000237	0.000312	0.000644	0.00156	0.000084
2095 Sep	0.0571	0.00000903	2.71	4.87	0.056	0.000747	13	0.00382	0.0362	0.000346	0.000266	0.000163	0.165	0.00000237	0.000312	0.000644	0.00156	0.000084
2095 Oct	0.0571	0.00000903	2.71	4.87	0.056	0.000747	13	0.00382	0.0362	0.000346	0.000266	0.000163	0.165	0.00000237	0.000312	0.000644	0.00156	0.000084
2095 Nov	0.0571	0.00000902	2.71	4.87	0.0559	0.000746	13	0.00382	0.0362	0.000346	0.000266	0.000163	0.165	0.00000237	0.000312	0.000644	0.00156	0.0000839
2095 Dec	0.0571	0.00000902	2.71	4.86	0.0559	0.000746	13	0.00382	0.0362	0.000346	0.000266	0.000163	0.165	0.00000237	0.000312	0.000643	0.00156	0.0000839
2096 Jan	0.0571	0.00000902	2.71	4.86	0.0559	0.000746	13	0.00382	0.0362	0.000346	0.000266	0.000163	0.165	0.00000237	0.000312	0.000643	0.00156	0.0000839
2096 Feb	0.0571	0.00000902	2.71	4.87	0.0559	0.000746	13	0.00382	0.0362	0.000346	0.000266	0.000163	0.165	0.00000237	0.000312	0.000643	0.00156	0.0000839
2096 Mar	0.0571	0.00000902	2.71	4.87	0.0559	0.000747	13	0.00382	0.0362	0.000346	0.000266	0.000163	0.165	0.00000237	0.000312	0.000644	0.00156	0.0000839
2096 Apr	0.0571	0.00000903	2.71	4.87	0.056	0.000747	13	0.00382	0.0362	0.000346	0.000266	0.000163	0.165	0.00000237	0.000312	0.000644	0.00156	0.000084
2096 May	0.0572	0.00000904	2.71	4.87	0.0561	0.000748	13.1	0.00383	0.0363	0.000347	0.000266	0.000163	0.166	0.00000238	0.000313	0.000645	0.00156	0.000084
2096 Jun	0.0593	0.00000931	2.73	4.89	0.0574	0.000744	12.8	0.0038	0.0379	0.000359	0.000269	0.000164	0.167	0.00000241	0.000311	0.000667	0.00161	0.0000809
2096 Jul	0.0596	0.00000938	2.74	4.91	0.0575	0.000748	12.8	0.00382	0.0382	0.000359	0.000271	0.000164	0.168	0.00000242	0.000313	0.00067	0.00162	0.0000809
2096 Aug	0.0599	0.00000942	2.75	4.93	0.0578	0.000752	12.9	0.00384	0.0384	0.000361	0.000273	0.000165	0.168	0.00000243	0.000314	0.000673	0.00163	0.0000813
2096 Sep	0.0598	0.00000942	2.75	4.94	0.0577	0.000752	12.9	0.00384	0.0384	0.000361	0.000272	0.000165	0.168	0.00000243	0.000314	0.000673	0.00162	0.0000812
2096 Oct	0.0596	0.0000094	2.74	4.92	0.0575	0.000751	12.9	0.00383	0.0383	0.000359	0.000272	0.000165	0.168	0.00000242	0.000313	0.000671	0.00162	0.0000808
2096 Nov	0.0596	0.0000094	2.74	4.92	0.0575	0.000751	12.8	0.00383	0.0383	0.000359	0.000272	0.000165	0.168	0.00000242	0.000313	0.00067	0.00162	0.0000808
2096 Dec	0.0596	0.0000094	2.74	4.92	0.0575	0.000751	12.9	0.00383	0.0383	0.000359	0.000272	0.000165	0.168	0.00000242	0.000313	0.00067	0.00162	0.0000808
2097 Jan	0.0596	0.0000094	2.74	4.92	0.0575	0.000751	12.9	0.00383	0.0383	0.000359	0.000272	0.000165	0.168	0.00000242	0.000313	0.00067	0.00162	0.0000808
2097 Feb	0.0596	0.0000094	2.74	4.92	0.0575	0.000751	12.9	0.00383	0.0383	0.000359	0.000272	0.000165	0.168	0.00000242	0.000313	0.00067	0.00162	0.0000808
2097 Mar	0.0596	0.0000094	2.74	4.92	0.0575	0.000751	12.9	0.00383	0.0383	0.000359	0.000272	0.000165	0.168	0.00000242	0.000313	0.00067	0.00162	0.0000808
2097 Apr	0.0596	0.00000941	2.74	4.93	0.0575	0.000752	12.9	0.00383	0.0383	0.000359	0.000272	0.000165	0.168	0.00000242	0.000313	0.000671	0.00162	0.0000809
2097 May	0.0598	0.00000942	2.75	4.94	0.0577	0.000753	12.9	0.00384	0.0384	0.00036	0.000272	0.000165	0.168	0.00000243	0.000314	0.000672	0.00162	0.000081
2097 Jun	0.06	0.00000949	2.76	4.95	0.0577	0.000757	12.8	0.00385	0.0387	0.00036	0.000273	0.000165	0.169	0.00000243	0.000316	0.000674	0.00163	0.0000806
2097 Jul	0.0603	0.00000954	2.77	4.98	0.0581	0.000762	12.9	0.00387	0.0389	0.000361	0.000275	0.000166	0.17	0.00000245	0.000318	0.000678	0.00164	0.000081
2097 Aug	0.0605	0.00000957	2.78	5	0.0583	0.000765	13	0.00388	0.039	0.000363	0.000276	0.000167	0.17	0.00000245	0.000319	0.00068	0.00165	0.0000812
2097 Sep	0.0606	0.00000959	2.79	5.01	0.0583	0.000766	13	0.00389	0.0391	0.000363	0.000276	0.000167	0.17	0.00000246	0.000319	0.000681	0.00165	0.0000813
2097 Oct	0.0605	0.00000958	2.78	5.01	0.0583	0.000766	13	0.00389	0.0391	0.000363	0.000276	0.000167	0.17	0.00000246	0.000319	0.000681	0.00165	0.0000813
2097 Nov	0.0605	0.00000958	2.78	5.01	0.0583	0.000766	13	0.00389	0.039	0.000362	0.000276	0.000167	0.17	0.00000245	0.000319	0.00068	0.00165	0.0000812
2097 Dec	0.0605	0.00000958	2.78	5	0.0582	0.000766	13	0.00389	0.039	0.000362	0.000276	0.000167	0.17	0.00000245	0.000319	0.00068	0.00164	0.0000812
2098 Jan	0.0605	0.00000958	2.78	5	0.0582	0.000766	13	0.00389	0.039	0.000362	0.000276	0.000167	0.17	0.00000245	0.000319	0.00068	0.00164	0.0000812
2098 Feb	0.0605	0.00000958	2.78	5	0.0582	0.000766	13	0.00389	0.039	0.000362	0.000276	0.000167	0.17	0.00000245	0.000319	0.00068	0.00165	0.0000812
2098 Mar	0.0605	0.00000958	2.78	5	0.0583	0.000766	13	0.00389	0.039	0.000362	0.000276	0.000167	0.17	0.00000245	0.000319	0.00068	0.00165	0.0000812
2098 Apr	0.0605	0.00000958	2.78	5.01	0.0583	0.000766	13	0.00389	0.0391	0.000362	0.000276	0.000167	0.17	0.00000246	0.000319	0.00068	0.00165	0.0000812
2098 May	0.0611	0.00000963	2.79	5.02	0.0588	0.000766	13	0.00389	0.0394	0.000367	0.000277	0.000167	0.171	0.00000246	0.000319	0.000687	0.00165	0.0000808
2098 Jun	0.0634	0.00000971	2.81	5.07	0.0613	0.000759	12.8	0.00387	0.0402	0.000391	0.000279	0.000168	0.173	0.00000246	0.000317	0.000714	0.00167	0.0000784
2098 Jul	0.0638	0.00000976	2.82	5.11	0.0617	0.000764	12.9	0.0039	0.0404	0.000393	0.00028	0.00017	0.174	0.00000247	0.000319	0.000719	0.00168	0.0000788
2098 Aug	0.0639	0.00000978	2.83	5.12	0.0618	0.000766	12.9	0.00391	0.0405	0.000394	0.000281	0.00017	0.175	0.00000247	0.00032	0.00072	0.00168	0.0000789
2098 Sep	0.0637	0.00000976	2.82	5.11	0.0616	0.000765	12.9	0.0039	0.0404	0.000392	0.00028	0.00017	0.174	0.00000247	0.000319	0.000718	0.00167	0.0000786
2098 Oct	0.0633	0.00000974	2.82	5.11	0.0613	0.000768	12.8	0.0039	0.0402	0.000389	0.000279	0.000169	0.174	0.00000246	0.00032	0.000713	0.00167	0.0000785
2098 Nov	0.063	0.00000972	2.82	5.11	0.061	0.000771	12.8	0.00391	0.0401	0.000386	0.000279	0.00017	0.174	0.00000246	0.000322	0.000709	0.00166	0.0000786
2098 Dec	0.063	0.00000972	2.82	5.11	0.061	0.000772	12.8	0.00391	0.0401	0.000386	0.000279	0.00017	0.174	0.00000246	0.000322	0.000709	0.00166	0.0000786
2099 Jan	0.063	0.00000972	2.82	5.11	0.061	0.000772	12.8	0.00391	0.0401	0.000386	0.000279	0.00017	0.174	0.00000246	0.000322	0.000709	0.00166	0.0000786
2099 Feb	0.063	0.00000972	2.82	5.11	0.061	0.000772	12.8	0.00391	0.0401	0.000386	0.000279	0.00017	0.174	0.00000246	0.000322	0.000709	0.00166	0.0000786
2099 Mar	0.063	0.00000973	2.82	5.11	0.061	0.000772	12.8	0.00391	0.0401	0.000386	0.000279	0.00017	0.174	0.00000246	0.000322	0.000709	0.00166	0.0000787
2099 Apr	0.0631	0.00000973	2.83	5.11	0.0611	0.000772	12.8	0.00391	0.0401	0.000386	0.000279	0.00017	0.174	0.00000246	0.000322	0.00071	0.00166	0.0000787
2099 May	0.0628	0.00000967	2.84	5.13	0.0612	0.000778	12.8	0.00393	0.0398	0.000385	0.000279	0.00017	0.175	0.00000245	0.000325	0.000707	0.00164	0.0000788
2099 Jun	0.0623	0.00000959	2.85	5.16	0.0613	0.000786	12.8	0.00396	0.0392	0.000382	0.000279	0.000171	0.175	0.00000243	0.000329	0.000703	0.00162	0.0000791
2099 Jul	0.0626	0.00000963	2.87	5.18	0.0616	0.00079	12.9	0.00399	0.0394	0.000384	0.00028	0.000172	0.176	0.00000244	0.000331	0.000706	0.00163	0.0000795
2099 Aug	0.0628	0.00000967	2.88	5.21	0.0619	0.000794	12.9	0.00401	0.0395	0.000386	0.000282	0.000173	0.177	0.00000245	0.000333	0.00071	0.00164	0.0000799
2099 Sep	0.0627	0.00000967	2.87	5.21	0.0618	0.000794	12.9	0.00401	0.0395	0.000385	0.000281	0.000173	0.177	0.00000245	0.000332	0.000709	0.00164	0.0000797
2099 Oct	0.0626	0.00000965	2.87	5.2	0.0617	0.000793	12.9	0.004	0.0394	0.000384	0.000281	0.000173	0.176	0.00000244	0.000332	0.000707	0.00163	0.0000795
2099 Nov	0.0625	0.00000964	2.87	5.2	0.0616	0.000793	12.9	0.004	0.0394	0.000383	0.000281	0.000173	0.176	0.00000244	0.000332	0.000706	0.00163	0.0000794
2099 Dec	0.0625	0.00000965	2.87	5.2	0.0616	0.000793	12.9	0.004	0.0394	0.000383	0.000281	0.000173	0.176	0.00000244	0.000332	0.000706	0.00163	0.0000795
2100 Jan	0.0625	0.00000965	2.87	5.2	0.0616	0.000793	12.9	0.004	0.0394	0.000383	0.000281	0.000173	0.176	0.00000244	0.000332	0.000706	0.00163	0.0000795
2100 Feb	0.0625	0.00000965	2.87	5.2	0.0616	0.000793	12.9	0.004	0.0394	0.000383	0.000281	0.000173	0.176	0.00000244	0.000332	0.000706	0.00163	0.0000795
2100 Mar	0.0625	0.00000965	2.87	5.2	0.0616	0.000793	12.9	0.004	0.0394	0.000383	0.000281	0.000173	0.176	0.00000244	0.000332	0.000706	0.00163	0.0000795
2100 Apr	0.0626	0.00000965	2.87	5.2	0.0616	0.000794	12.9	0.004	0.0394	0.000384	0.000281	0.000173	0.176	0.00000244	0.000332	0.000707	0.00163	0.0000795
2100 May	0.0627	0.00000966	2.88	5.22	0.0618	0.000796	12.9	0.00401	0.0395	0.000385	0.000281	0.000173	0.177	0.00000244	0.000333	0.000708	0.00163	0.0000796
2100 Jun	0.0621	0.00000956	2.91	5.27	0.0623	0.000807	12.9	0.00407	0.0386	0.000385	0.000283	0.000175	0.178	0.00000242	0.00034	0.000706	0.0016	0.00008
2100 Jul	0.0619	0.00000955	2.92	5.29	0.0623	0.000812	12.9	0.00409	0.0385	0.000384	0.000284	0.000176	0.179	0.00000242	0.000343	0.000705	0.0016	0.0000804
2100 Aug	0.0619	0.00000955	2.92	5.29	0.0623	0.000813	12.9	0.0041	0.0385	0.000384	0.000284	0.000176	0.179	0.00000242	0.000343	0.000705	0.0016	0.0000803
2100 Sep	0.062	0.00000956	2.92	5.3	0.0623	0.000814	12.9	0.0041	0.0385	0.000384	0.000284	0.000176	0.179	0.00000242	0.000343	0.000705	0.0016	0.0000803
2100 Oct	0.062	0.00000956	2.92	5.3	0.0623	0.000814	12.9	0.00411	0.0385	0.000384	0.000284	0.000176	0.179	0.00000242	0.000343	0.000705	0.0016	0.0000803
2100 Nov	0.062	0.00000956	2.92	5.3	0.0623	0.000814	12.9	0.00411	0.0385	0.000384	0.000284	0.000176	0.179	0.00000242	0.000343	0.000705	0.0016	0.0000804
2100 Dec	0.062	0.00000957	2.92	5.3	0.0623	0.000814	12.9	0.00411	0.0385	0.000384	0.000284	0.000176	0.179	0.00000242	0.000343	0.000706	0.0016	0.0000804
2101 Jan	0.062	0.00000957	2.92	5.3	0.0623	0.000814	12.9	0.00411	0.0385	0.000384	0.000284	0.000176	0.179	0.00000242	0.000343	0.000706	0.0016	0.0000804
2101 Feb	0.062	0.00000957	2.92	5.3	0.0623	0.000814	12.9	0.00411	0.0385	0.000384	0.000284	0.000176	0.179	0.00000242	0.000343	0.000706	0.0016	0.0000804
2101 Mar	0.062	0.00000957	2.92	5.3	0.0623	0.000814	12.9	0.00411	0.0385	0.000384	0.000284	0.000176	0.179	0.00000242	0.000343	0.000706	0.0016	0.0000804
2101 Apr	0.062	0.00000957	2.92	5.3	0.0624	0.000815	12.9	0.00411	0.0385	0.000384	0.000284	0.000176	0.179	0.00000242	0.000343	0.000706	0.00161	0.0000804
2101 May	0.0619	0.00000957	2.93	5.32	0.0625	0.000818	13	0.00413	0.0384	0.000384	0.000285	0.000177	0.179	0.00000242	0.000345	0.000706	0.0016	0.0000807
2101 Jun	0.0611	0.00000948	2.95	5.35	0.0626	0.000826	13	0.00418	0.0375	0.000382	0.000288	0.000179	0.18	0.0000024	0.000352	0.000702	0.00159	0.0000815
2101 Jul	0.0613	0.00000952	2.97	5.39	0.0629	0.000832	13	0.00421	0.0376	0.000384	0.00029	0.00018	0.181	0.00000241	0.000354	0.000705	0.0016	0.000082
2101 Aug	0.0616	0.00000957	2.98	5.41	0.0632	0.000836	13.1	0.00423	0.0378	0.000385	0.000291	0.000181	0.182	0.00000242	0.000356	0.000709	0.0016	0.0000824

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.0616	0.00000957	2.98	5.42	0.0631	0.000836	13.1	0.00424	0.0378	0.000385	0.000291	0.000181	0.182	0.00000242	0.000356	0.000708	0.0016	0.0000823
2101 Oct	0.0616	0.00000957	2.98	5.42	0.0631	0.000837	13.1	0.00424	0.0378	0.000385	0.000291	0.000181	0.182	0.00000242	0.000356	0.000708	0.0016	0.0000823
2101 Nov	0.0615	0.00000956	2.98	5.41	0.063	0.000836	13.1	0.00423	0.0378	0.000384	0.000291	0.000181	0.182	0.00000242	0.000356	0.000707	0.0016	0.0000821
2101 Dec	0.0615	0.00000955	2.98	5.41	0.063	0.000836	13.1	0.00423	0.0378	0.000384	0.000291	0.000181	0.182	0.00000242	0.000355	0.000707	0.0016	0.0000821
2102 Jan	0.0615	0.00000955	2.98	5.41	0.063	0.000836	13.1	0.00423	0.0378	0.000384	0.000291	0.000181	0.182	0.00000242	0.000355	0.000707	0.0016	0.0000821
2102 Feb	0.0615	0.00000955	2.98	5.41	0.063	0.000836	13.1	0.00423	0.0378	0.000384	0.000291	0.000181	0.182	0.00000242	0.000355	0.000707	0.0016	0.0000821
2102 Mar	0.0615	0.00000956	2.98	5.41	0.063	0.000836	13.1	0.00423	0.0378	0.000384	0.000291	0.000181	0.182	0.00000242	0.000355	0.000707	0.0016	0.0000821
2102 Apr	0.0615	0.00000956	2.98	5.41	0.063	0.000836	13.1	0.00423	0.0378	0.000384	0.000291	0.000181	0.182	0.00000242	0.000356	0.000707	0.0016	0.0000821
2102 May	0.0616	0.00000957	2.98	5.42	0.0631	0.000837	13.1	0.00424	0.0378	0.000385	0.000291	0.000181	0.182	0.00000242	0.000356	0.000708	0.0016	0.0000823
2102 Jun	0.0597	0.00000959	2.95	5.33	0.0609	0.000832	12.8	0.00422	0.0375	0.000365	0.000294	0.000179	0.179	0.00000242	0.000356	0.000692	0.00162	0.0000814
2102 Jul	0.0582	0.00000961	2.94	5.27	0.0591	0.000832	12.7	0.00423	0.0371	0.000348	0.000296	0.000178	0.176	0.00000242	0.000358	0.000678	0.00163	0.0000812
2102 Aug	0.0583	0.00000964	2.95	5.29	0.0593	0.000835	12.7	0.00424	0.0372	0.000349	0.000297	0.000179	0.177	0.00000242	0.000359	0.00068	0.00163	0.0000815
2102 Sep	0.0584	0.00000965	2.95	5.3	0.0593	0.000835	12.7	0.00425	0.0373	0.000349	0.000297	0.000179	0.177	0.00000243	0.000359	0.00068	0.00164	0.0000815
2102 Oct	0.0581	0.00000962	2.94	5.28	0.059	0.000834	12.7	0.00424	0.0372	0.000347	0.000296	0.000179	0.176	0.00000242	0.000359	0.000677	0.00163	0.0000812
2102 Nov	0.058	0.00000962	2.94	5.28	0.0589	0.000835	12.7	0.00424	0.0371	0.000346	0.000296	0.000178	0.176	0.00000242	0.000359	0.000676	0.00163	0.0000812
2102 Dec	0.058	0.00000962	2.94	5.28	0.0589	0.000835	12.7	0.00424	0.0371	0.000346	0.000297	0.000178	0.176	0.00000242	0.000359	0.000676	0.00163	0.0000812
2103 Jan	0.058	0.00000962	2.94	5.28	0.0589	0.000835	12.7	0.00424	0.0371	0.000346	0.000297	0.000178	0.176	0.00000242	0.000359	0.000676	0.00163	0.0000812
2103 Feb	0.058	0.00000962	2.94	5.28	0.0589	0.000835	12.7	0.00424	0.0371	0.000346	0.000297	0.000178	0.176	0.00000242	0.000359	0.000676	0.00163	0.0000812
2103 Mar	0.058	0.00000963	2.94	5.28	0.0589	0.000835	12.7	0.00424	0.0371	0.000346	0.000297	0.000179	0.176	0.00000242	0.000359	0.000676	0.00163	0.0000812
2103 Apr	0.058	0.00000963	2.94	5.28	0.0589	0.000835	12.7	0.00424	0.0372	0.000346	0.000297	0.000179	0.176	0.00000242	0.000359	0.000676	0.00163	0.0000813
2103 May	0.0579	0.00000965	2.94	5.28	0.0588	0.000836	12.7	0.00424	0.0372	0.000345	0.000297	0.000179	0.176	0.00000242	0.00036	0.000676	0.00163	0.0000812
2103 Jun	0.0568	0.0000096	2.94	5.26	0.0579	0.000839	12.5	0.00425	0.0367	0.000335	0.000298	0.000179	0.175	0.00000241	0.000363	0.000666	0.00163	0.0000808
2103 Jul	0.0566	0.00000962	2.95	5.28	0.0579	0.000844	12.5	0.00428	0.0366	0.000334	0.000299	0.000179	0.176	0.00000241	0.000365	0.000665	0.00163	0.0000812
2103 Aug	0.0564	0.00000962	2.95	5.28	0.0577	0.000847	12.5	0.00429	0.0365	0.000332	0.0003	0.00018	0.176	0.00000241	0.000366	0.000663	0.00163	0.0000813
2103 Sep	0.0559	0.00000961	2.95	5.28	0.0572	0.00085	12.5	0.0043	0.0363	0.000327	0.0003	0.00018	0.175	0.00000241	0.000368	0.000655	0.00162	0.0000815
2103 Oct	0.0544	0.00000955	2.95	5.26	0.0558	0.000859	12.5	0.00432	0.0357	0.000313	0.000298	0.00018	0.174	0.00000239	0.000372	0.000637	0.0016	0.000082
2103 Nov	0.0539	0.00000953	2.95	5.26	0.0554	0.000863	12.5	0.00433	0.0355	0.000308	0.000298	0.00018	0.174	0.00000239	0.000374	0.000631	0.00159	0.0000822
2103 Dec	0.0539	0.00000953	2.95	5.26	0.0554	0.000863	12.5	0.00433	0.0355	0.000308	0.000298	0.00018	0.174	0.00000239	0.000374	0.000631	0.00159	0.0000823
2104 Jan	0.0539	0.00000953	2.95	5.26	0.0554	0.000863	12.5	0.00433	0.0355	0.000308	0.000298	0.00018	0.174	0.00000239	0.000374	0.000631	0.00159	0.0000823
2104 Feb	0.0539	0.00000953	2.95	5.26	0.0554	0.000863	12.5	0.00433	0.0355	0.000308	0.000298	0.00018	0.174	0.00000239	0.000374	0.000631	0.00159	0.0000823
2104 Mar	0.0539	0.00000953	2.95	5.26	0.0554	0.000863	12.5	0.00433	0.0355	0.000308	0.000298	0.00018	0.174	0.00000239	0.000374	0.000631	0.00159	0.0000823
2104 Apr	0.054	0.00000953	2.96	5.26	0.0554	0.000864	12.5	0.00434	0.0355	0.000309	0.000298	0.00018	0.174	0.00000239	0.000374	0.000631	0.00159	0.0000823
2104 May	0.0539	0.00000953	2.96	5.27	0.0554	0.000868	12.5	0.00435	0.0355	0.000308	0.000298	0.00018	0.174	0.00000239	0.000376	0.00063	0.00159	0.0000825
2104 Jun	0.0531	0.00000942	2.99	5.31	0.0554	0.00088	12.4	0.0044	0.0346	0.000305	0.000298	0.000182	0.175	0.00000236	0.000383	0.000622	0.00156	0.000083
2104 Jul	0.0531	0.00000944	3	5.34	0.0556	0.000884	12.5	0.00443	0.0347	0.000306	0.0003	0.000183	0.176	0.00000237	0.000385	0.000624	0.00156	0.0000834
2104 Aug	0.0533	0.00000947	3	5.35	0.0557	0.000887	12.5	0.00444	0.0348	0.000307	0.000301	0.000183	0.176	0.00000238	0.000386	0.000625	0.00156	0.0000835
2104 Sep	0.0532	0.00000946	3	5.35	0.0556	0.000887	12.5	0.00444	0.0347	0.000306	0.0003	0.000183	0.176	0.00000237	0.000385	0.000624	0.00156	0.0000834
2104 Oct	0.0529	0.00000944	3	5.36	0.0554	0.00089	12.5	0.00445	0.0346	0.000304	0.0003	0.000184	0.176	0.00000237	0.000387	0.000621	0.00156	0.0000835
2104 Nov	0.0527	0.00000944	3.01	5.36	0.0553	0.000892	12.5	0.00446	0.0345	0.000302	0.0003	0.000184	0.176	0.00000237	0.000388	0.000619	0.00155	0.0000837
2104 Dec	0.0527	0.00000944	3.01	5.36	0.0553	0.000892	12.5	0.00446	0.0345	0.000302	0.0003	0.000184	0.176	0.00000237	0.000388	0.000619	0.00155	0.0000837
2105 Jan	0.0527	0.00000944	3.01	5.36	0.0553	0.000893	12.5	0.00446	0.0345	0.000302	0.0003	0.000184	0.176	0.00000237	0.000388	0.000619	0.00155	0.0000837
2105 Feb	0.0527	0.00000944	3.01	5.36	0.0554	0.000893	12.5	0.00446	0.0345	0.000302	0.0003	0.000184	0.176	0.00000237	0.000388	0.000619	0.00155	0.0000837
2105 Mar	0.0527	0.00000944	3.01	5.36	0.0554	0.000893	12.5	0.00446	0.0345	0.000302	0.0003	0.000184	0.176	0.00000237	0.000388	0.000619	0.00155	0.0000837
2105 Apr	0.0527	0.00000944	3.01	5.36	0.0554	0.000893	12.5	0.00446	0.0345	0.000302	0.0003	0.000184	0.176	0.00000237	0.000388	0.000619	0.00155	0.0000837
2105 May	0.0528	0.00000945	3.02	5.38	0.0555	0.000896	12.5	0.00447	0.0345	0.000303	0.000301	0.000184	0.177	0.00000237	0.000389	0.00062	0.00155	0.0000838
2105 Jun	0.0528	0.00000944	3.04	5.42	0.0558	0.000905	12.6	0.00451	0.0343	0.000304	0.000302	0.000186	0.178	0.00000237	0.000394	0.00062	0.00154	0.0000842
2105 Jul	0.053	0.00000948	3.05	5.44	0.056	0.000909	12.6	0.00453	0.0345	0.000305	0.000303	0.000187	0.178	0.00000238	0.000395	0.000622	0.00155	0.0000845
2105 Aug	0.0529	0.00000948	3.05	5.45	0.056	0.000909	12.6	0.00453	0.0344	0.000304	0.000303	0.000187	0.178	0.00000237	0.000395	0.000622	0.00155	0.0000844
2105 Sep	0.0527	0.00000948	3.06	5.47	0.056	0.000918	12.6	0.00456	0.0343	0.000302	0.000303	0.000188	0.179	0.00000237	0.000398	0.000618	0.00154	0.0000847
2105 Oct	0.0521	0.00000946	3.08	5.49	0.0557	0.000927	12.6	0.00459	0.034	0.000298	0.000303	0.000189	0.179	0.00000237	0.000402	0.000611	0.00153	0.0000852
2105 Nov	0.0518	0.00000945	3.08	5.5	0.0554	0.000932	12.6	0.00461	0.0339	0.000295	0.000303	0.000189	0.18	0.00000237	0.000404	0.000607	0.00152	0.0000855
2105 Dec	0.0518	0.00000945	3.08	5.5	0.0554	0.000932	12.6	0.00461	0.0339	0.000295	0.000303	0.000189	0.18	0.00000237	0.000404	0.000607	0.00152	0.0000855
2106 Jan	0.0518	0.00000945	3.08	5.5	0.0554	0.000933	12.6	0.00461	0.0339	0.000295	0.000303	0.000189	0.18	0.00000237	0.000404	0.000607	0.00152	0.0000856
2106 Feb	0.0518	0.00000945	3.08	5.5	0.0554	0.000933	12.6	0.00461	0.0339	0.000295	0.000303	0.000189	0.18	0.00000237	0.000404	0.000607	0.00152	0.0000856
2106 Mar	0.0518	0.00000945	3.08	5.5	0.0554	0.000933	12.6	0.00461	0.0339	0.000295	0.000303	0.000189	0.18	0.00000237	0.000404	0.000607	0.00152	0.0000856
2106 Apr	0.0518	0.00000946	3.08	5.5	0.0555	0.000933	12.6	0.00461	0.0339	0.000295	0.000303	0.000189	0.18	0.00000237	0.000405	0.000607	0.00153	0.0000856
2106 May	0.0519	0.00000947	3.09	5.51	0.0556	0.000935	12.7	0.00462	0.0339	0.000295	0.000303	0.000189	0.18	0.00000237	0.000405	0.000608	0.00153	0.0000857
2106 Jun	0.0512	0.00000941	3.12	5.55	0.0556	0.000948	12.6	0.00467	0.0333	0.000292	0.000305	0.000191	0.181	0.00000235	0.000412	0.000604	0.00151	0.0000861
2106 Jul	0.051	0.00000942	3.13	5.58	0.0557	0.000955	12.6	0.00471	0.0332	0.000291	0.000307	0.000193	0.182	0.00000236	0.000416	0.000604	0.00151	0.0000866
2106 Aug	0.051	0.00000943	3.13	5.59	0.0556	0.000957	12.6	0.00472	0.0332	0.00029	0.000307	0.000193	0.182	0.00000236	0.000416	0.000603	0.00151	0.0000866
2106 Sep	0.0505	0.00000944	3.14	5.59	0.0552	0.00096	12.6	0.00473	0.033	0.000286	0.000308	0.000193	0.182	0.00000236	0.000418	0.000598	0.00151	0.0000867
2106 Oct	0.0503	0.00000944	3.14	5.59	0.055	0.000963	12.6	0.00474	0.0329	0.000284	0.000308	0.000193	0.181	0.00000236	0.000419	0.000595	0.00151	0.0000868
2106 Nov	0.0503	0.00000944	3.14	5.59	0.0551	0.000963	12.6	0.00474	0.033	0.000284	0.000308	0.000193	0.182	0.00000236	0.000419	0.000595	0.00151	0.0000869
2106 Dec	0.0503	0.00000944	3.14	5.59	0.0551	0.000963	12.6	0.00474	0.033	0.000284	0.000308	0.000193	0.182	0.00000236	0.000419	0.000595	0.00151	0.0000869
2107 Jan	0.0503	0.00000944	3.14	5.59	0.0551	0.000963	12.6	0.00474	0.033	0.000284	0.000308	0.000193	0.182	0.00000236	0.000419	0.000595	0.00151	0.0000869
2107 Feb	0.0503	0.00000944	3.14	5.59	0.0551	0.000963	12.6	0.00474	0.033	0.000284	0.000308	0.000193	0.182	0.00000236	0.00042	0.000595	0.00151	0.0000869
2107 Mar	0.0503	0.00000944	3.14	5.59	0.0551	0.000963	12.6	0.00474	0.033	0.000284	0.000308	0.000193	0.182	0.00000236	0.00042	0.000595	0.00151	0.0000869
2107 Apr	0.0503	0.00000945	3.14	5.59	0.0551	0.000964	12.6	0.00475	0.033	0.000284	0.000308	0.000193	0.182	0.00000236	0.00042	0.000595	0.00151	0.0000869
2107 May	0.0504	0.00000946	3.15	5.6	0.0552	0.000965	12.6	0.00475	0.033	0.000285	0.000309	0.000194	0.182	0.00000236	0.00042	0.000597	0.00151	0.0000869
2107 Jun	0.0507	0.00000949	3.17	5.64	0.0558	0.00097	12.6	0.00478	0.033	0.000289	0.00031	0.000195	0.183	0.00000236	0.000424	0.000601	0.00151	0.0000867
2107 Jul	0.0508	0.00000951	3.17	5.66	0.0559	0.000973	12.6	0.00479	0.0331	0.000289	0.000311	0.000196	0.184	0.00000237	0.000425	0.000602	0.00151	0.0000868
2107 Aug	0.051	0.00000955	3.19	5.68	0.0561	0.000976	12.7	0.00481	0.0332	0.00029	0.000312	0.000196	0.184	0.00000237	0.000426	0.000604	0.00152	0.0000871
2107 Sep	0.051	0.00000956	3.19	5.69	0.0562	0.000977	12.7	0.00482	0.0332	0.000291	0.000313	0.000197	0.184	0.00000238	0.000426	0.000605	0.00152	0.0000872
2107 Oct	0.051	0.00000955	3.18	5.68	0.0561	0.000977	12.7	0.00481	0.0332	0.00029	0.000312	0.000196	0.184	0.00000237	0.000426	0.000604	0.00152	0.0000871
2107 Nov	0.051	0.00000955	3.18	5.68	0.0561	0.000977	12.7	0.00481	0.0332	0.00029	0.000312	0.000196	0.184	0.00000237	0.000426	0.000604	0.00152	0.000087
2107 Dec	0.051	0.00000955	3.18	5.68	0.0561	0.000977	12.7	0.00481	0.0332	0.00029	0.000312	0.000196	0.184	0.00000237	0.000426	0.000604	0.00152	0.000087
2108 Jan	0.051	0.00000955	3.18	5.68	0.0561	0.000977	12.7	0.00481	0.0332	0.00029	0.000312	0.000196	0.184	0.00000237	0.000426	0.000604	0.00152	0.000087

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.051	0.00000955	3.18	5.68	0.0561	0.000977	12.7	0.00481	0.0332	0.00029	0.000312	0.000196	0.184	0.00000237	0.000426	0.000604	0.00152	0.000087
2108 Mar	0.051	0.00000955	3.18	5.68	0.0561	0.000977	12.7	0.00481	0.0332	0.00029	0.000312	0.000196	0.184	0.00000237	0.000426	0.000604	0.00152	0.000087
2108 Apr	0.051	0.00000956	3.19	5.69	0.0562	0.000978	12.7	0.00482	0.0332	0.00029	0.000313	0.000197	0.184	0.00000237	0.000426	0.000604	0.00152	0.0000871
2108 May	0.0511	0.00000958	3.19	5.7	0.0563	0.000979	12.7	0.00483	0.0333	0.000291	0.000313	0.000197	0.185	0.00000238	0.000427	0.000606	0.00152	0.0000873
2108 Jun	0.0513	0.00000964	3.19	5.7	0.0563	0.000978	12.7	0.00483	0.0335	0.000291	0.000315	0.000197	0.185	0.00000239	0.000427	0.000609	0.00153	0.0000868
2108 Jul	0.0517	0.00000971	3.21	5.73	0.0566	0.000983	12.7	0.00485	0.0338	0.000293	0.000316	0.000198	0.186	0.0000024	0.000429	0.000612	0.00155	0.0000871
2108 Aug	0.0519	0.00000976	3.23	5.76	0.0569	0.000988	12.8	0.00488	0.034	0.000294	0.000318	0.000199	0.187	0.00000241	0.000431	0.000615	0.00155	0.0000876
2108 Sep	0.052	0.00000977	3.23	5.77	0.057	0.00099	12.8	0.00488	0.034	0.000295	0.000319	0.000199	0.187	0.00000242	0.000432	0.000616	0.00155	0.0000876
2108 Oct	0.0518	0.00000974	3.21	5.75	0.0567	0.000986	12.7	0.00487	0.0339	0.000293	0.000317	0.000198	0.186	0.00000241	0.00043	0.000613	0.00155	0.0000872
2108 Nov	0.0517	0.00000974	3.21	5.75	0.0567	0.000986	12.7	0.00487	0.0339	0.000293	0.000317	0.000198	0.186	0.0000024	0.00043	0.000613	0.00155	0.0000871
2108 Dec	0.0517	0.00000974	3.21	5.75	0.0567	0.000986	12.7	0.00487	0.0339	0.000293	0.000317	0.000198	0.186	0.0000024	0.00043	0.000613	0.00155	0.0000871
2109 Jan	0.0517	0.00000974	3.21	5.75	0.0567	0.000986	12.7	0.00487	0.0339	0.000293	0.000317	0.000198	0.186	0.0000024	0.00043	0.000613	0.00155	0.0000871
2109 Feb	0.0517	0.00000974	3.21	5.75	0.0567	0.000986	12.7	0.00487	0.0339	0.000293	0.000317	0.000198	0.186	0.0000024	0.00043	0.000613	0.00155	0.0000871
2109 Mar	0.0517	0.00000974	3.21	5.75	0.0567	0.000986	12.7	0.00487	0.0339	0.000293	0.000317	0.000198	0.186	0.00000241	0.00043	0.000613	0.00155	0.0000871
2109 Apr	0.0518	0.00000974	3.21	5.75	0.0567	0.000987	12.8	0.00487	0.0339	0.000293	0.000317	0.000199	0.186	0.00000241	0.00043	0.000614	0.00155	0.0000872
2109 May	0.0525	0.00000982	3.22	5.76	0.0572	0.000986	12.7	0.00486	0.0344	0.000298	0.000318	0.000199	0.187	0.00000242	0.000429	0.00062	0.00156	0.0000867
2109 Jun	0.054	0.00000998	3.22	5.77	0.0582	0.000981	12.7	0.00484	0.0355	0.000308	0.000319	0.000199	0.188	0.00000244	0.000426	0.000636	0.00159	0.0000853
2109 Jul	0.0542	0.00001	3.23	5.79	0.0583	0.000984	12.7	0.00485	0.0356	0.000309	0.00032	0.000199	0.188	0.00000245	0.000427	0.000637	0.0016	0.0000855
2109 Aug	0.0543	0.00001	3.24	5.81	0.0585	0.000987	12.7	0.00487	0.0357	0.00031	0.000321	0.0002	0.189	0.00000246	0.000428	0.000639	0.0016	0.0000857
2109 Sep	0.0544	0.0000101	3.24	5.81	0.0585	0.000986	12.7	0.00487	0.0358	0.00031	0.000321	0.0002	0.188	0.00000246	0.000428	0.00064	0.0016	0.0000855
2109 Oct	0.0553	0.0000102	3.23	5.79	0.0586	0.000982	12.6	0.00483	0.0367	0.000313	0.00032	0.000198	0.188	0.00000247	0.000424	0.000643	0.00162	0.0000841
2109 Nov	0.0554	0.0000102	3.23	5.79	0.0586	0.000982	12.6	0.00483	0.0368	0.000313	0.000319	0.000198	0.188	0.00000247	0.000424	0.000644	0.00162	0.000084
2109 Dec	0.0554	0.0000102	3.23	5.79	0.0586	0.000982	12.6	0.00483	0.0368	0.000313	0.000319	0.000198	0.188	0.00000247	0.000424	0.000644	0.00162	0.000084
2110 Jan	0.0554	0.0000102	3.23	5.79	0.0586	0.000982	12.6	0.00483	0.0368	0.000313	0.000319	0.000198	0.188	0.00000247	0.000424	0.000644	0.00162	0.000084
2110 Feb	0.0554	0.0000102	3.23	5.79	0.0586	0.000982	12.6	0.00483	0.0368	0.000313	0.000319	0.000198	0.188	0.00000247	0.000424	0.000644	0.00162	0.000084
2110 Mar	0.0554	0.0000102	3.23	5.79	0.0587	0.000982	12.6	0.00483	0.0368	0.000313	0.00032	0.000198	0.188	0.00000247	0.000424	0.000644	0.00162	0.000084
2110 Apr	0.0554	0.0000102	3.23	5.79	0.0587	0.000983	12.6	0.00483	0.0368	0.000313	0.00032	0.000199	0.188	0.00000247	0.000424	0.000644	0.00162	0.000084
2110 May	0.0557	0.0000102	3.23	5.8	0.0588	0.000983	12.6	0.00483	0.037	0.000315	0.00032	0.000199	0.189	0.00000248	0.000424	0.000646	0.00162	0.0000839
2110 Jun	0.0586	0.0000104	3.23	5.81	0.0612	0.00097	12.4	0.00475	0.0385	0.00034	0.000318	0.000198	0.19	0.00000249	0.000418	0.000674	0.00164	0.000081
2110 Jul	0.0588	0.0000104	3.25	5.84	0.0615	0.000974	12.4	0.00477	0.0385	0.000342	0.00032	0.000199	0.191	0.00000249	0.00042	0.000677	0.00165	0.0000812
2110 Aug	0.058	0.0000103	3.25	5.84	0.061	0.000979	12.4	0.00479	0.038	0.000337	0.00032	0.0002	0.191	0.00000248	0.000424	0.000667	0.00163	0.0000815
2110 Sep	0.0559	0.0000102	3.26	5.84	0.0594	0.000995	12.3	0.00485	0.0368	0.000319	0.000319	0.000201	0.19	0.00000245	0.000431	0.000642	0.00159	0.0000826
2110 Oct	0.0537	0.0000101	3.28	5.84	0.0578	0.00101	12.3	0.0049	0.0357	0.0003	0.000318	0.000202	0.189	0.00000243	0.00044	0.000617	0.00156	0.000084
2110 Nov	0.0531	0.0000101	3.28	5.85	0.0574	0.00102	12.3	0.00492	0.0354	0.000295	0.000318	0.000202	0.189	0.00000243	0.000442	0.000611	0.00155	0.0000844
2110 Dec	0.0531	0.0000101	3.28	5.85	0.0574	0.00102	12.3	0.00492	0.0354	0.000295	0.000318	0.000202	0.189	0.00000243	0.000442	0.000611	0.00155	0.0000844
2111 Jan	0.0531	0.0000101	3.28	5.85	0.0574	0.00102	12.3	0.00492	0.0354	0.000295	0.000318	0.000202	0.189	0.00000243	0.000442	0.000611	0.00155	0.0000844
2111 Feb	0.053	0.0000101	3.28	5.85	0.0574	0.00102	12.3	0.00492	0.0354	0.000295	0.000318	0.000202	0.189	0.00000243	0.000442	0.000611	0.00155	0.0000844
2111 Mar	0.0531	0.0000101	3.28	5.85	0.0574	0.00102	12.3	0.00492	0.0354	0.000295	0.000318	0.000202	0.189	0.00000243	0.000442	0.000611	0.00155	0.0000844
2111 Apr	0.0531	0.0000101	3.28	5.85	0.0574	0.00102	12.3	0.00493	0.0354	0.000295	0.000318	0.000202	0.189	0.00000243	0.000442	0.000611	0.00155	0.0000845
2111 May	0.0531	0.0000101	3.29	5.87	0.0575	0.00102	12.3	0.00494	0.0354	0.000295	0.000318	0.000203	0.19	0.00000243	0.000444	0.000612	0.00155	0.0000847
2111 Jun	0.0524	0.00000998	3.32	5.93	0.0578	0.00104	12.3	0.00501	0.0346	0.000294	0.00032	0.000205	0.191	0.0000024	0.000452	0.000609	0.00152	0.0000855
2111 Jul	0.0527	0.00001	3.34	5.96	0.0582	0.00104	12.3	0.00503	0.0348	0.000296	0.000322	0.000206	0.192	0.00000242	0.000454	0.000613	0.00153	0.000086
2111 Aug	0.0526	0.00001	3.34	5.96	0.0581	0.00104	12.3	0.00504	0.0348	0.000295	0.000322	0.000206	0.192	0.00000242	0.000454	0.000612	0.00153	0.0000859
2111 Sep	0.0526	0.00001	3.34	5.97	0.0581	0.00105	12.3	0.00505	0.0347	0.000295	0.000322	0.000207	0.192	0.00000242	0.000455	0.000611	0.00153	0.0000859
2111 Oct	0.0521	0.00001	3.35	5.99	0.0579	0.00105	12.3	0.00507	0.0345	0.000291	0.000322	0.000207	0.192	0.00000241	0.000458	0.000606	0.00152	0.0000862
2111 Nov	0.0516	0.00001	3.36	6	0.0575	0.00106	12.3	0.00509	0.0342	0.000286	0.000322	0.000208	0.193	0.00000241	0.000461	0.0006	0.00151	0.0000866
2111 Dec	0.0516	0.00001	3.36	6	0.0575	0.00106	12.3	0.00509	0.0342	0.000286	0.000322	0.000208	0.193	0.00000241	0.000461	0.0006	0.00151	0.0000866
2112 Jan	0.0516	0.00001	3.36	6	0.0575	0.00106	12.3	0.00509	0.0342	0.000286	0.000322	0.000208	0.193	0.00000241	0.000461	0.0006	0.00151	0.0000866
2112 Feb	0.0516	0.00001	3.36	6	0.0575	0.00106	12.3	0.00509	0.0342	0.000286	0.000322	0.000208	0.193	0.00000241	0.000461	0.0006	0.00151	0.0000866
2112 Mar	0.0516	0.00001	3.36	6	0.0575	0.00106	12.3	0.0051	0.0342	0.000286	0.000322	0.000208	0.193	0.00000241	0.000461	0.0006	0.00151	0.0000866
2112 Apr	0.0516	0.00001	3.37	6	0.0576	0.00106	12.3	0.0051	0.0342	0.000286	0.000323	0.000208	0.193	0.00000241	0.000462	0.0006	0.00151	0.0000867
2112 May	0.0518	0.00001	3.38	6.02	0.0579	0.00106	12.3	0.00511	0.0343	0.000288	0.000323	0.000209	0.193	0.00000241	0.000463	0.000603	0.00151	0.0000867
2112 Jun	0.0522	0.00000993	3.42	6.12	0.0598	0.00108	12.3	0.00518	0.0336	0.000301	0.000328	0.000212	0.196	0.00000238	0.000471	0.000618	0.0015	0.000087
2112 Jul	0.0521	0.00000994	3.44	6.15	0.06	0.00108	12.3	0.00521	0.0335	0.000302	0.00033	0.000214	0.197	0.00000238	0.000474	0.00062	0.0015	0.0000875
2112 Aug	0.0523	0.00000997	3.45	6.18	0.0602	0.00109	12.4	0.00523	0.0336	0.000303	0.000331	0.000214	0.198	0.00000239	0.000475	0.000622	0.0015	0.0000878
2112 Sep	0.0523	0.00000998	3.45	6.18	0.0602	0.00109	12.4	0.00524	0.0336	0.000303	0.000331	0.000214	0.198	0.00000239	0.000475	0.000622	0.00151	0.0000877
2112 Oct	0.0523	0.00000997	3.44	6.18	0.0602	0.00109	12.4	0.00524	0.0336	0.000302	0.000331	0.000214	0.198	0.00000239	0.000475	0.000622	0.0015	0.0000877
2112 Nov	0.0523	0.00000997	3.44	6.18	0.0602	0.00109	12.4	0.00524	0.0336	0.000302	0.000331	0.000214	0.198	0.00000239	0.000475	0.000622	0.0015	0.0000877
2112 Dec	0.0523	0.00000997	3.44	6.18	0.0602	0.00109	12.4	0.00524	0.0336	0.000302	0.000331	0.000214	0.198	0.00000239	0.000475	0.000622	0.0015	0.0000877
2113 Jan	0.0523	0.00000997	3.44	6.18	0.0602	0.00109	12.4	0.00524	0.0336	0.000302	0.000331	0.000214	0.198	0.00000239	0.000475	0.000622	0.0015	0.0000877
2113 Feb	0.0523	0.00000997	3.45	6.18	0.0602	0.00109	12.4	0.00524	0.0336	0.000302	0.000331	0.000214	0.198	0.00000239	0.000475	0.000622	0.0015	0.0000877
2113 Mar	0.0523	0.00000998	3.45	6.18	0.0602	0.00109	12.4	0.00524	0.0336	0.000302	0.000331	0.000214	0.198	0.00000239	0.000475	0.000622	0.0015	0.0000877
2113 Apr	0.0523	0.00000998	3.45	6.18	0.0602	0.00109	12.4	0.00524	0.0336	0.000303	0.000331	0.000214	0.198	0.00000239	0.000475	0.000622	0.00151	0.0000877
2113 May	0.0526	0.00001	3.46	6.2	0.0605	0.00109	12.4	0.00525	0.0337	0.000305	0.000332	0.000215	0.199	0.0000024	0.000476	0.000626	0.00151	0.0000878
2113 Jun	0.0536	0.0000101	3.49	6.27	0.0621	0.00109	12.4	0.0053	0.0339	0.000317	0.000337	0.000218	0.201	0.0000024	0.00048	0.000643	0.00153	0.0000879
2113 Jul	0.0538	0.0000101	3.51	6.3	0.0623	0.0011	12.5	0.00532	0.034	0.000318	0.000339	0.000218	0.202	0.00000241	0.000482	0.000646	0.00153	0.0000882
2113 Aug	0.0539	0.0000101	3.52	6.33	0.0625	0.0011	12.5	0.00534	0.0341	0.000319	0.00034	0.000219	0.202	0.00000242	0.000484	0.000648	0.00154	0.0000885
2113 Sep	0.0539	0.0000101	3.51	6.33	0.0625	0.0011	12.5	0.00534	0.0341	0.000319	0.00034	0.000219	0.202	0.00000242	0.000483	0.000647	0.00153	0.0000884
2113 Oct	0.0538	0.0000101	3.52	6.33	0.0624	0.00111	12.5	0.00535	0.0342	0.000317	0.00034	0.000219	0.202	0.00000241	0.000485	0.000646	0.00153	0.0000882
2113 Nov	0.0537	0.0000102	3.52	6.34	0.0623	0.00111	12.5	0.00536	0.0342	0.000316	0.00034	0.00022	0.203	0.00000242	0.000486	0.000645	0.00153	0.0000883
2113 Dec	0.0537	0.0000102	3.52	6.34	0.0623	0.00111	12.5	0.00536	0.0342	0.000316	0.00034	0.00022	0.203	0.00000242	0.000486	0.000645	0.00153	0.0000883
2114 Jan	0.0537	0.0000102	3.52	6.34	0.0623	0.00111	12.5	0.00536	0.0342	0.000316	0.00034	0.00022	0.203	0.00000242	0.000486	0.000645	0.00153	0.0000883
2114 Feb	0.0537	0.0000102	3.52	6.34	0.0623	0.00111	12.5	0.00536	0.0342	0.000316	0.00034	0.00022	0.203	0.00000242	0.000486	0.000645	0.00153	0.0000883
2114 Mar	0.0537	0.0000102	3.52	6.34	0.0623	0.00111	12.5	0.00536	0.0342	0.000316	0.00034	0.00022	0.203	0.00000242	0.000486	0.000646	0.00153	0.0000884
2114 Apr	0.0538	0.0000102	3.52	6.34	0.0624	0.00111	12.5	0.00536	0.0342	0.000316	0.000341	0.00022	0.203	0.00000242	0.000486	0.000646	0.00153	0.0000884
2114 May	0.0541	0.0000102	3.53	6.36	0.0627	0.00111	12.5	0.00537	0.0344	0.000319	0.000341	0.00022	0.203	0.00000242	0.000487	0.00065	0.00154	0.0000883
2114 Jun	0.0547	0.0000102	3.56	6.41	0.0635	0.00112	12.5	0.00539	0.0346	0.000324	0.000343	0.000222	0.205	0.00000243	0.00049	0.000658	0.00154	0.0000884

Appendix D.2-23: PUM04

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.055	0.0000103	3.58	6.45	0.0639	0.00112	12.6	0.00543	0.0348	0.000326	0.000345	0.000223	0.206	0.00000244	0.000493	0.000662	0.00155	0.0000888
2114 Aug	0.0553	0.0000104	3.6	6.48	0.0642	0.00113	12.6	0.00546	0.035	0.000328	0.000347	0.000224	0.207	0.00000245	0.000496	0.000665	0.00156	0.0000893
2114 Sep	0.0552	0.0000103	3.59	6.48	0.0641	0.00113	12.6	0.00546	0.035	0.000327	0.000347	0.000224	0.207	0.00000245	0.000495	0.000665	0.00156	0.0000892
2114 Oct	0.0551	0.0000103	3.58	6.47	0.0639	0.00113	12.6	0.00544	0.0349	0.000326	0.000346	0.000223	0.206	0.00000244	0.000494	0.000663	0.00156	0.0000889
2114 Nov	0.055	0.0000103	3.57	6.46	0.0638	0.00113	12.6	0.00543	0.0349	0.000325	0.000345	0.000223	0.206	0.00000244	0.000493	0.000662	0.00155	0.0000886
2114 Dec	0.055	0.0000103	3.58	6.46	0.0638	0.00113	12.6	0.00544	0.035	0.000325	0.000345	0.000223	0.206	0.00000244	0.000493	0.000662	0.00155	0.0000886
2115 Jan	0.055	0.0000103	3.58	6.46	0.0638	0.00113	12.6	0.00544	0.035	0.000325	0.000345	0.000223	0.206	0.00000244	0.000493	0.000662	0.00155	0.0000886
2115 Feb	0.055	0.0000103	3.58	6.46	0.0638	0.00113	12.6	0.00544	0.035	0.000325	0.000345	0.000223	0.206	0.00000244	0.000493	0.000662	0.00155	0.0000886
2115 Mar	0.055	0.0000103	3.58	6.46	0.0638	0.00113	12.6	0.00544	0.035	0.000325	0.000345	0.000223	0.206	0.00000244	0.000493	0.000662	0.00155	0.0000886
2115 Apr	0.0551	0.0000103	3.58	6.46	0.0639	0.00113	12.6	0.00544	0.035	0.000326	0.000346	0.000223	0.206	0.00000244	0.000493	0.000662	0.00156	0.0000887
2115 May	0.0555	0.0000104	3.58	6.47	0.0642	0.00113	12.6	0.00544	0.0353	0.000328	0.000346	0.000223	0.207	0.00000245	0.000493	0.000666	0.00156	0.0000885
2115 Jun	0.0562	0.0000105	3.6	6.51	0.0648	0.00113	12.6	0.00546	0.0358	0.000333	0.000347	0.000224	0.208	0.00000247	0.000495	0.000673	0.00157	0.0000885
2115 Jul	0.0565	0.0000105	3.62	6.54	0.0651	0.00114	12.7	0.00549	0.0359	0.000334	0.000349	0.000226	0.209	0.00000248	0.000497	0.000676	0.00158	0.0000889
2115 Aug	0.0564	0.0000105	3.61	6.54	0.065	0.00114	12.7	0.00548	0.0359	0.000334	0.000349	0.000225	0.209	0.00000247	0.000497	0.000675	0.00158	0.0000887
2115 Sep	0.0564	0.0000105	3.61	6.55	0.065	0.00114	12.7	0.00549	0.0359	0.000333	0.000349	0.000225	0.209	0.00000247	0.000497	0.000675	0.00158	0.0000887
2115 Oct	0.0564	0.0000105	3.61	6.55	0.065	0.00114	12.7	0.00549	0.0359	0.000333	0.000349	0.000225	0.209	0.00000247	0.000497	0.000675	0.00158	0.0000886
2115 Nov	0.0564	0.0000105	3.61	6.54	0.065	0.00114	12.7	0.00548	0.0359	0.000333	0.000349	0.000225	0.209	0.00000247	0.000496	0.000675	0.00158	0.0000885
2115 Dec	0.0564	0.0000105	3.61	6.54	0.065	0.00114	12.7	0.00548	0.0359	0.000333	0.000348	0.000225	0.209	0.00000247	0.000496	0.000675	0.00158	0.0000885
2116 Jan	0.0564	0.0000105	3.61	6.54	0.065	0.00114	12.7	0.00548	0.0359	0.000333	0.000348	0.000225	0.209	0.00000247	0.000496	0.000675	0.00158	0.0000885
2116 Feb	0.0564	0.0000105	3.61	6.54	0.065	0.00114	12.7	0.00548	0.0359	0.000333	0.000349	0.000225	0.209	0.00000247	0.000496	0.000675	0.00158	0.0000885
2116 Mar	0.0564	0.0000105	3.61	6.54	0.065	0.00114	12.7	0.00548	0.0359	0.000333	0.000349	0.000225	0.209	0.00000247	0.000496	0.000675	0.00158	0.0000885
2116 Apr	0.0564	0.0000105	3.61	6.55	0.065	0.00114	12.7	0.00549	0.0359	0.000334	0.000349	0.000225	0.209	0.00000247	0.000496	0.000676	0.00158	0.0000885
2116 May	0.057	0.0000106	3.62	6.56	0.0654	0.00114	12.7	0.00549	0.0363	0.000337	0.000349	0.000226	0.21	0.00000248	0.000496	0.00068	0.00159	0.0000883
2116 Jun	0.0603	0.0000108	3.64	6.62	0.0683	0.00113	12.6	0.00545	0.038	0.000365	0.00035	0.000227	0.213	0.00000251	0.000492	0.000715	0.00162	0.0000862
2116 Jul	0.0606	0.0000108	3.67	6.66	0.0688	0.00114	12.6	0.00548	0.0382	0.000367	0.000353	0.000228	0.214	0.00000252	0.000495	0.000719	0.00163	0.0000867
2116 Aug	0.0609	0.0000109	3.68	6.69	0.069	0.00115	12.7	0.0055	0.0383	0.000369	0.000354	0.000229	0.215	0.00000253	0.000498	0.000722	0.00164	0.000087
2116 Sep	0.0607	0.0000109	3.67	6.68	0.0688	0.00114	12.7	0.0055	0.0383	0.000367	0.000354	0.000229	0.214	0.00000253	0.000497	0.00072	0.00163	0.0000868
2116 Oct	0.0605	0.0000109	3.67	6.67	0.0685	0.00115	12.6	0.00549	0.0383	0.000364	0.000353	0.000228	0.214	0.00000253	0.000496	0.000717	0.00163	0.0000866
2116 Nov	0.0605	0.0000109	3.67	6.67	0.0685	0.00115	12.6	0.00549	0.0383	0.000364	0.000353	0.000228	0.214	0.00000253	0.000497	0.000717	0.00163	0.0000866
2116 Dec	0.0605	0.0000109	3.67	6.67	0.0685	0.00115	12.6	0.00549	0.0383	0.000364	0.000353	0.000228	0.214	0.00000253	0.000497	0.000717	0.00163	0.0000866
2117 Jan	0.0605	0.0000109	3.67	6.67	0.0685	0.00115	12.6	0.00549	0.0383	0.000364	0.000353	0.000228	0.214	0.00000253	0.000497	0.000717	0.00163	0.0000866
2117 Feb	0.0605	0.0000109	3.67	6.67	0.0685	0.00115	12.6	0.00549	0.0383	0.000364	0.000353	0.000228	0.214	0.00000253	0.000497	0.000717	0.00163	0.0000866
2117 Mar	0.0605	0.0000109	3.67	6.67	0.0685	0.00115	12.6	0.00549	0.0383	0.000364	0.000353	0.000228	0.214	0.00000253	0.000497	0.000717	0.00163	0.0000866
2117 Apr	0.0605	0.0000109	3.67	6.67	0.0685	0.00115	12.6	0.0055	0.0383	0.000364	0.000353	0.000228	0.214	0.00000253	0.000497	0.000717	0.00163	0.0000866
2117 May	0.0606	0.0000109	3.68	6.68	0.0687	0.00115	12.6	0.0055	0.0384	0.000365	0.000354	0.000229	0.215	0.00000253	0.000498	0.000719	0.00164	0.0000867
2117 Jun	0.061	0.000011	3.69	6.7	0.069	0.00115	12.6	0.00551	0.0388	0.000367	0.000354	0.000229	0.215	0.00000254	0.000499	0.000723	0.00164	0.0000865
2117 Jul	0.0613	0.000011	3.71	6.74	0.0693	0.00116	12.7	0.00554	0.0389	0.000369	0.000356	0.000231	0.216	0.00000255	0.000502	0.000727	0.00165	0.000087
2117 Aug	0.0615	0.000011	3.72	6.76	0.0695	0.00116	12.7	0.00556	0.039	0.00037	0.000357	0.000231	0.217	0.00000256	0.000503	0.000729	0.00165	0.0000872
2117 Sep	0.0616	0.0000111	3.72	6.77	0.0696	0.00116	12.7	0.00557	0.0391	0.00037	0.000358	0.000232	0.217	0.00000256	0.000504	0.00073	0.00166	0.0000873
2117 Oct	0.0615	0.0000111	3.72	6.77	0.0696	0.00116	12.7	0.00557	0.0391	0.00037	0.000358	0.000231	0.217	0.00000256	0.000503	0.000729	0.00166	0.0000872
2117 Nov	0.0615	0.000011	3.71	6.76	0.0695	0.00116	12.7	0.00556	0.039	0.00037	0.000357	0.000231	0.217	0.00000256	0.000503	0.000728	0.00165	0.0000871
2117 Dec	0.0615	0.000011	3.71	6.76	0.0695	0.00116	12.7	0.00556	0.039	0.00037	0.000357	0.000231	0.217	0.00000256	0.000503	0.000728	0.00165	0.0000871
2118 Jan	0.0615	0.000011	3.71	6.76	0.0695	0.00116	12.7	0.00556	0.039	0.00037	0.000357	0.000231	0.217	0.00000256	0.000503	0.000728	0.00165	0.0000871
2118 Feb	0.0615	0.000011	3.71	6.76	0.0695	0.00116	12.7	0.00556	0.039	0.00037	0.000357	0.000231	0.217	0.00000256	0.000503	0.000728	0.00165	0.0000871
2118 Mar	0.0615	0.000011	3.71	6.76	0.0695	0.00116	12.7	0.00556	0.039	0.00037	0.000357	0.000231	0.217	0.00000256	0.000503	0.000728	0.00165	0.0000871
2118 Apr	0.0615	0.0000111	3.72	6.77	0.0695	0.00116	12.7	0.00556	0.0391	0.00037	0.000358	0.000231	0.217	0.00000256	0.000503	0.000729	0.00166	0.0000871
2118 May	0.0626	0.0000111	3.72	6.78	0.0705	0.00116	12.7	0.00555	0.0396	0.000379	0.000358	0.000231	0.218	0.00000257	0.000501	0.00074	0.00167	0.0000864
2118 Jun	0.0649	0.0000112	3.72	6.8	0.0727	0.00114	12.6	0.00549	0.0404	0.000402	0.000358	0.000231	0.219	0.00000256	0.000495	0.000767	0.00168	0.0000845
2118 Jul	0.0652	0.0000112	3.74	6.84	0.0731	0.00115	12.7	0.00553	0.0407	0.000405	0.00036	0.000233	0.221	0.00000258	0.000498	0.000772	0.00169	0.000085
2118 Aug	0.0652	0.0000112	3.74	6.84	0.0731	0.00115	12.7	0.00553	0.0406	0.000404	0.00036	0.000233	0.221	0.00000258	0.000498	0.000771	0.00169	0.0000849
2118 Sep	0.0648	0.0000112	3.73	6.83	0.0727	0.00115	12.6	0.00552	0.0405	0.000401	0.000359	0.000232	0.22	0.00000257	0.000498	0.000766	0.00168	0.0000846
2118 Oct	0.0639	0.0000112	3.74	6.82	0.072	0.00116	12.5	0.00554	0.0401	0.000392	0.000359	0.000233	0.22	0.00000256	0.000501	0.000756	0.00167	0.0000851
2118 Nov	0.0635	0.0000112	3.74	6.82	0.0717	0.00116	12.5	0.00556	0.04	0.000389	0.000359	0.000233	0.22	0.00000256	0.000503	0.000752	0.00167	0.0000853
2118 Dec	0.0635	0.0000112	3.74	6.83	0.0717	0.00116	12.5	0.00556	0.04	0.000389	0.000359	0.000233	0.22	0.00000256	0.000503	0.000752	0.00167	0.0000853
2119 Jan	0.0635	0.0000112	3.74	6.83	0.0717	0.00117	12.5	0.00556	0.04	0.000389	0.000359	0.000233	0.22	0.00000256	0.000503	0.000752	0.00167	0.0000853
2119 Feb	0.0635	0.0000112	3.74	6.83	0.0717	0.00117	12.5	0.00556	0.04	0.000389	0.000359	0.000233	0.22	0.00000256	0.000503	0.000752	0.00167	0.0000853
2119 Mar	0.0635	0.0000112	3.74	6.83	0.0717	0.00117	12.5	0.00556	0.04	0.000389	0.000359	0.000233	0.22	0.00000256	0.000503	0.000752	0.00167	0.0000853
2119 Apr	0.0636	0.0000112	3.75	6.83	0.0718	0.00117	12.5	0.00556	0.04	0.000389	0.000359	0.000233	0.22	0.00000256	0.000504	0.000753	0.00167	0.0000854
2119 May	0.0631	0.0000111	3.76	6.86	0.0718	0.00117	12.5	0.00559	0.0395	0.000383	0.000359	0.000234	0.22	0.00000254	0.000508	0.000749	0.00165	0.0000858
2119 Jun	0.0627	0.0000111	3.77	6.88	0.0719	0.00118	12.5	0.00563	0.0391	0.000379	0.000361	0.000235	0.221	0.00000253	0.000512	0.000747	0.00164	0.0000863
2119 Jul	0.063	0.0000111	3.79	6.92	0.0722	0.00119	12.6	0.00566	0.0393	0.000381	0.000363	0.000236	0.222	0.00000255	0.000515	0.000751	0.00165	0.0000868
2119 Aug	0.0631	0.0000111	3.8	6.94	0.0724	0.00119	12.6	0.00568	0.0394	0.000382	0.000364	0.000237	0.223	0.00000255	0.000516	0.000753	0.00165	0.0000869
2119 Sep	0.063	0.0000111	3.79	6.93	0.0723	0.00119	12.6	0.00567	0.0393	0.000381	0.000363	0.000236	0.222	0.00000255	0.000515	0.000751	0.00165	0.0000867
2119 Oct	0.0627	0.0000111	3.79	6.93	0.072	0.00119	12.6	0.00568	0.0391	0.000377	0.000363	0.000236	0.222	0.00000254	0.000516	0.000747	0.00164	0.0000868
2119 Nov	0.0623	0.0000111	3.8	6.94	0.0718	0.0012	12.6	0.00569	0.039	0.000374	0.000363	0.000237	0.222	0.00000254	0.000518	0.000744	0.00164	0.0000871
2119 Dec	0.0623	0.0000111	3.8	6.94	0.0718	0.0012	12.6	0.00569	0.039	0.000373	0.000363	0.000237	0.222	0.00000254	0.000518	0.000744	0.00164	0.0000871

Appendix D.2-24: FZO01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	1.98	0.00176	0.000529	0.0000137	0.503	0.000275	0.172	0.0000137	0.0000137	6.87E-08	0.0000811	0.0000385	0.0000948	0.000996	6.87E-08	0.79	0.000000275	0.00000962	0.0000165	0.0000261
Operation (2026-2036): Mean	4230	3.26	10.8	0.197	1010	0.242	338	0.000525	0.000525	0.00000661	0.01	0.0212	0.358	0.0261	0.00000817	56.2	0.0000687	0.00139	0.00056	0.00448
Operation (2026-2036): Max	6600	5.06	17	0.314	1720	0.361	525	0.000735	0.000735	0.00000766	0.0118	0.0634	0.552	0.0323	0.0000101	77.7	0.0000975	0.00201	0.000741	0.00653
Active Closure (2037-2043): Min	384	0.214	0.669	0.0129	66.4	0.0412	30.6	0.000572	0.000572	0.00000492	0.00441	0.0018	0.0328	0.0125	0.00000507	13.6	0.0000142	0.000213	0.000177	0.00108
Active Closure (2037-2043): Mean	1090	0.736	2.41	0.0437	208	0.078	86.8	0.000879	0.000879	0.00000531	0.00516	0.00495	0.0916	0.0143	0.00000572	20.7	0.0000231	0.000411	0.000238	0.00171
Active Closure (2037-2043): Max	4250	3.28	10.9	0.192	878	0.247	341	0.000937	0.000937	0.00000701	0.0103	0.0208	0.364	0.0277	0.00000855	57.9	0.0000705	0.00145	0.000579	0.00453
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2043)																				
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	1.98	0.00176	0.000529	0.0000137	0.503	0.000275	0.172	0.0000137	0.0000137	6.87E-08	0.0000811	0.0000385	0.0000948	0.000996	6.87E-08	0.79	0.000000275	0.00000962	0.0000165	0.0000261
2028 Feb	4.85	0.0043	0.00129	0.0000336	1.23	0.000672	0.42	0.0000336	0.0000336	0.000000168	0.000198	0.0000941	0.000232	0.00244	0.000000168	1.93	0.000000672	0.0000235	0.0000403	0.0000639
2028 Mar	6.71	0.00596	0.00179	0.0000466	1.7	0.000931	0.582	0.0000466	0.0000466	0.000000233	0.000275	0.00013	0.000321	0.00338	0.000000233	2.68	0.000000931	0.0000326	0.0000559	0.0000885
2028 Apr	8.09	0.00718	0.00216	0.0000561	2.05	0.00112	0.701	0.0000561	0.0000561	0.00000028	0.000331	0.000157	0.000387	0.00407	0.00000028	3.22	0.00000112	0.0000393	0.0000673	0.000107
2028 May	76.5	0.0598	0.177	0.00328	19.9	0.00494	6.15	0.0000659	0.0000659	0.000000392	0.000493	0.034	0.00609	0.00477	0.000000417	4.35	0.00000226	0.0000639	0.0000816	0.000184
2028 Jun	3010	2.32	7.77	0.144	787	0.172	239	0.000561	0.000561	0.00000558	0.00849	0.0466	0.255	0.0183	0.0000067	39.7	0.000054	0.00101	0.000388	0.00322
2028 Jul	4500	3.46	11.6	0.215	1180	0.253	358	0.000561	0.000561	0.00000696	0.0105	0.0264	0.379	0.0237	0.00000863	56.2	0.0000736	0.00144	0.000538	0.00465
2028 Aug	5950	4.57	15.3	0.283	1560	0.328	473	0.000394	0.000394	0.00000745	0.0114	0.0379	0.499	0.0273	0.00000967	71	0.00009	0.00183	0.000678	0.00595
2028 Sep	6060	4.66	15.6	0.288	1580	0.335	482	0.000373	0.000373	0.00000744	0.0116	0.0283	0.507	0.028	0.0000097	72.6	0.0000909	0.00186	0.000691	0.00608
2028 Oct	2930	2.3	7.5	0.139	767	0.184	234	0.000699	0.000699	0.00000618	0.01	0.00995	0.25	0.0224	0.00000726	43.1	0.0000514	0.000999	0.000399	0.00343
2028 Nov	2890	2.26	7.39	0.137	754	0.182	230	0.000707	0.000707	0.00000617	0.01	0.00973	0.246	0.0224	0.00000724	42.7	0.0000509	0.000987	0.000395	0.00339
2028 Dec	2840	2.23	7.28	0.135	743	0.18	227	0.000711	0.000711	0.00000615	0.00999	0.00961	0.242	0.0223	0.0000072	42.3	0.0000504	0.000975	0.000391	0.00336
2029 Jan	2830	2.22	7.23	0.134	739	0.179	226	0.000713	0.000713	0.00000615	0.00997	0.00956	0.241	0.0224	0.00000719	42.3	0.0000501	0.000971	0.000392	0.00335
2029 Feb	2820	2.21	7.21	0.133	737	0.179	225	0.000714	0.000714	0.00000614	0.00996	0.00953	0.24	0.0226	0.00000718	42.3	0.00005	0.00097	0.000395	0.00334
2029 Mar	2810	2.21	7.19	0.133	735	0.178	224	0.000715	0.000715	0.00000614	0.00995	0.00952	0.24	0.0227	0.00000718	42.4	0.00005	0.00097	0.000397	0.00334
2029 Apr	2810	2.2	7.18	0.133	734	0.178	224	0.000716	0.000716	0.00000614	0.00995	0.00951	0.239	0.0228	0.00000718	42.4	0.00005	0.00097	0.000398	0.00334
2029 May	2820	2.22	7.22	0.134	738	0.179	225	0.000719	0.000719	0.00000617	0.01	0.0112	0.241	0.023	0.00000722	42.7	0.0000502	0.000976	0.000402	0.00336
2029 Jun	2770	2.15	7.1	0.132	724	0.17	221	0.000735	0.000735	0.00000621	0.00977	0.0497	0.236	0.0211	0.00000723	40.5	0.0000519	0.000963	0.000385	0.00321
2029 Jul	3650	2.83	9.48	0.175	955	0.209	290	0.000625	0.000625	0.00000651	0.00987	0.0128	0.31	0.0211	0.00000786	47.3	0.0000064	0.00121	0.000452	0.00387
2029 Aug	5720	4.4	14.8	0.273	1500	0.316	455	0.000419	0.000419	0.00000737	0.0113	0.0239	0.48	0.0268	0.0000095	68.8	0.0000872	0.00177	0.000655	0.00574
2029 Sep	6340	4.87	16.3	0.302	1660	0.349	505	0.000345	0.000345	0.00000756	0.0118	0.0291	0.531	0.0286	0.00000993	75.3	0.0000944	0.00194	0.000718	0.00632
2029 Oct	6060	4.67	15.6	0.289	1580	0.336	482	0.000374	0.000374	0.00000745	0.0117	0.0257	0.508	0.0281	0.00000971	72.7	0.000091	0.00187	0.000692	0.00608
2029 Nov	5060	3.92	13.1	0.241	1320	0.287	403	0.000474	0.000474	0.00000704	0.0111	0.0174	0.426	0.0263	0.00000892	63.3	0.0000783	0.00159	0.000598	0.00523
2029 Dec	4960	3.84	12.8	0.237	1300	0.283	395	0.000484	0.000484	0.000007	0.011	0.0171	0.417	0.0261	0.00000884	62.3	0.0000771	0.00156	0.000588	0.00515
2030 Jan	4930	3.82	12.7	0.235	1290	0.281	393	0.000488	0.000488	0.00000699	0.011	0.017	0.415	0.0262	0.00000882	62.1	0.0000767	0.00156	0.000588	0.00512
2030 Feb	4910	3.81	12.7	0.234	1290	0.28	391	0.000489	0.000489	0.00000698	0.011	0.0169	0.413	0.0263	0.00000881	62.1	0.0000765	0.00155	0.00059	0.00511
2030 Mar	4910	3.8	12.7	0.234	1280	0.28	391	0.000491	0.000491	0.00000698	0.011	0.0169	0.413	0.0264	0.0000088	62.1	0.0000764	0.00155	0.000591	0.00511
2030 Apr	4900	3.8	12.7	0.234	1280	0.279	390	0.000492	0.000492	0.00000698	0.011	0.0169	0.412	0.0265	0.0000088	62.1	0.0000764	0.00155	0.000593	0.00511
2030 May	4920	3.81	12.7	0.235	1290	0.281	392	0.000495	0.000495	0.00000701	0.0111	0.0312	0.414	0.0267	0.00000884	62.4	0.0000767	0.00156	0.000596	0.00513
2030 Jun	3770	2.91	9.75	0.18	987	0.216	300	0.000614	0.000614	0.00000655	0.0101	0.0227	0.319	0.022	0.00000795	49.1	0.000065	0.00124	0.000471	0.00401
2030 Jul	5430	4.17	14	0.258	1420	0.301	432	0.000447	0.000447	0.00000723	0.011	0.0215	0.455	0.0259	0.00000926	65.6	0.0000838	0.00169	0.000627	0.00548
2030 Aug	6330	4.86	16.3	0.301	1650	0.348	504	0.000345	0.000345	0.00000755	0.0115	0.0312	0.53	0.0284	0.00000992	74.9	0.0000936	0.00193	0.000715	0.0063
2030 Sep	6600	5.06	17	0.314	1720	0.361	525	0.000317	0.000317	0.00000766	0.0118	0.0376	0.552	0.029	0.0000101	77.7	0.0000975	0.00201	0.000741	0.00653
2030 Oct	6330	4.87	16.3	0.301	1660	0.349	504	0.000346	0.000346	0.00000756	0.0118	0.0252	0.53	0.0286	0.00000993	75.3	0.0000944	0.00194	0.000717	0.00631
2030 Nov	5660	4.37	14.6	0.27	1480	0.317	451	0.000415	0.000415	0.0000073	0.0114	0.0197	0.475	0.0274	0.00000941	69	0.000086	0.00176	0.000655	0.00575
2030 Dec	5540	4.28	14.3	0.264	1450	0.31	441	0.000428	0.000428	0.00000725	0.0114	0.0193	0.465	0.0272	0.00000931	67.8	0.0000844	0.00172	0.000643	0.00564
2031 Jan	5490	4.24	14.2	0.262	1440	0.308	437	0.000433	0.000433	0.00000723	0.0114	0.0191	0.461	0.0273	0.00000928	67.5	0.0000838	0.00171	0.000642	0.0056
2031 Feb	5470	4.22	14.1	0.26	1430	0.307	435	0.000436	0.000436	0.00000722	0.0113	0.0191	0.459	0.0275	0.00000926	67.5	0.0000835	0.00171	0.000644	0.00559
2031 Mar	5450	4.21	14.1	0.26	1430	0.306	434	0.000437	0.000437	0.00000721	0.0113	0.019	0.458	0.0276	0.00000925	67.4	0.0000834	0.0017	0.000646	0.00558
2031 Apr	5460	4.22	14.1	0.26	1430	0.306	434	0.00044	0.00044	0.00000723	0.0113	0.03	0.458	0.0278	0.00000926	67.6	0.0000835	0.00171	0.000649	0.00558
2031 May	5400	4.16	13.9	0.256	1400	0.303	430	0.000456	0.000456	0.00000726	0.0113	0.0634	0.453	0.0289	0.00000927	67.9	0.0000831	0.0017	0.000666	0.00555

Appendix D.2-24: FZO01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Jun	3760	2.87	9.53	0.174	928	0.214	299	0.00062	0.00062	0.00000656	0.00977	0.0244	0.316	0.0323	0.00000794	56.8	0.0000646	0.00132	0.000656	0.00419
2031 Jul	3980	3.04	10.1	0.185	979	0.225	317	0.00061	0.00061	0.00000671	0.01	0.0254	0.334	0.0322	0.00000818	58.5	0.0000674	0.00137	0.000664	0.00438
2031 Aug	4390	3.35	11.2	0.204	1080	0.247	350	0.000572	0.000572	0.00000692	0.0104	0.026	0.369	0.032	0.00000854	61.9	0.0000724	0.00148	0.00068	0.00473
2031 Sep	4700	3.6	12	0.219	1150	0.264	375	0.000536	0.000536	0.00000704	0.0106	0.0253	0.396	0.0313	0.00000878	63.9	0.0000758	0.00156	0.00068	0.00498
2031 Oct	4670	3.57	11.9	0.217	1140	0.264	372	0.000533	0.000533	0.000007	0.0106	0.0235	0.393	0.0301	0.00000873	62.8	0.0000749	0.00153	0.000652	0.00494
2031 Nov	4610	3.54	11.8	0.215	1120	0.262	368	0.000538	0.000538	0.00000698	0.0106	0.0231	0.389	0.0299	0.00000869	62.2	0.0000742	0.00152	0.000645	0.00489
2031 Dec	4600	3.53	11.7	0.214	1120	0.261	367	0.000539	0.000539	0.00000698	0.0106	0.0231	0.388	0.0298	0.00000868	62.1	0.0000741	0.00152	0.000644	0.00488
2032 Jan	4600	3.53	11.7	0.214	1120	0.261	367	0.00054	0.00054	0.00000698	0.0106	0.023	0.388	0.0298	0.00000868	62.1	0.0000741	0.00152	0.000644	0.00488
2032 Feb	4600	3.53	11.7	0.214	1120	0.261	367	0.00054	0.00054	0.00000697	0.0106	0.023	0.388	0.0299	0.00000867	62.1	0.000074	0.00152	0.000644	0.00488
2032 Mar	4600	3.52	11.7	0.214	1120	0.261	366	0.00054	0.00054	0.00000697	0.0106	0.023	0.387	0.0299	0.00000867	62.1	0.000074	0.00152	0.000645	0.00488
2032 Apr	4600	3.52	11.7	0.214	1120	0.261	366	0.00054	0.00054	0.00000698	0.0106	0.023	0.387	0.0299	0.00000868	62.1	0.000074	0.00152	0.000645	0.00488
2032 May	4610	3.54	11.8	0.215	1120	0.262	368	0.000541	0.000541	0.00000699	0.0106	0.0259	0.389	0.03	0.0000087	62.3	0.0000742	0.00152	0.000647	0.00489
2032 Jun	4130	3.16	10.5	0.191	988	0.236	329	0.000585	0.000585	0.00000677	0.0103	0.0233	0.349	0.0269	0.0000083	55.8	0.0000689	0.00137	0.000571	0.00441
2032 Jul	4170	3.19	10.6	0.193	979	0.238	333	0.000572	0.000572	0.00000678	0.0102	0.0206	0.354	0.0256	0.00000831	55.3	0.0000696	0.00138	0.000552	0.00441
2032 Aug	4290	3.28	10.9	0.198	1000	0.244	342	0.000563	0.000563	0.00000684	0.0103	0.0208	0.363	0.0258	0.00000842	56.4	0.0000709	0.00141	0.00056	0.00451
2032 Sep	4340	3.32	11.1	0.2	1010	0.247	346	0.00056	0.00056	0.00000688	0.0104	0.0211	0.368	0.0259	0.00000848	57	0.0000715	0.00143	0.000564	0.00457
2032 Oct	4380	3.35	11.1	0.202	1020	0.249	349	0.000557	0.000557	0.0000069	0.0104	0.0212	0.371	0.026	0.00000851	57.3	0.0000719	0.00144	0.000567	0.0046
2032 Nov	4370	3.34	11.1	0.202	1020	0.249	349	0.000557	0.000557	0.0000069	0.0104	0.0212	0.371	0.026	0.00000851	57.3	0.0000719	0.00144	0.000566	0.00459
2032 Dec	4360	3.33	11.1	0.201	1010	0.248	347	0.000559	0.000559	0.00000689	0.0104	0.021	0.369	0.026	0.0000085	57.1	0.0000716	0.00143	0.000564	0.00458
2033 Jan	4350	3.33	11.1	0.201	1010	0.248	347	0.000559	0.000559	0.00000689	0.0104	0.021	0.369	0.026	0.00000849	57.1	0.0000716	0.00143	0.000564	0.00458
2033 Feb	4350	3.33	11.1	0.201	1010	0.248	347	0.000559	0.000559	0.00000689	0.0104	0.021	0.369	0.026	0.00000849	57.1	0.0000715	0.00143	0.000564	0.00458
2033 Mar	4350	3.33	11.1	0.2	1010	0.248	347	0.00056	0.00056	0.00000689	0.0104	0.021	0.369	0.026	0.00000849	57.1	0.0000715	0.00143	0.000565	0.00458
2033 Apr	4350	3.33	11.1	0.201	1010	0.248	347	0.00056	0.00056	0.00000689	0.0104	0.021	0.369	0.026	0.0000085	57.1	0.0000716	0.00143	0.000565	0.00458
2033 May	4250	3.25	10.8	0.195	986	0.242	339	0.000572	0.000572	0.00000685	0.0103	0.0216	0.36	0.0267	0.00000842	56.7	0.0000704	0.00141	0.000572	0.0045
2033 Jun	4160	3.18	10.6	0.191	949	0.237	332	0.000575	0.000575	0.0000068	0.0102	0.0208	0.353	0.0274	0.00000833	56.6	0.0000693	0.0014	0.000581	0.00443
2033 Jul	4250	3.25	10.8	0.195	966	0.242	339	0.000569	0.000569	0.00000687	0.0103	0.021	0.361	0.0276	0.00000843	57.5	0.0000705	0.00142	0.000587	0.00451
2033 Aug	4310	3.3	11	0.198	979	0.246	344	0.000569	0.000569	0.00000693	0.0103	0.0214	0.366	0.0278	0.00000852	58.2	0.0000714	0.00144	0.000593	0.00458
2033 Sep	4380	3.36	11.2	0.201	990	0.25	350	0.00056	0.00056	0.00000697	0.0104	0.0214	0.372	0.0278	0.00000858	58.9	0.0000722	0.00146	0.000596	0.00464
2033 Oct	4350	3.35	11.1	0.2	978	0.249	348	0.000557	0.000557	0.00000694	0.0104	0.0208	0.37	0.0275	0.00000853	58.4	0.0000715	0.00145	0.000587	0.00461
2033 Nov	4340	3.33	11.1	0.199	974	0.249	346	0.000559	0.000559	0.00000693	0.0104	0.0207	0.369	0.0275	0.00000852	58.2	0.0000713	0.00145	0.000585	0.00459
2033 Dec	4340	3.33	11.1	0.199	973	0.248	346	0.000559	0.000559	0.00000693	0.0104	0.0207	0.369	0.0275	0.00000852	58.2	0.0000713	0.00145	0.000585	0.00459
2034 Jan	4330	3.33	11.1	0.199	973	0.248	346	0.000559	0.000559	0.00000693	0.0104	0.0207	0.369	0.0275	0.00000852	58.2	0.0000713	0.00145	0.000585	0.00459
2034 Feb	4330	3.33	11.1	0.199	973	0.248	346	0.00056	0.00056	0.00000693	0.0104	0.0207	0.369	0.0275	0.00000852	58.2	0.0000713	0.00145	0.000585	0.00459
2034 Mar	4330	3.33	11.1	0.199	973	0.248	346	0.00056	0.00056	0.00000693	0.0104	0.0207	0.368	0.0275	0.00000852	58.2	0.0000713	0.00145	0.000585	0.00459
2034 Apr	4340	3.33	11.1	0.199	974	0.248	346	0.00056	0.00056	0.00000693	0.0104	0.0207	0.369	0.0275	0.00000852	58.2	0.0000713	0.00145	0.000585	0.00459
2034 May	4320	3.32	11	0.198	969	0.248	345	0.000564	0.000564	0.00000694	0.0104	0.0217	0.367	0.0277	0.00000852	58.2	0.0000711	0.00145	0.000587	0.00458
2034 Jun	4150	3.19	10.6	0.19	922	0.238	331	0.000579	0.000579	0.00000686	0.0102	0.0207	0.353	0.0286	0.00000837	57.5	0.0000691	0.00141	0.000596	0.00445
2034 Jul	4230	3.26	10.8	0.193	935	0.243	338	0.000572	0.000572	0.00000691	0.0102	0.0209	0.36	0.0286	0.00000846	58.3	0.0000701	0.00143	0.0006	0.00453
2034 Aug	4270	3.29	10.9	0.195	942	0.245	341	0.000574	0.000574	0.00000696	0.0103	0.0211	0.364	0.0288	0.00000852	58.7	0.0000707	0.00145	0.000604	0.00457
2034 Sep	4310	3.32	11	0.197	946	0.248	345	0.000568	0.000568	0.00000698	0.0103	0.0211	0.367	0.0287	0.00000856	59.1	0.0000712	0.00146	0.000604	0.0046
2034 Oct	4300	3.31	11	0.196	939	0.248	344	0.000566	0.000566	0.00000697	0.0103	0.0208	0.366	0.0285	0.00000853	58.8	0.0000709	0.00145	0.000598	0.00459
2034 Nov	4290	3.31	10.9	0.196	936	0.247	343	0.000567	0.000567	0.00000696	0.0103	0.0207	0.366	0.0285	0.00000853	58.7	0.0000707	0.00145	0.000597	0.00458
2034 Dec	4290	3.3	10.9	0.196	936	0.247	343	0.000568	0.000568	0.00000696	0.0103	0.0207	0.366	0.0285	0.00000853	58.7	0.0000707	0.00145	0.000597	0.00458
2035 Jan	4290	3.3	10.9	0.196	936	0.247	343	0.000568	0.000568	0.00000696	0.0103	0.0207	0.366	0.0285	0.00000853	58.7	0.0000707	0.00145	0.000597	0.00458
2035 Feb	4290	3.3	10.9	0.196	936	0.247	343	0.000568	0.000568	0.00000696	0.0103	0.0207	0.365	0.0285	0.00000853	58.7	0.0000707	0.00145	0.000597	0.00458
2035 Mar	4290	3.3	10.9	0.196	936	0.247	343	0.000568	0.000568	0.00000696	0.0103	0.0207	0.365	0.0285	0.00000853	58.7	0.0000707	0.00145	0.000597	0.00458
2035 Apr	4290	3.31	10.9	0.196	936	0.247	343	0.000568	0.000568	0.00000697	0.0103	0.0207	0.366	0.0285	0.00000853	58.7	0.0000707	0.00145	0.000597	0.00458
2035 May	4300	3.31	11	0.196	938	0.248	344	0.000569	0.000569	0.00000698	0.0103	0.0212	0.366	0.0286	0.00000854	58.9	0.0000709	0.00145	0.000599	0.00459
2035 Jun	4110	3.16	10.5	0.187	886	0.237	329	0.000584	0.000584	0.00000688	0.0102	0.0204	0.351	0.0281	0.00000838	56.9	0.0000687	0.0014	0.000582	0.00441
2035 Jul	4150	3.2	10.6	0.189	889	0.24	332	0.000581	0.000581	0.00000691	0.0102	0.0205	0.354	0.028	0.00000842	57.2	0.0000692	0.00141	0.000583	0.00444
2035 Aug	4200	3.24	10.7	0.191	898	0.243	336	0.000579	0.000579	0.00000696	0.0103	0.0207	0.359	0.0282	0.00000849	57.8	0.0000699	0.00143	0.000587	0.00449
2035 Sep	4230	3.26	10.8	0.192	896	0.244	338	0.000573	0.000573	0.00000696	0.0103	0.0205	0.361	0.028	0.0000085	57.9	0.0000701	0.00144	0.000585	0.00451
2035 Oct	4240	3.27	10.8	0.192	896	0.245	339	0.000571	0.000571	0.00000697	0.0103	0.0205	0.362	0.028	0.00000851	58	0.0000702	0.00144	0.000584	0.00452
2035 Nov	4240	3.27	10.8	0.192	895	0.245	339	0.00057	0.00057	0.00000696	0.0103	0.0204	0.362	0.028	0.0000085	58	0.0000701	0.00144	0.000583	0.00452
2035 Dec	4230	3.27	10.8	0.192	894	0.245	339	0.00057	0.00057	0.00000696	0.0103	0.0204	0.362	0.0279	0.0000085	57.9	0.0000701	0.00144	0.000583	0.00452
2036 Jan	4230	3.27	10.8	0.192	894	0.245	339	0.00057	0.00057	0.00000696	0.0103	0.0204	0.362	0.028	0.0000085	57.9	0.0000701	0.00144	0.000583	0.00452
2036 Feb	4230	3.27	10.8	0.192	894	0.245	339	0.00057	0.00057	0.00000696	0.0103	0.0204	0.362	0.028	0.0000085	57.9	0.0000701	0.00144	0.000583	0.00452
2036 Mar	4230	3.27	10.8	0.192	894	0.245	339	0.00057	0.00057	0.00000696	0.0103	0.0204	0.362	0.028	0.0000085	57.9	0.0000701	0.00144	0.000583	0.00452
2036 Apr	4240	3.27	10.8	0.192	894	0.245	339	0.000571	0.000571	0.00000696	0.0103	0.0206	0.362	0.028	0.0000085	58	0.0000701	0.00144	0.000583	0.00452
2036 May	4240	3.27	10.8	0.193	895	0.245	340	0.000571	0.000571	0.00000698	0.0103	0.0212	0.363	0.028	0.00000852	58.1	0.0000702	0.00144	0.000584	0.00453
2036 Jun	4190	3.23	10.7	0.19	878	0.243	336	0.000575	0.000575	0.00000695	0.0102	0.0208	0.359	0.0276	0.00000847	57.3	0.0000697	0.00143	0.000575	0.00447
2036 Jul	4200	3.24	10.7	0.19	874	0.243	336	0.000575	0.000575	0.00000696	0.0103	0.0206	0.359	0.0275	0.00000848	57.3	0.0000698	0.00143	0.000573	0.00448
2036 Aug	4220	3.26	10.8	0.191	878	0.245	338	0.000576	0.000576	0.000007	0.0103	0.0208	0.362	0.0276	0.00000853	57.6	0.0000702	0.00144	0.000576	0.0045
2036 Sep	4260	3.28	10.9	0.193	882	0.246	341	0.000573	0.000573	0.00000702	0.0103	0.0209	0.365	0.0277	0.00000856	58	0.0000706	0.00145	0.000578	0.00453
2036 Oct	4260	3.29	10.9	0.193	881	0.247	341	0.000571	0.000571	0.00000702	0.0103	0.0209	0.365	0.0276	0.00000856	58	0.0000706	0.00145	0.000577	0.00454
2036 Nov	4260	3.29	10.9	0.193	880	0.247	341	0.000571	0.000571	0.00000701	0.0103	0.0208	0.365	0.0276	0.00000856	57.9	0.0000706	0.00145	0.000576	0.00453
2036 Dec	4260	3.28	10.9	0.192	878	0.247	341	0.000572	0.000572	0.00000701	0.0103	0.0208	0.364	0.0276	0.00000855	57.9	0.0000705	0.00145	0.000576	0.00453
2037 Jan	4250	3.28	10.9	0.192	878	0.246	341	0.000572	0.000572	0.00000701	0.0103	0.0208	0.364	0.0276	0.00000855	57.9	0.0000705	0.00145	0.000576	0.00453
2037 Feb	4250	3.28	10.9	0.192	878	0.246	341	0.000572	0.000572	0.00000701	0.0103	0.0208	0.364	0.0276	0.00000855	57.9	0.0000705	0.00144	0.000576	0.00453
2037 Mar	4250	3.28	10.9	0.192	878	0.246	341	0.000572	0.000572	0.00000701	0.0103	0.0208	0.364	0.0276	0.00000855	57.9	0.0000705	0.00145	0.000576	0.00453
2037 Apr	4250	3.28	10.9	0.192	878	0.247	341	0.000572	0.000572	0.00000701	0.0103	0.0208	0.364	0.0276	0.00000855	57.9	0.0000705	0.00145	0.000576	0.00453
2037 May	4220	3.24	10.7	0.19	868	0.244	338	0.000575	0.000575	0.00000697	0.0103	0.0205	0.361	0.0277	0.0000085	57.6	0.0000701	0.00143	0.000579	0.0045
2037 Jun	3550	2.6	8.6	0.153	710	0.206	283	0.000635	0.000635	0.00000646	0.00907	0.0165	0.3	0.0245	0.00000777	49.2	0.0000596	0.00119	0.000509	0.00391
2037 Jul	2710	1.96	6.48	0.116	538	0.162	216	0.000724	0.000724	0.00000609	0.00752	0.0125	0.228	0.0202	0.0000071	38.8	0.0000465	0.000926	0.000401	0.00317
2037 Aug	2200	1.57	5.2	0.093	434	0.136	175	0.000778	0.000778	0.00000587	0.0066	0.0101	0.185	0.0177	0.00000669	32.5	0.0000385	0.000756	0.00034	0.0027
2037 Sep	1860	1.32	4.35	0.078	366	0.118	148	0.000814	0.000814	0.00000573	0.00602	0.00847	0.156	0.0161	0.00000642	28.4	0.0000332	0.000636	0.000302	0.00239
2037 Oct	1720	1.21	4	0.0718	338	0.111	138	0.000826	0.000826	0.00000565	0.00579	0.00779	0.145	0.0154	0.0000063	26.8	0.0000311	0.000587	0.000287	0.00227

Appendix D.2-24: FZO01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Nov	1720	1.21	3.99	0.0717	338	0.111	138	0.000826	0.000826	0.00000565	0.00579	0.00779	0.145	0.0154	0.0000063	26.8	0.0000311	0.000587	0.000287	0.00227
2037 Dec	1720	1.21	3.99	0.0717	338	0.111	138	0.000826	0.000826	0.00000565	0.00579	0.00779	0.145	0.0154	0.0000063	26.8	0.0000311	0.000587	0.000287	0.00227
2038 Jan	1720	1.21	3.99	0.0717	338	0.111	138	0.000826	0.000826	0.00000565	0.00579	0.00779	0.145	0.0154	0.0000063	26.8	0.0000311	0.000587	0.000287	0.00227
2038 Feb	1720	1.21	3.99	0.0717	338	0.111	138	0.000826	0.000826	0.00000565	0.00579	0.00779	0.145	0.0154	0.0000063	26.8	0.0000311	0.000587	0.000287	0.00227
2038 Mar	1720	1.21	3.99	0.0717	338	0.111	138	0.000826	0.000826	0.00000565	0.00579	0.00779	0.145	0.0154	0.0000063	26.8	0.0000311	0.000587	0.000287	0.00227
2038 Apr	1720	1.21	3.99	0.0718	338	0.111	138	0.000827	0.000827	0.00000565	0.00579	0.00779	0.145	0.0154	0.0000063	26.8	0.0000311	0.000587	0.000287	0.00227
2038 May	1730	1.21	3.98	0.0716	337	0.111	138	0.000827	0.000827	0.00000565	0.0058	0.00777	0.145	0.0155	0.0000063	26.9	0.0000312	0.000588	0.000289	0.00227
2038 Jun	1630	1.11	3.65	0.0657	312	0.105	129	0.000834	0.000834	0.00000556	0.00564	0.00715	0.135	0.0153	0.00000617	25.8	0.0000297	0.000555	0.000283	0.00219
2038 Jul	1440	0.977	3.22	0.0582	277	0.0963	115	0.000856	0.000856	0.00000551	0.0053	0.00635	0.12	0.0143	0.00000605	23.6	0.0000269	0.000503	0.000258	0.00204
2038 Aug	1300	0.873	2.88	0.0521	248	0.0891	104	0.000873	0.000873	0.00000546	0.00505	0.00569	0.108	0.0136	0.00000595	21.8	0.0000247	0.000456	0.00024	0.00191
2038 Sep	1190	0.789	2.6	0.0472	226	0.0833	94.8	0.000884	0.000884	0.00000541	0.00486	0.00516	0.099	0.013	0.00000585	20.5	0.0000229	0.000414	0.000227	0.0018
2038 Oct	1140	0.75	2.47	0.0449	216	0.0808	90.8	0.000888	0.000888	0.00000538	0.00477	0.00491	0.0949	0.0128	0.00000581	19.9	0.0000222	0.000396	0.000222	0.00176
2038 Nov	1140	0.75	2.47	0.0449	216	0.0808	90.9	0.000888	0.000888	0.00000538	0.00477	0.00491	0.0949	0.0128	0.00000581	19.9	0.0000222	0.000396	0.000222	0.00176
2038 Dec	1140	0.75	2.47	0.0449	216	0.0808	90.9	0.000888	0.000888	0.00000538	0.00477	0.00491	0.0949	0.0128	0.00000581	19.9	0.0000222	0.000396	0.000222	0.00176
2039 Jan	1140	0.75	2.47	0.0449	216	0.0808	90.9	0.000888	0.000888	0.00000538	0.00477	0.00491	0.0949	0.0128	0.00000581	19.9	0.0000222	0.000396	0.000222	0.00176
2039 Feb	1140	0.75	2.47	0.0449	216	0.0808	90.9	0.000888	0.000888	0.00000538	0.00477	0.00491	0.0949	0.0128	0.00000581	19.9	0.0000222	0.000396	0.000222	0.00176
2039 Mar	1140	0.75	2.47	0.0449	216	0.0808	90.9	0.000888	0.000888	0.00000538	0.00477	0.00491	0.0949	0.0128	0.00000581	19.9	0.0000222	0.000396	0.000222	0.00176
2039 Apr	1140	0.75	2.47	0.0449	216	0.0808	90.9	0.000889	0.000889	0.00000538	0.00477	0.00492	0.0949	0.0128	0.00000581	19.9	0.0000222	0.000396	0.000222	0.00176
2039 May	1140	0.751	2.47	0.045	216	0.0809	91	0.000889	0.000889	0.00000538	0.00478	0.00492	0.095	0.0128	0.00000582	19.9	0.0000222	0.000396	0.000222	0.00176
2039 Jun	1080	0.693	2.28	0.0416	200	0.0769	85.5	0.000891	0.000891	0.00000532	0.00478	0.00459	0.0892	0.0128	0.00000573	19.3	0.0000216	0.000381	0.000219	0.0017
2039 Jul	944	0.592	1.94	0.0355	173	0.0697	75	0.000895	0.000895	0.00000521	0.00476	0.00402	0.0781	0.0131	0.00000557	18.4	0.0000204	0.000353	0.000215	0.00158
2039 Aug	853	0.529	1.73	0.0318	155	0.065	67.7	0.000901	0.000901	0.00000516	0.00471	0.00366	0.0706	0.0131	0.00000548	17.7	0.0000193	0.00033	0.00021	0.0015
2039 Sep	807	0.498	1.63	0.03	147	0.0628	64.2	0.000907	0.000907	0.00000515	0.00461	0.00345	0.067	0.0128	0.00000546	17	0.0000185	0.000312	0.000204	0.00146
2039 Oct	787	0.483	1.58	0.0291	143	0.0618	62.6	0.000909	0.000909	0.00000514	0.00456	0.00336	0.0652	0.0126	0.00000544	16.8	0.0000182	0.000303	0.000201	0.00144
2039 Nov	787	0.483	1.58	0.0291	143	0.0618	62.6	0.000909	0.000909	0.00000514	0.00456	0.00336	0.0653	0.0126	0.00000544	16.8	0.0000182	0.000303	0.000201	0.00144
2039 Dec	787	0.483	1.58	0.0291	143	0.0618	62.6	0.000909	0.000909	0.00000514	0.00456	0.00336	0.0653	0.0126	0.00000544	16.8	0.0000182	0.000303	0.000201	0.00144
2040 Jan	787	0.483	1.58	0.0291	143	0.0618	62.6	0.000909	0.000909	0.00000514	0.00456	0.00336	0.0653	0.0126	0.00000544	16.8	0.0000182	0.000303	0.000201	0.00144
2040 Feb	787	0.483	1.58	0.0291	143	0.0618	62.6	0.000909	0.000909	0.00000514	0.00456	0.00336	0.0653	0.0126	0.00000544	16.8	0.0000182	0.000303	0.000201	0.00144
2040 Mar	787	0.483	1.58	0.0291	143	0.0618	62.6	0.000909	0.000909	0.00000514	0.00456	0.00336	0.0653	0.0126	0.00000544	16.8	0.0000182	0.000303	0.000201	0.00144
2040 Apr	787	0.484	1.58	0.0291	143	0.0618	62.6	0.000909	0.000909	0.00000514	0.00456	0.00336	0.0653	0.0126	0.00000544	16.8	0.0000182	0.000303	0.000201	0.00144
2040 May	785	0.482	1.57	0.029	142	0.0617	62.4	0.00091	0.00091	0.00000514	0.00457	0.00335	0.0651	0.0127	0.00000544	16.8	0.0000182	0.000303	0.000202	0.00144
2040 Jun	705	0.427	1.38	0.0256	127	0.0574	56	0.00091	0.00091	0.00000507	0.00469	0.00309	0.0586	0.0136	0.00000534	16.9	0.0000179	0.000296	0.000211	0.00138
2040 Jul	671	0.403	1.3	0.0242	120	0.0557	53.3	0.000915	0.000915	0.00000507	0.00462	0.00294	0.0558	0.0134	0.00000532	16.4	0.0000173	0.000287	0.000206	0.00135
2040 Aug	645	0.385	1.24	0.0232	115	0.0545	51.3	0.00092	0.00092	0.00000507	0.00454	0.00281	0.0536	0.0131	0.00000531	16	0.0000168	0.000277	0.0002	0.00133
2040 Sep	621	0.369	1.19	0.0222	111	0.0533	49.4	0.000923	0.000923	0.00000506	0.00448	0.0027	0.0517	0.0129	0.0000053	15.6	0.0000163	0.000266	0.000196	0.0013
2040 Oct	610	0.361	1.16	0.0218	109	0.0528	48.5	0.000925	0.000925	0.00000506	0.00444	0.00265	0.0507	0.0128	0.00000529	15.5	0.0000161	0.000261	0.000194	0.00129
2040 Nov	610	0.361	1.16	0.0218	109	0.0528	48.5	0.000925	0.000925	0.00000506	0.00444	0.00265	0.0507	0.0128	0.00000529	15.5	0.0000161	0.000261	0.000194	0.00129
2040 Dec	610	0.361	1.16	0.0218	109	0.0528	48.5	0.000925	0.000925	0.00000506	0.00444	0.00265	0.0507	0.0128	0.00000529	15.5	0.0000161	0.000261	0.000194	0.00129
2041 Jan	610	0.361	1.16	0.0218	109	0.0528	48.5	0.000925	0.000925	0.00000506	0.00444	0.00265	0.0507	0.0128	0.00000529	15.5	0.0000161	0.000261	0.000194	0.00129
2041 Feb	610	0.361	1.16	0.0218	109	0.0528	48.5	0.000925	0.000925	0.00000506	0.00444	0.00265	0.0507	0.0128	0.00000529	15.5	0.0000161	0.000261	0.000194	0.00129
2041 Mar	610	0.361	1.16	0.0218	109	0.0528	48.5	0.000925	0.000925	0.00000506	0.00444	0.00265	0.0507	0.0128	0.00000529	15.5	0.0000161	0.000261	0.000194	0.00129
2041 Apr	610	0.361	1.16	0.0218	109	0.0528	48.5	0.000925	0.000925	0.00000506	0.00445	0.00265	0.0508	0.0128	0.00000529	15.5	0.0000161	0.000261	0.000194	0.00129
2041 May	610	0.361	1.17	0.0218	109	0.0528	48.6	0.000925	0.000925	0.00000506	0.00445	0.00265	0.0508	0.0128	0.0000053	15.5	0.0000161	0.000261	0.000194	0.00129
2041 Jun	572	0.336	1.08	0.0202	101	0.0507	45.5	0.000925	0.000925	0.00000503	0.00453	0.00253	0.0478	0.0131	0.00000525	15.4	0.0000161	0.000258	0.000196	0.00126
2041 Jul	533	0.309	0.985	0.0186	93.4	0.0485	42.3	0.000926	0.000926	0.000005	0.00456	0.00238	0.0446	0.0132	0.0000052	15.1	0.0000159	0.000252	0.000195	0.00122
2041 Aug	517	0.298	0.952	0.018	90.6	0.0479	41.1	0.000929	0.000929	0.000005	0.00451	0.0023	0.0433	0.013	0.0000052	14.9	0.0000155	0.000246	0.000191	0.00121
2041 Sep	503	0.289	0.921	0.0174	88	0.0472	40	0.000932	0.000932	0.000005	0.00446	0.00224	0.0421	0.0129	0.0000052	14.6	0.0000152	0.000238	0.000188	0.00119
2041 Oct	496	0.284	0.905	0.0171	86.7	0.0469	39.5	0.000933	0.000933	0.000005	0.00443	0.0022	0.0416	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119
2041 Nov	496	0.284	0.906	0.0171	86.7	0.0469	39.5	0.000933	0.000933	0.000005	0.00443	0.0022	0.0416	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119
2041 Dec	496	0.284	0.906	0.0171	86.7	0.0469	39.5	0.000933	0.000933	0.000005	0.00443	0.0022	0.0416	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119
2042 Jan	496	0.284	0.906	0.0171	86.7	0.0469	39.5	0.000933	0.000933	0.000005	0.00443	0.0022	0.0416	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119
2042 Feb	496	0.284	0.906	0.0171	86.7	0.0469	39.5	0.000933	0.000933	0.000005	0.00443	0.0022	0.0416	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119
2042 Mar	496	0.284	0.906	0.0172	86.7	0.0469	39.5	0.000933	0.000933	0.000005	0.00443	0.0022	0.0416	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119
2042 Apr	496	0.284	0.906	0.0172	86.7	0.0469	39.5	0.000933	0.000933	0.00000501	0.00443	0.0022	0.0416	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119
2042 May	496	0.284	0.906	0.0172	86.8	0.0469	39.5	0.000934	0.000934	0.00000501	0.00444	0.0022	0.0416	0.0128	0.0000052	14.5	0.0000151	0.000235	0.000187	0.00119
2042 Jun	477	0.272	0.863	0.0164	83.1	0.0458	38	0.000933	0.000933	0.00000499	0.00448	0.00214	0.0401	0.0128	0.00000517	14.4	0.0000151	0.000233	0.000186	0.00117
2042 Jul	457	0.258	0.817	0.0156	79.1	0.0448	36.3	0.000934	0.000934	0.00000498	0.00447	0.00206	0.0385	0.0128	0.00000515	14.2	0.0000149	0.000229	0.000183	0.00115
2042 Aug	439	0.247	0.781	0.0149	76	0.0439	35	0.000934	0.000934	0.00000496	0.00445	0.00199	0.0371	0.0127	0.00000513	14	0.0000146	0.000224	0.00018	0.00113
2042 Sep	426	0.238	0.753	0.0144	73.6	0.0433	33.9	0.000935	0.000935	0.00000496	0.00443	0.00193	0.036	0.0126	0.00000512	13.8	0.0000144	0.000218	0.000178	0.00112
2042 Oct	419	0.234	0.739	0.0142	72.4	0.0429	33.4	0.000936	0.000936	0.00000495	0.00441	0.0019	0.0355	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111
2042 Nov	419	0.234	0.739	0.0142	72.4	0.0429	33.4	0.000936	0.000936	0.00000495	0.00441	0.0019	0.0355	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111
2042 Dec	419	0.234	0.739	0.0142	72.4	0.0429	33.4	0.000936	0.000936	0.00000495	0.00441	0.0019	0.0355	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111
2043 Jan	419	0.234	0.739	0.0142	72.4	0.0429	33.4	0.000936	0.000936	0.00000495	0.00441	0.0019	0.0355	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111
2043 Feb	418	0.234	0.739	0.0142	72.4	0.0429	33.4	0.000936	0.000936	0.00000495	0.00441	0.0019	0.0355	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111
2043 Mar	418	0.234	0.739	0.0142	72.4	0.0429	33.4	0.000936	0.000936	0.00000495	0.00441	0.0019	0.0355	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111
2043 Apr	419	0.234	0.739	0.0142	72.4	0.0429	33.4	0.000936	0.000936	0.00000496	0.00441	0.0019	0.0355	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111
2043 May	418	0.234	0.738	0.0142	72.3	0.043	33.4	0.000936	0.000936	0.00000496	0.00442	0.0019	0.0355	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111
2043 Jun	393	0.219	0.687	0.0132	68	0.0415	31.3	0.000933	0.000933	0.00000492	0.00449	0.00184	0.0335	0.0128	0.00000507	13.7	0.0000143	0.000215	0.000179	0.00109
2043 Jul	385	0.215	0.671	0.013	66.6	0.0412	30.7	0.000935	0.000935	0.00000493	0.00447	0.00181	0.0329	0.0128	0.00000507	13.6	0.0000142	0.000213	0.000178	0.00108
2043 Aug	385	0.215	0.671	0.013	66.6	0.0412	30.7	0.000937	0.000937	0.00000493	0.00448	0.00181	0.0329	0.0128	0.00000508	13.6	0.0000142	0.000214	0.000178	0.00108
2043 Sep	385	0.215	0.671	0.013	66.6	0.0412	30.7	0.000937	0.000937	0.00000494	0.00448	0.00181	0.0329	0.0128	0.00000508	13.6	0.0000142	0.000214	0.000178	0.00108
2043 Oct	384	0.214	0.67	0.0129	66.5	0.0412	30.7	0.000937	0.000937	0.00000493	0.00448	0.00181	0.0329	0.0128	0.00000508	13.6	0.0000142	0.000214	0.000178	0.00108
2043 Nov	384	0.214	0.669	0.0129	66.4	0.0412	30.6	0.000937	0.000937	0.00000493	0.00449	0.0018	0.0328	0.0128	0.00000508	13.6	0.0000142	0.000214	0.000178	0.00108
2043 Dec	384	0.214	0.669	0.0129	66.4	0.0412	30.6	0.000937	0.000937	0.00000493	0.00449	0.0018	0.0328	0.0128	0.00000508	13.6	0.0000142	0.000214	0.000178	0.00108

Appendix D.2-24: FZO01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.00261	0.000000137	0.0459	0.111	0.00282	0.00000405	0.172	0.0000357	0.000962	0.0000131	0.00000316	0.00000179	0.00427	2.75E-08	0.00000137	0.0000289	0.0000213	0.0000137
Operation (2026-2036): Mean	0.0348	0.0000245	17.1	21.7	0.258	0.00766	447	0.0301	0.0643	0.000136	0.00155	0.000721	1.62	0.0000721	0.00145	0.00129	0.00323	0.000911
Operation (2026-2036): Max	0.0568	0.0000335	25.5	32.6	0.377	0.0117	736	0.0466	0.072	0.000372	0.00234	0.00109	2.44	0.000109	0.00221	0.00172	0.0042	0.00133
Active Closure (2037-2043): Min	0.0212	0.00000527	2.03	3.06	0.0336	0.00066	30.1	0.00322	0.0198	0.0000872	0.000194	0.000104	0.153	0.00000625	0.000137	0.000342	0.00126	0.0000538
Active Closure (2037-2043): Mean	0.0273	0.00000809	4.71	6.4	0.0715	0.00191	96.6	0.00812	0.0252	0.000126	0.000429	0.000216	0.412	0.000018	0.000372	0.000483	0.00156	0.0002
Active Closure (2037-2043): Max	0.039	0.0000249	17.7	22.1	0.267	0.00782	414	0.0302	0.0678	0.000176	0.00158	0.000731	1.68	0.0000754	0.00148	0.00134	0.00338	0.000917
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2043)																		
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0.00261	0.000000137	0.0459	0.111	0.00282	0.00000405	0.172	0.0000357	0.000962	0.0000131	0.00000316	0.00000179	0.00427	2.75E-08	0.00000137	0.0000289	0.0000213	0
2028 Feb	0.00639	0.000000336	0.112	0.272	0.00689	0.00000992	0.422	0.0000874	0.00235	0.0000321	0.00000773	0.00000437	0.0105	6.72E-08	0.00000336	0.0000706	0.0000521	0
2028 Mar	0.00885	0.000000466	0.155	0.376	0.00954	0.0000137	0.584	0.000121	0.00326	0.0000445	0.0000107	0.00000605	0.0145	9.31E-08	0.00000466	0.0000978	0.0000722	0
2028 Apr	0.0107	0.000000561	0.187	0.453	0.0115	0.0000165	0.704	0.000146	0.00393	0.0000536	0.0000129	0.00000729	0.0174	0.000000112	0.00000561	0.000118	0.0000869	0
2028 May	0.012	0.00000097	0.468	0.832	0.0165	0.000138	8.32	0.000639	0.0051	0.0000609	0.0000385	0.0000194	0.0442	0.00000124	0.0000289	0.000148	0.000141	0.0000137
2028 Jun	0.0284	0.0000194	12	15.4	0.18	0.00536	336	0.0216	0.0518	0.0000778	0.00116	0.000515	1.13	0.0000506	0.00103	0.00101	0.0028	0.000611
2028 Jul	0.0293	0.0000262	17.7	22.6	0.263	0.008	503	0.032	0.0647	0.0000758	0.00167	0.000758	1.68	0.0000753	0.00152	0.00133	0.00356	0.000914
2028 Aug	0.0241	0.0000312	23.1	29.5	0.342	0.0105	664	0.0421	0.0697	0.0000631	0.00213	0.00099	2.2	0.0000985	0.002	0.0016	0.00401	0.00121
2028 Sep	0.0239	0.0000315	23.5	30	0.347	0.0108	676	0.0429	0.071	0.0000526	0.00215	0.00101	2.24	0.0001	0.00204	0.0016	0.00395	0.00123
2028 Oct	0.0359	0.0000203	11.9	15.4	0.172	0.00548	327	0.0211	0.0641	0.0000347	0.00104	0.000503	1.12	0.0000492	0.00102	0.000868	0.00247	0.000589
2028 Nov	0.0362	0.0000202	11.7	15.2	0.169	0.0054	322	0.0208	0.0642	0.0000345	0.00102	0.000496	1.1	0.0000484	0.00101	0.000857	0.00245	0.00058
2028 Dec	0.0364	0.00002	11.6	15	0.167	0.00533	317	0.0205	0.0641	0.0000343	0.00101	0.000489	1.08	0.0000478	0.000995	0.000847	0.00243	0.000571
2029 Jan	0.0368	0.00002	11.5	14.9	0.166	0.0053	315	0.0203	0.0641	0.0000364	0.001	0.000486	1.08	0.0000475	0.000989	0.000848	0.00242	0.000568
2029 Feb	0.0373	0.0000199	11.5	14.9	0.166	0.00528	314	0.0203	0.0641	0.0000396	0.001	0.000485	1.08	0.0000473	0.000986	0.000852	0.00242	0.000566
2029 Mar	0.0377	0.0000199	11.4	14.8	0.166	0.00527	313	0.0202	0.0641	0.0000417	0.000999	0.000484	1.07	0.0000472	0.000984	0.000855	0.00242	0.000565
2029 Apr	0.038	0.0000199	11.4	14.8	0.167	0.00527	313	0.0202	0.0642	0.0000432	0.000998	0.000484	1.07	0.0000472	0.000983	0.000858	0.00242	0.000564
2029 May	0.0383	0.00002	11.5	14.9	0.168	0.00529	315	0.0203	0.0645	0.0000446	0.001	0.000487	1.08	0.0000474	0.000988	0.000864	0.00243	0.000567
2029 Jun	0.0368	0.0000199	11.3	14.5	0.166	0.00509	309	0.02	0.0615	0.0000645	0.00104	0.00048	1.06	0.0000467	0.000963	0.000932	0.0027	0.000558
2029 Jul	0.0306	0.0000229	14.6	18.5	0.216	0.00652	409	0.0261	0.0603	0.0000789	0.0014	0.000622	1.38	0.0000618	0.00125	0.00117	0.00328	0.000746
2029 Aug	0.0245	0.0000304	22.3	28.4	0.33	0.0102	639	0.0405	0.0688	0.0000616	0.00205	0.000953	2.12	0.000095	0.00192	0.00155	0.00393	0.00116
2029 Sep	0.0227	0.0000326	24.5	31.4	0.363	0.0113	708	0.0449	0.0717	0.0000535	0.00225	0.00105	2.34	0.000105	0.00213	0.00166	0.00408	0.00128
2029 Oct	0.024	0.0000315	23.5	30.1	0.348	0.0108	677	0.0429	0.0714	0.0000517	0.00215	0.00101	2.25	0.0001	0.00204	0.0016	0.00395	0.00123
2029 Nov	0.0276	0.0000279	19.9	25.4	0.292	0.00911	566	0.0359	0.069	0.0000463	0.00179	0.000845	1.89	0.0000842	0.00172	0.00136	0.00347	0.00103
2029 Dec	0.028	0.0000275	19.5	24.9	0.286	0.00894	554	0.0352	0.0687	0.0000457	0.00176	0.000829	1.85	0.0000826	0.00168	0.00134	0.00342	0.00101
2030 Jan	0.0284	0.0000274	19.4	24.8	0.285	0.00888	551	0.035	0.0687	0.0000477	0.00175	0.000825	1.84	0.0000821	0.00167	0.00134	0.00341	0.001
2030 Feb	0.029	0.0000274	19.3	24.7	0.285	0.00886	549	0.0349	0.0687	0.0000507	0.00174	0.000822	1.84	0.0000818	0.00167	0.00134	0.0034	0.000997
2030 Mar	0.0293	0.0000273	19.3	24.7	0.285	0.00884	548	0.0348	0.0687	0.0000526	0.00174	0.000821	1.83	0.0000817	0.00167	0.00134	0.0034	0.000995
2030 Apr	0.0296	0.0000273	19.3	24.7	0.285	0.00883	548	0.0348	0.0688	0.000054	0.00174	0.00082	1.83	0.0000816	0.00166	0.00134	0.0034	0.000994
2030 May	0.0299	0.0000274	19.4	24.8	0.286	0.00887	550	0.0349	0.0691	0.0000553	0.00175	0.000824	1.84	0.0000819	0.00167	0.00135	0.00342	0.000998
2030 Jun	0.0312	0.0000234	15	19.2	0.223	0.00676	422	0.027	0.0618	0.0000737	0.00142	0.000641	1.42	0.0000633	0.00129	0.00118	0.00324	0.000766
2030 Jul	0.0258	0.0000293	21.1	27	0.313	0.00963	606	0.0385	0.0676	0.0000675	0.00196	0.000906	2.01	0.00009	0.00183	0.0015	0.00383	0.0011
2030 Aug	0.0224	0.0000325	24.5	31.3	0.363	0.0112	706	0.0448	0.0706	0.0000565	0.00225	0.00105	2.34	0.000105	0.00212	0.00165	0.00408	0.00128
2030 Sep	0.0216	0.0000335	25.5	32.6	0.377	0.0117	736	0.0466	0.072	0.000055	0.00234	0.00109	2.44	0.000109	0.00221	0.00172	0.0042	0.00133
2030 Oct	0.023	0.0000325	24.5	31.3	0.363	0.0113	707	0.0448	0.072	0.0000532	0.00224	0.00105	2.34	0.000105	0.00213	0.00166	0.00407	0.00128
2030 Nov	0.0255	0.0000301	22.1	28.2	0.326	0.0101	633	0.0401	0.0705	0.0000496	0.00201	0.000942	2.11	0.000094	0.00191	0.0015	0.00376	0.00115
2030 Dec	0.026	0.0000296	21.6	27.6	0.318	0.00991	619	0.0392	0.0702	0.0000489	0.00196	0.000922	2.06	0.0000919	0.00187	0.00147	0.0037	0.00112
2031 Jan	0.0266	0.0000295	21.4	27.4	0.316	0.00983	613	0.0389	0.0702	0.0000516	0.00195	0.000915	2.04	0.0000912	0.00186	0.00147	0.00368	0.00111
2031 Feb	0.0273	0.0000294	21.4	27.3	0.316	0.00979	611	0.0388	0.0702	0.0000556	0.00194	0.000911	2.04	0.0000908	0.00185	0.00147	0.00367	0.00111
2031 Mar	0.0278	0.0000293	21.3	27.3	0.316	0.00976	609	0.0387	0.0702	0.0000583	0.00193	0.000909	2.03	0.0000905	0.00184	0.00147	0.00366	0.00111
2031 Apr	0.0283	0.0000294	21.3	27.3	0.316	0.00977	610	0.0387	0.0704	0.0000605	0.00194	0.00091	2.03	0.0000906	0.00184	0.00148	0.00367	0.00111
2031 May	0.0317	0.0000293	21.2	27.2	0.317	0.00966	600	0.0383	0.0708	0.0000989	0.00192	0.000905	2.02	0.0000897	0.00183	0.00151	0.00368	0.00109

Appendix D.2-24: FZO01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Jun	0.0568	0.0000233	15.3	20.2	0.254	0.00671	404	0.027	0.0656	0.000372	0.00142	0.000666	1.45	0.0000629	0.00128	0.00147	0.00319	0.000761
2031 Jul	0.0547	0.0000242	16.1	21.1	0.264	0.0071	426	0.0285	0.0667	0.00035	0.00149	0.000699	1.53	0.0000666	0.00136	0.00149	0.00329	0.000806
2031 Aug	0.0502	0.0000257	17.7	23	0.283	0.00784	470	0.0314	0.0682	0.000309	0.00163	0.000763	1.68	0.0000736	0.00149	0.00154	0.00345	0.000894
2031 Sep	0.045	0.0000268	18.8	24.3	0.295	0.00841	502	0.0335	0.0689	0.000257	0.00173	0.000808	1.79	0.0000789	0.0016	0.00154	0.00355	0.00096
2031 Oct	0.0418	0.0000266	18.7	24	0.289	0.00838	498	0.0332	0.0687	0.000214	0.0017	0.000798	1.78	0.0000785	0.00159	0.00148	0.00348	0.000955
2031 Nov	0.0417	0.0000264	18.5	23.8	0.285	0.00829	492	0.0329	0.0686	0.000209	0.00168	0.00079	1.76	0.0000776	0.00157	0.00146	0.00345	0.000944
2031 Dec	0.0417	0.0000264	18.4	23.7	0.285	0.00828	491	0.0328	0.0686	0.000209	0.00168	0.000788	1.75	0.0000775	0.00157	0.00146	0.00344	0.000942
2032 Jan	0.0417	0.0000263	18.4	23.7	0.285	0.00827	491	0.0328	0.0686	0.000209	0.00168	0.000787	1.75	0.0000774	0.00157	0.00146	0.00344	0.000941
2032 Feb	0.0418	0.0000263	18.4	23.7	0.285	0.00827	491	0.0328	0.0686	0.000209	0.00168	0.000787	1.75	0.0000774	0.00157	0.00146	0.00344	0.000941
2032 Mar	0.0419	0.0000263	18.4	23.7	0.285	0.00827	491	0.0328	0.0686	0.00021	0.00168	0.000787	1.75	0.0000774	0.00157	0.00146	0.00344	0.000941
2032 Apr	0.0419	0.0000263	18.4	23.7	0.285	0.00827	491	0.0328	0.0686	0.00021	0.00168	0.000787	1.75	0.0000774	0.00157	0.00146	0.00344	0.000941
2032 May	0.042	0.0000264	18.5	23.8	0.286	0.00829	492	0.0329	0.0688	0.00021	0.00168	0.000789	1.76	0.0000776	0.00157	0.00146	0.00345	0.000944
2032 Jun	0.0393	0.0000246	16.6	21.3	0.255	0.00742	436	0.0295	0.0655	0.000175	0.00153	0.000708	1.58	0.0000698	0.00141	0.00134	0.00333	0.000847
2032 Jul	0.0357	0.0000247	16.8	21.4	0.254	0.00751	435	0.0297	0.0647	0.000142	0.00155	0.000713	1.59	0.000071	0.00143	0.00132	0.00337	0.000862
2032 Aug	0.035	0.0000251	17.3	21.9	0.26	0.00772	446	0.0305	0.0653	0.000137	0.00159	0.000731	1.64	0.000073	0.00147	0.00134	0.00341	0.000887
2032 Sep	0.0348	0.0000253	17.5	22.2	0.263	0.00782	452	0.0309	0.0656	0.000135	0.00161	0.00074	1.66	0.000074	0.00148	0.00134	0.00343	0.000899
2032 Oct	0.0346	0.0000255	17.6	22.3	0.265	0.00788	455	0.0311	0.0658	0.000134	0.00162	0.000745	1.67	0.0000746	0.0015	0.00135	0.00345	0.000907
2032 Nov	0.0346	0.0000255	17.6	22.3	0.265	0.00788	454	0.0311	0.0658	0.000133	0.00162	0.000744	1.67	0.0000746	0.00149	0.00135	0.00344	0.000906
2032 Dec	0.0346	0.0000254	17.5	22.2	0.264	0.00785	453	0.031	0.0658	0.000132	0.00161	0.000741	1.66	0.0000743	0.00149	0.00134	0.00343	0.000903
2033 Jan	0.0346	0.0000254	17.5	22.2	0.264	0.00785	452	0.031	0.0658	0.000132	0.00161	0.000741	1.66	0.0000742	0.00149	0.00134	0.00343	0.000902
2033 Feb	0.0347	0.0000254	17.5	22.2	0.264	0.00784	452	0.031	0.0658	0.000132	0.00161	0.000741	1.66	0.0000742	0.00149	0.00134	0.00343	0.000902
2033 Mar	0.0347	0.0000254	17.5	22.2	0.264	0.00784	452	0.031	0.0658	0.000132	0.00161	0.000741	1.66	0.0000742	0.00149	0.00134	0.00343	0.000901
2033 Apr	0.0348	0.0000254	17.5	22.2	0.264	0.00785	452	0.031	0.0658	0.000133	0.00161	0.000741	1.66	0.0000742	0.00149	0.00134	0.00343	0.000902
2033 May	0.0374	0.000025	17.2	21.8	0.261	0.00766	440	0.0302	0.0658	0.00016	0.00157	0.000726	1.63	0.0000725	0.00145	0.00135	0.00339	0.00088
2033 Jun	0.04	0.0000246	16.9	21.5	0.26	0.00751	427	0.0296	0.0656	0.000193	0.00155	0.000715	1.61	0.0000713	0.00143	0.00136	0.00335	0.000866
2033 Jul	0.0395	0.0000249	17.3	22	0.265	0.00768	435	0.0303	0.0662	0.000188	0.00158	0.00073	1.64	0.0000737	0.00146	0.00138	0.0034	0.000887
2033 Aug	0.0394	0.0000252	17.6	22.3	0.269	0.0078	442	0.0307	0.0667	0.000187	0.0016	0.00074	1.67	0.0000742	0.00148	0.00139	0.00343	0.000902
2033 Sep	0.0387	0.0000255	17.9	22.6	0.272	0.00794	448	0.0312	0.0671	0.00018	0.00162	0.000751	1.7	0.0000756	0.0015	0.0014	0.00345	0.000919
2033 Oct	0.0378	0.0000253	17.8	22.4	0.27	0.00791	444	0.031	0.067	0.000168	0.00161	0.000745	1.69	0.0000753	0.0015	0.00137	0.00341	0.000915
2033 Nov	0.0378	0.0000252	17.7	22.4	0.269	0.00788	442	0.0308	0.067	0.000166	0.0016	0.000742	1.68	0.000075	0.00149	0.00136	0.0034	0.000912
2033 Dec	0.0378	0.0000252	17.7	22.3	0.268	0.00788	442	0.0308	0.067	0.000166	0.0016	0.000742	1.68	0.000075	0.00149	0.00136	0.0034	0.000911
2034 Jan	0.0378	0.0000252	17.7	22.3	0.268	0.00788	442	0.0308	0.0669	0.000166	0.0016	0.000742	1.68	0.000075	0.00149	0.00136	0.0034	0.000911
2034 Feb	0.0378	0.0000252	17.7	22.3	0.268	0.00788	442	0.0308	0.067	0.000166	0.0016	0.000742	1.68	0.000075	0.00149	0.00136	0.0034	0.000911
2034 Mar	0.0378	0.0000252	17.7	22.3	0.268	0.00787	442	0.0308	0.067	0.000167	0.0016	0.000742	1.68	0.000075	0.00149	0.00136	0.0034	0.000911
2034 Apr	0.0378	0.0000252	17.7	22.4	0.269	0.00788	442	0.0308	0.067	0.000167	0.0016	0.000742	1.68	0.000075	0.00149	0.00136	0.0034	0.000912
2034 May	0.0385	0.0000252	17.7	22.3	0.268	0.00785	440	0.0307	0.0671	0.000173	0.0016	0.00074	1.68	0.0000747	0.00148	0.00137	0.0034	0.000908
2034 Jun	0.0424	0.0000245	17.1	21.6	0.263	0.00755	420	0.0295	0.0668	0.000215	0.00154	0.000716	1.62	0.000072	0.00143	0.00137	0.00333	0.000874
2034 Jul	0.0416	0.0000248	17.4	22	0.268	0.00771	427	0.0301	0.0672	0.000209	0.00157	0.00073	1.65	0.0000736	0.00146	0.00138	0.00337	0.000894
2034 Aug	0.0417	0.000025	17.6	22.2	0.27	0.00778	431	0.0304	0.0676	0.000209	0.00158	0.000736	1.67	0.0000743	0.00147	0.00139	0.00339	0.000903
2034 Sep	0.0411	0.0000252	17.8	22.4	0.272	0.00786	434	0.0307	0.0678	0.000202	0.0016	0.000742	1.69	0.0000752	0.00149	0.00139	0.0034	0.000914
2034 Oct	0.0404	0.0000251	17.7	22.3	0.271	0.00785	431	0.0306	0.0678	0.000194	0.00159	0.000739	1.68	0.0000751	0.00148	0.00138	0.00338	0.000912
2034 Nov	0.0404	0.000025	17.7	22.3	0.27	0.00784	430	0.0305	0.0678	0.000193	0.00158	0.000738	1.68	0.0000749	0.00148	0.00137	0.00337	0.00091
2034 Dec	0.0404	0.000025	17.7	22.3	0.27	0.00783	430	0.0305	0.0678	0.000193	0.00158	0.000738	1.68	0.0000749	0.00148	0.00137	0.00337	0.00091
2035 Jan	0.0404	0.000025	17.7	22.3	0.27	0.00783	430	0.0305	0.0678	0.000193	0.00158	0.000738	1.68	0.0000749	0.00148	0.00137	0.00337	0.00091
2035 Feb	0.0404	0.000025	17.7	22.3	0.27	0.00783	430	0.0305	0.0678	0.000193	0.00158	0.000738	1.68	0.0000749	0.00148	0.00137	0.00337	0.00091
2035 Mar	0.0404	0.000025	17.7	22.3	0.27	0.00783	430	0.0305	0.0678	0.000193	0.00158	0.000738	1.68	0.0000749	0.00148	0.00137	0.00337	0.00091
2035 Apr	0.0404	0.000025	17.7	22.3	0.27	0.00783	430	0.0305	0.0678	0.000193	0.00158	0.000738	1.68	0.0000749	0.00148	0.00137	0.00337	0.00091
2035 May	0.0405	0.0000251	17.7	22.3	0.271	0.00785	431	0.0305	0.0679	0.000194	0.00159	0.000739	1.68	0.000075	0.00148	0.00138	0.00338	0.000912
2035 Jun	0.0412	0.0000244	17	21.4	0.261	0.00751	409	0.0292	0.0669	0.000199	0.00153	0.000709	1.62	0.000072	0.00142	0.00135	0.00332	0.000874
2035 Jul	0.0407	0.0000245	17.2	21.6	0.263	0.00759	412	0.0295	0.0671	0.000195	0.00154	0.000715	1.63	0.0000728	0.00143	0.00135	0.00334	0.000884
2035 Aug	0.0405	0.0000247	17.4	21.9	0.266	0.00769	417	0.0299	0.0675	0.000193	0.00156	0.000724	1.65	0.0000739	0.00145	0.00136	0.00337	0.000897
2035 Sep	0.0397	0.0000248	17.6	22	0.267	0.00775	417	0.03	0.0675	0.000186	0.00157	0.000728	1.67	0.0000744	0.00146	0.00136	0.00336	0.000904
2035 Oct	0.0395	0.0000248	17.6	22	0.267	0.00777	418	0.0301	0.0676	0.000183	0.00157	0.000729	1.67	0.0000747	0.00147	0.00135	0.00336	0.000908
2035 Nov	0.0393	0.0000248	17.6	22	0.267	0.00777	417	0.0301	0.0675	0.000181	0.00157	0.000729	1.67	0.0000747	0.00147	0.00135	0.00336	0.000908
2035 Dec	0.0393	0.0000248	17.6	22	0.267	0.00777	417	0.0301	0.0675	0.000181	0.00157	0.000728	1.67	0.0000747	0.00147	0.00135	0.00336	0.000907
2036 Jan	0.0393	0.0000248	17.6	22	0.267	0.00777	417	0.0301	0.0675	0.000181	0.00157	0.000728	1.67	0.0000746	0.00147	0.00135	0.00336	0.000907
2036 Feb	0.0393	0.0000248	17.6	22	0.267	0.00777	417	0.0301	0.0675	0.000181	0.00157	0.000728	1.67	0.0000746	0.00147	0.00135	0.00336	0.000907
2036 Mar	0.0393	0.0000248	17.6	22	0.267	0.00777	417	0.0301	0.0675	0.000181	0.00157	0.000728	1.67	0.0000746	0.00147	0.00135	0.00336	0.000907
2036 Apr	0.0393	0.0000248	17.6	22	0.267	0.00777	417	0.0301	0.0676	0.000181	0.00157	0.000728	1.67	0.0000747	0.00147	0.00135	0.00336	0.000907
2036 May	0.0394	0.0000248	17.6	22	0.267	0.00779	418	0.0301	0.0677	0.000181	0.00157	0.00073	1.67	0.0000748	0.00147	0.00135	0.00336	0.000909
2036 Jun	0.0389	0.0000246	17.4	21.8	0.264	0.00769	411	0.0298	0.0673	0.000176	0.00155	0.000721	1.65	0.000074	0.00145	0.00134	0.00335	0.0009
2036 Jul	0.0385	0.0000246	17.5	21.8	0.264	0.00771	410	0.0298	0.0673	0.000172	0.00156	0.000721	1.66	0.0000742	0.00145	0.00134	0.00336	0.000902
2036 Aug	0.0386	0.0000248	17.6	21.9	0.266	0.00776	413	0.03	0.0676	0.000172	0.00157	0.000726	1.67	0.0000748	0.00146	0.00134	0.00338	0.000908
2036 Sep	0.0384	0.0000249	17.7	22.1	0.268	0.00782	415	0.0302	0.0678	0.00017	0.00158	0.000731	1.68	0.0000754	0.00148	0.00135	0.00339	0.000917
2036 Oct	0.0382	0.0000249	17.8	22.1	0.268	0.00784	415	0.0303	0.0678	0.000168	0.00158	0.000732	1.69	0.0000756	0.00148	0.00134	0.00339	0.000919
2036 Nov	0.0381	0.0000249	17.8	22.1	0.267	0.00783	415	0.0302	0.0678	0.000167	0.00158	0.000732	1.68	0.0000755	0.00148	0.00134	0.00338	0.000918
2036 Dec	0.0381	0.0000249	17.7	22.1	0.267	0.00783	414	0.0302	0.0678	0.000167	0.00158	0.000731	1.68	0.0000754	0.00148	0.00134	0.00338	0.000917
2037 Jan	0.0381	0.0000249	17.7	22.1	0.267	0.00782	414	0.0302	0.0678	0.000167	0.00158	0.000731	1.68	0.0000754	0.00148	0.00134	0.00338	0.000917
2037 Feb	0.0381	0.0000249	17.7	22.1	0.267	0.00782	414	0.0302	0.0678	0.000167	0.00158	0.00073	1.68	0.0000754	0.00147	0.00134	0.00338	0.000917
2037 Mar	0.0381	0.0000249	17.7	22.1	0.267	0.00782	414	0.0302	0.0678	0.000167	0.00158	0.00073	1.68	0.0000754	0.00147	0.00134	0.00338	0.000917
2037 Apr	0.0382	0.0000249	17.7	22.1	0.267	0.00782	414	0.0302	0.0678	0.000167	0.00158	0.000731	1.68	0.0000754	0.00148	0.00134	0.00338	0.000917
2037 May	0.039	0.0000248	17.5	21.9	0.265	0.00774	409	0.03	0.0674	0.000176	0.00157	0.000726	1.66	0.0000743	0.00146	0.00134	0.00337	0.000903
2037 Jun	0.0367	0.0000212	14.3	18.5	0.22	0.00637	332	0.0254	0.0563	0.000172	0.00132	0.000616	1.35	0.0000599	0.00121	0.00117	0.00295	0.000723
2037 Jul	0.0313	0.0000163	11	14.3	0.167	0.00484	251	0.0195	0.0436	0.000142	0.00101	0.000478	1.03	0.0000455	0.000923	0.000909	0.00243	0.000543
2037 Aug	0.0277	0.0000133	9	11.7	0.135	0.00391	203	0.0159	0.0358	0.00012	0.000817	0.000394	0.83	0.0000369	0.000747	0.000747	0.00212	0.000435
2037 Sep	0.0251	0.0000113	7.69	10	0.114	0.0033	171	0.0135	0.0307	0.000105	0.000691	0.000338	0.7	0.0000312	0.00063	0.000637	0.00191	0.000364
2037 Oct	0.024	0.0000105	7.14	9.38	0.105	0.00305	157	0.0125	0.0286	0.0000998	0.000642	0.000316	0.647	0.0000288	0.000583	0.000594	0.00182	0.000334

Appendix D.2-24: FZO01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Nov	0.024	0.0000106	7.14	9.38	0.105	0.00305	157	0.0125	0.0287	0.0000997	0.000642	0.000316	0.646	0.0000287	0.000584	0.000595	0.00182	0.000334
2037 Dec	0.024	0.0000106	7.14	9.38	0.105	0.00305	157	0.0125	0.0287	0.0000997	0.000642	0.000316	0.646	0.0000287	0.000584	0.000595	0.00182	0.000334
2038 Jan	0.024	0.0000106	7.14	9.38	0.105	0.00305	157	0.0125	0.0287	0.0000997	0.000642	0.000316	0.646	0.0000287	0.000584	0.000595	0.00182	0.000334
2038 Feb	0.024	0.0000106	7.14	9.38	0.105	0.00305	157	0.0125	0.0287	0.0000997	0.000642	0.000316	0.646	0.0000287	0.000584	0.000595	0.00182	0.000334
2038 Mar	0.0241	0.0000106	7.14	9.38	0.105	0.00305	157	0.0125	0.0287	0.0000997	0.000642	0.000316	0.646	0.0000287	0.000584	0.000595	0.00182	0.000334
2038 Apr	0.0241	0.0000106	7.14	9.38	0.105	0.00305	157	0.0125	0.0287	0.0000998	0.000642	0.000316	0.646	0.0000287	0.000584	0.000595	0.00182	0.000334
2038 May	0.0243	0.0000106	7.13	9.39	0.105	0.00305	157	0.0125	0.0287	0.000102	0.000642	0.000317	0.645	0.0000287	0.000583	0.000598	0.00183	0.000333
2038 Jun	0.025	0.0000101	6.63	8.89	0.0992	0.00284	145	0.0119	0.0274	0.000111	0.000607	0.000301	0.597	0.0000263	0.000545	0.000585	0.00177	0.000304
2038 Jul	0.0238	0.00000908	5.96	8	0.088	0.00252	128	0.0106	0.0248	0.000104	0.00054	0.000271	0.531	0.0000235	0.000485	0.000527	0.00166	0.000268
2038 Aug	0.0227	0.00000824	5.41	7.29	0.0791	0.00227	115	0.00959	0.0226	0.0000965	0.000488	0.000248	0.478	0.0000212	0.000437	0.00048	0.00158	0.000239
2038 Sep	0.0216	0.00000756	4.98	6.73	0.072	0.00206	104	0.00878	0.0209	0.0000896	0.000446	0.000229	0.435	0.0000193	0.000398	0.000442	0.00151	0.000216
2038 Oct	0.0212	0.00000727	4.79	6.49	0.0687	0.00197	99.7	0.00843	0.0201	0.0000872	0.000427	0.000221	0.416	0.0000184	0.000381	0.000425	0.00147	0.000205
2038 Nov	0.0212	0.00000727	4.79	6.49	0.0687	0.00197	99.7	0.00843	0.0201	0.0000872	0.000427	0.000221	0.416	0.0000184	0.000381	0.000425	0.00147	0.000205
2038 Dec	0.0212	0.00000727	4.79	6.49	0.0687	0.00197	99.7	0.00843	0.0201	0.0000872	0.000427	0.000221	0.416	0.0000184	0.000381	0.000425	0.00147	0.000205
2039 Jan	0.0212	0.00000727	4.79	6.49	0.0687	0.00197	99.7	0.00843	0.0201	0.0000872	0.000427	0.000221	0.416	0.0000184	0.000381	0.000425	0.00147	0.000205
2039 Feb	0.0212	0.00000727	4.79	6.49	0.0687	0.00197	99.7	0.00843	0.0201	0.0000872	0.000427	0.000221	0.416	0.0000184	0.000381	0.000425	0.00147	0.000205
2039 Mar	0.0212	0.00000727	4.79	6.49	0.0687	0.00197	99.7	0.00843	0.0201	0.0000873	0.000427	0.000221	0.416	0.0000184	0.000381	0.000425	0.00147	0.000205
2039 Apr	0.0212	0.00000727	4.79	6.49	0.0688	0.00197	99.7	0.00843	0.0201	0.0000873	0.000427	0.000221	0.416	0.0000184	0.000381	0.000425	0.00147	0.000205
2039 May	0.0212	0.00000728	4.79	6.5	0.0688	0.00197	99.7	0.00844	0.0201	0.0000873	0.000428	0.000221	0.416	0.0000184	0.000381	0.000426	0.00148	0.000205
2039 Jun	0.0224	0.0000072	4.5	6.19	0.0656	0.00185	92.4	0.008	0.0205	0.0000952	0.000409	0.000211	0.389	0.0000171	0.000358	0.000426	0.00147	0.000189
2039 Jul	0.025	0.000007	3.99	5.6	0.0601	0.00161	79.4	0.00712	0.0212	0.000114	0.00037	0.000191	0.34	0.0000148	0.000315	0.000426	0.00144	0.00016
2039 Aug	0.026	0.00000673	3.66	5.19	0.0558	0.00145	71.2	0.00649	0.0212	0.00012	0.000341	0.000177	0.309	0.0000133	0.000286	0.000414	0.0014	0.000142
2039 Sep	0.0251	0.00000638	3.5	4.96	0.0528	0.00138	67.3	0.00616	0.0202	0.000114	0.000323	0.000169	0.293	0.0000127	0.000271	0.000394	0.00137	0.000133
2039 Oct	0.0247	0.00000622	3.43	4.86	0.0513	0.00134	65.4	0.006	0.0198	0.000112	0.000315	0.000166	0.286	0.0000123	0.000264	0.000384	0.00135	0.000129
2039 Nov	0.0247	0.00000622	3.43	4.86	0.0513	0.00134	65.4	0.006	0.0198	0.000112	0.000315	0.000166	0.286	0.0000123	0.000264	0.000384	0.00135	0.000129
2039 Dec	0.0247	0.00000622	3.43	4.86	0.0513	0.00134	65.4	0.006	0.0198	0.000112	0.000315	0.000166	0.286	0.0000123	0.000264	0.000384	0.00135	0.000129
2040 Jan	0.0247	0.00000622	3.43	4.86	0.0513	0.00134	65.4	0.006	0.0198	0.000112	0.000315	0.000166	0.286	0.0000123	0.000264	0.000385	0.00135	0.000129
2040 Feb	0.0247	0.00000622	3.43	4.86	0.0513	0.00134	65.4	0.006	0.0198	0.000112	0.000315	0.000166	0.286	0.0000123	0.000264	0.000385	0.00135	0.000129
2040 Mar	0.0247	0.00000622	3.43	4.86	0.0513	0.00134	65.4	0.006	0.0198	0.000112	0.000315	0.000166	0.286	0.0000123	0.000264	0.000385	0.00135	0.000129
2040 Apr	0.0247	0.00000623	3.43	4.86	0.0513	0.00134	65.5	0.006	0.0198	0.000112	0.000315	0.000166	0.286	0.0000123	0.000264	0.000385	0.00135	0.000129
2040 May	0.0249	0.00000624	3.42	4.86	0.0514	0.00134	65.3	0.00599	0.0199	0.000114	0.000314	0.000166	0.285	0.0000123	0.000263	0.000386	0.00136	0.000129
2040 Jun	0.0291	0.00000645	3.16	4.58	0.0505	0.0012	57.9	0.00547	0.0222	0.000144	0.000296	0.000155	0.261	0.000011	0.000239	0.000413	0.00137	0.000113
2040 Jul	0.0288	0.00000624	3.03	4.4	0.0483	0.00114	54.8	0.00523	0.0216	0.000142	0.000283	0.00015	0.249	0.0000105	0.000228	0.000401	0.00135	0.000106
2040 Aug	0.0281	0.00000601	2.93	4.27	0.0464	0.0011	52.6	0.00504	0.0209	0.000137	0.000273	0.000145	0.239	0.0000101	0.000219	0.000387	0.00133	0.000101
2040 Sep	0.0274	0.00000579	2.85	4.14	0.0445	0.00106	50.5	0.00487	0.0202	0.000132	0.000263	0.000141	0.23	0.00000974	0.000211	0.000373	0.0013	0.0000971
2040 Oct	0.027	0.00000568	2.81	4.08	0.0437	0.00104	49.5	0.00478	0.0198	0.00013	0.000258	0.000139	0.226	0.00000957	0.000207	0.000366	0.00129	0.000095
2040 Nov	0.027	0.00000569	2.81	4.08	0.0437	0.00104	49.6	0.00478	0.0198	0.00013	0.000258	0.000139	0.226	0.00000958	0.000207	0.000367	0.00129	0.000095
2040 Dec	0.027	0.00000569	2.81	4.08	0.0437	0.00104	49.6	0.00478	0.0198	0.00013	0.000258	0.000139	0.226	0.00000958	0.000207	0.000367	0.00129	0.000095
2041 Jan	0.027	0.00000569	2.81	4.08	0.0437	0.00104	49.6	0.00478	0.0198	0.00013	0.000258	0.000139	0.226	0.00000958	0.000207	0.000367	0.00129	0.000095
2041 Feb	0.027	0.00000569	2.81	4.08	0.0437	0.00104	49.6	0.00478	0.0198	0.00013	0.000258	0.000139	0.226	0.00000958	0.000207	0.000367	0.00129	0.000095
2041 Mar	0.027	0.00000569	2.81	4.08	0.0437	0.00104	49.6	0.00478	0.0198	0.00013	0.000258	0.000139	0.226	0.00000958	0.000207	0.000367	0.00129	0.000095
2041 Apr	0.027	0.00000569	2.81	4.08	0.0437	0.00104	49.6	0.00478	0.0198	0.00013	0.000258	0.000139	0.226	0.00000958	0.000207	0.000367	0.00129	0.000095
2041 May	0.0271	0.00000569	2.81	4.08	0.0437	0.00104	49.6	0.00478	0.0198	0.000131	0.000258	0.000139	0.226	0.00000958	0.000207	0.000367	0.00129	0.000095
2041 Jun	0.0288	0.00000583	2.68	3.94	0.043	0.000973	46.2	0.00453	0.0211	0.000141	0.000251	0.000134	0.215	0.00000899	0.000196	0.000379	0.00131	0.0000877
2041 Jul	0.0298	0.00000585	2.54	3.76	0.0415	0.000905	42.5	0.00427	0.0217	0.000147	0.000241	0.000128	0.202	0.00000835	0.000184	0.000382	0.00131	0.0000799
2041 Aug	0.0293	0.00000568	2.48	3.68	0.0402	0.000878	41.2	0.00415	0.0211	0.000143	0.000234	0.000125	0.196	0.00000814	0.000178	0.000371	0.0013	0.0000772
2041 Sep	0.0287	0.00000553	2.43	3.6	0.039	0.000853	40	0.00404	0.0205	0.00014	0.000227	0.000123	0.191	0.00000794	0.000173	0.000361	0.00128	0.0000746
2041 Oct	0.0284	0.00000545	2.41	3.56	0.0384	0.000841	39.4	0.00399	0.0203	0.000138	0.000224	0.000121	0.188	0.00000784	0.000171	0.000356	0.00127	0.0000734
2041 Nov	0.0284	0.00000545	2.41	3.56	0.0384	0.000841	39.4	0.00399	0.0203	0.000138	0.000224	0.000121	0.188	0.00000784	0.000171	0.000356	0.00127	0.0000734
2041 Dec	0.0284	0.00000545	2.41	3.56	0.0384	0.000841	39.4	0.00399	0.0203	0.000138	0.000224	0.000121	0.188	0.00000784	0.000171	0.000356	0.00127	0.0000734
2042 Jan	0.0284	0.00000545	2.41	3.56	0.0384	0.000841	39.4	0.00399	0.0203	0.000138	0.000224	0.000121	0.188	0.00000784	0.000171	0.000356	0.00127	0.0000734
2042 Feb	0.0284	0.00000545	2.41	3.56	0.0384	0.000841	39.4	0.00399	0.0203	0.000138	0.000224	0.000121	0.188	0.00000784	0.000171	0.000356	0.00127	0.0000734
2042 Mar	0.0284	0.00000545	2.41	3.56	0.0384	0.000841	39.4	0.00399	0.0203	0.000138	0.000224	0.000121	0.188	0.00000784	0.000171	0.000356	0.00127	0.0000734
2042 Apr	0.0284	0.00000545	2.41	3.56	0.0384	0.000842	39.5	0.00399	0.0203	0.000138	0.000224	0.000121	0.188	0.00000784	0.000171	0.000356	0.00127	0.0000734
2042 May	0.0284	0.00000545	2.41	3.57	0.0385	0.000842	39.5	0.00399	0.0203	0.000138	0.000225	0.000122	0.188	0.00000784	0.000171	0.000357	0.00127	0.0000734
2042 Jun	0.0291	0.00000552	2.34	3.48	0.0378	0.00081	37.8	0.00387	0.0209	0.000141	0.000221	0.000119	0.182	0.00000755	0.000165	0.000361	0.00128	0.0000698
2042 Jul	0.0292	0.00000548	2.27	3.38	0.0367	0.000775	36	0.00373	0.0209	0.000141	0.000215	0.000115	0.175	0.00000724	0.000159	0.000358	0.00128	0.000066
2042 Aug	0.0291	0.00000541	2.21	3.29	0.0357	0.000747	34.5	0.0036	0.0208	0.000139	0.000209	0.000112	0.169	0.000007	0.000153	0.000352	0.00127	0.000063
2042 Sep	0.0288	0.00000531	2.16	3.22	0.0347	0.000725	33.4	0.0035	0.0205	0.000137	0.000204	0.00011	0.165	0.00000682	0.000149	0.000345	0.00126	0.0000607
2042 Oct	0.0286	0.00000527	2.14	3.19	0.0342	0.000713	32.9	0.00345	0.0204	0.000136	0.000201	0.000109	0.162	0.00000672	0.000147	0.000342	0.00126	0.0000596
2042 Nov	0.0286	0.00000527	2.14	3.19	0.0342	0.000713	32.9	0.00345	0.0204	0.000136	0.000201	0.000109	0.162	0.00000672	0.000147	0.000342	0.00126	0.0000596
2042 Dec	0.0286	0.00000527	2.14	3.19	0.0342	0.000713	32.9	0.00345	0.0204	0.000136	0.000201	0.000109	0.162	0.00000672	0.000147	0.000342	0.00126	0.0000596
2043 Jan	0.0286	0.00000527	2.14	3.19	0.0342	0.000713	32.9	0.00345	0.0204	0.000136	0.000201	0.000109	0.162	0.00000672	0.000147	0.000342	0.00126	0.0000596
2043 Feb	0.0286	0.00000527	2.14	3.19	0.0342	0.000713	32.9	0.00345	0.0204	0.000136	0.000201	0.000109	0.162	0.00000672	0.000147	0.000342	0.00126	0.0000596
2043 Mar	0.0286	0.00000527	2.14	3.19	0.0342	0.000713	32.9	0.00345	0.0204	0.000136	0.000201	0.000109	0.162	0.00000672	0.000147	0.000342	0.00126	0.0000596
2043 Apr	0.0287	0.00000527	2.14	3.19	0.0342	0.000713	32.9	0.00345	0.0204	0.000136	0.000201	0.000109	0.162	0.00000672	0.000147	0.000342	0.00126	0.0000596
2043 May	0.0287	0.00000528	2.14	3.19	0.0343	0.000713	32.9	0.00345	0.0205	0.000136	0.000201	0.000109	0.162	0.00000672	0.000147	0.000342	0.00126	0.0000595
2043 Jun	0.0301	0.00000543	2.06	3.1	0.0341	0.000674	30.8	0.00328	0.0216	0.000145	0.000197	0.000105	0.156	0.00000637	0.00014	0.000353	0.00127	0.0000553
2043 Jul	0.03	0.00000537	2.04	3.06	0.0336	0.000661	30.2	0.00322	0.0215	0.000145	0.000194	0.000104	0.153	0.00000627	0.000137	0.00035	0.00127	0.000054
2043 Aug	0.0301	0.00000538	2.04	3.06	0.0336	0.000661	30.2	0.00322	0.0215	0.000145	0.000194	0.000104	0.153	0.00000627	0.000137	0.00035	0.00127	0.000054
2043 Sep	0.0301	0.00000538	2.04	3.06	0.0336	0.000662	30.2	0.00322	0.0215	0.000145	0.000194	0.000104	0.153	0.00000627	0.000137	0.00035	0.00127	0.000054
2043 Oct	0.0301	0.00000538	2.04	3.06	0.0336	0.000661	30.2	0.00322	0.0215	0.000145	0.000194	0.000104	0.153	0.00000627	0.000137	0.00035	0.00127	0.0000539
2043 Nov	0.0302	0.00000539	2.03	3.06	0.0336	0.00066	30.1	0.00322	0.0216	0.000145	0.000194	0.000104	0.153	0.00000625	0.000137	0.00035	0.00127	0.0000538
2043 Dec	0.0302	0.00000539	2.03	3.06	0.0336	0.00066	30.1	0.00322	0.0216	0.000145	0.000194	0.000104	0.153	0.00000625	0.000137	0.00035	0.00127	0.0000538

Appendix D.2-25: FZO02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	2.88	0.00255	0.000768	0.00002	0.73	0.000399	0.249	0.00002	0.00002	9.98E-08	0.000118	0.0000559	0.000138	0.00145	9.98E-08	1.15	0.000000399	0.000014	0.0000239	0.0000379
Operation (2026-2036): Mean	4290	2.89	12.5	0.262	1520	0.359	629	0.000609	0.000609	0.0000072	0.012	0.0121	0.477	0.029	0.00000976	125	0.000109	0.00232	0.000771	0.00602
Operation (2026-2036): Max	6250	6.23	25.5	0.685	2640	0.694	1080	0.00172	0.00172	0.0000217	0.0178	0.0535	0.852	0.0741	0.0000233	233	0.000171	0.00624	0.00134	0.0106
Active Closure (2037-2043): Min	1030	0.404	1.82	0.0274	304	0.111	223	0.00025	0.00025	0.00000334	0.00616	0.00133	0.158	0.0109	0.00000554	50.8	0.0000367	0.000434	0.000357	0.00271
Active Closure (2037-2043): Mean	1680	0.752	3.4	0.0525	549	0.157	332	0.000783	0.000783	0.0000043	0.00746	0.00199	0.234	0.0127	0.0000059	72	0.0000515	0.000644	0.000484	0.00366
Active Closure (2037-2043): Max	5710	3.25	14.8	0.236	2260	0.508	1080	0.000861	0.000861	0.00000449	0.0176	0.00702	0.822	0.0228	0.00000872	229	0.000161	0.00227	0.00134	0.0106
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2043)																				
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	2.88	0.00255	0.000768	0.00002	0.73	0.000399	0.249	0.00002	0.00002	9.98E-08	0.000118	0.0000559	0.000138	0.00145	9.98E-08	1.15	0.000000399	0.000014	0.0000239	0.0000379
2028 Feb	6.99	0.0062	0.00187	0.0000485	1.77	0.000969	0.606	0.0000485	0.0000485	0.000000242	0.000286	0.000136	0.000334	0.00351	0.000000242	2.79	0.000000969	0.0000339	0.0000581	0.0000921
2028 Mar	9.62	0.00854	0.00257	0.0000667	2.44	0.00133	0.834	0.0000667	0.0000667	0.000000334	0.000394	0.000187	0.00046	0.00484	0.000000334	3.84	0.00000133	0.0000467	0.0000801	0.000127
2028 Apr	11.6	0.0103	0.00309	0.0000802	2.94	0.0016	1	0.0000802	0.0000802	0.000000401	0.000473	0.000225	0.000553	0.00581	0.000000401	4.61	0.0000016	0.0000561	0.0000962	0.000152
2028 May	48.9	0.0165	0.0232	0.000653	9.1	0.00282	6.49	0.0000913	0.0000913	0.000000459	0.00059	0.0325	0.00236	0.00652	0.000000476	5.68	0.00000238	0.0000671	0.000111	0.000204
2028 Jun	2390	1.9	7.59	0.198	650	0.218	287	0.000891	0.000891	0.00000867	0.0089	0.0535	0.235	0.0279	0.00000947	52	0.0000693	0.00186	0.000379	0.00289
2028 Jul	2570	2.08	7.81	0.184	698	0.203	266	0.000621	0.000621	0.00000696	0.00751	0.00941	0.242	0.0224	0.00000784	45.6	0.0000606	0.00158	0.000347	0.00287
2028 Aug	4710	4.85	19.8	0.529	1470	0.535	551	0.00103	0.00103	0.0000169	0.0112	0.0267	0.545	0.0574	0.0000183	104	0.000135	0.00479	0.000647	0.00536
2028 Sep	5360	5.38	21.8	0.577	1650	0.587	620	0.00107	0.00107	0.0000181	0.0124	0.026	0.605	0.0624	0.0000197	115	0.000147	0.00518	0.000726	0.00605
2028 Oct	3860	3.44	13.5	0.348	1100	0.38	444	0.00102	0.00102	0.0000126	0.0117	0.0134	0.398	0.044	0.0000139	81.9	0.000101	0.00314	0.000554	0.0046
2028 Nov	3690	3.23	12.6	0.327	1050	0.36	428	0.00101	0.00101	0.0000121	0.0115	0.0126	0.377	0.0422	0.0000133	78.7	0.0000964	0.00296	0.000535	0.00443
2028 Dec	3660	3.21	12.5	0.324	1040	0.358	424	0.00101	0.00101	0.000012	0.0115	0.0125	0.374	0.042	0.0000132	78.2	0.0000958	0.00294	0.000531	0.0044
2029 Jan	3650	3.19	12.5	0.323	1030	0.356	423	0.00101	0.00101	0.000012	0.0115	0.0125	0.373	0.042	0.0000132	78	0.0000955	0.00293	0.000531	0.00439
2029 Feb	3640	3.19	12.5	0.322	1030	0.356	422	0.00101	0.00101	0.000012	0.0115	0.0125	0.372	0.0421	0.0000132	78	0.0000954	0.00292	0.000533	0.00439
2029 Mar	3640	3.19	12.5	0.322	1030	0.355	422	0.00101	0.00101	0.000012	0.0115	0.0125	0.371	0.0421	0.0000132	77.9	0.0000953	0.00292	0.000534	0.00439
2029 Apr	3640	3.18	12.4	0.322	1030	0.355	421	0.00101	0.00101	0.000012	0.0115	0.0125	0.371	0.0422	0.0000132	77.9	0.0000952	0.00292	0.000534	0.00438
2029 May	3640	3.19	12.5	0.322	1030	0.356	422	0.00102	0.00102	0.000012	0.0115	0.013	0.372	0.0422	0.0000132	78.1	0.0000954	0.00292	0.000536	0.00439
2029 Jun	2410	1.92	7.5	0.195	640	0.224	280	0.000982	0.000982	0.00000904	0.00996	0.0206	0.234	0.0296	0.00000986	52.9	0.0000687	0.00184	0.000385	0.00305
2029 Jul	2990	1.82	7.2	0.188	684	0.217	355	0.000943	0.000943	0.0000085	0.0103	0.00766	0.246	0.0265	0.00000964	57	0.0000769	0.00177	0.000436	0.00345
2029 Aug	3020	1.98	7.53	0.182	719	0.207	329	0.000649	0.000649	0.00000691	0.00831	0.00921	0.25	0.0226	0.00000805	51.4	0.0000674	0.00159	0.000404	0.0033
2029 Sep	2290	1.46	5.59	0.138	537	0.153	256	0.000237	0.000237	0.00000395	0.00446	0.00886	0.186	0.0145	0.00000482	37.4	0.0000459	0.00117	0.000285	0.00238
2029 Oct	3470	0.967	3.51	0.0856	587	0.134	467	0.000254	0.000254	0.00000241	0.00665	0.00899	0.198	0.0108	0.00000401	54.1	0.0000577	0.000734	0.000423	0.0035
2029 Nov	3170	0.58	2	0.0534	476	0.117	459	0.000516	0.000516	0.00000301	0.00853	0.00406	0.164	0.0129	0.00000453	55.2	0.0000559	0.000553	0.000424	0.00346
2029 Dec	3050	0.562	1.92	0.0514	459	0.115	442	0.000534	0.000534	0.00000308	0.00853	0.00395	0.159	0.013	0.00000454	53.7	0.0000543	0.000539	0.000413	0.00337
2030 Jan	3020	0.557	1.9	0.0508	453	0.114	437	0.00054	0.00054	0.00000311	0.00852	0.00393	0.157	0.0133	0.00000455	53.4	0.0000539	0.000537	0.000414	0.00335
2030 Feb	3000	0.554	1.89	0.0505	451	0.113	434	0.000543	0.000543	0.00000312	0.00851	0.00392	0.156	0.0137	0.00000455	53.5	0.0000537	0.000538	0.000419	0.00334
2030 Mar	2990	0.553	1.88	0.0503	449	0.113	433	0.000545	0.000545	0.00000313	0.0085	0.00392	0.155	0.0139	0.00000455	53.5	0.0000536	0.000539	0.000422	0.00333
2030 Apr	2980	0.552	1.88	0.0502	448	0.113	432	0.000546	0.000546	0.00000313	0.00849	0.00391	0.155	0.0141	0.00000456	53.5	0.0000535	0.00054	0.000424	0.00333
2030 May	2990	0.554	1.88	0.0503	450	0.113	433	0.00055	0.00055	0.00000315	0.00853	0.0209	0.156	0.0143	0.00000458	53.8	0.0000537	0.000543	0.000428	0.00334
2030 Jun	4070	4.42	18.4	0.515	1280	0.537	513	0.00172	0.00172	0.0000203	0.0155	0.0261	0.506	0.0669	0.0000213	108	0.000143	0.00496	0.000668	0.00527
2030 Jul	2970	2.38	9.02	0.216	782	0.24	315	0.000717	0.000717	0.00000816	0.00861	0.0108	0.282	0.0264	0.00000918	53.8	0.0000711	0.00188	0.000403	0.00333
2030 Aug	3670	3.3	13	0.331	1030	0.35	409	0.000732	0.000732	0.0000109	0.00883	0.0167	0.381	0.037	0.0000121	72.1	0.0000927	0.00295	0.000489	0.00407
2030 Sep	5950	6.23	25.5	0.685	1840	0.694	698	0.00125	0.00125	0.0000217	0.0136	0.0361	0.7	0.0741	0.0000233	133	0.000171	0.00624	0.000815	0.00677
2030 Oct	6030	5.85	24	0.649	1770	0.666	733	0.00119	0.00119	0.0000205	0.0136	0.0292	0.677	0.0705	0.0000222	133	0.000169	0.00595	0.00082	0.00679
2030 Nov	5540	4.84	19.8	0.536	1520	0.564	691	0.00108	0.00108	0.0000172	0.0128	0.0242	0.582	0.0598	0.000019	119	0.000149	0.00494	0.000752	0.00622
2030 Dec	5440	4.75	19.4	0.526	1490	0.554	678	0.00108	0.00108	0.000017	0.0127	0.0238	0.572	0.0591	0.0000187	117	0.000146	0.00485	0.000741	0.00613
2031 Jan	5400	4.72	19.3	0.522	1480	0.551	673	0.00108	0.00108	0.0000169	0.0127	0.0236	0.568	0.0589	0.0000186	117	0.000145	0.00482	0.000739	0.00609
2031 Feb	5380	4.7	19.2	0.52	1470	0.549	671	0.00108	0.00108	0.0000169	0.0126	0.0235	0.566	0.059	0.0000186	117	0.000145	0.00481	0.000741	0.00608
2031 Mar	5370	4.69	19.2	0.519	1470	0.548	670	0.00108	0.00108	0.0000169	0.0126	0.0235	0.565	0.059	0.0000185	116	0.000145	0.0048	0.000742	0.00607
2031 Apr	5370	4.69	19.2	0.519	1470	0.548	669	0.00108	0.00108	0.0000169	0.0126	0.0292	0.565	0.0591	0.0000185	116	0.000145	0.0048	0.000744	0.00607
2031 May	5210	4.41	18	0.487	1390	0.518	653	0.00105	0.00105	0.000016	0.0124	0.0467	0.537	0.0574	0.0000177	113	0.000139	0.00453	0.000747	0.00591

Appendix D.2-25: FZO02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Jun	2560	3.17	13.7	0.4	864	0.408	353	0.00147	0.00147	0.0000166	0.0113	0.0175	0.358	0.0697	0.0000171	93	0.000109	0.00412	0.000765	0.00388
2031 Jul	908	0.667	2.95	0.0877	213	0.0942	134	0.000187	0.000187	0.0000029	0.00196	0.00586	0.0917	0.01	0.0000032	21.6	0.0000262	0.000865	0.000127	0.00102
2031 Aug	3530	3.66	16.2	0.484	1040	0.491	520	0.00102	0.00102	0.0000163	0.00881	0.016	0.444	0.055	0.0000171	98.1	0.000124	0.00474	0.000527	0.00425
2031 Sep	3100	3.02	13.3	0.396	872	0.415	457	0.00104	0.00104	0.0000143	0.00941	0.0122	0.374	0.0487	0.0000151	86.6	0.000108	0.00392	0.000483	0.00388
2031 Oct	1920	1.32	5.61	0.167	428	0.202	284	0.000771	0.000771	0.00000756	0.00769	0.00572	0.187	0.0264	0.00000822	50.5	0.0000589	0.00174	0.000315	0.00253
2031 Nov	1870	1.24	5.2	0.155	405	0.191	276	0.000778	0.000778	0.00000731	0.00778	0.00539	0.177	0.0256	0.00000795	48.9	0.0000566	0.00162	0.00031	0.00248
2031 Dec	1850	1.23	5.15	0.154	401	0.19	273	0.00078	0.00078	0.00000729	0.00779	0.00535	0.176	0.0255	0.00000793	48.7	0.0000562	0.00161	0.000308	0.00247
2032 Jan	1840	1.22	5.13	0.153	400	0.19	272	0.000781	0.000781	0.00000728	0.00778	0.00534	0.175	0.0256	0.00000792	48.6	0.0000561	0.00161	0.000309	0.00247
2032 Feb	1840	1.22	5.12	0.153	399	0.189	272	0.000781	0.000781	0.00000728	0.00778	0.00533	0.175	0.0257	0.00000791	48.6	0.000056	0.00161	0.000311	0.00247
2032 Mar	1840	1.22	5.12	0.153	399	0.189	271	0.000782	0.000782	0.00000727	0.00778	0.00533	0.175	0.0257	0.00000791	48.6	0.000056	0.0016	0.000312	0.00246
2032 Apr	1840	1.22	5.11	0.153	399	0.189	271	0.000783	0.000783	0.00000728	0.00778	0.00533	0.174	0.0258	0.00000791	48.7	0.000056	0.0016	0.000313	0.00247
2032 May	1980	1.3	5.48	0.157	465	0.197	292	0.000773	0.000773	0.0000072	0.00804	0.0245	0.19	0.0258	0.00000795	53	0.0000586	0.00162	0.000338	0.00266
2032 Jun	3490	2.39	10.7	0.227	1310	0.303	508	0.000939	0.000939	0.00000821	0.0126	0.0168	0.384	0.0283	0.0000102	106	0.0000983	0.00207	0.000642	0.00498
2032 Jul	4040	2.97	13.3	0.304	1470	0.377	588	0.000999	0.000999	0.0000103	0.0132	0.0107	0.454	0.035	0.0000125	120	0.000117	0.00281	0.00071	0.00554
2032 Aug	4340	3.05	13.8	0.279	1750	0.365	632	0.000609	0.000609	0.0000071	0.0117	0.00935	0.488	0.0268	0.00000973	130	0.000111	0.00238	0.000761	0.00599
2032 Sep	1550	1.14	5.17	0.106	637	0.135	226	0.000146	0.000146	0.00000234	0.00367	0.00685	0.178	0.0094	0.00000327	46.6	0.000039	0.000896	0.000266	0.00211
2032 Oct	3760	1.93	8.77	0.148	1350	0.231	549	0.000144	0.000144	0.00000199	0.00809	0.00621	0.362	0.011	0.00000443	102	0.0000777	0.00114	0.000614	0.00489
2032 Nov	5880	3.24	14.8	0.219	2420	0.365	855	0.000224	0.000224	0.00000214	0.0139	0.0056	0.603	0.0147	0.0000063	172	0.000122	0.00151	0.00103	0.00812
2032 Dec	6080	3.37	15.4	0.222	2550	0.379	882	0.000319	0.000319	0.00000243	0.0153	0.00496	0.629	0.0161	0.00000678	181	0.000127	0.00151	0.00108	0.00856
2033 Jan	5930	3.3	15	0.216	2490	0.371	861	0.000336	0.000336	0.0000025	0.0152	0.00488	0.614	0.0165	0.00000674	177	0.000124	0.00148	0.00107	0.00838
2033 Feb	5880	3.27	14.8	0.214	2470	0.368	853	0.000342	0.000342	0.00000252	0.0151	0.00486	0.609	0.017	0.00000673	176	0.000123	0.00148	0.00107	0.00832
2033 Mar	5860	3.25	14.8	0.213	2460	0.366	850	0.000345	0.000345	0.00000253	0.015	0.00485	0.606	0.0172	0.00000672	175	0.000122	0.00147	0.00107	0.00829
2033 Apr	5850	3.25	14.8	0.213	2450	0.366	849	0.000348	0.000348	0.00000254	0.015	0.00485	0.605	0.0175	0.00000673	175	0.000122	0.00148	0.00107	0.00829
2033 May	5640	3.16	14.4	0.205	2390	0.352	816	0.000419	0.000419	0.0000028	0.0149	0.0233	0.587	0.0228	0.00000685	175	0.00012	0.00147	0.00115	0.00815
2033 Jun	5470	3.39	15.4	0.274	2200	0.398	794	0.000698	0.000698	0.0000065	0.0151	0.0166	0.584	0.0363	0.0000101	171	0.000131	0.00231	0.00116	0.00783
2033 Jul	5700	4.22	19.1	0.384	2400	0.496	826	0.000807	0.000807	0.00000966	0.0155	0.015	0.663	0.0442	0.0000131	182	0.000149	0.00332	0.00116	0.00815
2033 Aug	3420	2.36	10.7	0.21	1380	0.278	497	0.000327	0.000327	0.00000457	0.00827	0.00923	0.382	0.0205	0.00000669	103	0.0000839	0.00177	0.000628	0.0047
2033 Sep	5490	3.91	17.8	0.324	2440	0.443	795	0.000399	0.000399	0.00000589	0.0134	0.00886	0.636	0.0261	0.00000954	171	0.000131	0.00256	0.000982	0.00776
2033 Oct	5970	3.49	15.9	0.251	2480	0.398	867	0.000336	0.000336	0.00000347	0.0147	0.00615	0.629	0.0191	0.00000761	177	0.000129	0.00183	0.00105	0.00833
2033 Nov	5880	3.42	15.5	0.243	2440	0.39	854	0.000354	0.000354	0.00000344	0.0147	0.00592	0.618	0.0189	0.00000753	175	0.000127	0.00178	0.00104	0.00823
2033 Dec	5870	3.41	15.5	0.243	2430	0.389	851	0.000356	0.000356	0.00000344	0.0147	0.00591	0.617	0.0189	0.00000753	174	0.000126	0.00177	0.00104	0.00821
2034 Jan	5860	3.41	15.5	0.242	2430	0.389	850	0.000356	0.000356	0.00000345	0.0147	0.0059	0.616	0.0189	0.00000752	174	0.000126	0.00177	0.00104	0.0082
2034 Feb	5850	3.4	15.5	0.242	2430	0.388	850	0.000357	0.000357	0.00000345	0.0147	0.0059	0.615	0.0189	0.00000752	174	0.000126	0.00177	0.00104	0.0082
2034 Mar	5850	3.4	15.5	0.242	2430	0.388	850	0.000357	0.000357	0.00000345	0.0147	0.0059	0.615	0.019	0.00000752	174	0.000126	0.00177	0.00104	0.00819
2034 Apr	5860	3.4	15.5	0.242	2430	0.388	850	0.000358	0.000358	0.00000345	0.0147	0.0059	0.615	0.019	0.00000753	174	0.000126	0.00177	0.00104	0.0082
2034 May	5700	3.29	14.9	0.234	2350	0.377	830	0.000378	0.000378	0.00000348	0.0145	0.0184	0.599	0.0199	0.00000745	171	0.000123	0.00173	0.00104	0.00803
2034 Jun	5000	3.2	14.4	0.262	2020	0.383	734	0.000711	0.000711	0.00000662	0.0145	0.0147	0.55	0.0359	0.0000099	160	0.000123	0.00226	0.00109	0.00734
2034 Jul	5640	3.93	17.8	0.342	2340	0.478	847	0.000715	0.000715	0.00000819	0.0157	0.0133	0.664	0.0393	0.0000119	185	0.000145	0.00296	0.00117	0.00836
2034 Aug	3590	2.52	11.4	0.223	1480	0.31	547	0.000392	0.000392	0.00000507	0.00956	0.00982	0.43	0.0233	0.00000746	117	0.000093	0.00193	0.000717	0.00532
2034 Sep	5740	3.89	17.7	0.316	2480	0.484	908	0.000401	0.000401	0.00000565	0.0154	0.00868	0.718	0.0265	0.00000993	195	0.000146	0.00262	0.00113	0.00889
2034 Oct	6220	3.87	17.6	0.295	2600	0.486	983	0.000398	0.000398	0.00000483	0.0167	0.00749	0.749	0.0246	0.00000954	207	0.000152	0.00241	0.00121	0.00959
2034 Nov	6170	3.82	17.4	0.288	2590	0.48	976	0.000403	0.000403	0.00000468	0.0168	0.00725	0.743	0.0241	0.00000939	206	0.00015	0.00235	0.00121	0.00955
2034 Dec	6150	3.81	17.4	0.288	2590	0.479	974	0.000404	0.000404	0.00000468	0.0168	0.00723	0.741	0.0241	0.00000937	206	0.00015	0.00234	0.00121	0.00953
2035 Jan	6150	3.81	17.3	0.287	2580	0.478	973	0.000405	0.000405	0.00000468	0.0168	0.00722	0.74	0.0241	0.00000937	206	0.00015	0.00234	0.00121	0.00952
2035 Feb	6140	3.81	17.3	0.287	2580	0.478	972	0.000405	0.000405	0.00000468	0.0168	0.00722	0.74	0.0241	0.00000937	206	0.00015	0.00234	0.00121	0.00952
2035 Mar	6140	3.81	17.3	0.287	2580	0.478	972	0.000405	0.000405	0.00000468	0.0167	0.00722	0.739	0.0242	0.00000937	206	0.00015	0.00234	0.00121	0.00951
2035 Apr	6140	3.81	17.3	0.287	2580	0.478	972	0.000406	0.000406	0.00000469	0.0168	0.00722	0.74	0.0242	0.00000937	206	0.00015	0.00234	0.00121	0.00952
2035 May	6160	3.8	17.3	0.286	2580	0.478	975	0.000406	0.000406	0.00000467	0.0168	0.0145	0.74	0.0243	0.00000937	206	0.00015	0.00234	0.00121	0.00954
2035 Jun	4600	3	13.5	0.261	1780	0.394	722	0.000803	0.000803	0.00000758	0.0149	0.015	0.551	0.033	0.0000107	155	0.000126	0.0024	0.000979	0.00714
2035 Jul	4390	3.16	14.3	0.302	1690	0.418	689	0.000857	0.000857	0.00000917	0.0142	0.0138	0.544	0.0368	0.000012	148	0.000128	0.00283	0.000912	0.00674
2035 Aug	4030	2.7	12.3	0.247	1530	0.369	665	0.00044	0.00044	0.00000591	0.0113	0.00977	0.513	0.025	0.00000879	138	0.000111	0.00229	0.000812	0.0063
2035 Sep	5880	3.93	17.9	0.315	2520	0.537	1020	0.000404	0.000404	0.00000563	0.0173	0.00876	0.813	0.0276	0.0000106	222	0.000162	0.00279	0.00128	0.0101
2035 Oct	6250	4.08	18.6	0.324	2640	0.557	1080	0.000361	0.000361	0.00000546	0.0178	0.00896	0.852	0.0275	0.0000107	233	0.00017	0.00287	0.00134	0.0106
2035 Nov	6240	3.8	17.3	0.292	2540	0.528	1080	0.000345	0.000345	0.00000469	0.0177	0.00797	0.823	0.025	0.00000989	227	0.000165	0.00258	0.00133	0.0105
2035 Dec	6180	3.76	17.1	0.288	2510	0.522	1070	0.000353	0.000353	0.00000469	0.0176	0.00789	0.814	0.0249	0.00000984	225	0.000163	0.00256	0.00131	0.0104
2036 Jan	6160	3.75	17.1	0.288	2500	0.521	1060	0.000354	0.000354	0.00000469	0.0176	0.00787	0.812	0.0249	0.00000982	224	0.000163	0.00255	0.00131	0.0103
2036 Feb	6150	3.74	17	0.287	2500	0.52	1060	0.000355	0.000355	0.00000469	0.0176	0.00786	0.811	0.025	0.00000982	224	0.000162	0.00255	0.00131	0.0103
2036 Mar	6150	3.74	17	0.287	2500	0.52	1060	0.000356	0.000356	0.00000469	0.0176	0.00786	0.81	0.025	0.00000981	224	0.000162	0.00255	0.00131	0.0103
2036 Apr	6160	3.74	17	0.287	2500	0.521	1060	0.000355	0.000355	0.00000468	0.0176	0.0132	0.811	0.025	0.00000981	224	0.000163	0.00255	0.00131	0.0103
2036 May	6200	3.75	17.1	0.287	2510	0.523	1070	0.000353	0.000353	0.00000466	0.0177	0.0272	0.816	0.025	0.00000983	226	0.000164	0.00255	0.00132	0.0104
2036 Jun	5240	3.28	14.9	0.276	2030	0.471	908	0.000592	0.000592	0.00000652	0.0164	0.0171	0.696	0.0281	0.0000107	191	0.000148	0.0026	0.00113	0.00882
2036 Jul	4810	3.44	15.6	0.327	1850	0.493	832	0.000777	0.000777	0.00000921	0.0158	0.0135	0.666	0.0354	0.0000128	178	0.000148	0.00316	0.00103	0.00808
2036 Aug	3570	2.45	11.1	0.235	1310	0.358	624	0.000448	0.000448	0.00000611	0.0107	0.0103	0.488	0.0243	0.00000876	129	0.000107	0.00229	0.000748	0.0059
2036 Sep	4730	2.89	13.2	0.233	1860	0.44	885	0.0002	0.0002	0.00000376	0.0137	0.00804	0.683	0.0201	0.00000801	186	0.000136	0.00223	0.00108	0.00852
2036 Oct	5450	3.19	14.5	0.243	2140	0.494	1030	0.000255	0.000255	0.00000379	0.0165	0.00755	0.782	0.0216	0.0000088	216	0.000155	0.00234	0.00126	0.00996
2036 Nov	5480	3.12	14.2	0.234	2130	0.488	1030	0.000263	0.000263	0.00000361	0.0167	0.00721	0.779	0.0211	0.00000865	216	0.000154	0.00226	0.00127	0.01
2036 Dec	5400	3.06	13.9	0.228	2090	0.479	1010	0.000277	0.000277	0.00000358	0.0166	0.00703	0.766	0.0209	0.00000856	213	0.000152	0.00221	0.00125	0.00986
2037 Jan	5710	3.25	14.8	0.236	2260	0.508	1080	0.00025	0.00025	0.00000334	0.0176	0.00702	0.821	0.0209	0.00000872	229	0.000161	0.00227	0.00134	0.0106
2037 Feb	5710	3.25	14.8	0.236	2260	0.508	1080	0.00025	0.00025	0.00000334	0.0176	0.00702	0.822	0.021	0.00000872	229	0.000161	0.00227	0.00134	0.0106
2037 Mar	5710	3.25	14.8	0.236	2260	0.507	1080	0.000251	0.000251	0.00000334	0.0176	0.00702	0.822	0.021	0.00000871	229	0.000161	0.00227	0.00134	0.0106
2037 Apr	5710	3.24	14.8	0.236	2260	0.507	1080	0.000251	0.000251	0.00000334	0.0176	0.00702	0.821	0.021	0.00000872	229	0.000161	0.00227	0.00134	0.0106
2037 May	5230	2.89	13.2	0.21	2020	0.457	984	0.000318	0.000318	0.00000343	0.0165	0.00647	0.738	0.0228	0.00000829	209	0.000147	0.00208	0.00127	0.00966
2037 Jun	3800	1.81	8.18	0.129	1290	0.308	704	0.000506	0.000506	0.00000357	0.0125	0.00438	0.494	0.0208	0.00000694	146	0.000105	0.0014	0.000962	0.00694
2037 Jul	2860	1.33	6.05	0.0944	961	0.237	532	0.000635	0.000635	0.00000391	0.00999	0.00324	0.373	0.0166	0.00000645	111	0.0000796	0.00105	0.00073	0.00543
2037 Aug	2350	1.08	4.92	0.0765	787	0.199	439	0.000706	0.000706	0.00000411	0.00869	0.00265	0.307	0.0146	0.00000621	92.6	0.0000662	0.000865	0.000612	0.00461
2037 Sep	2050	0.938	4.25	0.0659	684	0.177	384	0.000747	0.000747	0.00000422	0.00794	0.0023	0.269	0.0135	0.00000606	81.6	0.0000583	0.000744	0.000545	0.00411
2037 Oct	2020	0.923	4.19	0.0644	677	0.176	382	0.000748	0.000748	0.0000042	0.00791	0.00223	0.268	0.0131	0.00000603	81.3	0.0000578	0.000725	0.00054	0.0041

Appendix D.2-25: FZO02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Nov	2040	0.933	4.23	0.065	685	0.178	386	0.000745	0.000745	0.00000419	0.00798	0.00225	0.271	0.0131	0.00000604	82.2	0.0000584	0.000732	0.000545	0.00414
2037 Dec	2050	0.935	4.24	0.065	686	0.178	387	0.000745	0.000745	0.00000419	0.00799	0.00225	0.272	0.0131	0.00000604	82.3	0.0000585	0.000733	0.000546	0.00414
2038 Jan	2050	0.934	4.24	0.065	686	0.178	387	0.000745	0.000745	0.00000419	0.00799	0.00225	0.272	0.0131	0.00000604	82.3	0.0000584	0.000733	0.000546	0.00414
2038 Feb	2050	0.934	4.24	0.065	686	0.178	387	0.000745	0.000745	0.00000419	0.00799	0.00225	0.272	0.0132	0.00000604	82.3	0.0000584	0.000733	0.000546	0.00414
2038 Mar	2050	0.934	4.24	0.065	686	0.178	387	0.000745	0.000745	0.00000419	0.00799	0.00225	0.272	0.0132	0.00000604	82.3	0.0000584	0.000733	0.000546	0.00414
2038 Apr	2050	0.935	4.24	0.0651	686	0.178	387	0.000745	0.000745	0.00000419	0.00799	0.00225	0.272	0.0132	0.00000605	82.3	0.0000585	0.000733	0.000546	0.00414
2038 May	2040	0.925	4.19	0.0644	678	0.177	384	0.000749	0.000749	0.0000042	0.008	0.00225	0.269	0.0136	0.00000604	81.9	0.0000582	0.000732	0.000549	0.00412
2038 Jun	1880	0.813	3.66	0.0565	596	0.159	351	0.000764	0.000764	0.00000422	0.00767	0.00214	0.241	0.0149	0.00000588	75.5	0.000054	0.000683	0.000535	0.00381
2038 Jul	1710	0.735	3.31	0.0511	540	0.147	319	0.000792	0.000792	0.00000432	0.0072	0.00196	0.218	0.0141	0.00000583	69	0.0000494	0.000628	0.000489	0.00354
2038 Aug	1600	0.681	3.06	0.0473	501	0.139	299	0.00081	0.00081	0.00000438	0.0069	0.00182	0.204	0.0135	0.00000579	64.8	0.0000464	0.000586	0.00046	0.00336
2038 Sep	1520	0.644	2.9	0.0446	475	0.134	287	0.000818	0.000818	0.00000439	0.00671	0.00173	0.196	0.013	0.00000575	62.3	0.0000446	0.000554	0.000443	0.00324
2038 Oct	1500	0.633	2.85	0.0438	468	0.133	284	0.000818	0.000818	0.00000439	0.00668	0.0017	0.194	0.0128	0.00000573	61.7	0.0000442	0.000544	0.000438	0.00322
2038 Nov	1510	0.637	2.87	0.044	471	0.134	286	0.000817	0.000817	0.00000439	0.0067	0.00171	0.196	0.0128	0.00000574	62.1	0.0000444	0.000547	0.00044	0.00323
2038 Dec	1510	0.638	2.87	0.0441	472	0.134	286	0.000817	0.000817	0.00000439	0.00671	0.00171	0.196	0.0128	0.00000574	62.2	0.0000444	0.000547	0.00044	0.00324
2039 Jan	1510	0.638	2.87	0.0441	472	0.134	286	0.000817	0.000817	0.00000439	0.00671	0.00171	0.196	0.0128	0.00000574	62.2	0.0000445	0.000548	0.00044	0.00324
2039 Feb	1510	0.638	2.87	0.0441	472	0.134	286	0.000817	0.000817	0.00000439	0.00671	0.00171	0.196	0.0128	0.00000574	62.2	0.0000445	0.000548	0.000441	0.00324
2039 Mar	1510	0.638	2.87	0.0441	472	0.134	286	0.000817	0.000817	0.00000439	0.00671	0.00171	0.196	0.0128	0.00000574	62.2	0.0000445	0.000548	0.000441	0.00324
2039 Apr	1510	0.638	2.87	0.0441	472	0.134	287	0.000817	0.000817	0.00000439	0.00671	0.00171	0.196	0.0128	0.00000574	62.2	0.0000445	0.000548	0.000441	0.00324
2039 May	1520	0.639	2.88	0.0442	473	0.134	287	0.000818	0.000818	0.00000439	0.00672	0.00172	0.196	0.0128	0.00000575	62.3	0.0000446	0.000549	0.000442	0.00325
2039 Jun	1590	0.669	3.02	0.0458	498	0.145	312	0.000799	0.000799	0.0000043	0.00719	0.0018	0.216	0.0127	0.00000579	67.4	0.0000485	0.000588	0.000465	0.00347
2039 Jul	1540	0.628	2.83	0.043	468	0.139	302	0.000801	0.000801	0.00000429	0.00705	0.00174	0.207	0.0123	0.00000573	64.8	0.000047	0.000567	0.000446	0.00336
2039 Aug	1490	0.603	2.72	0.0413	450	0.137	294	0.000808	0.000808	0.00000431	0.00694	0.0017	0.202	0.0121	0.00000571	63.3	0.0000458	0.00055	0.000435	0.0033
2039 Sep	1440	0.581	2.62	0.0398	435	0.133	285	0.000815	0.000815	0.00000434	0.0068	0.00164	0.196	0.0119	0.00000569	61.5	0.0000444	0.00053	0.000424	0.00322
2039 Oct	1420	0.574	2.59	0.0392	429	0.132	282	0.000816	0.000816	0.00000434	0.00676	0.00162	0.194	0.0118	0.00000569	61	0.000044	0.000523	0.000421	0.00319
2039 Nov	1430	0.575	2.6	0.0393	430	0.133	283	0.000816	0.000816	0.00000434	0.00677	0.00162	0.195	0.0118	0.00000569	61.2	0.0000442	0.000525	0.000422	0.0032
2039 Dec	1430	0.576	2.6	0.0394	431	0.133	283	0.000816	0.000816	0.00000434	0.00677	0.00162	0.195	0.0118	0.00000569	61.2	0.0000442	0.000525	0.000422	0.0032
2040 Jan	1430	0.576	2.6	0.0394	431	0.133	283	0.000816	0.000816	0.00000434	0.00678	0.00162	0.195	0.0118	0.00000569	61.2	0.0000442	0.000525	0.000422	0.0032
2040 Feb	1430	0.576	2.6	0.0394	431	0.133	284	0.000816	0.000816	0.00000434	0.00678	0.00163	0.195	0.0118	0.00000569	61.2	0.0000442	0.000525	0.000422	0.0032
2040 Mar	1430	0.576	2.6	0.0394	431	0.133	284	0.000816	0.000816	0.00000434	0.00678	0.00163	0.195	0.0118	0.00000569	61.3	0.0000442	0.000525	0.000422	0.0032
2040 Apr	1430	0.576	2.6	0.0394	431	0.133	284	0.000816	0.000816	0.00000434	0.00678	0.00163	0.195	0.0118	0.00000569	61.3	0.0000442	0.000525	0.000422	0.00321
2040 May	1430	0.577	2.6	0.0394	432	0.133	284	0.000817	0.000817	0.00000434	0.00679	0.00163	0.195	0.0119	0.0000057	61.4	0.0000443	0.000527	0.000424	0.00321
2040 Jun	1380	0.546	2.46	0.0373	408	0.127	272	0.00082	0.00082	0.00000435	0.0067	0.0016	0.186	0.0123	0.00000564	59.3	0.0000429	0.000513	0.000418	0.0031
2040 Jul	1340	0.529	2.38	0.0362	396	0.125	266	0.000828	0.000828	0.00000438	0.00659	0.00156	0.182	0.0121	0.00000564	58	0.000042	0.000503	0.000409	0.00305
2040 Aug	1310	0.517	2.32	0.0353	387	0.123	261	0.000834	0.000834	0.0000044	0.00652	0.00153	0.179	0.012	0.00000564	57.1	0.0000413	0.000494	0.000402	0.00301
2040 Sep	1280	0.506	2.28	0.0345	379	0.122	257	0.000837	0.000837	0.00000441	0.00646	0.0015	0.177	0.0118	0.00000564	56.4	0.0000407	0.000484	0.000397	0.00298
2040 Oct	1260	0.499	2.24	0.034	374	0.121	254	0.00084	0.00084	0.00000442	0.00641	0.00148	0.175	0.0118	0.00000563	55.8	0.0000403	0.000478	0.000393	0.00295
2040 Nov	1260	0.5	2.25	0.0341	375	0.122	255	0.00084	0.00084	0.00000442	0.00643	0.00149	0.175	0.0118	0.00000564	56	0.0000404	0.000479	0.000394	0.00296
2040 Dec	1260	0.5	2.25	0.0341	375	0.122	255	0.00084	0.00084	0.00000442	0.00643	0.00149	0.175	0.0118	0.00000564	56	0.0000404	0.00048	0.000395	0.00296
2041 Jan	1260	0.5	2.25	0.0341	375	0.122	255	0.00084	0.00084	0.00000442	0.00643	0.00149	0.175	0.0118	0.00000564	56.1	0.0000404	0.00048	0.000395	0.00296
2041 Feb	1260	0.5	2.25	0.0341	375	0.122	255	0.000839	0.000839	0.00000442	0.00643	0.00149	0.176	0.0118	0.00000564	56.1	0.0000404	0.00048	0.000395	0.00296
2041 Mar	1260	0.501	2.25	0.0341	375	0.122	255	0.00084	0.00084	0.00000442	0.00643	0.00149	0.176	0.0118	0.00000564	56.1	0.0000404	0.00048	0.000395	0.00296
2041 Apr	1260	0.501	2.25	0.0341	375	0.122	255	0.00084	0.00084	0.00000442	0.00643	0.00149	0.176	0.0118	0.00000564	56.1	0.0000404	0.00048	0.000395	0.00297
2041 May	1280	0.507	2.29	0.0346	380	0.124	259	0.000838	0.000838	0.00000442	0.0065	0.00151	0.179	0.0118	0.00000566	57	0.000041	0.000487	0.0004	0.00301
2041 Jun	1250	0.496	2.23	0.0338	372	0.122	256	0.000837	0.000837	0.00000441	0.00652	0.00149	0.177	0.0117	0.00000563	56.5	0.0000409	0.000484	0.000395	0.00298
2041 Jul	1210	0.473	2.13	0.0322	355	0.118	246	0.000838	0.000838	0.00000441	0.00639	0.00145	0.17	0.0115	0.00000558	54.4	0.0000396	0.000469	0.000381	0.00288
2041 Aug	1180	0.463	2.08	0.0315	347	0.117	242	0.000846	0.000846	0.00000444	0.00633	0.00142	0.168	0.0114	0.00000559	53.6	0.000039	0.000462	0.000376	0.00285
2041 Sep	1160	0.455	2.05	0.031	342	0.116	240	0.000849	0.000849	0.00000445	0.0063	0.0014	0.166	0.0113	0.0000056	53.3	0.0000387	0.000456	0.000373	0.00283
2041 Oct	1150	0.453	2.04	0.0308	340	0.116	240	0.000849	0.000849	0.00000445	0.00629	0.0014	0.167	0.0113	0.0000056	53.3	0.0000386	0.000454	0.000373	0.00283
2041 Nov	1150	0.455	2.05	0.0309	342	0.117	241	0.000848	0.000848	0.00000445	0.00631	0.0014	0.167	0.0113	0.0000056	53.5	0.0000388	0.000456	0.000374	0.00285
2041 Dec	1160	0.455	2.05	0.031	342	0.117	241	0.000848	0.000848	0.00000445	0.00631	0.0014	0.168	0.0113	0.0000056	53.6	0.0000388	0.000456	0.000375	0.00285
2042 Jan	1160	0.455	2.05	0.031	342	0.117	241	0.000848	0.000848	0.00000445	0.00631	0.00141	0.168	0.0113	0.0000056	53.6	0.0000388	0.000456	0.000375	0.00285
2042 Feb	1160	0.455	2.05	0.031	342	0.117	241	0.000848	0.000848	0.00000445	0.00631	0.00141	0.168	0.0113	0.0000056	53.6	0.0000388	0.000456	0.000375	0.00285
2042 Mar	1160	0.455	2.05	0.031	342	0.117	241	0.000848	0.000848	0.00000445	0.00631	0.00141	0.168	0.0113	0.0000056	53.6	0.0000388	0.000457	0.000375	0.00285
2042 Apr	1160	0.455	2.05	0.031	342	0.117	241	0.000848	0.000848	0.00000445	0.00632	0.00141	0.168	0.0113	0.00000561	53.6	0.0000388	0.000457	0.000375	0.00285
2042 May	1160	0.457	2.06	0.0311	344	0.118	242	0.00085	0.00085	0.00000446	0.00634	0.00141	0.169	0.0113	0.00000562	53.9	0.000039	0.000459	0.000377	0.00286
2042 Jun	1130	0.444	2	0.0302	334	0.115	236	0.000851	0.000851	0.00000446	0.00629	0.00139	0.164	0.0112	0.00000559	52.6	0.0000383	0.00045	0.000368	0.0028
2042 Jul	1100	0.431	1.94	0.0293	324	0.113	231	0.000853	0.000853	0.00000446	0.00622	0.00136	0.161	0.0111	0.00000557	51.6	0.0000376	0.000443	0.000361	0.00276
2042 Aug	1090	0.426	1.92	0.029	321	0.114	231	0.000852	0.000852	0.00000446	0.00621	0.00136	0.162	0.011	0.00000557	51.8	0.0000376	0.000443	0.000361	0.00276
2042 Sep	1070	0.419	1.89	0.0285	316	0.113	229	0.000853	0.000853	0.00000446	0.00618	0.00134	0.161	0.011	0.00000556	51.5	0.0000373	0.000438	0.000359	0.00275
2042 Oct	1060	0.417	1.88	0.0283	314	0.113	229	0.000852	0.000852	0.00000445	0.00618	0.00134	0.161	0.0109	0.00000556	51.5	0.0000372	0.000437	0.000358	0.00275
2042 Nov	1070	0.418	1.88	0.0284	315	0.114	230	0.000852	0.000852	0.00000445	0.00619	0.00134	0.162	0.011	0.00000556	51.7	0.0000374	0.000438	0.000359	0.00276
2042 Dec	1070	0.418	1.88	0.0284	315	0.114	230	0.000852	0.000852	0.00000445	0.0062	0.00134	0.162	0.011	0.00000556	51.7	0.0000374	0.000439	0.00036	0.00276
2043 Jan	1070	0.418	1.88	0.0284	315	0.114	230	0.000852	0.000852	0.00000445	0.0062	0.00134	0.162	0.011	0.00000556	51.7	0.0000374	0.000439	0.00036	0.00276
2043 Feb	1070	0.418	1.88	0.0284	315	0.114	230	0.000852	0.000852	0.00000445	0.0062	0.00134	0.162	0.011	0.00000556	51.7	0.0000374	0.000439	0.00036	0.00276
2043 Mar	1070	0.418	1.88	0.0284	315	0.114	230	0.000852	0.000852	0.00000445	0.0062	0.00134	0.162	0.011	0.00000556	51.7	0.0000374	0.000439	0.00036	0.00276
2043 Apr	1070	0.419	1.88	0.0284	315	0.114	230	0.000852	0.000852	0.00000445	0.0062	0.00134	0.162	0.011	0.00000556	51.8	0.0000374	0.000439	0.00036	0.00276
2043 May	1070	0.419	1.89	0.0285	316	0.114	230	0.000854	0.000854	0.00000446	0.00621	0.00135	0.162	0.011	0.00000557	51.9	0.0000375	0.00044	0.000361	0.00277
2043 Jun	1040	0.408	1.83	0.0277	307	0.111	224	0.000855	0.000855	0.00000446	0.00617	0.00134	0.158	0.0112	0.00000554	50.9	0.0000369	0.000434	0.000358	0.00271
2043 Jul	1030	0.404	1.82	0.0274	304	0.111	223	0.000859	0.000859	0.00000448	0.00616	0.00133	0.158	0.0112	0.00000556	50.8	0.0000367	0.000434	0.000357	0.00271
2043 Aug	1040	0.409	1.84	0.0277	308	0.113	227	0.000861	0.000861	0.00000449	0.00623	0.00135	0.161	0.0113	0.00000559	51.7	0.0000373	0.000441	0.000362	0.00275
2043 Sep	1060	0.415	1.87	0.0281	312	0.116	233	0.000858	0.000858	0.00000448	0.0063	0.00137	0.165	0.0113	0.00000561	52.8	0.0000381	0.00045	0.000369	0.0028
2043 Oct	1070	0.419	1.88	0.0283	315	0.117	237	0.000855	0.000855	0.00000447	0.00636	0.00139	0.168	0.0113	0.00000562	53.7	0.0000386	0.000456	0.000373	0.00284
2043 Nov	1070	0.42	1.89	0.0284	316	0.118	238	0.000854	0.000854	0.00000447	0.00639	0.00139	0.169	0.0114	0.00000562	53.9	0.0000388	0.000458	0.000375	0.00285
2043 Dec	1070	0.421	1.89	0.0284	316	0.118	238	0.000854	0.000854	0.00000447	0.00639	0.00139	0.169	0.0114	0.00000562	53.9	0.0000388	0.000458	0.000375	0.00285

Appendix D.2-25: FZO02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.00379	0.0000002	0.0666	0.161	0.00409	0.00000589	0.25	0.0000519	0.0014	0.0000191	0.00000459	0.00000259	0.00621	3.99E-08	0.000002	0.0000419	0.0000309	0.0000539
Operation (2026-2036): Mean	0.0348	0.0000352	14.4	59.4	0.428	0.00653	925	0.0443	0.0713	0.0000898	0.00188	0.000928	2.12	0.000101	0.00235	0.00168	0.00466	0.00156
Operation (2026-2036): Max	0.0895	0.0000624	43	120	1.18	0.0111	1720	0.0832	0.214	0.000636	0.00353	0.0017	6.89	0.000392	0.00518	0.00314	0.00812	0.00583
Active Closure (2037-2043): Min	0.0238	0.0000142	2.64	24.4	0.0725	0.00225	194	0.0168	0.0116	0.0000556	0.000754	0.000376	0.229	0.00000315	0.000534	0.000782	0.00196	0.0000146
Active Closure (2037-2043): Mean	0.0269	0.00002	3.74	35.8	0.112	0.00332	353	0.0247	0.0136	0.000104	0.00109	0.000538	0.372	0.0000067	0.000814	0.00108	0.00245	0.0000679
Active Closure (2037-2043): Max	0.0454	0.0000632	12.2	121	0.407	0.0111	1470	0.0832	0.0319	0.000223	0.00358	0.00171	1.5	0.0000386	0.00292	0.00322	0.00617	0.000547
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2043)																		
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0.00379	0.0000002	0.0666	0.161	0.00409	0.00000589	0.25	0.0000519	0.0014	0.0000191	0.00000459	0.00000259	0.00621	3.99E-08	0.000002	0.0000419	0.0000309	0
2028 Feb	0.00921	0.000000485	0.162	0.392	0.00993	0.0000143	0.608	0.000126	0.00339	0.0000463	0.0000111	0.0000063	0.0151	9.69E-08	0.00000485	0.000102	0.0000751	0
2028 Mar	0.0127	0.000000667	0.223	0.539	0.0137	0.0000197	0.837	0.000173	0.00467	0.0000638	0.0000153	0.00000867	0.0207	0.000000133	0.00000667	0.00014	0.000103	0
2028 Apr	0.0152	0.000000802	0.268	0.648	0.0164	0.0000237	1.01	0.000209	0.00561	0.0000767	0.0000184	0.0000104	0.0249	0.00000016	0.00000802	0.000168	0.000124	0
2028 May	0.0171	0.00000112	0.326	1.02	0.0193	0.0000637	2.87	0.000482	0.00634	0.0000874	0.0000326	0.0000176	0.0305	0.00000019	0.0000174	0.000198	0.000162	0
2028 Jun	0.0369	0.0000184	13	19.1	0.343	0.00341	317	0.0185	0.0833	0.000116	0.000877	0.000414	1.93	0.000106	0.00157	0.000869	0.00374	0.00154
2028 Jul	0.0251	0.0000168	12.8	17.3	0.291	0.00404	327	0.0193	0.0664	0.0000739	0.000923	0.000435	1.7	0.00009	0.00141	0.000797	0.0031	0.00127
2028 Aug	0.0301	0.000026	33.2	37.7	0.901	0.00702	779	0.0372	0.167	0.000122	0.00145	0.000781	5.27	0.000299	0.00398	0.00107	0.00646	0.00443
2028 Sep	0.032	0.000029	36.3	42.1	0.975	0.00805	862	0.042	0.18	0.000121	0.00164	0.000885	5.71	0.000322	0.00435	0.00119	0.00693	0.00477
2028 Oct	0.0395	0.0000248	22.6	29.8	0.582	0.00593	550	0.0298	0.128	0.0000795	0.00121	0.000648	3.4	0.000187	0.0027	0.000972	0.0048	0.00274
2028 Nov	0.0398	0.0000242	21.3	28.6	0.547	0.00566	519	0.0284	0.123	0.0000757	0.00116	0.000621	3.19	0.000175	0.00254	0.000941	0.0046	0.00256
2028 Dec	0.0398	0.0000241	21.1	28.4	0.542	0.00562	514	0.0282	0.123	0.0000753	0.00115	0.000616	3.16	0.000174	0.00252	0.000935	0.00457	0.00254
2029 Jan	0.0401	0.0000241	21.1	28.3	0.541	0.00561	513	0.0281	0.123	0.0000763	0.00115	0.000614	3.15	0.000173	0.00252	0.000935	0.00456	0.00253
2029 Feb	0.0403	0.000024	21	28.2	0.54	0.0056	512	0.0281	0.122	0.000078	0.00115	0.000613	3.14	0.000173	0.00251	0.000937	0.00455	0.00252
2029 Mar	0.0405	0.000024	21	28.2	0.54	0.00559	511	0.028	0.122	0.0000791	0.00115	0.000613	3.14	0.000173	0.00251	0.000939	0.00455	0.00252
2029 Apr	0.0407	0.000024	21	28.2	0.54	0.00559	511	0.028	0.122	0.0000799	0.00115	0.000612	3.14	0.000172	0.00251	0.00094	0.00455	0.00252
2029 May	0.0408	0.000024	21	28.2	0.54	0.00559	511	0.0281	0.123	0.0000807	0.00115	0.000613	3.14	0.000173	0.00251	0.000943	0.00455	0.00252
2029 Jun	0.0406	0.0000194	13	18.8	0.334	0.00358	312	0.0188	0.0898	0.0000906	0.000847	0.000417	1.9	0.000103	0.00157	0.000822	0.00364	0.0015
2029 Jul	0.039	0.0000227	12.4	22.5	0.326	0.00395	314	0.0229	0.0806	0.000108	0.00109	0.000508	1.78	0.0000939	0.0016	0.00106	0.00408	0.00136
2029 Aug	0.0275	0.0000199	12.4	20.7	0.296	0.00432	326	0.0226	0.0657	0.0000773	0.00107	0.000505	1.67	0.0000861	0.00149	0.00094	0.00337	0.00122
2029 Sep	0.0105	0.0000126	9.05	15.8	0.223	0.0032	243	0.017	0.0388	0.000029	0.000743	0.000373	1.26	0.0000651	0.00113	0.00058	0.00201	0.000938
2029 Oct	0.0184	0.000021	5.65	26.4	0.147	0.00415	207	0.0245	0.0243	0.0000226	0.00113	0.00056	0.639	0.0000224	0.001	0.000953	0.00229	0.000297
2029 Nov	0.0315	0.0000226	3.63	26	0.105	0.00366	151	0.0224	0.0328	0.0000226	0.00103	0.000519	0.368	0.00000718	0.000825	0.000936	0.00231	0.0000775
2029 Dec	0.032	0.0000221	3.54	25.1	0.101	0.00355	146	0.0215	0.0338	0.0000225	0.00099	0.000501	0.357	0.00000699	0.000797	0.000908	0.00226	0.0000746
2030 Jan	0.0328	0.000022	3.52	24.9	0.101	0.00351	144	0.0213	0.0341	0.0000265	0.00098	0.000496	0.355	0.00000693	0.000789	0.000908	0.00225	0.0000737
2030 Feb	0.0338	0.0000219	3.52	24.8	0.102	0.00349	143	0.0212	0.0343	0.0000322	0.000975	0.000494	0.354	0.0000069	0.000784	0.000915	0.00225	0.0000732
2030 Mar	0.0344	0.0000218	3.52	24.7	0.102	0.00348	143	0.0211	0.0345	0.0000359	0.000972	0.000492	0.354	0.00000688	0.000782	0.00092	0.00225	0.0000729
2030 Apr	0.0349	0.0000218	3.52	24.7	0.102	0.00347	142	0.0211	0.0346	0.0000385	0.000971	0.000492	0.354	0.00000687	0.00078	0.000924	0.00224	0.0000728
2030 May	0.0353	0.0000219	3.53	24.8	0.103	0.00348	143	0.0212	0.0348	0.0000405	0.000974	0.000493	0.356	0.00000689	0.000783	0.00093	0.00225	0.000073
2030 Jun	0.0601	0.0000294	32.2	36.5	0.917	0.00593	712	0.0334	0.202	0.000176	0.00129	0.000698	5.31	0.000304	0.00397	0.00116	0.00739	0.00454
2030 Jul	0.0286	0.0000194	14.9	20.5	0.348	0.00462	373	0.0224	0.0781	0.000085	0.00106	0.000503	2.03	0.000108	0.00167	0.00091	0.00361	0.00154
2030 Aug	0.0249	0.0000211	21.7	27.1	0.553	0.00556	522	0.0281	0.107	0.0000865	0.00119	0.00061	3.24	0.000179	0.00254	0.000921	0.00446	0.00262
2030 Sep	0.0347	0.0000318	43	48	1.18	0.00888	991	0.0471	0.214	0.000144	0.0018	0.000983	6.89	0.000392	0.00518	0.00128	0.00812	0.00583
2030 Oct	0.0346	0.0000326	40.6	49.3	1.12	0.0087	942	0.0474	0.203	0.000137	0.00182	0.000992	6.53	0.00037	0.005	0.00133	0.00791	0.00551
2030 Nov	0.0347	0.0000311	33.6	45.5	0.933	0.00779	790	0.043	0.172	0.000116	0.00169	0.000911	5.37	0.000302	0.00422	0.00127	0.0069	0.00448
2030 Dec	0.0349	0.0000307	33	44.7	0.916	0.00766	776	0.0422	0.17	0.000114	0.00166	0.000895	5.27	0.000296	0.00415	0.00125	0.00679	0.0044
2031 Jan	0.0353	0.0000306	32.8	44.4	0.91	0.00761	771	0.042	0.169	0.000116	0.00165	0.000889	5.24	0.000294	0.00412	0.00125	0.00675	0.00437
2031 Feb	0.0359	0.0000305	32.7	44.3	0.908	0.00758	768	0.0418	0.168	0.000119	0.00164	0.000887	5.22	0.000293	0.0041	0.00125	0.00673	0.00435
2031 Mar	0.0363	0.0000304	32.7	44.2	0.906	0.00756	766	0.0417	0.168	0.000121	0.00164	0.000885	5.21	0.000292	0.00409	0.00125	0.00672	0.00434
2031 Apr	0.0366	0.0000304	32.6	44.2	0.906	0.00756	766	0.0417	0.168	0.000123	0.00164	0.000885	5.21	0.000292	0.00409	0.00125	0.00672	0.00434
2031 May	0.0401	0.00003	30.8	43	0.858	0.00727	723	0.0403	0.16	0.00016	0.0016	0.000862	4.89	0.000273	0.00387	0.00128	0.00647	0.00406

Appendix D.2-25: FZO02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Jun	0.0895	0.0000205	25.1	27.8	0.789	0.00348	514	0.0223	0.17	0.000636	0.000823	0.000491	4.31	0.000248	0.0031	0.00125	0.00583	0.00373
2031 Jul	0.00589	0.00000526	5.24	8.62	0.165	0.00106	117	0.00713	0.0287	0.0000233	0.000264	0.000148	0.918	0.0000523	0.00074	0.000203	0.00121	0.000792
2031 Aug	0.026	0.0000203	28.7	35.6	0.896	0.00435	614	0.0292	0.161	0.000108	0.000963	0.00058	5.12	0.000298	0.00383	0.000695	0.00594	0.00452
2031 Sep	0.032	0.0000198	23.7	31.1	0.736	0.0039	507	0.0255	0.144	0.0000919	0.000858	0.000514	4.19	0.000243	0.00319	0.000673	0.00518	0.00368
2031 Oct	0.0312	0.0000152	10.5	18.6	0.32	0.00246	228	0.0152	0.0788	0.0000463	0.000565	0.000325	1.77	0.0000992	0.00147	0.000517	0.00284	0.00149
2031 Nov	0.0321	0.0000152	9.78	18	0.297	0.0024	213	0.0147	0.0765	0.0000442	0.000551	0.000317	1.64	0.0000914	0.00138	0.000514	0.00274	0.00137
2031 Dec	0.0323	0.0000151	9.7	17.8	0.295	0.00238	211	0.0145	0.0763	0.000044	0.000546	0.000314	1.63	0.0000906	0.00137	0.000511	0.00272	0.00136
2032 Jan	0.0325	0.0000151	9.68	17.8	0.294	0.00237	210	0.0145	0.0763	0.0000452	0.000544	0.000313	1.62	0.0000903	0.00137	0.000513	0.00272	0.00135
2032 Feb	0.0328	0.0000151	9.66	17.8	0.294	0.00237	210	0.0145	0.0762	0.000047	0.000544	0.000313	1.62	0.0000901	0.00137	0.000516	0.00271	0.00135
2032 Mar	0.033	0.0000151	9.66	17.7	0.294	0.00237	210	0.0145	0.0762	0.0000482	0.000543	0.000313	1.62	0.00009	0.00136	0.000518	0.00271	0.00135
2032 Apr	0.0332	0.0000151	9.66	17.7	0.294	0.00237	210	0.0145	0.0763	0.0000491	0.000543	0.000313	1.62	0.00009	0.00136	0.00052	0.00271	0.00135
2032 May	0.0335	0.0000163	9.73	20.2	0.297	0.00258	254	0.0161	0.0754	0.00005	0.000616	0.000347	1.62	0.0000888	0.0014	0.000585	0.0028	0.00133
2032 Jun	0.044	0.000032	11.8	49	0.371	0.0049	827	0.0354	0.0792	0.000103	0.00155	0.00074	1.83	0.0000896	0.00198	0.00151	0.00473	0.00133
2032 Jul	0.0428	0.0000342	16.4	54.5	0.515	0.00552	927	0.0399	0.099	0.000119	0.00171	0.000828	2.65	0.000138	0.00259	0.00161	0.0056	0.00206
2032 Aug	0.031	0.0000358	13.6	63.4	0.435	0.00616	1120	0.0452	0.0674	0.0000796	0.00191	0.000931	2.11	0.000101	0.00238	0.00173	0.00488	0.00151
2032 Sep	0.0079	0.000012	5.18	22.8	0.166	0.00221	409	0.0162	0.0227	0.0000206	0.000663	0.00033	0.821	0.0000403	0.000893	0.000575	0.00162	0.000606
2032 Oct	0.0164	0.000029	6.3	53	0.21	0.00517	849	0.0378	0.0185	0.0000278	0.00164	0.000791	0.827	0.0000265	0.00144	0.00144	0.00299	0.000385
2032 Nov	0.0294	0.0000491	8.02	90.8	0.27	0.00854	1550	0.0632	0.0194	0.0000384	0.00275	0.00131	0.898	0.0000141	0.00209	0.00247	0.00463	0.000181
2032 Dec	0.0353	0.0000523	7.95	95.2	0.266	0.00895	1640	0.066	0.023	0.0000401	0.00287	0.00137	0.843	0.00000861	0.00212	0.00261	0.00485	0.0000932
2033 Jan	0.0366	0.0000513	7.8	93	0.261	0.00874	1600	0.0644	0.0239	0.0000459	0.0028	0.00134	0.826	0.00000845	0.00207	0.00256	0.00476	0.0000909
2033 Feb	0.0379	0.0000509	7.76	92.3	0.26	0.00867	1590	0.0639	0.0243	0.0000539	0.00278	0.00133	0.821	0.00000839	0.00206	0.00256	0.00473	0.0000901
2033 Mar	0.0387	0.0000507	7.74	91.9	0.26	0.00863	1580	0.0636	0.0245	0.0000584	0.00277	0.00132	0.819	0.00000836	0.00205	0.00256	0.00472	0.0000897
2033 Apr	0.0393	0.0000507	7.74	91.8	0.26	0.00862	1580	0.0635	0.0247	0.0000616	0.00277	0.00132	0.819	0.00000836	0.00204	0.00256	0.00472	0.0000895
2033 May	0.0553	0.00005	7.6	89.9	0.267	0.00831	1540	0.0618	0.0278	0.000249	0.00272	0.0013	0.786	0.00000612	0.00196	0.00272	0.00478	0.0000539
2033 Jun	0.0679	0.0000472	12.8	82.9	0.434	0.00782	1410	0.0579	0.0645	0.000394	0.00253	0.00123	1.79	0.0000703	0.00247	0.00264	0.00563	0.00103
2033 Jul	0.0601	0.0000475	19	86.4	0.62	0.00821	1550	0.0607	0.0953	0.000327	0.00255	0.00126	2.94	0.000141	0.00324	0.00253	0.0065	0.0021
2033 Aug	0.0241	0.0000272	10.1	50.6	0.33	0.00486	889	0.0358	0.0444	0.000109	0.0015	0.00074	1.55	0.0000724	0.00181	0.00139	0.00351	0.00108
2033 Sep	0.0284	0.0000451	14.4	86.4	0.466	0.00812	1590	0.0602	0.0567	0.0000597	0.00252	0.00123	2.14	0.000093	0.00275	0.00223	0.00531	0.00139
2033 Oct	0.0329	0.0000502	9.96	92.4	0.328	0.00872	1600	0.0643	0.033	0.0000462	0.00277	0.00133	1.25	0.0000348	0.00233	0.0025	0.005	0.000495
2033 Nov	0.0337	0.0000497	9.63	91	0.317	0.0086	1570	0.0633	0.033	0.0000453	0.00273	0.00131	1.19	0.0000319	0.00227	0.00247	0.00493	0.000451
2033 Dec	0.0337	0.0000496	9.61	90.8	0.317	0.00858	1570	0.0632	0.033	0.0000452	0.00272	0.00131	1.19	0.0000319	0.00226	0.00246	0.00492	0.000449
2034 Jan	0.0338	0.0000496	9.6	90.7	0.316	0.00857	1570	0.0631	0.0331	0.0000456	0.00272	0.00131	1.19	0.0000318	0.00226	0.00246	0.00492	0.000449
2034 Feb	0.0339	0.0000496	9.6	90.6	0.316	0.00857	1560	0.0631	0.0331	0.0000463	0.00272	0.00131	1.19	0.0000318	0.00226	0.00246	0.00491	0.000448
2034 Mar	0.034	0.0000495	9.59	90.6	0.316	0.00856	1560	0.063	0.0331	0.0000467	0.00272	0.00131	1.18	0.0000318	0.00226	0.00246	0.00491	0.000448
2034 Apr	0.0341	0.0000496	9.6	90.6	0.316	0.00857	1570	0.0631	0.0332	0.000047	0.00272	0.00131	1.19	0.0000318	0.00226	0.00246	0.00492	0.000448
2034 May	0.0376	0.0000486	9.35	88.4	0.31	0.00835	1510	0.0615	0.0337	0.000085	0.00266	0.00128	1.15	0.0000301	0.00219	0.00245	0.00485	0.000422
2034 Jun	0.0651	0.0000442	12.6	77.2	0.422	0.00732	1300	0.0539	0.0669	0.000359	0.00233	0.00114	1.78	0.0000727	0.00237	0.00242	0.00528	0.00107
2034 Jul	0.0574	0.0000492	16.8	89.6	0.55	0.00849	1510	0.0627	0.0811	0.000286	0.00265	0.0013	2.51	0.000113	0.00303	0.00258	0.00618	0.00168
2034 Aug	0.0298	0.0000309	11	57.5	0.358	0.00546	955	0.0403	0.0495	0.000134	0.00169	0.000833	1.67	0.0000761	0.00198	0.00159	0.0039	0.00114
2034 Sep	0.0323	0.0000523	14.6	99.8	0.475	0.00931	1610	0.0692	0.0541	0.0000619	0.00292	0.00141	2.09	0.0000842	0.00294	0.0026	0.00582	0.00125
2034 Oct	0.0362	0.0000571	13.3	107	0.434	0.01	1690	0.0744	0.0459	0.0000587	0.00317	0.00153	1.78	0.0000611	0.00288	0.00285	0.00597	0.000891
2034 Nov	0.0368	0.0000571	12.9	107	0.421	0.00999	1680	0.074	0.0447	0.0000575	0.00316	0.00152	1.7	0.0000567	0.00283	0.00284	0.0059	0.000824
2034 Dec	0.0368	0.0000569	12.8	107	0.42	0.00997	1680	0.0738	0.0447	0.0000574	0.00315	0.00152	1.7	0.0000566	0.00282	0.00284	0.00589	0.000821
2035 Jan	0.0369	0.0000569	12.8	107	0.42	0.00996	1680	0.0738	0.0447	0.0000578	0.00315	0.00152	1.7	0.0000565	0.00282	0.00283	0.00589	0.00082
2035 Feb	0.037	0.0000569	12.8	106	0.42	0.00995	1680	0.0737	0.0447	0.0000584	0.00315	0.00152	1.69	0.0000564	0.00282	0.00283	0.00588	0.00082
2035 Mar	0.037	0.0000569	12.8	106	0.419	0.00995	1670	0.0737	0.0447	0.0000588	0.00315	0.00152	1.69	0.0000564	0.00282	0.00283	0.00588	0.000819
2035 Apr	0.0371	0.0000569	12.8	106	0.42	0.00995	1680	0.0737	0.0448	0.0000591	0.00315	0.00152	1.69	0.0000564	0.00282	0.00284	0.00588	0.000819
2035 May	0.0376	0.000057	12.8	107	0.419	0.00997	1670	0.0739	0.0446	0.0000635	0.00316	0.00152	1.69	0.0000559	0.00282	0.00285	0.00589	0.000811
2035 Jun	0.0541	0.0000437	13.5	75	0.439	0.00717	1150	0.0528	0.0738	0.00022	0.00228	0.0011	1.98	0.0000868	0.00248	0.00226	0.00557	0.00128
2035 Jul	0.0497	0.0000404	16.2	69.8	0.521	0.00678	1090	0.0496	0.0895	0.000199	0.0021	0.00103	2.53	0.000123	0.00274	0.00204	0.00575	0.00184
2035 Aug	0.0281	0.0000368	13	68.3	0.421	0.00655	988	0.0483	0.0565	0.0000887	0.00203	0.000993	1.98	0.0000909	0.00237	0.00182	0.00466	0.00136
2035 Sep	0.0356	0.0000596	15.4	114	0.502	0.0106	1650	0.0789	0.0531	0.0000658	0.00334	0.00161	2.14	0.0000811	0.00321	0.00299	0.00643	0.00119
2035 Oct	0.0351	0.0000624	15.8	120	0.518	0.0111	1720	0.0832	0.051	0.0000672	0.00353	0.0017	2.19	0.0000812	0.00334	0.00314	0.00668	0.0012
2035 Nov	0.0359	0.0000622	14.1	118	0.466	0.011	1650	0.0819	0.0437	0.0000617	0.0035	0.00168	1.88	0.0000627	0.00312	0.00313	0.00642	0.000914
2035 Dec	0.0361	0.0000616	14	117	0.46	0.0109	1630	0.081	0.0438	0.0000612	0.00346	0.00166	1.86	0.0000619	0.00309	0.0031	0.00636	0.000902
2036 Jan	0.0362	0.0000615	14	117	0.459	0.0109	1630	0.0808	0.0438	0.000062	0.00345	0.00166	1.85	0.0000618	0.00308	0.00309	0.00635	0.0009
2036 Feb	0.0365	0.0000614	13.9	117	0.459	0.0108	1620	0.0807	0.0439	0.0000633	0.00345	0.00166	1.85	0.0000617	0.00308	0.00309	0.00634	0.000898
2036 Mar	0.0366	0.0000614	13.9	116	0.459	0.0108	1620	0.0806	0.0439	0.0000641	0.00344	0.00166	1.85	0.0000616	0.00308	0.00309	0.00634	0.000897
2036 Apr	0.0367	0.0000615	13.9	117	0.459	0.0109	1620	0.0808	0.0438	0.0000647	0.00345	0.00166	1.85	0.0000614	0.00308	0.0031	0.00635	0.000894
2036 May	0.0369	0.0000619	14	118	0.46	0.0109	1630	0.0814	0.0435	0.0000653	0.00348	0.00167	1.85	0.000061	0.00309	0.00312	0.00638	0.000887
2036 Jun	0.0404	0.0000532	14.5	97	0.469	0.00913	1310	0.0678	0.0612	0.0000924	0.00291	0.0014	2.05	0.0000827	0.00289	0.00266	0.00619	0.00122
2036 Jul	0.0412	0.0000481	18.1	86.9	0.577	0.0083	1200	0.0613	0.088	0.000109	0.00259	0.00126	2.79	0.000133	0.00318	0.00235	0.00648	0.00198
2036 Aug	0.0251	0.0000344	13.1	63.8	0.42	0.00613	845	0.0452	0.0584	0.0000669	0.00189	0.000926	2.02	0.0000959	0.00233	0.00168	0.00454	0.00144
2036 Sep	0.0247	0.00005	12.3	97.2	0.405	0.009	1210	0.0673	0.0341	0.0000514	0.00287	0.00138	1.68	0.0000601	0.00265	0.00254	0.00527	0.000885
2036 Oct	0.0318	0.0000591	12.7	113	0.422	0.0105	1390	0.0783	0.0344	0.0000555	0.00336	0.00161	1.65	0.000051	0.0029	0.003	0.00598	0.000739
2036 Nov	0.0328	0.0000595	12.2	114	0.407	0.0105	1380	0.0785	0.0328	0.0000542	0.00337	0.00161	1.56	0.0000451	0.00285	0.00302	0.00594	0.000648
2036 Dec	0.0333	0.0000589	12	112	0.396	0.0104	1360	0.0773	0.0328	0.0000533	0.00332	0.00159	1.51	0.0000429	0.00279	0.00298	0.00586	0.000614
2037 Jan	0.0345	0.0000631	12.2	121	0.407	0.0111	1470	0.0831	0.0299	0.0000556	0.00358	0.00171	1.5	0.0000386	0.00292	0.00321	0.00617	0.000547
2037 Feb	0.0347	0.0000632	12.2	121	0.407	0.0111	1470	0.0832	0.0299	0.000057	0.00358	0.00171	1.5	0.0000384	0.00292	0.00322	0.00617	0.000544
2037 Mar	0.0349	0.0000631	12.2	121	0.407	0.0111	1470	0.0832	0.0299	0.0000579	0.00358	0.00171	1.5	0.0000384	0.00292	0.00322	0.00617	0.000544
2037 Apr	0.035	0.0000631	12.2	121	0.407	0.0111	1470	0.0832	0.03	0.0000585	0.00358	0.00171	1.5	0.0000384	0.00292	0.00322	0.00617	0.000544
2037 May	0.0427	0.0000579	11.1	109	0.375	0.0101	1310	0.0751	0.0319	0.0000145	0.00325	0.00156	1.36	0.0000339	0.00264	0.00303	0.00574	0.000476
2037 Jun	0.0454	0.0000413	7.49	74.6	0.256	0.00697	828	0.0518	0.0261	0.000223	0.00228	0.0011	0.857	0.0000179	0.00177	0.00226	0.00428	0.000235
2037 Jul	0.036	0.0000312	5.7	56.5	0.188	0.00527	617	0.0392	0.019	0.0000164	0.00173	0.000839	0.626	0.0000125	0.00132	0.0017	0.00341	0.000154
2037 Aug	0.031	0.0000257	4.79	46.7	0.153	0.00436	505	0.0324	0.0155	0.0000133	0.00143	0.000698	0.509	0.00000996	0.00109	0.0014	0.00294	0.000117
2037 Sep	0.0277	0.0000225	4.25	41	0.132	0.00381	439	0.0283	0.0134	0.0000113	0.00125	0.000614	0.44	0.00000845	0.000945	0.00122	0.00266	0.0000942
2037 Oct	0.0267	0.0000223	4.18	40.9	0.128	0.0038	435	0.0282	0.0126	0.000105	0.00124	0.000612	0.426	0.00000773	0.000934	0.00121	0.00263	0.0000832

Appendix D.2-25: FZO02

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Nov	0.0268	0.0000226	4.21	41.4	0.129	0.00385	440	0.0286	0.0127	0.000105	0.00126	0.000619	0.429	0.0000077	0.000945	0.00122	0.00265	0.0000827
2037 Dec	0.0268	0.0000226	4.22	41.4	0.13	0.00385	440	0.0286	0.0127	0.000105	0.00126	0.00062	0.43	0.00000769	0.000946	0.00122	0.00266	0.0000826
2038 Jan	0.0268	0.0000226	4.22	41.4	0.13	0.00385	440	0.0286	0.0128	0.000105	0.00126	0.00062	0.43	0.00000769	0.000946	0.00122	0.00266	0.0000826
2038 Feb	0.0268	0.0000226	4.22	41.4	0.13	0.00385	440	0.0286	0.0128	0.000105	0.00126	0.000619	0.43	0.00000769	0.000946	0.00122	0.00266	0.0000826
2038 Mar	0.0269	0.0000226	4.22	41.4	0.13	0.00385	440	0.0286	0.0128	0.000105	0.00126	0.000619	0.43	0.00000769	0.000946	0.00122	0.00266	0.0000826
2038 Apr	0.0269	0.0000226	4.22	41.4	0.13	0.00385	440	0.0286	0.0128	0.000105	0.00126	0.00062	0.43	0.00000769	0.000946	0.00123	0.00266	0.0000826
2038 May	0.0281	0.0000226	4.2	41.1	0.13	0.00382	435	0.0284	0.0134	0.000116	0.00125	0.000616	0.428	0.00000762	0.000939	0.00123	0.00265	0.0000815
2038 Jun	0.0328	0.000021	3.9	37.1	0.123	0.00346	381	0.0256	0.0155	0.000164	0.00114	0.000564	0.391	0.00000676	0.000847	0.00119	0.00253	0.0000691
2038 Jul	0.0309	0.0000191	3.61	33.7	0.111	0.00314	345	0.0233	0.0143	0.000152	0.00104	0.000515	0.356	0.00000624	0.000769	0.00108	0.00237	0.0000612
2038 Aug	0.0292	0.0000178	3.41	31.6	0.103	0.00295	320	0.0218	0.0133	0.000139	0.000971	0.000485	0.331	0.0000058	0.000718	0.00101	0.00226	0.0000546
2038 Sep	0.0277	0.000017	3.28	30.3	0.0977	0.00283	303	0.0209	0.0124	0.000128	0.00093	0.000466	0.314	0.00000541	0.000687	0.000962	0.00219	0.0000488
2038 Oct	0.0271	0.0000169	3.25	30.1	0.0961	0.00281	299	0.0208	0.0121	0.000123	0.000922	0.000462	0.309	0.00000522	0.00068	0.000949	0.00218	0.000046
2038 Nov	0.0271	0.000017	3.26	30.3	0.0966	0.00282	301	0.0209	0.0121	0.000123	0.000928	0.000465	0.31	0.00000522	0.000684	0.000954	0.00218	0.0000459
2038 Dec	0.0271	0.000017	3.27	30.3	0.0966	0.00283	301	0.0209	0.0121	0.000123	0.000929	0.000465	0.311	0.00000522	0.000685	0.000955	0.00219	0.0000459
2039 Jan	0.0271	0.000017	3.27	30.3	0.0967	0.00283	301	0.0209	0.0121	0.000123	0.000929	0.000465	0.311	0.00000522	0.000685	0.000955	0.00219	0.0000459
2039 Feb	0.0271	0.000017	3.27	30.3	0.0967	0.00283	301	0.0209	0.0121	0.000123	0.00093	0.000465	0.311	0.00000522	0.000685	0.000955	0.00219	0.0000459
2039 Mar	0.0271	0.000017	3.27	30.3	0.0967	0.00283	301	0.0209	0.0121	0.000123	0.00093	0.000465	0.311	0.00000522	0.000685	0.000955	0.00219	0.0000459
2039 Apr	0.0271	0.000017	3.27	30.3	0.0967	0.00283	301	0.0209	0.0121	0.000123	0.00093	0.000466	0.311	0.00000522	0.000685	0.000956	0.00219	0.0000459
2039 May	0.0272	0.0000171	3.27	30.4	0.0969	0.00283	302	0.021	0.0122	0.000123	0.000932	0.000466	0.311	0.00000523	0.000686	0.000957	0.00219	0.000046
2039 Jun	0.0276	0.0000188	3.43	33.3	0.103	0.00309	318	0.023	0.013	0.000117	0.00102	0.000506	0.326	0.00000489	0.000744	0.00104	0.00235	0.0000405
2039 Jul	0.0272	0.0000183	3.3	32	0.098	0.00298	299	0.0221	0.0131	0.00011	0.00099	0.000488	0.31	0.00000455	0.000716	0.001	0.0023	0.0000357
2039 Aug	0.0267	0.0000179	3.22	31.2	0.0948	0.00291	287	0.0216	0.0129	0.000105	0.000964	0.000476	0.301	0.00000435	0.000696	0.000972	0.00226	0.0000326
2039 Sep	0.0259	0.0000173	3.14	30.2	0.0915	0.00282	277	0.0209	0.0124	0.0001	0.000934	0.000463	0.291	0.00000421	0.000675	0.00094	0.00221	0.0000306
2039 Oct	0.0256	0.0000171	3.12	30	0.0904	0.0028	274	0.0207	0.0122	0.000098	0.000926	0.000459	0.288	0.00000414	0.000668	0.00093	0.00219	0.0000295
2039 Nov	0.0256	0.0000172	3.13	30.1	0.0907	0.00281	275	0.0208	0.0122	0.000098	0.000929	0.00046	0.288	0.00000414	0.00067	0.000933	0.0022	0.0000295
2039 Dec	0.0256	0.0000172	3.13	30.1	0.0907	0.00281	275	0.0208	0.0122	0.000098	0.000929	0.000461	0.289	0.00000414	0.000671	0.000933	0.0022	0.0000295
2040 Jan	0.0256	0.0000172	3.13	30.1	0.0907	0.00281	275	0.0208	0.0122	0.000098	0.000929	0.000461	0.289	0.00000414	0.000671	0.000933	0.0022	0.0000295
2040 Feb	0.0256	0.0000172	3.13	30.1	0.0907	0.00281	275	0.0208	0.0122	0.000098	0.000929	0.000461	0.289	0.00000414	0.000671	0.000933	0.0022	0.0000295
2040 Mar	0.0256	0.0000172	3.13	30.1	0.0908	0.00281	275	0.0208	0.0122	0.0000981	0.00093	0.000461	0.289	0.00000414	0.000671	0.000933	0.0022	0.0000295
2040 Apr	0.0256	0.0000172	3.13	30.1	0.0908	0.00281	275	0.0208	0.0122	0.0000981	0.00093	0.000461	0.289	0.00000414	0.000671	0.000934	0.0022	0.0000295
2040 May	0.0258	0.0000173	3.14	30.2	0.0911	0.00282	276	0.0209	0.0123	0.0000996	0.000932	0.000462	0.289	0.00000414	0.000673	0.000937	0.0022	0.0000295
2040 Jun	0.0275	0.0000167	3.04	28.8	0.0891	0.00269	260	0.0199	0.0133	0.000116	0.000895	0.000444	0.28	0.000004	0.000643	0.000924	0.00216	0.0000276
2040 Jul	0.027	0.0000163	2.99	28.2	0.0867	0.00263	252	0.0195	0.0129	0.000113	0.000874	0.000434	0.272	0.00000391	0.000627	0.000902	0.00213	0.0000261
2040 Aug	0.0265	0.000016	2.95	27.7	0.0849	0.00258	246	0.0192	0.0125	0.000109	0.000859	0.000428	0.267	0.00000383	0.000616	0.000884	0.00211	0.0000248
2040 Sep	0.0259	0.0000158	2.91	27.4	0.0833	0.00255	242	0.0189	0.0121	0.000105	0.000847	0.000422	0.263	0.00000374	0.000607	0.000869	0.00208	0.0000236
2040 Oct	0.0256	0.0000156	2.89	27.1	0.0822	0.00252	238	0.0187	0.012	0.000104	0.000837	0.000417	0.26	0.00000371	0.0006	0.000858	0.00207	0.000023
2040 Nov	0.0256	0.0000156	2.9	27.2	0.0825	0.00253	239	0.0187	0.012	0.000104	0.00084	0.000419	0.26	0.00000371	0.000602	0.000861	0.00207	0.000023
2040 Dec	0.0256	0.0000156	2.9	27.2	0.0825	0.00253	239	0.0188	0.012	0.000104	0.00084	0.000419	0.261	0.00000371	0.000602	0.000861	0.00207	0.000023
2041 Jan	0.0256	0.0000156	2.9	27.2	0.0825	0.00253	239	0.0188	0.012	0.000104	0.00084	0.000419	0.261	0.00000371	0.000603	0.000862	0.00207	0.000023
2041 Feb	0.0256	0.0000156	2.9	27.2	0.0826	0.00253	239	0.0188	0.012	0.000104	0.00084	0.000419	0.261	0.00000371	0.000603	0.000862	0.00207	0.000023
2041 Mar	0.0256	0.0000156	2.9	27.2	0.0826	0.00253	239	0.0188	0.012	0.000104	0.000841	0.000419	0.261	0.00000371	0.000603	0.000862	0.00207	0.000023
2041 Apr	0.0256	0.0000156	2.9	27.2	0.0826	0.00253	239	0.0188	0.012	0.000104	0.000841	0.000419	0.261	0.00000371	0.000603	0.000862	0.00207	0.000023
2041 May	0.0257	0.0000159	2.94	27.8	0.0839	0.00258	243	0.0191	0.012	0.000104	0.000856	0.000427	0.264	0.00000371	0.000614	0.000876	0.00209	0.000023
2041 Jun	0.0258	0.0000159	2.9	27.5	0.0828	0.00255	238	0.0189	0.0124	0.000102	0.00085	0.000422	0.261	0.00000363	0.000607	0.000872	0.0021	0.0000219
2041 Jul	0.0255	0.0000154	2.81	26.4	0.0795	0.00245	226	0.0182	0.0124	0.0000996	0.000819	0.000406	0.251	0.00000353	0.000583	0.000843	0.00205	0.0000206
2041 Aug	0.0252	0.0000151	2.78	26	0.0781	0.00241	222	0.0179	0.0122	0.0000973	0.000806	0.000401	0.247	0.00000349	0.000574	0.000829	0.00203	0.0000198
2041 Sep	0.0248	0.0000149	2.76	25.8	0.0772	0.00239	218	0.0178	0.0119	0.0000948	0.000799	0.000398	0.244	0.00000344	0.000569	0.00082	0.00202	0.000019
2041 Oct	0.0246	0.0000149	2.76	25.8	0.077	0.00239	217	0.0178	0.0117	0.0000937	0.000798	0.000398	0.244	0.00000341	0.000568	0.000818	0.00202	0.0000186
2041 Nov	0.0246	0.000015	2.77	26	0.0773	0.0024	218	0.0179	0.0117	0.0000937	0.000802	0.000399	0.245	0.00000341	0.000571	0.000821	0.00202	0.0000186
2041 Dec	0.0246	0.000015	2.77	26	0.0773	0.00241	218	0.0179	0.0118	0.0000937	0.000803	0.0004	0.245	0.00000341	0.000572	0.000822	0.00202	0.0000186
2042 Jan	0.0246	0.000015	2.77	26	0.0774	0.00241	218	0.0179	0.0118	0.0000937	0.000803	0.0004	0.245	0.00000341	0.000572	0.000822	0.00202	0.0000186
2042 Feb	0.0246	0.000015	2.77	26	0.0774	0.00241	218	0.0179	0.0118	0.0000937	0.000803	0.0004	0.245	0.00000341	0.000572	0.000822	0.00202	0.0000186
2042 Mar	0.0246	0.000015	2.77	26	0.0774	0.00241	218	0.0179	0.0118	0.0000937	0.000803	0.0004	0.245	0.00000341	0.000572	0.000822	0.00202	0.0000186
2042 Apr	0.0246	0.000015	2.77	26	0.0774	0.00241	219	0.0179	0.0118	0.0000938	0.000804	0.0004	0.245	0.00000341	0.000572	0.000823	0.00203	0.0000186
2042 May	0.0247	0.0000151	2.78	26.1	0.0778	0.00242	219	0.018	0.0118	0.0000939	0.000808	0.000402	0.246	0.00000342	0.000575	0.000826	0.00203	0.0000186
2042 Jun	0.0247	0.0000148	2.73	25.5	0.0758	0.00236	213	0.0175	0.0121	0.0000932	0.000789	0.000392	0.24	0.00000337	0.00056	0.00081	0.00201	0.0000181
2042 Jul	0.0245	0.0000145	2.68	24.9	0.0741	0.00231	207	0.0171	0.012	0.0000916	0.000773	0.000384	0.235	0.00000331	0.000548	0.000795	0.00199	0.0000172
2042 Aug	0.0243	0.0000146	2.68	25.1	0.074	0.00232	205	0.0172	0.0119	0.0000892	0.000775	0.000386	0.235	0.00000326	0.00055	0.000794	0.00199	0.0000165
2042 Sep	0.024	0.0000144	2.67	24.9	0.0733	0.0023	202	0.0171	0.0117	0.000087	0.000769	0.000383	0.233	0.00000322	0.000546	0.000786	0.00197	0.0000159
2042 Oct	0.0238	0.0000144	2.67	24.9	0.0731	0.0023	201	0.0171	0.0116	0.0000862	0.000768	0.000383	0.233	0.0000032	0.000545	0.000785	0.00197	0.0000156
2042 Nov	0.0238	0.0000145	2.67	25	0.0734	0.00231	201	0.0172	0.0116	0.0000862	0.000772	0.000384	0.233	0.0000032	0.000547	0.000787	0.00198	0.0000156
2042 Dec	0.0238	0.0000145	2.68	25	0.0734	0.00231	201	0.0172	0.0116	0.0000862	0.000772	0.000385	0.233	0.0000032	0.000548	0.000788	0.00198	0.0000156
2043 Jan	0.0238	0.0000145	2.68	25.1	0.0734	0.00231	201	0.0172	0.0116	0.0000862	0.000772	0.000385	0.233	0.0000032	0.000548	0.000788	0.00198	0.0000156
2043 Feb	0.0238	0.0000145	2.68	25.1	0.0734	0.00231	201	0.0172	0.0116	0.0000862	0.000772	0.000385	0.234	0.0000032	0.000548	0.000788	0.00198	0.0000156
2043 Mar	0.0238	0.0000145	2.68	25.1	0.0735	0.00231	201	0.0172	0.0116	0.0000862	0.000772	0.000385	0.234	0.0000032	0.000548	0.000788	0.00198	0.0000156
2043 Apr	0.0239	0.0000145	2.68	25.1	0.0735	0.00232	202	0.0172	0.0116	0.0000862	0.000773	0.000385	0.234	0.0000032	0.000548	0.000789	0.00198	0.0000156
2043 May	0.024	0.0000145	2.68	25.1	0.0737	0.00232	202	0.0172	0.0117	0.0000869	0.000774	0.000386	0.234	0.00000321	0.000549	0.000791	0.00198	0.0000156
2043 Jun	0.0248	0.0000143	2.64	24.5	0.0728	0.00226	196	0.0168	0.0121	0.0000948	0.000757	0.000377	0.23	0.00000316	0.000536	0.000785	0.00196	0.0000151
2043 Jul	0.0247	0.0000142	2.64	24.4	0.0725	0.00225	194	0.0168	0.0121	0.0000942	0.000754	0.000376	0.229	0.00000315	0.000534	0.000782	0.00196	0.0000148
2043 Aug	0.0248	0.0000145	2.67	24.9	0.0737	0.0023	197	0.0171	0.0121	0.0000944	0.000768	0.000383	0.233	0.00000316	0.000544	0.000794	0.00198	0.0000148
2043 Sep	0.0249	0.0000148	2.72	25.5	0.0753	0.00235	200	0.0175	0.0121	0.0000943	0.000787	0.000392	0.237	0.00000317	0.000557	0.000811	0.00201	0.0000147
2043 Oct	0.025	0.0000015	2.75	26	0.0764	0.0024	202	0.0178	0.0121	0.000094	0.000801	0.000398	0.241	0.00000317	0.000567	0.000823	0.00203	0.0000147
2043 Nov	0.0251	0.0000151	2.76	26.2	0.0767	0.00241	202	0.0179	0.0122	0.0000938	0.000805	0.0004	0.242	0.00000316	0.00057	0.000826	0.00203	0.0000146
2043 Dec	0.0251	0.0000151	2.76	26.2	0.0767	0.00241	202	0.0179	0.0122	0.0000938	0.000805	0.0004	0.242	0.00000316	0.00057	0.000826	0.00203	0.0000146

Appendix D.2-26: FZO03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	0.189	0.000167	0.0000503	0.00000131	0.0479	0.0000262	0.0163	0.00000131	0.00000131	6.54E-09	0.00000772	0.00000366	0.00000902	0.0000948	6.54E-09	0.0752	2.62E-08	0.000000915	0.00000157	0.00000248
Operation (2026-2036): Mean	6530	1.68	5.92	0.129	755	0.197	781	0.000156	0.000156	0.00000268	0.0102	0.0129	0.313	0.0142	0.00000573	86.6	0.0000984	0.00117	0.000765	0.00629
Operation (2026-2036): Max	7770	5.84	19.7	0.357	1110	0.357	930	0.000475	0.000475	0.0000105	0.0112	0.0622	0.491	0.0369	0.0000124	108	0.000111	0.00264	0.000911	0.0073
Active Closure (2037-2043): Min	401	0.0379	0.119	0.00382	23	0.0345	48.1	0.000477	0.000477	0.00000416	0.00346	0.000494	0.0201	0.00827	0.000005	11.6	0.000011	0.00011	0.00013	0.00108
Active Closure (2037-2043): Mean	858	0.365	1.22	0.0239	88.8	0.055	102	0.000913	0.000913	0.00000507	0.00406	0.00196	0.0517	0.0103	0.00000542	18.8	0.0000184	0.000271	0.00018	0.00149
Active Closure (2037-2043): Max	5650	5.33	17.9	0.323	984	0.33	672	0.000963	0.000963	0.00001	0.011	0.0236	0.451	0.0355	0.0000118	100	0.000101	0.00244	0.000678	0.00586
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2043)																				
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0.189	0.000167	0.0000503	0.00000131	0.0479	0.0000262	0.0163	0.00000131	0.00000131	6.54E-09	0.00000772	0.00000366	0.00000902	0.0000948	6.54E-09	0.0752	2.62E-08	0.000000915	0.00000157	0.00000248
2029 Feb	0.461	0.000409	0.000123	0.0000032	0.117	0.000064	0.04	0.0000032	0.0000032	0.000000016	0.0000189	0.00000896	0.0000221	0.000232	0.000000016	0.184	0.000000064	0.00000224	0.00000384	0.00000608
2029 Mar	0.642	0.00057	0.000171	0.00000445	0.163	0.000089	0.0556	0.00000445	0.00000445	2.23E-08	0.0000263	0.0000125	0.0000307	0.000323	2.23E-08	0.256	0.000000089	0.00000312	0.00000534	0.00000846
2029 Apr	0.777	0.00069	0.000208	0.00000539	0.197	0.000108	0.0674	0.00000539	0.00000539	0.000000027	0.0000318	0.0000151	0.0000372	0.000391	0.000000027	0.31	0.000000108	0.00000377	0.00000647	0.0000102
2029 May	21.5	0.00368	0.0116	0.000328	3.06	0.000608	2.54	0.0000061	0.0000061	3.17E-08	0.000065	0.00319	0.000885	0.000455	0.000000042	0.593	0.000000417	0.00000669	0.00000955	0.0000307
2029 Jun	2930	0.415	1.61	0.0458	405	0.0711	351	0.0001	0.0001	0.000000669	0.00483	0.0622	0.121	0.0045	0.00000213	36.6	0.0000441	0.000377	0.000356	0.00281
2029 Jul	7700	1.09	4.24	0.12	1060	0.183	922	0.0000191	0.0000191	0.000000537	0.0109	0.00784	0.315	0.0086	0.0000044	93.5	0.00011	0.000938	0.000903	0.00724
2029 Aug	7720	1.09	4.24	0.121	1070	0.183	924	0.0000168	0.0000168	0.000000526	0.0109	0.00889	0.316	0.0086	0.00000439	93.7	0.00011	0.00094	0.000905	0.00725
2029 Sep	7730	1.09	4.25	0.121	1070	0.183	925	0.0000155	0.0000155	0.00000052	0.0109	0.0104	0.316	0.00862	0.00000439	93.8	0.000111	0.000941	0.000906	0.00726
2029 Oct	7670	1.09	4.22	0.12	1060	0.182	919	0.0000251	0.0000251	0.000000565	0.0109	0.00915	0.314	0.00874	0.00000441	93.3	0.00011	0.000937	0.000901	0.00722
2029 Nov	7390	1.05	4.06	0.115	1020	0.177	885	0.0000609	0.0000609	0.000000728	0.0108	0.00571	0.303	0.00905	0.00000443	90.5	0.000107	0.00091	0.000872	0.00699
2029 Dec	7360	1.05	4.05	0.115	1020	0.177	881	0.0000651	0.0000651	0.000000747	0.0108	0.00569	0.302	0.00908	0.00000443	90.1	0.000106	0.000907	0.000869	0.00697
2030 Jan	7350	1.05	4.04	0.115	1020	0.176	880	0.0000665	0.0000665	0.000000753	0.0108	0.00568	0.301	0.00912	0.00000443	90.1	0.000106	0.000906	0.000869	0.00696
2030 Feb	7340	1.05	4.04	0.115	1020	0.176	879	0.0000671	0.0000671	0.000000756	0.0108	0.00568	0.301	0.00917	0.00000443	90	0.000106	0.000906	0.000869	0.00696
2030 Mar	7340	1.05	4.04	0.115	1010	0.176	879	0.0000676	0.0000676	0.000000759	0.0108	0.00568	0.301	0.0092	0.00000443	90	0.000106	0.000906	0.000869	0.00696
2030 Apr	7340	1.05	4.04	0.115	1020	0.176	879	0.000068	0.000068	0.000000761	0.0108	0.00569	0.301	0.00923	0.00000444	90.1	0.000106	0.000906	0.00087	0.00696
2030 May	7380	1.05	4.06	0.115	1020	0.177	884	0.0000686	0.0000686	0.000000766	0.0109	0.0179	0.303	0.00929	0.00000446	90.6	0.000107	0.000911	0.000875	0.00699
2030 Jun	6790	0.875	3.39	0.0964	853	0.163	812	0.000142	0.000142	0.0000011	0.0106	0.0118	0.279	0.00906	0.00000449	83.7	0.0001	0.000852	0.000809	0.00646
2030 Jul	7530	0.932	3.62	0.103	910	0.179	902	0.0000403	0.0000403	0.000000633	0.0108	0.00816	0.308	0.00863	0.00000441	91.6	0.000108	0.000922	0.000885	0.00709
2030 Aug	7700	0.952	3.7	0.105	930	0.183	922	0.000019	0.000019	0.000000536	0.0109	0.011	0.315	0.0086	0.00000439	93.5	0.00011	0.000938	0.000903	0.00724
2030 Sep	7750	0.959	3.73	0.106	936	0.184	928	0.0000127	0.0000127	0.000000507	0.0109	0.0151	0.317	0.00858	0.00000439	94	0.000111	0.000943	0.000908	0.00728
2030 Oct	7740	0.959	3.72	0.106	935	0.184	927	0.0000169	0.0000169	0.000000528	0.011	0.00944	0.317	0.00867	0.00000441	94.1	0.000111	0.000944	0.000908	0.00728
2030 Nov	7600	0.944	3.65	0.104	918	0.181	910	0.0000369	0.0000369	0.00000062	0.0109	0.00694	0.311	0.00886	0.00000443	92.7	0.000109	0.000931	0.000894	0.00717
2030 Dec	7570	0.94	3.64	0.103	914	0.181	906	0.0000411	0.0000411	0.000000639	0.0109	0.00692	0.31	0.0089	0.00000443	92.3	0.000109	0.000928	0.000891	0.00714
2031 Jan	7560	0.939	3.63	0.103	913	0.18	905	0.0000427	0.0000427	0.000000646	0.0109	0.00691	0.31	0.00894	0.00000443	92.2	0.000109	0.000927	0.00089	0.00713
2031 Feb	7550	0.938	3.63	0.103	912	0.18	904	0.0000435	0.0000435	0.00000065	0.0109	0.00691	0.309	0.009	0.00000443	92.2	0.000109	0.000926	0.000891	0.00713
2031 Mar	7550	0.938	3.63	0.103	912	0.18	904	0.0000441	0.0000441	0.000000653	0.0109	0.00691	0.309	0.00904	0.00000443	92.2	0.000109	0.000926	0.000891	0.00713
2031 Apr	7560	0.94	3.64	0.103	914	0.181	906	0.0000446	0.0000446	0.000000656	0.0109	0.015	0.31	0.00909	0.00000444	92.4	0.000109	0.000929	0.000893	0.00714
2031 May	7580	0.931	3.6	0.102	905	0.181	908	0.0000519	0.0000519	0.000000694	0.011	0.0404	0.311	0.00951	0.00000449	92.9	0.000109	0.000935	0.000902	0.00717

Appendix D.2-26: FZO03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Jun	7000	0.79	3.05	0.0866	767	0.168	838	0.000123	0.000123	0.00000102	0.0106	0.0173	0.287	0.0113	0.00000452	87.8	0.000103	0.000893	0.000873	0.00669
2031 Jul	7310	0.806	3.12	0.0887	785	0.174	875	0.0000779	0.0000779	0.000000808	0.0108	0.0193	0.3	0.00996	0.00000447	90.2	0.000106	0.000912	0.000883	0.00693
2031 Aug	7700	0.834	3.24	0.0921	814	0.183	922	0.0000198	0.0000198	0.00000054	0.0109	0.0101	0.315	0.00872	0.0000044	93.6	0.00011	0.00094	0.000905	0.00724
2031 Sep	7420	0.807	3.12	0.0885	783	0.178	888	0.0000554	0.0000554	0.000000702	0.0108	0.00702	0.304	0.00897	0.00000441	90.7	0.000107	0.000912	0.000875	0.00701
2031 Oct	7000	0.769	2.94	0.0836	740	0.17	838	0.000112	0.000112	0.000000959	0.0107	0.00514	0.288	0.0095	0.00000446	86.6	0.000102	0.000872	0.000833	0.00668
2031 Nov	6870	0.757	2.89	0.0821	726	0.168	823	0.000131	0.000131	0.00000105	0.0107	0.00482	0.282	0.00968	0.00000449	85.3	0.0001	0.00086	0.00082	0.00657
2031 Dec	6840	0.754	2.87	0.0817	723	0.168	819	0.000135	0.000135	0.00000106	0.0107	0.0048	0.281	0.00972	0.00000449	85	0.0000998	0.000857	0.000818	0.00655
2032 Jan	6830	0.753	2.87	0.0816	722	0.167	818	0.000136	0.000136	0.00000107	0.0107	0.0048	0.281	0.00977	0.00000449	84.9	0.0000996	0.000857	0.000817	0.00654
2032 Feb	6820	0.752	2.87	0.0815	721	0.167	817	0.000137	0.000137	0.00000108	0.0107	0.0048	0.281	0.00983	0.00000449	84.8	0.0000996	0.000856	0.000817	0.00654
2032 Mar	6820	0.752	2.86	0.0815	721	0.167	817	0.000138	0.000138	0.00000108	0.0107	0.0048	0.28	0.00987	0.00000449	84.8	0.0000995	0.000856	0.000818	0.00653
2032 Apr	6830	0.753	2.87	0.0816	722	0.167	818	0.000138	0.000138	0.00000108	0.0107	0.0048	0.281	0.00992	0.0000045	85	0.0000996	0.000858	0.000819	0.00654
2032 May	6910	0.759	2.89	0.0822	728	0.169	827	0.000136	0.000136	0.00000108	0.0108	0.027	0.284	0.00998	0.00000453	85.9	0.000101	0.000867	0.000829	0.00661
2032 Jun	6580	0.639	2.47	0.0704	622	0.159	787	0.000169	0.000169	0.00000122	0.0105	0.011	0.271	0.00917	0.00000451	81.4	0.0000976	0.000832	0.000787	0.00628
2032 Jul	7730	0.731	2.84	0.0807	714	0.183	926	0.0000146	0.0000146	0.000000516	0.0109	0.00727	0.316	0.00857	0.00000439	93.8	0.000111	0.000941	0.000906	0.00727
2032 Aug	7440	0.705	2.73	0.0776	687	0.178	890	0.0000537	0.0000537	0.000000695	0.0107	0.00829	0.305	0.00885	0.00000442	90.8	0.000107	0.000913	0.000875	0.00702
2032 Sep	7570	0.717	2.78	0.079	698	0.18	906	0.0000362	0.0000362	0.000000615	0.0108	0.0123	0.31	0.00875	0.0000044	92.2	0.000108	0.000926	0.000889	0.00713
2032 Oct	7680	0.728	2.82	0.0802	709	0.183	920	0.0000256	0.0000256	0.000000568	0.0109	0.0115	0.315	0.00874	0.00000442	93.5	0.00011	0.000939	0.000902	0.00723
2032 Nov	7540	0.717	2.77	0.0787	697	0.18	903	0.0000468	0.0000468	0.000000666	0.0109	0.00973	0.309	0.00895	0.00000444	92.1	0.000108	0.000926	0.000889	0.00712
2032 Dec	7290	0.696	2.68	0.0761	673	0.176	872	0.0000786	0.0000786	0.000000811	0.0108	0.00824	0.299	0.00922	0.00000446	89.5	0.000105	0.0009	0.000862	0.00691
2033 Jan	7240	0.693	2.66	0.0756	669	0.175	867	0.000084	0.000084	0.000000835	0.0108	0.0082	0.297	0.00937	0.00000446	89.1	0.000105	0.000897	0.00086	0.00688
2033 Feb	7230	0.692	2.65	0.0755	668	0.174	865	0.0000861	0.0000861	0.000000845	0.0108	0.00819	0.297	0.00952	0.00000446	89.1	0.000105	0.000897	0.000861	0.00687
2033 Mar	7230	0.692	2.65	0.0754	667	0.174	865	0.0000874	0.0000874	0.000000851	0.0108	0.00819	0.296	0.00961	0.00000447	89.1	0.000105	0.000897	0.000862	0.00687
2033 Apr	7250	0.694	2.66	0.0757	670	0.175	868	0.0000886	0.0000886	0.000000858	0.0108	0.00822	0.297	0.0097	0.00000449	89.4	0.000105	0.000901	0.000866	0.00689
2033 May	6780	0.633	2.41	0.0686	608	0.164	811	0.000155	0.000155	0.00000116	0.0106	0.0221	0.278	0.0125	0.00000455	86.3	0.0000996	0.000879	0.000865	0.00653
2033 Jun	7140	0.603	2.33	0.0661	585	0.171	855	0.000105	0.000105	0.000000932	0.0107	0.011	0.293	0.0109	0.00000451	89.1	0.000104	0.000904	0.000881	0.0068
2033 Jul	7670	0.636	2.47	0.0701	620	0.182	918	0.0000299	0.0000299	0.000000589	0.0109	0.0107	0.314	0.00895	0.00000443	93.5	0.00011	0.00094	0.000906	0.00722
2033 Aug	7770	0.642	2.49	0.0709	627	0.184	930	0.0000117	0.0000117	0.000000504	0.0109	0.0133	0.318	0.00862	0.00000439	94.3	0.000111	0.000946	0.000911	0.0073
2033 Sep	7410	0.618	2.38	0.0676	598	0.177	887	0.0000547	0.0000547	0.000000698	0.0108	0.00717	0.304	0.00896	0.00000441	90.6	0.000107	0.000911	0.000874	0.00701
2033 Oct	6920	0.585	2.22	0.0632	560	0.169	829	0.000119	0.000119	0.000000993	0.0107	0.00386	0.284	0.00954	0.00000446	85.7	0.000101	0.000864	0.000825	0.00661
2033 Nov	6810	0.577	2.18	0.0622	550	0.167	815	0.000136	0.000136	0.00000107	0.0107	0.00374	0.28	0.00969	0.00000447	84.5	0.0000993	0.000853	0.000813	0.00652
2033 Dec	6800	0.576	2.18	0.0621	549	0.167	814	0.000137	0.000137	0.00000107	0.0107	0.00373	0.279	0.00971	0.00000448	84.4	0.0000991	0.000852	0.000812	0.00651
2034 Jan	6790	0.576	2.18	0.062	549	0.166	813	0.000138	0.000138	0.00000108	0.0107	0.00373	0.279	0.00973	0.00000448	84.4	0.0000991	0.000852	0.000812	0.0065
2034 Feb	6790	0.576	2.18	0.062	549	0.166	813	0.000138	0.000138	0.00000108	0.0107	0.00373	0.279	0.00975	0.00000448	84.4	0.0000991	0.000852	0.000812	0.0065
2034 Mar	6790	0.576	2.18	0.062	549	0.166	813	0.000138	0.000138	0.00000108	0.0107	0.00373	0.279	0.00977	0.00000448	84.4	0.0000991	0.000852	0.000813	0.0065
2034 Apr	6800	0.577	2.18	0.0621	550	0.167	814	0.000139	0.000139	0.00000108	0.0107	0.00374	0.279	0.0098	0.00000448	84.5	0.0000992	0.000853	0.000814	0.00651
2034 May	6770	0.569	2.15	0.0612	542	0.166	811	0.000149	0.000149	0.00000113	0.0107	0.0193	0.278	0.0105	0.00000452	84.7	0.0000991	0.000857	0.000823	0.0065
2034 Jun	7150	0.536	2.06	0.0586	519	0.171	856	0.0000948	0.0000948	0.000000883	0.0107	0.00923	0.293	0.0108	0.00000446	89.1	0.000104	0.000902	0.000879	0.00681
2034 Jul	7310	0.528	2.05	0.0583	515	0.175	875	0.0000699	0.0000699	0.000000768	0.0106	0.00944	0.299	0.00887	0.00000443	89.3	0.000105	0.000895	0.000862	0.00692
2034 Aug	7480	0.541	2.1	0.0597	528	0.179	896	0.000047	0.000047	0.000000664	0.0107	0.0143	0.306	0.00875	0.00000441	91.2	0.000107	0.000914	0.00088	0.00706
2034 Sep	7170	0.527	2.01	0.0572	506	0.173	858	0.0000868	0.0000868	0.000000845	0.0107	0.00736	0.294	0.00924	0.00000443	88.2	0.000104	0.000888	0.00085	0.00681
2034 Oct	6690	0.499	1.88	0.0534	473	0.165	801	0.000153	0.000153	0.00000115	0.0106	0.00411	0.275	0.00987	0.0000045	83.4	0.0000978	0.000842	0.000802	0.00642
2034 Nov	6550	0.492	1.84	0.0523	463	0.162	784	0.000174	0.000174	0.00000124	0.0106	0.00395	0.27	0.0101	0.00000452	82	0.0000962	0.000829	0.000788	0.00631
2034 Dec	6530	0.491	1.83	0.0522	462	0.162	782	0.000176	0.000176	0.00000126	0.0106	0.00394	0.269	0.0101	0.00000452	81.8	0.0000959	0.000828	0.000786	0.0063
2035 Jan	6520	0.49	1.83	0.0521	462	0.162	781	0.000177	0.000177	0.00000126	0.0106	0.00393	0.269	0.0101	0.00000452	81.8	0.0000958	0.000827	0.000786	0.00629
2035 Feb	6520	0.49	1.83	0.0521	461	0.162	780	0.000178	0.000178	0.00000126	0.0106	0.00393	0.268	0.0102	0.00000452	81.7	0.0000958	0.000827	0.000786	0.00629
2035 Mar	6520	0.49	1.83	0.0521	461	0.162	780	0.000178	0.000178	0.00000127	0.0106	0.00393	0.268	0.0102	0.00000452	81.7	0.0000957	0.000827	0.000787	0.00629
2035 Apr	6530	0.491	1.83	0.0522	462	0.162	782	0.000179	0.000179	0.00000127	0.0106	0.00394	0.269	0.0103	0.00000454	82	0.000096	0.000829	0.000789	0.0063
2035 May	6570	0.929	3.3	0.0773	519	0.179	785	0.000203	0.000203	0.00000204	0.0108	0.0204	0.29	0.0126	0.00000523	84.9	0.000098	0.000985	0.000788	0.00636
2035 Jun	5760	4.95	16.7	0.304	972	0.315	685	0.000449	0.000449	0.00000929	0.0109	0.0262	0.437	0.0335	0.0000112	99	0.000102	0.00231	0.000648	0.00591
2035 Jul	6170	5.82	19.6	0.355	1110	0.356	733	0.000432	0.000432	0.0000105	0.0112	0.0311	0.49	0.0369	0.0000124	108	0.000109	0.00263	0.000664	0.0063
2035 Aug	6170	5.84	19.7	0.357	1110	0.357	733	0.000424	0.000424	0.0000105	0.0111	0.0275	0.491	0.0369	0.0000124	108	0.000109	0.00264	0.000663	0.0063
2035 Sep	5920	5.61	18.9	0.342	1060	0.344	703	0.000449	0.000449	0.0000103	0.011	0.0263	0.472	0.0361	0.0000121	104	0.000105	0.00254	0.000641	0.00608
2035 Oct	6070	5.76	19.4	0.351	1090	0.352	722	0.000435	0.000435	0.0000104	0.0111	0.0259	0.484	0.0366	0.0000123	106	0.000107	0.0026	0.000655	0.00622
2035 Nov	5980	5.68	19.1	0.346	1080	0.347	711	0.000443	0.000443	0.0000103	0.0111	0.0249	0.477	0.0363	0.0000122	105	0.000106	0.00257	0.000647	0.00614
2035 Dec	5960	5.65	19	0.345	1070	0.346	708	0.000445	0.000445	0.0000103	0.0111	0.0247	0.475	0.0363	0.0000121	104	0.000106	0.00256	0.000645	0.00611
2036 Jan	5950	5.64	19	0.344	1070	0.346	707	0.000446	0.000446	0.0000103	0.0111	0.0247	0.474	0.0363	0.0000121	104	0.000106	0.00256	0.000644	0.00611
2036 Feb	5950	5.64	19	0.344	1070	0.345	707	0.000446	0.000446	0.0000103	0.0111	0.0247	0.474	0.0363	0.0000121	104	0.000105	0.00255	0.000645	0.00611
2036 Mar	5940	5.64	19	0.344	1070	0.345	706	0.000446	0.000446	0.0000103	0.0111	0.0247	0.474	0.0363	0.0000121	104	0.000105	0.00255	0.000645	0.00611
2036 Apr	5960	5.65	19	0.345	1070	0.346	708	0.000447	0.000447	0.0000103	0.0111	0.0295	0.475	0.0364	0.0000122	105	0.000106	0.00256	0.000647	0.00612
2036 May	6020	5.71	19.2	0.348	1080	0.35	715	0.00045	0.00045	0.0000104	0.0112	0.0422	0.48	0.0367	0.0000123	106	0.000107	0.00259	0.000653	0.00618
2036 Jun	5840	5.51	18.6	0.335	1020	0.339	694	0.000464	0.000464	0.0000102	0.011	0.0288	0.466	0.0357	0.0000121	103	0.000104	0.00251	0.000634	0.006
2036 Jul	6060	5.71	19.2	0.347	1050	0.351	720	0.000439	0.000439	0.0000104	0.0111	0.0287	0.483	0.0365	0.0000123	106	0.000107	0.0026	0.000653	0.0062
2036 Aug	6130	5.77	19.4	0.35	1070	0.355	728	0.000428	0.000428	0.0000104	0.0111	0.0318	0.488	0.0367	0.0000123	107	0.000108	0.00262	0.000659	0.00626
2036 Sep	6150	5.79	19.5	0.352	1070	0.356	731	0.000425	0.000425	0.0000105	0.0111	0.0276	0.49	0.0368	0.0000124	107	0.000109	0.00263	0.000661	0.00628
2036 Oct	5680	5.35	18	0.325	989	0.332	675	0.000474	0.000474	0.0000101	0.011	0.0244	0.453	0.0354	0.0000118	100	0.000101	0.00245	0.000621	0.00588
2036 Nov	5740	5.41	18.2	0.328	998	0.335	681	0.000469	0.000469	0.0000101	0.011	0.0241	0.457	0.0356	0.0000119	101	0.000102	0.00247	0.000626	0.00593
2036 Dec	5670	5.35	18	0.324	987	0.331	674	0.000475	0.000475	0.0000101	0.011	0.0237	0.452	0.0354	0.0000118	100	0.000101	0.00244	0.00062	0.00587
2037 Jan	5650	5.33	17.9	0.323	984	0.33	672	0.000477	0.000477	0.00001	0.011	0.0236	0.451	0.0354	0.0000118	100	0.000101	0.00244	0.00062	0.00585
2037 Feb	5650	5.32	17.9	0.323	983	0.33	671	0.000477	0.000477	0.00001	0.011	0.0236	0.45	0.0354	0.0000118	99.9	0.000101	0.00243	0.00062	0.00585
2037 Mar	5640	5.32	17.9	0.323	982	0.33	670	0.000478	0.000478	0.00001	0.011	0.0236	0.45	0.0355	0.0000118	100	0.000101	0.00243	0.000621	0.00585
2037 Apr	5650	5.33	17.9	0.323	983	0.33	671	0.000479	0.000479	0.00001	0.011	0.0236	0.451	0.0355	0.0000118	100	0.000101	0.00244	0.000622	0.00586
2037 May	5120	3.7	12.4	0.227	731	0.257	609	0.00049	0.00049	0.00000771	0.0103	0.0169	0.359	0.0324	0.00000954	88.8	0.0000902	0.00188	0.000678	0.00537
2037 Jun	2860	0.662	2.24	0.0461	211	0.101	342	0.000656	0.000656	0.00000416	0.00693	0.00386	0.141	0.0172	0.00000547	46.8	0.0000498	0.00065	0.000481	0.00328
2037 Jul	1410	0.286	0.97	0.0208	101	0.0613	169	0.000837	0.000837	0.00000456	0.00471	0.00183	0.0689	0.0114	0.00000521	25.6	0.0000267	0.000352	0.000258	0.00201
2037 Aug	882	0.166	0.557	0.0125	63.7	0.0476	106	0.000904	0.000904	0.00000473	0.00396	0.00116	0.0435	0.00971	0.00000514	18.2	0.0000183	0.000233	0.000188	0.00152
2037 Sep	678	0.121	0.402	0.00934	49.5	0.0424	81.2	0.000929	0.000929	0.00000479	0.00373	0.000907	0.0341	0.00916	0.0000051	15.5	0.000015	0.000174	0.000167	0.00133
2037 Oct	642	0.108	0.356	0.00847	46.3	0.0413	77	0.00093	0.00093	0.00000478	0.00369	0.000837	0.0322	0.009	0.00000507	14.9	0.0000145	0.000158	0.000163	0.00129

Appendix D.2-26: FZO03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Nov	649	0.108	0.357	0.0085	46.6	0.0414	77.7	0.000929	0.000929	0.00000478	0.0037	0.00084	0.0325	0.00901	0.00000507	15	0.0000146	0.000159	0.000163	0.0013
2037 Dec	649	0.108	0.357	0.0085	46.6	0.0414	77.7	0.000929	0.000929	0.00000478	0.00371	0.00084	0.0325	0.00901	0.00000507	15	0.0000146	0.000159	0.000163	0.0013
2038 Jan	649	0.108	0.357	0.0085	46.6	0.0415	77.7	0.000929	0.000929	0.00000478	0.00371	0.00084	0.0325	0.00901	0.00000507	15	0.0000146	0.000159	0.000163	0.0013
2038 Feb	649	0.108	0.357	0.0085	46.6	0.0415	77.7	0.000929	0.000929	0.00000478	0.00371	0.00084	0.0325	0.00901	0.00000507	15	0.0000146	0.000159	0.000163	0.0013
2038 Mar	649	0.108	0.357	0.0085	46.6	0.0415	77.7	0.000929	0.000929	0.00000478	0.00371	0.00084	0.0325	0.00901	0.00000508	15	0.0000146	0.000159	0.000163	0.0013
2038 Apr	649	0.108	0.358	0.0085	46.6	0.0415	77.8	0.000929	0.000929	0.00000478	0.00371	0.000841	0.0325	0.00901	0.00000508	15	0.0000146	0.000159	0.000164	0.0013
2038 May	665	0.109	0.36	0.00859	47.3	0.0418	79.7	0.000929	0.000929	0.00000478	0.00374	0.000852	0.0331	0.00913	0.00000508	15.3	0.0000148	0.000162	0.000167	0.00132
2038 Jun	758	0.108	0.358	0.00876	49.8	0.0431	90.8	0.000912	0.000912	0.00000469	0.00388	0.000892	0.0366	0.00963	0.00000504	16.7	0.0000164	0.00018	0.000185	0.0014
2038 Jul	676	0.0951	0.314	0.00781	44.8	0.0413	80.9	0.000929	0.000929	0.00000476	0.00375	0.000812	0.0328	0.00934	0.00000507	15.5	0.0000151	0.000172	0.00017	0.00134
2038 Aug	604	0.0823	0.271	0.0069	40.2	0.0397	72.4	0.000941	0.000941	0.0000048	0.00365	0.000736	0.0295	0.00909	0.00000508	14.5	0.000014	0.000158	0.00016	0.00127
2038 Sep	560	0.0736	0.24	0.00628	37.2	0.0386	67.1	0.000945	0.000945	0.00000481	0.0036	0.000682	0.0275	0.00892	0.00000507	13.9	0.0000132	0.000142	0.000155	0.00123
2038 Oct	545	0.0703	0.228	0.00604	36.1	0.0383	65.3	0.000945	0.000945	0.00000481	0.00359	0.000661	0.0268	0.00886	0.00000506	13.7	0.000013	0.000136	0.000153	0.00121
2038 Nov	546	0.0704	0.229	0.00605	36.1	0.0383	65.5	0.000945	0.000945	0.00000481	0.00359	0.000662	0.0269	0.00887	0.00000506	13.7	0.000013	0.000136	0.000153	0.00121
2038 Dec	546	0.0704	0.229	0.00605	36.1	0.0383	65.5	0.000945	0.000945	0.00000481	0.00359	0.000662	0.0269	0.00887	0.00000506	13.7	0.000013	0.000136	0.000153	0.00121
2039 Jan	546	0.0704	0.229	0.00605	36.1	0.0383	65.5	0.000945	0.000945	0.00000481	0.00359	0.000662	0.0269	0.00887	0.00000506	13.7	0.000013	0.000136	0.000153	0.00121
2039 Feb	546	0.0704	0.229	0.00605	36.1	0.0383	65.5	0.000945	0.000945	0.00000481	0.00359	0.000662	0.0269	0.00887	0.00000506	13.7	0.000013	0.000136	0.000153	0.00121
2039 Mar	546	0.0704	0.229	0.00605	36.1	0.0383	65.5	0.000945	0.000945	0.00000481	0.00359	0.000662	0.0269	0.00887	0.00000506	13.7	0.000013	0.000136	0.000153	0.00121
2039 Apr	546	0.0704	0.229	0.00605	36.1	0.0383	65.5	0.000946	0.000946	0.00000481	0.00359	0.000662	0.0269	0.00887	0.00000506	13.7	0.000013	0.000137	0.000153	0.00121
2039 May	548	0.0706	0.229	0.00606	36.2	0.0384	65.7	0.000947	0.000947	0.00000481	0.0036	0.000664	0.027	0.00889	0.00000507	13.8	0.0000131	0.000137	0.000154	0.00122
2039 Jun	588	0.0709	0.232	0.00619	37	0.0389	70.4	0.000937	0.000937	0.00000476	0.00367	0.000678	0.0285	0.00884	0.00000504	14.2	0.0000138	0.000143	0.000157	0.00125
2039 Jul	611	0.0684	0.225	0.00613	36.8	0.0392	73.2	0.00093	0.00093	0.00000472	0.00369	0.000676	0.0293	0.00872	0.00000501	14.3	0.0000141	0.000148	0.000156	0.00126
2039 Aug	581	0.0635	0.209	0.00578	34.9	0.0385	69.6	0.000935	0.000935	0.00000474	0.00364	0.000648	0.0279	0.00863	0.00000502	13.9	0.0000136	0.000143	0.000152	0.00124
2039 Sep	544	0.0592	0.194	0.00544	33	0.0378	65.3	0.000941	0.000941	0.00000477	0.0036	0.000617	0.0264	0.00857	0.00000502	13.4	0.000013	0.000133	0.000148	0.0012
2039 Oct	531	0.0575	0.187	0.00529	32.2	0.0374	63.6	0.000942	0.000942	0.00000477	0.00358	0.000604	0.0258	0.00854	0.00000502	13.3	0.0000128	0.000129	0.000147	0.00119
2039 Nov	531	0.0575	0.187	0.00529	32.2	0.0375	63.7	0.000942	0.000942	0.00000477	0.00358	0.000604	0.0258	0.00854	0.00000502	13.3	0.0000128	0.000129	0.000147	0.00119
2039 Dec	531	0.0575	0.187	0.0053	32.2	0.0375	63.7	0.000942	0.000942	0.00000477	0.00358	0.000604	0.0258	0.00854	0.00000502	13.3	0.0000128	0.000129	0.000147	0.00119
2040 Jan	531	0.0575	0.187	0.0053	32.2	0.0375	63.7	0.000942	0.000942	0.00000477	0.00358	0.000604	0.0258	0.00854	0.00000502	13.3	0.0000128	0.000129	0.000147	0.00119
2040 Feb	531	0.0575	0.187	0.0053	32.2	0.0375	63.7	0.000942	0.000942	0.00000477	0.00358	0.000604	0.0258	0.00854	0.00000502	13.3	0.0000128	0.000129	0.000147	0.00119
2040 Mar	531	0.0575	0.187	0.0053	32.2	0.0375	63.7	0.000942	0.000942	0.00000477	0.00358	0.000604	0.0258	0.00854	0.00000502	13.3	0.0000128	0.000129	0.000147	0.00119
2040 Apr	531	0.0575	0.187	0.0053	32.2	0.0375	63.7	0.000943	0.000943	0.00000477	0.00358	0.000604	0.0258	0.00855	0.00000502	13.3	0.0000128	0.000129	0.000147	0.00119
2040 May	533	0.0577	0.188	0.00531	32.3	0.0375	64	0.000943	0.000943	0.00000478	0.00359	0.000606	0.0259	0.00857	0.00000503	13.3	0.0000129	0.00013	0.000148	0.0012
2040 Jun	561	0.0585	0.191	0.00543	32.8	0.0379	67.3	0.000936	0.000936	0.00000474	0.00364	0.000621	0.027	0.00865	0.00000501	13.7	0.0000133	0.000135	0.000152	0.00122
2040 Jul	549	0.0564	0.184	0.00528	32	0.0377	65.8	0.00094	0.00094	0.00000476	0.00361	0.000609	0.0264	0.00859	0.00000502	13.5	0.0000132	0.000136	0.000149	0.00121
2040 Aug	525	0.0535	0.174	0.00506	30.7	0.0372	62.9	0.000945	0.000945	0.00000478	0.00358	0.00059	0.0254	0.00854	0.00000503	13.2	0.0000128	0.000132	0.000145	0.00119
2040 Sep	503	0.051	0.165	0.00485	29.5	0.0367	60.3	0.000948	0.000948	0.00000479	0.00355	0.000572	0.0245	0.0085	0.00000503	12.9	0.0000124	0.000125	0.000144	0.00117
2040 Oct	491	0.0497	0.161	0.00475	29	0.0365	58.8	0.000949	0.000949	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116
2040 Nov	491	0.0497	0.161	0.00475	29	0.0365	58.9	0.00095	0.00095	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116
2040 Dec	491	0.0497	0.161	0.00475	29	0.0365	58.9	0.00095	0.00095	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116
2041 Jan	491	0.0497	0.161	0.00475	29	0.0365	58.9	0.00095	0.00095	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116
2041 Feb	491	0.0497	0.161	0.00475	29	0.0365	58.9	0.00095	0.00095	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116
2041 Mar	491	0.0497	0.161	0.00475	29	0.0365	58.9	0.00095	0.00095	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116
2041 Apr	491	0.0497	0.161	0.00475	29	0.0365	58.9	0.00095	0.00095	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116
2041 May	492	0.0498	0.161	0.00476	29	0.0365	59	0.000951	0.000951	0.0000048	0.00354	0.000563	0.024	0.00849	0.00000503	12.8	0.0000123	0.000122	0.000143	0.00116
2041 Jun	501	0.0499	0.162	0.00479	29	0.0366	60.1	0.000947	0.000947	0.00000478	0.00356	0.000567	0.0244	0.00847	0.00000502	12.9	0.0000125	0.000125	0.000143	0.00117
2041 Jul	505	0.049	0.159	0.00475	28.6	0.0365	60.6	0.000942	0.000942	0.00000476	0.00356	0.000566	0.0245	0.00841	0.000005	12.9	0.0000126	0.000127	0.000142	0.00117
2041 Aug	485	0.047	0.152	0.00459	27.6	0.0362	58.2	0.000949	0.000949	0.00000479	0.00354	0.000552	0.0236	0.00839	0.00000502	12.6	0.0000122	0.000124	0.000139	0.00115
2041 Sep	467	0.0452	0.146	0.00443	26.8	0.0358	56	0.000952	0.000952	0.0000048	0.00352	0.000538	0.0229	0.00837	0.00000502	12.4	0.000012	0.000119	0.000138	0.00113
2041 Oct	458	0.0444	0.143	0.00436	26.4	0.0356	55	0.000952	0.000952	0.00000481	0.00351	0.000531	0.0225	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113
2041 Nov	459	0.0445	0.143	0.00436	26.4	0.0356	55	0.000953	0.000953	0.00000481	0.00351	0.000532	0.0225	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113
2041 Dec	459	0.0445	0.143	0.00436	26.4	0.0357	55	0.000953	0.000953	0.00000481	0.00351	0.000532	0.0225	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113
2042 Jan	459	0.0445	0.143	0.00436	26.4	0.0357	55	0.000953	0.000953	0.00000481	0.00351	0.000532	0.0225	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113
2042 Feb	459	0.0445	0.143	0.00436	26.4	0.0357	55	0.000953	0.000953	0.00000481	0.00351	0.000532	0.0225	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113
2042 Mar	459	0.0445	0.143	0.00436	26.4	0.0357	55	0.000953	0.000953	0.00000481	0.00351	0.000532	0.0225	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113
2042 Apr	459	0.0445	0.143	0.00437	26.4	0.0357	55	0.000953	0.000953	0.00000481	0.00351	0.000532	0.0226	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113
2042 May	460	0.0446	0.143	0.00438	26.5	0.0357	55.2	0.000955	0.000955	0.00000482	0.00352	0.000533	0.0226	0.00838	0.00000503	12.3	0.0000119	0.000117	0.000138	0.00113
2042 Jun	463	0.0445	0.143	0.00438	26.4	0.0357	55.5	0.000952	0.000952	0.00000481	0.00353	0.000535	0.0227	0.00837	0.00000502	12.4	0.0000119	0.000118	0.000138	0.00113
2042 Jul	457	0.0435	0.14	0.00431	25.8	0.0355	54.8	0.000952	0.000952	0.0000048	0.00351	0.00053	0.0224	0.00833	0.00000501	12.3	0.0000119	0.000119	0.000136	0.00113
2042 Aug	444	0.0421	0.135	0.00419	25.1	0.0353	53.3	0.000952	0.000952	0.0000048	0.00349	0.000522	0.0219	0.0083	0.00000501	12.1	0.0000116	0.000117	0.000134	0.00111
2042 Sep	431	0.0408	0.13	0.00408	24.5	0.035	51.7	0.000953	0.000953	0.0000048	0.00348	0.000512	0.0213	0.00828	0.000005	11.9	0.0000114	0.000113	0.000133	0.0011
2042 Oct	424	0.0403	0.128	0.00402	24.2	0.0348	50.9	0.000953	0.000953	0.0000048	0.00347	0.000507	0.0211	0.00827	0.000005	11.8	0.0000113	0.000112	0.000132	0.00109
2042 Nov	424	0.0403	0.128	0.00403	24.2	0.0348	50.9	0.000953	0.000953	0.0000048	0.00347	0.000507	0.0211	0.00828	0.000005	11.9	0.0000113	0.000112	0.000132	0.00109
2042 Dec	424	0.0403	0.128	0.00403	24.2	0.0348	50.9	0.000953	0.000953	0.0000048	0.00347	0.000507	0.0211	0.00828	0.000005	11.9	0.0000113	0.000112	0.000132	0.00109
2043 Jan	424	0.0403	0.128	0.00403	24.2	0.0348	50.9	0.000953	0.000953	0.0000048	0.00347	0.000507	0.0211	0.00828	0.000005	11.9	0.0000113	0.000112	0.000132	0.00109
2043 Feb	424	0.0403	0.128	0.00403	24.2	0.0348	50.9	0.000953	0.000953	0.0000048	0.00347	0.000507	0.0211	0.00828	0.000005	11.9	0.0000113	0.000112	0.000132	0.00109
2043 Mar	424	0.0403	0.128	0.00403	24.2	0.0348	50.9	0.000953	0.000953	0.00000481	0.00347	0.000507	0.0211	0.00828	0.000005	11.9	0.0000113	0.000112	0.000132	0.00109
2043 Apr	424	0.0403	0.128	0.00403	24.2	0.0348	50.9	0.000954	0.000954	0.00000481	0.00347	0.000507	0.0211	0.00828	0.000005	11.9	0.0000113	0.000112	0.000132	0.0011
2043 May	425	0.0404	0.128	0.00403	24.3	0.0349	51	0.000955	0.000955	0.00000481	0.00348	0.000508	0.0211	0.0083	0.00000501	11.9	0.0000113	0.000112	0.000133	0.0011
2043 Jun	427	0.0404	0.128	0.00403	24.1	0.0348	51.2	0.000952	0.000952	0.0000048	0.00348	0.000511	0.0212	0.00833	0.000005	11.9	0.0000114	0.000113	0.000133	0.0011
2043 Jul	419	0.0396	0.125	0.00397	23.8	0.0348	50.2	0.000957	0.000957	0.00000482	0.00348	0.000506	0.0208	0.00833	0.00000502	11.8	0.0000113	0.000114	0.000132	0.00109
2043 Aug	407	0.0385	0.121	0.00388	23.3	0.0346	48.8	0.000962	0.000962	0.00000485	0.00346	0.000499	0.0203	0.00833	0.00000503	11.7	0.0000111	0.000112	0.000131	0.00109
2043 Sep	401	0.0379	0.119	0.00382	23	0.0345	48.1	0.000963	0.000963	0.00000485	0.00346	0.000494	0.0201	0.00833	0.00000504	11.6	0.000011	0.00011	0.00013	0.00108
2043 Oct	402	0.038	0.119	0.00383	23	0.0345	48.2	0.000962	0.000962	0.00000485	0.00347	0.000495	0.0201	0.00833	0.00000503	11.6	0.000011	0.000111	0.00013	0.00108
2043 Nov	402	0.0381	0.119	0.00383	23	0.0345	48.2	0.000962	0.000962	0.00000485	0.00347	0.000496	0.0201	0.00833	0.00000503	11.6	0.000011	0.000111	0.00013	0.00108
2043 Dec	402	0.0381	0.119	0.00383	23	0.0345	48.2	0.000962	0.000962	0.00000485	0.00347	0.000496	0.0201	0.00833	0.00000503	11.6	0.000011	0.000111	0.00013	0.00108

Appendix D.2-26: FZO03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.000248	1.31E-08	0.00437	0.0106	0.000268	0.000000386	0.0164	0.0000034	0.0000915	0.00000125	0.000000301	0.00000017	0.000407	2.62E-09	0.000000131	0.00000275	0.00000203	0.000168
Operation (2026-2036): Mean	0.0209	0.0000365	10.3	43.8	0.244	0.00786	283	0.0466	0.0247	0.0000396	0.00216	0.00104	1.05	0.0000321	0.00174	0.0018	0.00378	0.0019
Operation (2026-2036): Max	0.0305	0.0000438	31.7	50.8	0.487	0.0127	628	0.0564	0.0999	0.000119	0.00252	0.00121	3.26	0.000161	0.00259	0.00219	0.00475	0.00207
Active Closure (2037-2043): Min	0.0159	0.00000334	1.19	3.55	0.0154	0.000472	9.11	0.00319	0.00749	0.0000499	0.00015	0.0000985	0.066	0.00000229	0.000106	0.000192	0.00103	0.00000381
Active Closure (2037-2043): Mean	0.0176	0.00000563	2.98	6.79	0.0464	0.00129	45	0.00626	0.0131	0.0000617	0.000311	0.000174	0.254	0.0000111	0.000276	0.000309	0.00129	0.000118
Active Closure (2037-2043): Max	0.0388	0.0000281	29.1	41.7	0.447	0.0116	566	0.0372	0.0968	0.000223	0.00204	0.000983	2.99	0.000148	0.00238	0.00146	0.00444	0.0019
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2043)																		
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0.000248	1.31E-08	0.00437	0.0106	0.000268	0.000000386	0.0164	0.0000034	0.0000915	0.00000125	0.000000301	0.00000017	0.000407	2.62E-09	0.000000131	0.00000275	0.00000203	0
2029 Feb	0.000608	0.000000032	0.0107	0.0258	0.000656	0.000000944	0.0401	0.00000832	0.000224	0.00000306	0.000000736	0.000000416	0.000995	6.4E-09	0.00000032	0.00000672	0.00000496	0
2029 Mar	0.000846	4.45E-08	0.0149	0.036	0.000913	0.00000131	0.0559	0.0000116	0.000312	0.00000426	0.00000102	0.000000579	0.00138	8.9E-09	0.000000445	0.00000935	0.0000069	0
2029 Apr	0.00102	5.39E-08	0.018	0.0436	0.0011	0.00000159	0.0676	0.000014	0.000377	0.00000515	0.00000124	0.000000701	0.00168	1.08E-08	0.000000539	0.0000113	0.00000835	0
2029 May	0.00118	0.000000177	0.0359	0.183	0.0018	0.0000226	0.928	0.000165	0.000429	0.0000059	0.00000808	0.00000401	0.00347	1.65E-08	0.00000538	0.0000183	0.0000202	0
2029 Jun	0.0117	0.0000175	2.36	19.3	0.0839	0.00297	122	0.0214	0.00541	0.0000241	0.000972	0.000462	0.235	0.000000807	0.000684	0.000879	0.00173	0
2029 Jul	0.0194	0.0000435	5.99	50.4	0.215	0.00779	319	0.0559	0.00301	0.0000301	0.0025	0.0012	0.605	0.00000163	0.00179	0.00217	0.00403	0
2029 Aug	0.0192	0.0000436	6	50.5	0.216	0.0078	320	0.056	0.00288	0.0000289	0.0025	0.00121	0.606	0.00000163	0.00179	0.00217	0.00403	0
2029 Sep	0.0192	0.0000436	6	50.6	0.216	0.00782	320	0.0561	0.00297	0.0000285	0.00251	0.00121	0.607	0.00000163	0.00179	0.00218	0.00403	0
2029 Oct	0.0196	0.0000434	5.97	50.3	0.215	0.00777	318	0.0557	0.00357	0.0000285	0.00249	0.0012	0.603	0.00000164	0.00178	0.00216	0.00402	0
2029 Nov	0.0206	0.0000422	5.79	48.5	0.207	0.0075	306	0.0537	0.00556	0.0000281	0.0024	0.00116	0.584	0.00000165	0.00172	0.00209	0.00391	0
2029 Dec	0.0207	0.000042	5.77	48.3	0.206	0.00747	305	0.0535	0.00579	0.0000281	0.00239	0.00115	0.581	0.00000165	0.00171	0.00208	0.0039	0
2030 Jan	0.0209	0.000042	5.77	48.2	0.206	0.00746	305	0.0534	0.00587	0.0000285	0.00238	0.00115	0.581	0.00000165	0.00171	0.00208	0.00389	0
2030 Feb	0.021	0.000042	5.77	48.2	0.206	0.00746	304	0.0534	0.00592	0.0000292	0.00238	0.00115	0.581	0.00000165	0.00171	0.00208	0.00389	0
2030 Mar	0.0211	0.000042	5.77	48.2	0.206	0.00746	304	0.0534	0.00595	0.0000297	0.00238	0.00115	0.581	0.00000166	0.00171	0.00208	0.00389	0
2030 Apr	0.0211	0.000042	5.77	48.2	0.206	0.00746	304	0.0534	0.00598	0.00003	0.00238	0.00115	0.581	0.00000166	0.00171	0.00208	0.00389	0
2030 May	0.0213	0.0000422	5.8	48.4	0.207	0.0075	306	0.0537	0.00602	0.0000304	0.00239	0.00116	0.584	0.00000167	0.00172	0.00209	0.00391	0
2030 Jun	0.0224	0.0000396	5.38	44.6	0.192	0.00688	256	0.0494	0.00849	0.0000385	0.00223	0.00106	0.539	0.00000169	0.00158	0.00197	0.00381	0
2030 Jul	0.0198	0.0000428	5.87	49.3	0.211	0.00762	273	0.0547	0.00392	0.0000316	0.00245	0.00118	0.592	0.00000164	0.00175	0.00213	0.00399	0
2030 Aug	0.0193	0.0000435	5.98	50.4	0.215	0.00779	279	0.0559	0.00299	0.0000294	0.0025	0.0012	0.605	0.00000163	0.00179	0.00217	0.00403	0
2030 Sep	0.0192	0.0000437	6.02	50.7	0.217	0.00784	281	0.0563	0.00275	0.0000289	0.00251	0.00121	0.608	0.00000163	0.0018	0.00218	0.00404	0
2030 Oct	0.0194	0.0000437	6.02	50.7	0.216	0.00784	280	0.0562	0.0031	0.0000287	0.00251	0.00121	0.608	0.00000164	0.0018	0.00218	0.00405	0
2030 Nov	0.02	0.0000431	5.93	49.8	0.213	0.0077	275	0.0552	0.00422	0.0000285	0.00246	0.00119	0.598	0.00000165	0.00177	0.00214	0.00399	0
2030 Dec	0.0201	0.000043	5.91	49.6	0.212	0.00767	274	0.055	0.00446	0.0000284	0.00245	0.00118	0.596	0.00000165	0.00176	0.00214	0.00398	0
2031 Jan	0.0202	0.0000429	5.9	49.5	0.212	0.00766	274	0.0549	0.00455	0.000029	0.00245	0.00118	0.596	0.00000165	0.00176	0.00213	0.00398	0
2031 Feb	0.0204	0.0000429	5.9	49.5	0.212	0.00765	273	0.0549	0.00461	0.0000298	0.00245	0.00118	0.595	0.00000165	0.00175	0.00213	0.00397	0
2031 Mar	0.0205	0.0000429	5.9	49.5	0.212	0.00765	273	0.0548	0.00465	0.0000303	0.00245	0.00118	0.595	0.00000165	0.00175	0.00213	0.00397	0
2031 Apr	0.0206	0.000043	5.92	49.6	0.212	0.00767	274	0.055	0.00469	0.0000308	0.00245	0.00118	0.597	0.00000166	0.00176	0.00214	0.00398	0
2031 May	0.0218	0.0000432	5.95	49.7	0.214	0.00769	271	0.0551	0.00511	0.0000415	0.00246	0.00119	0.6	0.00000167	0.00176	0.00216	0.00401	0

Appendix D.2-26: FZO03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Jun	0.0276	0.0000406	5.62	46.2	0.204	0.00709	230	0.051	0.00857	0.000102	0.00229	0.0011	0.565	0.0000017	0.00163	0.00209	0.00387	0
2031 Jul	0.0236	0.0000419	5.78	48	0.209	0.0074	235	0.0532	0.00607	0.0000656	0.00239	0.00115	0.582	0.00000167	0.0017	0.00212	0.00394	0
2031 Aug	0.0196	0.0000435	5.99	50.4	0.216	0.00779	244	0.0559	0.00308	0.0000327	0.0025	0.0012	0.605	0.00000163	0.00179	0.00217	0.00403	0
2031 Sep	0.0204	0.0000422	5.81	48.6	0.208	0.00752	235	0.0539	0.00518	0.0000283	0.0024	0.00116	0.585	0.00000165	0.00172	0.0021	0.00392	0
2031 Oct	0.0221	0.0000405	5.55	46	0.197	0.00714	222	0.0509	0.00838	0.0000276	0.00227	0.0011	0.557	0.00000167	0.00163	0.00199	0.00376	0
2031 Nov	0.0227	0.0000399	5.47	45.2	0.193	0.00702	218	0.05	0.00943	0.0000275	0.00223	0.00108	0.548	0.00000168	0.0016	0.00196	0.00371	0
2031 Dec	0.0228	0.0000398	5.45	45	0.192	0.00699	217	0.0498	0.00965	0.0000275	0.00222	0.00107	0.546	0.00000169	0.0016	0.00195	0.0037	0
2032 Jan	0.0229	0.0000397	5.44	44.9	0.192	0.00698	217	0.0497	0.00974	0.0000281	0.00222	0.00107	0.545	0.00000169	0.00159	0.00195	0.0037	0
2032 Feb	0.0231	0.0000397	5.44	44.9	0.192	0.00697	216	0.0496	0.0098	0.000029	0.00221	0.00107	0.545	0.00000169	0.00159	0.00195	0.0037	0
2032 Mar	0.0232	0.0000397	5.44	44.9	0.192	0.00697	216	0.0496	0.00984	0.0000296	0.00221	0.00107	0.545	0.00000169	0.00159	0.00195	0.0037	0
2032 Apr	0.0233	0.0000398	5.45	44.9	0.192	0.00698	216	0.0497	0.00988	0.0000301	0.00222	0.00107	0.546	0.00000169	0.00159	0.00195	0.0037	0
2032 May	0.0234	0.0000402	5.51	45.4	0.195	0.00705	218	0.0503	0.0098	0.0000306	0.00224	0.00108	0.552	0.0000017	0.00161	0.00197	0.00374	0
2032 Jun	0.023	0.0000387	5.25	43.2	0.186	0.00667	187	0.0479	0.0097	0.0000403	0.00217	0.00103	0.524	0.0000017	0.00153	0.00193	0.00375	0
2032 Jul	0.0193	0.0000436	6	50.6	0.216	0.00782	214	0.0562	0.00282	0.0000297	0.00251	0.00121	0.607	0.00000163	0.00179	0.00218	0.00404	0
2032 Aug	0.0198	0.0000424	5.82	48.7	0.208	0.00754	206	0.054	0.00437	0.0000283	0.00241	0.00116	0.586	0.00000165	0.00173	0.00209	0.00392	0
2032 Sep	0.0196	0.0000429	5.9	49.6	0.212	0.00766	209	0.055	0.00378	0.0000282	0.00245	0.00118	0.595	0.00000164	0.00176	0.00213	0.00397	0
2032 Oct	0.0195	0.0000435	5.98	50.3	0.215	0.00778	213	0.0558	0.00344	0.0000285	0.00249	0.0012	0.604	0.00000164	0.00178	0.00216	0.00402	0
2032 Nov	0.0202	0.0000429	5.9	49.5	0.211	0.00765	209	0.0548	0.00466	0.0000284	0.00245	0.00118	0.595	0.00000166	0.00175	0.00213	0.00397	0
2032 Dec	0.0211	0.0000417	5.73	47.8	0.204	0.00741	202	0.053	0.00645	0.000028	0.00236	0.00114	0.577	0.00000167	0.0017	0.00206	0.00387	0
2033 Jan	0.0215	0.0000416	5.71	47.6	0.203	0.00737	201	0.0527	0.00677	0.0000297	0.00235	0.00113	0.574	0.00000167	0.00169	0.00206	0.00386	0
2033 Feb	0.0219	0.0000415	5.7	47.5	0.203	0.00735	200	0.0525	0.00692	0.0000318	0.00235	0.00113	0.574	0.00000167	0.00168	0.00206	0.00385	0
2033 Mar	0.0222	0.0000415	5.71	47.5	0.204	0.00735	200	0.0525	0.00701	0.0000331	0.00234	0.00113	0.574	0.00000167	0.00168	0.00206	0.00385	0
2033 Apr	0.0224	0.0000416	5.73	47.6	0.204	0.00737	201	0.0527	0.00709	0.000034	0.00235	0.00114	0.576	0.00000168	0.00169	0.00207	0.00387	0
2033 May	0.0305	0.0000396	5.52	44.9	0.201	0.00689	182	0.0494	0.0108	0.000119	0.00222	0.00107	0.553	0.00000171	0.00158	0.00204	0.00376	0
2033 Jun	0.0264	0.0000412	5.7	47.1	0.207	0.00723	176	0.052	0.0076	0.0000911	0.00234	0.00112	0.573	0.00000169	0.00166	0.00211	0.0039	0
2033 Jul	0.0204	0.0000434	5.98	50.3	0.216	0.00776	186	0.0557	0.00362	0.000039	0.00249	0.0012	0.604	0.00000165	0.00178	0.00218	0.00404	0
2033 Aug	0.0193	0.0000438	6.03	50.8	0.217	0.00785	188	0.0564	0.00272	0.0000308	0.00252	0.00121	0.61	0.00000163	0.0018	0.00219	0.00405	0
2033 Sep	0.0204	0.0000422	5.8	48.6	0.207	0.00752	179	0.0538	0.00519	0.0000281	0.0024	0.00116	0.585	0.00000164	0.00172	0.00209	0.00391	0
2033 Oct	0.0222	0.0000401	5.5	45.5	0.194	0.00706	168	0.0504	0.00879	0.0000275	0.00225	0.00109	0.551	0.00000167	0.00161	0.00197	0.00373	0
2033 Nov	0.0227	0.0000396	5.42	44.8	0.191	0.00695	165	0.0495	0.00969	0.0000274	0.00221	0.00107	0.543	0.00000168	0.00159	0.00194	0.00369	0
2033 Dec	0.0228	0.0000396	5.42	44.7	0.191	0.00694	165	0.0494	0.00978	0.0000274	0.0022	0.00107	0.542	0.00000168	0.00159	0.00194	0.00368	0
2034 Jan	0.0228	0.0000395	5.41	44.7	0.191	0.00694	165	0.0494	0.00981	0.0000276	0.0022	0.00106	0.542	0.00000168	0.00159	0.00194	0.00368	0
2034 Feb	0.0229	0.0000395	5.41	44.6	0.191	0.00694	165	0.0494	0.00984	0.000028	0.0022	0.00106	0.542	0.00000168	0.00158	0.00194	0.00368	0
2034 Mar	0.0229	0.0000395	5.41	44.6	0.191	0.00693	165	0.0494	0.00985	0.0000282	0.0022	0.00106	0.542	0.00000168	0.00158	0.00194	0.00368	0
2034 Apr	0.023	0.0000396	5.42	44.7	0.191	0.00695	165	0.0495	0.00988	0.0000285	0.00221	0.00107	0.543	0.00000168	0.00159	0.00194	0.00369	0
2034 May	0.0249	0.0000395	5.43	44.6	0.193	0.00691	163	0.0493	0.0105	0.0000486	0.0022	0.00106	0.544	0.0000017	0.00158	0.00196	0.0037	0
2034 Jun	0.0256	0.0000412	5.7	47.1	0.207	0.00725	156	0.052	0.00732	0.0000836	0.00233	0.00113	0.573	0.00000167	0.00166	0.0021	0.00387	0
2034 Jul	0.0209	0.0000418	5.72	47.9	0.205	0.0074	155	0.0531	0.00519	0.000034	0.00237	0.00114	0.576	0.00000165	0.0017	0.00206	0.00388	0
2034 Aug	0.0202	0.0000425	5.84	49	0.209	0.00757	158	0.0544	0.0042	0.0000319	0.00243	0.00117	0.589	0.00000164	0.00174	0.00211	0.00395	0
2034 Sep	0.0213	0.0000412	5.65	47.1	0.201	0.00729	152	0.0521	0.00694	0.000028	0.00233	0.00112	0.568	0.00000166	0.00167	0.00203	0.00382	0
2034 Oct	0.0233	0.0000391	5.35	44	0.188	0.00684	142	0.0487	0.0107	0.0000273	0.00217	0.00105	0.535	0.00000169	0.00156	0.00191	0.00364	0
2034 Nov	0.0239	0.0000385	5.27	43.1	0.184	0.00671	139	0.0477	0.0118	0.0000272	0.00212	0.00103	0.526	0.0000017	0.00153	0.00187	0.00359	0
2034 Dec	0.024	0.0000385	5.25	43	0.184	0.0067	139	0.0475	0.012	0.0000271	0.00212	0.00103	0.524	0.0000017	0.00153	0.00187	0.00359	0
2035 Jan	0.0241	0.0000384	5.25	43	0.184	0.00669	138	0.0475	0.012	0.0000276	0.00212	0.00102	0.524	0.0000017	0.00153	0.00187	0.00358	0
2035 Feb	0.0242	0.0000384	5.25	42.9	0.184	0.00668	138	0.0474	0.0121	0.0000283	0.00211	0.00102	0.524	0.0000017	0.00153	0.00187	0.00358	0
2035 Mar	0.0243	0.0000384	5.25	42.9	0.184	0.00668	138	0.0474	0.0121	0.0000288	0.00211	0.00102	0.524	0.0000017	0.00152	0.00187	0.00358	0
2035 Apr	0.0244	0.0000385	5.26	43	0.184	0.0067	139	0.0475	0.0122	0.0000292	0.00212	0.00103	0.525	0.00000171	0.00153	0.00187	0.00359	0
2035 May	0.0247	0.0000382	7.45	43.7	0.211	0.00724	180	0.0474	0.0195	0.0000353	0.00215	0.00104	0.752	0.0000147	0.00163	0.00186	0.00372	0.000168
2035 Jun	0.0254	0.0000291	27.1	42.1	0.428	0.0112	540	0.0384	0.0887	0.0000899	0.00208	0.000995	2.79	0.000136	0.00231	0.00141	0.00446	0.00174
2035 Jul	0.0221	0.0000298	31.5	45.4	0.486	0.0126	626	0.0405	0.0999	0.0000707	0.00223	0.00107	3.25	0.000161	0.00258	0.00141	0.00475	0.00207
2035 Aug	0.0216	0.0000297	31.7	45.4	0.487	0.0127	628	0.0405	0.0998	0.0000681	0.00223	0.00107	3.26	0.000161	0.00259	0.0014	0.00474	0.00207
2035 Sep	0.0227	0.0000289	30.4	43.6	0.467	0.0122	603	0.0389	0.0982	0.000066	0.00213	0.00103	3.13	0.000155	0.00249	0.00135	0.00459	0.00199
2035 Oct	0.0222	0.0000294	31.2	44.7	0.479	0.0125	619	0.0399	0.0995	0.0000673	0.00219	0.00105	3.21	0.000159	0.00255	0.00139	0.00468	0.00204
2035 Nov	0.0225	0.0000291	30.8	44.1	0.472	0.0123	610	0.0393	0.0988	0.0000666	0.00216	0.00104	3.17	0.000157	0.00251	0.00137	0.00463	0.00201
2035 Dec	0.0226	0.000029	30.6	43.9	0.47	0.0122	607	0.0392	0.0986	0.0000664	0.00215	0.00103	3.15	0.000156	0.0025	0.00136	0.00461	0.002
2036 Jan	0.0227	0.000029	30.6	43.9	0.47	0.0122	606	0.0391	0.0986	0.0000667	0.00215	0.00103	3.15	0.000156	0.0025	0.00136	0.00461	0.002
2036 Feb	0.0228	0.000029	30.6	43.8	0.47	0.0122	606	0.0391	0.0986	0.0000672	0.00215	0.00103	3.15	0.000156	0.0025	0.00136	0.00461	0.002
2036 Mar	0.0229	0.000029	30.6	43.8	0.47	0.0122	606	0.0391	0.0986	0.0000676	0.00214	0.00103	3.15	0.000156	0.0025	0.00136	0.00461	0.002
2036 Apr	0.0229	0.0000291	30.6	43.9	0.471	0.0122	607	0.0392	0.0988	0.0000679	0.00215	0.00103	3.16	0.000156	0.0025	0.00137	0.00462	0.00201
2036 May	0.0231	0.0000293	30.9	44.4	0.476	0.0124	613	0.0396	0.0997	0.0000687	0.00217	0.00105	3.19	0.000158	0.00253	0.00138	0.00466	0.00203
2036 Jun	0.0232	0.0000287	30	43	0.462	0.012	587	0.0384	0.0976	0.0000718	0.00212	0.00102	3.09	0.000153	0.00245	0.00136	0.00461	0.00197
2036 Jul	0.0223	0.0000294	31.1	44.6	0.478	0.0124	607	0.0398	0.0991	0.0000699	0.00219	0.00105	3.21	0.000159	0.00255	0.00138	0.00469	0.00204
2036 Aug	0.0218	0.0000296	31.5	45.1	0.484	0.0126	614	0.0403	0.0995	0.0000688	0.00221	0.00106	3.24	0.00016	0.00257	0.0014	0.00471	0.00206
2036 Sep	0.0217	0.0000296	31.6	45.3	0.485	0.0126	616	0.0404	0.0998	0.0000679	0.00222	0.00107	3.25	0.000161	0.00258	0.0014	0.00472	0.00207
2036 Oct	0.0239	0.0000282	29.2	41.9	0.449	0.0117	569	0.0374	0.0969	0.0000642	0.00205	0.000988	3.01	0.000149	0.00239	0.00131	0.00445	0.00191
2036 Nov	0.0237	0.0000284	29.5	42.3	0.453	0.0118	574	0.0377	0.0973	0.0000647	0.00207	0.000997	3.04	0.00015	0.00241	0.00132	0.00448	0.00193
2036 Dec	0.0239	0.0000281	29.2	41.9	0.448	0.0117	568	0.0373	0.0968	0.0000641	0.00205	0.000986	3	0.000148	0.00239	0.00131	0.00444	0.00191
2037 Jan	0.0241	0.0000281	29.1	41.7	0.447	0.0116	566	0.0372	0.0967	0.000065	0.00204	0.000983	2.99	0.000148	0.00238	0.00131	0.00443	0.0019
2037 Feb	0.0244	0.0000281	29.1	41.7	0.446	0.0116	565	0.0372	0.0966	0.0000662	0.00204	0.000982	2.99	0.000148	0.00238	0.00131	0.00443	0.0019
2037 Mar	0.0245	0.0000281	29.1	41.7	0.446	0.0116	565	0.0371	0.0967	0.000067	0.00204	0.000982	2.99	0.000148	0.00238	0.00131	0.00443	0.0019
2037 Apr	0.0247	0.0000281	29.1	41.7	0.447	0.0116	566	0.0372	0.0968	0.0000676	0.00204	0.000983	2.99	0.000148	0.00238	0.00131	0.00444	0.0019
2037 May	0.0388	0.0000278	21.1	37.4	0.357	0.00921	403	0.0347	0.0755	0.000208	0.00183	0.000887	2.16	0.000101	0.00192	0.00146	0.00397	0.00129
2037 Jun	0.0379	0.0000184	5.36	20.3	0.131	0.00351	90.5	0.0208	0.0255	0.000223	0.00101	0.000494	0.518	0.0000161	0.000785	0.00108	0.00239	0.000186
2037 Jul	0.0249	0.00000944	2.83	10.4	0.0615	0.00171	42.5	0.0105	0.0139	0.000122	0.0005	0.000261	0.245	0.00000779	0.000383	0.000551	0.00157	0.0000759
2037 Aug	0.0199	0.00000609	2	6.81	0.0377	0.00107	26.6	0.00666	0.00995	0.0000826	0.000315	0.000176	0.155	0.0000052	0.00024	0.000357	0.00127	0.0000419
2037 Sep	0.0176	0.00000476	1.71	5.44	0.0286	0.000826	20.6	0.00516	0.00851	0.0000656	0.000243	0.000143	0.122	0.00000424	0.000184	0.00028	0.00116	0.0000293
2037 Oct	0.0169	0.00000454	1.64	5.2	0.0265	0.00078	19.1	0.00489	0.0083	0.0000619	0.00023	0.000137	0.114	0.0000039	0.000174	0.000264	0.00113	0.0000249

Appendix D.2-26: FZO03

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Nov	0.017	0.00000459	1.64	5.24	0.0266	0.000787	19.1	0.00494	0.00835	0.0000618	0.000232	0.000138	0.114	0.0000039	0.000175	0.000265	0.00113	0.0000249
2037 Dec	0.017	0.00000459	1.64	5.24	0.0266	0.000787	19.1	0.00494	0.00835	0.0000618	0.000232	0.000138	0.114	0.0000039	0.000175	0.000265	0.00113	0.0000249
2038 Jan	0.017	0.00000459	1.64	5.24	0.0266	0.000787	19.1	0.00494	0.00835	0.0000618	0.000232	0.000138	0.114	0.0000039	0.000175	0.000265	0.00113	0.0000249
2038 Feb	0.017	0.00000459	1.64	5.24	0.0266	0.000787	19.1	0.00494	0.00835	0.0000618	0.000232	0.000138	0.114	0.0000039	0.000175	0.000265	0.00113	0.0000249
2038 Mar	0.017	0.00000459	1.64	5.24	0.0266	0.000787	19.1	0.00494	0.00835	0.0000618	0.000232	0.000138	0.114	0.0000039	0.000175	0.000265	0.00113	0.0000249
2038 Apr	0.017	0.00000459	1.64	5.24	0.0267	0.000787	19.2	0.00494	0.00836	0.0000619	0.000232	0.000138	0.114	0.0000039	0.000175	0.000266	0.00113	0.0000249
2038 May	0.0173	0.0000047	1.66	5.36	0.0274	0.000803	19.3	0.00506	0.00851	0.0000647	0.000238	0.000141	0.116	0.0000039	0.000179	0.000274	0.00114	0.0000248
2038 Jun	0.0192	0.00000539	1.7	5.99	0.0314	0.000889	19.7	0.00576	0.00926	0.0000807	0.000271	0.000156	0.122	0.00000369	0.0002	0.000322	0.0012	0.0000223
2038 Jul	0.0187	0.00000488	1.6	5.43	0.028	0.000795	17.8	0.00518	0.0087	0.000077	0.000243	0.000143	0.11	0.00000347	0.000179	0.000294	0.00116	0.0000193
2038 Aug	0.0179	0.00000442	1.5	4.95	0.0249	0.000714	16	0.00466	0.00814	0.0000698	0.000218	0.000132	0.0996	0.00000324	0.00016	0.000265	0.00112	0.0000161
2038 Sep	0.0172	0.00000411	1.44	4.65	0.0227	0.000662	14.8	0.00433	0.00781	0.0000635	0.000202	0.000124	0.0929	0.00000306	0.000148	0.000245	0.00109	0.0000137
2038 Oct	0.0169	0.00000402	1.42	4.55	0.0219	0.000645	14.3	0.00421	0.00774	0.0000619	0.000196	0.000122	0.0904	0.00000298	0.000144	0.000238	0.00108	0.0000127
2038 Nov	0.0169	0.00000403	1.42	4.56	0.022	0.000647	14.3	0.00422	0.00775	0.0000619	0.000197	0.000122	0.0905	0.00000298	0.000145	0.000239	0.00108	0.0000127
2038 Dec	0.0169	0.00000403	1.42	4.56	0.022	0.000647	14.3	0.00422	0.00775	0.0000619	0.000197	0.000122	0.0905	0.00000298	0.000145	0.000239	0.00108	0.0000127
2039 Jan	0.0169	0.00000403	1.42	4.56	0.022	0.000647	14.3	0.00422	0.00775	0.0000619	0.000197	0.000122	0.0905	0.00000298	0.000145	0.000239	0.00108	0.0000127
2039 Feb	0.0169	0.00000403	1.42	4.56	0.022	0.000647	14.3	0.00422	0.00775	0.0000619	0.000197	0.000122	0.0905	0.00000298	0.000145	0.000239	0.00108	0.0000127
2039 Mar	0.0169	0.00000403	1.42	4.56	0.022	0.000647	14.3	0.00422	0.00776	0.0000619	0.000197	0.000122	0.0905	0.00000298	0.000145	0.000239	0.00108	0.0000127
2039 Apr	0.0169	0.00000403	1.42	4.56	0.022	0.000647	14.3	0.00423	0.00776	0.0000619	0.000197	0.000122	0.0905	0.00000298	0.000145	0.000239	0.00108	0.0000128
2039 May	0.0169	0.00000404	1.43	4.57	0.022	0.000649	14.3	0.00424	0.00778	0.0000621	0.000197	0.000122	0.0907	0.00000298	0.000145	0.00024	0.00108	0.0000128
2039 Jun	0.0172	0.00000435	1.44	4.82	0.0231	0.000686	14.5	0.00453	0.00808	0.0000623	0.000212	0.000128	0.0926	0.00000292	0.000154	0.000255	0.00111	0.0000121
2039 Jul	0.0173	0.00000456	1.42	4.95	0.0234	0.000705	14.2	0.00471	0.00822	0.0000613	0.000221	0.000131	0.092	0.00000281	0.000159	0.000262	0.00112	0.0000108
2039 Aug	0.017	0.00000437	1.39	4.74	0.0221	0.000671	13.4	0.00449	0.00802	0.0000586	0.00021	0.000127	0.0879	0.00000273	0.000151	0.000249	0.00111	0.00000966
2039 Sep	0.0166	0.00000412	1.35	4.51	0.0207	0.000632	12.8	0.00422	0.00778	0.0000558	0.000197	0.000121	0.084	0.00000267	0.000142	0.000235	0.00109	0.0000088
2039 Oct	0.0164	0.00000402	1.34	4.42	0.0202	0.000617	12.5	0.00412	0.00771	0.0000552	0.000192	0.000119	0.0825	0.00000263	0.000139	0.00023	0.00108	0.0000084
2039 Nov	0.0164	0.00000402	1.34	4.42	0.0202	0.000617	12.5	0.00412	0.00771	0.0000552	0.000193	0.000119	0.0825	0.00000263	0.000139	0.00023	0.00108	0.0000084
2039 Dec	0.0164	0.00000402	1.34	4.42	0.0202	0.000617	12.5	0.00412	0.00772	0.0000552	0.000193	0.000119	0.0825	0.00000263	0.000139	0.00023	0.00108	0.0000084
2040 Jan	0.0164	0.00000402	1.34	4.42	0.0202	0.000617	12.5	0.00412	0.00772	0.0000552	0.000193	0.000119	0.0825	0.00000263	0.000139	0.00023	0.00108	0.0000084
2040 Feb	0.0164	0.00000402	1.34	4.42	0.0202	0.000617	12.5	0.00412	0.00772	0.0000552	0.000193	0.000119	0.0825	0.00000263	0.000139	0.00023	0.00108	0.0000084
2040 Mar	0.0164	0.00000402	1.34	4.42	0.0202	0.000617	12.5	0.00412	0.00772	0.0000552	0.000193	0.000119	0.0825	0.00000263	0.000139	0.00023	0.00108	0.0000084
2040 Apr	0.0164	0.00000402	1.34	4.42	0.0202	0.000618	12.5	0.00412	0.00772	0.0000552	0.000193	0.000119	0.0825	0.00000264	0.000139	0.00023	0.00108	0.00000841
2040 May	0.0165	0.00000404	1.35	4.44	0.0203	0.00062	12.5	0.00414	0.00775	0.0000557	0.000193	0.000119	0.0828	0.00000264	0.000139	0.000231	0.00108	0.00000841
2040 Jun	0.0169	0.00000426	1.36	4.62	0.0214	0.000647	12.6	0.00435	0.00801	0.0000588	0.000204	0.000124	0.0848	0.00000261	0.000146	0.000245	0.0011	0.0000081
2040 Jul	0.0169	0.00000419	1.34	4.53	0.0208	0.000632	12.3	0.00426	0.00792	0.0000585	0.0002	0.000122	0.0829	0.00000257	0.000143	0.000241	0.00109	0.00000762
2040 Aug	0.0167	0.00000403	1.32	4.38	0.0199	0.000606	11.8	0.00409	0.00774	0.0000567	0.000191	0.000118	0.0801	0.00000254	0.000137	0.000232	0.00108	0.00000707
2040 Sep	0.0164	0.00000387	1.3	4.23	0.0191	0.000583	11.4	0.00393	0.00759	0.0000547	0.000184	0.000114	0.0778	0.0000025	0.000131	0.000223	0.00107	0.00000659
2040 Oct	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00383	0.00752	0.0000543	0.000179	0.000113	0.0766	0.00000248	0.000128	0.000218	0.00106	0.00000637
2040 Nov	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00384	0.00753	0.0000543	0.000179	0.000113	0.0766	0.00000248	0.000128	0.000218	0.00106	0.00000637
2040 Dec	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00384	0.00753	0.0000543	0.000179	0.000113	0.0766	0.00000248	0.000128	0.000218	0.00106	0.00000637
2041 Jan	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00384	0.00753	0.0000543	0.000179	0.000113	0.0766	0.00000248	0.000128	0.000218	0.00106	0.00000637
2041 Feb	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00384	0.00753	0.0000543	0.000179	0.000113	0.0766	0.00000248	0.000128	0.000218	0.00106	0.00000637
2041 Mar	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00384	0.00753	0.0000543	0.000179	0.000113	0.0766	0.00000249	0.000128	0.000218	0.00106	0.00000637
2041 Apr	0.0163	0.00000379	1.29	4.16	0.0186	0.00057	11.3	0.00384	0.00753	0.0000543	0.000179	0.000113	0.0766	0.00000249	0.000128	0.000218	0.00106	0.00000637
2041 May	0.0163	0.0000038	1.29	4.16	0.0187	0.000572	11.3	0.00385	0.00754	0.0000545	0.00018	0.000113	0.0768	0.00000249	0.000129	0.000219	0.00106	0.00000638
2041 Jun	0.0164	0.00000389	1.29	4.22	0.019	0.00058	11.2	0.00392	0.00768	0.0000547	0.000184	0.000114	0.0772	0.00000247	0.000131	0.000223	0.00107	0.00000622
2041 Jul	0.0165	0.00000394	1.28	4.24	0.019	0.000583	11	0.00395	0.00775	0.0000545	0.000186	0.000115	0.0767	0.00000243	0.000132	0.000226	0.00107	0.00000586
2041 Aug	0.0163	0.00000381	1.27	4.1	0.0183	0.000561	10.7	0.0038	0.00763	0.0000535	0.000179	0.000111	0.0746	0.00000242	0.000127	0.000218	0.00107	0.00000554
2041 Sep	0.0161	0.00000368	1.25	3.99	0.0176	0.000542	10.4	0.00367	0.00752	0.0000521	0.000172	0.000109	0.0729	0.0000024	0.000122	0.000211	0.00106	0.00000525
2041 Oct	0.016	0.00000362	1.25	3.93	0.0173	0.000533	10.3	0.0036	0.00749	0.0000518	0.000169	0.000107	0.0721	0.00000239	0.00012	0.000208	0.00105	0.00000511
2041 Nov	0.016	0.00000363	1.25	3.93	0.0173	0.000534	10.3	0.0036	0.00749	0.0000518	0.000169	0.000107	0.0721	0.00000239	0.00012	0.000208	0.00105	0.00000511
2041 Dec	0.016	0.00000363	1.25	3.93	0.0173	0.000534	10.3	0.0036	0.00749	0.0000518	0.000169	0.000107	0.0721	0.00000239	0.00012	0.000208	0.00105	0.00000511
2042 Jan	0.016	0.00000363	1.25	3.93	0.0173	0.000534	10.3	0.0036	0.00749	0.0000518	0.000169	0.000107	0.0721	0.00000239	0.00012	0.000208	0.00105	0.00000511
2042 Feb	0.016	0.00000363	1.25	3.93	0.0173	0.000534	10.3	0.0036	0.00749	0.0000518	0.000169	0.000107	0.0721	0.00000239	0.00012	0.000208	0.00105	0.00000511
2042 Mar	0.016	0.00000363	1.25	3.93	0.0173	0.000534	10.3	0.00361	0.0075	0.0000518	0.000169	0.000107	0.0721	0.00000239	0.00012	0.000208	0.00105	0.00000511
2042 Apr	0.016	0.00000363	1.25	3.94	0.0173	0.000534	10.3	0.00361	0.0075	0.0000518	0.000169	0.000107	0.0722	0.00000239	0.00012	0.000208	0.00105	0.00000511
2042 May	0.0161	0.00000364	1.25	3.94	0.0174	0.000535	10.3	0.00362	0.00752	0.000052	0.00017	0.000108	0.0723	0.00000239	0.00012	0.000209	0.00105	0.00000512
2042 Jun	0.0162	0.00000368	1.25	3.96	0.0175	0.000537	10.3	0.00364	0.00761	0.0000523	0.000171	0.000108	0.0723	0.00000238	0.000121	0.000211	0.00106	0.00000502
2042 Jul	0.0162	0.00000366	1.24	3.92	0.0172	0.000531	10.1	0.0036	0.00764	0.0000524	0.00017	0.000107	0.0714	0.00000236	0.00012	0.00021	0.00105	0.00000481
2042 Aug	0.0161	0.00000359	1.22	3.83	0.0168	0.000518	9.84	0.00351	0.00759	0.0000513	0.000165	0.000105	0.07	0.00000234	0.000117	0.000205	0.00105	0.00000456
2042 Sep	0.0159	0.0000035	1.21	3.74	0.0163	0.000504	9.63	0.00341	0.00752	0.0000502	0.00016	0.000103	0.0687	0.00000232	0.000113	0.000199	0.00104	0.00000435
2042 Oct	0.0159	0.00000346	1.21	3.7	0.016	0.000497	9.52	0.00336	0.00751	0.0000499	0.000158	0.000102	0.0681	0.00000231	0.000112	0.000197	0.00103	0.00000425
2042 Nov	0.0159	0.00000346	1.21	3.7	0.016	0.000497	9.53	0.00336	0.00751	0.0000499	0.000158	0.000102	0.0681	0.00000231	0.000112	0.000197	0.00103	0.00000425
2042 Dec	0.0159	0.00000346	1.21	3.7	0.016	0.000497	9.53	0.00336	0.00751	0.0000499	0.000158	0.000102	0.0681	0.00000231	0.000112	0.000197	0.00103	0.00000425
2043 Jan	0.0159	0.00000346	1.21	3.7	0.016	0.000497	9.53	0.00336	0.00751	0.0000499	0.000158	0.000102	0.0681	0.00000232	0.000112	0.000197	0.00103	0.00000425
2043 Feb	0.0159	0.00000346	1.21	3.7	0.016	0.000497	9.53	0.00336	0.00751	0.0000499	0.000158	0.000102	0.0681	0.00000232	0.000112	0.000197	0.00103	0.00000425
2043 Mar	0.0159	0.00000346	1.21	3.7	0.016	0.000497	9.53	0.00336	0.00751	0.0000499	0.000158	0.000102	0.0681	0.00000232	0.000112	0.000197	0.00103	0.00000425
2043 Apr	0.0159	0.00000346	1.21	3.7	0.016	0.000497	9.53	0.00336	0.00752	0.00005	0.000158	0.000102	0.0682	0.00000232	0.000112	0.000197	0.00103	0.00000425
2043 May	0.0159	0.00000347	1.21	3.71	0.0161	0.000499	9.55	0.00337	0.00754	0.0000502	0.000158	0.000102	0.0683	0.00000232	0.000112	0.000197	0.00103	0.00000426
2043 Jun	0.0161	0.0000035	1.21	3.72	0.0163	0.0005	9.49	0.00338	0.00766	0.0000518	0.000159	0.000102	0.0685	0.00000231	0.000112	0.0002	0.00104	0.00000418
2043 Jul	0.0162	0.00000346	1.2	3.67	0.016	0.000491	9.37	0.00333	0.00764	0.000052	0.000157	0.000101	0.0677	0.00000231	0.000111	0.000198	0.00104	0.00000407
2043 Aug	0.0161	0.00000338	1.2	3.59	0.0156	0.000479	9.21	0.00324	0.00757	0.0000514	0.000153	0.0000995	0.0665	0.0000023	0.000108	0.000194	0.00103	0.00000391
2043 Sep	0.016	0.00000334	1.19	3.55	0.0154	0.000472	9.11	0.00319	0.00754	0.0000505	0.00015	0.0000985	0.066	0.0000023	0.000106	0.000192	0.00103	0.00000382
2043 Oct	0.0161	0.00000335	1.19	3.56	0.0154	0.000474	9.11	0.0032	0.00757	0.0000505	0.000151	0.0000987	0.0661	0.0000023	0.000106	0.000192	0.00103	0.00000381
2043 Nov	0.0161	0.00000336	1.19	3.56	0.0154	0.000474	9.11	0.0032	0.00759	0.0000505	0.000151	0.0000987	0.0661	0.00000229	0.000107	0.000192	0.00103	0.00000381
2043 Dec	0.0161	0.00000336	1.19	3.56	0.0154	0.000474	9.11	0.0032	0.00759	0.0000505	0.000151	0.0000987	0.0661	0.00000229	0.000107	0.000192	0.00103	0.00000381

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291
Operation (2026-2036): Mean	1190	0.472	1.73	0.0496	705	0.15	197	0.000499	0.000499	0.00000302	0.01	0.0119	0.24	0.0399	0.00000921	28	0.0000606	0.00353	0.000393	0.00156
Operation (2026-2036): Max	2360	0.937	3.58	0.102	1450	0.255	357	0.00068	0.00068	0.00000377	0.0129	0.137	0.431	0.0582	0.0000132	38.9	0.0000962	0.00625	0.000573	0.00222
Active Closure (2037-2043): Min	85.7	0.0293	0.0924	0.00345	40.2	0.0348	17	0.000546	0.000546	0.00000326	0.00332	0.000804	0.0206	0.01	0.00000533	8.44	0.00000924	0.000307	0.000106	0.000821
Active Closure (2037-2043): Mean	209	0.0761	0.264	0.00825	110	0.0506	41.6	0.000915	0.000915	0.00000468	0.00424	0.00208	0.0506	0.0144	0.0000059	11.3	0.0000163	0.00075	0.000151	0.000932
Active Closure (2037-2043): Max	1020	0.386	1.4	0.0401	570	0.154	202	0.000972	0.000972	0.0000049	0.0104	0.0107	0.246	0.0426	0.00000961	30.1	0.000063	0.00364	0.000436	0.00163
Post Closure (2044-2119): Min	85.9	0.0295	0.0927	0.00346	40.2	0.0348	17	0.00096	0.00096	0.00000487	0.00333	0.000806	0.0207	0.0101	0.00000533	8.46	0.00000927	0.000309	0.000107	0.000822
Post Closure (2044-2119): Mean	101	0.0441	0.123	0.00428	42.5	0.0389	23.5	0.000969	0.000969	0.0000049	0.00419	0.00102	0.029	0.0138	0.00000553	11.3	0.0000131	0.000454	0.000156	0.000886
Post Closure (2044-2119): Max	117	0.0593	0.152	0.00505	45.1	0.043	29.6	0.000976	0.000976	0.00000492	0.00493	0.00123	0.0368	0.0176	0.0000057	14.2	0.0000164	0.000592	0.000208	0.000956
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																				
Model Predictions (2026-2119)																				
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291
2029 Feb	5.31	0.00472	0.00142	0.0000368	1.35	0.000737	0.461	0.0000368	0.0000368	0.000000184	0.000217	0.000103	0.000254	0.00267	0.000000184	2.12	0.000000737	0.0000258	0.0000442	0.00007
2029 Mar	7.3	0.00648	0.00195	0.0000506	1.85	0.00101	0.632	0.0000506	0.0000506	0.000000253	0.000299	0.000142	0.000349	0.00367	0.000000253	2.91	0.00000101	0.0000354	0.0000607	0.0000961
2029 Apr	8.74	0.00776	0.00233	0.0000606	2.22	0.00121	0.757	0.0000606	0.0000606	0.000000303	0.000358	0.00017	0.000418	0.00439	0.000000303	3.48	0.00000121	0.0000424	0.0000727	0.000115
2029 May	18.1	0.0118	0.0155	0.000436	7.68	0.00225	2.12	0.0000677	0.0000677	0.000000342	0.000444	0.00752	0.00203	0.005	0.000000383	3.94	0.0000017	0.0000691	0.0000812	0.000134
2029 Jun	522	0.206	0.774	0.0222	315	0.0605	77.7	0.00036	0.00036	0.000002	0.00507	0.137	0.0958	0.0181	0.00000444	12.9	0.000028	0.00143	0.000186	0.000704
2029 Jul	944	0.367	1.41	0.0405	571	0.111	141	0.000672	0.000672	0.00000373	0.00943	0.0067	0.175	0.0292	0.00000816	20.7	0.0000514	0.00257	0.000271	0.00121
2029 Aug	1140	0.443	1.7	0.0488	690	0.13	170	0.000606	0.000606	0.00000348	0.00985	0.00778	0.209	0.0331	0.00000884	23.1	0.0000573	0.00307	0.000307	0.00134
2029 Sep	1350	0.531	2.04	0.0583	827	0.152	204	0.00053	0.00053	0.00000319	0.0104	0.00945	0.249	0.0375	0.00000962	25.8	0.0000643	0.00364	0.000349	0.0015
2029 Oct	1590	0.629	2.4	0.0686	974	0.177	240	0.00045	0.00045	0.00000288	0.011	0.00993	0.292	0.0426	0.0000105	29.1	0.0000716	0.00425	0.000395	0.00168
2029 Nov	1560	0.634	2.35	0.0671	954	0.178	235	0.000464	0.000464	0.00000294	0.0112	0.00745	0.286	0.0429	0.0000104	29.7	0.0000694	0.00417	0.000394	0.00173
2029 Dec	1530	0.625	2.31	0.0659	937	0.176	231	0.000474	0.000474	0.00000298	0.0111	0.00733	0.281	0.0425	0.0000103	29.5	0.0000684	0.00409	0.000389	0.00171
2030 Jan	1520	0.622	2.29	0.0655	931	0.175	230	0.000477	0.000477	0.00000299	0.0111	0.0073	0.28	0.0424	0.0000102	29.5	0.0000681	0.00407	0.00039	0.00171
2030 Feb	1520	0.62	2.29	0.0653	929	0.174	229	0.000478	0.000478	0.000003	0.0111	0.00729	0.279	0.0425	0.0000102	29.6	0.0000679	0.00406	0.000392	0.00171
2030 Mar	1520	0.619	2.28	0.0652	927	0.174	229	0.000479	0.000479	0.000003	0.0111	0.00728	0.278	0.0426	0.0000102	29.6	0.0000678	0.00406	0.000394	0.00171
2030 Apr	1510	0.618	2.28	0.0651	926	0.174	228	0.00048	0.00048	0.000003	0.011	0.00727	0.278	0.0426	0.0000102	29.7	0.0000677	0.00405	0.000395	0.00171
2030 May	1510	0.618	2.28	0.065	925	0.174	228	0.000481	0.000481	0.00000301	0.011	0.0177	0.278	0.0426	0.0000102	29.7	0.0000677	0.00405	0.000396	0.00171
2030 Jun	1220	0.491	1.83	0.0525	744	0.142	184	0.000583	0.000583	0.0000034	0.0103	0.0178	0.225	0.0359	0.00000917	25.2	0.0000595	0.00329	0.000333	0.00146
2030 Jul	1250	0.496	1.88	0.0539	763	0.143	188	0.000573	0.000573	0.00000336	0.0103	0.0116	0.231	0.036	0.00000929	25	0.0000609	0.00337	0.000334	0.00145
2030 Aug	1460	0.576	2.2	0.0628	891	0.164	220	0.000501	0.000501	0.00000308	0.0107	0.0126	0.268	0.04	0.00001	27.5	0.0000673	0.00391	0.000372	0.00159
2030 Sep	1890	0.745	2.86	0.0816	1160	0.207	286	0.000353	0.000353	0.00000252	0.0117	0.0186	0.346	0.0486	0.0000116	32.7	0.0000814	0.00504	0.000453	0.00188
2030 Oct	2360	0.937	3.58	0.102	1450	0.255	357	0.000187	0.000187	0.00000188	0.0129	0.0139	0.431	0.0582	0.0000132	38.7	0.0000962	0.00625	0.000542	0.00222
2030 Nov	2030	0.822	3.08	0.0876	1250	0.226	307	0.000302	0.000302	0.00000232	0.0123	0.00871	0.372	0.0525	0.000012	35.6	0.0000846	0.0054	0.000484	0.00206
2030 Dec	1960	0.798	2.97	0.0847	1210	0.22	297	0.000326	0.000326	0.00000241	0.0122	0.00845	0.36	0.0513	0.0000118	35	0.0000822	0.00522	0.000472	0.00202
2031 Jan	1940	0.79	2.93	0.0836	1190	0.217	293	0.000334	0.000334	0.00000245	0.0121	0.00837	0.355	0.0511	0.0000117	34.9	0.0000814	0.00516	0.000473	0.00201

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2031 Feb	1930	0.785	2.92	0.0831	1180	0.216	292	0.000338	0.000338	0.00000246	0.0121	0.00833	0.353	0.0512	0.0000117	35.1	0.000081	0.00513	0.000477	0.00201
2031 Mar	1920	0.783	2.9	0.0827	1180	0.215	290	0.000341	0.000341	0.00000247	0.0121	0.0083	0.351	0.0513	0.0000116	35.2	0.0000807	0.00511	0.000481	0.00201
2031 Apr	1920	0.78	2.89	0.0825	1170	0.214	289	0.000343	0.000343	0.00000248	0.012	0.021	0.35	0.0514	0.0000116	35.2	0.0000805	0.0051	0.000483	0.00201
2031 May	1870	0.761	2.82	0.0803	1140	0.209	282	0.000361	0.000361	0.00000255	0.0118	0.0595	0.341	0.0519	0.0000114	35.7	0.0000791	0.00498	0.000502	0.002
2031 Jun	1160	0.474	1.71	0.0487	696	0.131	172	0.000615	0.000615	0.00000352	0.00967	0.0165	0.208	0.0473	0.00000887	34.3	0.0000569	0.00318	0.000559	0.00166
2031 Jul	1290	0.523	1.91	0.0545	778	0.144	192	0.000569	0.000569	0.00000335	0.00999	0.0175	0.232	0.0483	0.00000934	34.6	0.0000611	0.00351	0.000555	0.00171
2031 Aug	2130	0.843	3.22	0.0917	1310	0.23	322	0.00027	0.00027	0.0000022	0.012	0.0166	0.388	0.0574	0.0000124	38.9	0.0000882	0.00568	0.000573	0.00212
2031 Sep	1980	0.803	2.99	0.0853	1210	0.221	299	0.000321	0.000321	0.00000239	0.0121	0.0107	0.362	0.0516	0.0000118	35.2	0.0000822	0.00526	0.000475	0.00203
2031 Oct	1370	0.586	2.05	0.0586	834	0.166	206	0.000536	0.000536	0.00000322	0.011	0.00531	0.251	0.0407	0.00000967	29.1	0.0000612	0.00366	0.000366	0.0017
2031 Nov	1190	0.521	1.77	0.0507	722	0.149	179	0.000599	0.000599	0.00000346	0.0107	0.00443	0.218	0.0375	0.00000904	27.3	0.0000549	0.00318	0.000333	0.00161
2031 Dec	1160	0.511	1.72	0.0494	703	0.146	174	0.00061	0.00061	0.0000035	0.0106	0.00434	0.213	0.037	0.00000893	27	0.0000538	0.00311	0.000328	0.00159
2032 Jan	1150	0.507	1.7	0.0489	696	0.145	172	0.000614	0.000614	0.00000352	0.0106	0.00431	0.211	0.037	0.00000889	27	0.0000534	0.00308	0.00033	0.00159
2032 Feb	1140	0.504	1.69	0.0487	692	0.144	171	0.000616	0.000616	0.00000353	0.0106	0.00431	0.21	0.0372	0.00000887	27.2	0.0000532	0.00306	0.000335	0.00159
2032 Mar	1140	0.503	1.69	0.0485	690	0.144	171	0.000617	0.000617	0.00000353	0.0106	0.0043	0.209	0.0373	0.00000885	27.3	0.0000531	0.00306	0.000338	0.00159
2032 Apr	1140	0.502	1.68	0.0483	688	0.144	170	0.000618	0.000618	0.00000354	0.0106	0.0043	0.208	0.0374	0.00000884	27.4	0.000053	0.00305	0.000341	0.00159
2032 May	1150	0.508	1.71	0.0491	699	0.146	174	0.00061	0.00061	0.00000351	0.0106	0.0313	0.213	0.0379	0.00000892	27.7	0.0000538	0.00311	0.000346	0.00161
2032 Jun	894	0.36	1.3	0.0375	530	0.116	142	0.00068	0.00068	0.00000377	0.00973	0.0197	0.176	0.0309	0.00000822	22.3	0.0000506	0.00259	0.000286	0.0013
2032 Jul	1050	0.403	1.52	0.0438	619	0.132	172	0.00061	0.00061	0.00000351	0.01	0.00929	0.212	0.0338	0.00000892	23.7	0.0000578	0.0031	0.000314	0.00138
2032 Aug	1120	0.433	1.64	0.047	666	0.142	185	0.00058	0.00058	0.00000339	0.0102	0.00952	0.228	0.0356	0.00000923	24.8	0.0000602	0.00333	0.00033	0.00144
2032 Sep	1160	0.446	1.69	0.0485	686	0.146	191	0.000566	0.000566	0.00000334	0.0103	0.00989	0.235	0.0363	0.00000936	25.3	0.0000613	0.00343	0.000337	0.00147
2032 Oct	1180	0.454	1.72	0.0493	699	0.148	195	0.000558	0.000558	0.0000033	0.0103	0.0101	0.239	0.0368	0.00000945	25.6	0.0000621	0.00349	0.000341	0.00148
2032 Nov	1180	0.455	1.72	0.0493	698	0.148	195	0.000558	0.000558	0.00000331	0.0103	0.00998	0.239	0.0368	0.00000944	25.6	0.000062	0.00349	0.000341	0.00149
2032 Dec	1170	0.453	1.71	0.049	693	0.147	194	0.000561	0.000561	0.00000332	0.0103	0.00983	0.237	0.0367	0.00000941	25.6	0.0000616	0.00346	0.00034	0.00148
2033 Jan	1170	0.452	1.7	0.0488	692	0.147	193	0.000562	0.000562	0.00000332	0.0103	0.00981	0.237	0.0367	0.0000094	25.6	0.0000615	0.00346	0.00034	0.00148
2033 Feb	1170	0.452	1.7	0.0488	691	0.147	193	0.000563	0.000563	0.00000332	0.0103	0.00981	0.236	0.0368	0.0000094	25.6	0.0000615	0.00346	0.000341	0.00148
2033 Mar	1160	0.452	1.7	0.0488	691	0.147	193	0.000563	0.000563	0.00000332	0.0103	0.0098	0.236	0.0368	0.0000094	25.6	0.0000615	0.00345	0.000341	0.00148
2033 Apr	1160	0.451	1.7	0.0488	691	0.147	193	0.000563	0.000563	0.00000332	0.0103	0.0098	0.236	0.0368	0.00000939	25.7	0.0000614	0.00345	0.000342	0.00148
2033 May	1110	0.431	1.61	0.0461	654	0.14	184	0.000585	0.000585	0.00000341	0.0101	0.0112	0.225	0.0377	0.00000917	26.5	0.0000594	0.00331	0.000369	0.00148
2033 Jun	1080	0.417	1.54	0.0442	628	0.139	183	0.000588	0.000588	0.00000342	0.01	0.0106	0.223	0.0402	0.00000914	28.5	0.0000593	0.00331	0.000417	0.00153
2033 Jul	1110	0.43	1.6	0.0457	650	0.144	190	0.00057	0.00057	0.00000335	0.0101	0.0107	0.232	0.0409	0.00000933	28.9	0.000061	0.00344	0.000422	0.00156
2033 Aug	1130	0.437	1.62	0.0465	661	0.147	194	0.000561	0.000561	0.00000332	0.0102	0.0109	0.237	0.0414	0.00000942	29.1	0.0000619	0.00351	0.000425	0.00157
2033 Sep	1170	0.45	1.68	0.048	682	0.152	202	0.000543	0.000543	0.00000325	0.0103	0.0109	0.246	0.0421	0.0000096	29.6	0.0000634	0.00364	0.00043	0.00161
2033 Oct	1160	0.452	1.67	0.0477	678	0.154	203	0.000541	0.000541	0.00000324	0.0104	0.0103	0.247	0.042	0.00000961	29.6	0.0000633	0.00365	0.000424	0.00162
2033 Nov	1160	0.45	1.65	0.0474	673	0.153	202	0.000544	0.000544	0.00000325	0.0104	0.0101	0.246	0.0419	0.00000958	29.5	0.0000629	0.00362	0.000421	0.00161
2033 Dec	1160	0.45	1.65	0.0473	673	0.153	202	0.000545	0.000545	0.00000325	0.0104	0.0101	0.245	0.0418	0.00000958	29.4	0.0000629	0.00362	0.000421	0.00161
2034 Jan	1150	0.45	1.65	0.0473	672	0.153	201	0.000545	0.000545	0.00000325	0.0104	0.0101	0.245	0.0418	0.00000958	29.4	0.0000629	0.00362	0.000421	0.00161
2034 Feb	1150	0.45	1.65	0.0473	672	0.153	201	0.000545	0.000545	0.00000326	0.0104	0.0101	0.245	0.0418	0.00000958	29.5	0.0000629	0.00362	0.000421	0.00161
2034 Mar	1150	0.45	1.65	0.0473	672	0.153	201	0.000545	0.000545	0.00000326	0.0104	0.0101	0.245	0.0418	0.00000958	29.5	0.0000629	0.00362	0.000421	0.00161
2034 Apr	1150	0.45	1.65	0.0473	672	0.153	201	0.000545	0.000545	0.00000326	0.0104	0.0101	0.245	0.0418	0.00000958	29.5	0.0000629	0.00362	0.000421	0.00161
2034 May	1140	0.445	1.63	0.0468	665	0.152	200	0.000549	0.000549	0.00000327	0.0104	0.0116	0.243	0.042	0.00000953	29.6	0.0000625	0.00359	0.000425	0.00161
2034 Jun	1070	0.417	1.51	0.0433	616	0.144	188	0.000576	0.000576	0.00000337	0.0101	0.0108	0.229	0.0428	0.00000927	30.5	0.0000602	0.00341	0.000455	0.00161
2034 Jul	1100	0.425	1.55	0.0443	631	0.148	196	0.000559	0.000559	0.00000331	0.0102	0.0108	0.238	0.0435	0.00000944	30.8	0.0000617	0.00354	0.000459	0.00163
2034 Aug	1100	0.426	1.56	0.0445	634	0.149	197	0.000556	0.000556	0.0000033	0.0102	0.0109	0.24	0.0436	0.00000947	30.8	0.0000619	0.00356	0.000459	0.00164
2034 Sep	1120	0.432	1.57	0.0451	641	0.152	201	0.000546	0.000546	0.00000326	0.0103	0.0109	0.245	0.0439	0.00000957	31	0.0000628	0.00363	0.00046	0.00165
2034 Oct	1110	0.431	1.57	0.0448	638	0.154	202	0.000543	0.000543	0.00000325	0.0104	0.0105	0.246	0.0438	0.00000959	31	0.0000628	0.00364	0.000455	0.00166
2034 Nov	1110	0.43	1.56	0.0446	635	0.153	202	0.000545	0.000545	0.00000326	0.0104	0.0105	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000453	0.00166
2034 Dec	1110	0.43	1.56	0.0446	635	0.153	202	0.000546	0.000546	0.00000326	0.0104	0.0105	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000453	0.00166
2035 Jan	1110	0.43	1.56	0.0446	635	0.153	201	0.000546	0.000546	0.00000326	0.0104	0.0105	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000453	0.00166
2035 Feb	1110	0.43	1.56	0.0446	635	0.153	201	0.000546	0.000546	0.00000326	0.0104	0.0105	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000453	0.00166
2035 Mar	1110	0.43	1.56	0.0446	635	0.153	201	0.000546	0.000546	0.00000326	0.0104	0.0105	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000453	0.00166
2035 Apr	1110	0.43	1.56	0.0446	635	0.153	201	0.000546	0.000546	0.00000326	0.0104	0.0105	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000453	0.00166
2035 May	1110	0.43	1.56	0.0446	635	0.153	202	0.000546	0.000546	0.00000326	0.0104	0.0111	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000454	0.00166
2035 Jun	1030	0.396	1.43	0.041	584	0.145	190	0.000572	0.000572	0.00000336	0.0102	0.0106	0.231	0.0423	0.00000931	30	0.0000604	0.00343	0.000442	0.0016
2035 Jul	1030	0.396	1.44	0.0412	586	0.147	193	0.000565	0.000565	0.00000333	0.0102	0.0105	0.235	0.0424	0.00000938	30.1	0.0000611	0.00349	0.000442	0.00161
2035 Aug	1050	0.4	1.45	0.0416	592	0.149	197	0.000556	0.000556	0.0000033	0.0103	0.0106	0.239	0.0428	0.00000946	30.3	0.0000619	0.00355	0.000444	0.00162
2035 Sep	1050	0.402	1.46	0.0417	594	0.152	200	0.000549	0.000549	0.00000327	0.0103	0.0104	0.243	0.043	0.00000954	30.4	0.0000624	0.0036	0.000444	0.00164
2035 Oct	1060	0.402	1.46	0.0418	595	0.153	202	0.000545	0.000545	0.00000326	0.0104	0.0104	0.245	0.0431	0.00000957	30.4	0.0000627	0.00363	0.000444	0.00164
2035 Nov	1050	0.403	1.46	0.0418	594	0.153	202	0.000544	0.000544	0.00000325	0.0104	0.0103	0.246	0.0431	0.00000959	30.4	0.0000628	0.00364	0.000443	0.00164
2035 Dec	1050	0.402	1.46	0.0417	593	0.153	202	0.000545	0.000545	0.00000325	0.0104	0.0103	0.246	0.0431	0.00000958	30.4	0.0000627	0.00363	0.000442	0.00164
2036 Jan	1050	0.402	1.46	0.0417	593	0.153	202	0.000545	0.000545	0.00000325	0.0104	0.0103	0.245	0.0431	0.00000958	30.4	0.0000627	0.00363	0.000442	0.00164
2036 Feb	1050	0.402	1.46	0.0417	593	0.153	202	0.000545	0.000545	0.00000325	0.0104	0.0103	0.245	0.0431	0.00000958	30.4	0.0000627	0.00363	0.000443	0.00164
2036 Mar	1050	0.402	1.46	0.0417	593	0.153	202	0.000545	0.000545	0.00000325	0.0104	0.0103	0.245	0.0431	0.00000958	30.4	0.0000627	0.00363	0.000443	0.00164
2036 Apr	1050	0.402	1.46	0.0417	593	0.153	202	0.000545	0.000545	0.00000326	0.0104	0.0105	0.246	0.0431	0.00000958	30.5	0.0000628	0.00363	0.000443	0.00164
2036 May	1060	0.403	1.46	0.0418	595	0.154	202	0.000546	0.000546	0.00000326	0.0104	0.0113	0.246	0.0432	0.0000096	30.5	0.0000629	0.00364	0.000444	0.00165
2036 Jun	1020	0.389	1.41	0.0404	575	0.151	198	0.000552	0.000552	0.00000328	0.0103	0.0108	0.242	0.0423	0.0000095	29.9	0.0000621	0.00357	0.000433	0.00162
2036 Jul	1020	0.384	1.4	0.04	569	0.151	199	0.000552	0.000552	0.00000328	0.0103	0.0107	0.242	0.0421	0.00000951	29.7	0.0000622	0.00357	0.000429	0.00161
2036 Aug	1020	0.386	1.4	0.0402	572	0.152	200	0.000552	0.000552	0.00000329	0.0104	0.0108	0.244	0.0424	0.00000957	29.9	0.0000626	0.0036	0.000432	0.00162
2036 Sep	1030	0.388	1.41	0.0404	575	0.154	203	0.000547	0.000547	0.00000327	0.0104	0.0109	0.247	0.0426	0.00000962	30	0.0000631	0.00364	0.000434	0.00163
2036 Oct	1030	0.387	1.41	0.0403	573	0.154	203	0.000545	0.000545	0.00000326	0.0104	0.0108	0.247	0.0426	0.00000962	30	0.0000632	0.00365	0.000433	0.00163
2036 Nov	1030	0.386	1.4	0.0402	571	0.154	203	0.000545	0.000545	0.00000326	0.0104	0.0108	0.247	0.0425	0.00000962	30	0.0000631	0.00364	0.000432	0.00163
2036 Dec	1020	0.386	1.4	0.0401	570	0.154	202	0.000545	0.000545	0.00000326	0.0104	0.0107	0.246	0.0425	0.00000961	29.9	0.000063	0.00364	0.000431	0.00163
2037 Jan	1020	0.386	1.4	0.0401	570	0.154	202	0.000546	0.000546	0.00000326	0.0104	0.0107	0.246	0.0425	0.00000961	29.9	0.000063	0.00364	0.000431	0.00163
2037 Feb	1020	0.386	1.4	0.0401	570	0.154	202	0.000546	0.000546	0.00000326	0.0104	0.0107	0.246	0.0425	0.0000096	29.9	0.000063	0.00363	0.000431	0.00163
2037 Mar	1020	0.386	1.4	0.0401	570	0.154	202	0.000546	0.000546	0.00000326	0.0104	0.0107	0.246	0.0425	0.00000961	30	0.000063	0.00363	0.000431	0.00163
2037 Apr	1020	0.386	1.4	0.0401	570	0.154	202	0.000546	0.000546	0.00000326	0.0104	0.0107	0.246	0.0425	0.00000961	30	0.000063	0.00364	0.000431	0.00163
2037 May	1010	0.382	1.38	0.0396	563	0.152	201	0.00055	0.00055	0.00000328	0.0104	0.0106	0.244	0.0426	0.00000957	30.1	0.0000626	0.00361	0.000436	0.00163
2037 Jun	758	0.285	1.03	0.0296	417	0.121	152	0.000657	0.000657	0.00000368	0.00845	0.00774	0.185	0.0343	0.00000842	24.6	0.0000485	0.00275	0.000352	0.00143

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2037 Jul	497	0.186	0.665	0.0195	272	0.0876	99.5	0.00078	0.00078	0.00000416	0.00637	0.00505	0.121	0.0247	0.00000723	18.2	0.0000332	0.00182	0.000249	0.00121
2037 Aug	375	0.139	0.493	0.0147	203	0.0718	74.7	0.000839	0.000839	0.00000438	0.00543	0.00378	0.0907	0.0202	0.00000667	15.2	0.0000259	0.00136	0.000205	0.00109
2037 Sep	305	0.112	0.395	0.0119	164	0.0627	60.6	0.000872	0.000872	0.00000451	0.00493	0.00305	0.0736	0.0177	0.00000634	13.5	0.0000217	0.00109	0.000183	0.00102
2037 Oct	279	0.102	0.36	0.0109	149	0.0595	55.5	0.000883	0.000883	0.00000455	0.00474	0.00278	0.0675	0.0168	0.00000622	12.9	0.0000202	0.000996	0.000175	0.000991
2037 Nov	279	0.102	0.36	0.0109	149	0.0595	55.6	0.000882	0.000882	0.00000455	0.00474	0.00278	0.0676	0.0168	0.00000622	12.9	0.0000202	0.000997	0.000175	0.000992
2037 Dec	279	0.102	0.36	0.0109	149	0.0595	55.6	0.000882	0.000882	0.00000455	0.00474	0.00278	0.0676	0.0168	0.00000622	12.9	0.0000202	0.000997	0.000175	0.000992
2038 Jan	279	0.102	0.36	0.0109	149	0.0595	55.6	0.000882	0.000882	0.00000455	0.00474	0.00278	0.0676	0.0168	0.00000622	12.9	0.0000202	0.000997	0.000175	0.000992
2038 Feb	279	0.102	0.36	0.0109	149	0.0595	55.6	0.000882	0.000882	0.00000455	0.00474	0.00278	0.0676	0.0168	0.00000622	12.9	0.0000202	0.000997	0.000175	0.000992
2038 Mar	279	0.102	0.36	0.0109	149	0.0595	55.6	0.000882	0.000882	0.00000455	0.00474	0.00278	0.0676	0.0168	0.00000622	12.9	0.0000202	0.000997	0.000175	0.000992
2038 Apr	279	0.102	0.36	0.0109	150	0.0595	55.6	0.000883	0.000883	0.00000455	0.00474	0.00278	0.0676	0.0168	0.00000622	12.9	0.0000202	0.000998	0.000176	0.000992
2038 May	280	0.102	0.36	0.011	150	0.0596	55.7	0.000883	0.000883	0.00000455	0.00475	0.00278	0.0677	0.0169	0.00000622	13	0.0000203	0.001	0.000177	0.000994
2038 Jun	262	0.0962	0.335	0.0102	139	0.0573	52.4	0.000889	0.000889	0.00000457	0.00464	0.00258	0.0636	0.0166	0.00000614	12.8	0.0000195	0.000948	0.000175	0.000986
2038 Jul	229	0.0836	0.289	0.00897	121	0.0531	45.6	0.000906	0.000906	0.00000464	0.00436	0.00225	0.0553	0.0153	0.00000599	12	0.0000175	0.000832	0.000159	0.000963
2038 Aug	204	0.0741	0.255	0.00802	107	0.05	40.7	0.000919	0.000919	0.0000047	0.00417	0.002	0.0493	0.0144	0.00000589	11.3	0.000016	0.000741	0.00015	0.000938
2038 Sep	186	0.067	0.23	0.00729	96.6	0.0475	36.9	0.000927	0.000927	0.00000473	0.00404	0.00181	0.0448	0.0137	0.0000058	10.9	0.0000149	0.000666	0.000145	0.000914
2038 Oct	178	0.0639	0.218	0.00698	92.1	0.0465	35.3	0.00093	0.00093	0.00000474	0.00398	0.00172	0.0429	0.0134	0.00000576	10.7	0.0000144	0.000634	0.000142	0.000906
2038 Nov	178	0.064	0.218	0.00698	92.1	0.0465	35.3	0.00093	0.00093	0.00000474	0.00398	0.00172	0.0429	0.0134	0.00000576	10.7	0.0000144	0.000635	0.000142	0.000906
2038 Dec	178	0.064	0.218	0.00698	92.1	0.0465	35.3	0.000931	0.000931	0.00000474	0.00398	0.00172	0.0429	0.0134	0.00000576	10.7	0.0000144	0.000635	0.000142	0.000906
2039 Jan	178	0.064	0.218	0.00698	92.1	0.0465	35.3	0.000931	0.000931	0.00000474	0.00398	0.00172	0.0429	0.0134	0.00000576	10.7	0.0000144	0.000635	0.000142	0.000906
2039 Feb	178	0.064	0.218	0.00698	92.1	0.0465	35.3	0.000931	0.000931	0.00000474	0.00398	0.00172	0.0429	0.0134	0.00000576	10.7	0.0000144	0.000635	0.000142	0.000906
2039 Mar	178	0.064	0.218	0.00698	92.1	0.0465	35.3	0.000931	0.000931	0.00000474	0.00398	0.00172	0.0429	0.0134	0.00000576	10.7	0.0000144	0.000635	0.000142	0.000906
2039 Apr	178	0.064	0.218	0.00698	92.1	0.0465	35.3	0.000931	0.000931	0.00000474	0.00398	0.00172	0.0429	0.0134	0.00000576	10.7	0.0000144	0.000635	0.000142	0.000906
2039 May	178	0.064	0.219	0.00699	92.2	0.0466	35.4	0.000931	0.000931	0.00000474	0.00398	0.00172	0.0429	0.0134	0.00000576	10.7	0.0000144	0.000635	0.000142	0.000907
2039 Jun	171	0.0616	0.21	0.00675	88.3	0.0458	34.3	0.000932	0.000932	0.00000474	0.00396	0.00166	0.0416	0.0132	0.00000573	10.5	0.0000142	0.000618	0.000139	0.000901
2039 Jul	160	0.0573	0.195	0.00632	81.6	0.0444	32.1	0.000935	0.000935	0.00000475	0.00387	0.00153	0.039	0.0127	0.00000567	10.2	0.0000136	0.000584	0.000132	0.000893
2039 Aug	149	0.0533	0.18	0.00591	75.8	0.0431	30	0.000941	0.000941	0.00000477	0.00379	0.00143	0.0364	0.0123	0.00000563	9.94	0.0000129	0.000545	0.000128	0.000882
2039 Sep	140	0.0498	0.168	0.00556	70.9	0.0419	28.1	0.000945	0.000945	0.00000479	0.00372	0.00134	0.0342	0.012	0.00000558	9.73	0.0000124	0.000507	0.000126	0.00087
2039 Oct	137	0.0483	0.162	0.0054	68.7	0.0414	27.3	0.000947	0.000947	0.0000048	0.00369	0.0013	0.0332	0.0118	0.00000556	9.63	0.0000121	0.00049	0.000125	0.000866
2039 Nov	137	0.0483	0.162	0.0054	68.7	0.0414	27.3	0.000947	0.000947	0.0000048	0.00369	0.0013	0.0332	0.0118	0.00000556	9.63	0.0000121	0.00049	0.000125	0.000866
2039 Dec	137	0.0483	0.162	0.0054	68.7	0.0414	27.3	0.000947	0.000947	0.0000048	0.00369	0.0013	0.0332	0.0118	0.00000556	9.64	0.0000121	0.00049	0.000125	0.000866
2040 Jan	137	0.0483	0.162	0.0054	68.7	0.0414	27.3	0.000947	0.000947	0.0000048	0.00369	0.0013	0.0332	0.0118	0.00000556	9.64	0.0000121	0.00049	0.000125	0.000866
2040 Feb	137	0.0483	0.162	0.0054	68.7	0.0414	27.3	0.000947	0.000947	0.0000048	0.00369	0.0013	0.0332	0.0118	0.00000556	9.64	0.0000121	0.00049	0.000125	0.000866
2040 Mar	137	0.0483	0.162	0.00541	68.7	0.0414	27.3	0.000947	0.000947	0.0000048	0.00369	0.0013	0.0332	0.0118	0.00000557	9.64	0.0000121	0.00049	0.000125	0.000866
2040 Apr	137	0.0483	0.162	0.00541	68.7	0.0414	27.3	0.000947	0.000947	0.0000048	0.00369	0.0013	0.0332	0.0118	0.00000557	9.64	0.0000121	0.00049	0.000125	0.000866
2040 May	137	0.0484	0.162	0.00541	68.7	0.0414	27.3	0.000948	0.000948	0.0000048	0.0037	0.0013	0.0332	0.0119	0.00000557	9.65	0.0000121	0.000491	0.000126	0.000867
2040 Jun	134	0.0474	0.158	0.00529	66.8	0.041	26.8	0.000947	0.000947	0.0000048	0.00369	0.00127	0.0325	0.0119	0.00000555	9.67	0.0000121	0.000484	0.000126	0.000866
2040 Jul	127	0.0449	0.149	0.00504	63.2	0.0402	25.4	0.000951	0.000951	0.00000482	0.00362	0.00121	0.0308	0.0116	0.00000552	9.48	0.0000117	0.000462	0.000122	0.000864
2040 Aug	121	0.0426	0.141	0.00481	59.9	0.0394	24.2	0.000955	0.000955	0.00000483	0.00357	0.00115	0.0294	0.0114	0.0000055	9.32	0.0000113	0.000439	0.00012	0.000857
2040 Sep	116	0.0406	0.134	0.00461	57.1	0.0387	23.1	0.000958	0.000958	0.00000484	0.00354	0.0011	0.0281	0.0112	0.00000547	9.19	0.000011	0.000417	0.000119	0.00085
2040 Oct	113	0.0397	0.13	0.00451	55.8	0.0384	22.6	0.000959	0.000959	0.00000485	0.00352	0.00107	0.0275	0.0111	0.00000546	9.13	0.0000108	0.000406	0.000118	0.000847
2040 Nov	113	0.0397	0.13	0.00451	55.8	0.0384	22.6	0.000959	0.000959	0.00000485	0.00352	0.00107	0.0275	0.0111	0.00000546	9.13	0.0000108	0.000406	0.000118	0.000847
2040 Dec	113	0.0397	0.13	0.00451	55.8	0.0384	22.6	0.000959	0.000959	0.00000485	0.00352	0.00107	0.0275	0.0111	0.00000546	9.13	0.0000108	0.000406	0.000118	0.000847
2041 Jan	113	0.0397	0.13	0.00451	55.8	0.0384	22.6	0.000959	0.000959	0.00000485	0.00352	0.00107	0.0275	0.0111	0.00000546	9.13	0.0000108	0.000406	0.000118	0.000847
2041 Feb	113	0.0397	0.13	0.00451	55.8	0.0384	22.6	0.000959	0.000959	0.00000485	0.00352	0.00107	0.0275	0.0111	0.00000546	9.13	0.0000108	0.000406	0.000118	0.000847
2041 Mar	113	0.0397	0.13	0.00451	55.8	0.0384	22.6	0.000959	0.000959	0.00000485	0.00352	0.00107	0.0275	0.0111	0.00000546	9.13	0.0000108	0.000406	0.000118	0.000847
2041 Apr	114	0.0397	0.13	0.00451	55.8	0.0384	22.6	0.000959	0.000959	0.00000485	0.00352	0.00107	0.0275	0.0111	0.00000546	9.13	0.0000108	0.000406	0.000118	0.000847
2041 May	114	0.0397	0.13	0.00451	55.8	0.0384	22.6	0.000959	0.000959	0.00000485	0.00352	0.00107	0.0275	0.0111	0.00000546	9.14	0.0000108	0.000406	0.000118	0.000847
2041 Jun	111	0.039	0.128	0.00444	54.5	0.0381	22.2	0.000959	0.000959	0.00000485	0.00352	0.00105	0.027	0.011	0.00000545	9.08	0.0000107	0.000401	0.000117	0.000845
2041 Jul	107	0.0376	0.123	0.0043	52.3	0.0376	21.5	0.00096	0.00096	0.00000485	0.00348	0.00101	0.0261	0.0108	0.00000543	8.96	0.0000106	0.000391	0.000114	0.000843
2041 Aug	104	0.0361	0.117	0.00415	50.2	0.0371	20.7	0.000963	0.000963	0.00000486	0.00345	0.000977	0.0252	0.0107	0.00000541	8.86	0.0000103	0.000376	0.000113	0.000839
2041 Sep	100	0.0347	0.112	0.00401	48.4	0.0367	20	0.000964	0.000964	0.00000487	0.00343	0.000943	0.0243	0.0105	0.0000054	8.78	0.0000101	0.00036	0.000112	0.000834
2041 Oct	98.7	0.0341	0.11	0.00395	47.5	0.0364	19.6	0.000965	0.000965	0.00000487	0.00342	0.000926	0.0239	0.0105	0.00000539	8.74	0.00000997	0.000353	0.000112	0.000832
2041 Nov	98.7	0.0341	0.11	0.00395	47.5	0.0365	19.6	0.000965	0.000965	0.00000487	0.00342	0.000926	0.0239	0.0105	0.00000539	8.74	0.00000997	0.000353	0.000112	0.000832
2041 Dec	98.7	0.0341	0.11	0.00395	47.5	0.0365	19.6	0.000965	0.000965	0.00000487	0.00342	0.000926	0.0239	0.0105	0.00000539	8.74	0.00000997	0.000353	0.000112	0.000832
2042 Jan	98.7	0.0341	0.11	0.00395	47.5	0.0365	19.6	0.000965	0.000965	0.00000487	0.00342	0.000926	0.0239	0.0105	0.00000539	8.74	0.00000997	0.000353	0.000112	0.000832
2042 Feb	98.7	0.0341	0.11	0.00395	47.5	0.0365	19.6	0.000965	0.000965	0.00000487	0.00342	0.000926	0.0239	0.0105	0.00000539	8.74	0.00000997	0.000353	0.000112	0.000832
2042 Mar	98.7	0.0341	0.11	0.00395	47.5	0.0365	19.6	0.000965	0.000965	0.00000487	0.00342	0.000926	0.0239	0.0105	0.00000539	8.74	0.00000997	0.000353	0.000112	0.000832
2042 Apr	98.7	0.0341	0.11	0.00395	47.5	0.0365	19.6	0.000965	0.000965	0.00000487	0.00342	0.000926	0.0239	0.0105	0.00000539	8.74	0.00000997	0.000353	0.000112	0.000832
2042 May	98.8	0.0341	0.11	0.00395	47.5	0.0365	19.6	0.000966	0.000966	0.00000487	0.00342	0.000927	0.0239	0.0105	0.00000539	8.75	0.00000998	0.000353	0.000112	0.000833
2042 Jun	97.3	0.0336	0.108	0.0039	46.6	0.0363	19.4	0.000966	0.000966	0.00000487	0.00341	0.000913	0.0236	0.0104	0.00000538	8.7	0.00000993	0.000349	0.000111	0.000831
2042 Jul	94.4	0.0325	0.105	0.00379	45	0.0359	18.8	0.000967	0.000967	0.00000487	0.00338	0.000886	0.0228	0.0103	0.00000537	8.62	0.00000977	0.000341	0.000109	0.00083
2042 Aug	91.7	0.0315	0.101	0.00369	43.6	0.0356	18.2	0.000967	0.000967	0.00000488	0.00336	0.000861	0.0222	0.0102	0.00000535	8.55	0.00000959	0.000331	0.000108	0.000827
2042 Sep	89.3	0.0306	0.0974	0.00359	42.2	0.0352	17.7	0.000968	0.000968	0.00000488	0.00335	0.000837	0.0216	0.0101	0.00000534	8.49	0.00000943	0.000319	0.000107	0.000822
2042 Oct	88.1	0.0302	0.0958	0.00354	41.6	0.0351	17.5	0.000969	0.000969	0.00000488	0.00334	0.000825	0.0213	0.0101	0.00000533	8.46	0.00000935	0.000314	0.000107	0.000821
2042 Nov	88.1	0.0302	0.0958	0.00354	41.6	0.0351	17.5	0.000969	0.000969	0.00000488	0.00334	0.000825	0.0213	0.0101	0.00000533	8.46	0.00000935	0.000314	0.000107	0.000821
2042 Dec	88.1	0.0302	0.0958	0.00354	41.6	0.0351	17.5	0.000969	0.000969	0.00000488	0.00334	0.000825	0.0213	0.0101	0.00000533	8.46	0.00000935	0.000314	0.000107	0.000821
2043 Jan	88.1	0.0302	0.0958	0.00354	41.6	0.0351	17.5	0.000969	0.000969	0.00000488	0.00334	0.000825	0.0213	0.0101	0.00000533	8.46	0.00000935	0.000314	0.000107	0.000821
2043 Feb	88.1	0.0302	0.0958	0.00354	41.6	0.0351	17.5	0.000969	0.000969	0.00000488	0.00334	0.000825	0.0213	0.0101	0.00000533	8.46	0.00000935	0.000314	0.000107	0.000821
2043 Mar	88.1	0.0302	0.0958	0.00354	41.6	0.0351	17.5	0.000969	0.000969	0.00000488	0.00334	0.000825	0.0213	0.0101	0.00000533	8.46	0.00000935	0.000314	0.000107	0.000821
2043 Apr	88.2	0.0302	0.0958	0.00354	41.6	0.0351	17.5	0.000969	0.000969	0.00000488	0.00334	0.000825	0.0213	0.0101	0.00000534	8.46	0.00000935	0.000314	0.000107	0.000821
2043 May	88.2	0.0302	0.0959	0.00355	41.6	0.0351	17.5	0.000969	0.000969	0.00000489	0.00334	0.000825	0.0213	0.0101	0.00000534	8.47	0.00000936	0.000314	0.000107	0.000822
2043 Jun	87.2	0.0299	0.0945	0.0035	41	0.0349	17.3	0.000969	0.000969	0.00000488	0.00334	0.000818	0.021	0.0101	0.00000533	8.49	0.00000934	0.000312	0.000108	0.000822
2043 Jul	85.7	0.0293	0.0924	0.00345	40.2	0.0348	17	0.000971	0.000971	0.00000489	0.00332	0.000804	0.0206	0.01	0.00000533	8.44	0.00000924	0.000307	0.000106	0.000822
2043 Aug	85.8	0.0294	0.0925	0.00345	40.2	0.0348	17	0.000972	0.000972	0.0000049	0.00333	0.000804	0.0207	0.0101	0.00000533	8.45	0.00000925	0.000308	0.000107	0.000823
2043 Sep	85.8	0.0294	0.0927	0.00346	40.2	0.0348	17	0.000972	0.000972	0.0000049	0.00333	0.000805	0.0207	0.0101	0.00000534	8.46	0.00000926	0.000309	0.000107	0.000823
2043 Oct	85.9	0.0295	0.0927	0.00346	40.2	0.0348	17	0.000972	0.000972	0.0000049	0.00333	0.000805	0.0207	0.0101	0.00000534	8.46	0.00000927	0.000309	0.000107	0.000823
2043 Nov	85.9	0.0295	0.0927	0.00346	40.2	0.0348	17	0.000972	0.000972	0.0000049	0.00333	0.000806	0.0207	0.0101	0.00000533	8.46	0.00000927	0.000309	0.000107	0.000823

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2043 Dec	85.9	0.0295	0.0927	0.00346	40.2	0.0348	17	0.000972	0.000972	0.0000049	0.00333	0.000806	0.0207	0.0101	0.00000533	8.46	0.00000927	0.000309	0.000107	0.000823
2044 Jan	85.9	0.0295	0.0927	0.00346	40.2	0.0348	17	0.000972	0.000972	0.0000049	0.00333	0.000806	0.0207	0.0101	0.00000533	8.46	0.00000927	0.000309	0.000107	0.000823
2044 Feb	85.9	0.0295	0.0927	0.00346	40.2	0.0348	17	0.000972	0.000972	0.0000049	0.00333	0.000806	0.0207	0.0101	0.00000533	8.46	0.00000927	0.000309	0.000107	0.000823
2044 Mar	85.9	0.0295	0.0927	0.00346	40.2	0.0348	17	0.000972	0.000972	0.0000049	0.00333	0.000806	0.0207	0.0101	0.00000533	8.47	0.00000927	0.000309	0.000107	0.000823
2044 Apr	85.9	0.0295	0.0927	0.00346	40.2	0.0348	17	0.000972	0.000972	0.0000049	0.00333	0.000806	0.0207	0.0101	0.00000534	8.47	0.00000927	0.000309	0.000107	0.000823
2044 May	85.9	0.0295	0.0928	0.00346	40.3	0.0349	17	0.000972	0.000972	0.0000049	0.00333	0.000806	0.0207	0.0101	0.00000534	8.47	0.00000928	0.000309	0.000107	0.000824
2044 Jun	85.9	0.0296	0.0929	0.00346	40.2	0.0348	17.1	0.000971	0.000971	0.00000489	0.00334	0.000807	0.0208	0.0101	0.00000533	8.47	0.00000932	0.00031	0.000107	0.000822
2044 Jul	86	0.0296	0.0931	0.00347	40.2	0.0349	17.1	0.000972	0.000972	0.00000489	0.00335	0.000808	0.0209	0.0101	0.00000534	8.48	0.00000935	0.000311	0.000107	0.000823
2044 Aug	86.1	0.0297	0.0933	0.00348	40.3	0.0349	17.2	0.000973	0.000973	0.0000049	0.00335	0.000809	0.0209	0.0101	0.00000534	8.5	0.00000937	0.000312	0.000107	0.000824
2044 Sep	86.2	0.0298	0.0935	0.00348	40.3	0.035	17.2	0.000972	0.000972	0.0000049	0.00336	0.00081	0.021	0.0101	0.00000534	8.5	0.00000938	0.000312	0.000107	0.000824
2044 Oct	86.2	0.0298	0.0936	0.00348	40.3	0.035	17.2	0.000972	0.000972	0.0000049	0.00336	0.00081	0.021	0.0101	0.00000534	8.5	0.00000938	0.000313	0.000107	0.000824
2044 Nov	86.2	0.0298	0.0936	0.00348	40.3	0.035	17.2	0.000972	0.000972	0.0000049	0.00336	0.00081	0.021	0.0101	0.00000534	8.5	0.00000938	0.000313	0.000107	0.000824
2044 Dec	86.2	0.0298	0.0936	0.00348	40.3	0.035	17.2	0.000972	0.000972	0.0000049	0.00336	0.00081	0.021	0.0101	0.00000534	8.5	0.00000938	0.000313	0.000107	0.000824
2045 Jan	86.2	0.0298	0.0936	0.00348	40.3	0.035	17.2	0.000972	0.000972	0.0000049	0.00336	0.00081	0.021	0.0101	0.00000534	8.5	0.00000938	0.000313	0.000107	0.000824
2045 Feb	86.2	0.0298	0.0936	0.00348	40.3	0.035	17.2	0.000972	0.000972	0.0000049	0.00336	0.00081	0.021	0.0101	0.00000534	8.5	0.00000938	0.000313	0.000107	0.000824
2045 Mar	86.2	0.0298	0.0936	0.00348	40.3	0.035	17.2	0.000972	0.000972	0.0000049	0.00336	0.00081	0.021	0.0101	0.00000534	8.5	0.00000938	0.000313	0.000107	0.000824
2045 Apr	86.2	0.0298	0.0936	0.00348	40.3	0.035	17.2	0.000972	0.000972	0.0000049	0.00336	0.00081	0.021	0.0101	0.00000534	8.5	0.00000938	0.000313	0.000107	0.000824
2045 May	86.3	0.0298	0.0936	0.00348	40.3	0.035	17.2	0.000973	0.000973	0.0000049	0.00336	0.00081	0.021	0.0101	0.00000534	8.51	0.00000939	0.000313	0.000107	0.000825
2045 Jun	86.2	0.0298	0.0937	0.00348	40.2	0.035	17.2	0.000972	0.000972	0.0000049	0.00337	0.000811	0.021	0.0101	0.00000534	8.51	0.00000943	0.000313	0.000107	0.000824
2045 Jul	86.3	0.0299	0.0939	0.00349	40.3	0.035	17.3	0.000972	0.000972	0.0000049	0.00337	0.000812	0.0211	0.0101	0.00000535	8.52	0.00000946	0.000314	0.000107	0.000824
2045 Aug	86.5	0.0299	0.0941	0.0035	40.3	0.035	17.3	0.000973	0.000973	0.0000049	0.00338	0.000813	0.0211	0.0102	0.00000535	8.53	0.00000947	0.000315	0.000107	0.000825
2045 Sep	86.5	0.03	0.0942	0.0035	40.3	0.0351	17.3	0.000973	0.000973	0.0000049	0.00338	0.000814	0.0212	0.0102	0.00000535	8.53	0.00000948	0.000315	0.000107	0.000825
2045 Oct	86.6	0.03	0.0943	0.0035	40.4	0.0351	17.4	0.000973	0.000973	0.0000049	0.00338	0.000814	0.0212	0.0102	0.00000535	8.54	0.00000948	0.000316	0.000107	0.000825
2045 Nov	86.6	0.03	0.0943	0.0035	40.4	0.0351	17.4	0.000974	0.000974	0.00000491	0.00338	0.000814	0.0212	0.0102	0.00000535	8.54	0.00000949	0.000316	0.000107	0.000826
2045 Dec	86.6	0.03	0.0943	0.0035	40.4	0.0351	17.4	0.000974	0.000974	0.00000491	0.00338	0.000814	0.0212	0.0102	0.00000535	8.54	0.00000949	0.000316	0.000107	0.000826
2046 Jan	86.6	0.03	0.0943	0.0035	40.4	0.0351	17.4	0.000974	0.000974	0.00000491	0.00338	0.000814	0.0212	0.0102	0.00000535	8.54	0.00000949	0.000316	0.000107	0.000826
2046 Feb	86.6	0.03	0.0943	0.0035	40.4	0.0351	17.4	0.000974	0.000974	0.00000491	0.00338	0.000814	0.0212	0.0102	0.00000535	8.54	0.00000949	0.000316	0.000107	0.000826
2046 Mar	86.6	0.03	0.0943	0.0035	40.4	0.0351	17.4	0.000974	0.000974	0.00000491	0.00338	0.000814	0.0212	0.0102	0.00000535	8.54	0.00000949	0.000316	0.000107	0.000826
2046 Apr	86.6	0.03	0.0943	0.0035	40.4	0.0351	17.4	0.000974	0.000974	0.00000491	0.00338	0.000814	0.0212	0.0102	0.00000535	8.54	0.00000949	0.000316	0.000107	0.000826
2046 May	86.6	0.03	0.0943	0.0035	40.4	0.0351	17.4	0.000974	0.000974	0.00000491	0.00338	0.000815	0.0212	0.0102	0.00000536	8.54	0.00000949	0.000316	0.000107	0.000826
2046 Jun	86.5	0.03	0.0943	0.0035	40.3	0.0351	17.4	0.000973	0.000973	0.0000049	0.0034	0.000815	0.0212	0.0102	0.00000535	8.54	0.00000955	0.000316	0.000107	0.000825
2046 Jul	86.5	0.0301	0.0945	0.00351	40.2	0.0351	17.4	0.000972	0.000972	0.0000049	0.0034	0.000816	0.0213	0.0102	0.00000535	8.55	0.00000959	0.000318	0.000107	0.000824
2046 Aug	86.7	0.0301	0.0948	0.00352	40.3	0.0351	17.5	0.000973	0.000973	0.0000049	0.00341	0.000817	0.0213	0.0102	0.00000535	8.56	0.0000096	0.000318	0.000108	0.000825
2046 Sep	86.8	0.0302	0.0949	0.00352	40.3	0.0351	17.5	0.000972	0.000972	0.0000049	0.00341	0.000818	0.0214	0.0102	0.00000535	8.56	0.00000961	0.000319	0.000108	0.000825
2046 Oct	86.8	0.0303	0.095	0.00352	40.3	0.0351	17.5	0.000972	0.000972	0.0000049	0.00341	0.000818	0.0214	0.0102	0.00000535	8.56	0.00000961	0.000319	0.000108	0.000825
2046 Nov	86.8	0.0303	0.095	0.00352	40.3	0.0351	17.5	0.000972	0.000972	0.0000049	0.00341	0.000818	0.0214	0.0102	0.00000535	8.56	0.00000962	0.000319	0.000108	0.000825
2046 Dec	86.8	0.0303	0.095	0.00352	40.3	0.0351	17.5	0.000972	0.000972	0.0000049	0.00341	0.000818	0.0214	0.0102	0.00000535	8.56	0.00000962	0.000319	0.000108	0.000825
2047 Jan	86.8	0.0303	0.095	0.00352	40.3	0.0351	17.5	0.000972	0.000972	0.0000049	0.00341	0.000818	0.0214	0.0102	0.00000535	8.56	0.00000962	0.000319	0.000108	0.000825
2047 Feb	86.8	0.0303	0.095	0.00352	40.3	0.0351	17.5	0.000972	0.000972	0.0000049	0.00341	0.000818	0.0214	0.0102	0.00000535	8.56	0.00000962	0.000319	0.000108	0.000825
2047 Mar	86.8	0.0303	0.095	0.00352	40.3	0.0351	17.5	0.000972	0.000972	0.0000049	0.00341	0.000818	0.0214	0.0102	0.00000535	8.56	0.00000962	0.000319	0.000108	0.000825
2047 Apr	86.8	0.0303	0.095	0.00352	40.3	0.0352	17.5	0.000972	0.000972	0.0000049	0.00341	0.000818	0.0214	0.0102	0.00000535	8.56	0.00000962	0.000319	0.000108	0.000825
2047 May	86.8	0.0303	0.0951	0.00352	40.3	0.0352	17.5	0.000972	0.000972	0.0000049	0.00341	0.000819	0.0214	0.0102	0.00000535	8.58	0.00000963	0.00032	0.000108	0.000825
2047 Jun	86.9	0.0305	0.0952	0.00352	40.3	0.0351	17.6	0.000971	0.000971	0.0000049	0.00342	0.000822	0.0215	0.0103	0.00000535	8.65	0.00000967	0.000321	0.00011	0.000826
2047 Jul	87.1	0.0306	0.0954	0.00353	40.3	0.0352	17.6	0.000973	0.000973	0.0000049	0.00343	0.000824	0.0215	0.0103	0.00000536	8.66	0.00000969	0.000322	0.00011	0.000827
2047 Aug	87.2	0.0306	0.0956	0.00354	40.4	0.0352	17.6	0.000974	0.000974	0.00000491	0.00343	0.000825	0.0216	0.0103	0.00000536	8.68	0.00000971	0.000323	0.00011	0.000828
2047 Sep	87.3	0.0307	0.0958	0.00354	40.4	0.0353	17.7	0.000974	0.000974	0.00000491	0.00343	0.000825	0.0216	0.0103	0.00000536	8.68	0.00000972	0.000323	0.00011	0.000828
2047 Oct	87.3	0.0307	0.0959	0.00355	40.4	0.0353	17.7	0.000973	0.000973	0.0000049	0.00343	0.000826	0.0216	0.0104	0.00000536	8.68	0.00000972	0.000324	0.00011	0.000828
2047 Nov	87.3	0.0307	0.0959	0.00355	40.4	0.0353	17.7	0.000973	0.000973	0.0000049	0.00343	0.000826	0.0216	0.0104	0.00000536	8.68	0.00000972	0.000324	0.00011	0.000828
2047 Dec	87.3	0.0307	0.0959	0.00355	40.4	0.0353	17.7	0.000973	0.000973	0.0000049	0.00343	0.000826	0.0216	0.0104	0.00000536	8.68	0.00000972	0.000324	0.00011	0.000828
2048 Jan	87.3	0.0307	0.0959	0.00355	40.4	0.0353	17.7	0.000973	0.000973	0.0000049	0.00343	0.000826	0.0216	0.0104	0.00000536	8.68	0.00000972	0.000324	0.00011	0.000828
2048 Feb	87.3	0.0307	0.0959	0.00355	40.4	0.0353	17.7	0.000973	0.000973	0.0000049	0.00343	0.000826	0.0216	0.0104	0.00000536	8.68	0.00000972	0.000324	0.00011	0.000828
2048 Mar	87.3	0.0307	0.0959	0.00355	40.4	0.0353	17.7	0.000973	0.000973	0.0000049	0.00343	0.000826	0.0216	0.0104	0.00000536	8.68	0.00000972	0.000324	0.00011	0.000828
2048 Apr	87.3	0.0308	0.0959	0.00355	40.4	0.0353	17.7	0.000973	0.000973	0.0000049	0.00343	0.000826	0.0216	0.0104	0.00000536	8.68	0.00000973	0.000324	0.00011	0.000828
2048 May	87.4	0.0308	0.0959	0.00355	40.4	0.0353	17.7	0.000974	0.000974	0.00000491	0.00344	0.000826	0.0216	0.0104	0.00000537	8.69	0.00000973	0.000324	0.00011	0.000829
2048 Jun	87.3	0.0308	0.0959	0.00355	40.4	0.0353	17.7	0.000972	0.000972	0.0000049	0.00345	0.000827	0.0217	0.0104	0.00000536	8.69	0.00000978	0.000324	0.00011	0.000827
2048 Jul	87.3	0.0308	0.0961	0.00355	40.3	0.0353	17.8	0.000972	0.000972	0.0000049	0.00346	0.000827	0.0217	0.0104	0.00000536	8.69	0.00000982	0.000325	0.00011	0.000827
2048 Aug	87.5	0.0309	0.0964	0.00356	40.4	0.0353	17.8	0.000972	0.000972	0.0000049	0.00346	0.000829	0.0218	0.0104	0.00000536	8.7	0.00000984	0.000326	0.00011	0.000827
2048 Sep	87.5	0.0309	0.0965	0.00356	40.4	0.0353	17.8	0.000972	0.000972	0.0000049	0.00346	0.000829	0.0218	0.0104	0.00000536	8.71	0.00000985	0.000327	0.00011	0.000828
2048 Oct	87.6	0.031	0.0966	0.00357	40.4	0.0353	17.9	0.000972	0.000972	0.0000049	0.00346	0.000829	0.0219	0.0104	0.00000536	8.71	0.00000985	0.000327	0.00011	0.000827
2048 Nov	87.6	0.031	0.0966	0.00357	40.4	0.0353	17.9	0.000972	0.000972	0.0000049	0.00346	0.000829	0.0219	0.0104	0.00000536	8.71	0.00000985	0.000327	0.00011	0.000828
2048 Dec	87.6	0.031	0.0966	0.00357	40.4	0.0353	17.9	0.000972	0.000972	0.0000049	0.00346	0.000829	0.0219	0.0104	0.00000536	8.71	0.00000985	0.000327	0.00011	0.000828
2049 Jan	87.6	0.031	0.0966	0.00357	40.4	0.0353	17.9	0.000972	0.000972	0.0000049	0.00346	0.000829	0.0219	0.0104	0.00000536	8.71	0.00000985	0.000327	0.00011	0.000828
2049 Feb	87.6	0.031	0.0966	0.00357	40.4	0.0353	17.9	0.000972	0.000972	0.0000049	0.00346	0.00083	0.0219	0.0104	0.00000536	8.71	0.00000985	0.000327	0.00011	0.000828
2049 Mar	87.6	0.031	0.0966	0.00357	40.4	0.0353	17.9	0.000972	0.000972	0.0000049	0.00346	0.00083	0.0219	0.0104	0.00000536	8.71	0.00000985	0.000327	0.00011	0.000828
2049 Apr	87.6	0.031	0.0966	0.00357	40.4	0.0354	17.9	0.000972	0.000972	0.0000049	0.00346	0.00083	0.0219	0.0104	0.00000536	8.71	0.00000985	0.000327	0.00011	0.000828
2049 May	87.6	0.031	0.0967	0.00357	40.4	0.0354	17.9	0.000973	0.000973	0.0000049	0.00346	0.00083	0.0219	0.0104	0.00000537	8.72	0.00000986	0.000327	0.00011	0.000828
2049 Jun	87.5	0.031	0.0967	0.00357	40.3	0.0353	17.9	0.000971	0.000971	0.0000049	0.00348	0.00083	0.0219	0.0104	0.00000536	8.72	0.00000991	0.000328	0.00011	0.000827
2049 Jul	87.6	0.0311	0.0969	0.00357	40.3	0.0353	17.9	0.000971	0.000971	0.00000489	0.00348	0.000831	0.022	0.0104	0.00000536	8.72	0.00000994	0.000329	0.00011	0.000826
2049 Aug	87.8	0.0311	0.0971	0.00358	40.4	0.0354	18	0.000972	0.000972	0.0000049	0.00349	0.000833	0.022	0.0104	0.00000537	8.73	0.00000996	0.00033	0.00011	0.000828
2049 Sep	87.8	0.0312	0.0973	0.00359	40.4	0.0354	18	0.000972	0.000972	0.0000049	0.00349	0.000833	0.0221	0.0104	0.00000537	8.74	0.00000997	0.00033	0.00011	0.000828
2049 Oct	87.9	0.0312	0.0974	0.00359	40.4	0.0354	18	0.000972	0.000972	0.0000049	0.00349	0.000834	0.0221	0.0104	0.00000537	8.74	0.00000997	0.000331	0.00011	0.000828
2049 Nov	87.9	0.0313	0.0974	0.00359	40.4	0.0354	18	0.000972	0.000972	0.0000049	0.00349	0.000834	0.0221	0.0104	0.00000537	8.74	0.00000997	0.000331	0.00011	0.000828
2049 Dec	87.9	0.0313	0.0974	0.00359	40.4	0.0354	18	0.000972	0.000972	0.0000049	0.00349	0.000834	0.0221	0.0104	0.00000537	8.74	0.00000998	0.000331	0.00011	0.000828
2050 Jan	87.9	0.0313	0.0974	0.00359	40.4	0.0354	18	0.000972	0.000972	0.0000049	0.00349	0.000834	0.0221	0.0104	0.00000537	8.74	0.00000998	0.000331	0.00011	0.000828
2050 Feb	87.9	0.0313	0.0974	0.00359	40.4	0.0354	18	0.000972	0.000972	0.0000049	0.00349	0.000834	0.0221	0.0104	0.00000537	8.74	0.00000998	0.000331	0.00011	0.000828
2050 Mar	87.9	0.0313	0.0974	0.00359	40.4	0.0354	18	0.000972	0.000972	0.0000049	0.00349	0.000834	0.0221	0.0104	0.00000537	8.74	0.00000998	0.000331	0.00011	0.000828
2050 Apr	87.9	0.0313	0.0974	0.00359	40.4	0.0354	18	0.000972	0.000972	0.0000049	0.00349	0.000834	0.0221	0.0104	0.00000537	8.74	0.00000998	0.000331	0.00011	0.000828

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2050 May	87.9	0.0313	0.0975	0.00359	40.4	0.0355	18	0.000972	0.000972	0.0000049	0.00349	0.000834	0.0221	0.0104	0.00000537	8.75	0.00000998	0.000331	0.000111	0.000828
2050 Jun	87.9	0.0313	0.0975	0.00359	40.4	0.0354	18	0.000971	0.000971	0.0000049	0.0035	0.000835	0.0221	0.0104	0.00000537	8.75	0.00001	0.000332	0.000111	0.000827
2050 Jul	87.9	0.0314	0.0978	0.0036	40.4	0.0355	18.1	0.000971	0.000971	0.00000489	0.0035	0.000835	0.0222	0.0105	0.00000537	8.75	0.00001	0.000333	0.000111	0.000827
2050 Aug	88.1	0.0314	0.098	0.0036	40.4	0.0355	18.1	0.000972	0.000972	0.0000049	0.00351	0.000836	0.0223	0.0105	0.00000537	8.76	0.0000101	0.000333	0.000111	0.000828
2050 Sep	88.2	0.0315	0.0981	0.00361	40.4	0.0355	18.2	0.000972	0.000972	0.0000049	0.00351	0.000837	0.0223	0.0105	0.00000537	8.77	0.0000101	0.000334	0.000111	0.000828
2050 Oct	88.2	0.0315	0.0982	0.00361	40.5	0.0355	18.2	0.000972	0.000972	0.0000049	0.00351	0.000837	0.0223	0.0105	0.00000537	8.77	0.0000101	0.000334	0.000111	0.000828
2050 Nov	88.2	0.0315	0.0982	0.00361	40.5	0.0355	18.2	0.000972	0.000972	0.0000049	0.00351	0.000837	0.0223	0.0105	0.00000537	8.77	0.0000101	0.000334	0.000111	0.000828
2050 Dec	88.2	0.0315	0.0982	0.00361	40.5	0.0355	18.2	0.000972	0.000972	0.0000049	0.00351	0.000837	0.0223	0.0105	0.00000537	8.77	0.0000101	0.000334	0.000111	0.000828
2051 Jan	88.2	0.0315	0.0982	0.00361	40.5	0.0355	18.2	0.000972	0.000972	0.0000049	0.00351	0.000837	0.0223	0.0105	0.00000537	8.77	0.0000101	0.000334	0.000111	0.000828
2051 Feb	88.2	0.0315	0.0982	0.00361	40.5	0.0355	18.2	0.000972	0.000972	0.0000049	0.00351	0.000837	0.0223	0.0105	0.00000537	8.77	0.0000101	0.000334	0.000111	0.000828
2051 Mar	88.2	0.0315	0.0982	0.00361	40.5	0.0355	18.2	0.000972	0.000972	0.0000049	0.00351	0.000837	0.0223	0.0105	0.00000537	8.77	0.0000101	0.000334	0.000111	0.000828
2051 Apr	88.2	0.0315	0.0982	0.00361	40.5	0.0355	18.2	0.000972	0.000972	0.0000049	0.00351	0.000838	0.0223	0.0105	0.00000537	8.77	0.0000101	0.000334	0.000111	0.000828
2051 May	88.2	0.0315	0.0982	0.00361	40.5	0.0356	18.2	0.000972	0.000972	0.0000049	0.00351	0.000838	0.0223	0.0105	0.00000538	8.78	0.0000101	0.000334	0.000111	0.000829
2051 Jun	88.2	0.0316	0.0982	0.00361	40.4	0.0355	18.2	0.000971	0.000971	0.00000489	0.00353	0.00084	0.0224	0.0105	0.00000537	8.82	0.0000101	0.000335	0.000112	0.000828
2051 Jul	88.3	0.0317	0.0985	0.00362	40.4	0.0355	18.3	0.000971	0.000971	0.00000489	0.00353	0.000841	0.0224	0.0106	0.00000537	8.83	0.0000102	0.000337	0.000112	0.000828
2051 Aug	88.4	0.0317	0.0988	0.00362	40.4	0.0356	18.3	0.000971	0.000971	0.00000489	0.00353	0.000842	0.0225	0.0106	0.00000537	8.84	0.0000102	0.000337	0.000112	0.000829
2051 Sep	88.5	0.0318	0.0989	0.00363	40.4	0.0356	18.3	0.000971	0.000971	0.00000489	0.00354	0.000843	0.0225	0.0106	0.00000537	8.84	0.0000102	0.000338	0.000112	0.000829
2051 Oct	88.5	0.032	0.099	0.00363	40.4	0.0356	18.4	0.000969	0.000969	0.00000489	0.00354	0.000843	0.0226	0.0106	0.00000537	8.84	0.0000102	0.000339	0.000112	0.000828
2051 Nov	88.5	0.032	0.099	0.00363	40.4	0.0356	18.4	0.000969	0.000969	0.00000489	0.00354	0.000843	0.0226	0.0106	0.00000537	8.84	0.0000102	0.000339	0.000112	0.000828
2051 Dec	88.5	0.032	0.099	0.00363	40.4	0.0356	18.4	0.000969	0.000969	0.00000489	0.00354	0.000843	0.0226	0.0106	0.00000537	8.84	0.0000102	0.000339	0.000112	0.000828
2052 Jan	88.5	0.032	0.099	0.00363	40.4	0.0356	18.4	0.000969	0.000969	0.00000489	0.00354	0.000843	0.0226	0.0106	0.00000537	8.85	0.0000102	0.000339	0.000112	0.000828
2052 Feb	88.5	0.032	0.099	0.00363	40.4	0.0356	18.4	0.000969	0.000969	0.00000489	0.00354	0.000843	0.0226	0.0106	0.00000537	8.85	0.0000102	0.000339	0.000112	0.000828
2052 Mar	88.5	0.032	0.099	0.00363	40.4	0.0356	18.4	0.00097	0.00097	0.00000489	0.00354	0.000843	0.0226	0.0106	0.00000537	8.85	0.0000102	0.000339	0.000112	0.000828
2052 Apr	88.5	0.032	0.099	0.00363	40.4	0.0356	18.4	0.00097	0.00097	0.00000489	0.00354	0.000843	0.0226	0.0106	0.00000537	8.85	0.0000102	0.000339	0.000112	0.000828
2052 May	88.5	0.032	0.0991	0.00363	40.4	0.0356	18.4	0.00097	0.00097	0.00000489	0.00354	0.000844	0.0226	0.0106	0.00000537	8.85	0.0000102	0.000339	0.000112	0.000829
2052 Jun	88.6	0.0321	0.0992	0.00364	40.4	0.0356	18.4	0.00097	0.00097	0.00000489	0.00355	0.000845	0.0226	0.0106	0.00000537	8.87	0.0000102	0.00034	0.000112	0.000829
2052 Jul	88.7	0.0321	0.0995	0.00364	40.5	0.0357	18.5	0.00097	0.00097	0.00000489	0.00355	0.000846	0.0227	0.0106	0.00000537	8.88	0.0000103	0.000341	0.000113	0.000829
2052 Aug	88.9	0.0322	0.0997	0.00365	40.5	0.0357	18.5	0.000971	0.000971	0.00000489	0.00356	0.000847	0.0227	0.0106	0.00000538	8.89	0.0000103	0.000341	0.000113	0.00083
2052 Sep	88.9	0.0323	0.0999	0.00365	40.5	0.0358	18.5	0.00097	0.00097	0.00000489	0.00356	0.000848	0.0228	0.0106	0.00000538	8.89	0.0000103	0.000342	0.000113	0.00083
2052 Oct	89	0.0323	0.0999	0.00366	40.5	0.0358	18.5	0.00097	0.00097	0.00000489	0.00356	0.000848	0.0228	0.0106	0.00000538	8.89	0.0000103	0.000342	0.000113	0.00083
2052 Nov	89	0.0323	0.0999	0.00366	40.5	0.0358	18.5	0.000971	0.000971	0.00000489	0.00356	0.000848	0.0228	0.0106	0.00000538	8.9	0.0000103	0.000342	0.000113	0.00083
2052 Dec	89	0.0323	0.0999	0.00366	40.5	0.0358	18.5	0.000971	0.000971	0.00000489	0.00356	0.000848	0.0228	0.0106	0.00000538	8.9	0.0000103	0.000342	0.000113	0.00083
2053 Jan	89	0.0323	0.0999	0.00366	40.5	0.0358	18.5	0.000971	0.000971	0.00000489	0.00356	0.000848	0.0228	0.0106	0.00000538	8.9	0.0000103	0.000342	0.000113	0.00083
2053 Feb	89	0.0323	0.0999	0.00366	40.5	0.0358	18.5	0.000971	0.000971	0.00000489	0.00356	0.000848	0.0228	0.0106	0.00000538	8.9	0.0000103	0.000342	0.000113	0.00083
2053 Mar	89	0.0323	0.0999	0.00366	40.5	0.0358	18.5	0.000971	0.000971	0.00000489	0.00356	0.000848	0.0228	0.0106	0.00000538	8.9	0.0000103	0.000342	0.000113	0.00083
2053 Apr	89	0.0323	0.1	0.00366	40.6	0.0358	18.6	0.000971	0.000971	0.00000489	0.00356	0.000848	0.0228	0.0106	0.00000538	8.9	0.0000103	0.000342	0.000113	0.000831
2053 May	89	0.0323	0.1	0.00366	40.6	0.0358	18.6	0.000971	0.000971	0.0000049	0.00356	0.000849	0.0228	0.0107	0.00000538	8.92	0.0000103	0.000343	0.000113	0.000831
2053 Jun	89.1	0.0325	0.1	0.00366	40.5	0.0358	18.6	0.000969	0.000969	0.00000489	0.00357	0.000852	0.0229	0.0107	0.00000538	8.97	0.0000103	0.000344	0.000114	0.000831
2053 Jul	89.2	0.0326	0.1	0.00367	40.6	0.0358	18.6	0.00097	0.00097	0.00000489	0.00357	0.000853	0.0229	0.0107	0.00000538	8.98	0.0000104	0.000345	0.000114	0.000832
2053 Aug	89.4	0.0326	0.101	0.00367	40.6	0.0359	18.7	0.000971	0.000971	0.0000049	0.00358	0.000854	0.023	0.0108	0.00000539	8.99	0.0000104	0.000346	0.000115	0.000833
2053 Sep	89.5	0.0327	0.101	0.00368	40.7	0.0359	18.7	0.000972	0.000972	0.0000049	0.00358	0.000855	0.023	0.0108	0.00000539	9	0.0000104	0.000346	0.000115	0.000834
2053 Oct	89.5	0.0327	0.101	0.00368	40.7	0.0359	18.7	0.000972	0.000972	0.0000049	0.00358	0.000855	0.023	0.0108	0.00000539	9	0.0000104	0.000346	0.000115	0.000834
2053 Nov	89.5	0.0327	0.101	0.00368	40.7	0.0359	18.7	0.000972	0.000972	0.0000049	0.00358	0.000855	0.023	0.0108	0.00000539	9	0.0000104	0.000346	0.000115	0.000834
2053 Dec	89.5	0.0327	0.101	0.00368	40.7	0.0359	18.7	0.000972	0.000972	0.0000049	0.00358	0.000855	0.023	0.0108	0.00000539	9	0.0000104	0.000346	0.000115	0.000834
2054 Jan	89.5	0.0327	0.101	0.00368	40.7	0.0359	18.7	0.000972	0.000972	0.0000049	0.00358	0.000855	0.023	0.0108	0.00000539	9	0.0000104	0.000347	0.000115	0.000834
2054 Feb	89.5	0.0327	0.101	0.00368	40.7	0.0359	18.7	0.000972	0.000972	0.0000049	0.00358	0.000856	0.023	0.0108	0.00000539	9	0.0000104	0.000347	0.000115	0.000834
2054 Mar	89.5	0.0327	0.101	0.00368	40.7	0.0359	18.7	0.000972	0.000972	0.0000049	0.00358	0.000856	0.023	0.0108	0.00000539	9	0.0000104	0.000347	0.000115	0.000834
2054 Apr	89.5	0.0327	0.101	0.00368	40.7	0.0359	18.7	0.000972	0.000972	0.0000049	0.00358	0.000856	0.023	0.0108	0.00000539	9	0.0000104	0.000347	0.000115	0.000834
2054 May	89.6	0.0327	0.101	0.00368	40.7	0.0359	18.7	0.000972	0.000972	0.0000049	0.00359	0.000856	0.023	0.0108	0.0000054	9.01	0.0000104	0.000347	0.000115	0.000834
2054 Jun	89.6	0.0328	0.101	0.00368	40.6	0.0359	18.8	0.000971	0.000971	0.0000049	0.00359	0.000858	0.0231	0.0108	0.00000539	9.04	0.0000104	0.000348	0.000116	0.000834
2054 Jul	89.7	0.0329	0.101	0.00369	40.7	0.0359	18.8	0.000971	0.000971	0.0000049	0.0036	0.000859	0.0231	0.0108	0.00000539	9.05	0.0000105	0.000349	0.000116	0.000834
2054 Aug	89.8	0.033	0.101	0.0037	40.7	0.036	18.9	0.000971	0.000971	0.0000049	0.0036	0.00086	0.0232	0.0109	0.00000539	9.06	0.0000105	0.00035	0.000116	0.000834
2054 Sep	89.9	0.033	0.102	0.0037	40.7	0.036	18.9	0.000971	0.000971	0.0000049	0.0036	0.00086	0.0232	0.0109	0.00000539	9.06	0.0000105	0.00035	0.000116	0.000835
2054 Oct	89.9	0.033	0.102	0.00371	40.7	0.036	18.9	0.000971	0.000971	0.0000049	0.0036	0.000861	0.0233	0.0109	0.00000539	9.06	0.0000105	0.000351	0.000116	0.000835
2054 Nov	89.9	0.0331	0.102	0.00371	40.7	0.036	18.9	0.000971	0.000971	0.0000049	0.0036	0.000861	0.0233	0.0109	0.00000539	9.06	0.0000105	0.000351	0.000116	0.000835
2054 Dec	89.9	0.0331	0.102	0.00371	40.7	0.036	18.9	0.000971	0.000971	0.0000049	0.0036	0.000861	0.0233	0.0109	0.00000539	9.06	0.0000105	0.000351	0.000116	0.000835
2055 Jan	89.9	0.0331	0.102	0.00371	40.7	0.036	18.9	0.000971	0.000971	0.0000049	0.0036	0.000861	0.0233	0.0109	0.00000539	9.07	0.0000105	0.000351	0.000116	0.000835
2055 Feb	89.9	0.0331	0.102	0.00371	40.7	0.036	18.9	0.000971	0.000971	0.0000049	0.0036	0.000861	0.0233	0.0109	0.00000539	9.07	0.0000105	0.000351	0.000116	0.000835
2055 Mar	89.9	0.0331	0.102	0.00371	40.7	0.036	18.9	0.000971	0.000971	0.0000049	0.0036	0.000861	0.0233	0.0109	0.00000539	9.07	0.0000105	0.000351	0.000116	0.000835
2055 Apr	89.9	0.0331	0.102	0.00371	40.7	0.036	18.9	0.000971	0.000971	0.0000049	0.0036	0.000861	0.0233	0.0109	0.00000539	9.07	0.0000105	0.000351	0.000116	0.000835
2055 May	90	0.0331	0.102	0.00371	40.8	0.036	18.9	0.000971	0.000971	0.0000049	0.0036	0.000861	0.0233	0.0109	0.0000054	9.07	0.0000105	0.000351	0.000116	0.000835
2055 Jun	89.9	0.0331	0.102	0.0037	40.6	0.036	18.9	0.00097	0.00097	0.00000489	0.00361	0.000861	0.0233	0.0109	0.00000539	9.07	0.0000105	0.000351	0.000116	0.000834
2055 Jul	89.9	0.0331	0.102	0.00371	40.7	0.036	19	0.00097	0.00097	0.00000489	0.00362	0.000862	0.0234	0.0109	0.00000539	9.08	0.0000106	0.000352	0.000116	0.000834
2055 Aug	90.1	0.0332	0.102	0.00372	40.7	0.036	19	0.000971	0.000971	0.0000049	0.00362	0.000864	0.0234	0.0109	0.0000054	9.09	0.0000106	0.000353	0.000116	0.000835
2055 Sep	90.2	0.0332	0.102	0.00372	40.7	0.0361	19	0.000971	0.000971	0.0000049	0.00363	0.000864	0.0235	0.0109	0.0000054	9.09	0.0000106	0.000354	0.000116	0.000835
2055 Oct	90.2	0.0332	0.102	0.00372	40.7	0.0361	19.1	0.000971	0.000971	0.0000049	0.00363	0.000864	0.0235	0.0109	0.0000054	9.09	0.0000106	0.000354	0.000116	0.000835
2055 Nov	90.2	0.0333	0.102	0.00372	40.7	0.0361	19.1	0.000971	0.000971	0.0000049	0.00363	0.000864	0.0235	0.0109	0.0000054	9.09	0.0000106	0.000354	0.000116	0.000835
2055 Dec	90.2	0.0333	0.102	0.00372	40.7	0.0361	19.1	0.000971	0.000971	0.0000049	0.00363	0.000864	0.0235	0.0109	0.0000054	9.09	0.0000106	0.000354	0.000116	0.000835
2056 Jan	90.2	0.0333	0.102	0.00372	40.7	0.0361	19.1	0.000971	0.000971	0.0000049	0.00363	0.000865	0.0235	0.0109	0.0000054	9.09	0.0000106	0.000354	0.000116	0.000835
2056 Feb	90.2	0.0333	0.102	0.00372	40.7	0.0361	19.1	0.000971	0.000971	0.0000049	0.00363	0.000865	0.0235	0.0109	0.0000054	9.09	0.0000106	0.000354	0.000116	0.000835
2056 Mar	90.2	0.0333	0.102	0.00372	40.7	0.0361	19.1	0.000971	0.000971	0.0000049	0.00363	0.000865	0.0235	0.0109	0.0000054	9.09	0.0000106	0.000354	0.000116	0.000835
2056 Apr	90.2	0.0333	0.102	0.00373	40.8	0.0361	19.1	0.000971	0.000971	0.0000049	0.00363	0.000865	0.0235	0.0109	0.0000054	9.1	0.0000106	0.000354	0.000116	0.000835
2056 May	90.3	0.0333	0.102	0.00373	40.8	0.0361	19.1	0.000972	0.000972	0.0000049	0.00363	0.000866	0.0235	0.0109	0.0000054	9.11	0.0000106	0.000354	0.000117	0.000836
2056 Jun	90.3	0.0335	0.103	0.00373	40.7	0.0361	19.1	0.00097	0.00097	0.00000489	0.00364	0.000868	0.0235	0.011	0.0000054	9.18	0.0000107	0.000356	0.000118	0.000836
2056 Jul	90.5	0.0335	0.103	0.00373	40.8	0.0361	19.2	0.000971	0.000971	0.0000049	0.00364	0.00087	0.0236	0.011	0.0000054	9.19	0.0000107	0.000356	0.000118	0.000837
2056 Aug	90.6	0.0336	0.103	0.00374	40.8	0.0362	19.2	0.000972	0.000972	0.0000049	0.00365	0.000871	0.0236	0.011	0.00000541	9.2	0.0000107	0.000357	0.000118	0.000838
2056 Sep	90.7	0.0337	0.103	0.00375	40.9	0.0362	19.2	0.000972	0.000972	0.0000049	0.00365	0.000872	0.0237	0.0111	0.00000541	9.21	0.0000107	0.000358	0.000118	0.000838

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2056 Oct	90.8	0.0337	0.103	0.00375	40.9	0.0362	19.2	0.000972	0.000972	0.0000049	0.00365	0.000872	0.0237	0.0111	0.00000541	9.21	0.0000107	0.000358	0.000118	0.000838
2056 Nov	90.8	0.0337	0.103	0.00375	40.9	0.0362	19.2	0.000972	0.000972	0.0000049	0.00365	0.000872	0.0237	0.0111	0.00000541	9.21	0.0000107	0.000358	0.000118	0.000838
2056 Dec	90.8	0.0337	0.103	0.00375	40.9	0.0362	19.2	0.000972	0.000972	0.0000049	0.00365	0.000872	0.0237	0.0111	0.00000541	9.21	0.0000107	0.000358	0.000118	0.000838
2057 Jan	90.8	0.0337	0.103	0.00375	40.9	0.0362	19.2	0.000972	0.000972	0.0000049	0.00365	0.000872	0.0237	0.0111	0.00000541	9.21	0.0000107	0.000358	0.000118	0.000838
2057 Feb	90.8	0.0337	0.103	0.00375	40.9	0.0362	19.2	0.000972	0.000972	0.0000049	0.00365	0.000872	0.0237	0.0111	0.00000541	9.21	0.0000107	0.000358	0.000118	0.000838
2057 Mar	90.8	0.0337	0.103	0.00375	40.9	0.0362	19.2	0.000972	0.000972	0.0000049	0.00365	0.000872	0.0237	0.0111	0.00000541	9.21	0.0000107	0.000358	0.000118	0.000838
2057 Apr	90.8	0.0337	0.103	0.00375	40.9	0.0362	19.3	0.000972	0.000972	0.0000049	0.00365	0.000872	0.0237	0.0111	0.00000541	9.21	0.0000107	0.000358	0.000118	0.000838
2057 May	90.8	0.0337	0.103	0.00375	40.9	0.0362	19.3	0.000972	0.000972	0.0000049	0.00365	0.000873	0.0237	0.0111	0.00000541	9.21	0.0000107	0.000358	0.000118	0.000839
2057 Jun	90.8	0.0338	0.103	0.00375	40.8	0.0362	19.3	0.000971	0.000971	0.0000049	0.00366	0.000874	0.0238	0.0111	0.00000541	9.24	0.0000108	0.000359	0.000119	0.000838
2057 Jul	90.9	0.0339	0.104	0.00376	40.9	0.0362	19.3	0.000972	0.000972	0.0000049	0.00366	0.000875	0.0238	0.0111	0.00000541	9.25	0.0000108	0.00036	0.000119	0.000839
2057 Aug	91.1	0.0339	0.104	0.00377	40.9	0.0363	19.4	0.000973	0.000973	0.00000491	0.00367	0.000877	0.0239	0.0111	0.00000542	9.26	0.0000108	0.000361	0.000119	0.00084
2057 Sep	91.2	0.034	0.104	0.00377	41	0.0363	19.4	0.000974	0.000974	0.00000491	0.00367	0.000877	0.0239	0.0111	0.00000542	9.27	0.0000108	0.000362	0.000119	0.00084
2057 Oct	91.2	0.034	0.104	0.00377	41	0.0364	19.4	0.000973	0.000973	0.00000491	0.00367	0.000878	0.0239	0.0111	0.00000542	9.27	0.0000108	0.000362	0.000119	0.00084
2057 Nov	91.2	0.034	0.104	0.00377	41	0.0364	19.4	0.000973	0.000973	0.00000491	0.00367	0.000878	0.0239	0.0111	0.00000542	9.27	0.0000108	0.000362	0.000119	0.000841
2057 Dec	91.2	0.034	0.104	0.00377	41	0.0364	19.4	0.000973	0.000973	0.00000491	0.00367	0.000878	0.0239	0.0111	0.00000542	9.27	0.0000108	0.000362	0.000119	0.000841
2058 Jan	91.2	0.034	0.104	0.00377	41	0.0364	19.4	0.000973	0.000973	0.00000491	0.00367	0.000878	0.0239	0.0111	0.00000542	9.27	0.0000108	0.000362	0.000119	0.000841
2058 Feb	91.2	0.034	0.104	0.00377	41	0.0364	19.4	0.000973	0.000973	0.00000491	0.00367	0.000878	0.0239	0.0111	0.00000542	9.27	0.0000108	0.000362	0.000119	0.000841
2058 Mar	91.2	0.034	0.104	0.00377	41	0.0364	19.4	0.000973	0.000973	0.00000491	0.00367	0.000878	0.0239	0.0111	0.00000542	9.27	0.0000108	0.000362	0.000119	0.000841
2058 Apr	91.3	0.034	0.104	0.00377	41	0.0364	19.4	0.000974	0.000974	0.00000491	0.00367	0.000878	0.0239	0.0111	0.00000542	9.27	0.0000108	0.000362	0.000119	0.000841
2058 May	91.3	0.0341	0.104	0.00377	41	0.0364	19.4	0.000974	0.000974	0.00000491	0.00368	0.000879	0.0239	0.0112	0.00000543	9.3	0.0000108	0.000362	0.00012	0.000841
2058 Jun	91.4	0.0343	0.104	0.00377	40.9	0.0363	19.5	0.000971	0.000971	0.0000049	0.00369	0.000883	0.024	0.0113	0.00000541	9.39	0.0000109	0.000364	0.000122	0.000842
2058 Jul	91.5	0.0344	0.104	0.00378	41	0.0363	19.5	0.000972	0.000972	0.0000049	0.00369	0.000884	0.024	0.0113	0.00000542	9.4	0.0000109	0.000365	0.000122	0.000842
2058 Aug	91.6	0.0345	0.105	0.00379	41	0.0364	19.6	0.000973	0.000973	0.00000491	0.0037	0.000886	0.0241	0.0113	0.00000542	9.41	0.0000109	0.000366	0.000122	0.000843
2058 Sep	91.7	0.0345	0.105	0.00379	41	0.0364	19.6	0.000973	0.000973	0.00000491	0.0037	0.000886	0.0241	0.0113	0.00000543	9.42	0.0000109	0.000366	0.000122	0.000843
2058 Oct	91.8	0.0345	0.105	0.00379	41	0.0364	19.6	0.000973	0.000973	0.00000491	0.0037	0.000886	0.0241	0.0113	0.00000543	9.42	0.0000109	0.000367	0.000122	0.000843
2058 Nov	91.8	0.0345	0.105	0.00379	41.1	0.0364	19.6	0.000973	0.000973	0.00000491	0.0037	0.000887	0.0242	0.0113	0.00000543	9.42	0.0000109	0.000367	0.000122	0.000844
2058 Dec	91.8	0.0345	0.105	0.00379	41.1	0.0364	19.6	0.000973	0.000973	0.00000491	0.0037	0.000887	0.0242	0.0113	0.00000543	9.42	0.0000109	0.000367	0.000122	0.000844
2059 Jan	91.8	0.0345	0.105	0.00379	41.1	0.0364	19.6	0.000973	0.000973	0.00000491	0.0037	0.000887	0.0242	0.0113	0.00000543	9.42	0.0000109	0.000367	0.000122	0.000844
2059 Feb	91.8	0.0345	0.105	0.00379	41.1	0.0364	19.6	0.000973	0.000973	0.00000491	0.0037	0.000887	0.0242	0.0113	0.00000543	9.42	0.0000109	0.000367	0.000122	0.000844
2059 Mar	91.8	0.0345	0.105	0.00379	41.1	0.0364	19.6	0.000973	0.000973	0.00000491	0.0037	0.000887	0.0242	0.0113	0.00000543	9.42	0.0000109	0.000367	0.000122	0.000844
2059 Apr	91.8	0.0345	0.105	0.00379	41.1	0.0364	19.6	0.000973	0.000973	0.00000491	0.0037	0.000887	0.0242	0.0113	0.00000543	9.42	0.0000109	0.000367	0.000123	0.000844
2059 May	91.8	0.0346	0.105	0.0038	41.1	0.0364	19.6	0.000973	0.000973	0.00000491	0.0037	0.000887	0.0242	0.0113	0.00000543	9.43	0.0000109	0.000367	0.000123	0.000844
2059 Jun	91.9	0.0347	0.105	0.0038	41.1	0.0364	19.6	0.000973	0.000973	0.00000491	0.00371	0.00089	0.0242	0.0114	0.00000543	9.48	0.000011	0.000368	0.000124	0.000845
2059 Jul	92.1	0.0348	0.105	0.00381	41.1	0.0365	19.7	0.000974	0.000974	0.00000492	0.00371	0.000891	0.0243	0.0114	0.00000544	9.5	0.000011	0.000369	0.000124	0.000846
2059 Aug	92.2	0.0348	0.106	0.00381	41.2	0.0366	19.7	0.000976	0.000976	0.00000492	0.00372	0.000893	0.0243	0.0114	0.00000544	9.51	0.000011	0.00037	0.000124	0.000847
2059 Sep	92.3	0.0349	0.106	0.00382	41.2	0.0366	19.8	0.000976	0.000976	0.00000492	0.00372	0.000893	0.0243	0.0115	0.00000545	9.51	0.000011	0.00037	0.000124	0.000848
2059 Oct	92.3	0.035	0.106	0.00382	41.2	0.0366	19.8	0.000975	0.000975	0.00000492	0.00372	0.000893	0.0244	0.0115	0.00000544	9.51	0.000011	0.000371	0.000124	0.000847
2059 Nov	92.3	0.035	0.106	0.00382	41.2	0.0366	19.8	0.000975	0.000975	0.00000492	0.00372	0.000893	0.0244	0.0115	0.00000544	9.52	0.000011	0.000371	0.000124	0.000847
2059 Dec	92.3	0.035	0.106	0.00382	41.2	0.0366	19.8	0.000975	0.000975	0.00000492	0.00372	0.000893	0.0244	0.0115	0.00000544	9.52	0.000011	0.000371	0.000124	0.000847
2060 Jan	92.3	0.035	0.106	0.00382	41.2	0.0366	19.8	0.000975	0.000975	0.00000492	0.00372	0.000893	0.0244	0.0115	0.00000544	9.52	0.000011	0.000371	0.000124	0.000847
2060 Feb	92.3	0.035	0.106	0.00382	41.2	0.0366	19.8	0.000975	0.000975	0.00000492	0.00372	0.000893	0.0244	0.0115	0.00000544	9.52	0.000011	0.000371	0.000124	0.000847
2060 Mar	92.3	0.035	0.106	0.00382	41.2	0.0366	19.8	0.000975	0.000975	0.00000492	0.00372	0.000893	0.0244	0.0115	0.00000544	9.52	0.000011	0.000371	0.000124	0.000847
2060 Apr	92.3	0.035	0.106	0.00382	41.2	0.0366	19.8	0.000975	0.000975	0.00000492	0.00372	0.000894	0.0244	0.0115	0.00000544	9.52	0.000011	0.000371	0.000124	0.000847
2060 May	92.4	0.0351	0.106	0.00382	41.2	0.0366	19.8	0.000975	0.000975	0.00000492	0.00373	0.000895	0.0244	0.0115	0.00000544	9.54	0.000011	0.000371	0.000125	0.000848
2060 Jun	92.4	0.0352	0.106	0.00382	41.2	0.0366	19.8	0.000974	0.000974	0.00000491	0.00373	0.000897	0.0244	0.0115	0.00000544	9.58	0.0000111	0.000372	0.000126	0.000848
2060 Jul	92.6	0.0353	0.106	0.00383	41.2	0.0366	19.9	0.000975	0.000975	0.00000492	0.00374	0.000898	0.0245	0.0116	0.00000545	9.6	0.0000111	0.000373	0.000126	0.000849
2060 Aug	92.8	0.0354	0.107	0.00384	41.3	0.0367	19.9	0.000976	0.000976	0.00000492	0.00374	0.0009	0.0246	0.0116	0.00000545	9.61	0.0000111	0.000374	0.000126	0.00085
2060 Sep	92.8	0.0354	0.107	0.00384	41.3	0.0367	20	0.000975	0.000975	0.00000492	0.00374	0.0009	0.0246	0.0116	0.00000545	9.61	0.0000111	0.000375	0.000126	0.000849
2060 Oct	92.8	0.0355	0.107	0.00384	41.3	0.0367	20	0.000974	0.000974	0.00000492	0.00374	0.0009	0.0246	0.0116	0.00000545	9.61	0.0000111	0.000375	0.000126	0.000849
2060 Nov	92.8	0.0355	0.107	0.00385	41.3	0.0367	20	0.000974	0.000974	0.00000492	0.00374	0.0009	0.0246	0.0116	0.00000545	9.61	0.0000111	0.000375	0.000126	0.000849
2060 Dec	92.8	0.0355	0.107	0.00385	41.3	0.0367	20	0.000974	0.000974	0.00000492	0.00374	0.0009	0.0246	0.0116	0.00000545	9.61	0.0000111	0.000375	0.000126	0.000849
2061 Jan	92.8	0.0355	0.107	0.00384	41.3	0.0367	20	0.000974	0.000974	0.00000492	0.00374	0.0009	0.0246	0.0116	0.00000545	9.61	0.0000111	0.000375	0.000126	0.000849
2061 Feb	92.8	0.0355	0.107	0.00384	41.3	0.0367	20	0.000974	0.000974	0.00000492	0.00374	0.0009	0.0246	0.0116	0.00000545	9.61	0.0000111	0.000375	0.000126	0.000849
2061 Mar	92.8	0.0355	0.107	0.00384	41.3	0.0367	20	0.000974	0.000974	0.00000492	0.00374	0.0009	0.0246	0.0116	0.00000545	9.61	0.0000111	0.000375	0.000126	0.000849
2061 Apr	92.8	0.0355	0.107	0.00385	41.3	0.0367	20	0.000974	0.000974	0.00000492	0.00374	0.0009	0.0246	0.0116	0.00000545	9.62	0.0000111	0.000375	0.000126	0.000849
2061 May	92.9	0.0356	0.107	0.00384	41.3	0.0367	20	0.000975	0.000975	0.00000492	0.00375	0.000902	0.0246	0.0116	0.00000545	9.65	0.0000111	0.000376	0.000127	0.00085
2061 Jun	92.9	0.0357	0.107	0.00385	41.2	0.0367	20	0.000973	0.000973	0.00000491	0.00375	0.000904	0.0247	0.0117	0.00000544	9.7	0.0000112	0.000377	0.000128	0.00085
2061 Jul	93.1	0.0358	0.107	0.00385	41.3	0.0368	20.1	0.000974	0.000974	0.00000491	0.00376	0.000906	0.0247	0.0117	0.00000545	9.71	0.0000112	0.000378	0.000128	0.000851
2061 Aug	93.3	0.0359	0.107	0.00386	41.4	0.0368	20.1	0.000975	0.000975	0.00000492	0.00376	0.000907	0.0248	0.0117	0.00000545	9.73	0.0000112	0.000379	0.000128	0.000852
2061 Sep	93.4	0.0359	0.108	0.00387	41.4	0.0368	20.2	0.000975	0.000975	0.00000492	0.00377	0.000908	0.0248	0.0117	0.00000546	9.73	0.0000112	0.000379	0.000128	0.000853
2061 Oct	93.4	0.036	0.108	0.00387	41.4	0.0368	20.2	0.000975	0.000975	0.00000492	0.00377	0.000908	0.0249	0.0117	0.00000545	9.73	0.0000112	0.00038	0.000128	0.000852
2061 Nov	93.4	0.036	0.108	0.00387	41.4	0.0368	20.2	0.000974	0.000974	0.00000492	0.00377	0.000908	0.0249	0.0117	0.00000545	9.73	0.0000112	0.00038	0.000128	0.000852
2061 Dec	93.4	0.036	0.108	0.00387	41.4	0.0368	20.2	0.000974	0.000974	0.00000492	0.00377	0.000908	0.0249	0.0117	0.00000545	9.73	0.0000112	0.00038	0.000128	0.000852
2062 Jan	93.4	0.036	0.108	0.00387	41.4	0.0368	20.2	0.000974	0.000974	0.00000492	0.00377	0.000908	0.0249	0.0117	0.00000545	9.73	0.0000112	0.00038	0.000128	0.000852
2062 Feb	93.4	0.036	0.108	0.00387	41.4	0.0368	20.2	0.000975	0.000975	0.00000492	0.00377	0.000908	0.0249	0.0117	0.00000545	9.73	0.0000112	0.00038	0.000128	0.000852
2062 Mar	93.4	0.036	0.108	0.00387	41.4	0.0368	20.2	0.000975	0.000975	0.00000492	0.00377	0.000908	0.0249	0.0117	0.00000545	9.73	0.0000112	0.00038	0.000128	0.000852
2062 Apr	93.4	0.036	0.108	0.00387	41.4	0.0369	20.2	0.000975	0.000975	0.00000492	0.00377	0.000908	0.0249	0.0117	0.00000545	9.74	0.0000112	0.00038	0.000128	0.000852
2062 May	93.4	0.036	0.108	0.00387	41.4	0.0369	20.2	0.000975	0.000975	0.00000492	0.00377	0.000909	0.0249	0.0117	0.00000546	9.74	0.0000112	0.00038	0.000128	0.000853
2062 Jun	93.3	0.036	0.108	0.00387	41.3	0.0368	20.2	0.000974	0.000974	0.00000491	0.00378	0.000909	0.0249	0.0117	0.00000545	9.74	0.0000113	0.00038	0.000128	0.000851
2062 Jul	93.4	0.036	0.108	0.00387	41.3	0.0368	20.2	0.000974	0.000974	0.00000491	0.00379	0.000909	0.0249	0.0117	0.00000545	9.74	0.0000113	0.000381	0.000128	0.000851
2062 Aug	93.5	0.0361	0.108	0.00388	41.4	0.0369	20.3	0.000974	0.000974	0.00000492	0.00379	0.000911	0.025	0.0118	0.00000545	9.75	0.0000113	0.000382	0.000128	0.000852
2062 Sep	93.6	0.0362	0.108	0.00389	41.4	0.0369	20.3	0.000974	0.000974	0.00000491	0.00379	0.000911	0.0251	0.0118	0.00000545	9.75	0.0000113	0.000383	0.000128	0.000852
2062 Oct	93.5	0.0364	0.108	0.00388	41.3	0.0369	20.3	0.000972	0.000972	0.0000049	0.00379	0.000911	0.0251	0.0118	0.00000545	9.75	0.0000113	0.000383	0.000128	0.000851
2062 Nov	93.5	0.0364	0.108	0.00388	41.3	0.0369	20.3	0.000972	0.000972	0.0000049	0.00379	0.000911	0.0251	0.0118	0.00000545	9.75	0.0000113	0.000383	0.000128	0.000851
2062 Dec	93.5	0.0364	0.108	0.00388	41.3	0.0369	20.3	0.000972	0.000972	0.0000049	0.00379	0.000911	0.0251	0.0118	0.00000545	9.75	0.0000113	0.000383	0.000128	0.000851
2063 Jan	93.5	0.0364	0.108	0.00388	41.3	0.0369	20.3	0.000972	0.000972	0.0000049	0.00379	0.000911	0.0251	0.0118	0.00000545	9.75	0.0000113	0.000383	0.000128	0.000851
2063 Feb	93.5	0.0364	0.108	0.00388	41.3	0.0369	20.3	0.000972	0.000972	0.0000049	0.00379	0.000911	0.0251	0.0118	0.00000545	9.75	0.0000113	0.000383	0.000128	0.000851

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2063 Mar	93.5	0.0364	0.108	0.00388	41.3	0.0369	20.3	0.000972	0.000972	0.0000049	0.00379	0.000911	0.0251	0.0118	0.00000545	9.75	0.0000113	0.000383	0.000128	0.000851
2063 Apr	93.5	0.0364	0.108	0.00389	41.3	0.0369	20.3	0.000972	0.000972	0.00000491	0.00379	0.000911	0.0251	0.0118	0.00000545	9.75	0.0000113	0.000383	0.000128	0.000851
2063 May	93.5	0.0364	0.108	0.00389	41.3	0.0369	20.3	0.000972	0.000972	0.00000491	0.0038	0.000912	0.0251	0.0118	0.00000545	9.77	0.0000114	0.000383	0.000128	0.000851
2063 Jun	93.5	0.0365	0.108	0.00388	41.2	0.0368	20.3	0.000969	0.000969	0.00000489	0.00381	0.000914	0.0251	0.0119	0.00000543	9.83	0.0000114	0.000385	0.00013	0.00085
2063 Jul	93.6	0.0366	0.109	0.00389	41.2	0.0369	20.4	0.000969	0.000969	0.00000489	0.00381	0.000915	0.0252	0.0119	0.00000544	9.84	0.0000114	0.000386	0.00013	0.000851
2063 Aug	93.8	0.0367	0.109	0.0039	41.3	0.0369	20.4	0.000971	0.000971	0.0000049	0.00382	0.000917	0.0252	0.0119	0.00000544	9.85	0.0000115	0.000386	0.00013	0.000852
2063 Sep	93.8	0.0367	0.109	0.0039	41.3	0.0369	20.5	0.000971	0.000971	0.0000049	0.00382	0.000917	0.0253	0.0119	0.00000544	9.86	0.0000115	0.000387	0.00013	0.000852
2063 Oct	93.9	0.0368	0.109	0.0039	41.3	0.037	20.5	0.00097	0.00097	0.0000049	0.00382	0.000918	0.0253	0.0119	0.00000544	9.86	0.0000115	0.000387	0.00013	0.000852
2063 Nov	93.9	0.0368	0.109	0.0039	41.3	0.037	20.5	0.00097	0.00097	0.0000049	0.00382	0.000918	0.0253	0.0119	0.00000544	9.86	0.0000115	0.000387	0.00013	0.000852
2063 Dec	93.9	0.0368	0.109	0.0039	41.3	0.037	20.5	0.00097	0.00097	0.0000049	0.00382	0.000918	0.0253	0.0119	0.00000544	9.86	0.0000115	0.000387	0.00013	0.000852
2064 Jan	93.9	0.0368	0.109	0.0039	41.3	0.037	20.5	0.00097	0.00097	0.0000049	0.00382	0.000918	0.0253	0.0119	0.00000544	9.86	0.0000115	0.000387	0.00013	0.000852
2064 Feb	93.9	0.0368	0.109	0.0039	41.3	0.037	20.5	0.00097	0.00097	0.0000049	0.00382	0.000918	0.0253	0.0119	0.00000544	9.86	0.0000115	0.000387	0.00013	0.000852
2064 Mar	93.9	0.0368	0.109	0.0039	41.3	0.037	20.5	0.00097	0.00097	0.0000049	0.00382	0.000918	0.0253	0.0119	0.00000544	9.86	0.0000115	0.000387	0.00013	0.000852
2064 Apr	93.9	0.0368	0.109	0.0039	41.3	0.037	20.5	0.000971	0.000971	0.0000049	0.00382	0.000918	0.0253	0.0119	0.00000544	9.86	0.0000115	0.000387	0.00013	0.000852
2064 May	93.9	0.0368	0.109	0.0039	41.3	0.037	20.5	0.000971	0.000971	0.0000049	0.00382	0.000919	0.0253	0.0119	0.00000544	9.89	0.0000115	0.000388	0.000131	0.000853
2064 Jun	94	0.037	0.109	0.0039	41.2	0.0369	20.5	0.000969	0.000969	0.00000489	0.00383	0.000922	0.0253	0.012	0.00000543	9.97	0.0000115	0.000389	0.000133	0.000853
2064 Jul	94.1	0.0371	0.109	0.00391	41.3	0.037	20.6	0.00097	0.00097	0.00000489	0.00383	0.000924	0.0254	0.0121	0.00000544	9.98	0.0000115	0.00039	0.000133	0.000854
2064 Aug	94.3	0.0372	0.11	0.00392	41.3	0.037	20.6	0.00097	0.00097	0.0000049	0.00384	0.000925	0.0254	0.0121	0.00000544	9.99	0.0000116	0.000391	0.000133	0.000855
2064 Sep	94.3	0.0373	0.11	0.00392	41.3	0.037	20.6	0.00097	0.00097	0.00000489	0.00384	0.000925	0.0255	0.0121	0.00000544	9.99	0.0000116	0.000392	0.000133	0.000855
2064 Oct	94.3	0.0373	0.11	0.00392	41.4	0.037	20.7	0.00097	0.00097	0.00000489	0.00384	0.000926	0.0255	0.0121	0.00000544	9.99	0.0000116	0.000392	0.000133	0.000855
2064 Nov	94.4	0.0373	0.11	0.00392	41.4	0.037	20.7	0.00097	0.00097	0.00000489	0.00384	0.000926	0.0255	0.0121	0.00000545	9.99	0.0000116	0.000392	0.000133	0.000855
2064 Dec	94.4	0.0373	0.11	0.00392	41.4	0.037	20.7	0.00097	0.00097	0.00000489	0.00384	0.000926	0.0255	0.0121	0.00000545	9.99	0.0000116	0.000392	0.000133	0.000855
2065 Jan	94.4	0.0373	0.11	0.00392	41.4	0.037	20.7	0.00097	0.00097	0.00000489	0.00384	0.000926	0.0255	0.0121	0.00000545	9.99	0.0000116	0.000392	0.000133	0.000855
2065 Feb	94.4	0.0373	0.11	0.00392	41.4	0.037	20.7	0.00097	0.00097	0.00000489	0.00384	0.000926	0.0255	0.0121	0.00000545	10	0.0000116	0.000392	0.000133	0.000855
2065 Mar	94.4	0.0373	0.11	0.00392	41.4	0.037	20.7	0.00097	0.00097	0.0000049	0.00384	0.000926	0.0255	0.0121	0.00000545	10	0.0000116	0.000392	0.000133	0.000855
2065 Apr	94.4	0.0373	0.11	0.00392	41.4	0.037	20.7	0.00097	0.00097	0.0000049	0.00384	0.000926	0.0255	0.0121	0.00000545	10	0.0000116	0.000392	0.000133	0.000855
2065 May	94.4	0.0373	0.11	0.00392	41.4	0.037	20.7	0.00097	0.00097	0.0000049	0.00384	0.000927	0.0255	0.0121	0.00000545	10	0.0000116	0.000392	0.000133	0.000855
2065 Jun	94.4	0.0374	0.11	0.00392	41.3	0.037	20.7	0.000969	0.000969	0.00000489	0.00385	0.000928	0.0256	0.0121	0.00000544	10	0.0000116	0.000393	0.000134	0.000855
2065 Jul	94.6	0.0375	0.11	0.00393	41.4	0.0371	20.8	0.00097	0.00097	0.0000049	0.00385	0.00093	0.0256	0.0122	0.00000545	10.1	0.0000116	0.000394	0.000134	0.000856
2065 Aug	94.8	0.0376	0.111	0.00394	41.5	0.0371	20.8	0.000971	0.000971	0.0000049	0.00386	0.000931	0.0257	0.0122	0.00000546	10.1	0.0000117	0.000395	0.000134	0.000857
2065 Sep	94.8	0.0377	0.111	0.00395	41.5	0.0372	20.8	0.00097	0.00097	0.0000049	0.00386	0.000932	0.0257	0.0122	0.00000545	10.1	0.0000117	0.000396	0.000134	0.000857
2065 Oct	94.8	0.0378	0.111	0.00395	41.4	0.0372	20.9	0.000969	0.000969	0.00000489	0.00386	0.000932	0.0258	0.0122	0.00000545	10.1	0.0000117	0.000396	0.000134	0.000856
2065 Nov	94.8	0.0378	0.111	0.00395	41.4	0.0372	20.9	0.000969	0.000969	0.00000489	0.00386	0.000932	0.0258	0.0122	0.00000545	10.1	0.0000117	0.000396	0.000134	0.000856
2065 Dec	94.8	0.0378	0.111	0.00395	41.4	0.0372	20.9	0.000969	0.000969	0.00000489	0.00386	0.000932	0.0258	0.0122	0.00000545	10.1	0.0000117	0.000396	0.000134	0.000856
2066 Jan	94.8	0.0378	0.111	0.00395	41.4	0.0372	20.9	0.000969	0.000969	0.00000489	0.00386	0.000932	0.0258	0.0122	0.00000545	10.1	0.0000117	0.000396	0.000134	0.000856
2066 Feb	94.8	0.0378	0.111	0.00395	41.4	0.0372	20.9	0.000969	0.000969	0.00000489	0.00386	0.000932	0.0258	0.0122	0.00000545	10.1	0.0000117	0.000396	0.000134	0.000856
2066 Mar	94.8	0.0378	0.111	0.00395	41.4	0.0372	20.9	0.000969	0.000969	0.00000489	0.00386	0.000932	0.0258	0.0122	0.00000545	10.1	0.0000117	0.000396	0.000134	0.000856
2066 Apr	94.8	0.0378	0.111	0.00395	41.4	0.0372	20.9	0.000969	0.000969	0.00000489	0.00387	0.000932	0.0258	0.0122	0.00000545	10.1	0.0000117	0.000396	0.000134	0.000857
2066 May	94.9	0.0378	0.111	0.00395	41.4	0.0372	20.9	0.00097	0.00097	0.00000489	0.00387	0.000932	0.0258	0.0122	0.00000545	10.1	0.0000117	0.000396	0.000134	0.000857
2066 Jun	94.8	0.0378	0.111	0.00394	41.3	0.0371	20.9	0.000968	0.000968	0.00000489	0.00388	0.000933	0.0258	0.0122	0.00000544	10.1	0.0000117	0.000397	0.000135	0.000856
2066 Jul	95	0.0379	0.111	0.00396	41.4	0.0372	20.9	0.000969	0.000969	0.00000489	0.00388	0.000935	0.0259	0.0122	0.00000545	10.1	0.0000118	0.000398	0.000135	0.000857
2066 Aug	95.1	0.038	0.111	0.00396	41.5	0.0373	21	0.00097	0.00097	0.0000049	0.00389	0.000936	0.0259	0.0123	0.00000546	10.1	0.0000118	0.000399	0.000135	0.000858
2066 Sep	95.2	0.0381	0.111	0.00397	41.5	0.0373	21	0.00097	0.00097	0.0000049	0.00389	0.000937	0.026	0.0123	0.00000546	10.1	0.0000118	0.0004	0.000135	0.000858
2066 Oct	95.2	0.0381	0.112	0.00397	41.5	0.0373	21	0.00097	0.00097	0.0000049	0.00389	0.000937	0.026	0.0123	0.00000546	10.1	0.0000118	0.0004	0.000135	0.000858
2066 Nov	95.2	0.0381	0.112	0.00397	41.5	0.0373	21	0.00097	0.00097	0.0000049	0.00389	0.000937	0.026	0.0123	0.00000546	10.1	0.0000118	0.0004	0.000135	0.000858
2066 Dec	95.2	0.0381	0.112	0.00397	41.5	0.0373	21	0.00097	0.00097	0.0000049	0.00389	0.000937	0.026	0.0123	0.00000546	10.1	0.0000118	0.0004	0.000135	0.000858
2067 Jan	95.2	0.0381	0.112	0.00397	41.5	0.0373	21	0.00097	0.00097	0.0000049	0.00389	0.000937	0.026	0.0123	0.00000546	10.1	0.0000118	0.0004	0.000135	0.000858
2067 Feb	95.2	0.0381	0.112	0.00397	41.5	0.0373	21	0.00097	0.00097	0.0000049	0.00389	0.000937	0.026	0.0123	0.00000546	10.1	0.0000118	0.0004	0.000135	0.000858
2067 Mar	95.2	0.0381	0.112	0.00397	41.5	0.0373	21	0.00097	0.00097	0.0000049	0.00389	0.000937	0.026	0.0123	0.00000546	10.1	0.0000118	0.0004	0.000135	0.000858
2067 Apr	95.2	0.0381	0.112	0.00397	41.5	0.0373	21	0.00097	0.00097	0.0000049	0.00389	0.000937	0.026	0.0123	0.00000546	10.1	0.0000118	0.0004	0.000135	0.000858
2067 May	95.3	0.0382	0.112	0.00397	41.5	0.0373	21	0.00097	0.00097	0.0000049	0.0039	0.000938	0.026	0.0123	0.00000546	10.1	0.0000118	0.0004	0.000135	0.000859
2067 Jun	95.3	0.0383	0.112	0.00397	41.5	0.0373	21.1	0.000969	0.000969	0.00000489	0.0039	0.00094	0.026	0.0123	0.00000546	10.2	0.0000118	0.000401	0.000136	0.000859
2067 Jul	95.5	0.0384	0.112	0.00398	41.5	0.0374	21.1	0.000971	0.000971	0.0000049	0.00391	0.000941	0.0261	0.0123	0.00000547	10.2	0.0000119	0.000402	0.000136	0.00086
2067 Aug	95.6	0.0384	0.112	0.00399	41.6	0.0374	21.2	0.000971	0.000971	0.0000049	0.00391	0.000943	0.0262	0.0124	0.00000547	10.2	0.0000119	0.000403	0.000136	0.000861
2067 Sep	95.7	0.0385	0.112	0.00399	41.6	0.0374	21.2	0.000972	0.000972	0.00000491	0.00391	0.000943	0.0262	0.0124	0.00000547	10.2	0.0000119	0.000404	0.000136	0.000861
2067 Oct	95.7	0.0385	0.112	0.004	41.6	0.0374	21.2	0.000971	0.000971	0.0000049	0.00391	0.000943	0.0262	0.0124	0.00000547	10.2	0.0000119	0.000404	0.000136	0.000861
2067 Nov	95.7	0.0386	0.113	0.004	41.6	0.0375	21.2	0.000971	0.000971	0.0000049	0.00392	0.000944	0.0262	0.0124	0.00000547	10.2	0.0000119	0.000404	0.000136	0.000861
2067 Dec	95.7	0.0386	0.113	0.004	41.6	0.0375	21.2	0.000971	0.000971	0.0000049	0.00392	0.000944	0.0262	0.0124	0.00000547	10.2	0.0000119	0.000404	0.000136	0.000861
2068 Jan	95.7	0.0386	0.113	0.004	41.6	0.0375	21.2	0.000971	0.000971	0.0000049	0.00392	0.000944	0.0262	0.0124	0.00000547	10.2	0.0000119	0.000404	0.000136	0.000861
2068 Feb	95.7	0.0386	0.113	0.004	41.6	0.0375	21.2	0.000971	0.000971	0.0000049	0.00392	0.000944	0.0262	0.0124	0.00000547	10.2	0.0000119	0.000404	0.000136	0.000861
2068 Mar	95.7	0.0386	0.113	0.004	41.6	0.0375	21.2	0.000971	0.000971	0.0000049	0.00392	0.000944	0.0262	0.0124	0.00000547	10.2	0.0000119	0.000404	0.000136	0.000861
2068 Apr	95.8	0.0386	0.113	0.004	41.6	0.0375	21.2	0.000971	0.000971	0.0000049	0.00392	0.000944	0.0262	0.0124	0.00000547	10.2	0.0000119	0.000404	0.000136	0.000861
2068 May	95.8	0.0386	0.113	0.004	41.6	0.0375	21.2	0.000971	0.000971	0.0000049	0.00392	0.000945	0.0262	0.0124	0.00000547	10.2	0.0000119	0.000404	0.000137	0.000861
2068 Jun	95.8	0.0388	0.113	0.00399	41.5	0.0374	21.3	0.000968	0.000968	0.00000489	0.00393	0.000948	0.0263	0.0125	0.00000546	10.3	0.000012	0.000406	0.000139	0.000861
2068 Jul	96	0.0389	0.113	0.004	41.6	0.0374	21.3	0.000969	0.000969	0.00000489	0.00393	0.000949	0.0263	0.0125	0.00000546	10.3	0.000012	0.000407	0.000139	0.000862
2068 Aug	96.1	0.0389	0.113	0.00401	41.6	0.0375	21.4	0.00097	0.00097	0.0000049	0.00394	0.000951	0.0264	0.0125	0.00000547	10.3	0.000012	0.000408	0.000139	0.000863
2068 Sep	96.2	0.039	0.113	0.00401	41.7	0.0375	21.4	0.00097	0.00097	0.0000049	0.00394	0.000951	0.0264	0.0125	0.00000547	10.3	0.000012	0.000408	0.000139	0.000863
2068 Oct	96.2	0.039	0.113	0.00402	41.7	0.0375	21.4	0.00097	0.00097	0.0000049	0.00394	0.000952	0.0264	0.0125	0.00000547	10.3	0.000012	0.000409	0.000139	0.000863
2068 Nov	96.2	0.039	0.113	0.00402	41.7	0.0375	21.4	0.00097	0.00097	0.0000049	0.00394	0.000952	0.0264	0.0125	0.00000547	10.3	0.000012	0.000409	0.000139	0.000863
2068 Dec	96.2	0.039	0.113	0.00402	41.7	0.0375	21.4	0.00097	0.00097	0.0000049	0.00394	0.000952	0.0264	0.0125	0.00000547	10.3	0.000012	0.000409	0.000139	0.000863
2069 Jan	96.2	0.039	0.113	0.00402	41.7	0.0375	21.4	0.00097	0.00097	0.0000049	0.00394	0.000952	0.0264	0.0125	0.00000547	10.3	0.000012	0.000409	0.000139	0.000863
2069 Feb	96.2	0.039	0.113	0.00402	41.7	0.0375	21.4	0.00097	0.00097	0.0000049	0.00394	0.000952	0.0264	0.0125	0.00000547	10.3	0.000012	0.000409	0.000139	0.000863
2069 Mar	96.2	0.039	0.113	0.00402	41.7	0.0375	21.4	0.00097	0.00097	0.0000049	0.00394	0.000952	0.0264	0.0125	0.00000547	10.3	0.000012	0.000409	0.000139	0.000863
2069 Apr	96.2	0.039	0.113	0.00402	41.7	0.0375	21.4	0.000971	0.000971	0.0000049	0.00394	0.000952	0.0265	0.0125	0.00000547	10.3	0.000012	0.000409	0.000139	0.000864
2069 May	96.3	0.0391	0.113	0.00402	41.7	0.0376	21.4	0.000971	0.000971	0.0000049	0.00394	0.000952	0.0265	0.0125	0.00000548	10.3	0.000012	0.000409	0.000139	0.000864
2069 Jun	96.2	0.0391	0.113	0.00402	41.6	0.0375	21.4	0.00097	0.00097	0.0000049	0.00395	0.000953	0.0265	0.0126	0.00000547	10.4	0.0000121	0.000409	0.000139	0.000863
2069 Jul	96.4	0.0392	0.114	0.00403	41.7	0.0376	21.5	0.000971	0.000971	0.0000049	0.00396	0.000954	0.0266	0.0126	0.00000548	10.4	0.0000121	0.00041	0.000139	0.000864

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2069 Aug	96.5	0.0392	0.114	0.00403	41.7	0.0376	21.5	0.000972	0.000972	0.00000491	0.00396	0.000955	0.0266	0.0126	0.00000548	10.4	0.0000121	0.000411	0.00014	0.000865
2069 Sep	96.6	0.0393	0.114	0.00404	41.7	0.0377	21.6	0.000971	0.000971	0.0000049	0.00396	0.000956	0.0267	0.0126	0.00000548	10.4	0.0000121	0.000412	0.00014	0.000865
2069 Oct	96.6	0.0394	0.114	0.00404	41.7	0.0377	21.6	0.00097	0.00097	0.0000049	0.00396	0.000956	0.0267	0.0126	0.00000548	10.4	0.0000121	0.000412	0.000139	0.000864
2069 Nov	96.6	0.0395	0.114	0.00404	41.7	0.0377	21.6	0.00097	0.00097	0.0000049	0.00396	0.000956	0.0267	0.0126	0.00000548	10.4	0.0000121	0.000412	0.000139	0.000864
2069 Dec	96.6	0.0395	0.114	0.00404	41.7	0.0377	21.6	0.00097	0.00097	0.0000049	0.00397	0.000956	0.0267	0.0126	0.00000548	10.4	0.0000121	0.000412	0.000139	0.000864
2070 Jan	96.6	0.0395	0.114	0.00404	41.7	0.0377	21.6	0.00097	0.00097	0.0000049	0.00397	0.000956	0.0267	0.0126	0.00000548	10.4	0.0000121	0.000412	0.000139	0.000864
2070 Feb	96.6	0.0395	0.114	0.00404	41.7	0.0377	21.6	0.00097	0.00097	0.0000049	0.00397	0.000956	0.0267	0.0126	0.00000548	10.4	0.0000121	0.000412	0.000139	0.000864
2070 Mar	96.6	0.0395	0.114	0.00404	41.7	0.0377	21.6	0.00097	0.00097	0.0000049	0.00397	0.000956	0.0267	0.0126	0.00000548	10.4	0.0000121	0.000412	0.000139	0.000864
2070 Apr	96.6	0.0395	0.114	0.00404	41.7	0.0377	21.6	0.00097	0.00097	0.0000049	0.00397	0.000956	0.0267	0.0126	0.00000548	10.4	0.0000121	0.000412	0.000139	0.000864
2070 May	96.6	0.0395	0.114	0.00404	41.7	0.0377	21.6	0.00097	0.00097	0.0000049	0.00397	0.000957	0.0267	0.0126	0.00000548	10.4	0.0000121	0.000413	0.00014	0.000865
2070 Jun	96.7	0.0396	0.114	0.00404	41.7	0.0376	21.6	0.000969	0.000969	0.00000489	0.00397	0.000959	0.0267	0.0127	0.00000547	10.5	0.0000122	0.000414	0.000141	0.000865
2070 Jul	96.8	0.0397	0.114	0.00405	41.7	0.0377	21.7	0.00097	0.00097	0.0000049	0.00398	0.000961	0.0268	0.0127	0.00000548	10.5	0.0000122	0.000415	0.000141	0.000866
2070 Aug	97	0.0398	0.115	0.00406	41.8	0.0378	21.7	0.000971	0.000971	0.0000049	0.00398	0.000962	0.0268	0.0127	0.00000549	10.5	0.0000122	0.000415	0.000141	0.000867
2070 Sep	97.1	0.0399	0.115	0.00406	41.8	0.0378	21.7	0.000971	0.000971	0.0000049	0.00399	0.000963	0.0269	0.0127	0.00000549	10.5	0.0000122	0.000416	0.000141	0.000867
2070 Oct	97.1	0.0399	0.115	0.00406	41.8	0.0378	21.8	0.00097	0.00097	0.0000049	0.00399	0.000963	0.0269	0.0127	0.00000548	10.5	0.0000122	0.000416	0.000141	0.000867
2070 Nov	97.1	0.0399	0.115	0.00406	41.8	0.0378	21.8	0.00097	0.00097	0.0000049	0.00399	0.000963	0.0269	0.0127	0.00000548	10.5	0.0000122	0.000416	0.000141	0.000867
2070 Dec	97.1	0.0399	0.115	0.00406	41.8	0.0378	21.8	0.00097	0.00097	0.0000049	0.00399	0.000963	0.0269	0.0127	0.00000548	10.5	0.0000122	0.000416	0.000141	0.000867
2071 Jan	97.1	0.0399	0.115	0.00406	41.8	0.0378	21.8	0.00097	0.00097	0.0000049	0.00399	0.000963	0.0269	0.0127	0.00000548	10.5	0.0000122	0.000416	0.000141	0.000867
2071 Feb	97.1	0.0399	0.115	0.00406	41.8	0.0378	21.8	0.00097	0.00097	0.0000049	0.00399	0.000963	0.0269	0.0127	0.00000548	10.5	0.0000122	0.000416	0.000141	0.000867
2071 Mar	97.1	0.0399	0.115	0.00406	41.8	0.0378	21.8	0.00097	0.00097	0.0000049	0.00399	0.000963	0.0269	0.0127	0.00000548	10.5	0.0000122	0.000416	0.000141	0.000867
2071 Apr	97.1	0.0399	0.115	0.00406	41.8	0.0378	21.8	0.00097	0.00097	0.0000049	0.00399	0.000963	0.0269	0.0127	0.00000548	10.5	0.0000122	0.000416	0.000141	0.000867
2071 May	97.1	0.04	0.115	0.00406	41.8	0.0378	21.8	0.00097	0.00097	0.0000049	0.00399	0.000963	0.0269	0.0127	0.00000548	10.5	0.0000122	0.000417	0.000142	0.000867
2071 Jun	97.1	0.0401	0.115	0.00406	41.8	0.0378	21.8	0.000969	0.000969	0.00000489	0.00399	0.000965	0.0269	0.0128	0.00000548	10.5	0.0000122	0.000418	0.000142	0.000867
2071 Jul	97.2	0.0401	0.115	0.00407	41.8	0.0378	21.8	0.000969	0.000969	0.00000489	0.004	0.000966	0.027	0.0128	0.00000548	10.5	0.0000123	0.000418	0.000142	0.000867
2071 Aug	97.4	0.0402	0.116	0.00408	41.9	0.0379	21.9	0.00097	0.00097	0.0000049	0.004	0.000967	0.0271	0.0128	0.00000549	10.5	0.0000123	0.000419	0.000143	0.000868
2071 Sep	97.4	0.0403	0.116	0.00408	41.9	0.0379	21.9	0.00097	0.00097	0.0000049	0.004	0.000968	0.0271	0.0128	0.00000549	10.5	0.0000123	0.00042	0.000143	0.000868
2071 Oct	97.5	0.0403	0.116	0.00408	41.9	0.0379	21.9	0.000969	0.000969	0.0000049	0.004	0.000968	0.0271	0.0128	0.00000548	10.5	0.0000123	0.00042	0.000143	0.000868
2071 Nov	97.5	0.0403	0.116	0.00408	41.9	0.0379	21.9	0.000969	0.000969	0.0000049	0.004	0.000968	0.0271	0.0128	0.00000548	10.6	0.0000123	0.00042	0.000143	0.000868
2071 Dec	97.5	0.0403	0.116	0.00408	41.9	0.0379	21.9	0.000969	0.000969	0.0000049	0.004	0.000968	0.0271	0.0128	0.00000548	10.6	0.0000123	0.00042	0.000143	0.000868
2072 Jan	97.5	0.0403	0.116	0.00408	41.9	0.0379	21.9	0.000969	0.000969	0.0000049	0.004	0.000968	0.0271	0.0128	0.00000548	10.6	0.0000123	0.00042	0.000143	0.000868
2072 Feb	97.5	0.0403	0.116	0.00408	41.9	0.0379	21.9	0.000969	0.000969	0.0000049	0.004	0.000968	0.0271	0.0128	0.00000548	10.6	0.0000123	0.00042	0.000143	0.000868
2072 Mar	97.5	0.0403	0.116	0.00408	41.9	0.0379	21.9	0.000969	0.000969	0.0000049	0.004	0.000968	0.0271	0.0128	0.00000548	10.6	0.0000123	0.00042	0.000143	0.000868
2072 Apr	97.5	0.0403	0.116	0.00408	41.9	0.0379	21.9	0.000969	0.000969	0.0000049	0.004	0.000968	0.0271	0.0128	0.00000548	10.6	0.0000123	0.00042	0.000143	0.000868
2072 May	97.5	0.0404	0.116	0.00409	41.9	0.0379	21.9	0.00097	0.00097	0.0000049	0.00401	0.000968	0.0271	0.0128	0.00000549	10.6	0.0000123	0.00042	0.000143	0.000869
2072 Jun	97.5	0.0404	0.116	0.00409	41.8	0.0379	22	0.000969	0.000969	0.0000049	0.00401	0.000969	0.0272	0.0128	0.00000549	10.6	0.0000123	0.000421	0.000143	0.000868
2072 Jul	97.6	0.0404	0.116	0.00409	41.9	0.0379	22	0.00097	0.00097	0.0000049	0.00402	0.00097	0.0272	0.0128	0.00000549	10.6	0.0000124	0.000422	0.000143	0.000868
2072 Aug	97.7	0.0405	0.116	0.0041	41.9	0.038	22	0.00097	0.00097	0.0000049	0.00402	0.000971	0.0273	0.0128	0.00000549	10.6	0.0000124	0.000422	0.000143	0.000869
2072 Sep	97.7	0.0406	0.116	0.0041	41.9	0.038	22.1	0.000969	0.000969	0.0000049	0.00402	0.000971	0.0273	0.0128	0.00000549	10.6	0.0000124	0.000423	0.000143	0.000869
2072 Oct	97.7	0.0406	0.116	0.0041	41.9	0.038	22.1	0.000969	0.000969	0.00000489	0.00402	0.000971	0.0273	0.0128	0.00000549	10.6	0.0000124	0.000423	0.000143	0.000868
2072 Nov	97.7	0.0406	0.116	0.0041	41.9	0.038	22.1	0.000969	0.000969	0.00000489	0.00402	0.000971	0.0273	0.0128	0.00000549	10.6	0.0000124	0.000423	0.000143	0.000868
2072 Dec	97.7	0.0406	0.116	0.0041	41.9	0.038	22.1	0.000969	0.000969	0.00000489	0.00402	0.000971	0.0273	0.0128	0.00000549	10.6	0.0000124	0.000423	0.000143	0.000868
2073 Jan	97.7	0.0406	0.116	0.0041	41.9	0.038	22.1	0.000969	0.000969	0.00000489	0.00402	0.000971	0.0273	0.0128	0.00000549	10.6	0.0000124	0.000423	0.000143	0.000868
2073 Feb	97.7	0.0406	0.116	0.0041	41.9	0.038	22.1	0.000969	0.000969	0.00000489	0.00402	0.000971	0.0273	0.0128	0.00000549	10.6	0.0000124	0.000423	0.000143	0.000868
2073 Mar	97.7	0.0406	0.116	0.0041	41.9	0.038	22.1	0.000969	0.000969	0.00000489	0.00402	0.000971	0.0273	0.0128	0.00000549	10.6	0.0000124	0.000423	0.000143	0.000868
2073 Apr	97.7	0.0406	0.116	0.0041	41.9	0.038	22.1	0.000969	0.000969	0.00000489	0.00403	0.000972	0.0273	0.0128	0.00000549	10.6	0.0000124	0.000423	0.000143	0.000868
2073 May	97.8	0.0407	0.116	0.0041	41.9	0.038	22.1	0.000969	0.000969	0.00000489	0.00403	0.000973	0.0273	0.0129	0.00000549	10.6	0.0000124	0.000424	0.000143	0.000869
2073 Jun	97.8	0.0408	0.116	0.0041	41.8	0.038	22.1	0.000968	0.000968	0.00000489	0.00403	0.000975	0.0274	0.013	0.00000548	10.7	0.0000124	0.000425	0.000145	0.000869
2073 Jul	98	0.0409	0.117	0.00411	41.9	0.038	22.2	0.000969	0.000969	0.00000489	0.00404	0.000977	0.0274	0.013	0.00000549	10.7	0.0000124	0.000426	0.000145	0.00087
2073 Aug	98.1	0.041	0.117	0.00412	41.9	0.0381	22.2	0.000969	0.000969	0.0000049	0.00404	0.000978	0.0275	0.013	0.00000549	10.7	0.0000125	0.000426	0.000145	0.000871
2073 Sep	98.2	0.041	0.117	0.00412	42	0.0381	22.2	0.000969	0.000969	0.0000049	0.00404	0.000978	0.0275	0.013	0.00000549	10.7	0.0000125	0.000427	0.000145	0.000871
2073 Oct	98.2	0.0411	0.117	0.00412	42	0.0381	22.2	0.000969	0.000969	0.00000489	0.00404	0.000978	0.0275	0.013	0.00000549	10.7	0.0000125	0.000427	0.000145	0.000871
2073 Nov	98.2	0.0411	0.117	0.00412	42	0.0381	22.3	0.000968	0.000968	0.00000489	0.00405	0.000978	0.0275	0.013	0.00000549	10.7	0.0000125	0.000427	0.000145	0.000871
2073 Dec	98.2	0.0411	0.117	0.00412	42	0.0381	22.3	0.000968	0.000968	0.00000489	0.00405	0.000978	0.0275	0.013	0.00000549	10.7	0.0000125	0.000427	0.000145	0.000871
2074 Jan	98.2	0.0411	0.117	0.00412	42	0.0381	22.3	0.000968	0.000968	0.00000489	0.00405	0.000978	0.0275	0.013	0.00000549	10.7	0.0000125	0.000427	0.000145	0.000871
2074 Feb	98.2	0.0411	0.117	0.00412	42	0.0381	22.3	0.000968	0.000968	0.00000489	0.00405	0.000978	0.0275	0.013	0.00000549	10.7	0.0000125	0.000427	0.000145	0.000871
2074 Mar	98.2	0.0411	0.117	0.00412	42	0.0381	22.3	0.000969	0.000969	0.00000489	0.00405	0.000978	0.0275	0.013	0.00000549	10.7	0.0000125	0.000427	0.000145	0.000871
2074 Apr	98.2	0.0411	0.117	0.00412	42	0.0381	22.3	0.000969	0.000969	0.00000489	0.00405	0.000979	0.0276	0.013	0.00000549	10.7	0.0000125	0.000427	0.000145	0.000871
2074 May	98.2	0.0412	0.117	0.00412	41.9	0.0381	22.2	0.000969	0.000969	0.00000489	0.00405	0.000981	0.0275	0.0131	0.00000549	10.7	0.0000125	0.000428	0.000146	0.000872
2074 Jun	98.3	0.0414	0.117	0.00412	41.9	0.038	22.3	0.000967	0.000967	0.00000488	0.00406	0.000984	0.0276	0.0131	0.00000548	10.8	0.0000125	0.000429	0.000148	0.000872
2074 Jul	98.5	0.0415	0.118	0.00413	41.9	0.0381	22.3	0.000968	0.000968	0.00000489	0.00406	0.000985	0.0276	0.0132	0.00000549	10.8	0.0000126	0.00043	0.000148	0.000873
2074 Aug	98.6	0.0415	0.118	0.00414	42	0.0382	22.4	0.000969	0.000969	0.0000049	0.00407	0.000987	0.0277	0.0132	0.0000055	10.8	0.0000126	0.000431	0.000148	0.000875
2074 Sep	98.7	0.0416	0.118	0.00414	42	0.0382	22.4	0.000969	0.000969	0.00000489	0.00407	0.000987	0.0277	0.0132	0.0000055	10.8	0.0000126	0.000432	0.000148	0.000874
2074 Oct	98.7	0.0417	0.118	0.00414	42	0.0382	22.4	0.000968	0.000968	0.00000489	0.00407	0.000987	0.0277	0.0132	0.0000055	10.8	0.0000126	0.000432	0.000148	0.000874
2074 Nov	98.7	0.0417	0.118	0.00414	42	0.0382	22.4	0.000968	0.000968	0.00000489	0.00407	0.000988	0.0278	0.0132	0.0000055	10.8	0.0000126	0.000432	0.000148	0.000874
2074 Dec	98.7	0.0417	0.118	0.00414	42	0.0382	22.4	0.000968	0.000968	0.00000489	0.00407	0.000988	0.0278	0.0132	0.0000055	10.8	0.0000126	0.000432	0.000148	0.000874
2075 Jan	98.7	0.0417	0.118	0.00414	42	0.0382	22.4	0.000968	0.000968	0.00000489	0.00407	0.000988	0.0278	0.0132	0.0000055	10.8	0.0000126	0.000432	0.000148	0.000874
2075 Feb	98.7	0.0417	0.118	0.00414	42	0.0382	22.4	0.000968	0.000968	0.00000489	0.00407	0.000988	0.0278	0.0132	0.0000055	10.8	0.0000126	0.000432	0.000148	0.000874
2075 Mar	98.7	0.0417	0.118	0.00414	42	0.0382	22.4	0.000968	0.000968	0.00000489	0.00407	0.000988	0.0278	0.0132	0.0000055	10.8	0.0000126	0.000432	0.000148	0.000874
2075 Apr	98.7	0.0417	0.118	0.00414	42	0.0382	22.4	0.000969	0.000969	0.00000489	0.00407	0.000988	0.0278	0.0132	0.0000055	10.8	0.0000126	0.000432	0.000148	0.000875
2075 May	98.8	0.0417	0.118	0.00414	42	0.0382	22.4	0.000969	0.000969	0.00000489	0.00407	0.000988	0.0278	0.0132	0.0000055	10.9	0.0000126	0.000432	0.000148	0.000875
2075 Jun	98.7	0.0417	0.118	0.00414	41.9	0.0382	22.4	0.000968	0.000968	0.00000489	0.00408	0.000988	0.0278	0.0132	0.00000549	10.8	0.0000126	0.000432	0.000148	0.000873
2075 Jul	98.7	0.0417	0.118	0.00415	42	0.0382	22.5	0.000968	0.000968	0.00000489	0.00409	0.000989	0.0278	0.0132	0.0000055	10.9	0.0000127	0.000433	0.000148	0.000874
2075 Aug	98.9	0.0418	0.118	0.00415	42	0.0382	22.5	0.000969	0.000969	0.00000489	0.00409	0.00099	0.0279	0.0132	0.0000055	10.9	0.0000127	0.000434	0.000148	0.000875
2075 Sep	99	0.0418	0.119	0.00416	42.1	0.0383	22.5	0.000969	0.000969	0.0000049	0.00409	0.000991	0.0279	0.0132	0.0000055	10.9	0.0000127	0.000435	0.000148	0.000875
2075 Oct	99	0.0419	0.119	0.00416	42.1	0.0383	22.6	0.000969	0.000969	0.0000049	0.0041	0.000991	0.0279	0.0132	0.0000055	10.9	0.0000127	0.000435	0.000148	0.000875
2075 Nov	99	0.0419	0.119	0.00416	42.1	0.0383	22.6	0.000969	0.000969	0.0000049	0.0041	0.000991	0.0279	0.0132	0.0000055	10.9	0.0000127	0.000435	0.000148	0.000875
2075 Dec	99	0.0419	0.119	0.00416	42.1	0.0383	22.6	0.000969	0.000969	0.0000049	0.0041	0.000991	0.0279	0.0132	0.0000055	10.9	0.0000127	0.000435	0.000148	0.000875

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2076 Jan	99	0.0419	0.119	0.00416	42.1	0.0383	22.6	0.000969	0.000969	0.0000049	0.0041	0.000991	0.0279	0.0132	0.0000055	10.9	0.0000127	0.000435	0.000148	0.000875
2076 Feb	99	0.0419	0.119	0.00416	42.1	0.0383	22.6	0.000969	0.000969	0.0000049	0.0041	0.000991	0.0279	0.0132	0.0000055	10.9	0.0000127	0.000435	0.000148	0.000875
2076 Mar	99	0.0419	0.119	0.00416	42.1	0.0383	22.6	0.000969	0.000969	0.0000049	0.0041	0.000991	0.0279	0.0132	0.0000055	10.9	0.0000127	0.000435	0.000148	0.000875
2076 Apr	99	0.0419	0.119	0.00416	42.1	0.0383	22.6	0.000969	0.000969	0.0000049	0.0041	0.000991	0.0279	0.0132	0.0000055	10.9	0.0000127	0.000435	0.000148	0.000875
2076 May	99.1	0.0419	0.119	0.00416	42.1	0.0383	22.6	0.000969	0.000969	0.0000049	0.0041	0.000992	0.028	0.0133	0.00000551	10.9	0.0000127	0.000435	0.000149	0.000876
2076 Jun	99.1	0.042	0.119	0.00416	42	0.0383	22.6	0.000968	0.000968	0.00000489	0.0041	0.000993	0.028	0.0133	0.0000055	10.9	0.0000127	0.000436	0.000149	0.000875
2076 Jul	99.2	0.0421	0.119	0.00417	42.1	0.0383	22.6	0.000968	0.000968	0.00000489	0.00411	0.000995	0.028	0.0133	0.0000055	10.9	0.0000128	0.000437	0.000149	0.000876
2076 Aug	99.4	0.0421	0.119	0.00418	42.1	0.0384	22.7	0.000969	0.000969	0.0000049	0.00411	0.000996	0.0281	0.0133	0.00000551	10.9	0.0000128	0.000438	0.00015	0.000877
2076 Sep	99.4	0.0422	0.119	0.00418	42.2	0.0384	22.7	0.00097	0.00097	0.0000049	0.00412	0.000997	0.0281	0.0133	0.00000551	11	0.0000128	0.000439	0.00015	0.000877
2076 Oct	99.5	0.0422	0.12	0.00418	42.2	0.0384	22.7	0.000969	0.000969	0.0000049	0.00412	0.000997	0.0282	0.0133	0.00000551	10.9	0.0000128	0.000439	0.00015	0.000877
2076 Nov	99.5	0.0423	0.12	0.00418	42.2	0.0384	22.7	0.000969	0.000969	0.0000049	0.00412	0.000997	0.0282	0.0133	0.00000551	11	0.0000128	0.000439	0.00015	0.000877
2076 Dec	99.5	0.0423	0.12	0.00418	42.2	0.0384	22.7	0.000969	0.000969	0.0000049	0.00412	0.000997	0.0282	0.0133	0.00000551	11	0.0000128	0.000439	0.00015	0.000877
2077 Jan	99.5	0.0423	0.12	0.00418	42.2	0.0384	22.7	0.000969	0.000969	0.0000049	0.00412	0.000997	0.0282	0.0133	0.00000551	11	0.0000128	0.000439	0.00015	0.000877
2077 Feb	99.5	0.0423	0.12	0.00418	42.2	0.0384	22.7	0.000969	0.000969	0.0000049	0.00412	0.000997	0.0282	0.0133	0.00000551	11	0.0000128	0.000439	0.00015	0.000877
2077 Mar	99.5	0.0423	0.12	0.00418	42.2	0.0384	22.7	0.000969	0.000969	0.0000049	0.00412	0.000997	0.0282	0.0133	0.00000551	11	0.0000128	0.000439	0.00015	0.000877
2077 Apr	99.5	0.0423	0.12	0.00418	42.2	0.0384	22.7	0.000969	0.000969	0.0000049	0.00412	0.000997	0.0282	0.0133	0.00000551	11	0.0000128	0.000439	0.00015	0.000877
2077 May	99.5	0.0423	0.12	0.00418	42.2	0.0384	22.7	0.000969	0.000969	0.0000049	0.00412	0.000998	0.0282	0.0134	0.00000551	11	0.0000128	0.000439	0.00015	0.000877
2077 Jun	99.5	0.0424	0.12	0.00418	42.1	0.0384	22.8	0.000968	0.000968	0.00000489	0.00412	0.001	0.0282	0.0134	0.0000055	11	0.0000128	0.00044	0.000151	0.000877
2077 Jul	99.7	0.0425	0.12	0.00419	42.2	0.0384	22.8	0.000969	0.000969	0.0000049	0.00413	0.001	0.0282	0.0134	0.00000551	11	0.0000129	0.000441	0.000151	0.000879
2077 Aug	99.9	0.0426	0.12	0.0042	42.2	0.0385	22.9	0.00097	0.00097	0.0000049	0.00413	0.001	0.0283	0.0135	0.00000552	11	0.0000129	0.000442	0.000152	0.00088
2077 Sep	99.9	0.0427	0.12	0.0042	42.2	0.0385	22.9	0.000969	0.000969	0.0000049	0.00413	0.001	0.0284	0.0135	0.00000551	11	0.0000129	0.000443	0.000152	0.000879
2077 Oct	99.9	0.0427	0.12	0.0042	42.2	0.0385	22.9	0.000969	0.000969	0.0000049	0.00414	0.001	0.0284	0.0135	0.00000551	11	0.0000129	0.000443	0.000152	0.000879
2077 Nov	99.9	0.0427	0.12	0.0042	42.2	0.0385	22.9	0.000969	0.000969	0.0000049	0.00414	0.001	0.0284	0.0135	0.00000551	11.1	0.0000129	0.000443	0.000152	0.000879
2077 Dec	99.9	0.0427	0.12	0.0042	42.2	0.0385	22.9	0.000969	0.000969	0.0000049	0.00414	0.001	0.0284	0.0135	0.00000551	11.1	0.0000129	0.000443	0.000152	0.000879
2078 Jan	99.9	0.0427	0.12	0.0042	42.2	0.0385	22.9	0.000969	0.000969	0.0000049	0.00414	0.001	0.0284	0.0135	0.00000551	11.1	0.0000129	0.000443	0.000152	0.000879
2078 Feb	99.9	0.0427	0.12	0.0042	42.2	0.0385	22.9	0.000969	0.000969	0.0000049	0.00414	0.001	0.0284	0.0135	0.00000551	11.1	0.0000129	0.000443	0.000152	0.000879
2078 Mar	99.9	0.0427	0.12	0.0042	42.2	0.0385	22.9	0.000969	0.000969	0.0000049	0.00414	0.001	0.0284	0.0135	0.00000551	11.1	0.0000129	0.000443	0.000152	0.000879
2078 Apr	99.9	0.0427	0.12	0.00421	42.2	0.0385	22.9	0.000969	0.000969	0.0000049	0.00414	0.001	0.0284	0.0135	0.00000552	11.1	0.0000129	0.000443	0.000152	0.00088
2078 May	99.9	0.0428	0.12	0.0042	42.2	0.0385	22.9	0.000969	0.000969	0.0000049	0.00414	0.00101	0.0284	0.0135	0.00000551	11.1	0.0000129	0.000443	0.000153	0.00088
2078 Jun	100	0.0429	0.12	0.0042	42.2	0.0384	22.9	0.000967	0.000967	0.00000489	0.00414	0.00101	0.0284	0.0136	0.00000551	11.1	0.0000129	0.000444	0.000154	0.00088
2078 Jul	100	0.043	0.121	0.00421	42.2	0.0385	23	0.000969	0.000969	0.0000049	0.00415	0.00101	0.0285	0.0136	0.00000552	11.2	0.000013	0.000445	0.000154	0.000881
2078 Aug	100	0.0431	0.121	0.00422	42.3	0.0386	23	0.000969	0.000969	0.0000049	0.00415	0.00101	0.0285	0.0136	0.00000552	11.2	0.000013	0.000446	0.000154	0.000882
2078 Sep	100	0.0431	0.121	0.00422	42.3	0.0386	23.1	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0286	0.0136	0.00000552	11.2	0.000013	0.000447	0.000154	0.000882
2078 Oct	100	0.0432	0.121	0.00423	42.3	0.0386	23.1	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0286	0.0136	0.00000552	11.2	0.000013	0.000447	0.000154	0.000882
2078 Nov	100	0.0432	0.121	0.00423	42.3	0.0386	23.1	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0286	0.0136	0.00000552	11.2	0.000013	0.000447	0.000154	0.000882
2078 Dec	100	0.0432	0.121	0.00423	42.3	0.0386	23.1	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0286	0.0136	0.00000552	11.2	0.000013	0.000447	0.000154	0.000882
2079 Jan	100	0.0432	0.121	0.00423	42.3	0.0386	23.1	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0286	0.0136	0.00000552	11.2	0.000013	0.000447	0.000154	0.000882
2079 Feb	100	0.0432	0.121	0.00423	42.3	0.0386	23.1	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0286	0.0136	0.00000552	11.2	0.000013	0.000447	0.000154	0.000882
2079 Mar	100	0.0432	0.121	0.00423	42.3	0.0386	23.1	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0286	0.0136	0.00000552	11.2	0.000013	0.000447	0.000154	0.000882
2079 Apr	100	0.0432	0.121	0.00423	42.3	0.0386	23.1	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0286	0.0136	0.00000552	11.2	0.000013	0.000447	0.000154	0.000882
2079 May	100	0.0432	0.121	0.00423	42.4	0.0386	23.1	0.00097	0.00097	0.0000049	0.00416	0.00101	0.0286	0.0136	0.00000552	11.2	0.000013	0.000447	0.000154	0.000883
2079 Jun	100	0.0432	0.121	0.00422	42.2	0.0386	23.1	0.000968	0.000968	0.00000489	0.00417	0.00101	0.0286	0.0136	0.00000552	11.2	0.000013	0.000448	0.000154	0.000881
2079 Jul	100	0.0433	0.121	0.00423	42.3	0.0386	23.1	0.000968	0.000968	0.00000489	0.00417	0.00101	0.0287	0.0136	0.00000552	11.2	0.0000131	0.000449	0.000154	0.000882
2079 Aug	101	0.0433	0.122	0.00424	42.3	0.0386	23.2	0.000969	0.000969	0.0000049	0.00418	0.00101	0.0287	0.0137	0.00000552	11.2	0.0000131	0.000449	0.000154	0.000883
2079 Sep	101	0.0434	0.122	0.00424	42.3	0.0387	23.2	0.000969	0.000969	0.0000049	0.00418	0.00101	0.0288	0.0137	0.00000552	11.2	0.0000131	0.00045	0.000154	0.000883
2079 Oct	101	0.0434	0.122	0.00425	42.3	0.0387	23.2	0.000968	0.000968	0.00000489	0.00418	0.00101	0.0288	0.0137	0.00000552	11.2	0.0000131	0.00045	0.000154	0.000883
2079 Nov	101	0.0435	0.122	0.00425	42.3	0.0387	23.2	0.000968	0.000968	0.00000489	0.00418	0.00101	0.0288	0.0137	0.00000552	11.2	0.0000131	0.00045	0.000154	0.000882
2079 Dec	101	0.0435	0.122	0.00424	42.3	0.0387	23.2	0.000968	0.000968	0.00000489	0.00418	0.00101	0.0288	0.0137	0.00000552	11.2	0.0000131	0.00045	0.000154	0.000882
2080 Jan	101	0.0435	0.122	0.00424	42.3	0.0387	23.2	0.000968	0.000968	0.00000489	0.00418	0.00101	0.0288	0.0137	0.00000552	11.2	0.0000131	0.00045	0.000154	0.000882
2080 Feb	101	0.0435	0.122	0.00424	42.3	0.0387	23.2	0.000968	0.000968	0.00000489	0.00418	0.00101	0.0288	0.0137	0.00000552	11.2	0.0000131	0.00045	0.000154	0.000882
2080 Mar	101	0.0435	0.122	0.00424	42.3	0.0387	23.2	0.000968	0.000968	0.00000489	0.00418	0.00101	0.0288	0.0137	0.00000552	11.2	0.0000131	0.00045	0.000154	0.000882
2080 Apr	101	0.0435	0.122	0.00424	42.3	0.0387	23.2	0.000968	0.000968	0.00000489	0.00418	0.00101	0.0288	0.0137	0.00000552	11.2	0.0000131	0.00045	0.000154	0.000883
2080 May	101	0.0435	0.122	0.00425	42.4	0.0387	23.2	0.000969	0.000969	0.0000049	0.00418	0.00102	0.0288	0.0137	0.00000552	11.2	0.0000131	0.000451	0.000155	0.000883
2080 Jun	101	0.0435	0.122	0.00425	42.3	0.0387	23.2	0.000968	0.000968	0.00000489	0.00419	0.00102	0.0288	0.0137	0.00000552	11.2	0.0000131	0.000451	0.000154	0.000882
2080 Jul	101	0.0436	0.122	0.00425	42.3	0.0387	23.3	0.000968	0.000968	0.00000489	0.00419	0.00102	0.0289	0.0137	0.00000552	11.2	0.0000131	0.000452	0.000154	0.000882
2080 Aug	101	0.0436	0.122	0.00426	42.4	0.0388	23.3	0.000969	0.000969	0.0000049	0.0042	0.00102	0.0289	0.0137	0.00000553	11.2	0.0000132	0.000453	0.000155	0.000883
2080 Sep	101	0.0437	0.123	0.00427	42.4	0.0388	23.4	0.000968	0.000968	0.0000049	0.0042	0.00102	0.029	0.0137	0.00000553	11.2	0.0000132	0.000453	0.000155	0.000883
2080 Oct	101	0.0437	0.123	0.00427	42.4	0.0388	23.4	0.000968	0.000968	0.00000489	0.0042	0.00102	0.029	0.0137	0.00000553	11.2	0.0000132	0.000454	0.000155	0.000883
2080 Nov	101	0.0437	0.123	0.00427	42.4	0.0388	23.4	0.000968	0.000968	0.00000489	0.0042	0.00102	0.029	0.0137	0.00000553	11.2	0.0000132	0.000454	0.000155	0.000883
2080 Dec	101	0.0437	0.123	0.00427	42.4	0.0388	23.4	0.000968	0.000968	0.00000489	0.0042	0.00102	0.029	0.0137	0.00000553	11.2	0.0000132	0.000454	0.000155	0.000883
2081 Jan	101	0.0437	0.123	0.00427	42.4	0.0388	23.4	0.000968	0.000968	0.00000489	0.0042	0.00102	0.029	0.0137	0.00000553	11.2	0.0000132	0.000454	0.000155	0.000883
2081 Feb	101	0.0437	0.123	0.00427	42.4	0.0388	23.4	0.000968	0.000968	0.00000489	0.0042	0.00102	0.029	0.0137	0.00000553	11.2	0.0000132	0.000454	0.000155	0.000883
2081 Mar	101	0.0437	0.123	0.00427	42.4	0.0388	23.4	0.000968	0.000968	0.00000489	0.0042	0.00102	0.029	0.0137	0.00000553	11.2	0.0000132	0.000454	0.000155	0.000883
2081 Apr	101	0.0437	0.123	0.00427	42.4	0.0388	23.4	0.000968	0.000968	0.00000489	0.0042	0.00102	0.029	0.0137	0.00000553	11.2	0.0000132	0.000454	0.000155	0.000883
2081 May	101	0.0438	0.123	0.00427	42.4	0.0388	23.4	0.000968	0.000968	0.00000489	0.0042	0.00102	0.029	0.0137	0.00000553	11.3	0.0000132	0.000454	0.000155	0.000884
2081 Jun	101	0.0439	0.123	0.00427	42.4	0.0388	23.4	0.000967	0.000967	0.00000489	0.0042	0.00102	0.029	0.0138	0.00000552	11.3	0.0000132	0.000455	0.000156	0.000884
2081 Jul	101	0.044	0.123	0.00428	42.4	0.0388	23.5	0.000969	0.000969	0.0000049	0.00421	0.00102	0.0291	0.0138	0.00000553	11.3	0.0000132	0.000456	0.000156	0.000885
2081 Aug	101	0.044	0.123	0.00429	42.5	0.0389	23.5	0.00097	0.00097	0.0000049	0.00422	0.00102	0.0292	0.0138	0.00000554	11.3	0.0000132	0.000457	0.000156	0.000886
2081 Sep	102	0.0441	0.123	0.00429	42.5	0.0389	23.6	0.00097	0.00097	0.0000049	0.00422	0.00102	0.0292	0.0138	0.00000554	11.3	0.0000133	0.000457	0.000156	0.000886
2081 Oct	102	0.0441	0.124	0.00429	42.6	0.0389	23.6	0.00097	0.00097	0.0000049	0.00422	0.00103	0.0292	0.0138	0.00000554	11.3	0.0000133	0.000458	0.000156	0.000887
2081 Nov	102	0.0441	0.124	0.00429	42.5	0.0389	23.6	0.00097	0.00097	0.0000049	0.00422	0.00103	0.0292	0.0138	0.00000554	11.3	0.0000133	0.000458	0.000156	0.000886
2081 Dec	102	0.0442	0.124	0.00429	42.5	0.0389	23.6	0.00097	0.00097	0.0000049	0.00422	0.00103	0.0292	0.0138	0.00000554	11.3	0.0000133	0.000458	0.000156	0.000886
2082 Jan	102	0.0442	0.124	0.00429	42.5	0.0389	23.6	0.00097	0.00097	0.0000049	0.00422	0.00103	0.0292	0.0138	0.00000554	11.3	0.0000133	0.000458	0.000156	0.000886
2082 Feb	102	0.0442	0.124	0.00429	42.5	0.0389	23.6	0.00097	0.00097	0.0000049	0.00422	0.00103	0.0292	0.0138	0.00000554	11.3	0.0000133	0.000458	0.000156	0.000886
2082 Mar	102	0.0442	0.124	0.00429	42.5	0.0389	23.6	0.00097	0.00097	0.0000049	0.00422	0.00103	0.0292	0.0138	0.00000554	11.3	0.0000133	0.000458	0.000156	0.000886
2082 Apr	102	0.0442	0.124	0.00429	42.5	0.039	23.6	0.00097	0.00097	0.0000049	0.00422	0.00103	0.0292	0.0138	0.00000554	11.3	0.0000133	0.000458	0.000156	0.000886
2082 May	102	0.0442	0.124	0.0043	42.6	0.039	23.6	0.00097	0.00097	0.0000049	0.00422	0.00103	0.0292	0.0138	0.00000554	11.3	0.0000133	0.000458	0.000156	0.000887

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2082 Jun	101	0.0441	0.123	0.00429	42.4	0.0389	23.6	0.000969	0.000969	0.0000049	0.00423	0.00102	0.0292	0.0138	0.00000554	11.3	0.0000133	0.000458	0.000156	0.000885
2082 Jul	101	0.0441	0.124	0.00429	42.4	0.0389	23.6	0.000968	0.000968	0.00000489	0.00424	0.00103	0.0293	0.0138	0.00000553	11.3	0.0000133	0.000459	0.000156	0.000885
2082 Aug	102	0.0442	0.124	0.0043	42.5	0.039	23.6	0.000969	0.000969	0.0000049	0.00424	0.00103	0.0294	0.0138	0.00000554	11.3	0.0000134	0.000459	0.000156	0.000885
2082 Sep	102	0.0443	0.124	0.00431	42.5	0.039	23.7	0.000969	0.000969	0.0000049	0.00424	0.00103	0.0294	0.0138	0.00000554	11.3	0.0000134	0.00046	0.000156	0.000886
2082 Oct	102	0.0443	0.124	0.00431	42.5	0.039	23.7	0.000969	0.000969	0.0000049	0.00424	0.00103	0.0294	0.0138	0.00000554	11.3	0.0000134	0.00046	0.000156	0.000885
2082 Nov	102	0.0443	0.124	0.00431	42.5	0.039	23.7	0.000969	0.000969	0.0000049	0.00424	0.00103	0.0294	0.0138	0.00000554	11.3	0.0000134	0.00046	0.000156	0.000885
2082 Dec	102	0.0444	0.124	0.00431	42.5	0.039	23.7	0.000969	0.000969	0.0000049	0.00424	0.00103	0.0294	0.0138	0.00000554	11.3	0.0000134	0.00046	0.000156	0.000885
2083 Jan	102	0.0444	0.124	0.00431	42.5	0.039	23.7	0.000969	0.000969	0.0000049	0.00424	0.00103	0.0294	0.0138	0.00000554	11.3	0.0000134	0.00046	0.000156	0.000885
2083 Feb	102	0.0444	0.124	0.00431	42.5	0.039	23.7	0.000969	0.000969	0.0000049	0.00424	0.00103	0.0294	0.0138	0.00000554	11.3	0.0000134	0.00046	0.000156	0.000886
2083 Mar	102	0.0444	0.124	0.00431	42.5	0.039	23.7	0.000969	0.000969	0.0000049	0.00424	0.00103	0.0294	0.0138	0.00000554	11.3	0.0000134	0.00046	0.000156	0.000886
2083 Apr	102	0.0444	0.124	0.00431	42.5	0.039	23.7	0.000969	0.000969	0.0000049	0.00424	0.00103	0.0294	0.0138	0.00000554	11.3	0.0000134	0.00046	0.000156	0.000886
2083 May	102	0.0444	0.124	0.00431	42.5	0.039	23.7	0.000969	0.000969	0.0000049	0.00425	0.00103	0.0294	0.0139	0.00000554	11.4	0.0000134	0.000461	0.000157	0.000886
2083 Jun	102	0.0445	0.124	0.00431	42.4	0.039	23.7	0.000967	0.000967	0.00000489	0.00425	0.00103	0.0294	0.0139	0.00000553	11.4	0.0000134	0.000461	0.000158	0.000886
2083 Jul	102	0.0446	0.124	0.00431	42.5	0.039	23.8	0.000968	0.000968	0.00000489	0.00426	0.00103	0.0295	0.0139	0.00000554	11.4	0.0000134	0.000462	0.000158	0.000887
2083 Aug	102	0.0447	0.125	0.00432	42.5	0.0391	23.8	0.000968	0.000968	0.0000049	0.00426	0.00103	0.0296	0.014	0.00000554	11.4	0.0000134	0.000463	0.000158	0.000887
2083 Sep	102	0.0447	0.125	0.00433	42.5	0.0391	23.8	0.000968	0.000968	0.0000049	0.00426	0.00103	0.0296	0.014	0.00000554	11.4	0.0000134	0.000464	0.000158	0.000887
2083 Oct	102	0.0448	0.125	0.00433	42.5	0.0391	23.9	0.000967	0.000967	0.00000489	0.00426	0.00103	0.0296	0.014	0.00000554	11.4	0.0000134	0.000464	0.000158	0.000887
2083 Nov	102	0.0448	0.125	0.00433	42.5	0.0391	23.9	0.000967	0.000967	0.00000489	0.00426	0.00103	0.0296	0.014	0.00000554	11.4	0.0000135	0.000464	0.000158	0.000887
2083 Dec	102	0.0448	0.125	0.00433	42.5	0.0391	23.9	0.000967	0.000967	0.00000489	0.00426	0.00103	0.0296	0.014	0.00000554	11.4	0.0000135	0.000464	0.000158	0.000887
2084 Jan	102	0.0448	0.125	0.00433	42.5	0.0391	23.9	0.000967	0.000967	0.00000489	0.00426	0.00103	0.0296	0.014	0.00000554	11.4	0.0000135	0.000464	0.000158	0.000887
2084 Feb	102	0.0448	0.125	0.00433	42.5	0.0391	23.9	0.000967	0.000967	0.00000489	0.00426	0.00103	0.0296	0.014	0.00000554	11.4	0.0000135	0.000464	0.000158	0.000887
2084 Mar	102	0.0448	0.125	0.00433	42.5	0.0391	23.9	0.000967	0.000967	0.00000489	0.00426	0.00103	0.0296	0.014	0.00000554	11.4	0.0000135	0.000464	0.000158	0.000887
2084 Apr	102	0.0448	0.125	0.00433	42.5	0.0391	23.9	0.000967	0.000967	0.00000489	0.00426	0.00103	0.0296	0.014	0.00000554	11.4	0.0000135	0.000464	0.000158	0.000887
2084 May	102	0.0449	0.125	0.00433	42.5	0.0391	23.9	0.000968	0.000968	0.00000489	0.00427	0.00104	0.0296	0.014	0.00000554	11.5	0.0000135	0.000465	0.000159	0.000888
2084 Jun	102	0.045	0.125	0.00433	42.5	0.039	23.9	0.000966	0.000966	0.00000488	0.00427	0.00104	0.0296	0.0141	0.00000553	11.5	0.0000135	0.000466	0.00016	0.000888
2084 Jul	102	0.0451	0.125	0.00433	42.6	0.0391	23.9	0.000967	0.000967	0.00000489	0.00427	0.00104	0.0297	0.0141	0.00000554	11.5	0.0000135	0.000467	0.00016	0.000889
2084 Aug	103	0.0451	0.125	0.00434	42.6	0.0392	24	0.000968	0.000968	0.00000489	0.00428	0.00104	0.0298	0.0141	0.00000554	11.5	0.0000135	0.000467	0.00016	0.000889
2084 Sep	103	0.0452	0.126	0.00435	42.6	0.0392	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0298	0.0141	0.00000554	11.5	0.0000135	0.000468	0.00016	0.00089
2084 Oct	103	0.0452	0.126	0.00435	42.6	0.0392	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0298	0.0141	0.00000554	11.5	0.0000135	0.000468	0.00016	0.000889
2084 Nov	103	0.0452	0.126	0.00435	42.6	0.0392	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0298	0.0141	0.00000554	11.5	0.0000135	0.000468	0.00016	0.000889
2084 Dec	103	0.0452	0.126	0.00435	42.6	0.0392	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0298	0.0141	0.00000554	11.5	0.0000135	0.000468	0.00016	0.000889
2085 Jan	103	0.0452	0.126	0.00435	42.6	0.0392	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0298	0.0141	0.00000554	11.5	0.0000135	0.000468	0.00016	0.000889
2085 Feb	103	0.0452	0.126	0.00435	42.6	0.0392	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0298	0.0141	0.00000554	11.5	0.0000135	0.000468	0.00016	0.000889
2085 Mar	103	0.0452	0.126	0.00435	42.6	0.0392	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0298	0.0141	0.00000554	11.5	0.0000135	0.000468	0.00016	0.000889
2085 Apr	103	0.0453	0.126	0.00435	42.6	0.0392	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0298	0.0141	0.00000554	11.5	0.0000135	0.000468	0.00016	0.000889
2085 May	103	0.0453	0.126	0.00435	42.6	0.0392	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0298	0.0141	0.00000554	11.5	0.0000136	0.000469	0.00016	0.00089
2085 Jun	103	0.0454	0.126	0.00435	42.6	0.0392	24.1	0.000967	0.000967	0.00000489	0.00429	0.00104	0.0299	0.0142	0.00000554	11.6	0.0000136	0.00047	0.000161	0.00089
2085 Jul	103	0.0455	0.126	0.00436	42.7	0.0392	24.1	0.000968	0.000968	0.00000489	0.00429	0.00104	0.0299	0.0142	0.00000555	11.6	0.0000136	0.00047	0.000161	0.000891
2085 Aug	103	0.0455	0.126	0.00437	42.7	0.0393	24.2	0.000968	0.000968	0.00000489	0.00429	0.00105	0.03	0.0142	0.00000555	11.6	0.0000136	0.000471	0.000161	0.000892
2085 Sep	103	0.0456	0.127	0.00437	42.8	0.0393	24.2	0.000967	0.000967	0.00000489	0.0043	0.00105	0.0301	0.0142	0.00000555	11.6	0.0000136	0.000472	0.000161	0.000892
2085 Oct	103	0.0457	0.127	0.00437	42.7	0.0393	24.2	0.000967	0.000967	0.00000489	0.0043	0.00105	0.0301	0.0142	0.00000555	11.6	0.0000136	0.000472	0.000161	0.000891
2085 Nov	103	0.0457	0.127	0.00437	42.7	0.0393	24.2	0.000967	0.000967	0.00000489	0.0043	0.00105	0.0301	0.0142	0.00000555	11.6	0.0000136	0.000472	0.000161	0.000891
2085 Dec	103	0.0457	0.127	0.00437	42.7	0.0393	24.2	0.000967	0.000967	0.00000489	0.0043	0.00105	0.0301	0.0142	0.00000555	11.6	0.0000136	0.000472	0.000161	0.000891
2086 Jan	103	0.0457	0.127	0.00437	42.7	0.0393	24.2	0.000967	0.000967	0.00000489	0.0043	0.00105	0.0301	0.0142	0.00000555	11.6	0.0000136	0.000472	0.000161	0.000891
2086 Feb	103	0.0457	0.127	0.00437	42.7	0.0393	24.2	0.000967	0.000967	0.00000489	0.0043	0.00105	0.0301	0.0142	0.00000555	11.6	0.0000136	0.000472	0.000161	0.000891
2086 Mar	103	0.0457	0.127	0.00437	42.7	0.0393	24.2	0.000967	0.000967	0.00000489	0.0043	0.00105	0.0301	0.0142	0.00000555	11.6	0.0000136	0.000472	0.000161	0.000891
2086 Apr	103	0.0457	0.127	0.00438	42.7	0.0393	24.2	0.000967	0.000967	0.00000489	0.0043	0.00105	0.0301	0.0142	0.00000555	11.6	0.0000136	0.000472	0.000161	0.000891
2086 May	103	0.0457	0.127	0.00438	42.8	0.0393	24.2	0.000967	0.000967	0.00000489	0.0043	0.00105	0.0301	0.0142	0.00000555	11.6	0.0000136	0.000473	0.000161	0.000892
2086 Jun	103	0.0458	0.127	0.00437	42.7	0.0393	24.2	0.000966	0.000966	0.00000488	0.00431	0.00105	0.0301	0.0142	0.00000554	11.6	0.0000137	0.000473	0.000162	0.000891
2086 Jul	103	0.0458	0.127	0.00438	42.7	0.0393	24.3	0.000967	0.000967	0.00000489	0.00431	0.00105	0.0302	0.0143	0.00000555	11.7	0.0000137	0.000474	0.000162	0.000892
2086 Aug	103	0.0459	0.127	0.00439	42.8	0.0394	24.3	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0302	0.0143	0.00000555	11.7	0.0000137	0.000475	0.000162	0.000893
2086 Sep	103	0.046	0.127	0.00439	42.8	0.0394	24.4	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0303	0.0143	0.00000555	11.7	0.0000137	0.000476	0.000162	0.000893
2086 Oct	103	0.046	0.127	0.0044	42.8	0.0394	24.4	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0303	0.0143	0.00000555	11.7	0.0000137	0.000476	0.000162	0.000893
2086 Nov	103	0.046	0.127	0.0044	42.8	0.0394	24.4	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0303	0.0143	0.00000555	11.7	0.0000137	0.000476	0.000162	0.000893
2086 Dec	103	0.046	0.127	0.0044	42.8	0.0394	24.4	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0303	0.0143	0.00000555	11.7	0.0000137	0.000476	0.000162	0.000893
2087 Jan	103	0.046	0.127	0.0044	42.8	0.0394	24.4	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0303	0.0143	0.00000555	11.7	0.0000137	0.000476	0.000162	0.000893
2087 Feb	103	0.046	0.127	0.0044	42.8	0.0394	24.4	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0303	0.0143	0.00000555	11.7	0.0000137	0.000476	0.000162	0.000893
2087 Mar	103	0.046	0.127	0.0044	42.8	0.0394	24.4	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0303	0.0143	0.00000555	11.7	0.0000137	0.000476	0.000162	0.000893
2087 Apr	103	0.046	0.127	0.0044	42.8	0.0394	24.4	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0303	0.0143	0.00000555	11.7	0.0000137	0.000476	0.000163	0.000893
2087 May	104	0.0461	0.127	0.0044	42.8	0.0394	24.4	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0303	0.0143	0.00000555	11.7	0.0000137	0.000476	0.000163	0.000893
2087 Jun	104	0.0462	0.127	0.00439	42.8	0.0394	24.4	0.000966	0.000966	0.00000489	0.00433	0.00105	0.0303	0.0144	0.00000555	11.7	0.0000138	0.000477	0.000164	0.000894
2087 Jul	104	0.0463	0.128	0.0044	42.8	0.0394	24.5	0.000967	0.000967	0.00000489	0.00433	0.00106	0.0304	0.0144	0.00000556	11.8	0.0000138	0.000478	0.000164	0.000895
2087 Aug	104	0.0463	0.128	0.00441	42.9	0.0395	24.5	0.000968	0.000968	0.0000049	0.00433	0.00106	0.0304	0.0144	0.00000556	11.8	0.0000138	0.000479	0.000164	0.000896
2087 Sep	104	0.0464	0.128	0.00441	42.9	0.0395	24.5	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0305	0.0144	0.00000557	11.8	0.0000138	0.00048	0.000165	0.000896
2087 Oct	104	0.0464	0.128	0.00442	42.9	0.0395	24.6	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0305	0.0144	0.00000556	11.8	0.0000138	0.00048	0.000165	0.000896
2087 Nov	104	0.0464	0.128	0.00442	42.9	0.0395	24.6	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0305	0.0144	0.00000556	11.8	0.0000138	0.00048	0.000165	0.000896
2087 Dec	104	0.0464	0.128	0.00442	42.9	0.0395	24.6	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0305	0.0144	0.00000556	11.8	0.0000138	0.00048	0.000165	0.000896
2088 Jan	104	0.0464	0.128	0.00442	42.9	0.0395	24.6	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0305	0.0144	0.00000556	11.8	0.0000138	0.00048	0.000165	0.000896
2088 Feb	104	0.0464	0.128	0.00442	42.9	0.0395	24.6	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0305	0.0144	0.00000556	11.8	0.0000138	0.00048	0.000165	0.000896
2088 Mar	104	0.0464	0.128	0.00442	42.9	0.0395	24.6	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0305	0.0144	0.00000556	11.8	0.0000138	0.00048	0.000165	0.000896
2088 Apr	104	0.0464	0.128	0.00442	42.9	0.0395	24.6	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0305	0.0144	0.00000557	11.8	0.0000138	0.00048	0.000165	0.000897
2088 May	104	0.0465	0.128	0.00442	43	0.0396	24.6	0.000969	0.000969	0.0000049	0.00434	0.00106	0.0305	0.0144	0.00000557	11.8	0.0000138	0.00048	0.000165	0.000897
2088 Jun	104	0.0464	0.128	0.00442	42.9	0.0395	24.6	0.000968	0.000968	0.0000049	0.00435	0.00106	0.0305	0.0144	0.00000557	11.8	0.0000139	0.00048	0.000165	0.000896
2088 Jul	104	0.0465	0.128	0.00443	43	0.0396	24.6	0.000969	0.000969	0.0000049	0.00435	0.00106	0.0306	0.0144	0.00000557	11.8	0.0000139	0.000481	0.000165	0.000897
2088 Aug	104	0.0466	0.129	0.00444	43	0.0397	24.7	0.000971	0.000971	0.00000491	0.00436	0.00106	0.0306	0.0145	0.00000558	11.8	0.0000139	0.000482	0.000165	0.000899
2088 Sep	104	0.0466	0.129	0.00444	43.1	0.0397	24.7	0.000971	0.000971	0.00000491	0.00436	0.00106	0.0307	0.0145	0.00000558	11.8	0.0000139	0.000483	0.000165	0.000899
2088 Oct	104	0.0467	0.129	0.00444	43	0.0397	24.7	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0307	0.0145	0.00000558	11.8	0.0000139	0.000483	0.000165	0.000898

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2088 Nov	104	0.0467	0.129	0.00444	43	0.0397	24.7	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0307	0.0145	0.00000558	11.8	0.0000139	0.000483	0.000165	0.000898
2088 Dec	104	0.0467	0.129	0.00444	43	0.0397	24.7	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0307	0.0145	0.00000558	11.8	0.0000139	0.000483	0.000165	0.000898
2089 Jan	104	0.0467	0.129	0.00444	43	0.0397	24.7	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0307	0.0145	0.00000558	11.8	0.0000139	0.000483	0.000165	0.000898
2089 Feb	104	0.0467	0.129	0.00444	43	0.0397	24.7	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0307	0.0145	0.00000558	11.8	0.0000139	0.000483	0.000165	0.000898
2089 Mar	104	0.0467	0.129	0.00444	43	0.0397	24.7	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0307	0.0145	0.00000558	11.8	0.0000139	0.000483	0.000165	0.000898
2089 Apr	104	0.0467	0.129	0.00444	43	0.0397	24.7	0.00097	0.00097	0.00000491	0.00437	0.00106	0.0307	0.0145	0.00000558	11.8	0.0000139	0.000483	0.000165	0.000899
2089 May	104	0.0468	0.129	0.00444	43	0.0397	24.7	0.00097	0.00097	0.00000491	0.00437	0.00106	0.0307	0.0145	0.00000558	11.8	0.0000139	0.000484	0.000166	0.000899
2089 Jun	105	0.0469	0.129	0.00444	43	0.0397	24.8	0.00097	0.00097	0.00000491	0.00437	0.00107	0.0307	0.0146	0.00000558	11.9	0.000014	0.000485	0.000167	0.0009
2089 Jul	105	0.047	0.129	0.00445	43.1	0.0398	24.8	0.000971	0.000971	0.00000491	0.00438	0.00107	0.0308	0.0146	0.00000559	11.9	0.000014	0.000486	0.000167	0.000901
2089 Aug	105	0.047	0.13	0.00446	43.1	0.0398	24.8	0.000972	0.000972	0.00000492	0.00438	0.00107	0.0308	0.0146	0.00000559	11.9	0.000014	0.000486	0.000167	0.000902
2089 Sep	105	0.0471	0.13	0.00446	43.2	0.0398	24.9	0.000972	0.000972	0.00000492	0.00439	0.00107	0.0309	0.0146	0.00000559	11.9	0.000014	0.000487	0.000167	0.000902
2089 Oct	105	0.0472	0.13	0.00446	43.1	0.0398	24.9	0.000971	0.000971	0.00000491	0.00439	0.00107	0.0309	0.0146	0.00000559	11.9	0.000014	0.000487	0.000167	0.000902
2089 Nov	105	0.0472	0.13	0.00446	43.1	0.0398	24.9	0.000971	0.000971	0.00000491	0.00439	0.00107	0.0309	0.0146	0.00000559	11.9	0.000014	0.000487	0.000167	0.000902
2089 Dec	105	0.0472	0.13	0.00446	43.1	0.0398	24.9	0.000971	0.000971	0.00000491	0.00439	0.00107	0.0309	0.0146	0.00000559	11.9	0.000014	0.000487	0.000167	0.000902
2090 Jan	105	0.0472	0.13	0.00446	43.1	0.0398	24.9	0.000971	0.000971	0.00000491	0.00439	0.00107	0.0309	0.0146	0.00000559	11.9	0.000014	0.000487	0.000167	0.000902
2090 Feb	105	0.0472	0.13	0.00446	43.1	0.0398	24.9	0.000971	0.000971	0.00000491	0.00439	0.00107	0.0309	0.0146	0.00000559	11.9	0.000014	0.000487	0.000167	0.000902
2090 Mar	105	0.0472	0.13	0.00446	43.1	0.0398	24.9	0.000971	0.000971	0.00000491	0.00439	0.00107	0.0309	0.0146	0.00000559	11.9	0.000014	0.000487	0.000167	0.000902
2090 Apr	105	0.0472	0.13	0.00446	43.2	0.0398	24.9	0.000971	0.000971	0.00000491	0.00439	0.00107	0.0309	0.0146	0.00000559	11.9	0.000014	0.000487	0.000167	0.000902
2090 May	105	0.0472	0.13	0.00447	43.2	0.0399	24.9	0.000971	0.000971	0.00000491	0.00439	0.00107	0.0309	0.0146	0.00000559	11.9	0.000014	0.000487	0.000167	0.000902
2090 Jun	105	0.0473	0.13	0.00446	43.1	0.0398	24.9	0.00097	0.00097	0.00000491	0.0044	0.00107	0.0309	0.0147	0.00000558	12	0.000014	0.000488	0.000168	0.000902
2090 Jul	105	0.0474	0.13	0.00447	43.1	0.0398	24.9	0.000971	0.000971	0.00000491	0.0044	0.00107	0.031	0.0147	0.00000559	12	0.0000141	0.000489	0.000168	0.000903
2090 Aug	105	0.0474	0.13	0.00447	43.1	0.0399	25	0.00097	0.00097	0.00000491	0.0044	0.00107	0.031	0.0147	0.00000559	12	0.0000141	0.00049	0.000168	0.000902
2090 Sep	105	0.0475	0.13	0.00447	43.1	0.0399	25	0.00097	0.00097	0.00000491	0.0044	0.00107	0.0311	0.0147	0.00000559	12	0.0000141	0.00049	0.000168	0.000902
2090 Oct	105	0.0476	0.13	0.00447	43.1	0.0399	25	0.000969	0.000969	0.0000049	0.00441	0.00107	0.0311	0.0147	0.00000558	12	0.0000141	0.00049	0.000168	0.000902
2090 Nov	105	0.0476	0.13	0.00447	43.1	0.0399	25	0.000968	0.000968	0.0000049	0.00441	0.00107	0.0311	0.0147	0.00000558	12	0.0000141	0.00049	0.000168	0.000902
2090 Dec	105	0.0476	0.13	0.00447	43.1	0.0399	25	0.000968	0.000968	0.0000049	0.00441	0.00107	0.0311	0.0147	0.00000558	12	0.0000141	0.00049	0.000168	0.000902
2091 Jan	105	0.0476	0.13	0.00447	43.1	0.0399	25	0.000968	0.000968	0.0000049	0.00441	0.00107	0.0311	0.0147	0.00000558	12	0.0000141	0.00049	0.000168	0.000902
2091 Feb	105	0.0476	0.13	0.00447	43.1	0.0399	25	0.000968	0.000968	0.0000049	0.00441	0.00107	0.0311	0.0147	0.00000558	12	0.0000141	0.00049	0.000168	0.000902
2091 Mar	105	0.0476	0.13	0.00447	43.1	0.0399	25	0.000969	0.000969	0.0000049	0.00441	0.00107	0.0311	0.0147	0.00000558	12	0.0000141	0.00049	0.000168	0.000902
2091 Apr	105	0.0476	0.13	0.00448	43.1	0.0399	25	0.000969	0.000969	0.0000049	0.00441	0.00107	0.0311	0.0147	0.00000558	12	0.0000141	0.00049	0.000168	0.000902
2091 May	105	0.0477	0.13	0.00448	43.1	0.0399	25	0.000969	0.000969	0.0000049	0.00441	0.00108	0.0311	0.0147	0.00000559	12	0.0000141	0.000491	0.000168	0.000902
2091 Jun	105	0.0477	0.13	0.00447	43.1	0.0399	25	0.000968	0.000968	0.0000049	0.00441	0.00108	0.0311	0.0148	0.00000558	12.1	0.0000141	0.000491	0.000169	0.000903
2091 Jul	105	0.0478	0.13	0.00448	43.1	0.0399	25.1	0.000969	0.000969	0.0000049	0.00442	0.00108	0.0311	0.0148	0.00000559	12.1	0.0000141	0.000492	0.00017	0.000904
2091 Aug	105	0.0479	0.131	0.00449	43.2	0.04	25.1	0.00097	0.00097	0.00000491	0.00442	0.00108	0.0312	0.0148	0.00000559	12.1	0.0000142	0.000493	0.00017	0.000904
2091 Sep	106	0.048	0.131	0.00449	43.2	0.04	25.1	0.000969	0.000969	0.0000049	0.00443	0.00108	0.0312	0.0148	0.00000559	12.1	0.0000142	0.000493	0.00017	0.000904
2091 Oct	106	0.048	0.131	0.00449	43.2	0.04	25.2	0.000969	0.000969	0.0000049	0.00442	0.00108	0.0313	0.0148	0.00000559	12.1	0.0000142	0.000494	0.00017	0.000904
2091 Nov	105	0.048	0.131	0.00449	43.1	0.04	25.2	0.000968	0.000968	0.0000049	0.00443	0.00108	0.0313	0.0148	0.00000559	12.1	0.0000142	0.000494	0.00017	0.000904
2091 Dec	105	0.048	0.131	0.00449	43.1	0.04	25.2	0.000968	0.000968	0.0000049	0.00443	0.00108	0.0313	0.0148	0.00000559	12.1	0.0000142	0.000494	0.00017	0.000904
2092 Jan	105	0.048	0.131	0.00449	43.1	0.04	25.2	0.000968	0.000968	0.0000049	0.00443	0.00108	0.0313	0.0148	0.00000559	12.1	0.0000142	0.000494	0.00017	0.000904
2092 Feb	105	0.048	0.131	0.00449	43.1	0.04	25.2	0.000968	0.000968	0.0000049	0.00443	0.00108	0.0313	0.0148	0.00000559	12.1	0.0000142	0.000494	0.00017	0.000904
2092 Mar	105	0.048	0.131	0.00449	43.1	0.04	25.2	0.000968	0.000968	0.0000049	0.00443	0.00108	0.0313	0.0148	0.00000559	12.1	0.0000142	0.000494	0.00017	0.000904
2092 Apr	106	0.0481	0.131	0.00449	43.1	0.04	25.2	0.000969	0.000969	0.0000049	0.00443	0.00108	0.0313	0.0148	0.00000559	12.1	0.0000142	0.000494	0.00017	0.000904
2092 May	106	0.0481	0.131	0.00449	43.2	0.04	25.2	0.000969	0.000969	0.0000049	0.00443	0.00108	0.0313	0.0148	0.00000559	12.1	0.0000142	0.000494	0.00017	0.000904
2092 Jun	105	0.0482	0.131	0.00449	43	0.0399	25.2	0.000967	0.000967	0.00000489	0.00443	0.00108	0.0313	0.0149	0.00000558	12.2	0.0000142	0.000495	0.000171	0.000904
2092 Jul	106	0.0482	0.131	0.00449	43.1	0.04	25.2	0.000967	0.000967	0.00000489	0.00444	0.00108	0.0313	0.0149	0.00000558	12.2	0.0000142	0.000496	0.000171	0.000904
2092 Aug	106	0.0483	0.131	0.0045	43.1	0.04	25.3	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0314	0.0149	0.00000559	12.2	0.0000142	0.000497	0.000172	0.000905
2092 Sep	106	0.0484	0.132	0.00451	43.2	0.04	25.3	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0314	0.0149	0.00000559	12.2	0.0000143	0.000497	0.000172	0.000905
2092 Oct	106	0.0484	0.132	0.00451	43.2	0.04	25.3	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0314	0.0149	0.00000559	12.2	0.0000143	0.000497	0.000172	0.000905
2092 Nov	106	0.0484	0.132	0.00451	43.2	0.04	25.3	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0314	0.0149	0.00000559	12.2	0.0000143	0.000497	0.000172	0.000905
2092 Dec	106	0.0484	0.132	0.00451	43.2	0.04	25.3	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0314	0.0149	0.00000559	12.2	0.0000143	0.000497	0.000172	0.000905
2093 Jan	106	0.0484	0.132	0.00451	43.2	0.04	25.3	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0314	0.0149	0.00000559	12.2	0.0000143	0.000497	0.000172	0.000905
2093 Feb	106	0.0484	0.132	0.00451	43.2	0.04	25.3	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0314	0.0149	0.00000559	12.2	0.0000143	0.000497	0.000172	0.000905
2093 Mar	106	0.0484	0.132	0.00451	43.2	0.0401	25.3	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0314	0.0149	0.00000559	12.2	0.0000143	0.000497	0.000172	0.000905
2093 Apr	106	0.0484	0.132	0.00451	43.2	0.0401	25.3	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0314	0.0149	0.00000559	12.2	0.0000143	0.000498	0.000172	0.000906
2093 May	106	0.0485	0.132	0.00451	43.2	0.0401	25.3	0.000968	0.000968	0.0000049	0.00445	0.00109	0.0315	0.015	0.00000559	12.2	0.0000143	0.000498	0.000172	0.000906
2093 Jun	106	0.0485	0.132	0.00451	43.1	0.04	25.3	0.000967	0.000967	0.00000489	0.00445	0.00109	0.0315	0.015	0.00000558	12.2	0.0000143	0.000498	0.000173	0.000906
2093 Jul	106	0.0486	0.132	0.00452	43.2	0.0401	25.4	0.000968	0.000968	0.0000049	0.00446	0.00109	0.0315	0.015	0.00000559	12.3	0.0000143	0.000499	0.000173	0.000907
2093 Aug	106	0.0487	0.132	0.00452	43.3	0.0401	25.4	0.000969	0.000969	0.0000049	0.00446	0.00109	0.0316	0.0151	0.0000056	12.3	0.0000143	0.0005	0.000173	0.000908
2093 Sep	106	0.0488	0.132	0.00453	43.3	0.0402	25.5	0.000969	0.000969	0.0000049	0.00446	0.00109	0.0316	0.0151	0.0000056	12.3	0.0000143	0.000501	0.000173	0.000908
2093 Oct	106	0.0488	0.132	0.00453	43.3	0.0402	25.5	0.000968	0.000968	0.0000049	0.00446	0.00109	0.0316	0.0151	0.00000559	12.3	0.0000143	0.000501	0.000173	0.000908
2093 Nov	106	0.0489	0.132	0.00453	43.3	0.0402	25.5	0.000967	0.000967	0.0000049	0.00446	0.00109	0.0316	0.0151	0.00000559	12.3	0.0000143	0.000501	0.000173	0.000908
2093 Dec	106	0.0489	0.132	0.00453	43.3	0.0402	25.5	0.000967	0.000967	0.0000049	0.00446	0.00109	0.0316	0.0151	0.00000559	12.3	0.0000143	0.000501	0.000173	0.000908
2094 Jan	106	0.0489	0.132	0.00453	43.3	0.0402	25.5	0.000967	0.000967	0.0000049	0.00446	0.00109	0.0316	0.0151	0.00000559	12.3	0.0000143	0.000501	0.000173	0.000908
2094 Feb	106	0.0489	0.132	0.00453	43.3	0.0402	25.5	0.000967	0.000967	0.0000049	0.00446	0.00109	0.0316	0.0151	0.00000559	12.3	0.0000143	0.000501	0.000173	0.000908
2094 Mar	106	0.0489	0.132	0.00453	43.3	0.0402	25.5	0.000968	0.000968	0.0000049	0.00447	0.00109	0.0316	0.0151	0.00000559	12.3	0.0000143	0.000501	0.000173	0.000908
2094 Apr	106	0.0489	0.132	0.00453	43.3	0.0402	25.5	0.000968	0.000968	0.0000049	0.00447	0.00109	0.0316	0.0151	0.00000559	12.3	0.0000143	0.000501	0.000173	0.000908
2094 May	106	0.0489	0.132	0.00453	43.3	0.0402	25.5	0.000968	0.000968	0.0000049	0.00447	0.00109	0.0316	0.0151	0.00000559	12.3	0.0000144	0.000501	0.000174	0.000908
2094 Jun	106	0.049	0.132	0.00453	43.3	0.0402	25.5	0.000967	0.000967	0.0000049	0.00447	0.0011	0.0317	0.0151	0.00000559	12.3	0.0000144	0.000502	0.000175	0.000909
2094 Jul	107	0.0491	0.133	0.00454	43.3	0.0402	25.6	0.000969	0.000969	0.0000049	0.00448	0.0011	0.0317	0.0152	0.0000056	12.4	0.0000144	0.000503	0.000175	0.00091
2094 Aug	107	0.0492	0.133	0.00455	43.4	0.0403	25.6	0.00097	0.00097	0.00000491	0.00449	0.0011	0.0318	0.0152	0.00000561	12.4	0.0000144	0.000504	0.000175	0.000912
2094 Sep	107	0.0493	0.133	0.00455	43.4	0.0403	25.6	0.00097	0.00097	0.00000491	0.00449	0.0011	0.0319	0.0152	0.00000561	12.4	0.0000144	0.000505	0.000175	0.000912
2094 Oct	107	0.0493	0.133	0.00456	43.4	0.0403	25.7	0.00097	0.00097	0.00000491	0.00449	0.0011	0.0319	0.0152	0.00000561	12.4	0.0000144	0.000505	0.000175	0.000912
2094 Nov	107	0.0494	0.133	0.00455	43.4	0.0403	25.7	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0319	0.0152	0.00000561	12.4	0.0000144	0.000505	0.000175	0.000911
2094 Dec	107	0.0494	0.133	0.00455	43.4	0.0403	25.7	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0319	0.0152	0.0000056	12.4	0.0000144	0.000505	0.000175	0.000911
2095 Jan	107	0.0494	0.133	0.00455	43.4	0.0403	25.7	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0319	0.0152	0.0000056	12.4	0.0000144	0.000505	0.000175	0.000911
2095 Feb	107	0.0494	0.133	0.00455	43.4	0.0403	25.7	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0319	0.0152	0.0000056	12.4	0.0000144	0.000505	0.000175	0.000911
2095 Mar	107	0.0494	0.133	0.00455	43.4	0.0403	25.7	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0319	0.0152	0.00000561	12.4	0.0000144	0.000505	0.000175	0.000911

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2095 Apr	107	0.0494	0.133	0.00455	43.4	0.0403	25.7	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0319	0.0152	0.00000561	12.4	0.0000144	0.000505	0.000175	0.000911
2095 May	107	0.0494	0.133	0.00456	43.4	0.0403	25.7	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0319	0.0152	0.00000561	12.4	0.0000145	0.000506	0.000175	0.000912
2095 Jun	107	0.0495	0.133	0.00456	43.4	0.0404	25.7	0.000969	0.000969	0.00000491	0.0045	0.0011	0.0319	0.0152	0.00000561	12.4	0.0000145	0.000506	0.000176	0.000912
2095 Jul	107	0.0496	0.134	0.00457	43.5	0.0404	25.8	0.000971	0.000971	0.00000491	0.00451	0.0011	0.032	0.0153	0.00000562	12.4	0.0000145	0.000508	0.000176	0.000914
2095 Aug	107	0.0497	0.134	0.00458	43.6	0.0405	25.8	0.000971	0.000971	0.00000491	0.00451	0.00111	0.0321	0.0153	0.00000562	12.4	0.0000145	0.000509	0.000176	0.000914
2095 Sep	107	0.0497	0.134	0.00458	43.6	0.0405	25.8	0.000971	0.000971	0.00000491	0.00451	0.00111	0.0321	0.0153	0.00000562	12.4	0.0000145	0.000509	0.000176	0.000915
2095 Oct	107	0.0498	0.134	0.00458	43.6	0.0405	25.9	0.000971	0.000971	0.00000491	0.00451	0.00111	0.0321	0.0153	0.00000562	12.5	0.0000145	0.000509	0.000176	0.000915
2095 Nov	107	0.0498	0.134	0.00458	43.6	0.0405	25.9	0.000971	0.000971	0.00000491	0.00451	0.00111	0.0321	0.0153	0.00000562	12.4	0.0000145	0.00051	0.000176	0.000914
2095 Dec	107	0.0498	0.134	0.00458	43.6	0.0405	25.9	0.000971	0.000971	0.00000491	0.00451	0.00111	0.0321	0.0153	0.00000562	12.4	0.0000145	0.000509	0.000176	0.000914
2096 Jan	107	0.0498	0.134	0.00458	43.6	0.0405	25.9	0.000971	0.000971	0.00000491	0.00451	0.00111	0.0321	0.0153	0.00000562	12.4	0.0000145	0.000509	0.000176	0.000914
2096 Feb	107	0.0498	0.134	0.00458	43.6	0.0405	25.9	0.000971	0.000971	0.00000491	0.00451	0.00111	0.0321	0.0153	0.00000562	12.4	0.0000145	0.000509	0.000176	0.000914
2096 Mar	107	0.0498	0.134	0.00458	43.6	0.0405	25.9	0.000971	0.000971	0.00000491	0.00451	0.00111	0.0321	0.0153	0.00000562	12.5	0.0000145	0.00051	0.000176	0.000914
2096 Apr	107	0.0498	0.134	0.00459	43.6	0.0405	25.9	0.000971	0.000971	0.00000491	0.00451	0.00111	0.0321	0.0153	0.00000562	12.5	0.0000145	0.00051	0.000176	0.000915
2096 May	108	0.0498	0.134	0.00459	43.6	0.0405	25.9	0.000971	0.000971	0.00000491	0.00451	0.00111	0.0321	0.0153	0.00000562	12.5	0.0000145	0.00051	0.000177	0.000915
2096 Jun	107	0.0498	0.134	0.00458	43.5	0.0404	25.9	0.000969	0.000969	0.0000049	0.00452	0.00111	0.0321	0.0153	0.00000561	12.5	0.0000146	0.00051	0.000177	0.000913
2096 Jul	108	0.0499	0.134	0.00459	43.5	0.0405	25.9	0.00097	0.00097	0.00000491	0.00452	0.00111	0.0322	0.0153	0.00000562	12.5	0.0000146	0.000511	0.000177	0.000914
2096 Aug	108	0.05	0.135	0.0046	43.6	0.0406	26	0.000971	0.000971	0.00000491	0.00453	0.00111	0.0323	0.0154	0.00000563	12.5	0.0000146	0.000512	0.000177	0.000915
2096 Sep	108	0.05	0.135	0.0046	43.6	0.0406	26	0.000971	0.000971	0.00000491	0.00453	0.00111	0.0323	0.0154	0.00000563	12.5	0.0000146	0.000513	0.000177	0.000916
2096 Oct	108	0.0501	0.135	0.0046	43.6	0.0406	26	0.00097	0.00097	0.00000491	0.00453	0.00111	0.0323	0.0154	0.00000562	12.5	0.0000146	0.000513	0.000177	0.000915
2096 Nov	108	0.0501	0.135	0.0046	43.6	0.0406	26	0.00097	0.00097	0.00000491	0.00453	0.00111	0.0323	0.0154	0.00000562	12.5	0.0000146	0.000513	0.000177	0.000915
2096 Dec	108	0.0501	0.135	0.0046	43.6	0.0406	26	0.00097	0.00097	0.00000491	0.00453	0.00111	0.0323	0.0154	0.00000562	12.5	0.0000146	0.000513	0.000177	0.000915
2097 Jan	108	0.0501	0.135	0.0046	43.6	0.0406	26	0.00097	0.00097	0.00000491	0.00453	0.00111	0.0323	0.0154	0.00000562	12.5	0.0000146	0.000513	0.000177	0.000915
2097 Feb	108	0.0501	0.135	0.0046	43.6	0.0406	26	0.00097	0.00097	0.00000491	0.00453	0.00111	0.0323	0.0154	0.00000562	12.5	0.0000146	0.000513	0.000177	0.000915
2097 Mar	108	0.0501	0.135	0.0046	43.6	0.0406	26	0.00097	0.00097	0.00000491	0.00453	0.00111	0.0323	0.0154	0.00000562	12.5	0.0000146	0.000513	0.000177	0.000915
2097 Apr	108	0.0501	0.135	0.0046	43.6	0.0406	26	0.00097	0.00097	0.00000491	0.00453	0.00111	0.0323	0.0154	0.00000562	12.5	0.0000146	0.000513	0.000177	0.000915
2097 May	108	0.0502	0.135	0.0046	43.6	0.0406	26	0.00097	0.00097	0.00000491	0.00454	0.00111	0.0323	0.0154	0.00000562	12.5	0.0000146	0.000513	0.000177	0.000916
2097 Jun	108	0.0503	0.135	0.0046	43.6	0.0406	26	0.00097	0.00097	0.00000491	0.00454	0.00111	0.0324	0.0154	0.00000562	12.5	0.0000147	0.000514	0.000178	0.000916
2097 Jul	108	0.0503	0.135	0.00461	43.7	0.0407	26.1	0.000971	0.000971	0.00000492	0.00455	0.00111	0.0324	0.0154	0.00000563	12.6	0.0000147	0.000515	0.000178	0.000917
2097 Aug	108	0.0504	0.136	0.00462	43.7	0.0407	26.1	0.000972	0.000972	0.00000492	0.00455	0.00112	0.0325	0.0155	0.00000564	12.6	0.0000147	0.000516	0.000179	0.000918
2097 Sep	108	0.0505	0.136	0.00463	43.8	0.0408	26.2	0.000973	0.000973	0.00000492	0.00455	0.00112	0.0325	0.0155	0.00000564	12.6	0.0000147	0.000516	0.000179	0.000919
2097 Oct	108	0.0505	0.136	0.00463	43.8	0.0408	26.2	0.000972	0.000972	0.00000492	0.00455	0.00112	0.0325	0.0155	0.00000564	12.6	0.0000147	0.000517	0.000179	0.000919
2097 Nov	108	0.0505	0.136	0.00463	43.8	0.0408	26.2	0.000972	0.000972	0.00000492	0.00455	0.00112	0.0325	0.0155	0.00000564	12.6	0.0000147	0.000517	0.000179	0.000919
2097 Dec	108	0.0505	0.136	0.00463	43.8	0.0408	26.2	0.000972	0.000972	0.00000492	0.00455	0.00112	0.0325	0.0155	0.00000564	12.6	0.0000147	0.000517	0.000179	0.000919
2098 Jan	108	0.0505	0.136	0.00463	43.8	0.0408	26.2	0.000972	0.000972	0.00000492	0.00455	0.00112	0.0325	0.0155	0.00000564	12.6	0.0000147	0.000517	0.000179	0.000919
2098 Feb	108	0.0505	0.136	0.00463	43.8	0.0408	26.2	0.000972	0.000972	0.00000492	0.00455	0.00112	0.0325	0.0155	0.00000564	12.6	0.0000147	0.000517	0.000179	0.000919
2098 Mar	108	0.0505	0.136	0.00463	43.8	0.0408	26.2	0.000972	0.000972	0.00000492	0.00455	0.00112	0.0325	0.0155	0.00000564	12.6	0.0000147	0.000517	0.000179	0.000919
2098 Apr	108	0.0505	0.136	0.00463	43.8	0.0408	26.2	0.000972	0.000972	0.00000492	0.00455	0.00112	0.0326	0.0155	0.00000564	12.6	0.0000147	0.000517	0.000179	0.000919
2098 May	108	0.0506	0.136	0.00463	43.8	0.0408	26.2	0.000972	0.000972	0.00000492	0.00456	0.00112	0.0325	0.0155	0.00000564	12.6	0.0000147	0.000517	0.000179	0.000919
2098 Jun	108	0.0507	0.136	0.00462	43.7	0.0407	26.2	0.00097	0.00097	0.00000491	0.00456	0.00112	0.0326	0.0156	0.00000563	12.7	0.0000148	0.000518	0.00018	0.000919
2098 Jul	109	0.0508	0.136	0.00463	43.8	0.0408	26.3	0.000972	0.000972	0.00000492	0.00457	0.00112	0.0326	0.0156	0.00000564	12.7	0.0000148	0.000519	0.000181	0.00092
2098 Aug	109	0.0509	0.136	0.00464	43.8	0.0408	26.3	0.000972	0.000972	0.00000492	0.00457	0.00112	0.0327	0.0156	0.00000564	12.7	0.0000148	0.00052	0.000181	0.000921
2098 Sep	109	0.0509	0.137	0.00465	43.8	0.0408	26.3	0.000971	0.000971	0.00000492	0.00457	0.00112	0.0327	0.0156	0.00000564	12.7	0.0000148	0.00052	0.000181	0.00092
2098 Oct	109	0.051	0.137	0.00465	43.8	0.0408	26.4	0.00097	0.00097	0.00000491	0.00457	0.00112	0.0327	0.0156	0.00000563	12.7	0.0000148	0.000521	0.000181	0.00092
2098 Nov	109	0.051	0.137	0.00465	43.8	0.0408	26.4	0.00097	0.00097	0.00000491	0.00457	0.00112	0.0327	0.0156	0.00000563	12.7	0.0000148	0.000521	0.000181	0.00092
2098 Dec	109	0.051	0.137	0.00465	43.8	0.0408	26.4	0.00097	0.00097	0.00000491	0.00457	0.00112	0.0327	0.0156	0.00000563	12.7	0.0000148	0.000521	0.000181	0.00092
2099 Jan	109	0.051	0.137	0.00465	43.8	0.0408	26.4	0.00097	0.00097	0.00000491	0.00457	0.00112	0.0327	0.0156	0.00000563	12.7	0.0000148	0.000521	0.000181	0.00092
2099 Feb	109	0.051	0.137	0.00465	43.8	0.0408	26.4	0.00097	0.00097	0.00000491	0.00457	0.00112	0.0327	0.0156	0.00000563	12.7	0.0000148	0.000521	0.000181	0.00092
2099 Mar	109	0.051	0.137	0.00465	43.8	0.0408	26.4	0.00097	0.00097	0.00000491	0.00457	0.00112	0.0327	0.0156	0.00000563	12.7	0.0000148	0.000521	0.000181	0.00092
2099 Apr	109	0.0511	0.137	0.00465	43.8	0.0408	26.4	0.00097	0.00097	0.00000491	0.00457	0.00112	0.0328	0.0156	0.00000563	12.7	0.0000148	0.000521	0.000181	0.00092
2099 May	109	0.0511	0.137	0.00464	43.8	0.0408	26.4	0.000969	0.000969	0.00000491	0.00457	0.00112	0.0327	0.0157	0.00000563	12.7	0.0000148	0.000521	0.000182	0.000921
2099 Jun	109	0.0512	0.137	0.00465	43.8	0.0408	26.4	0.000969	0.000969	0.0000049	0.00457	0.00113	0.0328	0.0157	0.00000563	12.7	0.0000148	0.000522	0.000182	0.000921
2099 Jul	109	0.0513	0.137	0.00466	43.8	0.0409	26.5	0.00097	0.00097	0.00000491	0.00458	0.00113	0.0329	0.0157	0.00000564	12.8	0.0000149	0.000523	0.000182	0.000922
2099 Aug	109	0.0514	0.137	0.00467	43.9	0.0409	26.5	0.000971	0.000971	0.00000492	0.00459	0.00113	0.0329	0.0157	0.00000564	12.8	0.0000149	0.000524	0.000182	0.000923
2099 Sep	109	0.0514	0.137	0.00467	43.9	0.041	26.5	0.000971	0.000971	0.00000491	0.00459	0.00113	0.033	0.0157	0.00000564	12.8	0.0000149	0.000525	0.000182	0.000923
2099 Oct	109	0.0515	0.138	0.00467	43.9	0.041	26.6	0.00097	0.00097	0.00000491	0.00459	0.00113	0.033	0.0157	0.00000564	12.8	0.0000149	0.000525	0.000182	0.000923
2099 Nov	109	0.0515	0.137	0.00467	43.9	0.041	26.6	0.00097	0.00097	0.00000491	0.00459	0.00113	0.033	0.0157	0.00000564	12.8	0.0000149	0.000525	0.000182	0.000922
2099 Dec	109	0.0515	0.137	0.00467	43.9	0.041	26.6	0.00097	0.00097	0.00000491	0.00459	0.00113	0.033	0.0157	0.00000564	12.8	0.0000149	0.000525	0.000182	0.000922
2100 Jan	109	0.0515	0.137	0.00467	43.9	0.041	26.6	0.00097	0.00097	0.00000491	0.00459	0.00113	0.033	0.0157	0.00000564	12.8	0.0000149	0.000525	0.000182	0.000922
2100 Feb	109	0.0515	0.137	0.00467	43.9	0.041	26.6	0.00097	0.00097	0.00000491	0.00459	0.00113	0.033	0.0157	0.00000564	12.8	0.0000149	0.000525	0.000182	0.000922
2100 Mar	109	0.0515	0.137	0.00467	43.9	0.041	26.6	0.00097	0.00097	0.00000491	0.00459	0.00113	0.033	0.0157	0.00000564	12.8	0.0000149	0.000525	0.000182	0.000923
2100 Apr	109	0.0515	0.138	0.00467	43.9	0.041	26.6	0.00097	0.00097	0.00000491	0.00459	0.00113	0.033	0.0157	0.00000564	12.8	0.0000149	0.000525	0.000182	0.000923
2100 May	109	0.0516	0.138	0.00467	43.9	0.041	26.6	0.00097	0.00097	0.00000491	0.00459	0.00113	0.033	0.0158	0.00000564	12.8	0.0000149	0.000525	0.000183	0.000923
2100 Jun	109	0.0516	0.138	0.00467	43.9	0.0409	26.6	0.000968	0.000968	0.0000049	0.00459	0.00113	0.033	0.0158	0.00000563	12.8	0.0000149	0.000526	0.000184	0.000923
2100 Jul	109	0.0517	0.138	0.00468	43.9	0.041	26.6	0.000969	0.000969	0.0000049	0.0046	0.00113	0.0331	0.0158	0.00000564	12.8	0.0000149	0.000527	0.000184	0.000923
2100 Aug	110	0.0518	0.138	0.00469	43.9	0.041	26.7	0.000969	0.000969	0.0000049	0.0046	0.00113	0.0331	0.0158	0.00000564	12.8	0.000015	0.000528	0.000184	0.000923
2100 Sep	110	0.0518	0.138	0.00469	44	0.041	26.7	0.000969	0.000969	0.0000049	0.0046	0.00113	0.0332	0.0158	0.00000564	12.9	0.000015	0.000528	0.000184	0.000923
2100 Oct	110	0.0519	0.138	0.00469	44	0.041	26.7	0.000969	0.000969	0.0000049	0.0046	0.00113	0.0332	0.0158	0.00000564	12.9	0.000015	0.000529	0.000184	0.000924
2100 Nov	110	0.0519	0.138	0.00469	44	0.041	26.7	0.000969	0.000969	0.0000049	0.0046	0.00113	0.0332	0.0158	0.00000564	12.9	0.000015	0.000529	0.000184	0.000924
2100 Dec	110	0.0519	0.138	0.00469	44	0.041	26.7	0.000969	0.000969	0.00000491	0.0046	0.00113	0.0332	0.0158	0.00000564	12.9	0.000015	0.000529	0.000184	0.000924
2101 Jan	110	0.0519	0.138	0.00469	44	0.041	26.7	0.000969	0.000969	0.00000491	0.0046	0.00113	0.0332	0.0158	0.00000564	12.9	0.000015	0.000529	0.000184	0.000924
2101 Feb	110	0.0519	0.138	0.00469	44	0.041	26.7	0.000969	0.000969	0.00000491	0.0046	0.00113	0.0332	0.0158	0.00000564	12.9	0.000015	0.000529	0.000184	0.000924
2101 Mar	110	0.0519	0.138	0.00469	44	0.041	26.7	0.000969	0.000969	0.00000491	0.0046	0.00113	0.0332	0.0158	0.00000564	12.9	0.000015	0.000529	0.000184	0.000924
2101 Apr	110	0.0519	0.138	0.00469	44	0.041	26.7	0.000969	0.000969	0.00000491	0.0046	0.00113	0.0332	0.0158	0.00000564	12.9	0.000015	0.000529	0.000184	0.000924
2101 May	110	0.0519	0.138	0.00469	44	0.041	26.7	0.000969	0.000969	0.00000491	0.0046	0.00114	0.0332	0.0159	0.00000564	12.9	0.000015	0.000529	0.000184	0.000924
2101 Jun	110	0.052	0.138	0.00469	44	0.041	26.7	0.000968	0.000968	0.0000049	0.00461	0.00114	0.0332	0.0159	0.00000564	12.9	0.000015	0.00053	0.000185	0.000924
2101 Jul	110	0.0521	0.139	0.0047	44	0.0411	26.8	0.000969	0.000969	0.00000491	0.00461	0.00114	0.0333	0.0159	0.00000564	12.9	0.000015	0.000531	0.000185	0.000926
2101 Aug	110	0.0522	0.139	0.00471	44.1	0.0411	26.9	0.000971	0.000971	0.00000491	0.00462	0.00114	0.0333	0.0159	0.00000565	12.9	0.000015	0.000532	0.000185	0.000927

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2101 Sep	110	0.0522	0.139	0.00471	44.1	0.0412	26.9	0.00097	0.00097	0.00000491	0.00462	0.00114	0.0334	0.0159	0.00000565	12.9	0.0000151	0.000532	0.000185	0.000927
2101 Oct	110	0.0522	0.139	0.00472	44.1	0.0412	26.9	0.00097	0.00097	0.00000491	0.00462	0.00114	0.0334	0.0159	0.00000565	12.9	0.0000151	0.000532	0.000185	0.000927
2101 Nov	110	0.0523	0.139	0.00472	44.1	0.0412	26.9	0.00097	0.00097	0.00000491	0.00462	0.00114	0.0334	0.0159	0.00000565	12.9	0.0000151	0.000533	0.000185	0.000927
2101 Dec	110	0.0523	0.139	0.00472	44.1	0.0412	26.9	0.00097	0.00097	0.00000491	0.00462	0.00114	0.0334	0.0159	0.00000565	12.9	0.0000151	0.000532	0.000185	0.000927
2102 Jan	110	0.0523	0.139	0.00472	44.1	0.0412	26.9	0.00097	0.00097	0.00000491	0.00462	0.00114	0.0334	0.0159	0.00000565	12.9	0.0000151	0.000532	0.000185	0.000927
2102 Feb	110	0.0523	0.139	0.00472	44.1	0.0412	26.9	0.00097	0.00097	0.00000491	0.00462	0.00114	0.0334	0.0159	0.00000565	12.9	0.0000151	0.000532	0.000185	0.000927
2102 Mar	110	0.0523	0.139	0.00472	44.1	0.0412	26.9	0.00097	0.00097	0.00000491	0.00462	0.00114	0.0334	0.0159	0.00000565	12.9	0.0000151	0.000533	0.000185	0.000927
2102 Apr	110	0.0523	0.139	0.00472	44.1	0.0412	26.9	0.00097	0.00097	0.00000491	0.00462	0.00114	0.0334	0.0159	0.00000565	12.9	0.0000151	0.000533	0.000185	0.000927
2102 May	110	0.0523	0.139	0.00472	44.1	0.0412	26.9	0.00097	0.00097	0.00000491	0.00462	0.00114	0.0334	0.0159	0.00000565	12.9	0.0000151	0.000533	0.000186	0.000927
2102 Jun	110	0.0522	0.139	0.00471	44	0.0411	26.9	0.000969	0.000969	0.00000491	0.00463	0.00114	0.0334	0.0159	0.00000565	12.9	0.0000151	0.000532	0.000185	0.000925
2102 Jul	110	0.0522	0.139	0.00472	44	0.0411	26.9	0.000969	0.000969	0.00000491	0.00463	0.00114	0.0335	0.0159	0.00000565	12.9	0.0000151	0.000533	0.000185	0.000925
2102 Aug	110	0.0523	0.139	0.00472	44.1	0.0412	27	0.00097	0.00097	0.00000491	0.00464	0.00114	0.0335	0.0159	0.00000565	12.9	0.0000151	0.000534	0.000185	0.000926
2102 Sep	110	0.0524	0.14	0.00473	44.1	0.0412	27	0.00097	0.00097	0.00000491	0.00464	0.00114	0.0336	0.0159	0.00000565	12.9	0.0000151	0.000535	0.000185	0.000926
2102 Oct	110	0.0524	0.14	0.00473	44.1	0.0412	27	0.000969	0.000969	0.00000491	0.00464	0.00114	0.0336	0.0159	0.00000565	12.9	0.0000151	0.000535	0.000185	0.000926
2102 Nov	110	0.0524	0.14	0.00473	44.1	0.0412	27	0.000969	0.000969	0.00000491	0.00464	0.00114	0.0336	0.0159	0.00000565	12.9	0.0000151	0.000535	0.000185	0.000926
2102 Dec	110	0.0524	0.14	0.00473	44.1	0.0412	27	0.000969	0.000969	0.00000491	0.00464	0.00114	0.0336	0.0159	0.00000565	12.9	0.0000151	0.000535	0.000185	0.000926
2103 Jan	110	0.0524	0.14	0.00473	44.1	0.0412	27	0.000969	0.000969	0.00000491	0.00464	0.00114	0.0336	0.0159	0.00000565	12.9	0.0000151	0.000535	0.000185	0.000926
2103 Feb	110	0.0524	0.14	0.00473	44.1	0.0412	27	0.000969	0.000969	0.00000491	0.00464	0.00114	0.0336	0.0159	0.00000565	12.9	0.0000151	0.000535	0.000185	0.000926
2103 Mar	110	0.0524	0.14	0.00473	44.1	0.0412	27	0.000969	0.000969	0.00000491	0.00464	0.00114	0.0336	0.0159	0.00000565	12.9	0.0000151	0.000535	0.000185	0.000926
2103 Apr	110	0.0524	0.14	0.00473	44.1	0.0412	27	0.000969	0.000969	0.00000491	0.00464	0.00114	0.0336	0.0159	0.00000565	12.9	0.0000151	0.000535	0.000185	0.000926
2103 May	110	0.0525	0.14	0.00473	44.1	0.0412	27	0.000969	0.000969	0.00000491	0.00465	0.00114	0.0336	0.016	0.00000565	13	0.0000152	0.000535	0.000186	0.000926
2103 Jun	110	0.0526	0.14	0.00473	44	0.0412	27	0.000968	0.000968	0.0000049	0.00465	0.00115	0.0336	0.016	0.00000564	13	0.0000152	0.000536	0.000187	0.000926
2103 Jul	110	0.0526	0.14	0.00473	44.1	0.0412	27.1	0.000968	0.000968	0.0000049	0.00465	0.00115	0.0336	0.016	0.00000565	13	0.0000152	0.000536	0.000187	0.000927
2103 Aug	110	0.0527	0.14	0.00474	44.1	0.0413	27.1	0.000969	0.000969	0.00000491	0.00465	0.00115	0.0337	0.016	0.00000565	13	0.0000152	0.000537	0.000187	0.000927
2103 Sep	111	0.0527	0.14	0.00474	44.1	0.0413	27.1	0.000968	0.000968	0.0000049	0.00466	0.00115	0.0337	0.016	0.00000565	13	0.0000152	0.000538	0.000187	0.000927
2103 Oct	110	0.0528	0.14	0.00474	44	0.0413	27.1	0.000967	0.000967	0.0000049	0.00466	0.00115	0.0337	0.016	0.00000564	13	0.0000152	0.000538	0.000186	0.000926
2103 Nov	110	0.0528	0.14	0.00474	44	0.0413	27.1	0.000967	0.000967	0.0000049	0.00466	0.00115	0.0337	0.016	0.00000564	13	0.0000152	0.000538	0.000186	0.000926
2103 Dec	110	0.0528	0.14	0.00474	44	0.0413	27.1	0.000967	0.000967	0.0000049	0.00466	0.00115	0.0337	0.016	0.00000564	13	0.0000152	0.000538	0.000186	0.000926
2104 Jan	110	0.0528	0.14	0.00474	44	0.0413	27.1	0.000967	0.000967	0.0000049	0.00466	0.00115	0.0337	0.016	0.00000564	13	0.0000152	0.000538	0.000186	0.000926
2104 Feb	110	0.0528	0.14	0.00474	44	0.0413	27.1	0.000967	0.000967	0.0000049	0.00466	0.00115	0.0337	0.016	0.00000564	13	0.0000152	0.000538	0.000186	0.000926
2104 Mar	110	0.0528	0.14	0.00474	44	0.0413	27.1	0.000967	0.000967	0.0000049	0.00466	0.00115	0.0337	0.016	0.00000564	13	0.0000152	0.000538	0.000186	0.000926
2104 Apr	110	0.0528	0.14	0.00474	44	0.0413	27.1	0.000967	0.000967	0.0000049	0.00466	0.00115	0.0337	0.016	0.00000564	13	0.0000152	0.000538	0.000186	0.000926
2104 May	111	0.0529	0.14	0.00474	44	0.0413	27.1	0.000967	0.000967	0.0000049	0.00466	0.00115	0.0337	0.0161	0.00000564	13	0.0000152	0.000538	0.000187	0.000927
2104 Jun	111	0.053	0.14	0.00474	44	0.0412	27.1	0.000966	0.000966	0.00000489	0.00466	0.00115	0.0337	0.0161	0.00000564	13.1	0.0000152	0.000539	0.000188	0.000927
2104 Jul	111	0.053	0.14	0.00475	44.1	0.0413	27.2	0.000967	0.000967	0.0000049	0.00467	0.00115	0.0338	0.0161	0.00000564	13.1	0.0000153	0.00054	0.000188	0.000928
2104 Aug	111	0.0531	0.141	0.00476	44.1	0.0413	27.3	0.000967	0.000967	0.0000049	0.00467	0.00115	0.0339	0.0161	0.00000565	13.1	0.0000153	0.000541	0.000188	0.000928
2104 Sep	111	0.0532	0.141	0.00476	44.1	0.0414	27.3	0.000967	0.000967	0.0000049	0.00467	0.00115	0.0339	0.0161	0.00000565	13.1	0.0000153	0.000541	0.000188	0.000928
2104 Oct	111	0.0532	0.141	0.00476	44.1	0.0414	27.3	0.000966	0.000966	0.00000489	0.00467	0.00115	0.0339	0.0161	0.00000564	13.1	0.0000153	0.000541	0.000188	0.000928
2104 Nov	111	0.0532	0.141	0.00476	44.1	0.0414	27.3	0.000966	0.000966	0.00000489	0.00467	0.00115	0.0339	0.0161	0.00000564	13.1	0.0000153	0.000541	0.000188	0.000928
2104 Dec	111	0.0532	0.141	0.00476	44.1	0.0414	27.3	0.000966	0.000966	0.00000489	0.00467	0.00115	0.0339	0.0161	0.00000564	13.1	0.0000153	0.000541	0.000188	0.000928
2105 Jan	111	0.0532	0.141	0.00476	44.1	0.0414	27.3	0.000966	0.000966	0.00000489	0.00467	0.00115	0.0339	0.0161	0.00000564	13.1	0.0000153	0.000541	0.000188	0.000928
2105 Feb	111	0.0532	0.141	0.00476	44.1	0.0414	27.3	0.000966	0.000966	0.00000489	0.00467	0.00115	0.0339	0.0161	0.00000564	13.1	0.0000153	0.000541	0.000188	0.000928
2105 Mar	111	0.0532	0.141	0.00476	44.1	0.0414	27.3	0.000966	0.000966	0.00000489	0.00467	0.00115	0.0339	0.0161	0.00000564	13.1	0.0000153	0.000541	0.000188	0.000928
2105 Apr	111	0.0532	0.141	0.00476	44.1	0.0414	27.3	0.000966	0.000966	0.00000489	0.00467	0.00115	0.0339	0.0161	0.00000564	13.1	0.0000153	0.000541	0.000188	0.000928
2105 May	111	0.0533	0.141	0.00476	44.1	0.0414	27.3	0.000966	0.000966	0.00000489	0.00467	0.00115	0.0339	0.0162	0.00000564	13.1	0.0000153	0.000542	0.000188	0.000928
2105 Jun	111	0.0534	0.141	0.00476	44.1	0.0414	27.3	0.000966	0.000966	0.00000489	0.00468	0.00116	0.034	0.0162	0.00000564	13.1	0.0000153	0.000542	0.000189	0.000929
2105 Jul	111	0.0535	0.141	0.00477	44.2	0.0414	27.4	0.000967	0.000967	0.0000049	0.00468	0.00116	0.034	0.0162	0.00000565	13.2	0.0000153	0.000543	0.000189	0.00093
2105 Aug	111	0.0535	0.142	0.00478	44.2	0.0415	27.4	0.000966	0.000966	0.0000049	0.00468	0.00116	0.0341	0.0162	0.00000565	13.2	0.0000153	0.000544	0.000189	0.00093
2105 Sep	111	0.0536	0.142	0.00478	44.2	0.0415	27.5	0.000966	0.000966	0.00000489	0.00468	0.00116	0.0341	0.0162	0.00000565	13.2	0.0000153	0.000545	0.000189	0.000929
2105 Oct	111	0.0536	0.142	0.00478	44.2	0.0415	27.5	0.000965	0.000965	0.00000489	0.00468	0.00116	0.0341	0.0162	0.00000565	13.1	0.0000153	0.000545	0.000189	0.000929
2105 Nov	111	0.0537	0.142	0.00478	44.2	0.0415	27.5	0.000965	0.000965	0.00000489	0.00468	0.00116	0.0341	0.0162	0.00000564	13.1	0.0000153	0.000545	0.000189	0.000929
2105 Dec	111	0.0537	0.142	0.00478	44.2	0.0415	27.5	0.000965	0.000965	0.00000489	0.00468	0.00116	0.0341	0.0162	0.00000564	13.1	0.0000153	0.000545	0.000189	0.000929
2106 Jan	111	0.0537	0.142	0.00478	44.2	0.0415	27.5	0.000965	0.000965	0.00000489	0.00468	0.00116	0.0341	0.0162	0.00000564	13.1	0.0000153	0.000545	0.000189	0.000929
2106 Feb	111	0.0537	0.142	0.00478	44.2	0.0415	27.5	0.000965	0.000965	0.00000489	0.00468	0.00116	0.0341	0.0162	0.00000564	13.1	0.0000153	0.000545	0.000189	0.000929
2106 Mar	111	0.0537	0.142	0.00478	44.2	0.0415	27.5	0.000965	0.000965	0.00000489	0.00468	0.00116	0.0341	0.0162	0.00000564	13.1	0.0000153	0.000545	0.000189	0.000929
2106 Apr	111	0.0537	0.142	0.00478	44.2	0.0415	27.5	0.000965	0.000965	0.00000489	0.00468	0.00116	0.0341	0.0162	0.00000564	13.1	0.0000153	0.000545	0.000189	0.000929
2106 May	111	0.0537	0.142	0.00478	44.2	0.0415	27.5	0.000965	0.000965	0.00000489	0.00469	0.00116	0.0342	0.0162	0.00000565	13.2	0.0000154	0.000545	0.000189	0.000929
2106 Jun	111	0.0537	0.142	0.00478	44.1	0.0414	27.5	0.000964	0.000964	0.00000488	0.00469	0.00116	0.0341	0.0163	0.00000564	13.2	0.0000154	0.000545	0.00019	0.000929
2106 Jul	111	0.0538	0.142	0.00479	44.2	0.0415	27.5	0.000965	0.000965	0.00000489	0.0047	0.00116	0.0342	0.0163	0.00000564	13.2	0.0000154	0.000547	0.00019	0.00093
2106 Aug	111	0.0539	0.142	0.0048	44.2	0.0415	27.6	0.000965	0.000965	0.00000489	0.0047	0.00116	0.0343	0.0163	0.00000565	13.2	0.0000154	0.000547	0.00019	0.00093
2106 Sep	112	0.0539	0.142	0.0048	44.2	0.0416	27.6	0.000964	0.000964	0.00000488	0.0047	0.00116	0.0343	0.0163	0.00000564	13.2	0.0000154	0.000548	0.00019	0.00093
2106 Oct	112	0.0539	0.142	0.0048	44.2	0.0416	27.6	0.000964	0.000964	0.00000488	0.0047	0.00116	0.0343	0.0163	0.00000564	13.2	0.0000154	0.000548	0.00019	0.00093
2106 Nov	112	0.0539	0.142	0.0048	44.2	0.0416	27.6	0.000964	0.000964	0.00000488	0.0047	0.00116	0.0343	0.0163	0.00000564	13.2	0.0000154	0.000548	0.00019	0.00093
2106 Dec	112	0.0539	0.142	0.0048	44.2	0.0416	27.6	0.000964	0.000964	0.00000488	0.0047	0.00116	0.0343	0.0163	0.00000564	13.2	0.0000154	0.000548	0.00019	0.00093
2107 Jan	112	0.0539	0.142	0.0048	44.2	0.0416	27.6	0.000964	0.000964	0.00000488	0.0047	0.00116	0.0343	0.0163	0.00000564	13.2	0.0000154	0.000548	0.00019	0.00093
2107 Feb	112	0.0539	0.142	0.0048	44.2	0.0416	27.6	0.000964	0.000964	0.00000488	0.0047	0.00116	0.0343	0.0163	0.00000564	13.2	0.0000154	0.000548	0.00019	0.00093
2107 Mar	112	0.0539	0.142	0.0048	44.2	0.0416	27.6	0.000964	0.000964	0.00000488	0.0047	0.00116	0.0343	0.0163	0.00000564	13.2	0.0000154	0.000548	0.00019	0.00093
2107 Apr	112	0.0539	0.142	0.0048	44.2	0.0416	27.6	0.000964	0.000964	0.00000488	0.0047	0.00116	0.0343	0.0163	0.00000565	13.2	0.0000154	0.000548	0.00019	0.00093
2107 May	112	0.054	0.142	0.0048	44.2	0.0416	27.6	0.000964	0.000964	0.00000488	0.0047	0.00116	0.0343	0.0163	0.00000565	13.2	0.0000154	0.000548	0.00019	0.00093
2107 Jun	112	0.0541	0.142	0.0048	44.2	0.0415	27.6	0.000964	0.000964	0.00000488	0.00471	0.00116	0.0343	0.0164	0.00000564	13.3	0.0000154	0.000549	0.000191	0.00093
2107 Jul	112	0.0541	0.143	0.00481	44.2	0.0416	27.7	0.000964	0.000964	0.00000488	0.00471	0.00117	0.0344	0.0164	0.00000565	13.3	0.0000155	0.00055	0.000191	0.000931
2107 Aug	112	0.0542	0.143	0.00482	44.3	0.0416	27.7	0.000965	0.000965	0.00000489	0.00471	0.00117	0.0345	0.0164	0.00000565	13.3	0.0000155	0.000551	0.000191	0.000932
2107 Sep	112	0.0543	0.143	0.00482	44.3	0.0417	27.8	0.000965	0.000965	0.00000489	0.00472	0.00117	0.0345	0.0164	0.00000565	13.3	0.0000155	0.000551	0.000191	0.000932
2107 Oct	112	0.0543	0.143	0.00482	44.3	0.0417	27.8	0.000965	0.000965	0.00000489	0.00472	0.00117	0.0345	0.0164	0.00000565	13.3	0.0000155	0.000552	0.000191	0.000932
2107 Nov	112	0.0543	0.143	0.00482	44.3	0.0417	27.8	0.000965	0.000965	0.00000489	0.00472	0.00117	0.0345	0.0164	0.00000565	13.3	0.0000155	0.000552	0.000191	0.000932
2107 Dec	112	0.0543	0.143	0.00482	44.3	0.0417	27.8	0.000965	0.000965	0.00000489	0.00472	0.00117	0.0345	0.0164	0.00000565	13.3	0.0000155	0.000552	0.000191	0.000932
2108 Jan	112	0.0543	0.143	0.00482	44.3	0.0417	27.8	0.000965	0.000965	0.00000489	0.00472	0.00117	0.0345	0.0164	0.00000565	13.3	0.0000155	0.000552	0.000191	0.000932

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2108 Feb	112	0.0543	0.143	0.00482	44.3	0.0417	27.8	0.000965	0.000965	0.00000489	0.00472	0.00117	0.0345	0.0164	0.00000565	13.3	0.0000155	0.000552	0.000191	0.000932
2108 Mar	112	0.0543	0.143	0.00482	44.3	0.0417	27.8	0.000965	0.000965	0.00000489	0.00472	0.00117	0.0345	0.0164	0.00000565	13.3	0.0000155	0.000552	0.000191	0.000932
2108 Apr	112	0.0543	0.143	0.00482	44.3	0.0417	27.8	0.000965	0.000965	0.00000489	0.00472	0.00117	0.0345	0.0164	0.00000565	13.3	0.0000155	0.000552	0.000191	0.000933
2108 May	112	0.0544	0.143	0.00483	44.3	0.0417	27.8	0.000965	0.000965	0.00000489	0.00472	0.00117	0.0346	0.0164	0.00000566	13.3	0.0000155	0.000552	0.000192	0.000933
2108 Jun	112	0.0543	0.143	0.00482	44.3	0.0417	27.8	0.000965	0.000965	0.00000489	0.00473	0.00117	0.0346	0.0164	0.00000566	13.3	0.0000155	0.000552	0.000191	0.000932
2108 Jul	112	0.0544	0.144	0.00483	44.4	0.0418	27.8	0.000966	0.000966	0.0000049	0.00473	0.00117	0.0346	0.0164	0.00000566	13.3	0.0000156	0.000553	0.000192	0.000934
2108 Aug	112	0.0545	0.144	0.00484	44.4	0.0418	27.9	0.000968	0.000968	0.0000049	0.00474	0.00117	0.0347	0.0165	0.00000567	13.3	0.0000156	0.000554	0.000192	0.000935
2108 Sep	113	0.0546	0.144	0.00485	44.5	0.0419	27.9	0.000968	0.000968	0.0000049	0.00474	0.00117	0.0347	0.0165	0.00000567	13.3	0.0000156	0.000555	0.000192	0.000935
2108 Oct	112	0.0546	0.144	0.00485	44.4	0.0418	27.9	0.000967	0.000967	0.0000049	0.00474	0.00117	0.0347	0.0165	0.00000567	13.3	0.0000156	0.000555	0.000192	0.000935
2108 Nov	112	0.0547	0.144	0.00485	44.4	0.0419	27.9	0.000967	0.000967	0.0000049	0.00474	0.00117	0.0347	0.0165	0.00000567	13.3	0.0000156	0.000555	0.000192	0.000935
2108 Dec	112	0.0547	0.144	0.00485	44.4	0.0419	27.9	0.000967	0.000967	0.0000049	0.00474	0.00117	0.0347	0.0165	0.00000567	13.3	0.0000156	0.000555	0.000192	0.000935
2109 Jan	112	0.0547	0.144	0.00485	44.4	0.0419	27.9	0.000967	0.000967	0.0000049	0.00474	0.00117	0.0347	0.0165	0.00000567	13.3	0.0000156	0.000555	0.000192	0.000935
2109 Feb	112	0.0547	0.144	0.00485	44.4	0.0419	27.9	0.000967	0.000967	0.0000049	0.00474	0.00117	0.0347	0.0165	0.00000567	13.3	0.0000156	0.000555	0.000192	0.000935
2109 Mar	112	0.0547	0.144	0.00485	44.4	0.0419	27.9	0.000967	0.000967	0.0000049	0.00474	0.00117	0.0347	0.0165	0.00000567	13.3	0.0000156	0.000555	0.000192	0.000935
2109 Apr	112	0.0547	0.144	0.00485	44.4	0.0419	27.9	0.000967	0.000967	0.0000049	0.00474	0.00117	0.0347	0.0165	0.00000567	13.3	0.0000156	0.000555	0.000192	0.000935
2109 May	113	0.0547	0.144	0.00485	44.4	0.0419	27.9	0.000967	0.000967	0.0000049	0.00475	0.00117	0.0348	0.0165	0.00000567	13.4	0.0000156	0.000555	0.000192	0.000935
2109 Jun	113	0.0548	0.144	0.00485	44.4	0.0419	28	0.000967	0.000967	0.0000049	0.00475	0.00118	0.0348	0.0165	0.00000567	13.4	0.0000156	0.000556	0.000193	0.000936
2109 Jul	113	0.0549	0.144	0.00486	44.5	0.0419	28	0.000967	0.000967	0.0000049	0.00476	0.00118	0.0348	0.0166	0.00000567	13.4	0.0000156	0.000557	0.000193	0.000937
2109 Aug	113	0.0549	0.145	0.00486	44.5	0.042	28.1	0.000968	0.000968	0.00000491	0.00476	0.00118	0.0349	0.0166	0.00000568	13.4	0.0000157	0.000558	0.000194	0.000938
2109 Sep	113	0.055	0.145	0.00487	44.5	0.042	28.1	0.000968	0.000968	0.00000491	0.00476	0.00118	0.0349	0.0166	0.00000568	13.4	0.0000157	0.000558	0.000194	0.000938
2109 Oct	113	0.0551	0.145	0.00486	44.5	0.042	28.1	0.000967	0.000967	0.0000049	0.00476	0.00118	0.0349	0.0166	0.00000567	13.4	0.0000157	0.000558	0.000193	0.000937
2109 Nov	113	0.0551	0.145	0.00486	44.5	0.042	28.1	0.000967	0.000967	0.0000049	0.00476	0.00118	0.0349	0.0166	0.00000567	13.4	0.0000157	0.000558	0.000193	0.000937
2109 Dec	113	0.0551	0.145	0.00486	44.5	0.042	28.1	0.000967	0.000967	0.0000049	0.00476	0.00118	0.0349	0.0166	0.00000567	13.4	0.0000157	0.000558	0.000193	0.000937
2110 Jan	113	0.0551	0.145	0.00486	44.5	0.042	28.1	0.000967	0.000967	0.0000049	0.00476	0.00118	0.0349	0.0166	0.00000567	13.4	0.0000157	0.000558	0.000193	0.000937
2110 Feb	113	0.0551	0.145	0.00486	44.5	0.042	28.1	0.000967	0.000967	0.0000049	0.00476	0.00118	0.0349	0.0166	0.00000568	13.4	0.0000157	0.000558	0.000193	0.000937
2110 Mar	113	0.0551	0.145	0.00486	44.5	0.042	28.1	0.000967	0.000967	0.0000049	0.00476	0.00118	0.0349	0.0166	0.00000568	13.4	0.0000157	0.000558	0.000193	0.000937
2110 Apr	113	0.0551	0.145	0.00487	44.5	0.042	28.1	0.000967	0.000967	0.0000049	0.00476	0.00118	0.0349	0.0166	0.00000568	13.4	0.0000157	0.000558	0.000193	0.000937
2110 May	113	0.0551	0.145	0.00487	44.5	0.042	28.1	0.000967	0.000967	0.0000049	0.00477	0.00118	0.0349	0.0166	0.00000568	13.4	0.0000157	0.000559	0.000194	0.000938
2110 Jun	113	0.0552	0.145	0.00486	44.4	0.0419	28.1	0.000966	0.000966	0.0000049	0.00477	0.00118	0.0349	0.0167	0.00000567	13.5	0.0000157	0.000559	0.000195	0.000938
2110 Jul	113	0.0553	0.145	0.00487	44.5	0.042	28.1	0.000967	0.000967	0.0000049	0.00477	0.00118	0.035	0.0167	0.00000567	13.5	0.0000157	0.00056	0.000195	0.000939
2110 Aug	113	0.0553	0.145	0.00487	44.4	0.042	28.1	0.000966	0.000966	0.00000489	0.00477	0.00118	0.035	0.0167	0.00000567	13.5	0.0000157	0.00056	0.000195	0.000938
2110 Sep	113	0.0554	0.145	0.00487	44.4	0.042	28.2	0.000964	0.000964	0.00000489	0.00477	0.00118	0.035	0.0166	0.00000566	13.5	0.0000157	0.00056	0.000195	0.000937
2110 Oct	113	0.0554	0.145	0.00487	44.4	0.042	28.1	0.000963	0.000963	0.00000488	0.00477	0.00118	0.035	0.0166	0.00000566	13.5	0.0000157	0.00056	0.000194	0.000936
2110 Nov	113	0.0555	0.145	0.00487	44.4	0.042	28.2	0.000963	0.000963	0.00000488	0.00477	0.00118	0.035	0.0166	0.00000566	13.5	0.0000157	0.00056	0.000194	0.000936
2110 Dec	113	0.0555	0.145	0.00487	44.4	0.042	28.2	0.000963	0.000963	0.00000488	0.00477	0.00118	0.035	0.0166	0.00000566	13.5	0.0000157	0.00056	0.000194	0.000936
2111 Jan	113	0.0555	0.145	0.00487	44.4	0.042	28.2	0.000963	0.000963	0.00000488	0.00477	0.00118	0.035	0.0166	0.00000566	13.5	0.0000157	0.00056	0.000194	0.000936
2111 Feb	113	0.0555	0.145	0.00487	44.4	0.042	28.2	0.000963	0.000963	0.00000488	0.00477	0.00118	0.035	0.0166	0.00000566	13.5	0.0000157	0.00056	0.000194	0.000936
2111 Mar	113	0.0555	0.145	0.00487	44.4	0.042	28.2	0.000963	0.000963	0.00000488	0.00477	0.00118	0.035	0.0166	0.00000566	13.5	0.0000157	0.00056	0.000194	0.000936
2111 Apr	113	0.0555	0.145	0.00487	44.4	0.042	28.2	0.000963	0.000963	0.00000488	0.00477	0.00118	0.035	0.0166	0.00000566	13.5	0.0000157	0.00056	0.000194	0.000936
2111 May	113	0.0555	0.145	0.00487	44.4	0.042	28.2	0.000963	0.000963	0.00000488	0.00478	0.00118	0.035	0.0167	0.00000566	13.5	0.0000157	0.000561	0.000195	0.000937
2111 Jun	113	0.0556	0.145	0.00486	44.3	0.0419	28.2	0.000963	0.000963	0.00000488	0.00478	0.00118	0.035	0.0167	0.00000565	13.5	0.0000157	0.000561	0.000196	0.000937
2111 Jul	113	0.0557	0.145	0.00487	44.4	0.042	28.2	0.000964	0.000964	0.00000488	0.00479	0.00119	0.0351	0.0167	0.00000566	13.6	0.0000158	0.000562	0.000196	0.000938
2111 Aug	113	0.0557	0.145	0.00488	44.4	0.0421	28.2	0.000964	0.000964	0.00000488	0.00479	0.00119	0.0351	0.0168	0.00000566	13.6	0.0000158	0.000563	0.000196	0.000938
2111 Sep	113	0.0558	0.145	0.00488	44.4	0.0421	28.3	0.000963	0.000963	0.00000488	0.00479	0.00119	0.0352	0.0168	0.00000566	13.6	0.0000158	0.000563	0.000196	0.000938
2111 Oct	113	0.0558	0.145	0.00488	44.4	0.0421	28.3	0.000963	0.000963	0.00000488	0.00479	0.00119	0.0352	0.0167	0.00000566	13.6	0.0000158	0.000563	0.000196	0.000938
2111 Nov	113	0.0559	0.145	0.00488	44.4	0.0421	28.3	0.000962	0.000962	0.00000488	0.00479	0.00119	0.0352	0.0167	0.00000566	13.6	0.0000158	0.000563	0.000196	0.000938
2111 Dec	113	0.0559	0.145	0.00488	44.4	0.0421	28.3	0.000962	0.000962	0.00000488	0.00479	0.00119	0.0352	0.0167	0.00000566	13.6	0.0000158	0.000563	0.000196	0.000938
2112 Jan	113	0.0559	0.145	0.00488	44.4	0.0421	28.3	0.000962	0.000962	0.00000488	0.00479	0.00119	0.0352	0.0167	0.00000566	13.6	0.0000158	0.000563	0.000196	0.000938
2112 Feb	113	0.0559	0.145	0.00488	44.4	0.0421	28.3	0.000962	0.000962	0.00000488	0.00479	0.00119	0.0352	0.0167	0.00000566	13.6	0.0000158	0.000563	0.000196	0.000938
2112 Mar	113	0.0559	0.145	0.00488	44.4	0.0421	28.3	0.000962	0.000962	0.00000488	0.00479	0.00119	0.0352	0.0167	0.00000566	13.6	0.0000158	0.000563	0.000196	0.000938
2112 Apr	113	0.0559	0.145	0.00488	44.4	0.0421	28.3	0.000962	0.000962	0.00000488	0.00479	0.00119	0.0352	0.0167	0.00000566	13.6	0.0000158	0.000563	0.000196	0.000938
2112 May	113	0.0559	0.145	0.00488	44.4	0.0421	28.3	0.000963	0.000963	0.00000488	0.00479	0.00119	0.0352	0.0168	0.00000566	13.6	0.0000158	0.000564	0.000196	0.000938
2112 Jun	113	0.056	0.145	0.00487	44.3	0.042	28.3	0.00096	0.00096	0.00000487	0.00479	0.00119	0.0352	0.0168	0.00000565	13.6	0.0000158	0.000564	0.000197	0.000938
2112 Jul	113	0.056	0.146	0.00488	44.3	0.042	28.3	0.000961	0.000961	0.00000487	0.0048	0.00119	0.0352	0.0168	0.00000565	13.6	0.0000158	0.000565	0.000197	0.000938
2112 Aug	113	0.0561	0.146	0.00489	44.4	0.0421	28.4	0.000962	0.000962	0.00000487	0.0048	0.00119	0.0353	0.0169	0.00000566	13.6	0.0000158	0.000566	0.000198	0.000939
2112 Sep	113	0.0562	0.146	0.00489	44.4	0.0421	28.4	0.000962	0.000962	0.00000487	0.0048	0.00119	0.0353	0.0169	0.00000566	13.6	0.0000158	0.000567	0.000198	0.000939
2112 Oct	113	0.0562	0.146	0.00489	44.4	0.0421	28.4	0.000961	0.000961	0.00000487	0.0048	0.00119	0.0353	0.0169	0.00000566	13.6	0.0000158	0.000567	0.000198	0.000939
2112 Nov	113	0.0562	0.146	0.00489	44.4	0.0421	28.4	0.000961	0.000961	0.00000487	0.0048	0.00119	0.0353	0.0169	0.00000566	13.6	0.0000158	0.000567	0.000198	0.000939
2112 Dec	113	0.0562	0.146	0.00489	44.4	0.0421	28.4	0.000961	0.000961	0.00000487	0.0048	0.00119	0.0353	0.0169	0.00000566	13.6	0.0000158	0.000567	0.000198	0.000939
2113 Jan	113	0.0562	0.146	0.00489	44.4	0.0421	28.4	0.000961	0.000961	0.00000487	0.0048	0.00119	0.0353	0.0169	0.00000566	13.6	0.0000158	0.000567	0.000198	0.000939
2113 Feb	113	0.0562	0.146	0.00489	44.4	0.0421	28.4	0.000961	0.000961	0.00000487	0.0048	0.00119	0.0353	0.0169	0.00000566	13.6	0.0000158	0.000567	0.000198	0.000939
2113 Mar	113	0.0562	0.146	0.0049	44.4	0.0421	28.4	0.000961	0.000961	0.00000487	0.0048	0.00119	0.0353	0.0169	0.00000566	13.6	0.0000158	0.000567	0.000198	0.000939
2113 Apr	114	0.0562	0.146	0.0049	44.4	0.0421	28.4	0.000962	0.000962	0.00000487	0.0048	0.00119	0.0354	0.0169	0.00000566	13.7	0.0000158	0.000567	0.000198	0.000939
2113 May	114	0.0563	0.146	0.0049	44.4	0.0421	28.4	0.000962	0.000962	0.00000488	0.00481	0.00119	0.0354	0.0169	0.00000566	13.7	0.0000159	0.000567	0.000198	0.00094
2113 Jun	114	0.0563	0.146	0.0049	44.4	0.0421	28.4	0.000961	0.000961	0.00000487	0.00481	0.00119	0.0354	0.0169	0.00000566	13.7	0.0000159	0.000568	0.000199	0.00094
2113 Jul	114	0.0564	0.146	0.0049	44.5	0.0422	28.5	0.000962	0.000962	0.00000488	0.00481	0.0012	0.0354	0.017	0.00000566	13.7	0.0000159	0.000569	0.000199	0.000941
2113 Aug	114	0.0565	0.147	0.00491	44.5	0.0422	28.5	0.000963	0.000963	0.00000488	0.00482	0.0012	0.0355	0.017	0.00000567	13.7	0.0000159	0.00057	0.000199	0.000942
2113 Sep	114	0.0566	0.147	0.00492	44.5	0.0422	28.6	0.000962	0.000962	0.00000488	0.00482	0.0012	0.0355	0.017	0.00000567	13.7	0.0000159	0.00057	0.000199	0.000942
2113 Oct	114	0.0566	0.147	0.00491	44.5	0.0422	28.6	0.000961	0.000961	0.00000487	0.00482	0.0012	0.0355	0.017	0.00000566	13.7	0.0000159	0.00057	0.000199	0.000941
2113 Nov	114	0.0567	0.147	0.00491	44.5	0.0422	28.6	0.000961	0.000961	0.00000487	0.00482	0.0012	0.0355	0.017	0.00000566	13.7	0.0000159	0.00057	0.000199	0.000941
2113 Dec	114	0.0567	0.147	0.00491	44.5	0.0422	28.6	0.000961	0.000961	0.00000487	0.00482	0.0012	0.0355	0.017	0.00000566	13.7	0.0000159	0.00057	0.000199	0.000941
2114 Jan	114	0.0567	0.147	0.00491	44.5	0.0422	28.6	0.000961	0.000961	0.00000487	0.00482	0.0012	0.0355	0.017	0.00000566	13.7	0.0000159	0.00057	0.000199	0.000941
2114 Feb	114	0.0567	0.147	0.00491	44.5	0.0422	28.6	0.000961	0.000961	0.00000487	0.00482	0.0012	0.0355	0.017	0.00000566	13.7	0.0000159	0.00057	0.000199	0.000941
2114 Mar	114	0.0567	0.147	0.00491	44.5	0.0422	28.6	0.000961	0.000961	0.00000487	0.00482	0.0012	0.0355	0.017	0.00000566	13.7	0.0000159	0.00057	0.000199	0.000941
2114 Apr	114	0.0567	0.147	0.00491	44.5	0.0422	28.6	0.000961	0.000961	0.00000487	0.00482	0.0012	0.0355	0.017	0.00000566	13.7	0.0000159	0.00057	0.000199	0.000941
2114 May	114	0.0567	0.147	0.00491	44.5	0.0422	28.6	0.000961	0.000961	0.00000487	0.00482	0.0012	0.0355	0.017	0.00000566	13.7	0.0000159	0.00057	0.000199	0.000941
2114 Jun	114	0.0568	0.147	0.00491	44.5	0.0422	28.6	0.000961	0.000961	0.00000487	0.00483	0.0012	0.0356	0.017	0.00000566	13.8	0.0000159	0.000571	0.0002	0.000942

Appendix D.2-27: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper
2114 Jul	114	0.0569	0.147	0.00493	44.6	0.0423	28.7	0.000963	0.000963	0.00000488	0.00484	0.0012	0.0356	0.0171	0.00000567	13.8	0.000016	0.000572	0.000201	0.000944
2114 Aug	114	0.057	0.147	0.00493	44.7	0.0424	28.7	0.000964	0.000964	0.00000489	0.00484	0.0012	0.0357	0.0171	0.00000568	13.8	0.000016	0.000574	0.000201	0.000945
2114 Sep	114	0.0571	0.148	0.00494	44.7	0.0424	28.7	0.000964	0.000964	0.00000488	0.00485	0.0012	0.0357	0.0171	0.00000568	13.8	0.000016	0.000574	0.000201	0.000945
2114 Oct	114	0.0571	0.148	0.00494	44.6	0.0424	28.7	0.000963	0.000963	0.00000488	0.00484	0.0012	0.0358	0.0171	0.00000568	13.8	0.000016	0.000574	0.000201	0.000945
2114 Nov	114	0.0572	0.148	0.00494	44.6	0.0424	28.7	0.000962	0.000962	0.00000488	0.00485	0.0012	0.0358	0.0171	0.00000567	13.8	0.000016	0.000574	0.000201	0.000944
2114 Dec	114	0.0572	0.148	0.00494	44.6	0.0424	28.7	0.000962	0.000962	0.00000488	0.00485	0.0012	0.0358	0.0171	0.00000567	13.8	0.000016	0.000574	0.000201	0.000944
2115 Jan	114	0.0572	0.148	0.00494	44.6	0.0424	28.7	0.000962	0.000962	0.00000488	0.00485	0.0012	0.0358	0.0171	0.00000567	13.8	0.000016	0.000574	0.000201	0.000944
2115 Feb	114	0.0572	0.148	0.00494	44.6	0.0424	28.7	0.000962	0.000962	0.00000488	0.00485	0.0012	0.0358	0.0171	0.00000567	13.8	0.000016	0.000574	0.000201	0.000944
2115 Mar	114	0.0572	0.148	0.00494	44.6	0.0424	28.7	0.000962	0.000962	0.00000488	0.00485	0.0012	0.0358	0.0171	0.00000567	13.8	0.000016	0.000574	0.000201	0.000944
2115 Apr	114	0.0572	0.148	0.00494	44.6	0.0424	28.7	0.000962	0.000962	0.00000488	0.00485	0.0012	0.0358	0.0171	0.00000567	13.8	0.000016	0.000574	0.000201	0.000945
2115 May	114	0.0572	0.148	0.00494	44.6	0.0424	28.8	0.000962	0.000962	0.00000488	0.00485	0.00121	0.0358	0.0171	0.00000567	13.8	0.000016	0.000574	0.000201	0.000945
2115 Jun	115	0.0573	0.148	0.00494	44.7	0.0424	28.8	0.000963	0.000963	0.00000488	0.00485	0.00121	0.0358	0.0171	0.00000568	13.9	0.000016	0.000575	0.000201	0.000946
2115 Jul	115	0.0574	0.148	0.00495	44.7	0.0425	28.9	0.000964	0.000964	0.00000489	0.00486	0.00121	0.0359	0.0172	0.00000568	13.9	0.0000161	0.000576	0.000202	0.000947
2115 Aug	115	0.0575	0.148	0.00496	44.8	0.0425	28.9	0.000964	0.000964	0.00000488	0.00486	0.00121	0.036	0.0172	0.00000568	13.9	0.0000161	0.000577	0.000202	0.000947
2115 Sep	115	0.0575	0.149	0.00496	44.8	0.0426	28.9	0.000964	0.000964	0.00000488	0.00486	0.00121	0.036	0.0172	0.00000568	13.9	0.0000161	0.000578	0.000202	0.000947
2115 Oct	115	0.0575	0.149	0.00497	44.8	0.0426	28.9	0.000964	0.000964	0.00000488	0.00486	0.00121	0.036	0.0172	0.00000569	13.9	0.0000161	0.000578	0.000202	0.000947
2115 Nov	115	0.0576	0.149	0.00497	44.8	0.0426	28.9	0.000963	0.000963	0.00000488	0.00486	0.00121	0.036	0.0172	0.00000568	13.9	0.0000161	0.000578	0.000202	0.000947
2115 Dec	115	0.0576	0.149	0.00497	44.8	0.0426	28.9	0.000963	0.000963	0.00000488	0.00486	0.00121	0.036	0.0172	0.00000568	13.9	0.0000161	0.000578	0.000202	0.000947
2116 Jan	115	0.0576	0.149	0.00497	44.8	0.0426	28.9	0.000963	0.000963	0.00000488	0.00486	0.00121	0.036	0.0172	0.00000568	13.9	0.0000161	0.000578	0.000202	0.000947
2116 Feb	115	0.0576	0.149	0.00497	44.8	0.0426	28.9	0.000963	0.000963	0.00000488	0.00486	0.00121	0.036	0.0172	0.00000568	13.9	0.0000161	0.000578	0.000202	0.000947
2116 Mar	115	0.0576	0.149	0.00497	44.8	0.0426	28.9	0.000963	0.000963	0.00000488	0.00486	0.00121	0.036	0.0172	0.00000568	13.9	0.0000161	0.000578	0.000202	0.000947
2116 Apr	115	0.0576	0.149	0.00497	44.8	0.0426	28.9	0.000963	0.000963	0.00000488	0.00486	0.00121	0.036	0.0172	0.00000568	13.9	0.0000161	0.000578	0.000202	0.000947
2116 May	115	0.0576	0.149	0.00497	44.8	0.0426	28.9	0.000964	0.000964	0.00000488	0.00487	0.00121	0.036	0.0172	0.00000569	13.9	0.0000161	0.000578	0.000202	0.000948
2116 Jun	115	0.0577	0.148	0.00496	44.7	0.0425	28.9	0.000962	0.000962	0.00000488	0.00487	0.00121	0.036	0.0172	0.00000568	13.9	0.0000161	0.000579	0.000203	0.000947
2116 Jul	115	0.0578	0.149	0.00497	44.8	0.0426	29	0.000963	0.000963	0.00000488	0.00487	0.00121	0.0361	0.0173	0.00000568	14	0.0000161	0.00058	0.000203	0.000948
2116 Aug	115	0.0579	0.149	0.00498	44.9	0.0426	29.1	0.000964	0.000964	0.00000489	0.00488	0.00122	0.0361	0.0173	0.00000569	14	0.0000162	0.000581	0.000204	0.00095
2116 Sep	115	0.0579	0.149	0.00498	44.8	0.0426	29.1	0.000963	0.000963	0.00000488	0.00488	0.00122	0.0362	0.0173	0.00000569	14	0.0000162	0.000581	0.000203	0.000949
2116 Oct	115	0.058	0.149	0.00498	44.8	0.0426	29.1	0.000962	0.000962	0.00000488	0.00488	0.00122	0.0362	0.0173	0.00000568	14	0.0000162	0.000581	0.000203	0.000949
2116 Nov	115	0.058	0.149	0.00498	44.8	0.0426	29.1	0.000962	0.000962	0.00000488	0.00488	0.00122	0.0362	0.0173	0.00000568	14	0.0000162	0.000581	0.000203	0.000949
2116 Dec	115	0.058	0.149	0.00498	44.8	0.0426	29.1	0.000962	0.000962	0.00000488	0.00488	0.00122	0.0362	0.0173	0.00000568	14	0.0000162	0.000581	0.000203	0.000949
2117 Jan	115	0.058	0.149	0.00498	44.8	0.0426	29.1	0.000962	0.000962	0.00000488	0.00488	0.00122	0.0362	0.0173	0.00000568	14	0.0000162	0.000581	0.000203	0.000949
2117 Feb	115	0.058	0.149	0.00498	44.8	0.0426	29.1	0.000962	0.000962	0.00000488	0.00488	0.00122	0.0362	0.0173	0.00000568	14	0.0000162	0.000581	0.000203	0.000949
2117 Mar	115	0.058	0.149	0.00498	44.8	0.0426	29.1	0.000963	0.000963	0.00000488	0.00488	0.00122	0.0362	0.0173	0.00000568	14	0.0000162	0.000581	0.000203	0.000949
2117 Apr	115	0.058	0.149	0.00498	44.8	0.0427	29.1	0.000963	0.000963	0.00000488	0.00488	0.00122	0.0362	0.0173	0.00000569	14	0.0000162	0.000581	0.000203	0.000949
2117 May	115	0.0581	0.149	0.00498	44.8	0.0427	29.1	0.000963	0.000963	0.00000488	0.00488	0.00122	0.0362	0.0173	0.00000569	14	0.0000162	0.000582	0.000204	0.000949
2117 Jun	115	0.0581	0.149	0.00499	44.8	0.0427	29.1	0.000963	0.000963	0.00000488	0.00489	0.00122	0.0362	0.0173	0.00000569	14	0.0000162	0.000582	0.000204	0.00095
2117 Jul	116	0.0582	0.15	0.00499	44.9	0.0427	29.2	0.000964	0.000964	0.00000489	0.0049	0.00122	0.0363	0.0174	0.0000057	14	0.0000162	0.000584	0.000204	0.000951
2117 Aug	116	0.0583	0.15	0.005	45	0.0428	29.2	0.000965	0.000965	0.00000489	0.0049	0.00122	0.0363	0.0174	0.0000057	14.1	0.0000162	0.000584	0.000205	0.000952
2117 Sep	116	0.0584	0.15	0.00501	45	0.0428	29.3	0.000965	0.000965	0.00000489	0.0049	0.00122	0.0364	0.0174	0.0000057	14.1	0.0000163	0.000585	0.000205	0.000953
2117 Oct	116	0.0584	0.15	0.00501	45	0.0428	29.3	0.000965	0.000965	0.00000489	0.0049	0.00122	0.0364	0.0174	0.0000057	14.1	0.0000163	0.000585	0.000205	0.000953
2117 Nov	116	0.0584	0.15	0.00501	45	0.0428	29.3	0.000965	0.000965	0.00000489	0.0049	0.00122	0.0364	0.0174	0.0000057	14.1	0.0000163	0.000585	0.000205	0.000952
2117 Dec	116	0.0584	0.15	0.00501	45	0.0428	29.3	0.000965	0.000965	0.00000489	0.0049	0.00122	0.0364	0.0174	0.0000057	14.1	0.0000163	0.000585	0.000205	0.000952
2118 Jan	116	0.0584	0.15	0.00501	45	0.0428	29.3	0.000965	0.000965	0.00000489	0.0049	0.00122	0.0364	0.0174	0.0000057	14.1	0.0000163	0.000585	0.000205	0.000952
2118 Feb	116	0.0584	0.15	0.00501	45	0.0428	29.3	0.000965	0.000965	0.00000489	0.0049	0.00122	0.0364	0.0174	0.0000057	14.1	0.0000163	0.000585	0.000205	0.000952
2118 Mar	116	0.0584	0.15	0.00501	45	0.0428	29.3	0.000965	0.000965	0.00000489	0.0049	0.00122	0.0364	0.0174	0.0000057	14.1	0.0000163	0.000585	0.000205	0.000952
2118 Apr	116	0.0584	0.15	0.00501	45	0.0428	29.3	0.000965	0.000965	0.00000489	0.0049	0.00122	0.0364	0.0174	0.0000057	14.1	0.0000163	0.000585	0.000205	0.000953
2118 May	116	0.0585	0.15	0.00501	45	0.0428	29.3	0.000965	0.000965	0.00000489	0.00491	0.00122	0.0364	0.0174	0.0000057	14.1	0.0000163	0.000586	0.000206	0.000953
2118 Jun	116	0.0585	0.15	0.005	44.9	0.0428	29.3	0.000963	0.000963	0.00000488	0.00491	0.00122	0.0364	0.0175	0.00000569	14.1	0.0000163	0.000586	0.000206	0.000953
2118 Jul	116	0.0587	0.15	0.00501	45	0.0428	29.3	0.000965	0.000965	0.00000489	0.00491	0.00123	0.0365	0.0175	0.0000057	14.1	0.0000163	0.000587	0.000207	0.000954
2118 Aug	116	0.0587	0.151	0.00502	45	0.0429	29.4	0.000964	0.000964	0.00000489	0.00492	0.00123	0.0365	0.0175	0.0000057	14.2	0.0000163	0.000588	0.000207	0.000954
2118 Sep	116	0.0588	0.151	0.00502	45	0.0429	29.4	0.000963	0.000963	0.00000488	0.00492	0.00123	0.0366	0.0175	0.0000057	14.1	0.0000163	0.000588	0.000206	0.000953
2118 Oct	116	0.0588	0.151	0.00502	45	0.0429	29.4	0.000962	0.000962	0.00000488	0.00492	0.00123	0.0366	0.0175	0.00000569	14.1	0.0000163	0.000588	0.000206	0.000953
2118 Nov	116	0.0589	0.151	0.00502	45	0.0429	29.4	0.000962	0.000962	0.00000488	0.00492	0.00123	0.0366	0.0175	0.00000569	14.1	0.0000163	0.000588	0.000206	0.000953
2118 Dec	116	0.0589	0.151	0.00502	45	0.0429	29.4	0.000962	0.000962	0.00000488	0.00492	0.00123	0.0366	0.0175	0.00000569	14.1	0.0000163	0.000588	0.000206	0.000953
2119 Jan	116	0.0589	0.151	0.00502	45	0.0429	29.4	0.000962	0.000962	0.00000488	0.00492	0.00123	0.0366	0.0175	0.00000569	14.1	0.0000163	0.000588	0.000206	0.000953
2119 Feb	116	0.0589	0.151	0.00502	45	0.0429	29.4	0.000962	0.000962	0.00000488	0.00492	0.00123	0.0366	0.0175	0.00000569	14.1	0.0000163	0.000588	0.000206	0.000953
2119 Mar	116	0.0589	0.151	0.00502	45	0.0429	29.4	0.000962	0.000962	0.00000488	0.00492	0.00123	0.0366	0.0175	0.00000569	14.1	0.0000163	0.000588	0.000206	0.000953
2119 Apr	116	0.0589	0.151	0.00502	45	0.0429	29.4	0.000962	0.000962	0.00000488	0.00492	0.00123	0.0366	0.0175	0.00000569	14.1	0.0000163	0.000589	0.000206	0.000953
2119 May	116	0.059	0.151	0.00502	45	0.0428	29.4	0.000962	0.000962	0.00000488	0.00492	0.00123	0.0366	0.0176	0.00000569	14.2	0.0000163	0.000589	0.000207	0.000954
2119 Jun	116	0.059	0.151	0.00502	45	0.0429	29.4	0.000961	0.000961	0.00000487	0.00492	0.00123	0.0366	0.0176	0.00000569	14.2	0.0000163	0.00059	0.000208	0.000954
2119 Jul	116	0.0591	0.151	0.00503	45	0.0429	29.5	0.000963	0.000963	0.00000488	0.00493	0.00123	0.0367	0.0176	0.0000057	14.2	0.0000164	0.000591	0.000208	0.000955
2119 Aug	117	0.0592	0.151	0.00504	45.1	0.043	29.6	0.000963	0.000963	0.00000488	0.00493	0.00123	0.0368	0.0176	0.0000057	14.2	0.0000164	0.000592	0.000208	0.000956
2119 Sep	117	0.0593	0.152	0.00505	45.1	0.043	29.6	0.000963	0.000963	0.00000488	0.00493	0.00123	0.0368	0.0176	0.0000057	14.2	0.0000164	0.000592	0.000208	0.000955
2119 Oct	117	0.0593	0.152	0.00505	45.1	0.043	29.6	0.000962	0.000962	0.00000488	0.00493	0.00123	0.0368	0.0176	0.0000057	14.2	0.0000164	0.000592	0.000208	0.000955
2119 Nov	117	0.0593	0.152	0.00504	45.1	0.043	29.6	0.000962	0.000962	0.00000488	0.00493	0.00123	0.0368	0.0176	0.0000057	14.2	0.0000164	0.000592	0.000208	0.000955
2119 Dec	117	0.0593	0.152	0.00504	45.1	0.043	29.6	0.000962	0.000962	0.00000488	0.00493	0.00123	0.0368	0.0176	0.0000057	14.2	0.0000164	0.000592	0.000208	0.000955

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.00291	0.000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	0
Operation (2026-2036): Mean	0.0366	0.0000251	16.7	11.7	0.116	0.00825	212	0.0155	0.0267	0.000147	0.00124	0.00056	0.835	0.00000349	0.00644	0.000718	0.00197	0
Operation (2026-2036): Max	0.0664	0.0000385	29.6	19.8	0.185	0.0149	435	0.0274	0.0366	0.000471	0.00214	0.000977	1.46	0.00000492	0.0117	0.00104	0.00232	0
Active Closure (2037-2043): Min	0.0157	0.00000253	1.99	1.85	0.0117	0.000649	13.8	0.00154	0.00674	0.0000555	0.000111	0.0000778	0.0872	0.00000212	0.000468	0.000122	0.000911	0
Active Closure (2037-2043): Mean	0.0194	0.0000056	4.01	3.23	0.0269	0.00169	34.5	0.00346	0.00955	0.000078	0.000266	0.000145	0.19	0.00000232	0.00128	0.000214	0.00107	0
Active Closure (2037-2043): Max	0.0433	0.000026	17.2	12.2	0.125	0.00844	171	0.016	0.0293	0.000212	0.00129	0.00058	0.862	0.00000365	0.0066	0.000809	0.00211	0
Post Closure (2044-2119): Min	0.0159	0.00000254	2	1.86	0.0118	0.000652	13.7	0.00155	0.00684	0.0000572	0.000111	0.0000781	0.0875	0.00000212	0.00047	0.000124	0.000913	0
Post Closure (2044-2119): Mean	0.0255	0.0000046	2.59	2.46	0.023	0.000933	14.3	0.00215	0.0141	0.000121	0.000173	0.000101	0.125	0.00000219	0.000681	0.000247	0.00109	0
Post Closure (2044-2119): Max	0.035	0.00000644	3.17	3.06	0.0344	0.0012	14.9	0.00273	0.0208	0.000189	0.000227	0.000123	0.162	0.00000226	0.00088	0.000363	0.00123	0
Water quality guideline for the protection of aquatic life	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																		
Model Predictions (2026-2119)																		
2026 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028 Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029 Jan	0.00291	0.000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	0
2029 Feb	0.007	0.000000368	0.123	0.298	0.00755	0.0000109	0.462	0.0000958	0.00258	0.0000352	0.00000847	0.00000479	0.0115	7.37E-08	0.00000368	0.0000774	0.0000571	0
2029 Mar	0.00961	0.000000506	0.169	0.409	0.0104	0.0000149	0.635	0.000132	0.00354	0.0000484	0.0000116	0.00000658	0.0157	0.000000101	0.00000506	0.000106	0.0000784	0
2029 Apr	0.0115	0.000000606	0.202	0.49	0.0124	0.0000179	0.76	0.000158	0.00424	0.0000579	0.0000139	0.00000788	0.0188	0.000000121	0.00000606	0.000127	0.0000939	0
2029 May	0.0127	0.00000081	0.328	0.606	0.0142	0.0000733	2.41	0.000272	0.0047	0.000065	0.0000233	0.0000123	0.0259	0.000000152	0.0000491	0.000142	0.000113	0
2029 Jun	0.0232	0.0000115	6.72	4.85	0.0515	0.00323	94.7	0.00628	0.0175	0.0000817	0.00054	0.000227	0.338	0.0000017	0.00254	0.000411	0.00118	0
2029 Jul	0.0336	0.0000211	12.1	8.42	0.082	0.00586	172	0.0113	0.031	0.0000923	0.000985	0.000409	0.6	0.00000313	0.00461	0.000652	0.00221	0
2029 Aug	0.032	0.0000234	14.5	9.95	0.0959	0.00708	207	0.0135	0.0281	0.0000892	0.00114	0.000486	0.716	0.00000337	0.00557	0.000679	0.00223	0
2029 Sep	0.0302	0.0000261	17.2	11.7	0.112	0.00848	248	0.016	0.0251	0.0000852	0.00132	0.000574	0.849	0.00000365	0.00667	0.000714	0.00225	0
2029 Oct	0.0286	0.000029	20.1	13.6	0.129	0.01	292	0.0187	0.0224	0.0000777	0.00151	0.000669	0.994	0.00000395	0.00786	0.00074	0.00223	0
2029 Nov	0.0299	0.0000286	19.7	13.5	0.126	0.00987	286	0.0183	0.0252	0.0000636	0.00145	0.000655	0.978	0.00000391	0.0077	0.000685	0.00207	0
2029 Dec	0.0302	0.0000283	19.4	13.3	0.123	0.0097	281	0.018	0.0258	0.0000628	0.00142	0.000643	0.961	0.00000387	0.00756	0.000676	0.00205	0
2030 Jan	0.0306	0.0000282	19.3	13.2	0.123	0.00965	279	0.0179	0.026	0.0000645	0.00141	0.00064	0.957	0.00000386	0.00751	0.000678	0.00204	0
2030 Feb	0.0311	0.0000281	19.2	13.2	0.123	0.00962	279	0.0179	0.0261	0.0000673	0.00141	0.000638	0.955	0.00000386	0.00749	0.000682	0.00204	0
2030 Mar	0.0314	0.0000281	19.2	13.2	0.124	0.0096	278	0.0178	0.0262	0.000069	0.0014	0.000637	0.953	0.00000385	0.00748	0.000685	0.00204	0
2030 Apr	0.0317	0.0000281	19.2	13.2	0.124	0.00958	278	0.0178	0.0263	0.0000703	0.0014	0.000637	0.952	0.00000385	0.00747	0.000687	0.00204	0
2030 May	0.0318	0.000028	19.2	13.2	0.124	0.00958	277	0.0178	0.0263	0.0000712	0.0014	0.000636	0.952	0.00000385	0.00746	0.000688	0.00204	0
2030 Jun	0.033	0.0000245	15.6	10.8	0.102	0.00769	223	0.0145	0.0291	0.0000816	0.00119	0.00052	0.772	0.00000349	0.00601	0.00067	0.00213	0
2030 Jul	0.032	0.0000249	15.9	10.9	0.105	0.00785	229	0.0149	0.0277	0.0000853	0.00123	0.000533	0.789	0.00000353	0.00616	0.000692	0.0022	0
2030 Aug	0.0301	0.0000274	18.5	12.6	0.12	0.00915	268	0.0172	0.0244	0.0000828	0.0014	0.000616	0.914	0.00000379	0.00719	0.000722	0.00223	0
2030 Sep	0.0265	0.0000328	23.8	16	0.151	0.0119	348	0.0221	0.018	0.0000775	0.00176	0.00079	1.18	0.00000434	0.00936	0.000802	0.00231	0
2030 Oct	0.0227	0.0000385	29.6	19.8	0.185	0.0149	435	0.0274	0.012	0.0000644	0.00214	0.000977	1.46	0.00000492	0.0117	0.000865	0.00232	0
2030 Nov	0.0262	0.0000345	25.6	17.3	0.16	0.0129	374	0.0237	0.0187	0.0000561	0.00183	0.000844	1.26	0.00000451	0.0101	0.000764	0.00212	0
2030 Dec	0.0269	0.0000336	24.7	16.7	0.155	0.0125	362	0.0229	0.02	0.0000549	0.00177	0.000817	1.22	0.00000442	0.00973	0.000745	0.00209	0
2031 Jan	0.0278	0.0000333	24.5	16.6	0.154	0.0123	357	0.0227	0.0205	0.0000588	0.00175	0.000808	1.21	0.00000439	0.00961	0.000747	0.00208	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Feb	0.0289	0.0000332	24.3	16.5	0.154	0.0122	355	0.0225	0.0208	0.0000647	0.00174	0.000803	1.21	0.00000438	0.00954	0.000756	0.00208	0
2031 Mar	0.0296	0.0000331	24.2	16.5	0.155	0.0122	353	0.0224	0.021	0.0000686	0.00174	0.0008	1.2	0.00000437	0.0095	0.000762	0.00207	0
2031 Apr	0.0301	0.000033	24.2	16.5	0.155	0.0121	352	0.0224	0.0212	0.0000715	0.00173	0.000798	1.2	0.00000436	0.00947	0.000766	0.00207	0
2031 May	0.0343	0.0000324	23.6	16.2	0.157	0.0118	343	0.0219	0.0222	0.000122	0.0017	0.000783	1.17	0.0000043	0.00922	0.000811	0.00208	0
2031 Jun	0.0664	0.0000235	15	11.5	0.139	0.00713	209	0.0139	0.0349	0.000471	0.00114	0.000524	0.776	0.00000338	0.00558	0.00104	0.00209	0
2031 Jul	0.0614	0.0000251	16.6	12.4	0.144	0.00796	234	0.0153	0.0322	0.000426	0.00125	0.000573	0.849	0.00000355	0.00624	0.00102	0.00212	0
2031 Aug	0.0344	0.0000356	26.8	18.3	0.182	0.0134	392	0.0249	0.0157	0.000194	0.00195	0.000896	1.33	0.00000463	0.0105	0.000946	0.0023	0
2031 Sep	0.0267	0.0000338	24.9	16.8	0.156	0.0125	364	0.0231	0.0194	0.000056	0.00178	0.000823	1.23	0.00000444	0.00979	0.000742	0.00208	0
2031 Oct	0.0333	0.0000263	17.4	12.1	0.11	0.00876	250	0.0161	0.0319	0.0000425	0.00122	0.000575	0.866	0.00000367	0.00672	0.00057	0.00177	0
2031 Nov	0.0351	0.000024	15.2	10.7	0.0959	0.00764	217	0.014	0.0354	0.0000393	0.00106	0.000502	0.758	0.00000344	0.00582	0.000519	0.00168	0
2031 Dec	0.0354	0.0000237	14.8	10.5	0.0936	0.00746	211	0.0137	0.0359	0.0000387	0.00103	0.00049	0.74	0.0000034	0.00566	0.000511	0.00166	0
2032 Jan	0.0361	0.0000235	14.7	10.4	0.0935	0.00739	209	0.0136	0.0362	0.0000421	0.00102	0.000485	0.734	0.00000339	0.00561	0.000515	0.00166	0
2032 Feb	0.037	0.0000235	14.6	10.4	0.0942	0.00735	208	0.0135	0.0364	0.0000473	0.00102	0.000483	0.732	0.00000338	0.00558	0.000524	0.00166	0
2032 Mar	0.0376	0.0000234	14.6	10.4	0.0946	0.00732	207	0.0135	0.0365	0.0000508	0.00102	0.000482	0.73	0.00000338	0.00556	0.00053	0.00166	0
2032 Apr	0.038	0.0000234	14.5	10.4	0.0949	0.0073	207	0.0134	0.0366	0.0000532	0.00101	0.000481	0.729	0.00000337	0.00554	0.000534	0.00166	0
2032 May	0.0379	0.0000237	14.8	10.6	0.0969	0.00744	210	0.0137	0.0362	0.0000553	0.00103	0.000491	0.743	0.0000034	0.00566	0.000543	0.00167	0
2032 Jun	0.0358	0.0000212	12.2	8.64	0.0827	0.00599	159	0.0114	0.0338	0.0000849	0.000955	0.000411	0.61	0.00000315	0.00465	0.000616	0.00205	0
2032 Jul	0.0328	0.0000236	14.6	10.1	0.097	0.00718	186	0.0137	0.0291	0.0000879	0.00115	0.000491	0.725	0.0000034	0.00564	0.000679	0.00221	0
2032 Aug	0.0319	0.0000247	15.7	10.8	0.103	0.00774	200	0.0147	0.0277	0.0000853	0.00121	0.000526	0.779	0.00000351	0.00607	0.000686	0.0022	0
2032 Sep	0.0315	0.0000252	16.2	11.1	0.106	0.00799	206	0.0151	0.0271	0.000084	0.00125	0.000542	0.802	0.00000356	0.00627	0.000689	0.0022	0
2032 Oct	0.0313	0.0000255	16.5	11.3	0.108	0.00813	210	0.0154	0.0268	0.0000836	0.00126	0.000551	0.816	0.00000359	0.00638	0.000692	0.0022	0
2032 Nov	0.0313	0.0000255	16.5	11.3	0.108	0.00813	210	0.0154	0.0269	0.0000829	0.00126	0.000551	0.816	0.00000359	0.00638	0.00069	0.00219	0
2032 Dec	0.0315	0.0000254	16.4	11.2	0.107	0.00808	208	0.0153	0.0272	0.0000819	0.00125	0.000547	0.811	0.00000358	0.00634	0.000685	0.00218	0
2033 Jan	0.0316	0.0000253	16.3	11.2	0.107	0.00807	208	0.0152	0.0273	0.0000824	0.00125	0.000546	0.809	0.00000357	0.00632	0.000685	0.00218	0
2033 Feb	0.0318	0.0000253	16.3	11.2	0.107	0.00806	208	0.0152	0.0273	0.0000831	0.00125	0.000546	0.809	0.00000357	0.00632	0.000686	0.00218	0
2033 Mar	0.0319	0.0000253	16.3	11.2	0.107	0.00805	208	0.0152	0.0273	0.0000836	0.00125	0.000545	0.808	0.00000357	0.00631	0.000687	0.00218	0
2033 Apr	0.0319	0.0000253	16.3	11.2	0.107	0.00805	207	0.0152	0.0273	0.0000839	0.00125	0.000545	0.808	0.00000357	0.00631	0.000687	0.00218	0
2033 May	0.0377	0.0000245	15.6	10.9	0.109	0.00766	196	0.0145	0.0291	0.000146	0.0012	0.000526	0.779	0.00000349	0.006	0.000736	0.00216	0
2033 Jun	0.0445	0.0000244	15.6	11.2	0.117	0.0076	189	0.0145	0.0301	0.000228	0.0012	0.000531	0.786	0.00000348	0.00596	0.000818	0.00216	0
2033 Jul	0.0434	0.0000251	16.2	11.6	0.12	0.00793	195	0.0151	0.0292	0.00022	0.00124	0.000551	0.816	0.00000354	0.00622	0.000821	0.00217	0
2033 Aug	0.043	0.0000254	16.6	11.8	0.122	0.00809	199	0.0154	0.0288	0.000217	0.00126	0.000561	0.831	0.00000358	0.00635	0.000823	0.00218	0
2033 Sep	0.0419	0.000026	17.2	12.1	0.125	0.00842	205	0.016	0.028	0.000208	0.0013	0.000581	0.861	0.00000364	0.0066	0.000822	0.00218	0
2033 Oct	0.0409	0.0000261	17.2	12.2	0.123	0.00847	204	0.016	0.0284	0.00019	0.0013	0.000581	0.863	0.00000365	0.00663	0.000795	0.00213	0
2033 Nov	0.0409	0.0000259	17.1	12.1	0.123	0.00842	202	0.0159	0.0286	0.000188	0.00129	0.000577	0.858	0.00000364	0.00658	0.000789	0.00212	0
2033 Dec	0.0409	0.0000259	17.1	12.1	0.122	0.00841	202	0.0159	0.0287	0.000188	0.00128	0.000577	0.857	0.00000364	0.00658	0.000788	0.00212	0
2034 Jan	0.041	0.0000259	17.1	12.1	0.122	0.00841	202	0.0159	0.0287	0.000188	0.00128	0.000577	0.857	0.00000363	0.00658	0.000788	0.00212	0
2034 Feb	0.041	0.0000259	17.1	12.1	0.122	0.00841	202	0.0159	0.0287	0.000188	0.00128	0.000577	0.857	0.00000363	0.00657	0.000789	0.00212	0
2034 Mar	0.041	0.0000259	17.1	12.1	0.122	0.00841	202	0.0159	0.0287	0.000188	0.00128	0.000577	0.857	0.00000363	0.00657	0.000789	0.00212	0
2034 Apr	0.041	0.0000259	17.1	12.1	0.122	0.00841	202	0.0159	0.0287	0.000188	0.00128	0.000577	0.857	0.00000363	0.00657	0.000789	0.00212	0
2034 May	0.042	0.0000258	17	12	0.123	0.00833	200	0.0158	0.029	0.000198	0.00127	0.000573	0.851	0.00000362	0.00651	0.000797	0.00212	0
2034 Jun	0.0485	0.0000249	16.1	11.7	0.125	0.00785	185	0.015	0.0309	0.00027	0.00122	0.00055	0.815	0.00000352	0.00614	0.000856	0.00211	0
2034 Jul	0.0474	0.0000254	16.7	12	0.128	0.00816	190	0.0155	0.03	0.000261	0.00126	0.000568	0.843	0.00000359	0.00638	0.000855	0.00212	0
2034 Aug	0.0472	0.0000255	16.8	12.1	0.128	0.00821	190	0.0156	0.0298	0.00026	0.00126	0.000571	0.848	0.0000036	0.00642	0.000854	0.00212	0
2034 Sep	0.0463	0.0000259	17.2	12.3	0.129	0.00839	193	0.0159	0.0294	0.000251	0.00129	0.000582	0.865	0.00000363	0.00657	0.000849	0.00211	0
2034 Oct	0.0454	0.000026	17.2	12.3	0.128	0.00845	192	0.016	0.0295	0.000238	0.00129	0.000584	0.867	0.00000364	0.0066	0.000833	0.0021	0
2034 Nov	0.0454	0.0000259	17.2	12.3	0.128	0.00841	191	0.0159	0.0296	0.000237	0.00128	0.000581	0.864	0.00000363	0.00657	0.00083	0.00209	0
2034 Dec	0.0454	0.0000259	17.2	12.3	0.128	0.00841	191	0.0159	0.0296	0.000237	0.00128	0.000581	0.864	0.00000363	0.00657	0.00083	0.00209	0
2035 Jan	0.0454	0.0000259	17.2	12.3	0.128	0.00841	191	0.0159	0.0296	0.000237	0.00128	0.000581	0.864	0.00000363	0.00657	0.00083	0.00209	0
2035 Feb	0.0454	0.0000259	17.2	12.3	0.128	0.00841	191	0.0159	0.0296	0.000237	0.00128	0.000581	0.864	0.00000363	0.00657	0.00083	0.00209	0
2035 Mar	0.0454	0.0000259	17.2	12.3	0.128	0.00841	191	0.0159	0.0296	0.000237	0.00128	0.000581	0.863	0.00000363	0.00657	0.00083	0.00209	0
2035 Apr	0.0455	0.0000259	17.2	12.3	0.128	0.00841	191	0.0159	0.0296	0.000237	0.00128	0.000581	0.863	0.00000363	0.00657	0.00083	0.00209	0
2035 May	0.0455	0.0000259	17.2	12.3	0.128	0.00841	191	0.0159	0.0296	0.000237	0.00128	0.000581	0.864	0.00000363	0.00657	0.00083	0.00209	0
2035 Jun	0.0465	0.000025	16.2	11.7	0.123	0.00792	175	0.0151	0.0306	0.000246	0.00122	0.000551	0.818	0.00000354	0.00619	0.00083	0.0021	0
2035 Jul	0.0457	0.0000252	16.5	11.8	0.124	0.00805	176	0.0153	0.0301	0.000239	0.00124	0.000559	0.83	0.00000356	0.00629	0.000829	0.00211	0
2035 Aug	0.0453	0.0000255	16.8	12	0.125	0.0082	178	0.0156	0.0297	0.000236	0.00126	0.000568	0.844	0.00000359	0.00641	0.000831	0.00212	0
2035 Sep	0.0444	0.0000258	17	12.1	0.126	0.00835	178	0.0158	0.0293	0.000227	0.00128	0.000576	0.856	0.00000362	0.00652	0.000822	0.00211	0
2035 Oct	0.0441	0.0000259	17.1	12.2	0.126	0.00841	179	0.0159	0.0292	0.000223	0.00128	0.00058	0.862	0.00000363	0.00657	0.000819	0.00211	0
2035 Nov	0.0439	0.000026	17.2	12.2	0.126	0.00843	179	0.016	0.0292	0.00022	0.00128	0.000581	0.864	0.00000364	0.00659	0.000816	0.0021	0
2035 Dec	0.0439	0.0000259	17.2	12.2	0.126	0.00842	178	0.0159	0.0292	0.00022	0.00128	0.00058	0.863	0.00000364	0.00658	0.000815	0.0021	0
2036 Jan	0.0439	0.0000259	17.2	12.2	0.126	0.00842	178	0.0159	0.0293	0.00022	0.00128	0.00058	0.862	0.00000364	0.00658	0.000816	0.0021	0
2036 Feb	0.0439	0.0000259	17.2	12.2	0.126	0.00842	178	0.0159	0.0293	0.00022	0.00128	0.00058	0.862	0.00000364	0.00658	0.000816	0.0021	0
2036 Mar	0.0439	0.0000259	17.2	12.2	0.126	0.00842	178	0.0159	0.0293	0.00022	0.00128	0.00058	0.862	0.00000363	0.00658	0.000816	0.0021	0
2036 Apr	0.0439	0.0000259	17.2	12.2	0.126	0.00842	178	0.0159	0.0293	0.00022	0.00128	0.000581	0.863	0.00000364	0.00658	0.000816	0.0021	0
2036 May	0.044	0.000026	17.2	12.2	0.126	0.00844	179	0.016	0.0293	0.000221	0.00129	0.000582	0.865	0.00000364	0.0066	0.000818	0.0021	0
2036 Jun	0.0433	0.0000257	16.9	12	0.124	0.00828	173	0.0157	0.0293	0.000213	0.00127	0.000571	0.848	0.00000361	0.00647	0.000807	0.00211	0
2036 Jul	0.0428	0.0000257	16.9	12	0.123	0.00828	171	0.0157	0.0292	0.000208	0.00127	0.000571	0.848	0.00000361	0.00648	0.000803	0.00212	0
2036 Aug	0.0429	0.0000259	17	12.1	0.124	0.00835	172	0.0158	0.0292	0.000208	0.00128	0.000575	0.854	0.00000363	0.00653	0.000806	0.00212	0
2036 Sep	0.0426	0.000026	17.2	12.2	0.125	0.00845	173	0.016	0.029	0.000206	0.00129	0.000581	0.863	0.00000365	0.00661	0.000808	0.00213	0
2036 Oct	0.0423	0.0000261	17.2	12.2	0.125	0.00847	172	0.016	0.0289	0.000203	0.00129	0.000582	0.865	0.00000365	0.00662	0.000804	0.00212	0
2036 Nov	0.0423	0.000026	17.2	12.2	0.125	0.00846	172	0.016	0.0289	0.000202	0.00129	0.000581	0.864	0.00000365	0.00662	0.000802	0.00212	0
2036 Dec	0.0423	0.000026	17.2	12.2	0.124	0.00845	171	0.016	0.029	0.000201	0.00129	0.00058	0.862	0.00000365	0.0066	0.0008	0.00211	0
2037 Jan	0.0423	0.000026	17.2	12.2	0.124	0.00844	171	0.016	0.029	0.000201	0.00129	0.00058	0.862	0.00000365	0.0066	0.0008	0.00211	0
2037 Feb	0.0423	0.000026	17.2	12.2	0.124	0.00844	171	0.016	0.029	0.000202	0.00129	0.00058	0.862	0.00000364	0.0066	0.0008	0.00211	0
2037 Mar	0.0423	0.000026	17.2	12.2	0.124	0.00844	171	0.016	0.029	0.000202	0.00129	0.00058	0.862	0.00000364	0.0066	0.000801	0.00211	0
2037 Apr	0.0423	0.000026	17.2	12.2	0.124	0.00844	171	0.016	0.029	0.000202	0.00129	0.00058	0.862	0.00000365	0.0066	0.000801	0.00211	0
2037 May	0.0433	0.0000259	17.1	12.1	0.125	0.00837	169	0.0158	0.0293	0.000212	0.00128	0.000576	0.857	0.00000363	0.00654	0.000809	0.00211	0
2037 Jun	0.0374	0.0000197	13.1	9.44	0.0963	0.00632	126	0.0121	0.0234	0.000187	0.00097	0.000446	0.654	0.00000322	0.00493	0.000644	0.00179	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2037 Jul	0.0292	0.000013	8.75	6.47	0.0631	0.00412	82.5	0.00802	0.0166	0.000138	0.000636	0.000303	0.433	0.0000028	0.0032	0.00044	0.00144	0
2037 Aug	0.0249	0.00000979	6.72	5.07	0.0475	0.00308	62.1	0.00607	0.0133	0.00011	0.000477	0.000235	0.329	0.0000026	0.00238	0.000341	0.00128	0
2037 Sep	0.0221	0.00000793	5.56	4.29	0.0385	0.00248	50.5	0.00494	0.0114	0.0000928	0.000386	0.000196	0.269	0.00000248	0.00191	0.000282	0.00118	0
2037 Oct	0.021	0.00000726	5.15	4.01	0.0352	0.00227	46.2	0.00453	0.0108	0.0000878	0.000353	0.000182	0.248	0.00000244	0.00174	0.00026	0.00115	0
2037 Nov	0.021	0.00000727	5.16	4.01	0.0352	0.00227	46.3	0.00453	0.0108	0.0000877	0.000353	0.000183	0.249	0.00000244	0.00174	0.000261	0.00115	0
2037 Dec	0.021	0.00000727	5.16	4.01	0.0352	0.00227	46.3	0.00453	0.0108	0.0000877	0.000353	0.000183	0.249	0.00000244	0.00174	0.000261	0.00115	0
2038 Jan	0.021	0.00000727	5.16	4.01	0.0352	0.00227	46.3	0.00453	0.0108	0.0000877	0.000353	0.000183	0.249	0.00000244	0.00174	0.000261	0.00115	0
2038 Feb	0.021	0.00000727	5.16	4.01	0.0352	0.00227	46.3	0.00453	0.0108	0.0000878	0.000353	0.000183	0.249	0.00000244	0.00174	0.000261	0.00115	0
2038 Mar	0.021	0.00000727	5.16	4.01	0.0352	0.00227	46.3	0.00453	0.0108	0.0000878	0.000353	0.000183	0.249	0.00000244	0.00174	0.000261	0.00115	0
2038 Apr	0.021	0.00000727	5.16	4.01	0.0352	0.00227	46.3	0.00454	0.0108	0.0000878	0.000353	0.000183	0.249	0.00000244	0.00174	0.000261	0.00115	0
2038 May	0.0213	0.0000073	5.17	4.02	0.0355	0.00227	46.3	0.00454	0.0109	0.0000899	0.000354	0.000183	0.249	0.00000244	0.00175	0.000264	0.00115	0
2038 Jun	0.0219	0.00000697	4.91	3.87	0.0346	0.00214	43.1	0.00431	0.011	0.0000972	0.000335	0.000175	0.237	0.00000241	0.00164	0.000264	0.00113	0
2038 Jul	0.0209	0.00000611	4.34	3.48	0.0301	0.00185	37.7	0.00379	0.01	0.0000907	0.000292	0.000156	0.208	0.00000236	0.00142	0.000237	0.00109	0
2038 Aug	0.0199	0.00000545	3.93	3.19	0.0269	0.00164	33.6	0.0034	0.00931	0.0000833	0.00026	0.000143	0.187	0.00000232	0.00125	0.000216	0.00106	0
2038 Sep	0.0189	0.00000494	3.63	2.98	0.0244	0.00149	30.5	0.00309	0.00876	0.000077	0.000235	0.000132	0.171	0.00000229	0.00113	0.000198	0.00103	0
2038 Oct	0.0185	0.00000473	3.5	2.89	0.0233	0.00142	29.2	0.00296	0.00855	0.0000751	0.000225	0.000128	0.164	0.00000227	0.00107	0.000191	0.00102	0
2038 Nov	0.0185	0.00000473	3.5	2.9	0.0233	0.00142	29.2	0.00296	0.00856	0.0000751	0.000225	0.000128	0.164	0.00000227	0.00107	0.000191	0.00102	0
2038 Dec	0.0185	0.00000473	3.5	2.9	0.0233	0.00142	29.2	0.00296	0.00856	0.0000751	0.000225	0.000128	0.164	0.00000227	0.00107	0.000191	0.00102	0
2039 Jan	0.0185	0.00000473	3.5	2.9	0.0233	0.00142	29.2	0.00296	0.00856	0.0000751	0.000225	0.000128	0.164	0.00000227	0.00107	0.000191	0.00102	0
2039 Feb	0.0185	0.00000473	3.5	2.9	0.0233	0.00142	29.2	0.00296	0.00856	0.0000751	0.000225	0.000128	0.164	0.00000227	0.00107	0.000191	0.00102	0
2039 Mar	0.0185	0.00000473	3.5	2.9	0.0233	0.00142	29.2	0.00296	0.00856	0.0000752	0.000225	0.000128	0.164	0.00000227	0.00107	0.000191	0.00102	0
2039 Apr	0.0185	0.00000473	3.5	2.9	0.0233	0.00142	29.2	0.00296	0.00856	0.0000752	0.000225	0.000128	0.164	0.00000227	0.00107	0.000191	0.00102	0
2039 May	0.0185	0.00000473	3.5	2.9	0.0233	0.00142	29.2	0.00297	0.00857	0.0000752	0.000225	0.000128	0.165	0.00000227	0.00107	0.000191	0.00102	0
2039 Jun	0.0185	0.00000466	3.41	2.83	0.0226	0.00137	28.1	0.00289	0.00865	0.0000741	0.00022	0.000125	0.16	0.00000226	0.00104	0.000189	0.00102	0
2039 Jul	0.0182	0.00000442	3.23	2.7	0.0212	0.00128	26.1	0.00273	0.00845	0.0000721	0.000206	0.000119	0.15	0.00000224	0.000969	0.000181	0.00101	0
2039 Aug	0.0179	0.00000415	3.05	2.58	0.0198	0.0012	24.3	0.00256	0.0082	0.0000689	0.000193	0.000113	0.141	0.00000222	0.000898	0.000171	0.000991	0
2039 Sep	0.0174	0.00000389	2.9	2.48	0.0185	0.00112	22.9	0.00241	0.00791	0.0000657	0.00018	0.000108	0.134	0.00000221	0.000836	0.000163	0.000977	0
2039 Oct	0.0172	0.00000378	2.84	2.43	0.018	0.00108	22.2	0.00234	0.0078	0.0000649	0.000175	0.000106	0.13	0.0000022	0.000809	0.000159	0.000971	0
2039 Nov	0.0172	0.00000378	2.84	2.43	0.018	0.00108	22.2	0.00234	0.0078	0.0000649	0.000175	0.000106	0.13	0.0000022	0.000809	0.000159	0.000971	0
2039 Dec	0.0172	0.00000378	2.84	2.43	0.018	0.00108	22.2	0.00234	0.0078	0.0000649	0.000175	0.000106	0.13	0.0000022	0.000809	0.000159	0.000971	0
2040 Jan	0.0172	0.00000378	2.84	2.43	0.018	0.00108	22.2	0.00234	0.0078	0.0000649	0.000175	0.000106	0.13	0.0000022	0.000809	0.000159	0.000971	0
2040 Feb	0.0172	0.00000378	2.84	2.43	0.018	0.00108	22.2	0.00234	0.0078	0.0000649	0.000175	0.000106	0.13	0.0000022	0.000809	0.000159	0.000971	0
2040 Mar	0.0172	0.00000378	2.84	2.43	0.018	0.00108	22.2	0.00234	0.0078	0.0000649	0.000175	0.000106	0.13	0.0000022	0.000809	0.000159	0.000971	0
2040 Apr	0.0172	0.00000378	2.84	2.43	0.018	0.00108	22.2	0.00234	0.0078	0.0000649	0.000175	0.000106	0.13	0.0000022	0.000809	0.000159	0.000971	0
2040 May	0.0172	0.00000378	2.84	2.43	0.018	0.00108	22.2	0.00234	0.00782	0.0000652	0.000175	0.000106	0.131	0.0000022	0.00081	0.000159	0.000972	0
2040 Jun	0.0176	0.00000376	2.8	2.41	0.0181	0.00106	21.7	0.0023	0.00797	0.0000685	0.000173	0.000105	0.129	0.0000022	0.000792	0.000162	0.000972	0
2040 Jul	0.0174	0.00000358	2.68	2.33	0.0172	0.001	20.6	0.0022	0.00775	0.0000673	0.000164	0.000101	0.123	0.00000219	0.000747	0.000157	0.000963	0
2040 Aug	0.0171	0.00000341	2.58	2.26	0.0164	0.000951	19.6	0.00211	0.00754	0.0000652	0.000156	0.0000976	0.117	0.00000218	0.000706	0.000151	0.000954	0
2040 Sep	0.0168	0.00000326	2.49	2.2	0.0156	0.000906	18.8	0.00202	0.00736	0.000063	0.000149	0.0000946	0.113	0.00000217	0.00067	0.000146	0.000946	0
2040 Oct	0.0166	0.00000318	2.45	2.17	0.0153	0.000884	18.4	0.00197	0.00728	0.0000625	0.000145	0.0000932	0.111	0.00000217	0.000653	0.000143	0.000942	0
2040 Nov	0.0166	0.00000319	2.45	2.17	0.0153	0.000884	18.4	0.00197	0.00728	0.0000625	0.000145	0.0000932	0.111	0.00000217	0.000653	0.000143	0.000942	0
2040 Dec	0.0166	0.00000319	2.45	2.17	0.0153	0.000884	18.4	0.00197	0.00728	0.0000625	0.000145	0.0000932	0.111	0.00000217	0.000653	0.000143	0.000942	0
2041 Jan	0.0166	0.00000319	2.45	2.17	0.0153	0.000884	18.4	0.00197	0.00728	0.0000625	0.000145	0.0000932	0.111	0.00000217	0.000653	0.000143	0.000942	0
2041 Feb	0.0166	0.00000319	2.45	2.17	0.0153	0.000884	18.4	0.00197	0.00728	0.0000625	0.000145	0.0000932	0.111	0.00000217	0.000653	0.000143	0.000942	0
2041 Mar	0.0166	0.00000319	2.45	2.17	0.0153	0.000884	18.4	0.00197	0.00728	0.0000625	0.000145	0.0000932	0.111	0.00000217	0.000653	0.000143	0.000942	0
2041 Apr	0.0166	0.00000319	2.45	2.17	0.0153	0.000884	18.4	0.00197	0.00729	0.0000625	0.000145	0.0000932	0.111	0.00000217	0.000653	0.000143	0.000942	0
2041 May	0.0166	0.00000319	2.45	2.18	0.0153	0.000884	18.4	0.00197	0.00729	0.0000625	0.000145	0.0000932	0.111	0.00000217	0.000653	0.000143	0.000943	0
2041 Jun	0.0167	0.00000317	2.42	2.15	0.015	0.000869	18	0.00195	0.00736	0.0000623	0.000144	0.0000922	0.109	0.00000216	0.000641	0.000143	0.000944	0
2041 Jul	0.0166	0.00000309	2.36	2.11	0.0146	0.000839	17.3	0.0019	0.00728	0.0000617	0.000139	0.0000902	0.106	0.00000215	0.000618	0.000141	0.000939	0
2041 Aug	0.0164	0.00000298	2.29	2.06	0.014	0.000805	16.7	0.00183	0.00714	0.0000603	0.000134	0.000088	0.103	0.00000215	0.000591	0.000137	0.000934	0
2041 Sep	0.0162	0.00000287	2.23	2.02	0.0135	0.000774	16.2	0.00177	0.00701	0.0000588	0.000129	0.0000859	0.0997	0.00000214	0.000567	0.000133	0.000928	0
2041 Oct	0.0161	0.00000282	2.21	2	0.0133	0.00076	15.9	0.00174	0.00696	0.0000584	0.000127	0.000085	0.0983	0.00000214	0.000555	0.000131	0.000925	0
2041 Nov	0.0161	0.00000282	2.21	2	0.0133	0.00076	15.9	0.00174	0.00696	0.0000584	0.000127	0.000085	0.0983	0.00000214	0.000555	0.000131	0.000926	0
2041 Dec	0.0161	0.00000282	2.21	2	0.0133	0.00076	15.9	0.00174	0.00696	0.0000584	0.000127	0.000085	0.0983	0.00000214	0.000555	0.000131	0.000926	0
2042 Jan	0.0161	0.00000282	2.21	2	0.0133	0.00076	15.9	0.00174	0.00696	0.0000584	0.000127	0.000085	0.0983	0.00000214	0.000555	0.000131	0.000926	0
2042 Feb	0.0161	0.00000282	2.21	2	0.0133	0.00076	15.9	0.00174	0.00696	0.0000584	0.000127	0.000085	0.0983	0.00000214	0.000555	0.000131	0.000926	0
2042 Mar	0.0161	0.00000282	2.21	2	0.0133	0.00076	15.9	0.00174	0.00696	0.0000584	0.000127	0.000085	0.0983	0.00000214	0.000555	0.000131	0.000926	0
2042 Apr	0.0161	0.00000282	2.21	2	0.0133	0.00076	15.9	0.00174	0.00696	0.0000584	0.000127	0.000085	0.0983	0.00000214	0.000555	0.000131	0.000926	0
2042 May	0.0161	0.00000283	2.21	2	0.0133	0.00076	15.9	0.00174	0.00696	0.0000585	0.000127	0.0000851	0.0984	0.00000214	0.000556	0.000131	0.000926	0
2042 Jun	0.0161	0.00000281	2.19	1.99	0.0131	0.000749	15.7	0.00172	0.007	0.0000584	0.000126	0.0000843	0.0972	0.00000214	0.000547	0.000131	0.000926	0
2042 Jul	0.0161	0.00000275	2.14	1.95	0.0128	0.000725	15.2	0.00168	0.00694	0.0000581	0.000122	0.0000827	0.0946	0.00000213	0.000528	0.000129	0.000923	0
2042 Aug	0.016	0.00000268	2.09	1.92	0.0124	0.000702	14.8	0.00164	0.00686	0.000057	0.000118	0.0000812	0.0923	0.00000213	0.00051	0.000127	0.000918	0
2042 Sep	0.0158	0.0000026	2.05	1.89	0.012	0.00068	14.4	0.0016	0.00677	0.0000558	0.000115	0.0000797	0.0902	0.00000212	0.000493	0.000124	0.000914	0
2042 Oct	0.0157	0.00000257	2.03	1.88	0.0119	0.00067	14.2	0.00157	0.00674	0.0000555	0.000113	0.000079	0.0892	0.00000212	0.000485	0.000122	0.000911	0
2042 Nov	0.0157	0.00000257	2.03	1.88	0.0119	0.00067	14.2	0.00157	0.00674	0.0000555	0.000113	0.000079	0.0892	0.00000212	0.000485	0.000122	0.000912	0
2042 Dec	0.0157	0.00000257	2.03	1.88	0.0119	0.00067	14.2	0.00157	0.00674	0.0000555	0.000113	0.000079	0.0892	0.00000212	0.000485	0.000122	0.000912	0
2043 Jan	0.0157	0.00000257	2.03	1.88	0.0119	0.00067	14.2	0.00157	0.00674	0.0000555	0.000113	0.000079	0.0892	0.00000212	0.000485	0.000122	0.000912	0
2043 Feb	0.0157	0.00000257	2.03	1.88	0.0119	0.00067	14.2	0.00157	0.00674	0.0000555	0.000113	0.000079	0.0892	0.00000212	0.000485	0.000122	0.000912	0
2043 Mar	0.0157	0.00000257	2.03	1.88	0.0119	0.00067	14.2	0.00157	0.00674	0.0000555	0.000113	0.000079	0.0892	0.00000212	0.000485	0.000122	0.000912	0
2043 Apr	0.0157	0.00000257	2.03	1.88	0.0119	0.00067	14.2	0.00157	0.00674	0.0000555	0.000113	0.000079	0.0892	0.00000212	0.000485	0.000122	0.000912	0
2043 May	0.0157	0.00000257	2.03	1.88	0.0119	0.000671	14.2	0.00158	0.00675	0.0000557	0.000113	0.0000791	0.0893	0.00000212	0.000485	0.000123	0.000912	0
2043 Jun	0.0159	0.00000257	2.02	1.87	0.012	0.000662	14	0.00156	0.00684	0.0000573	0.000113	0.0000787	0.0886	0.00000212	0.000478	0.000125	0.000913	0
2043 Jul	0.0159	0.00000253	1.99	1.85	0.0117	0.000649	13.8	0.00154	0.00679	0.0000572	0.000111	0.0000778	0.0872	0.00000212	0.000468	0.000123	0.000911	0
2043 Aug	0.0159	0.00000253	1.99	1.86	0.0118	0.00065	13.8	0.00154	0.0068	0.0000573	0.000111	0.0000779	0.0873	0.00000212	0.000469	0.000123	0.000912	0
2043 Sep	0.0159	0.00000253	1.99	1.86	0.0118	0.000651	13.8	0.00155	0.0068	0.0000573	0.000111	0.000078	0.0875	0.00000212	0.00047	0.000124	0.000913	0
2043 Oct	0.0159	0.00000254	2	1.86	0.0118	0.000652	13.8	0.00155	0.00682	0.0000572	0.000111	0.0000781	0.0875	0.00000212	0.00047	0.000124	0.000913	0
2043 Nov	0.0159	0.00000254	2	1.86	0.0118	0.000652	13.8	0.00155	0.00684	0.0000572	0.000111	0.0000781	0.0875	0.00000212	0.00047	0.000124	0.000913	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2043 Dec	0.0159	0.00000254	2	1.86	0.0118	0.000652	13.8	0.00155	0.00684	0.0000572	0.000111	0.0000781	0.0875	0.00000212	0.00047	0.000124	0.000913	0
2044 Jan	0.0159	0.00000254	2	1.86	0.0118	0.000652	13.8	0.00155	0.00684	0.0000572	0.000111	0.0000781	0.0875	0.00000212	0.00047	0.000124	0.000913	0
2044 Feb	0.0159	0.00000254	2	1.86	0.0118	0.000652	13.8	0.00155	0.00684	0.0000572	0.000111	0.0000781	0.0875	0.00000212	0.00047	0.000124	0.000913	0
2044 Mar	0.0159	0.00000254	2	1.86	0.0118	0.000652	13.8	0.00155	0.00684	0.0000572	0.000111	0.0000781	0.0876	0.00000212	0.00047	0.000124	0.000913	0
2044 Apr	0.0159	0.00000254	2	1.86	0.0118	0.000652	13.8	0.00155	0.00684	0.0000572	0.000111	0.0000781	0.0876	0.00000212	0.00047	0.000124	0.000913	0
2044 May	0.0159	0.00000254	2	1.86	0.0118	0.000652	13.8	0.00155	0.00684	0.0000573	0.000111	0.0000781	0.0876	0.00000212	0.00047	0.000124	0.000913	0
2044 Jun	0.016	0.00000257	2	1.86	0.0118	0.000654	13.7	0.00155	0.00694	0.0000574	0.000112	0.0000781	0.0877	0.00000212	0.000472	0.000125	0.000915	0
2044 Jul	0.016	0.00000258	2	1.86	0.0119	0.000656	13.8	0.00156	0.00697	0.0000575	0.000112	0.0000783	0.088	0.00000212	0.000473	0.000125	0.000917	0
2044 Aug	0.016	0.00000259	2.01	1.87	0.0119	0.000657	13.8	0.00156	0.00698	0.0000576	0.000112	0.0000784	0.0881	0.00000212	0.000474	0.000125	0.000918	0
2044 Sep	0.0161	0.00000259	2.01	1.87	0.0119	0.000659	13.8	0.00156	0.00699	0.0000575	0.000113	0.0000785	0.0883	0.00000212	0.000476	0.000126	0.000918	0
2044 Oct	0.0161	0.0000026	2.01	1.87	0.0119	0.00066	13.8	0.00156	0.007	0.0000575	0.000113	0.0000786	0.0884	0.00000212	0.000476	0.000126	0.000918	0
2044 Nov	0.0161	0.0000026	2.01	1.87	0.0119	0.00066	13.8	0.00156	0.00701	0.0000575	0.000113	0.0000786	0.0884	0.00000212	0.000476	0.000126	0.000918	0
2044 Dec	0.0161	0.0000026	2.01	1.87	0.0119	0.00066	13.8	0.00156	0.00701	0.0000575	0.000113	0.0000786	0.0884	0.00000212	0.000476	0.000126	0.000918	0
2045 Jan	0.0161	0.0000026	2.01	1.87	0.0119	0.00066	13.8	0.00156	0.00701	0.0000575	0.000113	0.0000786	0.0884	0.00000212	0.000476	0.000126	0.000918	0
2045 Feb	0.0161	0.0000026	2.01	1.87	0.0119	0.00066	13.8	0.00156	0.00701	0.0000575	0.000113	0.0000786	0.0884	0.00000212	0.000476	0.000126	0.000918	0
2045 Mar	0.0161	0.0000026	2.01	1.87	0.0119	0.00066	13.8	0.00156	0.00701	0.0000575	0.000113	0.0000786	0.0884	0.00000212	0.000476	0.000126	0.000918	0
2045 Apr	0.0161	0.0000026	2.01	1.87	0.0119	0.00066	13.8	0.00156	0.00701	0.0000575	0.000113	0.0000786	0.0884	0.00000212	0.000476	0.000126	0.000918	0
2045 May	0.0161	0.0000026	2.01	1.87	0.0119	0.00066	13.8	0.00156	0.00701	0.0000575	0.000113	0.0000786	0.0884	0.00000212	0.000476	0.000126	0.000919	0
2045 Jun	0.0161	0.00000262	2.01	1.87	0.012	0.000661	13.8	0.00157	0.00709	0.0000576	0.000113	0.0000786	0.0885	0.00000212	0.000477	0.000127	0.000921	0
2045 Jul	0.0162	0.00000264	2.02	1.87	0.012	0.000663	13.8	0.00157	0.00714	0.0000577	0.000114	0.0000788	0.0887	0.00000212	0.000478	0.000127	0.000923	0
2045 Aug	0.0162	0.00000264	2.02	1.88	0.012	0.000664	13.8	0.00157	0.00715	0.0000577	0.000114	0.0000789	0.0889	0.00000213	0.00048	0.000127	0.000924	0
2045 Sep	0.0162	0.00000264	2.02	1.88	0.012	0.000666	13.8	0.00158	0.00715	0.0000578	0.000114	0.000079	0.089	0.00000213	0.000481	0.000127	0.000924	0
2045 Oct	0.0162	0.00000265	2.02	1.88	0.012	0.000666	13.8	0.00158	0.00716	0.0000578	0.000114	0.000079	0.0891	0.00000213	0.000481	0.000127	0.000925	0
2045 Nov	0.0162	0.00000265	2.02	1.88	0.012	0.000666	13.8	0.00158	0.00716	0.0000578	0.000114	0.000079	0.0891	0.00000213	0.000481	0.000127	0.000925	0
2045 Dec	0.0162	0.00000265	2.02	1.88	0.012	0.000666	13.8	0.00158	0.00716	0.0000578	0.000114	0.000079	0.0891	0.00000213	0.000481	0.000127	0.000925	0
2046 Jan	0.0162	0.00000265	2.02	1.88	0.012	0.000666	13.8	0.00158	0.00716	0.0000578	0.000114	0.000079	0.0891	0.00000213	0.000481	0.000127	0.000925	0
2046 Feb	0.0162	0.00000265	2.02	1.88	0.012	0.000666	13.8	0.00158	0.00716	0.0000578	0.000114	0.000079	0.0891	0.00000213	0.000481	0.000127	0.000925	0
2046 Mar	0.0162	0.00000265	2.02	1.88	0.0121	0.000666	13.8	0.00158	0.00716	0.0000578	0.000114	0.000079	0.0891	0.00000213	0.000481	0.000127	0.000925	0
2046 Apr	0.0162	0.00000265	2.02	1.88	0.0121	0.000666	13.8	0.00158	0.00716	0.0000578	0.000114	0.000079	0.0891	0.00000213	0.000481	0.000128	0.000925	0
2046 May	0.0162	0.00000265	2.02	1.88	0.0121	0.000666	13.8	0.00158	0.00716	0.0000578	0.000114	0.0000791	0.0891	0.00000213	0.000481	0.000128	0.000925	0
2046 Jun	0.0163	0.00000268	2.02	1.88	0.0121	0.000667	13.8	0.00158	0.00728	0.0000579	0.000115	0.0000791	0.0892	0.00000213	0.000482	0.000129	0.000929	0
2046 Jul	0.0163	0.0000027	2.03	1.88	0.0121	0.000669	13.8	0.00158	0.00735	0.0000579	0.000116	0.0000792	0.0894	0.00000213	0.000484	0.00013	0.00093	0
2046 Aug	0.0163	0.0000027	2.03	1.89	0.0122	0.000671	13.8	0.00159	0.00736	0.000058	0.000116	0.0000793	0.0896	0.00000213	0.000485	0.00013	0.000931	0
2046 Sep	0.0163	0.00000271	2.03	1.89	0.0122	0.000672	13.8	0.00159	0.00737	0.000058	0.000116	0.0000794	0.0897	0.00000213	0.000486	0.00013	0.000931	0
2046 Oct	0.0163	0.00000271	2.04	1.89	0.0122	0.000673	13.8	0.00159	0.00738	0.0000579	0.000116	0.0000794	0.0898	0.00000213	0.000487	0.00013	0.000931	0
2046 Nov	0.0163	0.00000272	2.04	1.89	0.0122	0.000673	13.8	0.00159	0.00738	0.0000579	0.000116	0.0000794	0.0898	0.00000213	0.000487	0.00013	0.000931	0
2046 Dec	0.0163	0.00000272	2.04	1.89	0.0122	0.000673	13.8	0.00159	0.00739	0.0000579	0.000116	0.0000794	0.0898	0.00000213	0.000487	0.00013	0.000931	0
2047 Jan	0.0163	0.00000272	2.04	1.89	0.0122	0.000673	13.8	0.00159	0.00739	0.0000579	0.000116	0.0000794	0.0898	0.00000213	0.000487	0.00013	0.000931	0
2047 Feb	0.0163	0.00000272	2.04	1.89	0.0122	0.000673	13.8	0.00159	0.00739	0.0000579	0.000116	0.0000794	0.0898	0.00000213	0.000487	0.00013	0.000931	0
2047 Mar	0.0163	0.00000272	2.04	1.89	0.0122	0.000673	13.8	0.00159	0.00739	0.000058	0.000116	0.0000794	0.0898	0.00000213	0.000487	0.00013	0.000931	0
2047 Apr	0.0163	0.00000272	2.04	1.89	0.0122	0.000674	13.8	0.00159	0.00739	0.000058	0.000116	0.0000794	0.0898	0.00000213	0.000487	0.00013	0.000931	0
2047 May	0.0164	0.00000272	2.04	1.89	0.0122	0.000674	13.8	0.00159	0.00741	0.0000584	0.000116	0.0000795	0.0899	0.00000213	0.000487	0.000131	0.000932	0
2047 Jun	0.0167	0.00000275	2.04	1.9	0.0126	0.000675	13.8	0.0016	0.00756	0.000061	0.000117	0.0000798	0.0904	0.00000213	0.000488	0.000134	0.000934	0
2047 Jul	0.0167	0.00000275	2.05	1.9	0.0126	0.000677	13.8	0.0016	0.00757	0.0000611	0.000117	0.0000799	0.0906	0.00000213	0.000489	0.000134	0.000936	0
2047 Aug	0.0167	0.00000276	2.05	1.91	0.0126	0.000678	13.8	0.00161	0.00758	0.0000612	0.000118	0.0000801	0.0908	0.00000213	0.00049	0.000135	0.000937	0
2047 Sep	0.0167	0.00000277	2.05	1.91	0.0126	0.00068	13.8	0.00161	0.00758	0.0000612	0.000118	0.0000802	0.091	0.00000213	0.000492	0.000135	0.000937	0
2047 Oct	0.0167	0.00000277	2.05	1.91	0.0126	0.000681	13.8	0.00161	0.00759	0.0000611	0.000118	0.0000802	0.091	0.00000213	0.000492	0.000135	0.000937	0
2047 Nov	0.0167	0.00000277	2.05	1.91	0.0126	0.000681	13.8	0.00161	0.0076	0.0000611	0.000118	0.0000802	0.0911	0.00000213	0.000492	0.000135	0.000937	0
2047 Dec	0.0167	0.00000277	2.06	1.91	0.0126	0.000681	13.8	0.00161	0.0076	0.0000611	0.000118	0.0000802	0.0911	0.00000213	0.000492	0.000135	0.000937	0
2048 Jan	0.0167	0.00000277	2.06	1.91	0.0126	0.000681	13.8	0.00161	0.0076	0.0000611	0.000118	0.0000802	0.0911	0.00000213	0.000492	0.000135	0.000937	0
2048 Feb	0.0167	0.00000277	2.06	1.91	0.0126	0.000681	13.8	0.00161	0.0076	0.0000611	0.000118	0.0000802	0.0911	0.00000213	0.000492	0.000135	0.000937	0
2048 Mar	0.0167	0.00000277	2.06	1.91	0.0127	0.000681	13.8	0.00161	0.0076	0.0000611	0.000118	0.0000802	0.0911	0.00000213	0.000492	0.000135	0.000937	0
2048 Apr	0.0167	0.00000277	2.06	1.91	0.0127	0.000681	13.8	0.00161	0.0076	0.0000611	0.000118	0.0000802	0.0911	0.00000213	0.000492	0.000135	0.000937	0
2048 May	0.0167	0.00000277	2.06	1.91	0.0127	0.000681	13.8	0.00161	0.00761	0.0000612	0.000118	0.0000803	0.0911	0.00000213	0.000493	0.000135	0.000937	0
2048 Jun	0.0168	0.0000028	2.06	1.91	0.0127	0.000682	13.8	0.00161	0.00772	0.0000612	0.000119	0.0000803	0.0912	0.00000213	0.000493	0.000136	0.00094	0
2048 Jul	0.0168	0.00000282	2.06	1.91	0.0127	0.000684	13.8	0.00162	0.00779	0.0000613	0.000119	0.0000804	0.0914	0.00000213	0.000495	0.000137	0.000943	0
2048 Aug	0.0168	0.00000283	2.06	1.92	0.0128	0.000686	13.8	0.00162	0.00781	0.0000613	0.00012	0.0000805	0.0916	0.00000213	0.000496	0.000137	0.000943	0
2048 Sep	0.0169	0.00000284	2.07	1.92	0.0128	0.000687	13.8	0.00162	0.00781	0.0000613	0.00012	0.0000806	0.0917	0.00000213	0.000497	0.000137	0.000944	0
2048 Oct	0.0169	0.00000284	2.07	1.92	0.0128	0.000688	13.8	0.00162	0.00782	0.0000613	0.00012	0.0000806	0.0918	0.00000213	0.000498	0.000137	0.000943	0
2048 Nov	0.0169	0.00000284	2.07	1.92	0.0128	0.000688	13.8	0.00162	0.00782	0.0000613	0.00012	0.0000807	0.0918	0.00000213	0.000498	0.000137	0.000944	0
2048 Dec	0.0169	0.00000284	2.07	1.92	0.0128	0.000688	13.8	0.00162	0.00782	0.0000613	0.00012	0.0000807	0.0918	0.00000213	0.000498	0.000137	0.000944	0
2049 Jan	0.0169	0.00000284	2.07	1.92	0.0128	0.000688	13.8	0.00162	0.00782	0.0000613	0.00012	0.0000807	0.0918	0.00000213	0.000498	0.000137	0.000944	0
2049 Feb	0.0169	0.00000284	2.07	1.92	0.0128	0.000688	13.8	0.00162	0.00782	0.0000613	0.00012	0.0000807	0.0918	0.00000213	0.000498	0.000137	0.000944	0
2049 Mar	0.0169	0.00000284	2.07	1.92	0.0128	0.000688	13.8	0.00162	0.00782	0.0000613	0.00012	0.0000807	0.0918	0.00000213	0.000498	0.000137	0.000944	0
2049 Apr	0.0169	0.00000284	2.07	1.92	0.0128	0.000688	13.8	0.00163	0.00782	0.0000613	0.00012	0.0000807	0.0918	0.00000213	0.000498	0.000137	0.000944	0
2049 May	0.0169	0.00000284	2.07	1.92	0.0128	0.000689	13.8	0.00163	0.00783	0.0000613	0.00012	0.0000807	0.0919	0.00000213	0.000498	0.000137	0.000944	0
2049 Jun	0.0169	0.00000287	2.07	1.92	0.0128	0.000689	13.8	0.00163	0.00794	0.0000614	0.000121	0.0000807	0.0919	0.00000213	0.000499	0.000139	0.000947	0
2049 Jul	0.017	0.00000289	2.07	1.92	0.0129	0.000691	13.8	0.00163	0.00799	0.0000615	0.000121	0.0000808	0.0922	0.00000213	0.000501	0.000139	0.000949	0
2049 Aug	0.017	0.00000289	2.08	1.93	0.0129	0.000693	13.8	0.00164	0.008	0.0000616	0.000122	0.000081	0.0924	0.00000213	0.000502	0.000139	0.00095	0
2049 Sep	0.017	0.0000029	2.08	1.93	0.0129	0.000695	13.8	0.00164	0.00801	0.0000615	0.000122	0.0000811	0.0925	0.00000213	0.000503	0.000139	0.00095	0
2049 Oct	0.017	0.0000029	2.08	1.93	0.0129	0.000696	13.8	0.00164	0.00802	0.0000615	0.000122	0.0000811	0.0926	0.00000213	0.000504	0.000139	0.00095	0
2049 Nov	0.017	0.0000029	2.08	1.93	0.0129	0.000696	13.8	0.00164	0.00802	0.0000615	0.000122	0.0000811	0.0926	0.00000213	0.000504	0.000139	0.00095	0
2049 Dec	0.017	0.0000029	2.08	1.93	0.0129	0.000696	13.8	0.00164	0.00802	0.0000615	0.000122	0.0000811	0.0926	0.00000213	0.000504	0.000139	0.00095	0
2050 Jan	0.017	0.0000029	2.08	1.93	0.0129	0.000696	13.8	0.00164	0.00802	0.0000615	0.000122	0.0000811	0.0926	0.00000213	0.000504	0.000139	0.00095	0
2050 Feb	0.017	0.0000029	2.08	1.93	0.0129	0.000696	13.8	0.00164	0.00802	0.0000615	0.000122	0.0000811	0.0926	0.00000213	0.000504	0.000139	0.00095	0
2050 Mar	0.017	0.0000029	2.08	1.93	0.0129	0.000696	13.8	0.00164	0.00802	0.0000615	0.000122	0.0000811	0.0926	0.00000213	0.000504	0.000139	0.00095	0
2050 Apr	0.017	0.0000029	2.08	1.93	0.0129	0.000696	13.8	0.00164	0.00803	0.0000615	0.000122	0.0000811	0.0926	0.00000213	0.000504	0.000139	0.00095	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2050 May	0.017	0.0000029	2.08	1.93	0.0129	0.000696	13.8	0.00164	0.00803	0.0000615	0.000122	0.0000811	0.0926	0.00000213	0.000504	0.000139	0.00095	0
2050 Jun	0.0171	0.00000292	2.08	1.93	0.013	0.000697	13.8	0.00164	0.00811	0.0000617	0.000123	0.0000812	0.0928	0.00000213	0.000505	0.00014	0.000953	0
2050 Jul	0.0171	0.00000294	2.09	1.93	0.013	0.000699	13.8	0.00165	0.00814	0.0000617	0.000123	0.0000813	0.093	0.00000213	0.000507	0.000141	0.000954	0
2050 Aug	0.0171	0.00000294	2.09	1.94	0.013	0.000701	13.8	0.00165	0.00815	0.0000618	0.000123	0.0000814	0.0932	0.00000213	0.000508	0.000141	0.000955	0
2050 Sep	0.0171	0.00000295	2.09	1.94	0.013	0.000702	13.8	0.00165	0.00816	0.0000618	0.000124	0.0000815	0.0933	0.00000213	0.000509	0.000141	0.000955	0
2050 Oct	0.0171	0.00000295	2.1	1.94	0.0131	0.000703	13.8	0.00165	0.00816	0.0000618	0.000124	0.0000816	0.0933	0.00000213	0.000509	0.000141	0.000955	0
2050 Nov	0.0171	0.00000295	2.1	1.94	0.0131	0.000703	13.8	0.00165	0.00816	0.0000618	0.000124	0.0000816	0.0933	0.00000213	0.000509	0.000141	0.000955	0
2050 Dec	0.0171	0.00000295	2.1	1.94	0.0131	0.000703	13.8	0.00165	0.00816	0.0000618	0.000124	0.0000816	0.0933	0.00000213	0.000509	0.000141	0.000955	0
2051 Jan	0.0171	0.00000295	2.1	1.94	0.0131	0.000703	13.8	0.00165	0.00816	0.0000618	0.000124	0.0000816	0.0933	0.00000213	0.000509	0.000141	0.000955	0
2051 Feb	0.0171	0.00000295	2.1	1.94	0.0131	0.000703	13.8	0.00165	0.00816	0.0000618	0.000124	0.0000816	0.0933	0.00000213	0.000509	0.000141	0.000955	0
2051 Mar	0.0171	0.00000295	2.1	1.94	0.0131	0.000703	13.8	0.00165	0.00817	0.0000618	0.000124	0.0000816	0.0933	0.00000213	0.000509	0.000141	0.000955	0
2051 Apr	0.0171	0.00000295	2.1	1.94	0.0131	0.000703	13.8	0.00165	0.00817	0.0000618	0.000124	0.0000816	0.0934	0.00000214	0.000509	0.000141	0.000955	0
2051 May	0.0171	0.00000295	2.1	1.94	0.0131	0.000703	13.8	0.00166	0.00817	0.0000619	0.000124	0.0000816	0.0934	0.00000214	0.00051	0.000141	0.000956	0
2051 Jun	0.0173	0.00000299	2.1	1.94	0.0133	0.000704	13.8	0.00166	0.00835	0.0000635	0.000125	0.0000817	0.0937	0.00000213	0.00051	0.000144	0.000959	0
2051 Jul	0.0174	0.000003	2.1	1.95	0.0133	0.000706	13.8	0.00166	0.00837	0.0000635	0.000125	0.0000819	0.0939	0.00000213	0.000512	0.000145	0.00096	0
2051 Aug	0.0174	0.00000301	2.11	1.95	0.0133	0.000708	13.8	0.00167	0.00838	0.0000635	0.000125	0.000082	0.0941	0.00000213	0.000514	0.000145	0.000961	0
2051 Sep	0.0174	0.00000302	2.11	1.95	0.0134	0.00071	13.8	0.00167	0.0084	0.0000635	0.000126	0.0000821	0.0943	0.00000213	0.000515	0.000145	0.000961	0
2051 Oct	0.0174	0.00000303	2.11	1.95	0.0134	0.000711	13.8	0.00167	0.00845	0.0000634	0.000126	0.0000821	0.0944	0.00000213	0.000516	0.000145	0.00096	0
2051 Nov	0.0174	0.00000303	2.11	1.95	0.0134	0.000711	13.8	0.00167	0.00845	0.0000634	0.000126	0.0000821	0.0944	0.00000213	0.000516	0.000145	0.00096	0
2051 Dec	0.0174	0.00000303	2.11	1.95	0.0134	0.000711	13.8	0.00167	0.00846	0.0000634	0.000126	0.0000821	0.0944	0.00000213	0.000516	0.000145	0.00096	0
2052 Jan	0.0174	0.00000303	2.11	1.95	0.0134	0.000711	13.8	0.00167	0.00846	0.0000634	0.000126	0.0000821	0.0944	0.00000213	0.000516	0.000145	0.00096	0
2052 Feb	0.0174	0.00000303	2.11	1.95	0.0134	0.000711	13.8	0.00167	0.00846	0.0000634	0.000126	0.0000821	0.0944	0.00000213	0.000516	0.000145	0.00096	0
2052 Mar	0.0174	0.00000303	2.11	1.95	0.0134	0.000711	13.8	0.00167	0.00846	0.0000634	0.000126	0.0000821	0.0944	0.00000213	0.000516	0.000145	0.00096	0
2052 Apr	0.0174	0.00000303	2.11	1.95	0.0134	0.000711	13.8	0.00167	0.00846	0.0000634	0.000126	0.0000821	0.0944	0.00000213	0.000516	0.000145	0.00096	0
2052 May	0.0174	0.00000303	2.11	1.96	0.0134	0.000712	13.8	0.00167	0.00846	0.0000635	0.000126	0.0000822	0.0945	0.00000213	0.000516	0.000145	0.000961	0
2052 Jun	0.0175	0.00000304	2.12	1.96	0.0135	0.000713	13.8	0.00168	0.00852	0.000064	0.000126	0.0000823	0.0947	0.00000213	0.000517	0.000146	0.000962	0
2052 Jul	0.0175	0.00000306	2.12	1.96	0.0135	0.000715	13.8	0.00168	0.00854	0.0000641	0.000126	0.0000825	0.0949	0.00000213	0.000519	0.000146	0.000963	0
2052 Aug	0.0175	0.00000306	2.12	1.96	0.0135	0.000717	13.8	0.00168	0.00855	0.0000641	0.000127	0.0000826	0.0951	0.00000214	0.00052	0.000147	0.000964	0
2052 Sep	0.0175	0.00000307	2.13	1.97	0.0135	0.000719	13.8	0.00169	0.00856	0.0000641	0.000127	0.0000827	0.0953	0.00000214	0.000521	0.000147	0.000964	0
2052 Oct	0.0175	0.00000307	2.13	1.97	0.0136	0.000719	13.8	0.00169	0.00856	0.0000641	0.000127	0.0000827	0.0953	0.00000214	0.000522	0.000147	0.000964	0
2052 Nov	0.0175	0.00000307	2.13	1.97	0.0136	0.000719	13.8	0.00169	0.00856	0.0000641	0.000127	0.0000827	0.0953	0.00000214	0.000522	0.000147	0.000964	0
2052 Dec	0.0175	0.00000307	2.13	1.97	0.0136	0.000719	13.8	0.00169	0.00856	0.0000641	0.000127	0.0000827	0.0953	0.00000214	0.000522	0.000147	0.000964	0
2053 Jan	0.0175	0.00000307	2.13	1.97	0.0136	0.000719	13.8	0.00169	0.00856	0.0000641	0.000127	0.0000827	0.0953	0.00000214	0.000522	0.000147	0.000964	0
2053 Feb	0.0175	0.00000307	2.13	1.97	0.0136	0.000719	13.8	0.00169	0.00857	0.0000641	0.000127	0.0000827	0.0953	0.00000214	0.000522	0.000147	0.000964	0
2053 Mar	0.0175	0.00000307	2.13	1.97	0.0136	0.000719	13.8	0.00169	0.00857	0.0000641	0.000127	0.0000827	0.0953	0.00000214	0.000522	0.000147	0.000964	0
2053 Apr	0.0175	0.00000307	2.13	1.97	0.0136	0.000719	13.8	0.00169	0.00857	0.0000641	0.000127	0.0000828	0.0953	0.00000214	0.000522	0.000147	0.000964	0
2053 May	0.0176	0.00000308	2.13	1.97	0.0136	0.00072	13.8	0.00169	0.0086	0.0000648	0.000127	0.0000828	0.0955	0.00000214	0.000522	0.000148	0.000965	0
2053 Jun	0.0178	0.0000031	2.13	1.98	0.0139	0.000721	13.8	0.00169	0.00872	0.0000666	0.000128	0.000083	0.0959	0.00000214	0.000523	0.00015	0.000967	0
2053 Jul	0.0178	0.00000311	2.14	1.98	0.0139	0.000723	13.8	0.0017	0.00873	0.0000667	0.000128	0.0000832	0.0961	0.00000214	0.000525	0.000151	0.000968	0
2053 Aug	0.0179	0.00000312	2.14	1.99	0.0139	0.000725	13.8	0.0017	0.00875	0.0000668	0.000129	0.0000834	0.0963	0.00000214	0.000526	0.000151	0.000969	0
2053 Sep	0.0179	0.00000312	2.15	1.99	0.0139	0.000726	13.8	0.0017	0.00875	0.0000668	0.000129	0.0000835	0.0964	0.00000214	0.000527	0.000151	0.00097	0
2053 Oct	0.0179	0.00000312	2.15	1.99	0.014	0.000727	13.9	0.00171	0.00875	0.0000668	0.000129	0.0000835	0.0965	0.00000214	0.000527	0.000151	0.00097	0
2053 Nov	0.0179	0.00000312	2.15	1.99	0.014	0.000727	13.9	0.00171	0.00875	0.0000668	0.000129	0.0000835	0.0965	0.00000214	0.000527	0.000151	0.00097	0
2053 Dec	0.0179	0.00000312	2.15	1.99	0.014	0.000727	13.9	0.00171	0.00875	0.0000668	0.000129	0.0000835	0.0965	0.00000214	0.000527	0.000151	0.00097	0
2054 Jan	0.0179	0.00000312	2.15	1.99	0.014	0.000727	13.9	0.00171	0.00875	0.0000668	0.000129	0.0000835	0.0965	0.00000214	0.000527	0.000151	0.00097	0
2054 Feb	0.0179	0.00000312	2.15	1.99	0.014	0.000727	13.9	0.00171	0.00875	0.0000668	0.000129	0.0000835	0.0965	0.00000214	0.000527	0.000151	0.00097	0
2054 Mar	0.0179	0.00000312	2.15	1.99	0.014	0.000727	13.9	0.00171	0.00875	0.0000668	0.000129	0.0000835	0.0965	0.00000214	0.000527	0.000151	0.00097	0
2054 Apr	0.0179	0.00000312	2.15	1.99	0.014	0.000727	13.9	0.00171	0.00876	0.0000668	0.000129	0.0000835	0.0965	0.00000214	0.000528	0.000151	0.00097	0
2054 May	0.0179	0.00000312	2.15	1.99	0.014	0.000727	13.9	0.00171	0.00876	0.0000669	0.000129	0.0000836	0.0966	0.00000214	0.000528	0.000151	0.000971	0
2054 Jun	0.0181	0.00000315	2.15	2	0.0142	0.000728	13.8	0.00171	0.00887	0.0000684	0.00013	0.0000837	0.0969	0.00000214	0.000529	0.000153	0.000973	0
2054 Jul	0.0181	0.00000316	2.16	2	0.0142	0.000731	13.8	0.00172	0.00889	0.0000684	0.00013	0.0000839	0.0971	0.00000214	0.000531	0.000154	0.000973	0
2054 Aug	0.0181	0.00000316	2.16	2	0.0142	0.000733	13.9	0.00172	0.0089	0.0000684	0.00013	0.000084	0.0973	0.00000214	0.000532	0.000154	0.000974	0
2054 Sep	0.0181	0.00000317	2.16	2	0.0142	0.000734	13.9	0.00172	0.00891	0.0000684	0.00013	0.0000841	0.0974	0.00000214	0.000533	0.000154	0.000974	0
2054 Oct	0.0181	0.00000317	2.16	2	0.0142	0.000735	13.9	0.00172	0.00891	0.0000684	0.000131	0.0000841	0.0975	0.00000214	0.000534	0.000154	0.000974	0
2054 Nov	0.0181	0.00000317	2.16	2	0.0142	0.000735	13.9	0.00172	0.00891	0.0000684	0.000131	0.0000841	0.0975	0.00000214	0.000534	0.000154	0.000974	0
2054 Dec	0.0181	0.00000317	2.16	2	0.0142	0.000735	13.9	0.00172	0.00892	0.0000684	0.000131	0.0000841	0.0975	0.00000214	0.000534	0.000154	0.000974	0
2055 Jan	0.0181	0.00000317	2.16	2	0.0142	0.000735	13.9	0.00172	0.00892	0.0000684	0.000131	0.0000841	0.0975	0.00000214	0.000534	0.000154	0.000974	0
2055 Feb	0.0181	0.00000317	2.16	2	0.0142	0.000735	13.9	0.00172	0.00892	0.0000684	0.000131	0.0000841	0.0975	0.00000214	0.000534	0.000154	0.000974	0
2055 Mar	0.0181	0.00000317	2.16	2	0.0142	0.000735	13.9	0.00172	0.00892	0.0000684	0.000131	0.0000841	0.0975	0.00000214	0.000534	0.000154	0.000974	0
2055 Apr	0.0181	0.00000317	2.16	2	0.0142	0.000735	13.9	0.00172	0.00892	0.0000684	0.000131	0.0000841	0.0975	0.00000214	0.000534	0.000154	0.000974	0
2055 May	0.0181	0.00000317	2.16	2	0.0143	0.000735	13.9	0.00172	0.00892	0.0000684	0.000131	0.0000842	0.0976	0.00000214	0.000534	0.000154	0.000974	0
2055 Jun	0.0182	0.0000032	2.16	2	0.0143	0.000735	13.8	0.00173	0.00904	0.0000685	0.000131	0.0000841	0.0976	0.00000214	0.000534	0.000155	0.000978	0
2055 Jul	0.0182	0.00000322	2.17	2.01	0.0143	0.000737	13.8	0.00173	0.00908	0.0000685	0.000132	0.0000843	0.0978	0.00000214	0.000536	0.000156	0.000979	0
2055 Aug	0.0182	0.00000322	2.17	2.01	0.0143	0.000739	13.9	0.00173	0.00909	0.0000686	0.000132	0.0000844	0.098	0.00000214	0.000537	0.000156	0.00098	0
2055 Sep	0.0182	0.00000323	2.17	2.01	0.0144	0.00074	13.9	0.00174	0.0091	0.0000686	0.000132	0.0000845	0.0981	0.00000214	0.000538	0.000156	0.000981	0
2055 Oct	0.0182	0.00000323	2.18	2.01	0.0144	0.000741	13.9	0.00174	0.0091	0.0000686	0.000132	0.0000845	0.0982	0.00000214	0.000539	0.000156	0.000981	0
2055 Nov	0.0182	0.00000323	2.18	2.01	0.0144	0.000741	13.9	0.00174	0.0091	0.0000686	0.000132	0.0000845	0.0982	0.00000214	0.000539	0.000156	0.000981	0
2055 Dec	0.0182	0.00000323	2.18	2.01	0.0144	0.000741	13.9	0.00174	0.0091	0.0000686	0.000132	0.0000845	0.0982	0.00000214	0.000539	0.000156	0.000981	0
2056 Jan	0.0182	0.00000323	2.18	2.01	0.0144	0.000741	13.9	0.00174	0.0091	0.0000686	0.000132	0.0000845	0.0982	0.00000214	0.000539	0.000156	0.000981	0
2056 Feb	0.0182	0.00000323	2.18	2.01	0.0144	0.000741	13.9	0.00174	0.0091	0.0000686	0.000132	0.0000845	0.0982	0.00000214	0.000539	0.000156	0.000981	0
2056 Mar	0.0182	0.00000323	2.18	2.01	0.0144	0.000741	13.9	0.00174	0.0091	0.0000686	0.000132	0.0000845	0.0982	0.00000214	0.000539	0.000156	0.000981	0
2056 Apr	0.0182	0.00000323	2.18	2.01	0.0144	0.000741	13.9	0.00174	0.0091	0.0000686	0.000132	0.0000845	0.0982	0.00000214	0.000539	0.000156	0.000981	0
2056 May	0.0183	0.00000324	2.18	2.02	0.0144	0.000741	13.9	0.00174	0.00913	0.0000691	0.000132	0.0000846	0.0983	0.00000215	0.000539	0.000157	0.000982	0
2056 Jun	0.0185	0.00000326	2.18	2.02	0.0147	0.000743	13.9	0.00174	0.00926	0.0000715	0.000133	0.0000849	0.0988	0.00000214	0.00054	0.00016	0.000983	0
2056 Jul	0.0186	0.00000327	2.19	2.03	0.0148	0.000745	13.9	0.00175	0.00927	0.0000716	0.000133	0.000085	0.099	0.00000215	0.000541	0.00016	0.000985	0
2056 Aug	0.0186	0.00000327	2.19	2.03	0.0148	0.000747	13.9	0.00175	0.00928	0.0000716	0.000134	0.0000852	0.0992	0.00000215	0.000543	0.000161	0.000985	0
2056 Sep	0.0186	0.00000328	2.19	2.03	0.0148	0.000748	13.9	0.00175	0.00929	0.0000716	0.000134	0.0000853	0.0993	0.00000215	0.000544	0.000161	0.000986	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Oct	0.0186	0.00000328	2.19	2.03	0.0148	0.000749	13.9	0.00175	0.00929	0.0000716	0.000134	0.0000853	0.0994	0.00000215	0.000545	0.000161	0.000986	0
2056 Nov	0.0186	0.00000328	2.19	2.03	0.0148	0.000749	13.9	0.00176	0.00929	0.0000716	0.000134	0.0000853	0.0994	0.00000215	0.000545	0.000161	0.000986	0
2056 Dec	0.0186	0.00000328	2.19	2.03	0.0148	0.000749	13.9	0.00176	0.00929	0.0000716	0.000134	0.0000853	0.0994	0.00000215	0.000545	0.000161	0.000986	0
2057 Jan	0.0186	0.00000328	2.19	2.03	0.0148	0.000749	13.9	0.00176	0.00929	0.0000716	0.000134	0.0000853	0.0994	0.00000215	0.000545	0.000161	0.000986	0
2057 Feb	0.0186	0.00000328	2.19	2.03	0.0148	0.000749	13.9	0.00176	0.00929	0.0000716	0.000134	0.0000853	0.0994	0.00000215	0.000545	0.000161	0.000986	0
2057 Mar	0.0186	0.00000328	2.19	2.03	0.0148	0.000749	13.9	0.00176	0.00929	0.0000716	0.000134	0.0000853	0.0994	0.00000215	0.000545	0.000161	0.000986	0
2057 Apr	0.0186	0.00000328	2.2	2.03	0.0148	0.000749	13.9	0.00176	0.0093	0.0000716	0.000134	0.0000853	0.0994	0.00000215	0.000545	0.000161	0.000986	0
2057 May	0.0186	0.00000328	2.2	2.04	0.0148	0.000749	13.9	0.00176	0.0093	0.0000717	0.000134	0.0000854	0.0995	0.00000215	0.000545	0.000161	0.000986	0
2057 Jun	0.0187	0.00000331	2.2	2.04	0.015	0.00075	13.9	0.00176	0.00942	0.0000727	0.000135	0.0000855	0.0997	0.00000215	0.000546	0.000163	0.000989	0
2057 Jul	0.0187	0.00000332	2.2	2.04	0.015	0.000752	13.9	0.00176	0.00943	0.0000727	0.000135	0.0000856	0.0999	0.00000215	0.000547	0.000163	0.00099	0
2057 Aug	0.0188	0.00000333	2.21	2.05	0.015	0.000754	13.9	0.00177	0.00945	0.0000728	0.000135	0.0000858	0.1	0.00000215	0.000549	0.000163	0.000991	0
2057 Sep	0.0188	0.00000333	2.21	2.05	0.015	0.000756	13.9	0.00177	0.00945	0.0000729	0.000136	0.0000859	0.1	0.00000215	0.00055	0.000163	0.000992	0
2057 Oct	0.0188	0.00000333	2.21	2.05	0.015	0.000756	13.9	0.00177	0.00945	0.0000728	0.000136	0.000086	0.1	0.00000215	0.00055	0.000163	0.000992	0
2057 Nov	0.0188	0.00000333	2.21	2.05	0.015	0.000756	13.9	0.00177	0.00946	0.0000728	0.000136	0.000086	0.1	0.00000215	0.00055	0.000164	0.000992	0
2057 Dec	0.0188	0.00000333	2.21	2.05	0.015	0.000756	13.9	0.00177	0.00946	0.0000728	0.000136	0.000086	0.1	0.00000215	0.00055	0.000164	0.000992	0
2058 Jan	0.0188	0.00000333	2.21	2.05	0.015	0.000756	13.9	0.00177	0.00946	0.0000729	0.000136	0.000086	0.1	0.00000215	0.00055	0.000164	0.000992	0
2058 Feb	0.0188	0.00000333	2.21	2.05	0.015	0.000756	13.9	0.00177	0.00946	0.0000729	0.000136	0.000086	0.1	0.00000215	0.00055	0.000164	0.000992	0
2058 Mar	0.0188	0.00000333	2.21	2.05	0.015	0.000756	13.9	0.00177	0.00946	0.0000729	0.000136	0.000086	0.1	0.00000215	0.00055	0.000164	0.000992	0
2058 Apr	0.0188	0.00000333	2.21	2.05	0.0151	0.000756	13.9	0.00177	0.00946	0.0000729	0.000136	0.000086	0.1	0.00000215	0.00055	0.000164	0.000992	0
2058 May	0.0189	0.00000334	2.21	2.05	0.0152	0.000757	13.9	0.00177	0.00951	0.0000737	0.000136	0.0000861	0.101	0.00000215	0.000551	0.000165	0.000993	0
2058 Jun	0.0193	0.00000338	2.22	2.07	0.0156	0.000758	13.9	0.00178	0.0097	0.0000773	0.000137	0.0000864	0.101	0.00000215	0.000551	0.000169	0.000995	0
2058 Jul	0.0193	0.00000338	2.22	2.07	0.0156	0.00076	13.9	0.00178	0.00971	0.0000774	0.000137	0.0000865	0.101	0.00000215	0.000553	0.00017	0.000996	0
2058 Aug	0.0193	0.00000339	2.23	2.07	0.0156	0.000761	13.9	0.00179	0.00972	0.0000774	0.000137	0.0000867	0.102	0.00000215	0.000554	0.00017	0.000997	0
2058 Sep	0.0193	0.00000339	2.23	2.07	0.0157	0.000763	13.9	0.00179	0.00972	0.0000774	0.000138	0.0000868	0.102	0.00000215	0.000555	0.00017	0.000998	0
2058 Oct	0.0193	0.0000034	2.23	2.08	0.0157	0.000764	13.9	0.00179	0.00972	0.0000774	0.000138	0.0000868	0.102	0.00000215	0.000556	0.00017	0.000998	0
2058 Nov	0.0193	0.0000034	2.23	2.08	0.0157	0.000764	13.9	0.00179	0.00973	0.0000774	0.000138	0.0000868	0.102	0.00000215	0.000556	0.00017	0.000998	0
2058 Dec	0.0193	0.0000034	2.23	2.08	0.0157	0.000764	13.9	0.00179	0.00973	0.0000774	0.000138	0.0000868	0.102	0.00000215	0.000556	0.00017	0.000998	0
2059 Jan	0.0193	0.0000034	2.23	2.08	0.0157	0.000764	13.9	0.00179	0.00973	0.0000774	0.000138	0.0000868	0.102	0.00000215	0.000556	0.00017	0.000998	0
2059 Feb	0.0193	0.0000034	2.23	2.08	0.0157	0.000764	13.9	0.00179	0.00973	0.0000774	0.000138	0.0000868	0.102	0.00000215	0.000556	0.00017	0.000998	0
2059 Mar	0.0193	0.0000034	2.23	2.08	0.0157	0.000764	13.9	0.00179	0.00973	0.0000774	0.000138	0.0000868	0.102	0.00000215	0.000556	0.00017	0.000998	0
2059 Apr	0.0193	0.0000034	2.23	2.08	0.0157	0.000764	14	0.00179	0.00973	0.0000775	0.000138	0.0000868	0.102	0.00000215	0.000556	0.00017	0.000998	0
2059 May	0.0193	0.0000034	2.23	2.08	0.0157	0.000764	14	0.00179	0.00975	0.0000778	0.000138	0.0000869	0.102	0.00000216	0.000556	0.00017	0.000998	0
2059 Jun	0.0195	0.00000342	2.24	2.08	0.0159	0.000765	14	0.0018	0.00983	0.0000793	0.000138	0.0000871	0.102	0.00000215	0.000557	0.000173	0.001	0
2059 Jul	0.0195	0.00000343	2.24	2.09	0.0159	0.000767	14	0.0018	0.00985	0.0000794	0.000139	0.0000873	0.102	0.00000216	0.000559	0.000173	0.001	0
2059 Aug	0.0196	0.00000343	2.24	2.09	0.016	0.000769	14	0.0018	0.00986	0.0000795	0.000139	0.0000874	0.103	0.00000216	0.00056	0.000173	0.001	0
2059 Sep	0.0196	0.00000344	2.25	2.09	0.016	0.00077	14	0.00181	0.00987	0.0000795	0.000139	0.0000875	0.103	0.00000216	0.000561	0.000173	0.001	0
2059 Oct	0.0196	0.00000344	2.25	2.09	0.016	0.000771	14	0.00181	0.0099	0.0000794	0.000139	0.0000875	0.103	0.00000216	0.000562	0.000173	0.001	0
2059 Nov	0.0196	0.00000344	2.25	2.09	0.016	0.000772	14	0.00181	0.0099	0.0000794	0.000139	0.0000875	0.103	0.00000216	0.000562	0.000173	0.001	0
2059 Dec	0.0196	0.00000344	2.25	2.09	0.016	0.000772	14	0.00181	0.0099	0.0000794	0.000139	0.0000875	0.103	0.00000216	0.000562	0.000173	0.001	0
2060 Jan	0.0196	0.00000344	2.25	2.09	0.016	0.000772	14	0.00181	0.0099	0.0000794	0.000139	0.0000875	0.103	0.00000216	0.000562	0.000173	0.001	0
2060 Feb	0.0196	0.00000344	2.25	2.09	0.016	0.000772	14	0.00181	0.0099	0.0000794	0.000139	0.0000875	0.103	0.00000216	0.000562	0.000173	0.001	0
2060 Mar	0.0196	0.00000345	2.25	2.09	0.016	0.000772	14	0.00181	0.00991	0.0000794	0.000139	0.0000875	0.103	0.00000216	0.000562	0.000173	0.001	0
2060 Apr	0.0196	0.00000345	2.25	2.1	0.016	0.000772	14	0.00181	0.00991	0.0000794	0.000139	0.0000875	0.103	0.00000216	0.000562	0.000173	0.001	0
2060 May	0.0197	0.00000345	2.25	2.1	0.0161	0.000772	14	0.00181	0.00994	0.0000801	0.000139	0.0000876	0.103	0.00000216	0.000562	0.000174	0.001	0
2060 Jun	0.0198	0.00000347	2.25	2.11	0.0163	0.000773	14	0.00181	0.01	0.0000817	0.00014	0.0000878	0.103	0.00000216	0.000563	0.000177	0.001	0
2060 Jul	0.0199	0.00000348	2.26	2.11	0.0163	0.000775	14	0.00182	0.0101	0.0000819	0.00014	0.000088	0.104	0.00000216	0.000565	0.000177	0.00101	0
2060 Aug	0.0199	0.00000349	2.26	2.11	0.0164	0.000778	14	0.00182	0.0101	0.0000819	0.000141	0.0000882	0.104	0.00000216	0.000566	0.000177	0.00101	0
2060 Sep	0.0199	0.0000035	2.27	2.11	0.0164	0.000779	14	0.00182	0.0101	0.0000818	0.000141	0.0000882	0.104	0.00000216	0.000568	0.000177	0.00101	0
2060 Oct	0.0199	0.0000035	2.27	2.11	0.0164	0.00078	14	0.00183	0.0101	0.0000817	0.000141	0.0000883	0.104	0.00000216	0.000568	0.000177	0.00101	0
2060 Nov	0.0199	0.0000035	2.27	2.11	0.0164	0.00078	14	0.00183	0.0101	0.0000817	0.000141	0.0000883	0.104	0.00000216	0.000568	0.000177	0.00101	0
2060 Dec	0.0199	0.0000035	2.27	2.11	0.0164	0.00078	14	0.00183	0.0101	0.0000817	0.000141	0.0000883	0.104	0.00000216	0.000568	0.000177	0.00101	0
2061 Jan	0.0199	0.0000035	2.27	2.11	0.0164	0.00078	14	0.00183	0.0101	0.0000817	0.000141	0.0000883	0.104	0.00000216	0.000568	0.000177	0.00101	0
2061 Feb	0.0199	0.0000035	2.27	2.11	0.0164	0.00078	14	0.00183	0.0101	0.0000817	0.000141	0.0000883	0.104	0.00000216	0.000568	0.000177	0.00101	0
2061 Mar	0.0199	0.0000035	2.27	2.11	0.0164	0.00078	14	0.00183	0.0101	0.0000817	0.000141	0.0000883	0.104	0.00000216	0.000568	0.000177	0.00101	0
2061 Apr	0.0199	0.0000035	2.27	2.12	0.0164	0.00078	14	0.00183	0.0101	0.0000818	0.000141	0.0000883	0.104	0.00000216	0.000568	0.000177	0.00101	0
2061 May	0.02	0.00000351	2.27	2.12	0.0165	0.00078	14	0.00183	0.0102	0.0000828	0.000141	0.0000884	0.104	0.00000216	0.000568	0.000178	0.00101	0
2061 Jun	0.0202	0.00000354	2.27	2.13	0.0168	0.000782	14	0.00183	0.0103	0.0000848	0.000142	0.0000886	0.105	0.00000216	0.00057	0.000181	0.00101	0
2061 Jul	0.0202	0.00000354	2.28	2.13	0.0168	0.000784	14	0.00184	0.0103	0.0000849	0.000142	0.0000888	0.105	0.00000216	0.000571	0.000182	0.00101	0
2061 Aug	0.0203	0.00000355	2.28	2.13	0.0168	0.000786	14	0.00184	0.0103	0.000085	0.000142	0.000089	0.105	0.00000216	0.000572	0.000182	0.00101	0
2061 Sep	0.0203	0.00000355	2.29	2.14	0.0168	0.000787	14.1	0.00184	0.0103	0.0000851	0.000143	0.0000891	0.105	0.00000217	0.000573	0.000182	0.00101	0
2061 Oct	0.0203	0.00000356	2.29	2.14	0.0168	0.000788	14	0.00184	0.0103	0.000085	0.000143	0.0000891	0.105	0.00000216	0.000574	0.000182	0.00101	0
2061 Nov	0.0203	0.00000356	2.29	2.14	0.0168	0.000788	14	0.00184	0.0103	0.0000849	0.000143	0.0000891	0.105	0.00000216	0.000574	0.000182	0.00101	0
2061 Dec	0.0203	0.00000356	2.29	2.14	0.0168	0.000788	14	0.00184	0.0103	0.0000849	0.000143	0.0000891	0.105	0.00000216	0.000574	0.000182	0.00101	0
2062 Jan	0.0203	0.00000356	2.29	2.14	0.0168	0.000788	14	0.00184	0.0103	0.0000849	0.000143	0.0000891	0.105	0.00000216	0.000574	0.000182	0.00101	0
2062 Feb	0.0203	0.00000356	2.29	2.14	0.0168	0.000788	14	0.00184	0.0103	0.000085	0.000143	0.0000891	0.105	0.00000216	0.000574	0.000182	0.00101	0
2062 Mar	0.0203	0.00000356	2.29	2.14	0.0168	0.000788	14	0.00184	0.0103	0.000085	0.000143	0.0000891	0.105	0.00000216	0.000574	0.000182	0.00101	0
2062 Apr	0.0203	0.00000356	2.29	2.14	0.0168	0.000789	14	0.00184	0.0103	0.000085	0.000143	0.0000891	0.105	0.00000216	0.000574	0.000182	0.00101	0
2062 May	0.0203	0.00000356	2.29	2.14	0.0169	0.000789	14	0.00185	0.0103	0.000085	0.000143	0.0000891	0.105	0.00000217	0.000574	0.000182	0.00101	0
2062 Jun	0.0203	0.00000359	2.29	2.14	0.0169	0.000789	14	0.00185	0.0104	0.000085	0.000143	0.0000891	0.105	0.00000216	0.000575	0.000183	0.00101	0
2062 Jul	0.0204	0.0000036	2.29	2.14	0.0169	0.000791	14	0.00185	0.0105	0.000085	0.000144	0.0000892	0.106	0.00000216	0.000576	0.000183	0.00102	0
2062 Aug	0.0204	0.00000361	2.3	2.14	0.0169	0.000793	14	0.00185	0.0105	0.000085	0.000144	0.0000893	0.106	0.00000216	0.000578	0.000184	0.00102	0
2062 Sep	0.0204	0.00000361	2.3	2.14	0.0169	0.000794	14	0.00186	0.0105	0.000085	0.000144	0.0000894	0.106	0.00000216	0.000579	0.000184	0.00102	0
2062 Oct	0.0204	0.00000363	2.3	2.14	0.0169	0.000796	14	0.00186	0.0106	0.0000847	0.000144	0.0000894	0.106	0.00000216	0.00058	0.000183	0.00102	0
2062 Nov	0.0204	0.00000363	2.3	2.14	0.0169	0.000796	14	0.00186	0.0106	0.0000847	0.000144	0.0000894	0.106	0.00000216	0.00058	0.000183	0.00102	0
2062 Dec	0.0204	0.00000363	2.3	2.14	0.0169	0.000796	14	0.00186	0.0106	0.0000847	0.000144	0.0000894	0.106	0.00000216	0.00058	0.000183	0.00102	0
2063 Jan	0.0204	0.00000363	2.3	2.14	0.0169	0.000796	14	0.00186	0.0106	0.0000847	0.000144	0.0000894	0.106	0.00000216	0.00058	0.000183	0.00102	0
2063 Feb	0.0204	0.00000363	2.3	2.14	0.0169	0.000796	14	0.00186	0.0106	0.0000847	0.000144	0.0000894	0.106	0.00000216	0.00058	0.000183	0.00102	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2063 Mar	0.0204	0.00000363	2.3	2.14	0.0169	0.000796	14	0.00186	0.0106	0.0000847	0.000144	0.0000894	0.106	0.00000216	0.00058	0.000183	0.00102	0
2063 Apr	0.0204	0.00000363	2.3	2.14	0.0169	0.000796	14	0.00186	0.0106	0.0000847	0.000144	0.0000894	0.106	0.00000216	0.00058	0.000183	0.00102	0
2063 May	0.0204	0.00000363	2.3	2.15	0.017	0.000796	14	0.00186	0.0106	0.0000851	0.000144	0.0000895	0.106	0.00000216	0.00058	0.000184	0.00102	0
2063 Jun	0.0207	0.00000367	2.3	2.15	0.0173	0.000797	14	0.00186	0.0108	0.0000878	0.000145	0.0000896	0.107	0.00000216	0.00058	0.000188	0.00102	0
2063 Jul	0.0208	0.00000368	2.31	2.16	0.0173	0.000799	14	0.00187	0.0108	0.0000878	0.000146	0.0000898	0.107	0.00000216	0.000582	0.000188	0.00102	0
2063 Aug	0.0208	0.00000368	2.31	2.16	0.0174	0.000801	14	0.00187	0.0108	0.0000879	0.000146	0.0000899	0.107	0.00000216	0.000583	0.000189	0.00102	0
2063 Sep	0.0208	0.00000369	2.31	2.16	0.0174	0.000802	14	0.00187	0.0108	0.0000879	0.000146	0.00009	0.107	0.00000216	0.000584	0.000189	0.00102	0
2063 Oct	0.0208	0.00000369	2.31	2.16	0.0174	0.000803	14	0.00187	0.0108	0.0000878	0.000146	0.0000901	0.107	0.00000216	0.000585	0.000189	0.00102	0
2063 Nov	0.0208	0.00000369	2.31	2.16	0.0174	0.000803	14	0.00187	0.0108	0.0000878	0.000146	0.0000901	0.107	0.00000216	0.000585	0.000189	0.00102	0
2063 Dec	0.0208	0.00000369	2.31	2.16	0.0174	0.000803	14	0.00187	0.0108	0.0000878	0.000146	0.0000901	0.107	0.00000216	0.000585	0.000189	0.00102	0
2064 Jan	0.0208	0.00000369	2.31	2.16	0.0174	0.000803	14	0.00187	0.0108	0.0000878	0.000146	0.0000901	0.107	0.00000216	0.000585	0.000189	0.00102	0
2064 Feb	0.0208	0.00000369	2.31	2.16	0.0174	0.000803	14	0.00187	0.0108	0.0000878	0.000146	0.0000901	0.107	0.00000216	0.000585	0.000189	0.00102	0
2064 Mar	0.0208	0.00000369	2.31	2.16	0.0174	0.000803	14	0.00187	0.0108	0.0000878	0.000146	0.0000901	0.107	0.00000216	0.000585	0.000189	0.00102	0
2064 Apr	0.0208	0.00000369	2.31	2.16	0.0174	0.000803	14	0.00187	0.0108	0.0000878	0.000146	0.0000901	0.107	0.00000216	0.000585	0.000189	0.00102	0
2064 May	0.0209	0.0000037	2.32	2.17	0.0175	0.000803	14	0.00188	0.0109	0.0000888	0.000146	0.0000902	0.107	0.00000216	0.000585	0.00019	0.00102	0
2064 Jun	0.0212	0.00000373	2.32	2.18	0.0179	0.000804	14	0.00188	0.011	0.0000919	0.000147	0.0000904	0.108	0.00000216	0.000586	0.000194	0.00102	0
2064 Jul	0.0212	0.00000374	2.32	2.18	0.0179	0.000806	14	0.00189	0.011	0.0000919	0.000148	0.0000906	0.108	0.00000216	0.000587	0.000194	0.00102	0
2064 Aug	0.0212	0.00000374	2.33	2.18	0.0179	0.000808	14	0.00189	0.0111	0.000092	0.000148	0.0000907	0.108	0.00000216	0.000589	0.000194	0.00103	0
2064 Sep	0.0212	0.00000375	2.33	2.19	0.018	0.00081	14	0.00189	0.0111	0.0000919	0.000148	0.0000908	0.108	0.00000216	0.00059	0.000194	0.00103	0
2064 Oct	0.0213	0.00000375	2.33	2.19	0.018	0.00081	14	0.00189	0.0111	0.0000919	0.000148	0.0000909	0.108	0.00000216	0.00059	0.000194	0.00103	0
2064 Nov	0.0213	0.00000375	2.33	2.19	0.018	0.00081	14	0.00189	0.0111	0.0000919	0.000148	0.0000909	0.108	0.00000216	0.00059	0.000194	0.00103	0
2064 Dec	0.0213	0.00000375	2.33	2.19	0.018	0.00081	14	0.00189	0.0111	0.0000919	0.000148	0.0000909	0.108	0.00000216	0.00059	0.000194	0.00103	0
2065 Jan	0.0213	0.00000375	2.33	2.19	0.018	0.00081	14	0.00189	0.0111	0.0000919	0.000148	0.0000909	0.108	0.00000216	0.00059	0.000194	0.00103	0
2065 Feb	0.0213	0.00000375	2.33	2.19	0.018	0.00081	14	0.00189	0.0111	0.0000919	0.000148	0.0000909	0.108	0.00000216	0.00059	0.000194	0.00103	0
2065 Mar	0.0213	0.00000375	2.33	2.19	0.018	0.00081	14	0.00189	0.0111	0.0000919	0.000148	0.0000909	0.108	0.00000216	0.00059	0.000194	0.00103	0
2065 Apr	0.0213	0.00000375	2.33	2.19	0.018	0.00081	14	0.00189	0.0111	0.0000919	0.000148	0.0000909	0.108	0.00000216	0.00059	0.000194	0.00103	0
2065 May	0.0213	0.00000376	2.33	2.19	0.018	0.000811	14	0.00189	0.0111	0.0000923	0.000148	0.0000909	0.109	0.00000216	0.000591	0.000195	0.00103	0
2065 Jun	0.0214	0.00000378	2.34	2.19	0.0182	0.000812	14	0.0019	0.0112	0.0000934	0.000149	0.0000911	0.109	0.00000216	0.000592	0.000197	0.00103	0
2065 Jul	0.0215	0.00000379	2.34	2.2	0.0182	0.000814	14	0.0019	0.0112	0.0000935	0.000149	0.0000913	0.109	0.00000216	0.000593	0.000197	0.00103	0
2065 Aug	0.0215	0.00000379	2.35	2.2	0.0182	0.000816	14	0.00191	0.0112	0.0000937	0.00015	0.0000914	0.109	0.00000217	0.000595	0.000197	0.00103	0
2065 Sep	0.0215	0.0000038	2.35	2.2	0.0183	0.000818	14	0.00191	0.0112	0.0000936	0.00015	0.0000915	0.11	0.00000216	0.000596	0.000197	0.00103	0
2065 Oct	0.0215	0.00000381	2.35	2.2	0.0182	0.000819	14	0.00191	0.0113	0.0000933	0.00015	0.0000915	0.11	0.00000216	0.000597	0.000197	0.00103	0
2065 Nov	0.0215	0.00000381	2.35	2.2	0.0182	0.000819	14	0.00191	0.0113	0.0000933	0.00015	0.0000915	0.11	0.00000216	0.000597	0.000197	0.00103	0
2065 Dec	0.0215	0.00000381	2.35	2.2	0.0182	0.000819	14	0.00191	0.0113	0.0000933	0.00015	0.0000915	0.11	0.00000216	0.000597	0.000197	0.00103	0
2066 Jan	0.0215	0.00000381	2.35	2.2	0.0182	0.000819	14	0.00191	0.0113	0.0000933	0.00015	0.0000915	0.11	0.00000216	0.000597	0.000197	0.00103	0
2066 Feb	0.0215	0.00000381	2.35	2.2	0.0182	0.000819	14	0.00191	0.0113	0.0000933	0.00015	0.0000915	0.11	0.00000216	0.000597	0.000197	0.00103	0
2066 Mar	0.0215	0.00000381	2.35	2.2	0.0183	0.000819	14	0.00191	0.0113	0.0000933	0.00015	0.0000915	0.11	0.00000216	0.000597	0.000197	0.00103	0
2066 Apr	0.0215	0.00000381	2.35	2.2	0.0183	0.000819	14	0.00191	0.0113	0.0000933	0.00015	0.0000915	0.11	0.00000216	0.000597	0.000197	0.00103	0
2066 May	0.0215	0.00000381	2.35	2.21	0.0183	0.00082	14	0.00191	0.0113	0.0000934	0.00015	0.0000916	0.11	0.00000216	0.000597	0.000197	0.00103	0
2066 Jun	0.0216	0.00000384	2.35	2.21	0.0184	0.00082	14	0.00191	0.0114	0.0000941	0.000151	0.0000916	0.11	0.00000216	0.000598	0.000199	0.00103	0
2066 Jul	0.0217	0.00000386	2.36	2.21	0.0184	0.000822	14	0.00192	0.0114	0.0000943	0.000151	0.0000918	0.11	0.00000216	0.000599	0.0002	0.00104	0
2066 Aug	0.0217	0.00000386	2.36	2.22	0.0184	0.000824	14	0.00192	0.0115	0.0000944	0.000151	0.000092	0.11	0.00000217	0.000601	0.0002	0.00104	0
2066 Sep	0.0217	0.00000387	2.36	2.22	0.0185	0.000826	14	0.00193	0.0115	0.0000944	0.000151	0.0000921	0.11	0.00000217	0.000602	0.0002	0.00104	0
2066 Oct	0.0217	0.00000387	2.37	2.22	0.0185	0.000827	14	0.00193	0.0115	0.0000943	0.000152	0.0000921	0.11	0.00000217	0.000603	0.0002	0.00104	0
2066 Nov	0.0217	0.00000387	2.37	2.22	0.0185	0.000827	14	0.00193	0.0115	0.0000943	0.000152	0.0000921	0.111	0.00000217	0.000603	0.0002	0.00104	0
2066 Dec	0.0217	0.00000387	2.37	2.22	0.0185	0.000827	14	0.00193	0.0115	0.0000943	0.000152	0.0000921	0.111	0.00000217	0.000603	0.0002	0.00104	0
2067 Jan	0.0217	0.00000387	2.37	2.22	0.0185	0.000827	14	0.00193	0.0115	0.0000943	0.000152	0.0000921	0.111	0.00000217	0.000603	0.0002	0.00104	0
2067 Feb	0.0217	0.00000387	2.37	2.22	0.0185	0.000827	14	0.00193	0.0115	0.0000943	0.000152	0.0000921	0.111	0.00000217	0.000603	0.0002	0.00104	0
2067 Mar	0.0217	0.00000387	2.37	2.22	0.0185	0.000827	14	0.00193	0.0115	0.0000943	0.000152	0.0000921	0.111	0.00000217	0.000603	0.0002	0.00104	0
2067 Apr	0.0217	0.00000387	2.37	2.22	0.0185	0.000827	14	0.00193	0.0115	0.0000943	0.000152	0.0000921	0.111	0.00000217	0.000603	0.0002	0.00104	0
2067 May	0.0217	0.00000388	2.37	2.22	0.0185	0.000827	14	0.00193	0.0115	0.0000946	0.000152	0.0000922	0.111	0.00000217	0.000603	0.000201	0.00104	0
2067 Jun	0.0219	0.0000039	2.37	2.23	0.0187	0.000829	14	0.00193	0.0116	0.0000958	0.000152	0.0000923	0.111	0.00000217	0.000604	0.000202	0.00104	0
2067 Jul	0.0219	0.0000039	2.38	2.23	0.0187	0.000831	14.1	0.00194	0.0116	0.000096	0.000153	0.0000925	0.111	0.00000217	0.000606	0.000203	0.00104	0
2067 Aug	0.0219	0.00000391	2.38	2.23	0.0187	0.000833	14.1	0.00194	0.0116	0.000096	0.000153	0.0000927	0.111	0.00000217	0.000607	0.000203	0.00104	0
2067 Sep	0.0219	0.00000392	2.38	2.23	0.0188	0.000834	14.1	0.00194	0.0116	0.0000961	0.000153	0.0000927	0.111	0.00000217	0.000608	0.000203	0.00104	0
2067 Oct	0.0219	0.00000392	2.38	2.24	0.0188	0.000835	14.1	0.00194	0.0116	0.000096	0.000153	0.0000928	0.112	0.00000217	0.000609	0.000203	0.00104	0
2067 Nov	0.0219	0.00000392	2.38	2.24	0.0188	0.000835	14.1	0.00194	0.0117	0.0000959	0.000153	0.0000928	0.112	0.00000217	0.000609	0.000203	0.00104	0
2067 Dec	0.0219	0.00000392	2.38	2.24	0.0188	0.000835	14.1	0.00194	0.0117	0.0000959	0.000153	0.0000928	0.112	0.00000217	0.000609	0.000203	0.00104	0
2068 Jan	0.022	0.00000392	2.38	2.24	0.0188	0.000835	14.1	0.00194	0.0117	0.000096	0.000153	0.0000928	0.112	0.00000217	0.000609	0.000203	0.00104	0
2068 Feb	0.022	0.00000392	2.38	2.24	0.0188	0.000835	14.1	0.00194	0.0117	0.000096	0.000153	0.0000928	0.112	0.00000217	0.000609	0.000203	0.00104	0
2068 Mar	0.022	0.00000392	2.38	2.24	0.0188	0.000835	14.1	0.00194	0.0117	0.000096	0.000153	0.0000928	0.112	0.00000217	0.000609	0.000203	0.00104	0
2068 Apr	0.022	0.00000392	2.38	2.24	0.0188	0.000835	14.1	0.00195	0.0117	0.000096	0.000153	0.0000928	0.112	0.00000217	0.000609	0.000203	0.00104	0
2068 May	0.022	0.00000393	2.39	2.24	0.0188	0.000836	14.1	0.00195	0.0117	0.0000966	0.000153	0.0000929	0.112	0.00000217	0.000609	0.000204	0.00104	0
2068 Jun	0.0223	0.00000396	2.39	2.25	0.0192	0.000836	14	0.00195	0.0119	0.0000996	0.000154	0.0000931	0.112	0.00000217	0.00061	0.000208	0.00104	0
2068 Jul	0.0224	0.00000397	2.39	2.25	0.0192	0.000839	14.1	0.00196	0.0119	0.0000997	0.000154	0.0000933	0.112	0.00000217	0.000612	0.000208	0.00104	0
2068 Aug	0.0224	0.00000398	2.4	2.26	0.0193	0.00084	14.1	0.00196	0.0119	0.0000998	0.000155	0.0000934	0.113	0.00000217	0.000613	0.000209	0.00105	0
2068 Sep	0.0224	0.00000398	2.4	2.26	0.0193	0.000842	14.1	0.00196	0.0119	0.0000998	0.000155	0.0000935	0.113	0.00000217	0.000614	0.000209	0.00105	0
2068 Oct	0.0224	0.00000398	2.4	2.26	0.0193	0.000842	14.1	0.00196	0.0119	0.0000998	0.000155	0.0000936	0.113	0.00000217	0.000614	0.000209	0.00105	0
2068 Nov	0.0224	0.00000399	2.4	2.26	0.0193	0.000843	14.1	0.00196	0.0119	0.0000998	0.000155	0.0000936	0.113	0.00000217	0.000615	0.000209	0.00105	0
2068 Dec	0.0224	0.00000399	2.4	2.26	0.0193	0.000843	14.1	0.00196	0.0119	0.0000998	0.000155	0.0000936	0.113	0.00000217	0.000615	0.000209	0.00105	0
2069 Jan	0.0224	0.00000399	2.4	2.26	0.0193	0.000843	14.1	0.00196	0.0119	0.0000998	0.000155	0.0000936	0.113	0.00000217	0.000615	0.000209	0.00105	0
2069 Feb	0.0224	0.00000399	2.4	2.26	0.0193	0.000843	14.1	0.00196	0.0119	0.0000998	0.000155	0.0000936	0.113	0.00000217	0.000615	0.000209	0.00105	0
2069 Mar	0.0224	0.00000399	2.4	2.26	0.0193	0.000843	14.1	0.00196	0.0119	0.0000998	0.000155	0.0000936	0.113	0.00000217	0.000615	0.000209	0.00105	0
2069 Apr	0.0224	0.00000399	2.4	2.26	0.0193	0.000843	14.1	0.00196	0.0119	0.0000998	0.000155	0.0000936	0.113	0.00000217	0.000615	0.000209	0.00105	0
2069 May	0.0224	0.00000399	2.4	2.26	0.0193	0.000843	14.1	0.00196	0.0119	0.0000999	0.000155	0.0000936	0.113	0.00000217	0.000615	0.000209	0.00105	0
2069 Jun	0.0225	0.00000401	2.4	2.26	0.0194	0.000844	14.1	0.00197	0.012	0.0001	0.000156	0.0000937	0.113	0.00000217	0.000615	0.00021	0.00105	0
2069 Jul	0.0225	0.00000402	2.41	2.26	0.0194	0.000846	14.1	0.00197	0.012	0.0001	0.000156	0.0000938	0.113	0.00000217	0.000617	0.000211	0.00105	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Aug	0.0225	0.00000403	2.41	2.27	0.0194	0.000848	14.1	0.00197	0.012	0.0001	0.000156	0.000094	0.114	0.00000218	0.000619	0.000211	0.00105	0
2069 Sep	0.0225	0.00000403	2.42	2.27	0.0194	0.00085	14.1	0.00198	0.0121	0.0001	0.000157	0.0000941	0.114	0.00000217	0.00062	0.000211	0.00105	0
2069 Oct	0.0225	0.00000404	2.42	2.27	0.0194	0.000851	14.1	0.00198	0.0121	0.0001	0.000157	0.000094	0.114	0.00000217	0.00062	0.000211	0.00105	0
2069 Nov	0.0225	0.00000404	2.42	2.27	0.0194	0.000851	14.1	0.00198	0.0121	0.0001	0.000157	0.000094	0.114	0.00000217	0.00062	0.000211	0.00105	0
2069 Dec	0.0225	0.00000404	2.42	2.27	0.0194	0.000851	14.1	0.00198	0.0121	0.0001	0.000157	0.000094	0.114	0.00000217	0.00062	0.000211	0.00105	0
2070 Jan	0.0225	0.00000404	2.42	2.27	0.0194	0.000851	14.1	0.00198	0.0121	0.0001	0.000157	0.000094	0.114	0.00000217	0.00062	0.000211	0.00105	0
2070 Feb	0.0225	0.00000404	2.42	2.27	0.0194	0.000851	14.1	0.00198	0.0121	0.0001	0.000157	0.000094	0.114	0.00000217	0.00062	0.000211	0.00105	0
2070 Mar	0.0225	0.00000404	2.42	2.27	0.0194	0.000851	14.1	0.00198	0.0121	0.0001	0.000157	0.000094	0.114	0.00000217	0.00062	0.000211	0.00105	0
2070 Apr	0.0225	0.00000404	2.42	2.27	0.0194	0.000851	14.1	0.00198	0.0121	0.0001	0.000157	0.000094	0.114	0.00000217	0.000621	0.000211	0.00105	0
2070 May	0.0226	0.00000405	2.42	2.27	0.0195	0.000851	14.1	0.00198	0.0121	0.000101	0.000157	0.0000941	0.114	0.00000217	0.000621	0.000211	0.00105	0
2070 Jun	0.0228	0.00000407	2.42	2.28	0.0197	0.000852	14.1	0.00198	0.0122	0.000102	0.000157	0.0000943	0.114	0.00000217	0.000621	0.000214	0.00105	0
2070 Jul	0.0228	0.00000408	2.43	2.28	0.0198	0.000854	14.1	0.00199	0.0123	0.000103	0.000158	0.0000945	0.114	0.00000217	0.000623	0.000214	0.00105	0
2070 Aug	0.0229	0.00000408	2.43	2.29	0.0198	0.000856	14.1	0.00199	0.0123	0.000103	0.000158	0.0000947	0.115	0.00000218	0.000624	0.000214	0.00106	0
2070 Sep	0.0229	0.00000409	2.43	2.29	0.0198	0.000858	14.1	0.00199	0.0123	0.000103	0.000158	0.0000947	0.115	0.00000218	0.000626	0.000214	0.00106	0
2070 Oct	0.0229	0.00000409	2.43	2.29	0.0198	0.000858	14.1	0.00199	0.0123	0.000102	0.000158	0.0000947	0.115	0.00000217	0.000626	0.000214	0.00105	0
2070 Nov	0.0229	0.00000409	2.43	2.29	0.0198	0.000858	14.1	0.002	0.0123	0.000102	0.000158	0.0000947	0.115	0.00000217	0.000626	0.000214	0.00105	0
2070 Dec	0.0229	0.00000409	2.43	2.29	0.0198	0.000858	14.1	0.002	0.0123	0.000102	0.000158	0.0000947	0.115	0.00000217	0.000626	0.000214	0.00105	0
2071 Jan	0.0229	0.00000409	2.43	2.29	0.0198	0.000858	14.1	0.002	0.0123	0.000102	0.000158	0.0000947	0.115	0.00000217	0.000626	0.000214	0.00105	0
2071 Feb	0.0229	0.00000409	2.43	2.29	0.0198	0.000858	14.1	0.002	0.0123	0.000102	0.000158	0.0000947	0.115	0.00000217	0.000626	0.000214	0.00105	0
2071 Mar	0.0229	0.00000409	2.43	2.29	0.0198	0.000858	14.1	0.002	0.0123	0.000102	0.000158	0.0000947	0.115	0.00000217	0.000626	0.000214	0.00105	0
2071 Apr	0.0229	0.0000041	2.43	2.29	0.0198	0.000859	14.1	0.002	0.0123	0.000102	0.000158	0.0000947	0.115	0.00000218	0.000626	0.000214	0.00105	0
2071 May	0.0229	0.0000041	2.44	2.29	0.0199	0.000859	14.1	0.002	0.0123	0.000103	0.000158	0.0000948	0.115	0.00000218	0.000626	0.000215	0.00106	0
2071 Jun	0.023	0.00000412	2.44	2.3	0.02	0.00086	14.1	0.002	0.0124	0.000104	0.000159	0.0000949	0.115	0.00000217	0.000627	0.000217	0.00106	0
2071 Jul	0.0231	0.00000412	2.44	2.3	0.0201	0.000862	14.1	0.002	0.0124	0.000104	0.000159	0.0000951	0.115	0.00000217	0.000629	0.000217	0.00106	0
2071 Aug	0.0231	0.00000413	2.45	2.3	0.0201	0.000864	14.1	0.00201	0.0124	0.000104	0.000159	0.0000952	0.116	0.00000218	0.00063	0.000217	0.00106	0
2071 Sep	0.0231	0.00000414	2.45	2.3	0.0201	0.000865	14.1	0.00201	0.0124	0.000104	0.00016	0.0000953	0.116	0.00000218	0.000631	0.000217	0.00106	0
2071 Oct	0.0231	0.00000414	2.45	2.31	0.0201	0.000866	14.1	0.00201	0.0124	0.000104	0.00016	0.0000953	0.116	0.00000218	0.000632	0.000217	0.00106	0
2071 Nov	0.0231	0.00000414	2.45	2.31	0.0201	0.000866	14.1	0.00201	0.0125	0.000104	0.00016	0.0000953	0.116	0.00000218	0.000632	0.000217	0.00106	0
2071 Dec	0.0231	0.00000414	2.45	2.31	0.0201	0.000866	14.1	0.00201	0.0125	0.000104	0.00016	0.0000953	0.116	0.00000218	0.000632	0.000217	0.00106	0
2072 Jan	0.0231	0.00000414	2.45	2.31	0.0201	0.000866	14.1	0.00201	0.0125	0.000104	0.00016	0.0000953	0.116	0.00000218	0.000632	0.000217	0.00106	0
2072 Feb	0.0231	0.00000414	2.45	2.31	0.0201	0.000866	14.1	0.00201	0.0125	0.000104	0.00016	0.0000953	0.116	0.00000218	0.000632	0.000217	0.00106	0
2072 Mar	0.0231	0.00000414	2.45	2.31	0.0201	0.000866	14.1	0.00201	0.0125	0.000104	0.00016	0.0000953	0.116	0.00000218	0.000632	0.000217	0.00106	0
2072 Apr	0.0231	0.00000414	2.45	2.31	0.0201	0.000866	14.1	0.00201	0.0125	0.000104	0.00016	0.0000954	0.116	0.00000218	0.000632	0.000217	0.00106	0
2072 May	0.0231	0.00000414	2.45	2.31	0.0201	0.000867	14.1	0.00201	0.0125	0.000104	0.00016	0.0000954	0.116	0.00000218	0.000632	0.000217	0.00106	0
2072 Jun	0.0231	0.00000416	2.45	2.31	0.0201	0.000867	14.1	0.00201	0.0125	0.000104	0.00016	0.0000954	0.116	0.00000218	0.000633	0.000218	0.00106	0
2072 Jul	0.0232	0.00000417	2.46	2.31	0.0202	0.000869	14.1	0.00202	0.0125	0.000104	0.000161	0.0000955	0.116	0.00000218	0.000634	0.000218	0.00106	0
2072 Aug	0.0232	0.00000418	2.46	2.31	0.0202	0.000871	14.1	0.00202	0.0126	0.000104	0.000161	0.0000956	0.116	0.00000218	0.000635	0.000218	0.00106	0
2072 Sep	0.0232	0.00000419	2.46	2.31	0.0202	0.000872	14.1	0.00202	0.0126	0.000104	0.000161	0.0000957	0.116	0.00000218	0.000636	0.000218	0.00106	0
2072 Oct	0.0232	0.00000419	2.46	2.31	0.0202	0.000873	14.1	0.00202	0.0126	0.000104	0.000161	0.0000957	0.117	0.00000218	0.000637	0.000218	0.00106	0
2072 Nov	0.0232	0.00000419	2.46	2.31	0.0202	0.000873	14.1	0.00202	0.0126	0.000104	0.000161	0.0000957	0.117	0.00000218	0.000637	0.000218	0.00106	0
2072 Dec	0.0232	0.00000419	2.46	2.31	0.0202	0.000873	14.1	0.00202	0.0126	0.000104	0.000161	0.0000957	0.117	0.00000218	0.000637	0.000218	0.00106	0
2073 Jan	0.0232	0.0000042	2.46	2.31	0.0202	0.000873	14.1	0.00202	0.0126	0.000104	0.000161	0.0000957	0.117	0.00000218	0.000637	0.000218	0.00106	0
2073 Feb	0.0232	0.0000042	2.46	2.31	0.0202	0.000873	14.1	0.00202	0.0126	0.000104	0.000161	0.0000957	0.117	0.00000218	0.000637	0.000218	0.00106	0
2073 Mar	0.0232	0.0000042	2.46	2.31	0.0202	0.000873	14.1	0.00202	0.0126	0.000104	0.000161	0.0000957	0.117	0.00000218	0.000637	0.000218	0.00106	0
2073 Apr	0.0232	0.0000042	2.46	2.31	0.0202	0.000874	14.1	0.00202	0.0126	0.000104	0.000161	0.0000957	0.117	0.00000218	0.000637	0.000218	0.00106	0
2073 May	0.0233	0.0000042	2.46	2.32	0.0203	0.000873	14.1	0.00203	0.0127	0.000105	0.000161	0.0000958	0.117	0.00000218	0.000637	0.00022	0.00106	0
2073 Jun	0.0235	0.00000422	2.47	2.32	0.0205	0.000874	14.1	0.00203	0.0128	0.000107	0.000162	0.000096	0.117	0.00000217	0.000637	0.000222	0.00106	0
2073 Jul	0.0235	0.00000423	2.47	2.33	0.0206	0.000876	14.1	0.00203	0.0128	0.000107	0.000162	0.0000962	0.117	0.00000218	0.000639	0.000222	0.00106	0
2073 Aug	0.0235	0.00000424	2.48	2.33	0.0206	0.000878	14.2	0.00204	0.0128	0.000107	0.000162	0.0000963	0.117	0.00000218	0.000641	0.000223	0.00107	0
2073 Sep	0.0235	0.00000424	2.48	2.33	0.0206	0.00088	14.2	0.00204	0.0128	0.000107	0.000162	0.0000964	0.118	0.00000218	0.000642	0.000223	0.00107	0
2073 Oct	0.0235	0.00000425	2.48	2.33	0.0206	0.00088	14.2	0.00204	0.0128	0.000107	0.000163	0.0000964	0.118	0.00000218	0.000642	0.000223	0.00107	0
2073 Nov	0.0235	0.00000425	2.48	2.33	0.0206	0.000881	14.2	0.00204	0.0128	0.000107	0.000163	0.0000964	0.118	0.00000218	0.000642	0.000223	0.00107	0
2073 Dec	0.0235	0.00000425	2.48	2.33	0.0206	0.000881	14.2	0.00204	0.0128	0.000107	0.000163	0.0000964	0.118	0.00000218	0.000642	0.000223	0.00107	0
2074 Jan	0.0235	0.00000425	2.48	2.33	0.0206	0.000881	14.2	0.00204	0.0128	0.000107	0.000163	0.0000964	0.118	0.00000218	0.000642	0.000223	0.00107	0
2074 Feb	0.0235	0.00000425	2.48	2.33	0.0206	0.000881	14.2	0.00204	0.0128	0.000107	0.000163	0.0000964	0.118	0.00000218	0.000642	0.000223	0.00107	0
2074 Mar	0.0235	0.00000425	2.48	2.33	0.0206	0.000881	14.2	0.00204	0.0128	0.000107	0.000163	0.0000964	0.118	0.00000218	0.000642	0.000223	0.00107	0
2074 Apr	0.0235	0.00000425	2.48	2.33	0.0206	0.000881	14.2	0.00204	0.0128	0.000107	0.000163	0.0000965	0.118	0.00000218	0.000643	0.000223	0.00107	0
2074 May	0.0237	0.00000426	2.48	2.34	0.0208	0.00088	14.2	0.00204	0.0129	0.000109	0.000163	0.0000966	0.118	0.00000218	0.000642	0.000225	0.00107	0
2074 Jun	0.024	0.00000429	2.48	2.35	0.0212	0.000881	14.1	0.00205	0.0131	0.000112	0.000163	0.0000968	0.118	0.00000217	0.000643	0.000229	0.00107	0
2074 Jul	0.024	0.0000043	2.49	2.35	0.0212	0.000883	14.1	0.00205	0.0131	0.000112	0.000164	0.000097	0.119	0.00000218	0.000644	0.000229	0.00107	0
2074 Aug	0.0241	0.0000043	2.49	2.36	0.0213	0.000885	14.2	0.00206	0.0131	0.000112	0.000164	0.0000972	0.119	0.00000218	0.000646	0.000229	0.00107	0
2074 Sep	0.0241	0.00000431	2.5	2.36	0.0213	0.000887	14.2	0.00206	0.0131	0.000112	0.000164	0.0000973	0.119	0.00000218	0.000647	0.000229	0.00107	0
2074 Oct	0.0241	0.00000431	2.5	2.36	0.0213	0.000888	14.2	0.00206	0.0131	0.000112	0.000164	0.0000973	0.119	0.00000218	0.000648	0.000229	0.00107	0
2074 Nov	0.0241	0.00000431	2.5	2.36	0.0213	0.000888	14.2	0.00206	0.0131	0.000112	0.000164	0.0000973	0.119	0.00000218	0.000648	0.000229	0.00107	0
2074 Dec	0.0241	0.00000431	2.5	2.36	0.0213	0.000888	14.2	0.00206	0.0131	0.000112	0.000164	0.0000973	0.119	0.00000218	0.000648	0.000229	0.00107	0
2075 Jan	0.0241	0.00000431	2.5	2.36	0.0213	0.000888	14.2	0.00206	0.0131	0.000112	0.000164	0.0000973	0.119	0.00000218	0.000648	0.000229	0.00107	0
2075 Feb	0.0241	0.00000431	2.5	2.36	0.0213	0.000888	14.2	0.00206	0.0131	0.000112	0.000164	0.0000973	0.119	0.00000218	0.000648	0.000229	0.00107	0
2075 Mar	0.0241	0.00000431	2.5	2.36	0.0213	0.000888	14.2	0.00206	0.0131	0.000112	0.000164	0.0000973	0.119	0.00000218	0.000648	0.000229	0.00107	0
2075 Apr	0.0241	0.00000431	2.5	2.36	0.0213	0.000888	14.2	0.00206	0.0131	0.000112	0.000164	0.0000973	0.119	0.00000218	0.000648	0.000229	0.00107	0
2075 May	0.0241	0.00000432	2.5	2.36	0.0213	0.000888	14.2	0.00206	0.0131	0.000112	0.000165	0.0000974	0.119	0.00000218	0.000648	0.00023	0.00107	0
2075 Jun	0.0241	0.00000434	2.5	2.36	0.0213	0.000888	14.1	0.00206	0.0132	0.000112	0.000165	0.0000973	0.119	0.00000218	0.000648	0.00023	0.00107	0
2075 Jul	0.0242	0.00000435	2.5	2.36	0.0213	0.00089	14.2	0.00206	0.0132	0.000112	0.000165	0.0000974	0.119	0.00000218	0.000649	0.000231	0.00108	0
2075 Aug	0.0242	0.00000436	2.51	2.37	0.0213	0.000892	14.2	0.00207	0.0133	0.000112	0.000166	0.0000976	0.12	0.00000218	0.000651	0.000231	0.00108	0
2075 Sep	0.0242	0.00000436	2.51	2.37	0.0214	0.000893	14.2	0.00207	0.0133	0.000112	0.000166	0.0000977	0.12	0.00000218	0.000652	0.000231	0.00108	0
2075 Oct	0.0242	0.00000436	2.51	2.37	0.0214	0.000894	14.2	0.00207	0.0133	0.000112	0.000166	0.0000977	0.12	0.00000218	0.000652	0.000231	0.00108	0
2075 Nov	0.0242	0.00000436	2.51	2.37	0.0214	0.000894	14.2	0.00207	0.0133	0.000112	0.000166	0.0000977	0.12	0.00000218	0.000653	0.000231	0.00108	0
2075 Dec	0.0242	0.00000436	2.51	2.37	0.0214	0.000894	14.2	0.00207	0.0133	0.000112	0.000166	0.0000977	0.12	0.00000218	0.000652	0.000231	0.00108	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2076 Jan	0.0242	0.00000436	2.51	2.37	0.0214	0.000894	14.2	0.00207	0.0133	0.000112	0.000166	0.0000977	0.12	0.00000218	0.000652	0.000231	0.00108	0
2076 Feb	0.0242	0.00000436	2.51	2.37	0.0214	0.000894	14.2	0.00207	0.0133	0.000112	0.000166	0.0000977	0.12	0.00000218	0.000652	0.000231	0.00108	0
2076 Mar	0.0242	0.00000436	2.51	2.37	0.0214	0.000894	14.2	0.00207	0.0133	0.000112	0.000166	0.0000977	0.12	0.00000218	0.000653	0.000231	0.00108	0
2076 Apr	0.0242	0.00000436	2.51	2.37	0.0214	0.000894	14.2	0.00207	0.0133	0.000112	0.000166	0.0000977	0.12	0.00000218	0.000653	0.000231	0.00108	0
2076 May	0.0242	0.00000437	2.51	2.37	0.0214	0.000894	14.2	0.00207	0.0133	0.000112	0.000166	0.0000978	0.12	0.00000218	0.000653	0.000232	0.00108	0
2076 Jun	0.0244	0.00000439	2.51	2.38	0.0216	0.000895	14.2	0.00208	0.0134	0.000113	0.000167	0.0000979	0.12	0.00000218	0.000653	0.000234	0.00108	0
2076 Jul	0.0244	0.00000439	2.52	2.38	0.0216	0.000897	14.2	0.00208	0.0134	0.000114	0.000167	0.0000981	0.12	0.00000218	0.000655	0.000234	0.00108	0
2076 Aug	0.0244	0.0000044	2.52	2.38	0.0217	0.000899	14.2	0.00208	0.0134	0.000114	0.000167	0.0000982	0.121	0.00000219	0.000657	0.000234	0.00108	0
2076 Sep	0.0244	0.00000441	2.53	2.38	0.0217	0.0009	14.2	0.00209	0.0134	0.000114	0.000168	0.0000983	0.121	0.00000219	0.000657	0.000234	0.00108	0
2076 Oct	0.0244	0.00000441	2.53	2.39	0.0217	0.000901	14.2	0.00209	0.0134	0.000114	0.000168	0.0000983	0.121	0.00000219	0.000658	0.000234	0.00108	0
2076 Nov	0.0244	0.00000441	2.53	2.39	0.0217	0.000901	14.2	0.00209	0.0134	0.000114	0.000168	0.0000983	0.121	0.00000218	0.000658	0.000234	0.00108	0
2076 Dec	0.0244	0.00000441	2.53	2.39	0.0217	0.000901	14.2	0.00209	0.0134	0.000114	0.000168	0.0000983	0.121	0.00000218	0.000658	0.000234	0.00108	0
2077 Jan	0.0244	0.00000441	2.53	2.39	0.0217	0.000901	14.2	0.00209	0.0134	0.000114	0.000168	0.0000983	0.121	0.00000218	0.000658	0.000234	0.00108	0
2077 Feb	0.0244	0.00000441	2.53	2.39	0.0217	0.000901	14.2	0.00209	0.0134	0.000114	0.000168	0.0000983	0.121	0.00000219	0.000658	0.000234	0.00108	0
2077 Mar	0.0244	0.00000441	2.53	2.39	0.0217	0.000901	14.2	0.00209	0.0134	0.000114	0.000168	0.0000983	0.121	0.00000219	0.000658	0.000234	0.00108	0
2077 Apr	0.0244	0.00000441	2.53	2.39	0.0217	0.000901	14.2	0.00209	0.0134	0.000114	0.000168	0.0000983	0.121	0.00000219	0.000658	0.000234	0.00108	0
2077 May	0.0245	0.00000442	2.53	2.39	0.0217	0.000901	14.2	0.00209	0.0135	0.000114	0.000168	0.0000984	0.121	0.00000219	0.000658	0.000235	0.00108	0
2077 Jun	0.0247	0.00000444	2.53	2.39	0.022	0.000902	14.2	0.00209	0.0136	0.000116	0.000168	0.0000986	0.121	0.00000218	0.000659	0.000238	0.00108	0
2077 Jul	0.0247	0.00000444	2.54	2.4	0.022	0.000904	14.2	0.0021	0.0136	0.000116	0.000169	0.0000988	0.121	0.00000219	0.00066	0.000238	0.00108	0
2077 Aug	0.0248	0.00000445	2.54	2.4	0.0221	0.000906	14.2	0.0021	0.0136	0.000116	0.000169	0.0000989	0.122	0.00000219	0.000662	0.000238	0.00109	0
2077 Sep	0.0248	0.00000446	2.54	2.4	0.0221	0.000908	14.2	0.0021	0.0136	0.000116	0.000169	0.000099	0.122	0.00000219	0.000663	0.000238	0.00109	0
2077 Oct	0.0248	0.00000446	2.54	2.4	0.0221	0.000908	14.2	0.0021	0.0136	0.000116	0.000169	0.000099	0.122	0.00000219	0.000663	0.000238	0.00109	0
2077 Nov	0.0248	0.00000446	2.54	2.4	0.0221	0.000908	14.2	0.0021	0.0136	0.000116	0.000169	0.000099	0.122	0.00000219	0.000663	0.000238	0.00109	0
2077 Dec	0.0248	0.00000446	2.54	2.4	0.0221	0.000908	14.2	0.0021	0.0136	0.000116	0.000169	0.000099	0.122	0.00000219	0.000663	0.000238	0.00109	0
2078 Jan	0.0248	0.00000446	2.54	2.4	0.0221	0.000908	14.2	0.0021	0.0136	0.000116	0.000169	0.000099	0.122	0.00000219	0.000663	0.000238	0.00109	0
2078 Feb	0.0248	0.00000446	2.54	2.4	0.0221	0.000908	14.2	0.0021	0.0136	0.000116	0.000169	0.000099	0.122	0.00000219	0.000663	0.000238	0.00109	0
2078 Mar	0.0248	0.00000446	2.54	2.4	0.0221	0.000908	14.2	0.0021	0.0136	0.000116	0.000169	0.000099	0.122	0.00000219	0.000663	0.000238	0.00109	0
2078 Apr	0.0248	0.00000446	2.54	2.4	0.0221	0.000909	14.2	0.0021	0.0136	0.000116	0.000169	0.000099	0.122	0.00000219	0.000663	0.000238	0.00109	0
2078 May	0.0249	0.00000447	2.54	2.41	0.0222	0.000908	14.2	0.00211	0.0137	0.000118	0.000169	0.0000991	0.122	0.00000219	0.000663	0.00024	0.00109	0
2078 Jun	0.0251	0.00000449	2.55	2.42	0.0225	0.000909	14.2	0.00211	0.0138	0.00012	0.00017	0.0000993	0.122	0.00000218	0.000664	0.000243	0.00109	0
2078 Jul	0.0251	0.0000045	2.55	2.42	0.0225	0.000911	14.2	0.00211	0.0138	0.00012	0.00017	0.0000995	0.123	0.00000219	0.000666	0.000243	0.00109	0
2078 Aug	0.0252	0.00000451	2.56	2.42	0.0225	0.000914	14.2	0.00212	0.0138	0.00012	0.000171	0.0000997	0.123	0.00000219	0.000667	0.000243	0.00109	0
2078 Sep	0.0252	0.00000451	2.56	2.43	0.0226	0.000915	14.3	0.00212	0.0138	0.00012	0.000171	0.0000998	0.123	0.00000219	0.000668	0.000243	0.00109	0
2078 Oct	0.0252	0.00000451	2.56	2.43	0.0226	0.000916	14.3	0.00212	0.0138	0.00012	0.000171	0.0000998	0.123	0.00000219	0.000669	0.000243	0.00109	0
2078 Nov	0.0252	0.00000451	2.56	2.43	0.0226	0.000916	14.3	0.00212	0.0138	0.00012	0.000171	0.0000998	0.123	0.00000219	0.000669	0.000243	0.00109	0
2078 Dec	0.0252	0.00000451	2.56	2.43	0.0226	0.000916	14.3	0.00212	0.0138	0.00012	0.000171	0.0000998	0.123	0.00000219	0.000669	0.000243	0.00109	0
2079 Jan	0.0252	0.00000451	2.56	2.43	0.0226	0.000916	14.3	0.00212	0.0138	0.00012	0.000171	0.0000998	0.123	0.00000219	0.000669	0.000243	0.00109	0
2079 Feb	0.0252	0.00000451	2.56	2.43	0.0226	0.000916	14.3	0.00212	0.0138	0.00012	0.000171	0.0000998	0.123	0.00000219	0.000669	0.000243	0.00109	0
2079 Mar	0.0252	0.00000451	2.56	2.43	0.0226	0.000916	14.3	0.00212	0.0138	0.00012	0.000171	0.0000998	0.123	0.00000219	0.000669	0.000243	0.00109	0
2079 Apr	0.0252	0.00000451	2.56	2.43	0.0226	0.000916	14.3	0.00212	0.0138	0.00012	0.000171	0.0000998	0.123	0.00000219	0.000669	0.000243	0.00109	0
2079 May	0.0252	0.00000452	2.56	2.43	0.0226	0.000916	14.3	0.00212	0.0139	0.00012	0.000171	0.0000999	0.123	0.00000219	0.000669	0.000243	0.00109	0
2079 Jun	0.0253	0.00000454	2.56	2.43	0.0226	0.000916	14.2	0.00212	0.014	0.00012	0.000171	0.0000998	0.123	0.00000219	0.000669	0.000245	0.00109	0
2079 Jul	0.0253	0.00000455	2.57	2.43	0.0227	0.000918	14.2	0.00213	0.014	0.00012	0.000172	0.0001	0.123	0.00000219	0.000671	0.000245	0.00109	0
2079 Aug	0.0253	0.00000456	2.57	2.43	0.0227	0.00092	14.2	0.00213	0.014	0.00012	0.000172	0.0001	0.124	0.00000219	0.000672	0.000245	0.0011	0
2079 Sep	0.0253	0.00000456	2.57	2.44	0.0227	0.000922	14.3	0.00213	0.014	0.00012	0.000172	0.0001	0.124	0.00000219	0.000674	0.000245	0.00109	0
2079 Oct	0.0253	0.00000456	2.57	2.44	0.0227	0.000922	14.3	0.00214	0.014	0.00012	0.000172	0.0001	0.124	0.00000219	0.000674	0.000245	0.00109	0
2079 Nov	0.0253	0.00000457	2.57	2.44	0.0227	0.000923	14.2	0.00214	0.014	0.00012	0.000172	0.0001	0.124	0.00000219	0.000674	0.000245	0.00109	0
2079 Dec	0.0253	0.00000457	2.57	2.44	0.0227	0.000923	14.2	0.00214	0.014	0.00012	0.000172	0.0001	0.124	0.00000219	0.000674	0.000245	0.00109	0
2080 Jan	0.0253	0.00000457	2.57	2.44	0.0227	0.000923	14.2	0.00214	0.014	0.00012	0.000172	0.0001	0.124	0.00000219	0.000674	0.000245	0.00109	0
2080 Feb	0.0253	0.00000457	2.57	2.44	0.0227	0.000923	14.2	0.00214	0.014	0.00012	0.000172	0.0001	0.124	0.00000219	0.000674	0.000245	0.00109	0
2080 Mar	0.0253	0.00000457	2.57	2.44	0.0227	0.000923	14.2	0.00214	0.014	0.00012	0.000172	0.0001	0.124	0.00000219	0.000674	0.000245	0.00109	0
2080 Apr	0.0253	0.00000457	2.57	2.44	0.0227	0.000923	14.2	0.00214	0.014	0.00012	0.000172	0.0001	0.124	0.00000219	0.000674	0.000245	0.00109	0
2080 May	0.0253	0.00000457	2.58	2.44	0.0227	0.000923	14.3	0.00214	0.014	0.00012	0.000172	0.0001	0.124	0.00000219	0.000674	0.000246	0.0011	0
2080 Jun	0.0253	0.00000458	2.58	2.44	0.0227	0.000924	14.2	0.00214	0.0141	0.00012	0.000173	0.0001	0.124	0.00000219	0.000675	0.000246	0.0011	0
2080 Jul	0.0254	0.00000459	2.58	2.44	0.0228	0.000926	14.2	0.00214	0.0141	0.00012	0.000173	0.0001	0.124	0.00000219	0.000677	0.000246	0.0011	0
2080 Aug	0.0254	0.0000046	2.58	2.44	0.0228	0.000928	14.3	0.00215	0.0141	0.00012	0.000174	0.000101	0.124	0.00000219	0.000678	0.000246	0.0011	0
2080 Sep	0.0254	0.00000461	2.59	2.44	0.0228	0.000929	14.3	0.00215	0.0141	0.00012	0.000174	0.000101	0.124	0.00000219	0.000679	0.000247	0.0011	0
2080 Oct	0.0254	0.00000461	2.59	2.45	0.0228	0.00093	14.3	0.00215	0.0141	0.00012	0.000174	0.000101	0.125	0.00000219	0.00068	0.000246	0.0011	0
2080 Nov	0.0254	0.00000461	2.59	2.45	0.0228	0.00093	14.3	0.00215	0.0141	0.00012	0.000174	0.000101	0.125	0.00000219	0.00068	0.000246	0.0011	0
2080 Dec	0.0254	0.00000461	2.59	2.45	0.0228	0.00093	14.3	0.00215	0.0141	0.00012	0.000174	0.000101	0.125	0.00000219	0.00068	0.000246	0.0011	0
2081 Jan	0.0254	0.00000461	2.59	2.45	0.0228	0.00093	14.3	0.00215	0.0141	0.00012	0.000174	0.000101	0.125	0.00000219	0.00068	0.000246	0.0011	0
2081 Feb	0.0254	0.00000461	2.59	2.45	0.0228	0.00093	14.3	0.00215	0.0141	0.00012	0.000174	0.000101	0.125	0.00000219	0.00068	0.000246	0.0011	0
2081 Mar	0.0254	0.00000461	2.59	2.45	0.0228	0.00093	14.3	0.00215	0.0141	0.00012	0.000174	0.000101	0.125	0.00000219	0.00068	0.000246	0.0011	0
2081 Apr	0.0254	0.00000461	2.59	2.45	0.0228	0.00093	14.3	0.00215	0.0141	0.00012	0.000174	0.000101	0.125	0.00000219	0.00068	0.000247	0.0011	0
2081 May	0.0255	0.00000462	2.59	2.45	0.0229	0.00093	14.3	0.00215	0.0142	0.000121	0.000174	0.000101	0.125	0.00000219	0.00068	0.000248	0.0011	0
2081 Jun	0.0256	0.00000463	2.59	2.45	0.0231	0.000931	14.3	0.00215	0.0142	0.000122	0.000174	0.000101	0.125	0.00000219	0.000681	0.000249	0.0011	0
2081 Jul	0.0256	0.00000464	2.6	2.46	0.0231	0.000933	14.3	0.00216	0.0143	0.000122	0.000175	0.000101	0.125	0.00000219	0.000682	0.00025	0.0011	0
2081 Aug	0.0257	0.00000465	2.6	2.46	0.0231	0.000935	14.3	0.00216	0.0143	0.000122	0.000175	0.000101	0.125	0.0000022	0.000684	0.00025	0.0011	0
2081 Sep	0.0257	0.00000465	2.6	2.46	0.0231	0.000937	14.3	0.00217	0.0143	0.000122	0.000175	0.000101	0.126	0.0000022	0.000685	0.00025	0.0011	0
2081 Oct	0.0257	0.00000465	2.61	2.47	0.0232	0.000937	14.3	0.00217	0.0143	0.000122	0.000175	0.000101	0.126	0.0000022	0.000685	0.00025	0.0011	0
2081 Nov	0.0257	0.00000466	2.61	2.46	0.0232	0.000938	14.3	0.00217	0.0143	0.000122	0.000175	0.000101	0.126	0.0000022	0.000685	0.00025	0.0011	0
2081 Dec	0.0257	0.00000466	2.61	2.46	0.0232	0.000938	14.3	0.00217	0.0143	0.000122	0.000175	0.000101	0.126	0.0000022	0.000685	0.00025	0.0011	0
2082 Jan	0.0257	0.00000466	2.61	2.46	0.0232	0.000938	14.3	0.00217	0.0143	0.000122	0.000175	0.000101	0.126	0.0000022	0.000685	0.00025	0.0011	0
2082 Feb	0.0257	0.00000466	2.61	2.47	0.0232	0.000938	14.3	0.00217	0.0143	0.000122	0.000175	0.000101	0.126	0.0000022	0.000685	0.00025	0.0011	0
2082 Mar	0.0257	0.00000466	2.61	2.47	0.0232	0.000938	14.3	0.00217	0.0143	0.000122	0.000175	0.000101	0.126	0.0000022	0.000685	0.00025	0.0011	0
2082 Apr	0.0257	0.00000466	2.61	2.47	0.0232	0.000938	14.3	0.00217	0.0143	0.000122	0.000175	0.000101	0.126	0.0000022	0.000686	0.00025	0.0011	0
2082 May	0.0257	0.00000466	2.61	2.47	0.0232	0.000938	14.3	0.00217	0.0143	0.000122	0.000175	0.000101	0.126	0.0000022	0.000686	0.00025	0.0011	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2082 Jun	0.0257	0.00000468	2.6	2.46	0.0232	0.000937	14.3	0.00217	0.0144	0.000122	0.000176	0.000101	0.126	0.00000219	0.000685	0.000251	0.00111	0
2082 Jul	0.0257	0.00000469	2.61	2.46	0.0232	0.000939	14.3	0.00217	0.0144	0.000122	0.000176	0.000101	0.126	0.00000219	0.000687	0.000251	0.00111	0
2082 Aug	0.0257	0.0000047	2.61	2.47	0.0232	0.000941	14.3	0.00217	0.0144	0.000122	0.000177	0.000102	0.126	0.0000022	0.000688	0.000252	0.00111	0
2082 Sep	0.0257	0.0000047	2.61	2.47	0.0232	0.000942	14.3	0.00218	0.0145	0.000122	0.000177	0.000102	0.126	0.0000022	0.000689	0.000252	0.00111	0
2082 Oct	0.0257	0.00000471	2.61	2.47	0.0232	0.000943	14.3	0.00218	0.0145	0.000122	0.000177	0.000102	0.126	0.0000022	0.00069	0.000252	0.00111	0
2082 Nov	0.0257	0.00000471	2.61	2.47	0.0232	0.000943	14.3	0.00218	0.0145	0.000122	0.000177	0.000102	0.126	0.0000022	0.00069	0.000252	0.00111	0
2082 Dec	0.0257	0.00000471	2.61	2.47	0.0232	0.000943	14.3	0.00218	0.0145	0.000122	0.000177	0.000102	0.126	0.0000022	0.00069	0.000252	0.00111	0
2083 Jan	0.0257	0.00000471	2.61	2.47	0.0232	0.000943	14.3	0.00218	0.0145	0.000122	0.000177	0.000102	0.126	0.0000022	0.00069	0.000252	0.00111	0
2083 Feb	0.0257	0.00000471	2.61	2.47	0.0232	0.000943	14.3	0.00218	0.0145	0.000122	0.000177	0.000102	0.126	0.0000022	0.00069	0.000252	0.00111	0
2083 Mar	0.0257	0.00000471	2.61	2.47	0.0232	0.000943	14.3	0.00218	0.0145	0.000122	0.000177	0.000102	0.126	0.0000022	0.00069	0.000252	0.00111	0
2083 Apr	0.0258	0.00000471	2.62	2.47	0.0232	0.000943	14.3	0.00218	0.0145	0.000122	0.000177	0.000102	0.126	0.0000022	0.00069	0.000252	0.00111	0
2083 May	0.0258	0.00000472	2.62	2.47	0.0233	0.000943	14.3	0.00218	0.0145	0.000123	0.000177	0.000102	0.126	0.0000022	0.00069	0.000253	0.00111	0
2083 Jun	0.026	0.00000474	2.62	2.48	0.0235	0.000944	14.3	0.00218	0.0146	0.000125	0.000178	0.000102	0.127	0.00000219	0.00069	0.000255	0.00111	0
2083 Jul	0.026	0.00000475	2.62	2.48	0.0236	0.000946	14.3	0.00219	0.0146	0.000125	0.000178	0.000102	0.127	0.0000022	0.000692	0.000255	0.00111	0
2083 Aug	0.0261	0.00000475	2.63	2.49	0.0236	0.000948	14.3	0.00219	0.0147	0.000125	0.000178	0.000102	0.127	0.0000022	0.000693	0.000256	0.00111	0
2083 Sep	0.0261	0.00000476	2.63	2.49	0.0236	0.000949	14.3	0.00219	0.0147	0.000125	0.000178	0.000102	0.127	0.0000022	0.000695	0.000256	0.00111	0
2083 Oct	0.0261	0.00000476	2.63	2.49	0.0236	0.00095	14.3	0.00219	0.0147	0.000125	0.000178	0.000102	0.127	0.0000022	0.000695	0.000255	0.00111	0
2083 Nov	0.0261	0.00000476	2.63	2.49	0.0236	0.00095	14.3	0.00219	0.0147	0.000125	0.000178	0.000102	0.127	0.0000022	0.000695	0.000255	0.00111	0
2083 Dec	0.0261	0.00000476	2.63	2.49	0.0236	0.00095	14.3	0.00219	0.0147	0.000125	0.000178	0.000102	0.127	0.0000022	0.000695	0.000255	0.00111	0
2084 Jan	0.0261	0.00000476	2.63	2.49	0.0236	0.00095	14.3	0.00219	0.0147	0.000125	0.000178	0.000102	0.127	0.0000022	0.000695	0.000255	0.00111	0
2084 Feb	0.0261	0.00000476	2.63	2.49	0.0236	0.00095	14.3	0.00219	0.0147	0.000125	0.000178	0.000102	0.127	0.0000022	0.000695	0.000255	0.00111	0
2084 Mar	0.0261	0.00000476	2.63	2.49	0.0236	0.00095	14.3	0.00219	0.0147	0.000125	0.000178	0.000102	0.127	0.0000022	0.000695	0.000255	0.00111	0
2084 Apr	0.0261	0.00000477	2.63	2.49	0.0236	0.000951	14.3	0.00219	0.0147	0.000125	0.000178	0.000102	0.127	0.0000022	0.000695	0.000255	0.00111	0
2084 May	0.0262	0.00000477	2.63	2.49	0.0237	0.000951	14.3	0.0022	0.0147	0.000126	0.000179	0.000102	0.127	0.0000022	0.000695	0.000257	0.00111	0
2084 Jun	0.0263	0.00000479	2.63	2.5	0.0239	0.000952	14.3	0.0022	0.0148	0.000127	0.000179	0.000103	0.128	0.00000219	0.000696	0.000259	0.00111	0
2084 Jul	0.0264	0.0000048	2.64	2.5	0.024	0.000954	14.3	0.0022	0.0148	0.000127	0.000179	0.000103	0.128	0.0000022	0.000698	0.000259	0.00111	0
2084 Aug	0.0264	0.0000048	2.64	2.51	0.024	0.000956	14.3	0.00221	0.0148	0.000127	0.00018	0.000103	0.128	0.0000022	0.000699	0.00026	0.00112	0
2084 Sep	0.0264	0.00000481	2.65	2.51	0.024	0.000957	14.3	0.00221	0.0148	0.000127	0.00018	0.000103	0.128	0.0000022	0.0007	0.00026	0.00112	0
2084 Oct	0.0264	0.00000481	2.65	2.51	0.024	0.000958	14.3	0.00221	0.0149	0.000127	0.00018	0.000103	0.128	0.0000022	0.000701	0.00026	0.00112	0
2084 Nov	0.0264	0.00000481	2.65	2.51	0.024	0.000958	14.3	0.00221	0.0149	0.000127	0.00018	0.000103	0.128	0.0000022	0.000701	0.000259	0.00112	0
2084 Dec	0.0264	0.00000481	2.65	2.51	0.024	0.000958	14.3	0.00221	0.0149	0.000127	0.00018	0.000103	0.128	0.0000022	0.000701	0.000259	0.00112	0
2085 Jan	0.0264	0.00000481	2.65	2.51	0.024	0.000958	14.3	0.00221	0.0149	0.000127	0.00018	0.000103	0.128	0.0000022	0.000701	0.000259	0.00112	0
2085 Feb	0.0264	0.00000481	2.65	2.51	0.024	0.000958	14.3	0.00221	0.0149	0.000127	0.00018	0.000103	0.128	0.0000022	0.000701	0.000259	0.00112	0
2085 Mar	0.0264	0.00000481	2.65	2.51	0.024	0.000958	14.3	0.00221	0.0149	0.000127	0.00018	0.000103	0.128	0.0000022	0.000701	0.000259	0.00112	0
2085 Apr	0.0264	0.00000481	2.65	2.51	0.024	0.000958	14.3	0.00221	0.0149	0.000127	0.00018	0.000103	0.128	0.0000022	0.000701	0.00026	0.00112	0
2085 May	0.0265	0.00000482	2.65	2.51	0.0241	0.000958	14.3	0.00221	0.0149	0.000128	0.00018	0.000103	0.129	0.0000022	0.000701	0.00026	0.00112	0
2085 Jun	0.0266	0.00000483	2.65	2.52	0.0242	0.00096	14.3	0.00222	0.0149	0.000129	0.00018	0.000103	0.129	0.0000022	0.000702	0.000262	0.00112	0
2085 Jul	0.0266	0.00000484	2.66	2.52	0.0243	0.000962	14.3	0.00222	0.015	0.000129	0.000181	0.000103	0.129	0.0000022	0.000704	0.000262	0.00112	0
2085 Aug	0.0266	0.00000485	2.66	2.52	0.0243	0.000964	14.4	0.00222	0.015	0.000129	0.000181	0.000104	0.129	0.0000022	0.000706	0.000262	0.00112	0
2085 Sep	0.0266	0.00000485	2.66	2.52	0.0243	0.000966	14.4	0.00223	0.015	0.000129	0.000181	0.000104	0.129	0.0000022	0.000707	0.000262	0.00112	0
2085 Oct	0.0266	0.00000485	2.67	2.52	0.0243	0.000966	14.4	0.00223	0.015	0.000129	0.000181	0.000104	0.129	0.0000022	0.000707	0.000262	0.00112	0
2085 Nov	0.0266	0.00000485	2.67	2.52	0.0243	0.000966	14.3	0.00223	0.015	0.000129	0.000181	0.000104	0.129	0.0000022	0.000707	0.000262	0.00112	0
2085 Dec	0.0266	0.00000485	2.67	2.52	0.0243	0.000966	14.3	0.00223	0.015	0.000129	0.000181	0.000104	0.129	0.0000022	0.000707	0.000262	0.00112	0
2086 Jan	0.0266	0.00000485	2.67	2.52	0.0243	0.000966	14.3	0.00223	0.015	0.000129	0.000181	0.000104	0.129	0.0000022	0.000707	0.000262	0.00112	0
2086 Feb	0.0266	0.00000485	2.67	2.52	0.0243	0.000966	14.3	0.00223	0.015	0.000129	0.000181	0.000104	0.129	0.0000022	0.000707	0.000262	0.00112	0
2086 Mar	0.0266	0.00000485	2.67	2.52	0.0243	0.000966	14.3	0.00223	0.015	0.000129	0.000181	0.000104	0.129	0.0000022	0.000707	0.000262	0.00112	0
2086 Apr	0.0266	0.00000486	2.67	2.52	0.0243	0.000967	14.3	0.00223	0.015	0.000129	0.000181	0.000104	0.129	0.0000022	0.000707	0.000262	0.00112	0
2086 May	0.0266	0.00000486	2.67	2.53	0.0243	0.000967	14.4	0.00223	0.015	0.000129	0.000181	0.000104	0.13	0.0000022	0.000708	0.000262	0.00112	0
2086 Jun	0.0268	0.00000488	2.67	2.53	0.0245	0.000967	14.3	0.00223	0.0151	0.00013	0.000182	0.000104	0.13	0.0000022	0.000707	0.000265	0.00112	0
2086 Jul	0.0268	0.00000489	2.67	2.53	0.0245	0.000969	14.3	0.00223	0.0151	0.000131	0.000182	0.000104	0.13	0.0000022	0.000709	0.000265	0.00112	0
2086 Aug	0.0268	0.0000049	2.68	2.54	0.0246	0.000971	14.4	0.00224	0.0152	0.000131	0.000183	0.000104	0.13	0.0000022	0.000711	0.000265	0.00112	0
2086 Sep	0.0268	0.0000049	2.68	2.54	0.0246	0.000973	14.4	0.00224	0.0152	0.00013	0.000183	0.000104	0.13	0.0000022	0.000712	0.000265	0.00112	0
2086 Oct	0.0268	0.00000491	2.68	2.54	0.0246	0.000973	14.4	0.00224	0.0152	0.00013	0.000183	0.000104	0.13	0.0000022	0.000713	0.000265	0.00112	0
2086 Nov	0.0268	0.00000491	2.68	2.54	0.0246	0.000974	14.4	0.00224	0.0152	0.00013	0.000183	0.000104	0.13	0.0000022	0.000713	0.000265	0.00112	0
2086 Dec	0.0268	0.00000491	2.68	2.54	0.0246	0.000974	14.4	0.00224	0.0152	0.00013	0.000183	0.000104	0.13	0.0000022	0.000713	0.000265	0.00112	0
2087 Jan	0.0268	0.00000491	2.68	2.54	0.0246	0.000974	14.4	0.00224	0.0152	0.00013	0.000183	0.000104	0.13	0.0000022	0.000713	0.000265	0.00112	0
2087 Feb	0.0268	0.00000491	2.68	2.54	0.0246	0.000974	14.4	0.00224	0.0152	0.00013	0.000183	0.000104	0.13	0.0000022	0.000713	0.000265	0.00112	0
2087 Mar	0.0268	0.00000491	2.68	2.54	0.0246	0.000974	14.4	0.00224	0.0152	0.00013	0.000183	0.000104	0.13	0.0000022	0.000713	0.000265	0.00112	0
2087 Apr	0.0268	0.00000491	2.68	2.54	0.0246	0.000974	14.4	0.00224	0.0152	0.00013	0.000183	0.000104	0.13	0.0000022	0.000713	0.000265	0.00112	0
2087 May	0.0269	0.00000491	2.68	2.54	0.0247	0.000974	14.4	0.00224	0.0152	0.000131	0.000183	0.000104	0.13	0.0000022	0.000713	0.000266	0.00112	0
2087 Jun	0.0271	0.00000493	2.68	2.55	0.0249	0.000974	14.3	0.00225	0.0153	0.000133	0.000184	0.000104	0.131	0.0000022	0.000713	0.000269	0.00112	0
2087 Jul	0.0271	0.00000494	2.69	2.55	0.0249	0.000976	14.4	0.00225	0.0153	0.000133	0.000184	0.000105	0.131	0.0000022	0.000714	0.000269	0.00113	0
2087 Aug	0.0272	0.00000495	2.69	2.56	0.025	0.000978	14.4	0.00225	0.0153	0.000133	0.000184	0.000105	0.131	0.0000022	0.000716	0.000269	0.00113	0
2087 Sep	0.0272	0.00000495	2.7	2.56	0.025	0.000979	14.4	0.00226	0.0153	0.000133	0.000184	0.000105	0.131	0.00000221	0.000717	0.000269	0.00113	0
2087 Oct	0.0272	0.00000495	2.7	2.56	0.025	0.00098	14.4	0.00226	0.0153	0.000133	0.000185	0.000105	0.131	0.00000221	0.000717	0.000269	0.00113	0
2087 Nov	0.0272	0.00000495	2.7	2.56	0.025	0.00098	14.4	0.00226	0.0153	0.000133	0.000185	0.000105	0.131	0.00000221	0.000718	0.000269	0.00113	0
2087 Dec	0.0272	0.00000495	2.7	2.56	0.025	0.00098	14.4	0.00226	0.0154	0.000133	0.000185	0.000105	0.131	0.00000221	0.000718	0.000269	0.00113	0
2088 Jan	0.0272	0.00000495	2.7	2.56	0.025	0.00098	14.4	0.00226	0.0154	0.000133	0.000185	0.000105	0.131	0.00000221	0.000718	0.000269	0.00113	0
2088 Feb	0.0272	0.00000495	2.7	2.56	0.025	0.00098	14.4	0.00226	0.0154	0.000133	0.000185	0.000105	0.131	0.00000221	0.000718	0.000269	0.00113	0
2088 Mar	0.0272	0.00000495	2.7	2.56	0.025	0.00098	14.4	0.00226	0.0154	0.000133	0.000185	0.000105	0.131	0.00000221	0.000718	0.000269	0.00113	0
2088 Apr	0.0272	0.00000495	2.7	2.56	0.025	0.00098	14.4	0.00226	0.0154	0.000133	0.000185	0.000105	0.132	0.00000221	0.000718	0.000269	0.00113	0
2088 May	0.0272	0.00000496	2.7	2.56	0.025	0.000981	14.4	0.00226	0.0154	0.000133	0.000185	0.000105	0.132	0.00000221	0.000718	0.00027	0.00113	0
2088 Jun	0.0272	0.00000497	2.7	2.56	0.025	0.000981	14.4	0.00226	0.0154	0.000133	0.000185	0.000105	0.132	0.00000221	0.000718	0.00027	0.00113	0
2088 Jul	0.0273	0.00000498	2.7	2.56	0.025	0.000983	14.4	0.00227	0.0154	0.000133	0.000185	0.000105	0.132	0.00000221	0.00072	0.000271	0.00113	0
2088 Aug	0.0273	0.00000499	2.71	2.57	0.0251	0.000985	14.4	0.00227	0.0155	0.000134	0.000186	0.000105	0.132	0.00000221	0.000721	0.000271	0.00113	0
2088 Sep	0.0273	0.000005	2.71	2.57	0.0251	0.000986	14.4	0.00227	0.0155	0.000134	0.000186	0.000105	0.132	0.00000221	0.000722	0.000271	0.00113	0
2088 Oct	0.0273	0.000005	2.71	2.57	0.0251	0.000987	14.4	0.00227	0.0155	0.000134	0.000186	0.000105	0.132	0.00000221	0.000723	0.000271	0.00113	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Nov	0.0273	0.000005	2.71	2.57	0.0251	0.000987	14.4	0.00227	0.0155	0.000134	0.000186	0.000105	0.132	0.00000221	0.000723	0.000271	0.00113	0
2088 Dec	0.0273	0.000005	2.71	2.57	0.0251	0.000987	14.4	0.00227	0.0155	0.000134	0.000186	0.000105	0.132	0.00000221	0.000723	0.000271	0.00113	0
2089 Jan	0.0273	0.000005	2.71	2.57	0.0251	0.000987	14.4	0.00227	0.0155	0.000134	0.000186	0.000105	0.132	0.00000221	0.000723	0.000271	0.00113	0
2089 Feb	0.0273	0.000005	2.71	2.57	0.0251	0.000987	14.4	0.00227	0.0155	0.000134	0.000186	0.000105	0.132	0.00000221	0.000723	0.000271	0.00113	0
2089 Mar	0.0273	0.000005	2.71	2.57	0.0251	0.000987	14.4	0.00227	0.0155	0.000134	0.000186	0.000105	0.132	0.00000221	0.000723	0.000271	0.00113	0
2089 Apr	0.0273	0.000005	2.71	2.57	0.0251	0.000988	14.4	0.00227	0.0155	0.000134	0.000186	0.000105	0.132	0.00000221	0.000723	0.000271	0.00113	0
2089 May	0.0274	0.00000501	2.71	2.57	0.0252	0.000988	14.4	0.00228	0.0155	0.000134	0.000186	0.000106	0.132	0.00000221	0.000723	0.000272	0.00113	0
2089 Jun	0.0276	0.00000502	2.72	2.58	0.0254	0.000988	14.4	0.00228	0.0156	0.000136	0.000187	0.000106	0.133	0.00000221	0.000724	0.000274	0.00114	0
2089 Jul	0.0276	0.00000503	2.72	2.59	0.0254	0.000991	14.5	0.00228	0.0156	0.000136	0.000187	0.000106	0.133	0.00000221	0.000725	0.000274	0.00114	0
2089 Aug	0.0276	0.00000504	2.73	2.59	0.0255	0.000992	14.5	0.00229	0.0157	0.000136	0.000187	0.000106	0.133	0.00000222	0.000727	0.000275	0.00114	0
2089 Sep	0.0276	0.00000505	2.73	2.59	0.0255	0.000994	14.5	0.00229	0.0157	0.000136	0.000187	0.000106	0.133	0.00000222	0.000728	0.000275	0.00114	0
2089 Oct	0.0276	0.00000505	2.73	2.59	0.0255	0.000995	14.5	0.00229	0.0157	0.000136	0.000187	0.000106	0.133	0.00000221	0.000728	0.000275	0.00114	0
2089 Nov	0.0276	0.00000505	2.73	2.59	0.0255	0.000995	14.5	0.00229	0.0157	0.000136	0.000187	0.000106	0.133	0.00000221	0.000728	0.000275	0.00114	0
2089 Dec	0.0276	0.00000505	2.73	2.59	0.0255	0.000995	14.5	0.00229	0.0157	0.000136	0.000187	0.000106	0.133	0.00000221	0.000728	0.000275	0.00114	0
2090 Jan	0.0276	0.00000505	2.73	2.59	0.0255	0.000995	14.5	0.00229	0.0157	0.000136	0.000187	0.000106	0.133	0.00000221	0.000728	0.000275	0.00114	0
2090 Feb	0.0276	0.00000505	2.73	2.59	0.0255	0.000995	14.5	0.00229	0.0157	0.000136	0.000187	0.000106	0.133	0.00000221	0.000728	0.000275	0.00114	0
2090 Mar	0.0276	0.00000505	2.73	2.59	0.0255	0.000995	14.5	0.00229	0.0157	0.000136	0.000187	0.000106	0.133	0.00000221	0.000728	0.000275	0.00114	0
2090 Apr	0.0276	0.00000505	2.73	2.59	0.0255	0.000995	14.5	0.00229	0.0157	0.000136	0.000187	0.000106	0.133	0.00000222	0.000728	0.000275	0.00114	0
2090 May	0.0276	0.00000505	2.73	2.59	0.0255	0.000995	14.5	0.00229	0.0157	0.000136	0.000188	0.000106	0.133	0.00000222	0.000729	0.000275	0.00114	0
2090 Jun	0.0279	0.00000508	2.73	2.6	0.0257	0.000994	14.4	0.00229	0.0158	0.000138	0.000188	0.000106	0.134	0.00000221	0.000728	0.000278	0.00114	0
2090 Jul	0.0279	0.00000508	2.74	2.6	0.0258	0.000996	14.5	0.0023	0.0159	0.000138	0.000188	0.000106	0.134	0.00000221	0.00073	0.000278	0.00114	0
2090 Aug	0.0279	0.0000051	2.74	2.6	0.0258	0.000998	14.5	0.0023	0.0159	0.000138	0.000189	0.000107	0.134	0.00000221	0.000731	0.000278	0.00114	0
2090 Sep	0.0279	0.0000051	2.74	2.6	0.0258	0.001	14.5	0.0023	0.0159	0.000138	0.000189	0.000107	0.134	0.00000221	0.000732	0.000278	0.00114	0
2090 Oct	0.0279	0.00000511	2.74	2.6	0.0258	0.001	14.4	0.0023	0.0159	0.000138	0.000189	0.000107	0.134	0.00000221	0.000732	0.000278	0.00114	0
2090 Nov	0.0279	0.00000511	2.74	2.6	0.0258	0.001	14.4	0.0023	0.0159	0.000138	0.000189	0.000107	0.134	0.00000221	0.000732	0.000278	0.00114	0
2090 Dec	0.0279	0.00000511	2.74	2.6	0.0258	0.001	14.4	0.0023	0.0159	0.000138	0.000189	0.000107	0.134	0.00000221	0.000732	0.000278	0.00114	0
2091 Jan	0.0279	0.00000511	2.74	2.6	0.0258	0.001	14.4	0.0023	0.0159	0.000138	0.000189	0.000107	0.134	0.00000221	0.000732	0.000278	0.00114	0
2091 Feb	0.0279	0.00000511	2.74	2.6	0.0258	0.001	14.4	0.0023	0.0159	0.000138	0.000189	0.000107	0.134	0.00000221	0.000732	0.000278	0.00114	0
2091 Mar	0.0279	0.00000511	2.74	2.6	0.0258	0.001	14.4	0.0023	0.0159	0.000138	0.000189	0.000107	0.134	0.00000221	0.000732	0.000278	0.00114	0
2091 Apr	0.0279	0.00000511	2.74	2.6	0.0258	0.001	14.4	0.0023	0.0159	0.000138	0.000189	0.000107	0.134	0.00000221	0.000732	0.000278	0.00114	0
2091 May	0.0279	0.00000511	2.74	2.61	0.0258	0.001	14.4	0.0023	0.016	0.000138	0.000189	0.000107	0.134	0.00000221	0.000733	0.000278	0.00114	0
2091 Jun	0.0281	0.00000513	2.74	2.61	0.026	0.001	14.4	0.00231	0.0161	0.00014	0.000189	0.000107	0.135	0.00000221	0.000732	0.000281	0.00114	0
2091 Jul	0.0282	0.00000514	2.75	2.62	0.0261	0.001	14.4	0.00231	0.0161	0.00014	0.00019	0.000107	0.135	0.00000221	0.000734	0.000281	0.00114	0
2091 Aug	0.0282	0.00000515	2.75	2.62	0.0261	0.00101	14.5	0.00231	0.0161	0.00014	0.00019	0.000107	0.135	0.00000221	0.000736	0.000281	0.00114	0
2091 Sep	0.0282	0.00000515	2.75	2.62	0.0261	0.00101	14.5	0.00232	0.0161	0.00014	0.00019	0.000107	0.135	0.00000221	0.000737	0.000281	0.00114	0
2091 Oct	0.0282	0.00000516	2.76	2.62	0.0261	0.00101	14.5	0.00232	0.0161	0.00014	0.00019	0.000107	0.135	0.00000221	0.000737	0.000281	0.00114	0
2091 Nov	0.0282	0.00000516	2.76	2.62	0.0261	0.00101	14.5	0.00232	0.0161	0.00014	0.00019	0.000107	0.135	0.00000221	0.000737	0.000281	0.00114	0
2091 Dec	0.0282	0.00000516	2.76	2.62	0.0261	0.00101	14.5	0.00232	0.0161	0.00014	0.00019	0.000107	0.135	0.00000221	0.000737	0.000281	0.00114	0
2092 Jan	0.0282	0.00000516	2.76	2.62	0.0261	0.00101	14.5	0.00232	0.0161	0.00014	0.00019	0.000107	0.135	0.00000221	0.000737	0.000281	0.00114	0
2092 Feb	0.0282	0.00000516	2.76	2.62	0.0261	0.00101	14.5	0.00232	0.0161	0.00014	0.00019	0.000107	0.135	0.00000221	0.000737	0.000281	0.00114	0
2092 Mar	0.0282	0.00000516	2.76	2.62	0.0261	0.00101	14.5	0.00232	0.0161	0.00014	0.00019	0.000107	0.135	0.00000221	0.000737	0.000281	0.00114	0
2092 Apr	0.0282	0.00000516	2.76	2.62	0.0261	0.00101	14.5	0.00232	0.0161	0.00014	0.00019	0.000107	0.135	0.00000221	0.000737	0.000281	0.00114	0
2092 May	0.0283	0.00000516	2.76	2.62	0.0262	0.00101	14.5	0.00232	0.0162	0.00014	0.00019	0.000107	0.135	0.00000221	0.000737	0.000282	0.00114	0
2092 Jun	0.0285	0.00000519	2.76	2.63	0.0264	0.00101	14.4	0.00232	0.0163	0.000143	0.000191	0.000107	0.136	0.00000221	0.000737	0.000285	0.00115	0
2092 Jul	0.0285	0.00000519	2.76	2.63	0.0265	0.00101	14.4	0.00232	0.0163	0.000143	0.000191	0.000107	0.136	0.00000221	0.000739	0.000285	0.00115	0
2092 Aug	0.0285	0.0000052	2.77	2.64	0.0265	0.00101	14.4	0.00233	0.0163	0.000143	0.000191	0.000108	0.136	0.00000221	0.00074	0.000285	0.00115	0
2092 Sep	0.0285	0.00000521	2.77	2.64	0.0265	0.00101	14.5	0.00233	0.0163	0.000143	0.000191	0.000108	0.136	0.00000221	0.000741	0.000285	0.00115	0
2092 Oct	0.0285	0.00000521	2.77	2.64	0.0265	0.00101	14.5	0.00233	0.0163	0.000143	0.000192	0.000108	0.136	0.00000221	0.000742	0.000285	0.00115	0
2092 Nov	0.0285	0.00000521	2.77	2.64	0.0265	0.00101	14.5	0.00233	0.0163	0.000143	0.000192	0.000108	0.136	0.00000221	0.000742	0.000285	0.00115	0
2092 Dec	0.0285	0.00000521	2.77	2.64	0.0265	0.00101	14.5	0.00233	0.0163	0.000143	0.000192	0.000108	0.136	0.00000221	0.000742	0.000285	0.00115	0
2093 Jan	0.0285	0.00000521	2.77	2.64	0.0265	0.00101	14.5	0.00233	0.0163	0.000143	0.000192	0.000108	0.136	0.00000221	0.000742	0.000285	0.00115	0
2093 Feb	0.0285	0.00000521	2.77	2.64	0.0265	0.00101	14.5	0.00233	0.0163	0.000143	0.000192	0.000108	0.136	0.00000221	0.000742	0.000285	0.00115	0
2093 Mar	0.0285	0.00000521	2.77	2.64	0.0265	0.00101	14.5	0.00233	0.0163	0.000143	0.000192	0.000108	0.136	0.00000221	0.000742	0.000285	0.00115	0
2093 Apr	0.0285	0.00000521	2.77	2.64	0.0265	0.00101	14.5	0.00233	0.0163	0.000143	0.000192	0.000108	0.136	0.00000221	0.000742	0.000285	0.00115	0
2093 May	0.0286	0.00000521	2.77	2.64	0.0266	0.00101	14.5	0.00233	0.0163	0.000143	0.000192	0.000108	0.136	0.00000221	0.000742	0.000286	0.00115	0
2093 Jun	0.0287	0.00000523	2.77	2.65	0.0268	0.00101	14.4	0.00233	0.0164	0.000145	0.000192	0.000108	0.137	0.00000221	0.000742	0.000288	0.00115	0
2093 Jul	0.0288	0.00000524	2.78	2.65	0.0268	0.00102	14.5	0.00234	0.0165	0.000145	0.000192	0.000108	0.137	0.00000221	0.000744	0.000289	0.00115	0
2093 Aug	0.0288	0.00000525	2.78	2.65	0.0268	0.00102	14.5	0.00234	0.0165	0.000145	0.000193	0.000108	0.137	0.00000222	0.000746	0.000289	0.00115	0
2093 Sep	0.0288	0.00000525	2.79	2.66	0.0269	0.00102	14.5	0.00235	0.0165	0.000145	0.000193	0.000108	0.137	0.00000222	0.000747	0.000289	0.00115	0
2093 Oct	0.0288	0.00000526	2.79	2.66	0.0268	0.00102	14.5	0.00235	0.0165	0.000145	0.000193	0.000108	0.137	0.00000222	0.000747	0.000289	0.00115	0
2093 Nov	0.0288	0.00000526	2.79	2.65	0.0268	0.00102	14.5	0.00235	0.0165	0.000145	0.000193	0.000108	0.137	0.00000221	0.000747	0.000289	0.00115	0
2093 Dec	0.0288	0.00000526	2.79	2.65	0.0268	0.00102	14.5	0.00235	0.0165	0.000145	0.000193	0.000108	0.137	0.00000221	0.000747	0.000289	0.00115	0
2094 Jan	0.0288	0.00000526	2.79	2.65	0.0268	0.00102	14.5	0.00235	0.0165	0.000145	0.000193	0.000108	0.137	0.00000221	0.000747	0.000289	0.00115	0
2094 Feb	0.0288	0.00000526	2.79	2.65	0.0268	0.00102	14.5	0.00235	0.0165	0.000145	0.000193	0.000108	0.137	0.00000221	0.000747	0.000289	0.00115	0
2094 Mar	0.0288	0.00000526	2.79	2.65	0.0268	0.00102	14.5	0.00235	0.0165	0.000145	0.000193	0.000108	0.137	0.00000222	0.000747	0.000289	0.00115	0
2094 Apr	0.0288	0.00000526	2.79	2.66	0.0268	0.00102	14.5	0.00235	0.0165	0.000145	0.000193	0.000108	0.137	0.00000222	0.000747	0.000289	0.00115	0
2094 May	0.0289	0.00000526	2.79	2.66	0.0269	0.00102	14.5	0.00235	0.0165	0.000145	0.000193	0.000108	0.137	0.00000222	0.000747	0.00029	0.00115	0
2094 Jun	0.029	0.00000528	2.79	2.66	0.0271	0.00102	14.5	0.00235	0.0166	0.000147	0.000193	0.000109	0.138	0.00000222	0.000748	0.000292	0.00115	0
2094 Jul	0.0291	0.00000529	2.8	2.67	0.0272	0.00102	14.5	0.00236	0.0166	0.000147	0.000194	0.000109	0.138	0.00000222	0.00075	0.000292	0.00116	0
2094 Aug	0.0291	0.0000053	2.8	2.67	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.000194	0.000109	0.138	0.00000222	0.000751	0.000293	0.00116	0
2094 Sep	0.0291	0.0000053	2.8	2.68	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.000194	0.000109	0.138	0.00000222	0.000752	0.000293	0.00116	0
2094 Oct	0.0291	0.00000531	2.8	2.68	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.000195	0.000109	0.138	0.00000222	0.000753	0.000293	0.00116	0
2094 Nov	0.0291	0.00000531	2.8	2.68	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.000194	0.000109	0.138	0.00000222	0.000753	0.000292	0.00116	0
2094 Dec	0.0291	0.00000531	2.8	2.68	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.000194	0.000109	0.138	0.00000222	0.000753	0.000292	0.00116	0
2095 Jan	0.0291	0.00000531	2.8	2.68	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.000194	0.000109	0.138	0.00000222	0.000753	0.000292	0.00116	0
2095 Feb	0.0291	0.00000531	2.8	2.68	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.000194	0.000109	0.138	0.00000222	0.000753	0.000292	0.00116	0
2095 Mar	0.0291	0.00000531	2.8	2.68	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.000194	0.000109	0.138	0.00000222	0.000753	0.000292	0.00116	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2095 Apr	0.0291	0.00000531	2.8	2.68	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.000194	0.000109	0.138	0.00000222	0.000753	0.000292	0.00116	0
2095 May	0.0292	0.00000531	2.81	2.68	0.0273	0.00103	14.5	0.00237	0.0167	0.000148	0.000195	0.000109	0.138	0.00000222	0.000753	0.000293	0.00116	0
2095 Jun	0.0293	0.00000533	2.81	2.68	0.0274	0.00103	14.5	0.00237	0.0168	0.000148	0.000195	0.000109	0.139	0.00000222	0.000754	0.000294	0.00116	0
2095 Jul	0.0293	0.00000534	2.82	2.69	0.0274	0.00103	14.6	0.00237	0.0168	0.000149	0.000195	0.00011	0.139	0.00000223	0.000756	0.000295	0.00116	0
2095 Aug	0.0293	0.00000534	2.82	2.69	0.0275	0.00104	14.6	0.00238	0.0168	0.000149	0.000196	0.00011	0.139	0.00000223	0.000758	0.000295	0.00116	0
2095 Sep	0.0293	0.00000535	2.82	2.69	0.0275	0.00104	14.6	0.00238	0.0168	0.000149	0.000196	0.00011	0.139	0.00000223	0.000759	0.000295	0.00116	0
2095 Oct	0.0293	0.00000535	2.82	2.69	0.0275	0.00104	14.6	0.00238	0.0168	0.000149	0.000196	0.00011	0.139	0.00000223	0.000759	0.000295	0.00116	0
2095 Nov	0.0293	0.00000535	2.82	2.69	0.0275	0.00104	14.6	0.00238	0.0168	0.000149	0.000196	0.00011	0.139	0.00000223	0.00076	0.000295	0.00116	0
2095 Dec	0.0293	0.00000535	2.82	2.69	0.0275	0.00104	14.6	0.00238	0.0168	0.000149	0.000196	0.00011	0.139	0.00000223	0.00076	0.000295	0.00116	0
2096 Jan	0.0293	0.00000535	2.82	2.69	0.0275	0.00104	14.6	0.00238	0.0168	0.000149	0.000196	0.00011	0.139	0.00000223	0.00076	0.000295	0.00116	0
2096 Feb	0.0293	0.00000535	2.82	2.69	0.0275	0.00104	14.6	0.00238	0.0168	0.000149	0.000196	0.00011	0.139	0.00000223	0.00076	0.000295	0.00116	0
2096 Mar	0.0293	0.00000535	2.82	2.69	0.0275	0.00104	14.6	0.00238	0.0168	0.000149	0.000196	0.00011	0.139	0.00000223	0.00076	0.000295	0.00116	0
2096 Apr	0.0293	0.00000535	2.82	2.69	0.0275	0.00104	14.6	0.00238	0.0168	0.000149	0.000196	0.00011	0.139	0.00000223	0.00076	0.000295	0.00116	0
2096 May	0.0294	0.00000535	2.83	2.7	0.0275	0.00104	14.6	0.00238	0.0168	0.000149	0.000196	0.00011	0.14	0.00000223	0.00076	0.000295	0.00116	0
2096 Jun	0.0294	0.00000537	2.82	2.7	0.0276	0.00104	14.5	0.00238	0.0169	0.000149	0.000196	0.00011	0.14	0.00000222	0.000759	0.000297	0.00116	0
2096 Jul	0.0295	0.00000538	2.83	2.7	0.0276	0.00104	14.6	0.00239	0.017	0.00015	0.000197	0.00011	0.14	0.00000222	0.000761	0.000297	0.00116	0
2096 Aug	0.0295	0.00000539	2.83	2.7	0.0277	0.00104	14.6	0.00239	0.017	0.00015	0.000197	0.00011	0.14	0.00000223	0.000763	0.000298	0.00117	0
2096 Sep	0.0295	0.0000054	2.84	2.71	0.0277	0.00104	14.6	0.00239	0.017	0.00015	0.000197	0.00011	0.14	0.00000223	0.000764	0.000298	0.00117	0
2096 Oct	0.0295	0.0000054	2.84	2.7	0.0277	0.00104	14.6	0.0024	0.017	0.000149	0.000197	0.00011	0.14	0.00000223	0.000764	0.000297	0.00116	0
2096 Nov	0.0295	0.0000054	2.84	2.7	0.0277	0.00104	14.6	0.0024	0.017	0.000149	0.000197	0.00011	0.14	0.00000223	0.000764	0.000297	0.00116	0
2096 Dec	0.0295	0.0000054	2.84	2.7	0.0277	0.00104	14.6	0.0024	0.017	0.000149	0.000197	0.00011	0.14	0.00000223	0.000764	0.000297	0.00116	0
2097 Jan	0.0295	0.0000054	2.84	2.7	0.0277	0.00104	14.6	0.0024	0.017	0.000149	0.000197	0.00011	0.14	0.00000223	0.000764	0.000297	0.00116	0
2097 Feb	0.0295	0.0000054	2.84	2.7	0.0277	0.00104	14.6	0.0024	0.017	0.000149	0.000197	0.00011	0.14	0.00000223	0.000764	0.000297	0.00116	0
2097 Mar	0.0295	0.0000054	2.84	2.7	0.0277	0.00104	14.6	0.0024	0.017	0.000149	0.000197	0.00011	0.14	0.00000223	0.000764	0.000297	0.00116	0
2097 Apr	0.0295	0.0000054	2.84	2.71	0.0277	0.00104	14.6	0.0024	0.017	0.000149	0.000197	0.00011	0.14	0.00000223	0.000764	0.000297	0.00116	0
2097 May	0.0295	0.00000541	2.84	2.71	0.0277	0.00104	14.6	0.0024	0.017	0.00015	0.000198	0.00011	0.14	0.00000223	0.000765	0.000298	0.00117	0
2097 Jun	0.0297	0.00000542	2.84	2.71	0.0279	0.00105	14.6	0.0024	0.0171	0.000151	0.000198	0.000111	0.141	0.00000223	0.000765	0.000299	0.00117	0
2097 Jul	0.0297	0.00000543	2.85	2.72	0.0279	0.00105	14.6	0.0024	0.0171	0.000151	0.000198	0.000111	0.141	0.00000223	0.000767	0.0003	0.00117	0
2097 Aug	0.0297	0.00000544	2.85	2.72	0.028	0.00105	14.6	0.00241	0.0171	0.000151	0.000199	0.000111	0.141	0.00000223	0.000768	0.0003	0.00117	0
2097 Sep	0.0298	0.00000544	2.85	2.72	0.028	0.00105	14.6	0.00241	0.0171	0.000151	0.000199	0.000111	0.141	0.00000223	0.000769	0.0003	0.00117	0
2097 Oct	0.0298	0.00000544	2.85	2.72	0.028	0.00105	14.6	0.00241	0.0171	0.000151	0.000199	0.000111	0.141	0.00000223	0.00077	0.0003	0.00117	0
2097 Nov	0.0297	0.00000544	2.85	2.72	0.028	0.00105	14.6	0.00241	0.0171	0.000151	0.000199	0.000111	0.141	0.00000223	0.00077	0.0003	0.00117	0
2097 Dec	0.0297	0.00000544	2.85	2.72	0.028	0.00105	14.6	0.00241	0.0171	0.000151	0.000199	0.000111	0.141	0.00000223	0.00077	0.0003	0.00117	0
2098 Jan	0.0297	0.00000544	2.85	2.72	0.028	0.00105	14.6	0.00241	0.0171	0.000151	0.000199	0.000111	0.141	0.00000223	0.00077	0.0003	0.00117	0
2098 Feb	0.0298	0.00000544	2.85	2.72	0.028	0.00105	14.6	0.00241	0.0171	0.000151	0.000199	0.000111	0.141	0.00000223	0.00077	0.0003	0.00117	0
2098 Mar	0.0298	0.00000544	2.85	2.72	0.028	0.00105	14.6	0.00241	0.0171	0.000151	0.000199	0.000111	0.141	0.00000223	0.00077	0.0003	0.00117	0
2098 Apr	0.0298	0.00000544	2.86	2.72	0.028	0.00105	14.6	0.00241	0.0171	0.000151	0.000199	0.000111	0.141	0.00000223	0.00077	0.0003	0.00117	0
2098 May	0.0299	0.00000545	2.86	2.73	0.0281	0.00105	14.6	0.00241	0.0172	0.000152	0.000199	0.000111	0.141	0.00000223	0.00077	0.000302	0.00117	0
2098 Jun	0.0301	0.00000547	2.86	2.73	0.0283	0.00105	14.6	0.00242	0.0173	0.000154	0.0002	0.000111	0.142	0.00000223	0.00077	0.000304	0.00117	0
2098 Jul	0.0301	0.00000548	2.86	2.74	0.0284	0.00105	14.6	0.00242	0.0173	0.000155	0.0002	0.000112	0.142	0.00000223	0.000772	0.000305	0.00117	0
2098 Aug	0.0301	0.00000549	2.87	2.74	0.0284	0.00106	14.6	0.00243	0.0173	0.000155	0.0002	0.000112	0.142	0.00000223	0.000774	0.000305	0.00117	0
2098 Sep	0.0301	0.00000549	2.87	2.74	0.0284	0.00106	14.6	0.00243	0.0173	0.000154	0.0002	0.000112	0.142	0.00000223	0.000775	0.000305	0.00117	0
2098 Oct	0.0301	0.00000549	2.87	2.74	0.0284	0.00106	14.6	0.00243	0.0173	0.000154	0.0002	0.000112	0.142	0.00000223	0.000775	0.000304	0.00117	0
2098 Nov	0.0301	0.0000055	2.87	2.74	0.0284	0.00106	14.6	0.00243	0.0174	0.000154	0.0002	0.000112	0.142	0.00000223	0.000775	0.000304	0.00117	0
2098 Dec	0.0301	0.0000055	2.87	2.74	0.0284	0.00106	14.6	0.00243	0.0174	0.000154	0.0002	0.000112	0.142	0.00000223	0.000775	0.000304	0.00117	0
2099 Jan	0.0301	0.0000055	2.87	2.74	0.0284	0.00106	14.6	0.00243	0.0174	0.000154	0.0002	0.000112	0.142	0.00000223	0.000775	0.000304	0.00117	0
2099 Feb	0.0301	0.0000055	2.87	2.74	0.0284	0.00106	14.6	0.00243	0.0174	0.000154	0.0002	0.000112	0.142	0.00000223	0.000775	0.000304	0.00117	0
2099 Mar	0.0301	0.0000055	2.87	2.74	0.0284	0.00106	14.6	0.00243	0.0174	0.000154	0.0002	0.000112	0.142	0.00000223	0.000775	0.000304	0.00117	0
2099 Apr	0.0301	0.0000055	2.87	2.74	0.0284	0.00106	14.6	0.00243	0.0174	0.000154	0.0002	0.000112	0.142	0.00000223	0.000776	0.000304	0.00117	0
2099 May	0.0303	0.00000551	2.87	2.75	0.0286	0.00106	14.6	0.00243	0.0174	0.000156	0.000201	0.000112	0.143	0.00000223	0.000775	0.000306	0.00117	0
2099 Jun	0.0303	0.00000552	2.87	2.75	0.0287	0.00106	14.6	0.00243	0.0175	0.000156	0.000201	0.000112	0.143	0.00000223	0.000777	0.000307	0.00117	0
2099 Jul	0.0304	0.00000553	2.88	2.76	0.0287	0.00106	14.6	0.00244	0.0175	0.000156	0.000201	0.000112	0.143	0.00000223	0.000778	0.000308	0.00117	0
2099 Aug	0.0304	0.00000554	2.89	2.76	0.0288	0.00107	14.7	0.00244	0.0175	0.000157	0.000202	0.000112	0.143	0.00000223	0.00078	0.000308	0.00118	0
2099 Sep	0.0304	0.00000554	2.89	2.76	0.0288	0.00107	14.7	0.00245	0.0175	0.000156	0.000202	0.000112	0.144	0.00000223	0.000781	0.000308	0.00118	0
2099 Oct	0.0304	0.00000554	2.89	2.76	0.0288	0.00107	14.7	0.00245	0.0175	0.000156	0.000202	0.000112	0.144	0.00000223	0.000782	0.000308	0.00118	0
2099 Nov	0.0304	0.00000554	2.89	2.76	0.0288	0.00107	14.7	0.00245	0.0175	0.000156	0.000202	0.000112	0.144	0.00000223	0.000782	0.000308	0.00118	0
2099 Dec	0.0304	0.00000554	2.89	2.76	0.0288	0.00107	14.7	0.00245	0.0175	0.000156	0.000202	0.000112	0.144	0.00000223	0.000782	0.000308	0.00118	0
2100 Jan	0.0304	0.00000554	2.89	2.76	0.0288	0.00107	14.7	0.00245	0.0175	0.000156	0.000202	0.000112	0.144	0.00000223	0.000782	0.000308	0.00118	0
2100 Feb	0.0304	0.00000554	2.89	2.76	0.0288	0.00107	14.7	0.00245	0.0175	0.000156	0.000202	0.000112	0.144	0.00000223	0.000782	0.000308	0.00118	0
2100 Mar	0.0304	0.00000554	2.89	2.76	0.0288	0.00107	14.7	0.00245	0.0175	0.000156	0.000202	0.000112	0.144	0.00000223	0.000782	0.000308	0.00118	0
2100 Apr	0.0304	0.00000554	2.89	2.76	0.0288	0.00107	14.7	0.00245	0.0175	0.000156	0.000202	0.000112	0.144	0.00000223	0.000782	0.000308	0.00118	0
2100 May	0.0305	0.00000555	2.89	2.77	0.0289	0.00107	14.7	0.00245	0.0176	0.000157	0.000202	0.000112	0.144	0.00000223	0.000782	0.000309	0.00118	0
2100 Jun	0.0306	0.00000556	2.89	2.77	0.029	0.00107	14.6	0.00245	0.0176	0.000158	0.000202	0.000113	0.144	0.00000223	0.000782	0.000311	0.00118	0
2100 Jul	0.0306	0.00000557	2.9	2.77	0.0291	0.00107	14.7	0.00245	0.0176	0.000158	0.000203	0.000113	0.144	0.00000223	0.000784	0.000311	0.00118	0
2100 Aug	0.0306	0.00000558	2.9	2.78	0.0291	0.00107	14.7	0.00246	0.0176	0.000158	0.000203	0.000113	0.144	0.00000223	0.000786	0.000311	0.00118	0
2100 Sep	0.0306	0.00000558	2.9	2.78	0.0291	0.00107	14.7	0.00246	0.0176	0.000158	0.000203	0.000113	0.144	0.00000223	0.000787	0.000311	0.00118	0
2100 Oct	0.0306	0.00000558	2.9	2.78	0.0291	0.00107	14.7	0.00246	0.0176	0.000158	0.000203	0.000113	0.145	0.00000223	0.000787	0.000311	0.00118	0
2100 Nov	0.0306	0.00000558	2.9	2.78	0.0291	0.00107	14.7	0.00246	0.0176	0.000158	0.000203	0.000113	0.145	0.00000223	0.000787	0.000311	0.00118	0
2100 Dec	0.0306	0.00000558	2.9	2.78	0.0291	0.00107	14.7	0.00246	0.0176	0.000158	0.000203	0.000113	0.145	0.00000223	0.000787	0.000311	0.00118	0
2101 Jan	0.0306	0.00000558	2.9	2.78	0.0291	0.00107	14.7	0.00246	0.0176	0.000158	0.000203	0.000113	0.145	0.00000223	0.000787	0.000311	0.00118	0
2101 Feb	0.0306	0.00000558	2.9	2.78	0.0291	0.00107	14.7	0.00246	0.0176	0.000158	0.000203	0.000113	0.145	0.00000223	0.000787	0.000311	0.00118	0
2101 Mar	0.0306	0.00000558	2.9	2.78	0.0291	0.00107	14.7	0.00246	0.0176	0.000158	0.000203	0.000113	0.145	0.00000223	0.000787	0.000311	0.00118	0
2101 Apr	0.0306	0.00000558	2.9	2.78	0.0291	0.00107	14.7	0.00246	0.0176	0.000158	0.000203	0.000113	0.145	0.00000223	0.000787	0.000311	0.00118	0
2101 May	0.0307	0.00000559	2.91	2.78	0.0292	0.00107	14.7	0.00246	0.0177	0.000159	0.000204	0.000113	0.145	0.00000223	0.000787	0.000312	0.00118	0
2101 Jun	0.0308	0.0000056	2.91	2.79	0.0293	0.00108	14.7	0.00246	0.0177	0.00016	0.000204	0.000113	0.145	0.00000223	0.000788	0.000314	0.00118	0
2101 Jul	0.0308	0.00000561	2.91	2.79	0.0294	0.00108	14.7	0.00247	0.0178	0.00016	0.000204	0.000113	0.145	0.00000223	0.000789	0.000314	0.00118	0
2101 Aug	0.0309	0.00000562	2.92	2.79	0.0294	0.00108	14.7	0.00247	0.0178	0.000161	0.000205	0.000114	0.145	0.00000224	0.000791	0.000314	0.00118	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Sep	0.0309	0.00000562	2.92	2.8	0.0294	0.00108	14.7	0.00248	0.0178	0.000161	0.000205	0.000114	0.146	0.00000224	0.000792	0.000314	0.00118	0
2101 Oct	0.0309	0.00000563	2.92	2.8	0.0294	0.00108	14.7	0.00248	0.0178	0.000161	0.000205	0.000114	0.146	0.00000224	0.000793	0.000314	0.00118	0
2101 Nov	0.0309	0.00000563	2.92	2.8	0.0294	0.00108	14.7	0.00248	0.0178	0.00016	0.000205	0.000114	0.146	0.00000224	0.000793	0.000314	0.00118	0
2101 Dec	0.0309	0.00000563	2.92	2.8	0.0294	0.00108	14.7	0.00248	0.0178	0.00016	0.000205	0.000114	0.146	0.00000224	0.000793	0.000314	0.00118	0
2102 Jan	0.0309	0.00000563	2.92	2.8	0.0294	0.00108	14.7	0.00248	0.0178	0.00016	0.000205	0.000114	0.146	0.00000224	0.000793	0.000314	0.00118	0
2102 Feb	0.0309	0.00000563	2.92	2.8	0.0294	0.00108	14.7	0.00248	0.0178	0.00016	0.000205	0.000114	0.146	0.00000224	0.000793	0.000314	0.00118	0
2102 Mar	0.0309	0.00000563	2.92	2.8	0.0294	0.00108	14.7	0.00248	0.0178	0.00016	0.000205	0.000114	0.146	0.00000224	0.000793	0.000314	0.00118	0
2102 Apr	0.0309	0.00000563	2.92	2.8	0.0294	0.00108	14.7	0.00248	0.0178	0.00016	0.000205	0.000114	0.146	0.00000224	0.000793	0.000314	0.00118	0
2102 May	0.0309	0.00000563	2.92	2.8	0.0295	0.00108	14.7	0.00248	0.0178	0.000161	0.000205	0.000114	0.146	0.00000224	0.000793	0.000315	0.00118	0
2102 Jun	0.0309	0.00000565	2.92	2.79	0.0294	0.00108	14.7	0.00248	0.0179	0.00016	0.000205	0.000114	0.146	0.00000224	0.000792	0.000315	0.00118	0
2102 Jul	0.0309	0.00000566	2.92	2.79	0.0294	0.00108	14.7	0.00248	0.0179	0.00016	0.000206	0.000114	0.146	0.00000224	0.000794	0.000315	0.00119	0
2102 Aug	0.0309	0.00000567	2.93	2.8	0.0295	0.00108	14.7	0.00248	0.0179	0.00016	0.000206	0.000114	0.146	0.00000224	0.000795	0.000315	0.00119	0
2102 Sep	0.0309	0.00000567	2.93	2.8	0.0295	0.00109	14.7	0.00249	0.0179	0.00016	0.000206	0.000114	0.146	0.00000224	0.000796	0.000316	0.00119	0
2102 Oct	0.0309	0.00000567	2.93	2.8	0.0295	0.00109	14.7	0.00249	0.0179	0.00016	0.000206	0.000114	0.146	0.00000224	0.000796	0.000315	0.00119	0
2102 Nov	0.0309	0.00000567	2.93	2.8	0.0295	0.00109	14.7	0.00249	0.018	0.00016	0.000206	0.000114	0.146	0.00000224	0.000796	0.000315	0.00119	0
2102 Dec	0.0309	0.00000567	2.93	2.8	0.0295	0.00109	14.7	0.00249	0.018	0.00016	0.000206	0.000114	0.146	0.00000224	0.000796	0.000315	0.00119	0
2103 Jan	0.0309	0.00000567	2.93	2.8	0.0295	0.00109	14.7	0.00249	0.018	0.00016	0.000206	0.000114	0.146	0.00000224	0.000796	0.000315	0.00119	0
2103 Feb	0.0309	0.00000567	2.93	2.8	0.0295	0.00109	14.7	0.00249	0.018	0.00016	0.000206	0.000114	0.146	0.00000224	0.000796	0.000315	0.00119	0
2103 Mar	0.0309	0.00000567	2.93	2.8	0.0295	0.00109	14.7	0.00249	0.018	0.00016	0.000206	0.000114	0.146	0.00000224	0.000796	0.000315	0.00119	0
2103 Apr	0.0309	0.00000568	2.93	2.8	0.0295	0.00109	14.7	0.00249	0.018	0.00016	0.000206	0.000114	0.146	0.00000224	0.000797	0.000315	0.00119	0
2103 May	0.031	0.00000568	2.93	2.8	0.0295	0.00109	14.7	0.00249	0.018	0.000161	0.000206	0.000114	0.146	0.00000224	0.000796	0.000316	0.00119	0
2103 Jun	0.0312	0.00000569	2.93	2.81	0.0297	0.00109	14.7	0.00249	0.0181	0.000162	0.000207	0.000114	0.146	0.00000223	0.000796	0.000318	0.00119	0
2103 Jul	0.0312	0.0000057	2.94	2.81	0.0298	0.00109	14.7	0.00249	0.0181	0.000162	0.000207	0.000114	0.147	0.00000224	0.000798	0.000319	0.00119	0
2103 Aug	0.0312	0.00000571	2.94	2.81	0.0298	0.00109	14.7	0.0025	0.0181	0.000162	0.000207	0.000114	0.147	0.00000224	0.000799	0.000319	0.00119	0
2103 Sep	0.0312	0.00000572	2.94	2.81	0.0298	0.00109	14.7	0.0025	0.0181	0.000162	0.000207	0.000114	0.147	0.00000224	0.0008	0.000318	0.00119	0
2103 Oct	0.0312	0.00000572	2.94	2.81	0.0298	0.00109	14.7	0.0025	0.0181	0.000162	0.000207	0.000114	0.147	0.00000223	0.000801	0.000318	0.00119	0
2103 Nov	0.0312	0.00000572	2.94	2.81	0.0297	0.00109	14.7	0.0025	0.0181	0.000162	0.000207	0.000114	0.147	0.00000223	0.000801	0.000318	0.00119	0
2103 Dec	0.0312	0.00000572	2.94	2.81	0.0297	0.00109	14.7	0.0025	0.0181	0.000162	0.000207	0.000114	0.147	0.00000223	0.000801	0.000318	0.00119	0
2104 Jan	0.0312	0.00000572	2.94	2.81	0.0297	0.00109	14.7	0.0025	0.0181	0.000162	0.000207	0.000114	0.147	0.00000223	0.000801	0.000318	0.00119	0
2104 Feb	0.0312	0.00000572	2.94	2.81	0.0297	0.00109	14.7	0.0025	0.0181	0.000162	0.000207	0.000114	0.147	0.00000223	0.000801	0.000318	0.00119	0
2104 Mar	0.0312	0.00000572	2.94	2.81	0.0297	0.00109	14.7	0.0025	0.0182	0.000162	0.000207	0.000114	0.147	0.00000223	0.000801	0.000318	0.00119	0
2104 Apr	0.0312	0.00000572	2.94	2.81	0.0298	0.00109	14.7	0.0025	0.0182	0.000162	0.000207	0.000114	0.147	0.00000223	0.000801	0.000318	0.00119	0
2104 May	0.0313	0.00000573	2.94	2.82	0.0299	0.00109	14.7	0.0025	0.0182	0.000163	0.000207	0.000114	0.147	0.00000223	0.000801	0.000319	0.00119	0
2104 Jun	0.0314	0.00000574	2.94	2.82	0.03	0.00109	14.7	0.0025	0.0183	0.000164	0.000208	0.000115	0.147	0.00000223	0.000801	0.000321	0.00119	0
2104 Jul	0.0314	0.00000575	2.95	2.82	0.0301	0.0011	14.7	0.00251	0.0183	0.000164	0.000208	0.000115	0.147	0.00000223	0.000803	0.000321	0.00119	0
2104 Aug	0.0315	0.00000576	2.95	2.83	0.0301	0.0011	14.7	0.00251	0.0183	0.000164	0.000208	0.000115	0.148	0.00000224	0.000805	0.000322	0.00119	0
2104 Sep	0.0314	0.00000576	2.96	2.83	0.0301	0.0011	14.7	0.00251	0.0183	0.000164	0.000209	0.000115	0.148	0.00000224	0.000806	0.000321	0.00119	0
2104 Oct	0.0314	0.00000577	2.96	2.83	0.0301	0.0011	14.7	0.00251	0.0183	0.000164	0.000209	0.000115	0.148	0.00000223	0.000806	0.000321	0.00119	0
2104 Nov	0.0314	0.00000577	2.96	2.83	0.0301	0.0011	14.7	0.00251	0.0183	0.000164	0.000209	0.000115	0.148	0.00000223	0.000806	0.000321	0.00119	0
2104 Dec	0.0314	0.00000577	2.96	2.83	0.0301	0.0011	14.7	0.00251	0.0183	0.000164	0.000209	0.000115	0.148	0.00000223	0.000806	0.000321	0.00119	0
2105 Jan	0.0314	0.00000577	2.96	2.83	0.0301	0.0011	14.7	0.00251	0.0183	0.000164	0.000209	0.000115	0.148	0.00000223	0.000806	0.000321	0.00119	0
2105 Feb	0.0314	0.00000577	2.96	2.83	0.0301	0.0011	14.7	0.00251	0.0183	0.000164	0.000209	0.000115	0.148	0.00000223	0.000806	0.000321	0.00119	0
2105 Mar	0.0314	0.00000577	2.96	2.83	0.0301	0.0011	14.7	0.00251	0.0183	0.000164	0.000209	0.000115	0.148	0.00000223	0.000806	0.000321	0.00119	0
2105 Apr	0.0314	0.00000577	2.96	2.83	0.0301	0.0011	14.7	0.00251	0.0183	0.000164	0.000209	0.000115	0.148	0.00000223	0.000806	0.000321	0.00119	0
2105 May	0.0315	0.00000577	2.96	2.83	0.0301	0.0011	14.7	0.00252	0.0183	0.000164	0.000209	0.000115	0.148	0.00000223	0.000806	0.000322	0.00119	0
2105 Jun	0.0316	0.00000578	2.96	2.84	0.0303	0.0011	14.7	0.00252	0.0184	0.000165	0.000209	0.000115	0.148	0.00000223	0.000807	0.000323	0.00119	0
2105 Jul	0.0316	0.00000579	2.96	2.84	0.0303	0.0011	14.7	0.00252	0.0184	0.000165	0.000209	0.000115	0.148	0.00000224	0.000809	0.000323	0.00119	0
2105 Aug	0.0316	0.0000058	2.97	2.84	0.0303	0.00111	14.7	0.00253	0.0184	0.000165	0.00021	0.000115	0.149	0.00000224	0.000811	0.000323	0.00119	0
2105 Sep	0.0316	0.0000058	2.97	2.84	0.0303	0.00111	14.7	0.00253	0.0184	0.000165	0.00021	0.000115	0.149	0.00000224	0.000811	0.000323	0.00119	0
2105 Oct	0.0316	0.0000058	2.97	2.84	0.0303	0.00111	14.7	0.00253	0.0184	0.000165	0.00021	0.000115	0.149	0.00000223	0.000812	0.000323	0.00119	0
2105 Nov	0.0316	0.00000581	2.97	2.84	0.0303	0.00111	14.7	0.00253	0.0184	0.000165	0.00021	0.000115	0.149	0.00000223	0.000812	0.000323	0.00119	0
2105 Dec	0.0316	0.00000581	2.97	2.84	0.0303	0.00111	14.7	0.00253	0.0184	0.000165	0.00021	0.000115	0.149	0.00000223	0.000812	0.000323	0.00119	0
2106 Jan	0.0316	0.00000581	2.97	2.84	0.0303	0.00111	14.7	0.00253	0.0184	0.000165	0.00021	0.000115	0.149	0.00000223	0.000812	0.000323	0.00119	0
2106 Feb	0.0316	0.00000581	2.97	2.84	0.0303	0.00111	14.7	0.00253	0.0184	0.000165	0.00021	0.000115	0.149	0.00000223	0.000812	0.000323	0.00119	0
2106 Mar	0.0316	0.00000581	2.97	2.84	0.0303	0.00111	14.7	0.00253	0.0184	0.000165	0.00021	0.000115	0.149	0.00000223	0.000812	0.000323	0.00119	0
2106 Apr	0.0316	0.00000581	2.97	2.84	0.0303	0.00111	14.7	0.00253	0.0184	0.000165	0.00021	0.000115	0.149	0.00000223	0.000812	0.000323	0.00119	0
2106 May	0.0316	0.00000581	2.97	2.84	0.0303	0.00111	14.7	0.00253	0.0184	0.000165	0.00021	0.000116	0.149	0.00000224	0.000812	0.000323	0.00119	0
2106 Jun	0.0317	0.00000582	2.97	2.85	0.0305	0.00111	14.7	0.00253	0.0185	0.000166	0.00021	0.000116	0.149	0.00000223	0.000812	0.000325	0.00119	0
2106 Jul	0.0318	0.00000584	2.98	2.85	0.0305	0.00111	14.7	0.00254	0.0185	0.000166	0.000211	0.000116	0.149	0.00000223	0.000814	0.000325	0.00119	0
2106 Aug	0.0318	0.00000584	2.98	2.85	0.0305	0.00111	14.7	0.00254	0.0186	0.000166	0.000211	0.000116	0.149	0.00000223	0.000815	0.000325	0.0012	0
2106 Sep	0.0318	0.00000585	2.98	2.85	0.0305	0.00111	14.7	0.00254	0.0186	0.000166	0.000211	0.000116	0.149	0.00000223	0.000816	0.000325	0.00119	0
2106 Oct	0.0318	0.00000585	2.98	2.85	0.0305	0.00111	14.7	0.00254	0.0186	0.000166	0.000211	0.000116	0.15	0.00000223	0.000817	0.000325	0.00119	0
2106 Nov	0.0318	0.00000585	2.98	2.85	0.0305	0.00111	14.7	0.00254	0.0186	0.000166	0.000211	0.000116	0.15	0.00000223	0.000817	0.000325	0.00119	0
2106 Dec	0.0318	0.00000585	2.98	2.85	0.0305	0.00111	14.7	0.00254	0.0186	0.000166	0.000211	0.000116	0.15	0.00000223	0.000817	0.000325	0.00119	0
2107 Jan	0.0318	0.00000585	2.98	2.85	0.0305	0.00111	14.7	0.00254	0.0186	0.000166	0.000211	0.000116	0.15	0.00000223	0.000817	0.000325	0.00119	0
2107 Feb	0.0318	0.00000585	2.98	2.85	0.0305	0.00111	14.7	0.00254	0.0186	0.000166	0.000211	0.000116	0.15	0.00000223	0.000817	0.000325	0.00119	0
2107 Mar	0.0318	0.00000585	2.98	2.85	0.0305	0.00111	14.7	0.00254	0.0186	0.000166	0.000211	0.000116	0.15	0.00000223	0.000817	0.000325	0.00119	0
2107 Apr	0.0318	0.00000585	2.98	2.85	0.0305	0.00111	14.7	0.00254	0.0186	0.000166	0.000211	0.000116	0.15	0.00000223	0.000817	0.000325	0.00119	0
2107 May	0.0318	0.00000586	2.98	2.86	0.0306	0.00111	14.7	0.00254	0.0186	0.000166	0.000211	0.000116	0.15	0.00000223	0.000817	0.000326	0.0012	0
2107 Jun	0.032	0.00000587	2.99	2.86	0.0308	0.00111	14.7	0.00254	0.0187	0.000168	0.000211	0.000116	0.15	0.00000223	0.000817	0.000328	0.0012	0
2107 Jul	0.032	0.00000588	2.99	2.87	0.0308	0.00112	14.7	0.00255	0.0187	0.000168	0.000212	0.000116	0.15	0.00000223	0.000818	0.000328	0.0012	0
2107 Aug	0.032	0.00000589	3	2.87	0.0308	0.00112	14.7	0.00255	0.0187	0.000168	0.000212	0.000116	0.15	0.00000224	0.00082	0.000329	0.0012	0
2107 Sep	0.0321	0.00000589	3	2.87	0.0309	0.00112	14.8	0.00256	0.0187	0.000168	0.000212	0.000117	0.15	0.00000224	0.000821	0.000329	0.0012	0
2107 Oct	0.0321	0.00000589	3	2.87	0.0309	0.00112	14.8	0.00256	0.0187	0.000168	0.000212	0.000117	0.151	0.00000224	0.000821	0.000329	0.0012	0
2107 Nov	0.032	0.00000589	3	2.87	0.0309	0.00112	14.7	0.00256	0.0187	0.000168	0.000212	0.000117	0.151	0.00000224	0.000822	0.000329	0.0012	0
2107 Dec	0.0321	0.00000589	3	2.87	0.0309	0.00112	14.7	0.00256	0.0187	0.000168	0.000212	0.000117	0.151	0.00000224	0.000822	0.000329	0.0012	0
2108 Jan	0.0321	0.00000589	3	2.87	0.0309	0.00112	14.7	0.00256	0.0187	0.000168	0.000212	0.000117	0.151	0.00000224	0.000822	0.000329	0.0012	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2108 Feb	0.0321	0.00000589	3	2.87	0.0309	0.00112	14.7	0.00256	0.0187	0.000168	0.000212	0.000117	0.151	0.00000224	0.000822	0.000329	0.0012	0
2108 Mar	0.0321	0.00000589	3	2.87	0.0309	0.00112	14.8	0.00256	0.0187	0.000168	0.000212	0.000117	0.151	0.00000224	0.000822	0.000329	0.0012	0
2108 Apr	0.0321	0.0000059	3	2.87	0.0309	0.00112	14.8	0.00256	0.0187	0.000168	0.000212	0.000117	0.151	0.00000224	0.000822	0.000329	0.0012	0
2108 May	0.0321	0.0000059	3	2.87	0.0309	0.00112	14.8	0.00256	0.0187	0.000168	0.000213	0.000117	0.151	0.00000224	0.000822	0.000329	0.0012	0
2108 Jun	0.0321	0.00000591	3	2.87	0.0309	0.00112	14.7	0.00256	0.0188	0.000168	0.000213	0.000117	0.151	0.00000224	0.000822	0.000329	0.0012	0
2108 Jul	0.0321	0.00000592	3.01	2.88	0.0309	0.00112	14.8	0.00256	0.0188	0.000168	0.000213	0.000117	0.151	0.00000224	0.000824	0.00033	0.0012	0
2108 Aug	0.0322	0.00000593	3.01	2.88	0.031	0.00113	14.8	0.00257	0.0188	0.000169	0.000214	0.000117	0.151	0.00000224	0.000826	0.00033	0.0012	0
2108 Sep	0.0322	0.00000594	3.01	2.88	0.031	0.00113	14.8	0.00257	0.0189	0.000169	0.000214	0.000117	0.151	0.00000225	0.000827	0.00033	0.00121	0
2108 Oct	0.0322	0.00000594	3.01	2.88	0.031	0.00113	14.8	0.00257	0.0189	0.000168	0.000214	0.000117	0.151	0.00000224	0.000827	0.00033	0.0012	0
2108 Nov	0.0322	0.00000594	3.01	2.88	0.031	0.00113	14.8	0.00257	0.0189	0.000168	0.000214	0.000117	0.151	0.00000224	0.000827	0.00033	0.0012	0
2108 Dec	0.0322	0.00000594	3.01	2.88	0.031	0.00113	14.8	0.00257	0.0189	0.000168	0.000214	0.000117	0.151	0.00000224	0.000827	0.00033	0.0012	0
2109 Jan	0.0322	0.00000594	3.01	2.88	0.031	0.00113	14.8	0.00257	0.0189	0.000168	0.000214	0.000117	0.151	0.00000224	0.000827	0.00033	0.0012	0
2109 Feb	0.0322	0.00000594	3.01	2.88	0.031	0.00113	14.8	0.00257	0.0189	0.000168	0.000214	0.000117	0.151	0.00000224	0.000827	0.00033	0.0012	0
2109 Mar	0.0322	0.00000594	3.01	2.88	0.031	0.00113	14.8	0.00257	0.0189	0.000168	0.000214	0.000117	0.151	0.00000224	0.000827	0.00033	0.0012	0
2109 Apr	0.0322	0.00000594	3.01	2.88	0.031	0.00113	14.8	0.00257	0.0189	0.000168	0.000214	0.000117	0.151	0.00000224	0.000827	0.00033	0.0012	0
2109 May	0.0323	0.00000595	3.02	2.89	0.0311	0.00113	14.8	0.00257	0.0189	0.000169	0.000214	0.000117	0.151	0.00000224	0.000827	0.000331	0.0012	0
2109 Jun	0.0324	0.00000596	3.02	2.89	0.0312	0.00113	14.8	0.00258	0.019	0.000171	0.000214	0.000117	0.152	0.00000224	0.000828	0.000333	0.00121	0
2109 Jul	0.0324	0.00000597	3.02	2.9	0.0313	0.00113	14.8	0.00258	0.019	0.000171	0.000215	0.000118	0.152	0.00000225	0.000829	0.000333	0.00121	0
2109 Aug	0.0325	0.00000598	3.03	2.9	0.0313	0.00113	14.8	0.00258	0.019	0.000171	0.000215	0.000118	0.152	0.00000225	0.000831	0.000333	0.00121	0
2109 Sep	0.0325	0.00000598	3.03	2.9	0.0313	0.00113	14.8	0.00259	0.019	0.000171	0.000215	0.000118	0.152	0.00000225	0.000832	0.000333	0.00121	0
2109 Oct	0.0324	0.00000599	3.03	2.9	0.0313	0.00113	14.8	0.00259	0.0191	0.00017	0.000215	0.000118	0.152	0.00000225	0.000832	0.000333	0.00121	0
2109 Nov	0.0324	0.00000599	3.03	2.9	0.0313	0.00114	14.8	0.00259	0.0191	0.00017	0.000215	0.000118	0.152	0.00000225	0.000832	0.000333	0.00121	0
2109 Dec	0.0324	0.00000599	3.03	2.9	0.0313	0.00114	14.8	0.00259	0.0191	0.00017	0.000215	0.000118	0.152	0.00000225	0.000832	0.000333	0.00121	0
2110 Jan	0.0324	0.00000599	3.03	2.9	0.0313	0.00114	14.8	0.00259	0.0191	0.00017	0.000215	0.000118	0.152	0.00000225	0.000832	0.000333	0.00121	0
2110 Feb	0.0325	0.00000599	3.03	2.9	0.0313	0.00114	14.8	0.00259	0.0191	0.00017	0.000215	0.000118	0.152	0.00000225	0.000832	0.000333	0.00121	0
2110 Mar	0.0325	0.00000599	3.03	2.9	0.0313	0.00114	14.8	0.00259	0.0191	0.00017	0.000215	0.000118	0.152	0.00000225	0.000832	0.000333	0.00121	0
2110 Apr	0.0325	0.00000599	3.03	2.9	0.0313	0.00114	14.8	0.00259	0.0191	0.00017	0.000215	0.000118	0.152	0.00000225	0.000832	0.000333	0.00121	0
2110 May	0.0325	0.00000599	3.03	2.9	0.0313	0.00114	14.8	0.00259	0.0191	0.000171	0.000215	0.000118	0.152	0.00000225	0.000832	0.000333	0.00121	0
2110 Jun	0.0327	0.00000601	3.03	2.91	0.0316	0.00113	14.8	0.00259	0.0192	0.000173	0.000215	0.000118	0.153	0.00000224	0.000831	0.000336	0.00121	0
2110 Jul	0.0328	0.00000602	3.03	2.91	0.0316	0.00114	14.8	0.00259	0.0192	0.000173	0.000216	0.000118	0.153	0.00000225	0.000833	0.000337	0.00121	0
2110 Aug	0.0327	0.00000603	3.04	2.91	0.0316	0.00114	14.8	0.00259	0.0192	0.000173	0.000216	0.000118	0.153	0.00000224	0.000834	0.000336	0.00121	0
2110 Sep	0.0327	0.00000603	3.04	2.91	0.0316	0.00114	14.8	0.00259	0.0193	0.000172	0.000216	0.000118	0.153	0.00000224	0.000834	0.000335	0.00121	0
2110 Oct	0.0327	0.00000604	3.03	2.91	0.0315	0.00114	14.8	0.00259	0.0193	0.000172	0.000216	0.000118	0.153	0.00000224	0.000834	0.000335	0.00121	0
2110 Nov	0.0327	0.00000604	3.03	2.91	0.0315	0.00114	14.8	0.00259	0.0193	0.000172	0.000216	0.000118	0.153	0.00000224	0.000834	0.000335	0.00121	0
2110 Dec	0.0327	0.00000604	3.03	2.91	0.0315	0.00114	14.8	0.00259	0.0193	0.000172	0.000216	0.000118	0.153	0.00000224	0.000834	0.000335	0.00121	0
2111 Jan	0.0327	0.00000604	3.03	2.91	0.0315	0.00114	14.8	0.00259	0.0193	0.000172	0.000216	0.000118	0.153	0.00000224	0.000834	0.000335	0.00121	0
2111 Feb	0.0327	0.00000604	3.03	2.91	0.0315	0.00114	14.8	0.00259	0.0193	0.000172	0.000216	0.000118	0.153	0.00000224	0.000834	0.000335	0.00121	0
2111 Mar	0.0327	0.00000604	3.03	2.91	0.0315	0.00114	14.8	0.00259	0.0193	0.000172	0.000216	0.000118	0.153	0.00000224	0.000834	0.000335	0.00121	0
2111 Apr	0.0327	0.00000604	3.03	2.91	0.0315	0.00114	14.8	0.00259	0.0193	0.000172	0.000216	0.000118	0.153	0.00000224	0.000834	0.000335	0.00121	0
2111 May	0.0327	0.00000604	3.04	2.91	0.0316	0.00114	14.8	0.00259	0.0193	0.000172	0.000216	0.000118	0.153	0.00000224	0.000834	0.000336	0.00121	0
2111 Jun	0.0329	0.00000606	3.04	2.92	0.0318	0.00114	14.7	0.0026	0.0194	0.000174	0.000216	0.000118	0.153	0.00000224	0.000834	0.000338	0.00121	0
2111 Jul	0.033	0.00000607	3.04	2.92	0.0319	0.00114	14.8	0.0026	0.0194	0.000175	0.000216	0.000118	0.153	0.00000224	0.000836	0.000339	0.00121	0
2111 Aug	0.033	0.00000608	3.05	2.92	0.0319	0.00114	14.8	0.0026	0.0194	0.000174	0.000217	0.000118	0.154	0.00000224	0.000837	0.000338	0.00121	0
2111 Sep	0.033	0.00000608	3.05	2.92	0.0319	0.00114	14.8	0.00261	0.0195	0.000174	0.000217	0.000118	0.154	0.00000224	0.000838	0.000338	0.00121	0
2111 Oct	0.033	0.00000608	3.05	2.92	0.0318	0.00114	14.8	0.00261	0.0195	0.000174	0.000217	0.000118	0.154	0.00000224	0.000838	0.000338	0.00121	0
2111 Nov	0.033	0.00000608	3.05	2.92	0.0318	0.00114	14.8	0.00261	0.0195	0.000174	0.000217	0.000118	0.154	0.00000224	0.000838	0.000338	0.00121	0
2111 Dec	0.033	0.00000608	3.05	2.92	0.0318	0.00114	14.8	0.00261	0.0195	0.000174	0.000217	0.000118	0.154	0.00000224	0.000838	0.000338	0.00121	0
2112 Jan	0.033	0.00000608	3.05	2.92	0.0318	0.00114	14.8	0.00261	0.0195	0.000174	0.000217	0.000118	0.154	0.00000224	0.000838	0.000338	0.00121	0
2112 Feb	0.033	0.00000608	3.05	2.92	0.0318	0.00114	14.8	0.00261	0.0195	0.000174	0.000217	0.000118	0.154	0.00000224	0.000838	0.000338	0.00121	0
2112 Mar	0.033	0.00000608	3.05	2.92	0.0318	0.00114	14.8	0.00261	0.0195	0.000174	0.000217	0.000118	0.154	0.00000224	0.000838	0.000338	0.00121	0
2112 Apr	0.033	0.00000608	3.05	2.92	0.0318	0.00115	14.8	0.00261	0.0195	0.000174	0.000217	0.000118	0.154	0.00000224	0.000838	0.000338	0.00121	0
2112 May	0.033	0.00000609	3.05	2.93	0.0319	0.00115	14.8	0.00261	0.0195	0.000175	0.000217	0.000118	0.154	0.00000224	0.000838	0.000339	0.00121	0
2112 Jun	0.0332	0.0000061	3.05	2.93	0.0321	0.00114	14.7	0.00261	0.0196	0.000177	0.000217	0.000119	0.154	0.00000223	0.000838	0.000341	0.00121	0
2112 Jul	0.0332	0.00000611	3.05	2.93	0.0322	0.00115	14.7	0.00261	0.0196	0.000177	0.000217	0.000119	0.154	0.00000224	0.000839	0.000342	0.00121	0
2112 Aug	0.0333	0.00000612	3.06	2.94	0.0322	0.00115	14.8	0.00262	0.0196	0.000177	0.000218	0.000119	0.154	0.00000224	0.000841	0.000342	0.00121	0
2112 Sep	0.0333	0.00000612	3.06	2.94	0.0322	0.00115	14.8	0.00262	0.0196	0.000177	0.000218	0.000119	0.155	0.00000224	0.000842	0.000342	0.00121	0
2112 Oct	0.0333	0.00000613	3.06	2.94	0.0322	0.00115	14.8	0.00262	0.0196	0.000177	0.000218	0.000119	0.155	0.00000224	0.000842	0.000342	0.00121	0
2112 Nov	0.0333	0.00000613	3.06	2.94	0.0322	0.00115	14.8	0.00262	0.0196	0.000177	0.000218	0.000119	0.155	0.00000224	0.000842	0.000342	0.00121	0
2112 Dec	0.0333	0.00000613	3.06	2.94	0.0322	0.00115	14.8	0.00262	0.0196	0.000177	0.000218	0.000119	0.155	0.00000224	0.000842	0.000342	0.00121	0
2113 Jan	0.0333	0.00000613	3.06	2.94	0.0322	0.00115	14.8	0.00262	0.0196	0.000177	0.000218	0.000119	0.155	0.00000224	0.000842	0.000342	0.00121	0
2113 Feb	0.0333	0.00000613	3.06	2.94	0.0322	0.00115	14.8	0.00262	0.0196	0.000177	0.000218	0.000119	0.155	0.00000224	0.000842	0.000342	0.00121	0
2113 Mar	0.0333	0.00000613	3.06	2.94	0.0322	0.00115	14.8	0.00262	0.0196	0.000177	0.000218	0.000119	0.155	0.00000224	0.000843	0.000342	0.00121	0
2113 Apr	0.0333	0.00000613	3.06	2.94	0.0322	0.00115	14.8	0.00262	0.0196	0.000177	0.000218	0.000119	0.155	0.00000224	0.000843	0.000342	0.00121	0
2113 May	0.0333	0.00000613	3.06	2.94	0.0323	0.00115	14.8	0.00262	0.0197	0.000177	0.000218	0.000119	0.155	0.00000224	0.000843	0.000343	0.00121	0
2113 Jun	0.0335	0.00000614	3.06	2.95	0.0325	0.00115	14.8	0.00262	0.0197	0.000179	0.000218	0.000119	0.155	0.00000224	0.000843	0.000345	0.00121	0
2113 Jul	0.0335	0.00000615	3.07	2.95	0.0325	0.00115	14.8	0.00263	0.0198	0.000179	0.000219	0.000119	0.155	0.00000224	0.000845	0.000345	0.00122	0
2113 Aug	0.0335	0.00000616	3.07	2.96	0.0325	0.00116	14.8	0.00263	0.0198	0.000179	0.000219	0.00012	0.156	0.00000224	0.000846	0.000345	0.00122	0
2113 Sep	0.0335	0.00000617	3.08	2.96	0.0325	0.00116	14.8	0.00263	0.0198	0.000179	0.000219	0.00012	0.156	0.00000224	0.000847	0.000345	0.00122	0
2113 Oct	0.0335	0.00000617	3.07	2.95	0.0325	0.00116	14.8	0.00263	0.0198	0.000178	0.000219	0.000119	0.156	0.00000224	0.000847	0.000345	0.00121	0
2113 Nov	0.0335	0.00000617	3.07	2.95	0.0325	0.00116	14.8	0.00263	0.0198	0.000178	0.000219	0.000119	0.156	0.00000224	0.000847	0.000345	0.00121	0
2113 Dec	0.0335	0.00000617	3.07	2.95	0.0325	0.00116	14.8	0.00263	0.0198	0.000178	0.000219	0.000119	0.156	0.00000224	0.000847	0.000345	0.00121	0
2114 Jan	0.0335	0.00000617	3.07	2.95	0.0325	0.00116	14.8	0.00263	0.0198	0.000178	0.000219	0.000119	0.156	0.00000224	0.000847	0.000345	0.00121	0
2114 Feb	0.0335	0.00000617	3.07	2.95	0.0325	0.00116	14.8	0.00263	0.0198	0.000178	0.000219	0.000119	0.156	0.00000224	0.000847	0.000345	0.00121	0
2114 Mar	0.0335	0.00000617	3.07	2.95	0.0325	0.00116	14.8	0.00263	0.0198	0.000178	0.000219	0.000119	0.156	0.00000224	0.000847	0.000345	0.00121	0
2114 Apr	0.0335	0.00000617	3.07	2.95	0.0325	0.00116	14.8	0.00263	0.0198	0.000178	0.000219	0.000119	0.156	0.00000224	0.000847	0.000345	0.00121	0
2114 May	0.0336	0.00000618	3.07	2.96	0.0326	0.00116	14.8	0.00263	0.0198	0.000179	0.000219	0.00012	0.156	0.00000224	0.000847	0.000346	0.00121	0
2114 Jun	0.0337	0.00000619	3.08	2.96	0.0327	0.00116	14.8	0.00264	0.0199	0.00018	0.00022	0.00012	0.156	0.00000224	0.000848	0.000347	0.00122	0

Appendix D.2-27: DISC01

Constituents	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2114 Jul	0.0338	0.0000062	3.08	2.97	0.0328	0.00116	14.8	0.00264	0.0199	0.000181	0.00022	0.00012	0.156	0.00000224	0.00085	0.000348	0.00122	0
2114 Aug	0.0338	0.00000621	3.09	2.97	0.0329	0.00116	14.8	0.00265	0.02	0.000181	0.00022	0.00012	0.157	0.00000225	0.000852	0.000348	0.00122	0
2114 Sep	0.0338	0.00000622	3.09	2.98	0.0329	0.00116	14.8	0.00265	0.02	0.000181	0.000221	0.00012	0.157	0.00000225	0.000853	0.000348	0.00122	0
2114 Oct	0.0338	0.00000622	3.09	2.97	0.0328	0.00117	14.8	0.00265	0.02	0.00018	0.000221	0.00012	0.157	0.00000225	0.000853	0.000348	0.00122	0
2114 Nov	0.0338	0.00000622	3.09	2.97	0.0328	0.00117	14.8	0.00265	0.02	0.00018	0.00022	0.00012	0.157	0.00000224	0.000853	0.000348	0.00122	0
2114 Dec	0.0338	0.00000622	3.09	2.97	0.0328	0.00117	14.8	0.00265	0.02	0.00018	0.00022	0.00012	0.157	0.00000224	0.000853	0.000348	0.00122	0
2115 Jan	0.0338	0.00000622	3.09	2.97	0.0328	0.00117	14.8	0.00265	0.02	0.00018	0.00022	0.00012	0.157	0.00000224	0.000853	0.000348	0.00122	0
2115 Feb	0.0338	0.00000622	3.09	2.97	0.0328	0.00117	14.8	0.00265	0.02	0.00018	0.00022	0.00012	0.157	0.00000224	0.000853	0.000348	0.00122	0
2115 Mar	0.0338	0.00000622	3.09	2.97	0.0328	0.00117	14.8	0.00265	0.02	0.00018	0.00022	0.00012	0.157	0.00000224	0.000853	0.000348	0.00122	0
2115 Apr	0.0338	0.00000622	3.09	2.97	0.0328	0.00117	14.8	0.00265	0.02	0.00018	0.000221	0.00012	0.157	0.00000224	0.000853	0.000348	0.00122	0
2115 May	0.0339	0.00000623	3.09	2.98	0.0329	0.00117	14.8	0.00265	0.02	0.000181	0.000221	0.00012	0.157	0.00000224	0.000853	0.000348	0.00122	0
2115 Jun	0.0339	0.00000624	3.1	2.98	0.033	0.00117	14.8	0.00265	0.0201	0.000181	0.000221	0.00012	0.157	0.00000225	0.000854	0.000349	0.00122	0
2115 Jul	0.034	0.00000625	3.1	2.99	0.033	0.00117	14.9	0.00266	0.0201	0.000182	0.000221	0.000121	0.157	0.00000225	0.000856	0.00035	0.00122	0
2115 Aug	0.034	0.00000625	3.11	2.99	0.0331	0.00117	14.9	0.00266	0.0201	0.000182	0.000222	0.000121	0.158	0.00000225	0.000858	0.00035	0.00122	0
2115 Sep	0.034	0.00000626	3.11	2.99	0.0331	0.00117	14.9	0.00267	0.0201	0.000181	0.000222	0.000121	0.158	0.00000225	0.000859	0.00035	0.00122	0
2115 Oct	0.034	0.00000626	3.11	2.99	0.0331	0.00117	14.9	0.00267	0.0201	0.000181	0.000222	0.000121	0.158	0.00000225	0.000859	0.00035	0.00122	0
2115 Nov	0.034	0.00000626	3.11	2.99	0.0331	0.00117	14.9	0.00267	0.0201	0.000181	0.000222	0.000121	0.158	0.00000225	0.00086	0.00035	0.00122	0
2115 Dec	0.034	0.00000626	3.11	2.99	0.0331	0.00117	14.9	0.00267	0.0201	0.000181	0.000222	0.000121	0.158	0.00000225	0.00086	0.00035	0.00122	0
2116 Jan	0.034	0.00000626	3.11	2.99	0.0331	0.00117	14.9	0.00267	0.0201	0.000181	0.000222	0.000121	0.158	0.00000225	0.000859	0.00035	0.00122	0
2116 Feb	0.034	0.00000626	3.11	2.99	0.0331	0.00117	14.9	0.00267	0.0201	0.000181	0.000222	0.000121	0.158	0.00000225	0.000859	0.00035	0.00122	0
2116 Mar	0.034	0.00000626	3.11	2.99	0.0331	0.00117	14.9	0.00267	0.0201	0.000181	0.000222	0.000121	0.158	0.00000225	0.00086	0.00035	0.00122	0
2116 Apr	0.034	0.00000626	3.11	2.99	0.0331	0.00117	14.9	0.00267	0.0201	0.000181	0.000222	0.000121	0.158	0.00000225	0.00086	0.00035	0.00122	0
2116 May	0.034	0.00000627	3.11	2.99	0.0331	0.00117	14.9	0.00267	0.0201	0.000182	0.000222	0.000121	0.158	0.00000225	0.00086	0.00035	0.00122	0
2116 Jun	0.0342	0.00000628	3.11	3	0.0333	0.00117	14.8	0.00267	0.0202	0.000184	0.000222	0.000121	0.158	0.00000225	0.000859	0.000353	0.00122	0
2116 Jul	0.0342	0.00000629	3.12	3	0.0334	0.00118	14.9	0.00267	0.0202	0.000184	0.000223	0.000121	0.158	0.00000225	0.000861	0.000353	0.00122	0
2116 Aug	0.0343	0.0000063	3.12	3.01	0.0334	0.00118	14.9	0.00268	0.0203	0.000184	0.000223	0.000121	0.159	0.00000225	0.000863	0.000354	0.00123	0
2116 Sep	0.0343	0.0000063	3.12	3.01	0.0334	0.00118	14.9	0.00268	0.0203	0.000184	0.000223	0.000121	0.159	0.00000225	0.000864	0.000353	0.00123	0
2116 Oct	0.0342	0.00000631	3.12	3.01	0.0334	0.00118	14.9	0.00268	0.0203	0.000184	0.000223	0.000121	0.159	0.00000225	0.000864	0.000353	0.00122	0
2116 Nov	0.0343	0.00000631	3.12	3.01	0.0334	0.00118	14.9	0.00268	0.0203	0.000184	0.000223	0.000121	0.159	0.00000225	0.000864	0.000353	0.00122	0
2116 Dec	0.0343	0.00000631	3.12	3.01	0.0334	0.00118	14.9	0.00268	0.0203	0.000184	0.000223	0.000121	0.159	0.00000225	0.000864	0.000353	0.00122	0
2117 Jan	0.0343	0.00000631	3.12	3.01	0.0334	0.00118	14.9	0.00268	0.0203	0.000184	0.000223	0.000121	0.159	0.00000225	0.000864	0.000353	0.00122	0
2117 Feb	0.0343	0.00000631	3.12	3.01	0.0334	0.00118	14.9	0.00268	0.0203	0.000184	0.000223	0.000121	0.159	0.00000225	0.000864	0.000353	0.00122	0
2117 Mar	0.0343	0.00000631	3.12	3.01	0.0334	0.00118	14.9	0.00268	0.0203	0.000184	0.000223	0.000121	0.159	0.00000225	0.000864	0.000353	0.00122	0
2117 Apr	0.0343	0.00000631	3.12	3.01	0.0334	0.00118	14.9	0.00268	0.0203	0.000184	0.000223	0.000121	0.159	0.00000225	0.000864	0.000353	0.00122	0
2117 May	0.0343	0.00000631	3.13	3.01	0.0334	0.00118	14.9	0.00268	0.0203	0.000184	0.000223	0.000121	0.159	0.00000225	0.000864	0.000354	0.00123	0
2117 Jun	0.0344	0.00000632	3.13	3.01	0.0336	0.00118	14.9	0.00268	0.0204	0.000185	0.000224	0.000122	0.159	0.00000225	0.000865	0.000355	0.00123	0
2117 Jul	0.0345	0.00000633	3.13	3.02	0.0336	0.00118	14.9	0.00269	0.0204	0.000185	0.000224	0.000122	0.159	0.00000225	0.000867	0.000356	0.00123	0
2117 Aug	0.0345	0.00000634	3.14	3.02	0.0337	0.00119	14.9	0.00269	0.0204	0.000185	0.000224	0.000122	0.159	0.00000226	0.000868	0.000356	0.00123	0
2117 Sep	0.0345	0.00000635	3.14	3.02	0.0337	0.00119	14.9	0.0027	0.0204	0.000185	0.000225	0.000122	0.16	0.00000226	0.000869	0.000356	0.00123	0
2117 Oct	0.0345	0.00000635	3.14	3.02	0.0337	0.00119	14.9	0.0027	0.0204	0.000185	0.000225	0.000122	0.16	0.00000226	0.00087	0.000356	0.00123	0
2117 Nov	0.0345	0.00000635	3.14	3.02	0.0337	0.00119	14.9	0.0027	0.0204	0.000185	0.000225	0.000122	0.16	0.00000226	0.00087	0.000356	0.00123	0
2117 Dec	0.0345	0.00000635	3.14	3.02	0.0337	0.00119	14.9	0.0027	0.0204	0.000185	0.000225	0.000122	0.16	0.00000226	0.00087	0.000356	0.00123	0
2118 Jan	0.0345	0.00000635	3.14	3.02	0.0337	0.00119	14.9	0.0027	0.0204	0.000185	0.000225	0.000122	0.16	0.00000226	0.00087	0.000356	0.00123	0
2118 Feb	0.0345	0.00000635	3.14	3.02	0.0337	0.00119	14.9	0.0027	0.0204	0.000185	0.000225	0.000122	0.16	0.00000226	0.00087	0.000356	0.00123	0
2118 Mar	0.0345	0.00000635	3.14	3.02	0.0337	0.00119	14.9	0.0027	0.0204	0.000185	0.000225	0.000122	0.16	0.00000226	0.00087	0.000356	0.00123	0
2118 Apr	0.0345	0.00000635	3.14	3.02	0.0337	0.00119	14.9	0.0027	0.0204	0.000185	0.000225	0.000122	0.16	0.00000226	0.00087	0.000356	0.00123	0
2118 May	0.0346	0.00000636	3.14	3.03	0.0338	0.00119	14.9	0.0027	0.0205	0.000187	0.000225	0.000122	0.16	0.00000226	0.000869	0.000358	0.00123	0
2118 Jun	0.0348	0.00000637	3.14	3.03	0.034	0.00119	14.9	0.0027	0.0206	0.000188	0.000225	0.000122	0.16	0.00000225	0.00087	0.000359	0.00123	0
2118 Jul	0.0348	0.00000638	3.15	3.04	0.0341	0.00119	14.9	0.0027	0.0206	0.000188	0.000226	0.000123	0.16	0.00000226	0.000872	0.00036	0.00123	0
2118 Aug	0.0348	0.00000639	3.15	3.04	0.0341	0.00119	14.9	0.00271	0.0206	0.000188	0.000226	0.000123	0.161	0.00000226	0.000873	0.00036	0.00123	0
2118 Sep	0.0348	0.00000639	3.15	3.04	0.034	0.00119	14.9	0.00271	0.0206	0.000188	0.000226	0.000123	0.161	0.00000225	0.000874	0.000359	0.00123	0
2118 Oct	0.0348	0.00000639	3.15	3.04	0.034	0.00119	14.9	0.00271	0.0206	0.000188	0.000226	0.000123	0.161	0.00000225	0.000874	0.000359	0.00123	0
2118 Nov	0.0348	0.00000639	3.15	3.04	0.034	0.00119	14.9	0.00271	0.0206	0.000187	0.000226	0.000123	0.161	0.00000225	0.000874	0.000359	0.00123	0
2118 Dec	0.0348	0.00000639	3.15	3.04	0.034	0.00119	14.9	0.00271	0.0206	0.000187	0.000226	0.000123	0.161	0.00000225	0.000874	0.000359	0.00123	0
2119 Jan	0.0348	0.00000639	3.15	3.04	0.034	0.00119	14.9	0.00271	0.0206	0.000187	0.000226	0.000123	0.161	0.00000225	0.000874	0.000359	0.00123	0
2119 Feb	0.0348	0.00000639	3.15	3.04	0.034	0.00119	14.9	0.00271	0.0206	0.000187	0.000226	0.000123	0.161	0.00000225	0.000874	0.000359	0.00123	0
2119 Mar	0.0348	0.00000639	3.15	3.04	0.034	0.00119	14.9	0.00271	0.0206	0.000187	0.000226	0.000123	0.161	0.00000225	0.000874	0.000359	0.00123	0
2119 Apr	0.0348	0.0000064	3.15	3.04	0.034	0.00119	14.9	0.00271	0.0206	0.000188	0.000226	0.000123	0.161	0.00000225	0.000874	0.000359	0.00123	0
2119 May	0.0349	0.0000064	3.16	3.05	0.0342	0.00119	14.9	0.00271	0.0207	0.000189	0.000226	0.000123	0.161	0.00000225	0.000874	0.000361	0.00123	0
2119 Jun	0.035	0.00000641	3.16	3.05	0.0343	0.0012	14.9	0.00271	0.0207	0.000189	0.000226	0.000123	0.161	0.00000225	0.000875	0.000362	0.00123	0
2119 Jul	0.035	0.00000642	3.16	3.05	0.0343	0.0012	14.9	0.00272	0.0207	0.000189	0.000227	0.000123	0.161	0.00000225	0.000877	0.000362	0.00123	0
2119 Aug	0.035	0.00000643	3.17	3.06	0.0344	0.0012	14.9	0.00272	0.0208	0.000189	0.000227	0.000123	0.162	0.00000226	0.000879	0.000363	0.00123	0
2119 Sep	0.035	0.00000643	3.17	3.06	0.0344	0.0012	14.9	0.00273	0.0208	0.000189	0.000227	0.000123	0.162	0.00000225	0.00088	0.000362	0.00123	0
2119 Oct	0.035	0.00000644	3.17	3.06	0.0344	0.0012	14.9	0.00273	0.0208	0.000189	0.000227	0.000123	0.162	0.00000225	0.00088	0.000362	0.00123	0
2119 Nov	0.035	0.00000644	3.17	3.06	0.0343	0.0012	14.9	0.00273	0.0208	0.000189	0.000227	0.000123	0.162	0.00000225	0.00088	0.000362	0.00123	0
2119 Dec	0.035	0.00000644	3.17	3.06	0.0343	0.0012	14.9	0.00273	0.0208	0.000189	0.000227	0.000123	0.162	0.00000225	0.00088	0.000362	0.00123	0

D.3: Conjoined Pit Lakes

Appendix D.3-1: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2044-2119): Min	86.8	0.0176	0.0233	0.0014	16.1	0.029	6.62	0.000998	0.000998	0.00000507	0.00332	0.000489	0.0103	0.00912	0.00000508	8.35	0.00000764	0.000106	0.000107
Post Closure (2044-2119): Mean	101	0.0328	0.0302	0.00166	16.6	0.0297	7.41	0.00105	0.00105	0.0000053	0.00506	0.000851	0.0106	0.0159	0.00000531	13.7	0.0000127	0.000188	0.000198
Post Closure (2044-2119): Max	121	0.048	0.0398	0.00197	17.6	0.0306	8.67	0.00109	0.00109	0.00000551	0.00624	0.00115	0.011	0.0219	0.00000551	18.5	0.0000158	0.000255	0.000284
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																			
Model Predictions (2044-2119)																			
2044 Jan	120	0.0176	0.0397	0.00197	17.6	0.0294	8.65	0.001	0.001	0.00000509	0.00332	0.000489	0.0104	0.00912	0.0000051	8.35	0.00000764	0.000106	0.000107
2044 Feb	120	0.0176	0.0397	0.00197	17.6	0.0294	8.65	0.001	0.001	0.00000509	0.00332	0.000489	0.0104	0.00912	0.0000051	8.35	0.00000764	0.000106	0.000107
2044 Mar	120	0.0176	0.0397	0.00197	17.6	0.0294	8.65	0.001	0.001	0.0000051	0.00332	0.000489	0.0104	0.00912	0.00000511	8.35	0.00000764	0.000106	0.000107
2044 Apr	120	0.0176	0.0397	0.00197	17.6	0.0294	8.66	0.001	0.001	0.0000051	0.00332	0.000489	0.0104	0.00913	0.00000511	8.35	0.00000764	0.000106	0.000107
2044 May	121	0.0176	0.0398	0.00197	17.6	0.0295	8.67	0.001	0.001	0.00000511	0.00333	0.00049	0.0104	0.00914	0.00000512	8.37	0.00000765	0.000106	0.000107
2044 Jun	119	0.0176	0.0393	0.00195	17.5	0.0292	8.58	0.000998	0.000998	0.00000507	0.00334	0.000491	0.0103	0.00915	0.00000508	8.36	0.00000772	0.000107	0.000108
2044 Jul	119	0.0176	0.0393	0.00195	17.5	0.0293	8.59	0.001	0.001	0.00000509	0.00336	0.000494	0.0103	0.00919	0.0000051	8.4	0.00000777	0.000107	0.000108
2044 Aug	120	0.0177	0.0396	0.00197	17.6	0.0295	8.64	0.00101	0.00101	0.00000512	0.00338	0.000497	0.0104	0.00926	0.00000513	8.46	0.00000783	0.000108	0.000109
2044 Sep	120	0.0178	0.0395	0.00196	17.6	0.0295	8.62	0.00101	0.00101	0.00000512	0.00338	0.000497	0.0104	0.00925	0.00000512	8.45	0.00000781	0.000108	0.000108
2044 Oct	120	0.0179	0.0394	0.00196	17.6	0.0295	8.61	0.00101	0.00101	0.00000511	0.00338	0.000498	0.0104	0.00925	0.00000512	8.45	0.00000781	0.000108	0.000108
2044 Nov	120	0.0179	0.0394	0.00196	17.6	0.0295	8.61	0.00101	0.00101	0.00000511	0.00338	0.000498	0.0104	0.00925	0.00000512	8.46	0.00000782	0.000108	0.000108
2044 Dec	120	0.0179	0.0394	0.00196	17.6	0.0295	8.61	0.00101	0.00101	0.00000511	0.00338	0.000498	0.0104	0.00925	0.00000512	8.46	0.00000782	0.000108	0.000108
2045 Jan	120	0.0179	0.0394	0.00196	17.6	0.0295	8.61	0.00101	0.00101	0.00000511	0.00338	0.000498	0.0104	0.00925	0.00000512	8.46	0.00000782	0.000108	0.000108
2045 Feb	120	0.0179	0.0394	0.00196	17.6	0.0295	8.61	0.00101	0.00101	0.00000511	0.00338	0.000498	0.0104	0.00925	0.00000512	8.46	0.00000782	0.000108	0.000108
2045 Mar	120	0.0179	0.0394	0.00196	17.6	0.0295	8.61	0.00101	0.00101	0.00000511	0.00338	0.000498	0.0104	0.00925	0.00000512	8.46	0.00000782	0.000108	0.000108
2045 Apr	120	0.0179	0.0394	0.00196	17.6	0.0295	8.62	0.00101	0.00101	0.00000511	0.00338	0.000498	0.0104	0.00925	0.00000512	8.46	0.00000782	0.000108	0.000108
2045 May	120	0.0179	0.0395	0.00196	17.6	0.0295	8.63	0.00101	0.00101	0.00000512	0.00339	0.000499	0.0104	0.00927	0.00000513	8.47	0.00000783	0.000108	0.000109
2045 Jun	119	0.0179	0.0392	0.00195	17.5	0.0294	8.57	0.001	0.001	0.00000511	0.0034	0.0005	0.0104	0.00927	0.00000512	8.47	0.00000789	0.000108	0.000108
2045 Jul	119	0.0179	0.0392	0.00195	17.5	0.0294	8.57	0.00101	0.00101	0.00000512	0.00343	0.000503	0.0104	0.0093	0.00000513	8.5	0.00000796	0.000109	0.000109
2045 Aug	120	0.018	0.0393	0.00196	17.6	0.0296	8.6	0.00101	0.00101	0.00000514	0.00344	0.000505	0.0104	0.00935	0.00000515	8.53	0.00000799	0.00011	0.000109
2045 Sep	120	0.018	0.0393	0.00196	17.6	0.0296	8.6	0.00101	0.00101	0.00000514	0.00345	0.000506	0.0105	0.00935	0.00000515	8.54	0.000008	0.00011	0.000109
2045 Oct	120	0.0181	0.0393	0.00196	17.6	0.0296	8.61	0.00101	0.00101	0.00000515	0.00345	0.000506	0.0105	0.00936	0.00000516	8.55	0.000008	0.00011	0.000109
2045 Nov	120	0.0181	0.0393	0.00196	17.6	0.0296	8.61	0.00101	0.00101	0.00000515	0.00345	0.000506	0.0105	0.00937	0.00000516	8.55	0.00000801	0.00011	0.000109
2045 Dec	120	0.0181	0.0393	0.00196	17.6	0.0296	8.61	0.00101	0.00101	0.00000515	0.00345	0.000506	0.0105	0.00937	0.00000516	8.55	0.00000801	0.00011	0.000109
2046 Jan	120	0.0181	0.0393	0.00196	17.6	0.0296	8.61	0.00101	0.00101	0.00000515	0.00345	0.000506	0.0105	0.00937	0.00000516	8.55	0.00000801	0.00011	0.000109
2046 Feb	120	0.0181	0.0393	0.00196	17.6	0.0296	8.61	0.00101	0.00101	0.00000515	0.00345	0.000506	0.0105	0.00937	0.00000516	8.55	0.00000801	0.00011	0.000109
2046 Mar	120	0.0181	0.0393	0.00196	17.6	0.0296	8.61	0.00101	0.00101	0.00000515	0.00345	0.000507	0.0105	0.00937	0.00000516	8.55	0.00000801	0.00011	0.000109
2046 Apr	120	0.0181	0.0394	0.00197	17.6	0.0297	8.62	0.00101	0.00101	0.00000515	0.00345	0.000507	0.0105	0.00937	0.00000516	8.56	0.00000801	0.00011	0.00011
2046 May	120	0.0181	0.0394	0.00197	17.6	0.0297	8.63	0.00102	0.00102	0.00000516	0.00346	0.000508	0.0105	0.00939	0.00000517	8.58	0.00000803	0.00011	0.00011
2046 Jun	119	0.018	0.039	0.00195	17.5	0.0295	8.54	0.00101	0.00101	0.00000514	0.00348	0.000509	0.0104	0.00938	0.00000514	8.56	0.0000081	0.00011	0.00011
2046 Jul	118	0.018	0.0387	0.00194	17.3	0.0294	8.47	0.00101	0.00101	0.00000512	0.00349	0.00051	0.0104	0.00938	0.00000513	8.55	0.00000816	0.000111	0.000109
2046 Aug	118	0.018	0.0388	0.00195	17.4	0.0295	8.51	0.00101	0.00101	0.00000514	0.0035	0.000513	0.0104	0.00942	0.00000515	8.59	0.00000819	0.000111	0.00011
2046 Sep	118	0.0181	0.0387	0.00194	17.4	0.0295	8.49	0.00101	0.00101	0.00000513	0.0035	0.000513	0.0104	0.00942	0.00000514	8.59	0.00000818	0.000111	0.00011
2046 Oct	118	0.0182	0.0386	0.00194	17.3	0.0294	8.47	0.00101	0.00101	0.00000512	0.0035	0.000513	0.0104	0.00941	0.00000513	8.58	0.00000817	0.000111	0.000109
2046 Nov	118	0.0182	0.0386	0.00194	17.3	0.0294	8.47	0.00101	0.00101	0.00000512	0.0035	0.000513	0.0104	0.00941	0.00000513	8.58	0.00000818	0.000111	0.000109
2046 Dec	118	0.0182	0.0386	0.00194	17.3	0.0294	8.47	0.00101	0.00101	0.00000512	0.0035	0.000513	0.0104	0.00941	0.00000513	8.58	0.00000818	0.000111	0.000109
2047 Jan	118	0.0182	0.0386	0.00194	17.3	0.0294	8.47	0.00101	0.00101	0.00000512	0.0035	0.000513	0.0104	0.00941	0.00000513	8.58	0.00000818	0.000111	0.000109
2047 Feb	118	0.0182	0.0386	0.00194	17.3	0.0294	8.47	0.00101	0.00101	0.00000512	0.0035	0.000513	0.0104	0.00941	0.00000513	8.58	0.00000818	0.000111	0.000109
2047 Mar	118	0.0182	0.0386	0.00194	17.3	0.0295	8.48	0.00101	0.00101	0.00000513	0.00351	0.000513	0.0104	0.00941	0.00000513	8.59	0.00000818	0.000111	0.000109
2047 Apr	118	0.0182	0.0386	0.00194	17.3	0.0295	8.48	0.00101	0.00101	0.00000513	0.00351	0.000513	0.0104	0.00942	0.00000514	8.59	0.00000818	0.000111	0.00011
2047 May	118	0.0182	0.0386	0.00194	17.4	0.0295	8.48	0.00101	0.00101	0.00000513	0.00351	0.000515	0.0104	0.00945	0.00000514	8.62	0.0000082	0.000112	0.00011
2047 Jun	117	0.0184	0.0383	0.00193	17.3	0.0293	8.42	0.00101	0.00101	0.00000511	0.00353	0.00052	0.0104	0.00957	0.00000512	8.71	0.00000827	0.000113	0.000112
2047 Jul	118	0.0185	0.0385	0.00194	17.4	0.0295	8.47	0.00101	0.00101	0.00000514	0.00355	0.000523	0.0104	0.00963	0.00000515	8.76	0.00000833	0.000114	0.000113
2047 Aug	118	0.0186	0.0387	0.00195	17.5	0.0296	8.51	0.00102	0.00102	0.00000517	0.00357	0.000526	0.0105	0.00969	0.00000518	8.81	0.00000837	0.000114	0.000113
2047 Sep	118	0.0187	0.0387	0.00194	17.4	0.0296	8.5	0.00102	0.00102	0.00000516	0.00357	0.000527	0.0105	0.00969	0.00000517	8.81	0.00000837	0.000114	0.000113
2047 Oct	118	0.0187	0.0386	0.00194	17.4	0.0296	8.49	0.00102	0.00102	0.00000516	0.00357	0.000526	0.0105	0.00968	0.00000517	8.8	0.00000836	0.000114	0.000113
2047 Nov	118	0.0188	0.0385	0.00194	17.4	0.0296	8.48	0.00101	0.00101	0.00000516	0.00357	0.000526	0.0105	0.00968	0.00000516	8.8	0.00000836	0.000114	0.000113
2047 Dec	118	0.0188	0.0385	0.00194	17.4	0.0296	8.48	0.00102	0.00102	0.00000516	0.00357	0.000526	0.0105	0.00968	0.00000517	8.8	0.00000836	0.000114	0.000113
2048 Jan	118	0.0188	0.0385	0.00194	17.4	0.0296	8.48	0.00102	0.00102	0.00000516	0.00357	0.000527	0.0105	0.00968	0.00000517	8.8	0.00000836	0.000114	0.000113
2048 Feb	118	0.0188	0.0385	0.00194	17.4	0.0296	8.48	0.00102	0.00102	0.00000516	0.00357	0.000527	0.0105	0.00968	0.00000517	8.8	0.00000836	0.000114	0.000113
2048 Mar	118	0.0188	0.0385	0.00194	17.4	0.0296	8.48	0.00102	0.00102	0.00000516	0.00357	0.000527	0.0105	0.00968	0.00000517	8.8	0.00000837	0.000114	0.000113
2048 Apr	118	0.0188	0.0386	0.00194	17.4	0.0296	8.49	0.00102	0.00102	0.00000516	0.00357	0.000527	0.0105	0.00968	0.00000517	8.81	0.00000837	0.000114	0.000113
2048 May	118	0.0188	0.0386	0.00194	17.5	0.0297	8.5	0.00102	0.00102	0.00000517	0.00358	0.000528	0.0105	0.0097	0.00000518	8.82	0.00000838	0.000115	0.000113
2048 Jun	117	0.0187	0.0382	0.00193	17.3	0.0295	8.42	0.00101	0.00101	0.00000514	0.00359	0.000529	0.0104	0.00969	0.00000515	8.81	0.00000845	0.000115	0.000113
2048 Jul	116	0.0187	0.038	0.00192	17.2	0.0294	8.36	0.00101	0.00101	0.00000513	0.00361	0.000531	0.0104	0.0097	0.00000514	8.81	0.00000852	0.000115	0.000113
2048 Aug	117	0.0187	0.038	0.00192	17.2	0.0295	8.38	0.00101	0.00101	0.00000515	0.00362	0.000533	0.0105	0.00973	0.00000516	8.84	0.00000854	0.000116	0.000113
2048 Sep	117	0.0188	0.038	0.00192	17.2	0.0295	8.37	0.00101	0.00101	0.00000515	0.00363	0.000533	0.0105	0.00974	0.00000515	8.84	0.00000854	0.000116	0.000113
2048 Oct	116	0.0188	0.0379	0.00192	17.2	0.0295	8.36	0.00101	0.00101	0.00000514	0.00363	0.000533	0.0104	0.00973	0.00000515	8.84	0.00000853	0.000116	0.000113
2048 Nov	116	0.0189	0.0379	0.00192	17.2	0.0295	8.36	0.00101	0.00101	0.00000514	0.00363	0.000533	0.0104	0.00974	0.00000515	8.84	0.00000854	0.000116	0.000113
2048 Dec	116	0.0189	0.0379	0.00192	17.2	0.0295	8.36	0.00101	0.00101	0.00000514	0.00363	0.000533	0.0104	0.00974	0.00000515	8.84	0.00000854	0.000116	0.000113
2049 Jan	116	0.0189	0.0379	0.00192	17.2	0.0295	8.36	0.00101	0.00101	0.00000514	0.00363	0.000533	0.0104	0.00974	0.00000515	8.84	0.00000854	0.000116	0.000113
2049 Feb	116	0.0189	0.0379	0.00192	17.2	0.0295	8.36	0.00101	0.00101	0.00000514	0.00363	0.000533	0.0104	0.00974	0.00000515	8.84	0.00000854	0.000116	0.000113
2049 Mar	116	0.0189	0.0379	0.00192	17.2	0.0295	8.37	0.00101	0.00101	0.00000514	0.00363	0.000533	0.0104	0.00974	0.00000515	8.85	0.00000854	0.000116	0.000113
2049 Apr	116	0.0189	0.0379	0.00192	17.2	0.0295	8.37	0.00101	0.00101	0.00000514	0.00363	0.000534	0.0105	0.00974	0.00000515	8.85	0.00000854	0.000116	0.000113
2049 May	117	0.0189	0.038	0.00192	17.2	0.0295	8.38	0.00101	0.00101	0.00000515	0.00364	0.000535	0.0105	0.00976	0.00000516	8.87	0.00000856	0.000116	0.000114
2049 Jun	115	0.0188	0.0375	0.00191	17.1	0.0293	8.29	0.00101	0.00101	0.00000513	0.00365	0.000536	0.0104	0.00975	0.00000513	8.85	0.00000863	0.000116	0.000113
2049 Jul	115	0.0188	0.0374	0.0019	17	0.0292	8.26	0.00101	0.00101	0.00000512	0.00366	0.000537	0.0104	0.00976	0.00000513	8.85	0.00000868	0.000117	0.000113
2049 Aug	116	0.0189	0.0376	0.00191	17.1	0.0294	8.31	0.00101	0.00101	0.00000515	0.00369	0.000541	0.0105	0.00982	0.00000516	8.91	0.00000873	0.000117	0.000114
2049 Sep	115	0.019	0.0375	0.00191	17.1	0.0294	8.3	0.00101	0.00101	0.00000515	0.00369	0.000541	0.0105	0.00982	0.00000516	8.91	0.00000873	0.000117	0.000114

Appendix D.3-1: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2049 Oct	115	0.019	0.0375	0.00191	17.1	0.0294	8.29	0.00101	0.00101	0.00000514	0.00369	0.000541	0.0105	0.00982	0.00000515	8.91	0.00000873	0.000117	0.000114
2049 Nov	115	0.0191	0.0375	0.00191	17.1	0.0294	8.29	0.00101	0.00101	0.00000514	0.00369	0.000541	0.0105	0.00982	0.00000515	8.91	0.00000873	0.000117	0.000114
2049 Dec	115	0.0191	0.0375	0.00191	17.1	0.0294	8.29	0.00101	0.00101	0.00000514	0.00369	0.000541	0.0105	0.00982	0.00000515	8.91	0.00000873	0.000117	0.000114
2050 Jan	115	0.0191	0.0375	0.00191	17.1	0.0294	8.29	0.00101	0.00101	0.00000514	0.00369	0.000541	0.0105	0.00982	0.00000515	8.91	0.00000873	0.000117	0.000114
2050 Feb	115	0.0191	0.0375	0.00191	17.1	0.0294	8.29	0.00101	0.00101	0.00000514	0.00369	0.000541	0.0105	0.00982	0.00000515	8.91	0.00000873	0.000117	0.000114
2050 Mar	115	0.0191	0.0375	0.00191	17.1	0.0294	8.29	0.00101	0.00101	0.00000514	0.00369	0.000541	0.0105	0.00982	0.00000515	8.91	0.00000873	0.000117	0.000114
2050 Apr	115	0.0191	0.0375	0.00191	17.1	0.0294	8.29	0.00101	0.00101	0.00000515	0.00369	0.000541	0.0105	0.00983	0.00000516	8.91	0.00000873	0.000117	0.000114
2050 May	116	0.0191	0.0375	0.00191	17.1	0.0295	8.3	0.00102	0.00102	0.00000515	0.0037	0.000542	0.0105	0.00984	0.00000516	8.93	0.00000875	0.000118	0.000114
2050 Jun	115	0.0191	0.0372	0.0019	17	0.0293	8.24	0.00101	0.00101	0.00000514	0.00371	0.000544	0.0104	0.00986	0.00000515	8.94	0.00000881	0.000118	0.000114
2050 Jul	114	0.019	0.037	0.00189	16.9	0.0292	8.19	0.00101	0.00101	0.00000512	0.00372	0.000544	0.0104	0.00985	0.00000513	8.92	0.00000883	0.000118	0.000114
2050 Aug	114	0.0191	0.0371	0.0019	17	0.0294	8.22	0.00101	0.00101	0.00000514	0.00373	0.000547	0.0104	0.00989	0.00000515	8.96	0.00000887	0.000119	0.000114
2050 Sep	114	0.0191	0.0371	0.0019	17	0.0294	8.22	0.00101	0.00101	0.00000515	0.00374	0.000547	0.0105	0.0099	0.00000516	8.97	0.00000887	0.000119	0.000115
2050 Oct	115	0.0192	0.0372	0.0019	17	0.0294	8.23	0.00101	0.00101	0.00000515	0.00374	0.000548	0.0105	0.00991	0.00000516	8.98	0.00000888	0.000119	0.000115
2050 Nov	115	0.0192	0.0372	0.0019	17	0.0294	8.23	0.00102	0.00102	0.00000515	0.00374	0.000548	0.0105	0.00991	0.00000516	8.98	0.00000888	0.000119	0.000115
2050 Dec	115	0.0192	0.0372	0.0019	17	0.0294	8.24	0.00102	0.00102	0.00000515	0.00374	0.000548	0.0105	0.00991	0.00000516	8.98	0.00000888	0.000119	0.000115
2051 Jan	115	0.0192	0.0372	0.0019	17	0.0294	8.24	0.00102	0.00102	0.00000515	0.00374	0.000548	0.0105	0.00991	0.00000516	8.98	0.00000888	0.000119	0.000115
2051 Feb	115	0.0192	0.0372	0.0019	17	0.0294	8.24	0.00102	0.00102	0.00000515	0.00374	0.000548	0.0105	0.00991	0.00000516	8.98	0.00000888	0.000119	0.000115
2051 Mar	115	0.0192	0.0372	0.0019	17	0.0294	8.24	0.00102	0.00102	0.00000515	0.00374	0.000548	0.0105	0.00991	0.00000516	8.98	0.00000889	0.000119	0.000115
2051 Apr	115	0.0192	0.0372	0.0019	17	0.0294	8.24	0.00102	0.00102	0.00000516	0.00375	0.000549	0.0105	0.00992	0.00000516	8.99	0.00000889	0.000119	0.000115
2051 May	115	0.0192	0.0372	0.0019	17	0.0295	8.25	0.00102	0.00102	0.00000516	0.00375	0.00055	0.0105	0.00994	0.00000517	9.01	0.00000891	0.000119	0.000115
2051 Jun	113	0.0192	0.0367	0.00188	16.8	0.0292	8.14	0.00101	0.00101	0.00000512	0.00376	0.000553	0.0104	0.01	0.00000513	9.04	0.00000899	0.00012	0.000116
2051 Jul	113	0.0192	0.0366	0.00188	16.8	0.0292	8.13	0.00101	0.00101	0.00000513	0.00378	0.000555	0.0104	0.01	0.00000514	9.06	0.00000904	0.000121	0.000116
2051 Aug	113	0.0193	0.0366	0.00188	16.9	0.0292	8.14	0.00101	0.00101	0.00000514	0.00379	0.000557	0.0104	0.01	0.00000515	9.08	0.00000905	0.000121	0.000117
2051 Sep	113	0.0194	0.0366	0.00188	16.8	0.0292	8.12	0.00101	0.00101	0.00000513	0.00379	0.000557	0.0104	0.01	0.00000514	9.08	0.00000904	0.000121	0.000116
2051 Oct	112	0.0195	0.0363	0.00186	16.7	0.0291	8.08	0.00101	0.00101	0.00000511	0.00379	0.000556	0.0104	0.01	0.00000512	9.06	0.00000902	0.000121	0.000116
2051 Nov	112	0.0195	0.0363	0.00186	16.7	0.0291	8.07	0.00101	0.00101	0.00000511	0.00379	0.000556	0.0104	0.01	0.00000512	9.06	0.00000903	0.000121	0.000116
2051 Dec	112	0.0195	0.0363	0.00186	16.7	0.0291	8.07	0.00101	0.00101	0.00000511	0.00379	0.000556	0.0104	0.01	0.00000512	9.06	0.00000903	0.000121	0.000116
2052 Jan	112	0.0195	0.0363	0.00186	16.7	0.0291	8.07	0.00101	0.00101	0.00000511	0.00379	0.000556	0.0104	0.01	0.00000512	9.06	0.00000903	0.000121	0.000116
2052 Feb	112	0.0195	0.0363	0.00186	16.7	0.0291	8.07	0.00101	0.00101	0.00000511	0.00379	0.000556	0.0104	0.01	0.00000512	9.06	0.00000903	0.000121	0.000116
2052 Mar	112	0.0195	0.0363	0.00186	16.7	0.0291	8.08	0.00101	0.00101	0.00000511	0.00379	0.000556	0.0104	0.01	0.00000512	9.06	0.00000903	0.000121	0.000116
2052 Apr	112	0.0195	0.0363	0.00186	16.7	0.0291	8.08	0.00101	0.00101	0.00000511	0.00379	0.000557	0.0104	0.01	0.00000512	9.07	0.00000903	0.000121	0.000116
2052 May	112	0.0196	0.0363	0.00187	16.8	0.0292	8.09	0.00101	0.00101	0.00000512	0.0038	0.000558	0.0104	0.0101	0.00000512	9.09	0.00000905	0.000121	0.000117
2052 Jun	112	0.0197	0.0362	0.00186	16.7	0.0291	8.06	0.00101	0.00101	0.00000511	0.00381	0.000562	0.0104	0.0102	0.00000512	9.16	0.0000091	0.000122	0.000118
2052 Jul	112	0.0198	0.0362	0.00186	16.8	0.0292	8.08	0.00101	0.00101	0.00000512	0.00382	0.000564	0.0104	0.0102	0.00000513	9.19	0.00000913	0.000123	0.000118
2052 Aug	113	0.0198	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.00000514	0.00383	0.000566	0.0104	0.0102	0.00000515	9.22	0.00000915	0.000123	0.000119
2052 Sep	112	0.0199	0.0363	0.00187	16.8	0.0293	8.09	0.00101	0.00101	0.00000514	0.00384	0.000567	0.0104	0.0102	0.00000515	9.22	0.00000916	0.000123	0.000119
2052 Oct	112	0.0199	0.0363	0.00187	16.8	0.0293	8.09	0.00101	0.00101	0.00000514	0.00384	0.000567	0.0104	0.0102	0.00000515	9.23	0.00000916	0.000123	0.000119
2052 Nov	113	0.0199	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.00000514	0.00384	0.000567	0.0104	0.0102	0.00000515	9.23	0.00000916	0.000123	0.000119
2052 Dec	113	0.0199	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.00000514	0.00384	0.000567	0.0104	0.0102	0.00000515	9.23	0.00000916	0.000123	0.000119
2053 Jan	113	0.0199	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.00000514	0.00384	0.000567	0.0104	0.0102	0.00000515	9.23	0.00000916	0.000123	0.000119
2053 Feb	113	0.0199	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.00000514	0.00384	0.000567	0.0104	0.0102	0.00000515	9.23	0.00000916	0.000123	0.000119
2053 Mar	113	0.0199	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.00000514	0.00384	0.000568	0.0104	0.0102	0.00000515	9.23	0.00000917	0.000123	0.000119
2053 Apr	113	0.02	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.00000514	0.00384	0.000568	0.0104	0.0102	0.00000515	9.24	0.00000917	0.000123	0.000119
2053 May	113	0.0201	0.0363	0.00187	16.8	0.0293	8.11	0.00101	0.00101	0.00000515	0.00385	0.000571	0.0104	0.0103	0.00000516	9.29	0.0000092	0.000124	0.00012
2053 Jun	112	0.0202	0.0359	0.00185	16.7	0.0291	8.03	0.00101	0.00101	0.00000511	0.00386	0.000575	0.0104	0.0104	0.00000512	9.37	0.00000925	0.000125	0.000122
2053 Jul	112	0.0203	0.036	0.00186	16.8	0.0292	8.05	0.00101	0.00101	0.00000513	0.00388	0.000578	0.0104	0.0105	0.00000514	9.4	0.0000093	0.000126	0.000122
2053 Aug	112	0.0204	0.0362	0.00187	16.9	0.0293	8.09	0.00102	0.00102	0.00000516	0.0039	0.000581	0.0105	0.0105	0.00000517	9.46	0.00000934	0.000126	0.000123
2053 Sep	113	0.0205	0.0363	0.00187	16.9	0.0295	8.12	0.00102	0.00102	0.00000518	0.00391	0.000583	0.0105	0.0106	0.00000519	9.49	0.00000938	0.000127	0.000123
2053 Oct	113	0.0205	0.0363	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.00000518	0.00391	0.000584	0.0105	0.0106	0.00000519	9.5	0.00000938	0.000127	0.000123
2053 Nov	113	0.0205	0.0363	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.00000518	0.00391	0.000584	0.0105	0.0106	0.00000519	9.5	0.00000939	0.000127	0.000123
2053 Dec	113	0.0205	0.0363	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.00000518	0.00391	0.000584	0.0105	0.0106	0.00000519	9.5	0.00000939	0.000127	0.000123
2054 Jan	113	0.0205	0.0363	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.00000518	0.00391	0.000584	0.0105	0.0106	0.00000519	9.5	0.00000939	0.000127	0.000123
2054 Feb	113	0.0205	0.0363	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.00000518	0.00391	0.000584	0.0105	0.0106	0.00000519	9.5	0.00000939	0.000127	0.000123
2054 Mar	113	0.0205	0.0363	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.00000518	0.00392	0.000584	0.0105	0.0106	0.00000519	9.5	0.00000939	0.000127	0.000123
2054 Apr	113	0.0205	0.0363	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.00000519	0.00392	0.000584	0.0105	0.0106	0.00000519	9.5	0.00000939	0.000127	0.000124
2054 May	113	0.0206	0.0364	0.00188	17	0.0295	8.14	0.00102	0.00102	0.00000519	0.00392	0.000585	0.0105	0.0106	0.0000052	9.53	0.00000941	0.000127	0.000124
2054 Jun	112	0.0206	0.036	0.00186	16.9	0.0293	8.07	0.00102	0.00102	0.00000516	0.00392	0.000587	0.0105	0.0107	0.00000517	9.56	0.00000944	0.000128	0.000125
2054 Jul	112	0.0206	0.036	0.00186	16.8	0.0293	8.06	0.00102	0.00102	0.00000516	0.00393	0.000588	0.0105	0.0107	0.00000517	9.57	0.00000946	0.000128	0.000125
2054 Aug	112	0.0206	0.036	0.00186	16.8	0.0293	8.07	0.00102	0.00102	0.00000517	0.00394	0.00059	0.0105	0.0107	0.00000518	9.59	0.00000947	0.000128	0.000125
2054 Sep	112	0.0207	0.036	0.00186	16.8	0.0294	8.07	0.00102	0.00102	0.00000517	0.00394	0.000591	0.0105	0.0107	0.00000518	9.6	0.00000947	0.000129	0.000125
2054 Oct	112	0.0207	0.0359	0.00186	16.8	0.0294	8.06	0.00102	0.00102	0.00000517	0.00394	0.00059	0.0105	0.0107	0.00000518	9.59	0.00000947	0.000128	0.000125
2054 Nov	112	0.0208	0.0359	0.00186	16.8	0.0294	8.06	0.00102	0.00102	0.00000517	0.00394	0.00059	0.0105	0.0107	0.00000517	9.59	0.00000947	0.000128	0.000125
2054 Dec	112	0.0208	0.0359	0.00186	16.8	0.0294	8.06	0.00102	0.00102	0.00000517	0.00394	0.000591	0.0105	0.0107	0.00000517	9.59	0.00000947	0.000128	0.000125
2055 Jan	112	0.0208	0.0359	0.00186	16.8	0.0294	8.06	0.00102	0.00102	0.00000517	0.00394	0.000591	0.0105	0.0107	0.00000517	9.59	0.00000947	0.000128	0.000125
2055 Feb	112	0.0208	0.0359	0.00186	16.8	0.0294	8.06	0.00102	0.00102	0.00000517	0.00394	0.000591	0.0105	0.0107	0.00000517	9.59	0.00000947	0.000128	0.000125
2055 Mar	112	0.0208	0.0359	0.00186	16.8	0.0294	8.06	0.00102	0.00102	0.00000517	0.00394	0.000591	0.0105	0.0107	0.00000518	9.59	0.00000947	0.000128	0.000125
2055 Apr	112	0.0208	0.0359	0.00186	16.8	0.0294	8.06	0.00102	0.00102	0.00000517	0.00394	0.000591	0.0105	0.0107	0.00000518	9.6	0.00000947	0.000129	0.000125
2055 May	112	0.0208	0.036	0.00186	16.9	0.0294	8.07	0.00102	0.00102	0.00000518	0.00395	0.000592	0.0105	0.0107	0.00000518	9.61	0.00000949	0.000129	0.000125
2055 Jun	111	0.0207	0.0356	0.00184	16.7	0.0292	7.98	0.00102	0.00102	0.00000515	0.00396	0.000592	0.0104	0.0107	0.00000516	9.59	0.00000956	0.000129	0.000125
2055 Jul	111	0.0207	0.0355	0.00184	16.7	0.0292	7.97	0.00102	0.00102	0.00000515	0.00398	0.000595	0.0104	0.0107	0.00000516	9.61	0.00000961	0.000129	0.000125
2055 Aug	111	0.0208	0.0356	0.00185	16.7	0.0293	8	0.00102	0.00102	0.00000517	0.004	0.000597	0.0105	0.0108	0.00000518	9.65	0.00000965	0.00013	0.000126
2055 Sep	111	0.0208	0.0356	0.00185	16.7	0.0293	8	0.00102	0.00102	0.00000518	0.004	0.000598	0.0105	0.0108	0.00000518	9.66	0.00000965	0.00013	0.000126
2055 Oct	111	0.0209	0.0356	0.00185	16.7	0.0294	8	0.00102	0.00102	0.00000518	0.004	0.000598	0.0105	0.0108	0.00000519	9.67	0.00000966	0.00013	0.000126
2055 Nov	111	0.0209	0.0356	0.00185	16.7	0.0294	8	0.00102	0.00102	0.00000518	0.00401	0.000599	0.0105	0.0108	0.00000519	9.67	0.00000966	0.00013	0.000126
2055 Dec	111	0.0209	0.0356	0.00185	16.7	0.0294	8	0.00102	0.00102	0.00000518	0.00401	0.000599	0.0105	0.0108	0.00000519	9.67	0.00000966	0.00013	0.000126
2056 Jan	111	0.0209	0.0356	0.00185	16.7	0.0294	8	0.00102	0.00102	0.00000518	0.00401	0.000599	0.0105	0.0108	0.00000519	9.67	0.00000966	0.00013	0.000126
2056 Feb	111	0.0209	0.0356	0.00185	16.7	0.0294	8	0.00102	0.00102	0.00000518	0.00401	0.000599	0.0105	0.0108	0.00000519	9.67	0.00000966	0.00013	0.000126

Appendix D.3-1: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2056 Mar	111	0.0209	0.0356	0.00185	16.7	0.0294	8	0.00102	0.00102	0.00000518	0.00401	0.000599	0.0105	0.0108	0.00000519	9.67	0.00000966	0.00013	0.000126
2056 Apr	111	0.0209	0.0356	0.00185	16.8	0.0294	8.01	0.00102	0.00102	0.00000518	0.00401	0.000599	0.0105	0.0108	0.00000519	9.67	0.00000967	0.00013	0.000126
2056 May	111	0.021	0.0356	0.00185	16.8	0.0294	8.01	0.00102	0.00102	0.00000519	0.00402	0.000601	0.0105	0.0108	0.0000052	9.72	0.00000969	0.000131	0.000127
2056 Jun	110	0.0211	0.0353	0.00183	16.7	0.0292	7.95	0.00102	0.00102	0.00000516	0.00402	0.000605	0.0104	0.0109	0.00000517	9.79	0.00000973	0.000132	0.000129
2056 Jul	111	0.0212	0.0354	0.00184	16.8	0.0293	7.98	0.00102	0.00102	0.00000518	0.00404	0.000608	0.0105	0.011	0.00000519	9.84	0.00000978	0.000133	0.000129
2056 Aug	111	0.0212	0.0355	0.00185	16.8	0.0294	8	0.00103	0.00103	0.0000052	0.00405	0.00061	0.0105	0.011	0.00000521	9.87	0.0000098	0.000133	0.00013
2056 Sep	111	0.0213	0.0356	0.00185	16.8	0.0295	8.02	0.00103	0.00103	0.00000521	0.00406	0.000612	0.0106	0.0111	0.00000522	9.89	0.00000983	0.000133	0.00013
2056 Oct	111	0.0214	0.0355	0.00185	16.8	0.0295	8.01	0.00103	0.00103	0.0000052	0.00406	0.000612	0.0105	0.0111	0.00000521	9.89	0.00000982	0.000133	0.00013
2056 Nov	111	0.0214	0.0355	0.00185	16.8	0.0295	8.01	0.00103	0.00103	0.0000052	0.00406	0.000612	0.0105	0.0111	0.00000521	9.89	0.00000982	0.000133	0.00013
2056 Dec	111	0.0214	0.0355	0.00185	16.8	0.0295	8.01	0.00103	0.00103	0.0000052	0.00406	0.000612	0.0105	0.0111	0.00000521	9.89	0.00000982	0.000133	0.00013
2057 Jan	111	0.0214	0.0355	0.00185	16.8	0.0295	8.01	0.00103	0.00103	0.0000052	0.00406	0.000612	0.0105	0.0111	0.00000521	9.89	0.00000982	0.000133	0.00013
2057 Feb	111	0.0214	0.0355	0.00185	16.8	0.0295	8.01	0.00103	0.00103	0.0000052	0.00406	0.000612	0.0105	0.0111	0.00000521	9.89	0.00000982	0.000133	0.00013
2057 Mar	111	0.0214	0.0355	0.00185	16.8	0.0295	8.01	0.00103	0.00103	0.00000521	0.00406	0.000612	0.0105	0.0111	0.00000521	9.89	0.00000982	0.000133	0.00013
2057 Apr	111	0.0214	0.0355	0.00185	16.8	0.0295	8.01	0.00103	0.00103	0.00000521	0.00406	0.000612	0.0105	0.0111	0.00000522	9.89	0.00000983	0.000133	0.00013
2057 May	111	0.0215	0.0356	0.00185	16.9	0.0295	8.03	0.00103	0.00103	0.00000522	0.00407	0.000614	0.0106	0.0111	0.00000523	9.92	0.00000985	0.000134	0.00013
2057 Jun	110	0.0215	0.0352	0.00183	16.7	0.0293	7.95	0.00102	0.00102	0.00000519	0.00408	0.000616	0.0105	0.0111	0.00000519	9.95	0.0000099	0.000134	0.000131
2057 Jul	110	0.0215	0.0353	0.00184	16.7	0.0294	7.96	0.00103	0.00103	0.0000052	0.00409	0.000618	0.0105	0.0112	0.00000521	9.98	0.00000994	0.000135	0.000132
2057 Aug	111	0.0217	0.0355	0.00185	16.9	0.0296	8.02	0.00103	0.00103	0.00000524	0.00412	0.000623	0.0106	0.0113	0.00000525	10.1	0.00001	0.000136	0.000133
2057 Sep	112	0.0217	0.0356	0.00186	16.9	0.0297	8.04	0.00104	0.00104	0.00000525	0.00413	0.000625	0.0106	0.0113	0.00000526	10.1	0.00001	0.000136	0.000133
2057 Oct	111	0.0218	0.0356	0.00185	16.9	0.0297	8.03	0.00104	0.00104	0.00000525	0.00413	0.000625	0.0106	0.0113	0.00000526	10.1	0.00001	0.000136	0.000133
2057 Nov	111	0.0218	0.0356	0.00185	16.9	0.0297	8.03	0.00104	0.00104	0.00000525	0.00413	0.000625	0.0106	0.0113	0.00000526	10.1	0.00001	0.000136	0.000133
2057 Dec	111	0.0218	0.0356	0.00185	16.9	0.0297	8.04	0.00104	0.00104	0.00000525	0.00413	0.000625	0.0106	0.0113	0.00000526	10.1	0.00001	0.000136	0.000133
2058 Jan	111	0.0218	0.0356	0.00185	16.9	0.0297	8.04	0.00104	0.00104	0.00000525	0.00413	0.000625	0.0106	0.0113	0.00000526	10.1	0.00001	0.000136	0.000133
2058 Feb	111	0.0218	0.0356	0.00185	16.9	0.0297	8.04	0.00104	0.00104	0.00000525	0.00413	0.000625	0.0106	0.0113	0.00000526	10.1	0.00001	0.000136	0.000133
2058 Mar	111	0.0218	0.0356	0.00185	16.9	0.0297	8.04	0.00104	0.00104	0.00000525	0.00414	0.000625	0.0106	0.0113	0.00000526	10.1	0.00001	0.000136	0.000133
2058 Apr	112	0.0218	0.0356	0.00186	16.9	0.0297	8.04	0.00104	0.00104	0.00000525	0.00414	0.000625	0.0106	0.0113	0.00000526	10.1	0.00001	0.000136	0.000133
2058 May	112	0.0219	0.0356	0.00186	16.9	0.0297	8.04	0.00104	0.00104	0.00000526	0.00415	0.000628	0.0106	0.0114	0.00000526	10.1	0.0000101	0.000137	0.000134
2058 Jun	110	0.022	0.035	0.00183	16.8	0.0293	7.94	0.00103	0.00103	0.0000052	0.00414	0.000632	0.0105	0.0115	0.00000521	10.2	0.0000101	0.000138	0.000137
2058 Jul	110	0.0221	0.0351	0.00183	16.8	0.0294	7.96	0.00103	0.00103	0.00000522	0.00416	0.000635	0.0105	0.0115	0.00000523	10.3	0.0000102	0.000139	0.000137
2058 Aug	111	0.0222	0.0353	0.00184	16.9	0.0295	7.99	0.00103	0.00103	0.00000524	0.00417	0.000638	0.0106	0.0116	0.00000525	10.3	0.0000102	0.00014	0.000138
2058 Sep	111	0.0223	0.0352	0.00184	16.9	0.0296	7.99	0.00103	0.00103	0.00000524	0.00418	0.000639	0.0106	0.0116	0.00000525	10.3	0.0000102	0.00014	0.000138
2058 Oct	111	0.0223	0.0352	0.00184	16.9	0.0296	7.99	0.00103	0.00103	0.00000524	0.00418	0.000639	0.0106	0.0116	0.00000525	10.3	0.0000102	0.00014	0.000138
2058 Nov	111	0.0223	0.0352	0.00184	16.9	0.0296	7.99	0.00103	0.00103	0.00000524	0.00418	0.000639	0.0106	0.0116	0.00000525	10.3	0.0000102	0.00014	0.000138
2058 Dec	111	0.0223	0.0352	0.00184	16.9	0.0296	7.99	0.00103	0.00103	0.00000524	0.00418	0.000639	0.0106	0.0116	0.00000525	10.3	0.0000102	0.00014	0.000138
2059 Jan	111	0.0223	0.0352	0.00184	16.9	0.0296	7.99	0.00103	0.00103	0.00000524	0.00418	0.000639	0.0106	0.0116	0.00000525	10.3	0.0000102	0.00014	0.000138
2059 Feb	111	0.0223	0.0352	0.00184	16.9	0.0296	7.99	0.00103	0.00103	0.00000524	0.00418	0.000639	0.0106	0.0116	0.00000525	10.3	0.0000102	0.00014	0.000138
2059 Mar	111	0.0223	0.0352	0.00184	16.9	0.0296	7.99	0.00103	0.00103	0.00000524	0.00418	0.000639	0.0106	0.0116	0.00000525	10.3	0.0000102	0.00014	0.000138
2059 Apr	111	0.0223	0.0352	0.00184	16.9	0.0296	7.99	0.00104	0.00104	0.00000525	0.00418	0.000639	0.0106	0.0116	0.00000525	10.3	0.0000102	0.00014	0.000138
2059 May	111	0.0224	0.0353	0.00184	16.9	0.0296	8	0.00104	0.00104	0.00000525	0.00419	0.000641	0.0106	0.0116	0.00000526	10.4	0.0000102	0.00014	0.000139
2059 Jun	111	0.0226	0.0352	0.00184	16.9	0.0295	7.98	0.00104	0.00104	0.00000525	0.0042	0.000645	0.0106	0.0117	0.00000525	10.4	0.0000103	0.000141	0.00014
2059 Jul	111	0.0227	0.0354	0.00185	17	0.0297	8.04	0.00104	0.00104	0.00000528	0.00423	0.00065	0.0107	0.0118	0.00000529	10.5	0.0000104	0.000142	0.000141
2059 Aug	112	0.0228	0.0356	0.00186	17.1	0.0299	8.08	0.00105	0.00105	0.00000531	0.00426	0.000654	0.0107	0.0119	0.00000532	10.6	0.0000104	0.000143	0.000142
2059 Sep	112	0.0229	0.0356	0.00186	17.1	0.03	8.09	0.00105	0.00105	0.00000532	0.00426	0.000655	0.0107	0.0119	0.00000533	10.6	0.0000104	0.000143	0.000142
2059 Oct	111	0.023	0.0354	0.00185	17	0.0298	8.05	0.00104	0.00104	0.00000529	0.00425	0.000653	0.0107	0.0119	0.0000053	10.5	0.0000104	0.000143	0.000142
2059 Nov	111	0.023	0.0354	0.00185	17	0.0298	8.04	0.00104	0.00104	0.00000529	0.00425	0.000653	0.0107	0.0119	0.0000053	10.5	0.0000104	0.000143	0.000142
2059 Dec	111	0.023	0.0354	0.00185	17	0.0298	8.04	0.00104	0.00104	0.00000529	0.00425	0.000653	0.0107	0.0119	0.0000053	10.5	0.0000104	0.000143	0.000142
2060 Jan	111	0.023	0.0354	0.00185	17	0.0299	8.04	0.00104	0.00104	0.00000529	0.00425	0.000653	0.0107	0.0119	0.0000053	10.5	0.0000104	0.000143	0.000142
2060 Feb	111	0.023	0.0354	0.00185	17	0.0299	8.04	0.00104	0.00104	0.00000529	0.00425	0.000653	0.0107	0.0119	0.0000053	10.5	0.0000104	0.000143	0.000142
2060 Mar	111	0.023	0.0354	0.00185	17	0.0299	8.05	0.00104	0.00104	0.00000529	0.00425	0.000653	0.0107	0.0119	0.0000053	10.5	0.0000104	0.000143	0.000142
2060 Apr	111	0.0231	0.0354	0.00185	17	0.0299	8.05	0.00105	0.00105	0.0000053	0.00426	0.000653	0.0107	0.0119	0.0000053	10.6	0.0000104	0.000143	0.000142
2060 May	111	0.0232	0.0354	0.00185	17.1	0.0299	8.05	0.00105	0.00105	0.0000053	0.00426	0.000656	0.0107	0.012	0.00000531	10.6	0.0000104	0.000144	0.000143
2060 Jun	111	0.0233	0.0351	0.00184	17	0.0297	8	0.00104	0.00104	0.00000527	0.00427	0.000661	0.0106	0.0121	0.00000528	10.7	0.0000105	0.000145	0.000145
2060 Jul	111	0.0235	0.0353	0.00185	17.1	0.0299	8.05	0.00105	0.00105	0.00000531	0.0043	0.000665	0.0107	0.0122	0.00000532	10.8	0.0000105	0.000146	0.000146
2060 Aug	112	0.0236	0.0354	0.00185	17.1	0.0299	8.07	0.00105	0.00105	0.00000532	0.00431	0.000667	0.0107	0.0122	0.00000533	10.8	0.0000106	0.000146	0.000146
2060 Sep	111	0.0236	0.0352	0.00184	17.1	0.0299	8.03	0.00105	0.00105	0.0000053	0.0043	0.000666	0.0107	0.0122	0.00000531	10.8	0.0000105	0.000146	0.000146
2060 Oct	111	0.0236	0.0351	0.00184	17	0.0299	8.02	0.00105	0.00105	0.0000053	0.0043	0.000666	0.0107	0.0122	0.00000531	10.8	0.0000105	0.000146	0.000146
2060 Nov	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00105	0.00105	0.0000053	0.0043	0.000666	0.0107	0.0121	0.0000053	10.8	0.0000105	0.000146	0.000146
2060 Dec	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00105	0.00105	0.0000053	0.0043	0.000666	0.0107	0.0122	0.00000531	10.8	0.0000105	0.000146	0.000146
2061 Jan	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00105	0.00105	0.0000053	0.0043	0.000666	0.0107	0.0122	0.00000531	10.8	0.0000105	0.000146	0.000146
2061 Feb	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00105	0.00105	0.0000053	0.0043	0.000666	0.0107	0.0122	0.00000531	10.8	0.0000105	0.000146	0.000146
2061 Mar	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00105	0.00105	0.0000053	0.0043	0.000666	0.0107	0.0122	0.00000531	10.8	0.0000105	0.000146	0.000146
2061 Apr	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00105	0.00105	0.0000053	0.0043	0.000666	0.0107	0.0122	0.00000531	10.8	0.0000105	0.000146	0.000146
2061 May	111	0.0238	0.0351	0.00184	17.1	0.0299	8.02	0.00105	0.00105	0.0000053	0.00431	0.00067	0.0107	0.0123	0.00000531	10.8	0.0000106	0.000147	0.000147
2061 Jun	110	0.0239	0.0347	0.00182	16.9	0.0296	7.94	0.00104	0.00104	0.00000526	0.00431	0.000673	0.0106	0.0123	0.00000527	10.9	0.0000106	0.000148	0.000149
2061 Jul	110	0.0241	0.0348	0.00183	17	0.0297	7.98	0.00104	0.00104	0.00000529	0.00434	0.000678	0.0107	0.0124	0.0000053	11	0.0000107	0.000149	0.00015
2061 Aug	111	0.0242	0.035	0.00184	17.1	0.0299	8.03	0.00105	0.00105	0.00000532	0.00436	0.000682	0.0107	0.0125	0.00000533	11	0.0000107	0.00015	0.000151
2061 Sep	111	0.0243	0.0351	0.00184	17.1	0.03	8.04	0.00105	0.00105	0.00000533	0.00437	0.000683	0.0108	0.0125	0.00000534	11.1	0.0000107	0.00015	0.000151
2061 Oct	111	0.0243	0.0349	0.00183	17.1	0.0299	8.01	0.00105	0.00105	0.00000531	0.00436	0.000681	0.0107	0.0125	0.00000532	11	0.0000107	0.00015	0.000151
2061 Nov	111	0.0243	0.0349	0.00183	17.1	0.0299	8	0.00105	0.00105	0.00000531	0.00436	0.000681	0.0107	0.0125	0.00000532	11	0.0000107	0.00015	0.000151
2061 Dec	111	0.0243	0.0349	0.00183	17.1	0.0299	8	0.00105	0.00105	0.00000531	0.00436	0.000681	0.0107	0.0125	0.00000532	11	0.0000107	0.00015	0.000151
2062 Jan	111	0.0243	0.0349	0.00183	17.1	0.0299	8	0.00105	0.00105	0.00000531	0.00436	0.000681	0.0107	0.0125	0.00000532	11	0.0000107	0.00015	0.000151
2062 Feb	111	0.0243	0.0349	0.00183	17.1	0.0299	8	0.00105	0.00105	0.00000531	0.00436	0.000681	0.0107	0.0125	0.00000532	11	0.0000107	0.00015	0.000151
2062 Mar	111	0.0243	0.0349	0.00183	17.1	0.0299	8.01	0.00105	0.00105	0.00000531	0.00436	0.000681	0.0107	0.0125	0.00000532	11	0.0000107	0.00015	0.000151
2062 Apr	111	0.0244	0.0349	0.00183	17.1	0.0299	8.01	0.00105	0.00105	0.00000531	0.00436	0.000682	0.0107	0.0125	0.00000532	11	0.0000107	0.00015	0.000151
2062 May	111	0.0244	0.035	0.00184	17.1	0.0299	8.02	0.00105	0.00105	0.00000532	0.00437	0.000683	0.0107	0.0125	0.00000533	11	0.0000107	0.00015	0.000151
2062 Jun	110	0.0243	0.0346	0.00182	17	0.0298	7.95	0.00105	0.00105	0.0000053	0.00437	0.000683	0.0107	0.0125	0.00000531	11	0.0000108	0.00015	0.00015
2062 Jul	110	0.0243	0.0345	0.00182	16.9	0.0297	7.93	0.00105	0.00105	0.0000053	0.00439	0.000684	0.0107	0.0125	0.0000053	11	0.0000108	0.00015	0.000151

Appendix D.3-1: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2062 Aug	110	0.0243	0.0345	0.00182	17	0.0298	7.94	0.00105	0.00105	0.00000531	0.0044	0.000686	0.0107	0.0125	0.00000531	11.1	0.0000108	0.000151	0.000151
2062 Sep	109	0.0244	0.0344	0.00182	16.9	0.0298	7.92	0.00105	0.00105	0.0000053	0.00439	0.000686	0.0107	0.0125	0.00000531	11.1	0.0000108	0.00015	0.000151
2062 Oct	108	0.0245	0.034	0.0018	16.8	0.0296	7.84	0.00104	0.00104	0.00000526	0.00438	0.000683	0.0106	0.0125	0.00000526	11	0.0000108	0.00015	0.00015
2062 Nov	108	0.0246	0.034	0.0018	16.8	0.0296	7.84	0.00104	0.00104	0.00000526	0.00438	0.000683	0.0106	0.0125	0.00000526	11	0.0000108	0.00015	0.00015
2062 Dec	108	0.0246	0.034	0.0018	16.8	0.0296	7.84	0.00104	0.00104	0.00000526	0.00438	0.000683	0.0106	0.0125	0.00000526	11	0.0000108	0.00015	0.00015
2063 Jan	108	0.0246	0.034	0.0018	16.8	0.0296	7.84	0.00104	0.00104	0.00000526	0.00438	0.000683	0.0106	0.0125	0.00000526	11	0.0000108	0.00015	0.00015
2063 Feb	108	0.0246	0.034	0.0018	16.8	0.0296	7.84	0.00104	0.00104	0.00000526	0.00438	0.000683	0.0106	0.0125	0.00000527	11	0.0000108	0.00015	0.00015
2063 Mar	108	0.0246	0.034	0.0018	16.8	0.0296	7.85	0.00104	0.00104	0.00000526	0.00438	0.000683	0.0106	0.0125	0.00000527	11	0.0000108	0.00015	0.00015
2063 Apr	108	0.0246	0.0341	0.0018	16.8	0.0296	7.85	0.00104	0.00104	0.00000526	0.00438	0.000684	0.0106	0.0125	0.00000527	11	0.0000108	0.00015	0.00015
2063 May	108	0.0247	0.0341	0.0018	16.8	0.0296	7.85	0.00104	0.00104	0.00000526	0.00439	0.000686	0.0106	0.0125	0.00000527	11.1	0.0000108	0.00015	0.000151
2063 Jun	107	0.0248	0.0334	0.00177	16.6	0.0292	7.72	0.00103	0.00103	0.0000052	0.00438	0.000689	0.0105	0.0126	0.00000521	11.1	0.0000108	0.000152	0.000153
2063 Jul	106	0.0248	0.0334	0.00177	16.6	0.0292	7.72	0.00103	0.00103	0.0000052	0.00439	0.00069	0.0105	0.0126	0.00000521	11.1	0.0000108	0.000152	0.000153
2063 Aug	107	0.0249	0.0336	0.00178	16.7	0.0293	7.76	0.00103	0.00103	0.00000523	0.00441	0.000695	0.0105	0.0127	0.00000524	11.2	0.0000109	0.000153	0.000154
2063 Sep	107	0.025	0.0336	0.00178	16.7	0.0294	7.76	0.00103	0.00103	0.00000524	0.00442	0.000695	0.0106	0.0127	0.00000524	11.2	0.0000109	0.000153	0.000154
2063 Oct	107	0.025	0.0335	0.00177	16.7	0.0294	7.75	0.00103	0.00103	0.00000523	0.00442	0.000695	0.0105	0.0127	0.00000524	11.2	0.0000109	0.000153	0.000154
2063 Nov	107	0.025	0.0335	0.00177	16.7	0.0294	7.75	0.00103	0.00103	0.00000523	0.00442	0.000695	0.0105	0.0127	0.00000524	11.2	0.0000109	0.000153	0.000154
2063 Dec	107	0.025	0.0335	0.00177	16.7	0.0294	7.75	0.00103	0.00103	0.00000523	0.00442	0.000695	0.0105	0.0127	0.00000524	11.2	0.0000109	0.000153	0.000154
2064 Jan	107	0.025	0.0335	0.00177	16.7	0.0294	7.75	0.00103	0.00103	0.00000523	0.00442	0.000695	0.0105	0.0127	0.00000524	11.2	0.0000109	0.000153	0.000154
2064 Feb	107	0.025	0.0335	0.00177	16.7	0.0294	7.75	0.00103	0.00103	0.00000523	0.00442	0.000695	0.0105	0.0127	0.00000524	11.2	0.0000109	0.000153	0.000154
2064 Mar	107	0.025	0.0335	0.00177	16.7	0.0294	7.75	0.00103	0.00103	0.00000523	0.00442	0.000695	0.0105	0.0127	0.00000524	11.2	0.0000109	0.000153	0.000154
2064 Apr	107	0.025	0.0335	0.00177	16.7	0.0294	7.76	0.00103	0.00103	0.00000523	0.00442	0.000695	0.0106	0.0127	0.00000524	11.2	0.0000109	0.000153	0.000154
2064 May	107	0.0251	0.0335	0.00177	16.7	0.0294	7.75	0.00103	0.00103	0.00000523	0.00443	0.000698	0.0105	0.0128	0.00000524	11.3	0.0000109	0.000154	0.000155
2064 Jun	106	0.0253	0.0331	0.00175	16.6	0.029	7.67	0.00102	0.00102	0.00000519	0.00442	0.000701	0.0104	0.0129	0.00000519	11.3	0.0000109	0.000155	0.000157
2064 Jul	106	0.0254	0.0332	0.00176	16.6	0.0292	7.7	0.00103	0.00103	0.00000521	0.00444	0.000705	0.0105	0.013	0.00000522	11.4	0.000011	0.000155	0.000158
2064 Aug	106	0.0254	0.0332	0.00176	16.6	0.0292	7.72	0.00103	0.00103	0.00000522	0.00445	0.000707	0.0105	0.013	0.00000523	11.4	0.000011	0.000156	0.000158
2064 Sep	106	0.0255	0.0331	0.00176	16.6	0.0292	7.7	0.00103	0.00103	0.00000521	0.00445	0.000706	0.0105	0.013	0.00000522	11.4	0.000011	0.000156	0.000158
2064 Oct	106	0.0255	0.0331	0.00176	16.6	0.0293	7.7	0.00103	0.00103	0.00000522	0.00445	0.000707	0.0105	0.013	0.00000522	11.4	0.000011	0.000156	0.000158
2064 Nov	106	0.0255	0.0332	0.00176	16.6	0.0293	7.71	0.00103	0.00103	0.00000522	0.00445	0.000707	0.0105	0.013	0.00000523	11.4	0.000011	0.000156	0.000158
2064 Dec	106	0.0255	0.0332	0.00176	16.6	0.0293	7.71	0.00103	0.00103	0.00000522	0.00445	0.000707	0.0105	0.013	0.00000523	11.4	0.000011	0.000156	0.000158
2065 Jan	106	0.0255	0.0332	0.00176	16.6	0.0293	7.71	0.00103	0.00103	0.00000522	0.00445	0.000707	0.0105	0.013	0.00000523	11.4	0.000011	0.000156	0.000158
2065 Feb	106	0.0255	0.0332	0.00176	16.6	0.0293	7.71	0.00103	0.00103	0.00000522	0.00445	0.000707	0.0105	0.013	0.00000523	11.4	0.000011	0.000156	0.000158
2065 Mar	106	0.0255	0.0332	0.00176	16.6	0.0293	7.71	0.00103	0.00103	0.00000522	0.00445	0.000707	0.0105	0.013	0.00000523	11.4	0.000011	0.000156	0.000158
2065 Apr	106	0.0255	0.0332	0.00176	16.6	0.0293	7.71	0.00103	0.00103	0.00000522	0.00446	0.000708	0.0105	0.013	0.00000523	11.4	0.000011	0.000156	0.000158
2065 May	106	0.0256	0.0332	0.00176	16.7	0.0293	7.72	0.00103	0.00103	0.00000523	0.00446	0.00071	0.0105	0.0131	0.00000524	11.5	0.0000111	0.000156	0.000159
2065 Jun	105	0.0257	0.0329	0.00175	16.6	0.0291	7.66	0.00103	0.00103	0.0000052	0.00446	0.000712	0.0105	0.0131	0.0000052	11.5	0.0000111	0.000157	0.000161
2065 Jul	106	0.0259	0.0331	0.00176	16.7	0.0293	7.7	0.00103	0.00103	0.00000523	0.00449	0.000717	0.0105	0.0132	0.00000524	11.6	0.0000111	0.000158	0.000162
2065 Aug	107	0.026	0.0332	0.00176	16.8	0.0294	7.74	0.00104	0.00104	0.00000526	0.00451	0.000721	0.0106	0.0133	0.00000526	11.6	0.0000112	0.000159	0.000162
2065 Sep	106	0.026	0.0331	0.00176	16.7	0.0294	7.72	0.00104	0.00104	0.00000524	0.00451	0.00072	0.0106	0.0133	0.00000525	11.6	0.0000112	0.000159	0.000162
2065 Oct	105	0.0262	0.0328	0.00175	16.6	0.0292	7.67	0.00103	0.00103	0.00000521	0.00449	0.000717	0.0105	0.0132	0.00000522	11.6	0.0000111	0.000158	0.000161
2065 Nov	105	0.0262	0.0328	0.00175	16.6	0.0292	7.66	0.00103	0.00103	0.00000521	0.0045	0.000717	0.0105	0.0132	0.00000522	11.6	0.0000111	0.000158	0.000161
2065 Dec	105	0.0262	0.0328	0.00175	16.6	0.0292	7.66	0.00103	0.00103	0.00000521	0.0045	0.000718	0.0105	0.0132	0.00000522	11.6	0.0000111	0.000158	0.000161
2066 Jan	105	0.0262	0.0328	0.00175	16.6	0.0292	7.66	0.00103	0.00103	0.00000521	0.0045	0.000718	0.0105	0.0132	0.00000522	11.6	0.0000111	0.000158	0.000161
2066 Feb	105	0.0262	0.0328	0.00175	16.6	0.0292	7.66	0.00103	0.00103	0.00000521	0.0045	0.000718	0.0105	0.0132	0.00000522	11.6	0.0000111	0.000158	0.000161
2066 Mar	105	0.0262	0.0328	0.00175	16.6	0.0293	7.67	0.00103	0.00103	0.00000521	0.0045	0.000718	0.0105	0.0132	0.00000522	11.6	0.0000111	0.000158	0.000161
2066 Apr	105	0.0262	0.0328	0.00175	16.6	0.0293	7.67	0.00103	0.00103	0.00000521	0.0045	0.000718	0.0105	0.0132	0.00000522	11.6	0.0000111	0.000158	0.000161
2066 May	106	0.0263	0.0329	0.00175	16.6	0.0293	7.68	0.00103	0.00103	0.00000522	0.0045	0.000719	0.0105	0.0132	0.00000523	11.6	0.0000112	0.000158	0.000161
2066 Jun	104	0.0262	0.0324	0.00173	16.5	0.029	7.59	0.00102	0.00102	0.00000518	0.0045	0.00072	0.0104	0.0133	0.00000519	11.6	0.0000112	0.000159	0.000162
2066 Jul	105	0.0264	0.0326	0.00174	16.6	0.0292	7.63	0.00103	0.00103	0.00000522	0.00454	0.000726	0.0105	0.0134	0.00000522	11.7	0.0000113	0.00016	0.000163
2066 Aug	105	0.0265	0.0328	0.00175	16.6	0.0294	7.67	0.00104	0.00104	0.00000524	0.00456	0.00073	0.0106	0.0134	0.00000525	11.8	0.0000113	0.000161	0.000164
2066 Sep	105	0.0266	0.0328	0.00175	16.7	0.0294	7.67	0.00104	0.00104	0.00000525	0.00457	0.00073	0.0106	0.0134	0.00000525	11.8	0.0000113	0.000161	0.000164
2066 Oct	105	0.0267	0.0327	0.00174	16.6	0.0294	7.65	0.00104	0.00104	0.00000524	0.00456	0.000729	0.0105	0.0134	0.00000524	11.7	0.0000113	0.000161	0.000164
2066 Nov	105	0.0267	0.0326	0.00174	16.6	0.0293	7.65	0.00103	0.00103	0.00000524	0.00456	0.000729	0.0105	0.0134	0.00000524	11.7	0.0000113	0.000161	0.000164
2066 Dec	105	0.0267	0.0327	0.00174	16.6	0.0293	7.65	0.00104	0.00104	0.00000524	0.00456	0.000729	0.0105	0.0134	0.00000524	11.7	0.0000113	0.000161	0.000164
2067 Jan	105	0.0267	0.0327	0.00174	16.6	0.0294	7.65	0.00104	0.00104	0.00000524	0.00456	0.000729	0.0105	0.0134	0.00000524	11.7	0.0000113	0.000161	0.000164
2067 Feb	105	0.0267	0.0327	0.00174	16.6	0.0294	7.65	0.00104	0.00104	0.00000524	0.00456	0.000729	0.0105	0.0134	0.00000524	11.7	0.0000113	0.000161	0.000164
2067 Mar	105	0.0267	0.0327	0.00174	16.6	0.0294	7.65	0.00104	0.00104	0.00000524	0.00456	0.00073	0.0105	0.0134	0.00000524	11.7	0.0000113	0.000161	0.000164
2067 Apr	105	0.0267	0.0327	0.00174	16.6	0.0294	7.66	0.00104	0.00104	0.00000524	0.00457	0.00073	0.0106	0.0134	0.00000525	11.8	0.0000113	0.000161	0.000164
2067 May	105	0.0268	0.0327	0.00175	16.7	0.0294	7.67	0.00104	0.00104	0.00000525	0.00458	0.000732	0.0106	0.0135	0.00000525	11.8	0.0000114	0.000161	0.000165
2067 Jun	105	0.0268	0.0325	0.00173	16.6	0.0292	7.62	0.00103	0.00103	0.00000522	0.00457	0.000734	0.0105	0.0135	0.00000523	11.8	0.0000114	0.000162	0.000166
2067 Jul	105	0.027	0.0327	0.00175	16.7	0.0294	7.67	0.00104	0.00104	0.00000526	0.0046	0.000739	0.0106	0.0136	0.00000527	11.9	0.0000115	0.000163	0.000167
2067 Aug	106	0.0271	0.0327	0.00175	16.7	0.0295	7.69	0.00104	0.00104	0.00000527	0.00462	0.000742	0.0106	0.0137	0.00000528	12	0.0000115	0.000164	0.000167
2067 Sep	106	0.0272	0.0328	0.00175	16.8	0.0296	7.7	0.00104	0.00104	0.00000528	0.00462	0.000743	0.0106	0.0137	0.00000529	12	0.0000115	0.000164	0.000168
2067 Oct	105	0.0272	0.0326	0.00175	16.7	0.0295	7.67	0.00104	0.00104	0.00000527	0.00462	0.000742	0.0106	0.0137	0.00000527	11.9	0.0000115	0.000163	0.000167
2067 Nov	105	0.0272	0.0326	0.00175	16.7	0.0295	7.67	0.00104	0.00104	0.00000527	0.00462	0.000742	0.0106	0.0137	0.00000527	11.9	0.0000115	0.000163	0.000167
2067 Dec	105	0.0272	0.0326	0.00175	16.7	0.0295	7.67	0.00104	0.00104	0.00000527	0.00462	0.000742	0.0106	0.0137	0.00000527	11.9	0.0000115	0.000163	0.000167
2068 Jan	105	0.0272	0.0326	0.00175	16.7	0.0295	7.67	0.00104	0.00104	0.00000527	0.00462	0.000742	0.0106	0.0137	0.00000527	11.9	0.0000115	0.000163	0.000167
2068 Feb	105	0.0272	0.0326	0.00175	16.7	0.0295	7.67	0.00104	0.00104	0.00000527	0.00462	0.000742	0.0106	0.0137	0.00000527	11.9	0.0000115	0.000163	0.000167
2068 Mar	105	0.0272	0.0326	0.00175	16.7	0.0295	7.67	0.00104	0.00104	0.00000527	0.00462	0.000742	0.0106	0.0137	0.00000527	12	0.0000115	0.000164	0.000167
2068 Apr	106	0.0273	0.0327	0.00175	16.7	0.0295	7.68	0.00104	0.00104	0.00000527	0.00462	0.000743	0.0106	0.0137	0.00000528	12	0.0000115	0.000164	0.000167
2068 May	106	0.0274	0.0327	0.00175	16.7	0.0296	7.69	0.00104	0.00104	0.00000528	0.00463	0.000745	0.0106	0.0137	0.00000528	12	0.0000115	0.000164	0.000168
2068 Jun	104	0.0274	0.0321	0.00172	16.5	0.0291	7.57	0.00103	0.00103	0.00000521	0.00461	0.000746	0.0105	0.0138	0.00000522	12	0.0000115	0.000165	0.00017
2068 Jul	104	0.0274	0.0321	0.00172	16.6	0.0292	7.58	0.00103	0.00103	0.00000523	0.00463	0.000749	0.0105	0.0138	0.00000523	12.1	0.0000115	0.000165	0.00017
2068 Aug	105	0.0276	0.0323	0.00173	16.7	0.0294	7.63	0.00104	0.00104	0.00000526	0.00465	0.000754	0.0106	0.0139	0.00000527	12.1	0.0000116	0.000166	0.000171
2068 Sep	105	0.0277	0.0323	0.00173	16.7	0.0294	7.63	0.00104	0.00104	0.00000526	0.00466	0.000754	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000166	0.000171
2068 Oct	105	0.0277	0.0323	0.00173	16.7	0.0294	7.63	0.00104	0.00104	0.00000526	0.00466	0.000755	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000171
2068 Nov	105	0.0277	0.0323	0.00173	16.7	0.0294	7.63	0.00104	0.00104	0.00000526	0.00466	0.000755	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000171
2068 Dec	105	0.0277	0.0323	0.00173	16.7	0.0294	7.63	0.00104	0.00104	0.00000526	0.00466	0.000755	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000171

Appendix D.3-1: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2069 Jan	105	0.0277	0.0323	0.00173	16.7	0.0294	7.63	0.00104	0.00104	0.00000526	0.00466	0.000755	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000171
2069 Feb	105	0.0277	0.0323	0.00173	16.7	0.0294	7.63	0.00104	0.00104	0.00000527	0.00467	0.000755	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000171
2069 Mar	105	0.0277	0.0323	0.00173	16.7	0.0294	7.63	0.00104	0.00104	0.00000527	0.00467	0.000755	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000171
2069 Apr	105	0.0278	0.0323	0.00173	16.7	0.0295	7.64	0.00104	0.00104	0.00000527	0.00467	0.000755	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000172
2069 May	105	0.0278	0.0324	0.00174	16.7	0.0295	7.65	0.00104	0.00104	0.00000528	0.00468	0.000757	0.0106	0.014	0.00000528	12.2	0.0000117	0.000167	0.000172
2069 Jun	104	0.0277	0.0321	0.00172	16.6	0.0293	7.59	0.00104	0.00104	0.00000525	0.00468	0.000757	0.0106	0.014	0.00000526	12.2	0.0000117	0.000167	0.000172
2069 Jul	105	0.0278	0.0322	0.00173	16.7	0.0295	7.62	0.00104	0.00104	0.00000528	0.0047	0.000761	0.0106	0.014	0.00000528	12.2	0.0000118	0.000168	0.000173
2069 Aug	105	0.0279	0.0323	0.00174	16.7	0.0296	7.64	0.00105	0.00105	0.0000053	0.00472	0.000764	0.0106	0.0141	0.0000053	12.3	0.0000118	0.000169	0.000173
2069 Sep	104	0.028	0.0322	0.00173	16.7	0.0295	7.62	0.00104	0.00104	0.00000528	0.00471	0.000762	0.0106	0.0141	0.00000529	12.3	0.0000118	0.000168	0.000173
2069 Oct	104	0.0281	0.032	0.00172	16.6	0.0294	7.57	0.00104	0.00104	0.00000526	0.0047	0.00076	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172
2069 Nov	104	0.0281	0.0319	0.00172	16.6	0.0294	7.57	0.00104	0.00104	0.00000525	0.0047	0.00076	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172
2069 Dec	104	0.0281	0.0319	0.00172	16.6	0.0294	7.57	0.00104	0.00104	0.00000526	0.0047	0.00076	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172
2070 Jan	104	0.0281	0.0319	0.00172	16.6	0.0294	7.57	0.00104	0.00104	0.00000526	0.0047	0.00076	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172
2070 Feb	104	0.0281	0.0319	0.00172	16.6	0.0294	7.57	0.00104	0.00104	0.00000526	0.0047	0.00076	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172
2070 Mar	104	0.0281	0.0319	0.00172	16.6	0.0294	7.57	0.00104	0.00104	0.00000526	0.0047	0.00076	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172
2070 Apr	104	0.0281	0.032	0.00172	16.6	0.0294	7.57	0.00104	0.00104	0.00000526	0.00471	0.000761	0.0106	0.014	0.00000527	12.2	0.0000117	0.000168	0.000172
2070 May	104	0.0282	0.032	0.00172	16.6	0.0295	7.58	0.00104	0.00104	0.00000526	0.00472	0.000763	0.0106	0.0141	0.00000527	12.3	0.0000118	0.000168	0.000173
2070 Jun	103	0.0284	0.0318	0.00171	16.6	0.0293	7.54	0.00104	0.00104	0.00000524	0.00472	0.000766	0.0105	0.0142	0.00000525	12.3	0.0000118	0.000169	0.000175
2070 Jul	104	0.0285	0.0319	0.00172	16.6	0.0294	7.58	0.00104	0.00104	0.00000527	0.00474	0.000771	0.0106	0.0142	0.00000528	12.4	0.0000118	0.00017	0.000176
2070 Aug	104	0.0286	0.032	0.00172	16.7	0.0296	7.6	0.00105	0.00105	0.00000529	0.00476	0.000774	0.0106	0.0143	0.0000053	12.4	0.0000119	0.000171	0.000176
2070 Sep	104	0.0287	0.0319	0.00172	16.7	0.0295	7.59	0.00104	0.00104	0.00000528	0.00476	0.000773	0.0106	0.0143	0.00000529	12.4	0.0000119	0.000171	0.000176
2070 Oct	104	0.0287	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00475	0.000772	0.0106	0.0142	0.00000528	12.4	0.0000119	0.00017	0.000175
2070 Nov	104	0.0287	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00475	0.000772	0.0106	0.0142	0.00000528	12.4	0.0000119	0.00017	0.000175
2070 Dec	104	0.0287	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00475	0.000772	0.0106	0.0142	0.00000528	12.4	0.0000119	0.00017	0.000175
2071 Jan	104	0.0287	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00475	0.000772	0.0106	0.0142	0.00000528	12.4	0.0000119	0.00017	0.000175
2071 Feb	104	0.0287	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00475	0.000772	0.0106	0.0142	0.00000528	12.4	0.0000119	0.00017	0.000175
2071 Mar	104	0.0287	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00475	0.000772	0.0106	0.0142	0.00000528	12.4	0.0000119	0.00017	0.000175
2071 Apr	104	0.0287	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00476	0.000772	0.0106	0.0143	0.00000528	12.4	0.0000119	0.00017	0.000175
2071 May	104	0.0288	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00476	0.000774	0.0106	0.0143	0.00000528	12.5	0.0000119	0.000171	0.000176
2071 Jun	103	0.0289	0.0315	0.0017	16.5	0.0292	7.5	0.00104	0.00104	0.00000524	0.00475	0.000776	0.0105	0.0144	0.00000524	12.5	0.0000119	0.000171	0.000178
2071 Jul	103	0.0289	0.0315	0.0017	16.6	0.0293	7.52	0.00104	0.00104	0.00000525	0.00477	0.000778	0.0105	0.0144	0.00000526	12.5	0.0000119	0.000172	0.000178
2071 Aug	103	0.0291	0.0317	0.00171	16.6	0.0295	7.55	0.00104	0.00104	0.00000528	0.00479	0.000782	0.0106	0.0145	0.00000528	12.6	0.000012	0.000173	0.000179
2071 Sep	103	0.0291	0.0316	0.00171	16.6	0.0294	7.53	0.00104	0.00104	0.00000527	0.00478	0.000781	0.0106	0.0144	0.00000527	12.6	0.000012	0.000173	0.000178
2071 Oct	103	0.0291	0.0315	0.0017	16.6	0.0294	7.52	0.00104	0.00104	0.00000526	0.00478	0.00078	0.0106	0.0144	0.00000527	12.6	0.0000119	0.000172	0.000178
2071 Nov	103	0.0292	0.0315	0.0017	16.6	0.0294	7.52	0.00104	0.00104	0.00000526	0.00478	0.00078	0.0106	0.0144	0.00000526	12.6	0.0000119	0.000172	0.000178
2071 Dec	103	0.0292	0.0315	0.0017	16.6	0.0294	7.52	0.00104	0.00104	0.00000526	0.00478	0.00078	0.0106	0.0144	0.00000526	12.6	0.0000119	0.000172	0.000178
2072 Jan	103	0.0292	0.0315	0.0017	16.6	0.0294	7.52	0.00104	0.00104	0.00000526	0.00478	0.00078	0.0106	0.0144	0.00000526	12.6	0.0000119	0.000172	0.000178
2072 Feb	103	0.0292	0.0315	0.0017	16.6	0.0294	7.52	0.00104	0.00104	0.00000526	0.00478	0.00078	0.0106	0.0144	0.00000526	12.6	0.0000119	0.000172	0.000178
2072 Mar	103	0.0292	0.0315	0.0017	16.6	0.0294	7.52	0.00104	0.00104	0.00000526	0.00478	0.000781	0.0106	0.0144	0.00000526	12.6	0.0000119	0.000172	0.000178
2072 Apr	103	0.0292	0.0315	0.0017	16.6	0.0294	7.52	0.00104	0.00104	0.00000526	0.00478	0.000781	0.0106	0.0144	0.00000527	12.6	0.0000119	0.000172	0.000178
2072 May	103	0.0293	0.0315	0.00171	16.6	0.0295	7.54	0.00104	0.00104	0.00000527	0.00479	0.000782	0.0106	0.0145	0.00000528	12.6	0.000012	0.000173	0.000179
2072 Jun	103	0.0292	0.0314	0.0017	16.5	0.0294	7.5	0.00104	0.00104	0.00000526	0.0048	0.000782	0.0106	0.0144	0.00000527	12.6	0.000012	0.000173	0.000178
2072 Jul	103	0.0292	0.0314	0.0017	16.6	0.0295	7.51	0.00104	0.00104	0.00000527	0.00482	0.000785	0.0106	0.0145	0.00000528	12.6	0.0000121	0.000173	0.000179
2072 Aug	103	0.0293	0.0314	0.0017	16.6	0.0295	7.5	0.00104	0.00104	0.00000528	0.00482	0.000786	0.0106	0.0145	0.00000528	12.6	0.0000121	0.000173	0.000179
2072 Sep	102	0.0293	0.0313	0.0017	16.5	0.0295	7.49	0.00104	0.00104	0.00000527	0.00482	0.000786	0.0106	0.0145	0.00000528	12.6	0.000012	0.000173	0.000178
2072 Oct	102	0.0294	0.0311	0.00169	16.5	0.0294	7.46	0.00104	0.00104	0.00000525	0.00482	0.000785	0.0106	0.0145	0.00000526	12.6	0.000012	0.000173	0.000178
2072 Nov	102	0.0294	0.0311	0.00169	16.5	0.0294	7.46	0.00104	0.00104	0.00000525	0.00482	0.000785	0.0106	0.0145	0.00000526	12.6	0.000012	0.000173	0.000178
2072 Dec	102	0.0294	0.0311	0.00169	16.5	0.0294	7.46	0.00104	0.00104	0.00000525	0.00482	0.000785	0.0106	0.0145	0.00000526	12.6	0.000012	0.000173	0.000178
2073 Jan	102	0.0294	0.0311	0.00169	16.5	0.0294	7.46	0.00104	0.00104	0.00000525	0.00482	0.000785	0.0106	0.0145	0.00000526	12.6	0.000012	0.000173	0.000178
2073 Feb	102	0.0294	0.0311	0.00169	16.5	0.0294	7.46	0.00104	0.00104	0.00000525	0.00482	0.000785	0.0106	0.0145	0.00000526	12.6	0.000012	0.000173	0.000178
2073 Mar	102	0.0294	0.0311	0.00169	16.5	0.0294	7.46	0.00104	0.00104	0.00000525	0.00482	0.000785	0.0106	0.0145	0.00000526	12.6	0.000012	0.000173	0.000178
2073 Apr	102	0.0295	0.0311	0.00169	16.5	0.0294	7.46	0.00104	0.00104	0.00000525	0.00482	0.000785	0.0106	0.0145	0.00000526	12.6	0.000012	0.000173	0.000178
2073 May	102	0.0296	0.0311	0.00169	16.5	0.0294	7.46	0.00104	0.00104	0.00000526	0.00483	0.000788	0.0106	0.0145	0.00000526	12.6	0.000012	0.000174	0.000179
2073 Jun	101	0.0297	0.0309	0.00168	16.4	0.0293	7.42	0.00104	0.00104	0.00000523	0.00482	0.000791	0.0105	0.0146	0.00000524	12.7	0.0000121	0.000175	0.000181
2073 Jul	102	0.0298	0.0309	0.00168	16.5	0.0294	7.44	0.00104	0.00104	0.00000525	0.00484	0.000794	0.0105	0.0147	0.00000526	12.7	0.0000121	0.000175	0.000181
2073 Aug	102	0.0299	0.0311	0.00169	16.5	0.0295	7.47	0.00104	0.00104	0.00000527	0.00486	0.000797	0.0106	0.0147	0.00000528	12.8	0.0000122	0.000176	0.000182
2073 Sep	102	0.0299	0.031	0.00169	16.5	0.0295	7.46	0.00104	0.00104	0.00000527	0.00486	0.000797	0.0106	0.0147	0.00000528	12.8	0.0000121	0.000176	0.000182
2073 Oct	102	0.0299	0.0309	0.00168	16.5	0.0294	7.44	0.00104	0.00104	0.00000526	0.00486	0.000796	0.0106	0.0147	0.00000526	12.8	0.0000121	0.000176	0.000181
2073 Nov	102	0.03	0.0309	0.00168	16.5	0.0294	7.44	0.00104	0.00104	0.00000525	0.00486	0.000796	0.0106	0.0147	0.00000526	12.8	0.0000121	0.000175	0.000181
2073 Dec	102	0.03	0.0309	0.00168	16.5	0.0294	7.44	0.00104	0.00104	0.00000525	0.00486	0.000796	0.0106	0.0147	0.00000526	12.8	0.0000121	0.000175	0.000181
2074 Jan	102	0.03	0.0309	0.00168	16.5	0.0294	7.44	0.00104	0.00104	0.00000525	0.00486	0.000796	0.0106	0.0147	0.00000526	12.8	0.0000121	0.000175	0.000181
2074 Feb	102	0.03	0.0309	0.00168	16.5	0.0294	7.44	0.00104	0.00104	0.00000525	0.00486	0.000796	0.0106	0.0147	0.00000526	12.8	0.0000121	0.000175	0.000181
2074 Mar	102	0.03	0.0309	0.00168	16.5	0.0294	7.44	0.00104	0.00104	0.00000525	0.00486	0.000796	0.0106	0.0147	0.00000526	12.8	0.0000121	0.000176	0.000181
2074 Apr	102	0.03	0.0309	0.00168	16.5	0.0295	7.44	0.00104	0.00104	0.00000526	0.00486	0.000796	0.0106	0.0147	0.00000526	12.8	0.0000121	0.000176	0.000181
2074 May	102	0.0301	0.0309	0.00168	16.5	0.0294	7.44	0.00104	0.00104	0.00000526	0.00487	0.0008	0.0106	0.0148	0.00000526	12.9	0.0000122	0.000177	0.000183
2074 Jun	100	0.0302	0.0305	0.00166	16.4	0.0291	7.37	0.00103	0.00103	0.00000521	0.00485	0.000802	0.0105	0.0149	0.00000522	12.9	0.0000122	0.000177	0.000185
2074 Jul	101	0.0304	0.0306	0.00167	16.5	0.0293	7.4	0.00104	0.00104	0.00000524	0.00488	0.000806	0.0105	0.015	0.00000525	13	0.0000122	0.000178	0.000186
2074 Aug	102	0.0306	0.0308	0.00168	16.6	0.0295	7.45	0.00104	0.00104	0.00000527	0.00491	0.000811	0.0106	0.0151	0.00000528	13	0.0000123	0.000179	0.000187
2074 Sep	101	0.0306	0.0307	0.00168	16.5	0.0294	7.43	0.00104	0.00104	0.00000527	0.00491	0.000811	0.0106	0.015	0.00000527	13	0.0000123	0.000179	0.000187
2074 Oct	101	0.0307	0.0307	0.00167	16.5	0.0294	7.42	0.00104	0.00104	0.00000526	0.0049	0.00081	0.0106	0.015	0.00000526	13	0.0000123	0.000179	0.000186
2074 Nov	101	0.0307	0.0307	0.00167	16.5	0.0294	7.42	0.00104	0.00104	0.00000526	0.0049	0.00081	0.0106	0.015	0.00000526	13	0.0000123	0.000179	0.000186
2074 Dec	101	0.0307	0.0307	0.00167	16.5	0.0294	7.42	0.00104	0.00104	0.00000526	0.0049	0.00081	0.0106	0.015	0.00000526	13	0.0000123	0.000179	0.000186
2075 Jan	101	0.0307	0.0307	0.00167	16.5	0.0294	7.42	0.00104	0.00104	0.00000526	0.0049	0.00081	0.0106	0.015	0.00000526	13	0.0000123	0.000179	0.000186
2075 Feb	101	0.0307	0.0307	0.00167	16.5	0.0294	7.42	0.00104	0.00104	0.00000526	0.0049	0.00081	0.0106	0.015	0.00000526	13	0.0000123	0.000179	0.000186
2075 Mar	101	0.0307	0.0307	0.00167	16.5	0.0294	7.42	0.00104	0.00104	0.00000526	0.0049	0.00081	0.0106	0.015	0.00000526	13	0.0000123	0.000179	0.000186
2075 Apr	101	0.0307	0.0307	0.00167	16.5	0.0294	7.42	0.00104	0.00104	0.00000526	0.00491	0.00081	0.0106	0.015	0.00000527	13	0.0000123	0.000179	0.000186
2075 May	101	0.0308	0.0307	0.00168	16.5	0.0295	7.43	0.00104	0.00104	0.00000527	0.00491	0.000812	0.0106	0.0151	0.00000528	13.1	0.0000123	0.000179	0.000187

Appendix D.3-1: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2075 Jun	100	0.0306	0.0304	0.00166	16.4	0.0293	7.36	0.00104	0.00104	0.00000524	0.00491	0.00081	0.0105	0.015	0.00000525	13	0.0000123	0.000179	0.000186
2075 Jul	100	0.0306	0.0304	0.00166	16.4	0.0293	7.37	0.00104	0.00104	0.00000525	0.00493	0.000812	0.0105	0.015	0.00000526	13	0.0000124	0.00018	0.000186
2075 Aug	101	0.0307	0.0305	0.00167	16.5	0.0294	7.39	0.00104	0.00104	0.00000527	0.00495	0.000816	0.0106	0.0151	0.00000528	13.1	0.0000124	0.00018	0.000187
2075 Sep	101	0.0308	0.0305	0.00167	16.5	0.0295	7.4	0.00104	0.00104	0.00000528	0.00495	0.000817	0.0106	0.0151	0.00000528	13.1	0.0000124	0.000181	0.000187
2075 Oct	101	0.0308	0.0305	0.00167	16.5	0.0295	7.39	0.00104	0.00104	0.00000527	0.00495	0.000816	0.0106	0.0151	0.00000528	13.1	0.0000124	0.00018	0.000187
2075 Nov	101	0.0308	0.0305	0.00167	16.5	0.0295	7.39	0.00104	0.00104	0.00000528	0.00496	0.000817	0.0106	0.0151	0.00000528	13.1	0.0000124	0.00018	0.000187
2075 Dec	101	0.0308	0.0305	0.00167	16.5	0.0295	7.39	0.00104	0.00104	0.00000528	0.00496	0.000817	0.0106	0.0151	0.00000528	13.1	0.0000124	0.00018	0.000187
2076 Jan	101	0.0308	0.0305	0.00167	16.5	0.0295	7.39	0.00104	0.00104	0.00000528	0.00496	0.000817	0.0106	0.0151	0.00000528	13.1	0.0000124	0.00018	0.000187
2076 Feb	101	0.0308	0.0305	0.00167	16.5	0.0295	7.39	0.00104	0.00104	0.00000528	0.00496	0.000817	0.0106	0.0151	0.00000528	13.1	0.0000124	0.00018	0.000187
2076 Mar	101	0.0308	0.0305	0.00167	16.5	0.0295	7.39	0.00104	0.00104	0.00000528	0.00496	0.000817	0.0106	0.0151	0.00000528	13.1	0.0000124	0.00018	0.000187
2076 Apr	101	0.0309	0.0305	0.00167	16.5	0.0295	7.4	0.00104	0.00104	0.00000528	0.00496	0.000817	0.0106	0.0151	0.00000528	13.1	0.0000124	0.000181	0.000187
2076 May	101	0.0309	0.0305	0.00167	16.5	0.0295	7.41	0.00105	0.00105	0.00000529	0.00497	0.00082	0.0106	0.0152	0.00000529	13.1	0.0000125	0.000181	0.000188
2076 Jun	100	0.0309	0.0302	0.00166	16.4	0.0293	7.34	0.00104	0.00104	0.00000525	0.00495	0.00082	0.0105	0.0152	0.00000525	13.2	0.0000125	0.000182	0.000189
2076 Jul	100	0.031	0.0303	0.00166	16.4	0.0293	7.36	0.00104	0.00104	0.00000526	0.00497	0.000823	0.0106	0.0153	0.00000527	13.2	0.0000125	0.000182	0.00019
2076 Aug	101	0.0312	0.0305	0.00167	16.5	0.0295	7.4	0.00105	0.00105	0.00000529	0.005	0.000828	0.0106	0.0154	0.0000053	13.3	0.0000126	0.000183	0.000191
2076 Sep	101	0.0313	0.0305	0.00167	16.6	0.0296	7.41	0.00105	0.00105	0.0000053	0.00501	0.000829	0.0106	0.0154	0.00000531	13.3	0.0000126	0.000184	0.000191
2076 Oct	101	0.0313	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000529	0.005	0.000828	0.0106	0.0153	0.0000053	13.3	0.0000126	0.000183	0.000191
2076 Nov	101	0.0313	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000529	0.005	0.000828	0.0106	0.0153	0.00000529	13.3	0.0000126	0.000183	0.000191
2076 Dec	101	0.0313	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000529	0.005	0.000828	0.0106	0.0153	0.00000529	13.3	0.0000126	0.000183	0.000191
2077 Jan	101	0.0313	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000529	0.005	0.000828	0.0106	0.0153	0.00000529	13.3	0.0000126	0.000183	0.000191
2077 Feb	101	0.0313	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000529	0.005	0.000828	0.0106	0.0153	0.00000529	13.3	0.0000126	0.000183	0.000191
2077 Mar	101	0.0313	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000529	0.005	0.000828	0.0106	0.0153	0.00000529	13.3	0.0000126	0.000183	0.000191
2077 Apr	101	0.0313	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000529	0.005	0.000828	0.0106	0.0153	0.0000053	13.3	0.0000126	0.000183	0.000191
2077 May	101	0.0314	0.0304	0.00167	16.5	0.0295	7.4	0.00105	0.00105	0.00000529	0.00501	0.00083	0.0106	0.0154	0.0000053	13.3	0.0000126	0.000184	0.000191
2077 Jun	99.9	0.0314	0.0301	0.00165	16.4	0.0293	7.34	0.00104	0.00104	0.00000526	0.00499	0.00083	0.0105	0.0154	0.00000526	13.3	0.0000126	0.000184	0.000192
2077 Jul	100	0.0315	0.0302	0.00166	16.5	0.0294	7.37	0.00105	0.00105	0.00000528	0.00502	0.000835	0.0106	0.0155	0.00000529	13.4	0.0000126	0.000185	0.000193
2077 Aug	101	0.0317	0.0304	0.00167	16.6	0.0296	7.41	0.00105	0.00105	0.00000531	0.00505	0.000839	0.0106	0.0156	0.00000532	13.5	0.0000127	0.000186	0.000194
2077 Sep	100	0.0317	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00503	0.000837	0.0106	0.0155	0.0000053	13.4	0.0000127	0.000185	0.000194
2077 Oct	100	0.0317	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00503	0.000837	0.0106	0.0155	0.0000053	13.4	0.0000127	0.000185	0.000193
2077 Nov	100	0.0318	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00503	0.000837	0.0106	0.0155	0.0000053	13.4	0.0000127	0.000185	0.000193
2077 Dec	100	0.0318	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00504	0.000837	0.0106	0.0155	0.0000053	13.4	0.0000127	0.000185	0.000193
2078 Jan	100	0.0318	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00504	0.000837	0.0106	0.0155	0.0000053	13.4	0.0000127	0.000185	0.000193
2078 Feb	100	0.0318	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00504	0.000837	0.0106	0.0155	0.0000053	13.4	0.0000127	0.000185	0.000193
2078 Mar	100	0.0318	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00504	0.000837	0.0106	0.0155	0.0000053	13.4	0.0000127	0.000185	0.000193
2078 Apr	100	0.0318	0.0302	0.00166	16.5	0.0295	7.38	0.00105	0.00105	0.0000053	0.00504	0.000838	0.0106	0.0155	0.0000053	13.4	0.0000127	0.000185	0.000194
2078 May	100	0.0319	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00505	0.000842	0.0106	0.0156	0.0000053	13.5	0.0000127	0.000186	0.000195
2078 Jun	99.5	0.032	0.0299	0.00164	16.4	0.0292	7.31	0.00104	0.00104	0.00000526	0.00503	0.000842	0.0105	0.0157	0.00000526	13.6	0.0000127	0.000187	0.000197
2078 Jul	100	0.0321	0.03	0.00165	16.5	0.0294	7.35	0.00105	0.00105	0.00000529	0.00506	0.000847	0.0106	0.0158	0.00000529	13.6	0.0000128	0.000188	0.000198
2078 Aug	100	0.0322	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00507	0.00085	0.0106	0.0158	0.00000531	13.7	0.0000128	0.000188	0.000198
2078 Sep	100	0.0323	0.0301	0.00166	16.6	0.0296	7.38	0.00105	0.00105	0.00000531	0.00508	0.000851	0.0106	0.0159	0.00000532	13.7	0.0000128	0.000189	0.000199
2078 Oct	100	0.0323	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.000851	0.0106	0.0158	0.00000531	13.7	0.0000128	0.000189	0.000198
2078 Nov	100	0.0323	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.000851	0.0106	0.0158	0.00000531	13.7	0.0000128	0.000189	0.000198
2078 Dec	100	0.0323	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.000851	0.0106	0.0158	0.00000531	13.7	0.0000128	0.000189	0.000198
2079 Jan	100	0.0323	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.000851	0.0106	0.0158	0.00000531	13.7	0.0000128	0.000189	0.000198
2079 Feb	100	0.0323	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.000851	0.0106	0.0158	0.00000531	13.7	0.0000128	0.000189	0.000198
2079 Mar	100	0.0323	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.000851	0.0106	0.0158	0.00000531	13.7	0.0000128	0.000189	0.000198
2079 Apr	100	0.0324	0.0301	0.00165	16.6	0.0296	7.37	0.00105	0.00105	0.00000531	0.00508	0.000851	0.0106	0.0159	0.00000531	13.7	0.0000128	0.000189	0.000198
2079 May	100	0.0324	0.0301	0.00166	16.6	0.0296	7.39	0.00105	0.00105	0.00000532	0.00509	0.000853	0.0106	0.0159	0.00000532	13.7	0.0000128	0.000189	0.000199
2079 Jun	99.4	0.0322	0.0298	0.00164	16.5	0.0293	7.31	0.00104	0.00104	0.00000528	0.00508	0.000851	0.0106	0.0158	0.00000528	13.7	0.0000128	0.000189	0.000199
2079 Jul	99.3	0.0322	0.0298	0.00164	16.5	0.0293	7.3	0.00105	0.00105	0.00000528	0.00509	0.000852	0.0106	0.0159	0.00000529	13.7	0.0000129	0.000189	0.000199
2079 Aug	99.7	0.0324	0.0299	0.00165	16.5	0.0295	7.33	0.00105	0.00105	0.00000531	0.00511	0.000857	0.0106	0.0159	0.00000531	13.8	0.0000129	0.00019	0.0002
2079 Sep	99.5	0.0324	0.0298	0.00164	16.5	0.0295	7.32	0.00105	0.00105	0.0000053	0.00511	0.000856	0.0106	0.0159	0.0000053	13.7	0.0000129	0.00019	0.000199
2079 Oct	99.4	0.0325	0.0297	0.00164	16.5	0.0294	7.31	0.00105	0.00105	0.00000529	0.0051	0.000855	0.0106	0.0159	0.0000053	13.7	0.0000129	0.000189	0.000199
2079 Nov	99.3	0.0325	0.0297	0.00164	16.5	0.0294	7.3	0.00105	0.00105	0.00000529	0.0051	0.000855	0.0106	0.0159	0.00000529	13.7	0.0000129	0.000189	0.000199
2079 Dec	99.2	0.0325	0.0297	0.00164	16.5	0.0294	7.3	0.00105	0.00105	0.00000529	0.0051	0.000854	0.0106	0.0159	0.00000529	13.7	0.0000129	0.000189	0.000199
2080 Jan	99.2	0.0325	0.0297	0.00164	16.5	0.0294	7.3	0.00105	0.00105	0.00000529	0.0051	0.000855	0.0106	0.0159	0.00000529	13.7	0.0000129	0.000189	0.000199
2080 Feb	99.2	0.0325	0.0297	0.00164	16.5	0.0294	7.3	0.00105	0.00105	0.00000529	0.0051	0.000855	0.0106	0.0159	0.00000529	13.7	0.0000129	0.000189	0.000199
2080 Mar	99.2	0.0325	0.0297	0.00164	16.5	0.0294	7.3	0.00105	0.00105	0.00000529	0.0051	0.000855	0.0106	0.0159	0.00000529	13.7	0.0000129	0.000189	0.000199
2080 Apr	99.3	0.0325	0.0297	0.00164	16.5	0.0294	7.3	0.00105	0.00105	0.00000529	0.00511	0.000855	0.0106	0.0159	0.00000529	13.7	0.0000129	0.000189	0.000199
2080 May	99.4	0.0326	0.0298	0.00164	16.5	0.0295	7.32	0.00105	0.00105	0.0000053	0.00512	0.000856	0.0106	0.0159	0.0000053	13.7	0.0000129	0.00019	0.000199
2080 Jun	98.9	0.0325	0.0295	0.00163	16.4	0.0294	7.27	0.00105	0.00105	0.00000528	0.00512	0.000855	0.0106	0.0159	0.00000529	13.7	0.0000129	0.00019	0.000199
2080 Jul	98.7	0.0325	0.0295	0.00163	16.4	0.0294	7.26	0.00105	0.00105	0.00000529	0.00513	0.000857	0.0106	0.0159	0.00000529	13.7	0.000013	0.00019	0.000199
2080 Aug	99	0.0325	0.0296	0.00164	16.4	0.0295	7.28	0.00105	0.00105	0.0000053	0.00514	0.000859	0.0106	0.0159	0.00000531	13.8	0.000013	0.00019	0.000199
2080 Sep	98.9	0.0326	0.0295	0.00164	16.4	0.0295	7.27	0.00105	0.00105	0.0000053	0.00514	0.000859	0.0106	0.0159	0.0000053	13.7	0.000013	0.00019	0.000199
2080 Oct	98.7	0.0326	0.0295	0.00163	16.4	0.0295	7.27	0.00105	0.00105	0.00000529	0.00514	0.000859	0.0106	0.0159	0.0000053	13.7	0.000013	0.00019	0.000199
2080 Nov	98.6	0.0326	0.0294	0.00163	16.4	0.0295	7.26	0.00105	0.00105	0.00000529	0.00514	0.000858	0.0106	0.0159	0.0000053	13.7	0.000013	0.00019	0.000198
2080 Dec	98.6	0.0326	0.0294	0.00163	16.4	0.0295	7.26	0.00105	0.00105	0.00000529	0.00514	0.000858	0.0106	0.0159	0.0000053	13.7	0.000013	0.00019	0.000198
2081 Jan	98.6	0.0326	0.0294	0.00163	16.4	0.0295	7.26	0.00105	0.00105	0.00000529	0.00514	0.000858	0.0106	0.0159	0.0000053	13.7	0.000013	0.00019	0.000198
2081 Feb	98.6	0.0326	0.0294	0.00163	16.4	0.0295	7.26	0.00105	0.00105	0.00000529	0.00514	0.000858	0.0106	0.0159	0.0000053	13.7	0.000013	0.00019	0.000198
2081 Mar	98.6	0.0326	0.0294	0.00163	16.4	0.0295	7.26	0.00105	0.00105	0.00000529	0.00514	0.000858	0.0106	0.0159	0.0000053	13.7	0.000013	0.00019	0.000198
2081 Apr	98.7	0.0327	0.0295	0.00163	16.4	0.0295	7.26	0.00105	0.00105	0.00000529	0.00514	0.000859	0.0106	0.0159	0.0000053	13.7	0.000013	0.00019	0.000199
2081 May	98.7	0.0328	0.0294	0.00163	16.4	0.0295	7.27	0.00105	0.00105	0.0000053	0.00515	0.000862	0.0106	0.016	0.0000053	13.8	0.000013	0.000191	0.0002
2081 Jun	98.2	0.0328	0.0293	0.00162	16.4	0.0293	7.23	0.00104	0.00104	0.00000528	0.00514	0.000863	0.0106	0.016	0.00000528	13.8	0.000013	0.000191	0.000201
2081 Jul	98.8	0.033	0.0295	0.00163	16.5	0.0295	7.28	0.00105	0.00105	0.00000531	0.00518	0.000869	0.0106	0.0162	0.00000532	13.9	0.0000131	0.000193	0.000202
2081 Aug	99.4	0.0332	0.0296	0.00164	16.6	0.0297	7.32	0.00106	0.00106	0.00000534	0.00521	0.000874	0.0107	0.0163	0.00000535	14	0.0000132	0.000194	0.000203
2081 Sep	99.4	0.0333	0.0296	0.00164	16.6	0.0297	7.32	0.00106	0.00106	0.00000534	0.00521	0.000875	0.0107	0.0163	0.00000535	14	0.0000132	0.000194	0.000203
2081 Oct	99.4	0.0333	0.0296	0.00164	16.6	0.0297	7.32	0.00106	0.00106	0.00000534	0.00521	0.000875	0.0107	0.0163	0.00000535	14	0.0000132	0.000194	0.000203

Appendix D.3-1: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2081 Nov	99.2	0.0333	0.0296	0.00164	16.5	0.0297	7.31	0.00106	0.00106	0.00000534	0.00521	0.000874	0.0107	0.0162	0.00000534	14	0.0000132	0.000194	0.000203
2081 Dec	99.2	0.0333	0.0295	0.00164	16.5	0.0297	7.31	0.00106	0.00106	0.00000534	0.00521	0.000874	0.0107	0.0162	0.00000534	14	0.0000132	0.000194	0.000203
2082 Jan	99.2	0.0333	0.0295	0.00164	16.5	0.0297	7.31	0.00106	0.00106	0.00000534	0.00521	0.000874	0.0107	0.0162	0.00000534	14	0.0000132	0.000194	0.000203
2082 Feb	99.2	0.0333	0.0295	0.00164	16.5	0.0297	7.31	0.00106	0.00106	0.00000534	0.00521	0.000874	0.0107	0.0162	0.00000534	14	0.0000132	0.000194	0.000203
2082 Mar	99.2	0.0333	0.0295	0.00164	16.5	0.0297	7.31	0.00106	0.00106	0.00000534	0.00521	0.000874	0.0107	0.0162	0.00000534	14	0.0000132	0.000194	0.000203
2082 Apr	99.3	0.0334	0.0296	0.00164	16.5	0.0297	7.31	0.00106	0.00106	0.00000534	0.00521	0.000874	0.0107	0.0162	0.00000534	14	0.0000132	0.000194	0.000203
2082 May	99.4	0.0334	0.0296	0.00164	16.6	0.0298	7.32	0.00106	0.00106	0.00000535	0.00522	0.000876	0.0107	0.0163	0.00000535	14	0.0000132	0.000194	0.000203
2082 Jun	98.3	0.0331	0.0292	0.00163	16.4	0.0295	7.24	0.00105	0.00105	0.00000531	0.00521	0.000872	0.0106	0.0162	0.00000532	13.9	0.0000132	0.000193	0.000202
2082 Jul	97.9	0.033	0.0291	0.00162	16.3	0.0294	7.21	0.00105	0.00105	0.0000053	0.00521	0.000871	0.0106	0.0161	0.00000531	13.9	0.0000132	0.000193	0.000202
2082 Aug	98.3	0.0332	0.0292	0.00163	16.4	0.0296	7.24	0.00106	0.00106	0.00000533	0.00524	0.000875	0.0107	0.0162	0.00000533	14	0.0000133	0.000194	0.000202
2082 Sep	98.4	0.0332	0.0292	0.00163	16.4	0.0296	7.24	0.00106	0.00106	0.00000533	0.00524	0.000876	0.0107	0.0162	0.00000534	14	0.0000133	0.000194	0.000203
2082 Oct	98	0.0332	0.0291	0.00162	16.4	0.0295	7.22	0.00105	0.00105	0.00000531	0.00523	0.000874	0.0106	0.0162	0.00000532	13.9	0.0000132	0.000194	0.000202
2082 Nov	98	0.0332	0.0291	0.00163	16.4	0.0295	7.22	0.00105	0.00105	0.00000532	0.00523	0.000874	0.0106	0.0162	0.00000532	13.9	0.0000132	0.000194	0.000202
2082 Dec	98	0.0332	0.0291	0.00163	16.4	0.0295	7.22	0.00105	0.00105	0.00000532	0.00523	0.000874	0.0106	0.0162	0.00000532	13.9	0.0000132	0.000194	0.000202
2083 Jan	98	0.0332	0.0291	0.00163	16.4	0.0295	7.22	0.00105	0.00105	0.00000532	0.00523	0.000874	0.0106	0.0162	0.00000532	13.9	0.0000132	0.000194	0.000202
2083 Feb	98	0.0332	0.0291	0.00163	16.4	0.0295	7.22	0.00105	0.00105	0.00000532	0.00523	0.000874	0.0106	0.0162	0.00000532	13.9	0.0000132	0.000194	0.000202
2083 Mar	98	0.0332	0.0291	0.00163	16.4	0.0295	7.22	0.00105	0.00105	0.00000532	0.00523	0.000874	0.0106	0.0162	0.00000532	13.9	0.0000132	0.000194	0.000202
2083 Apr	98.1	0.0333	0.0291	0.00163	16.4	0.0296	7.22	0.00105	0.00105	0.00000532	0.00524	0.000875	0.0107	0.0162	0.00000533	14	0.0000132	0.000194	0.000202
2083 May	98.2	0.0334	0.0291	0.00163	16.4	0.0296	7.23	0.00106	0.00106	0.00000533	0.00525	0.000878	0.0107	0.0163	0.00000533	14	0.0000133	0.000194	0.000203
2083 Jun	97.3	0.0334	0.0288	0.00161	16.3	0.0293	7.17	0.00105	0.00105	0.00000529	0.00523	0.000878	0.0106	0.0163	0.00000529	14	0.0000133	0.000195	0.000204
2083 Jul	97.5	0.0334	0.0289	0.00161	16.3	0.0294	7.19	0.00105	0.00105	0.0000053	0.00525	0.000881	0.0106	0.0164	0.00000531	14.1	0.0000133	0.000195	0.000205
2083 Aug	97.7	0.0335	0.0289	0.00162	16.4	0.0295	7.2	0.00105	0.00105	0.00000532	0.00526	0.000884	0.0106	0.0164	0.00000532	14.1	0.0000133	0.000196	0.000205
2083 Sep	97.5	0.0336	0.0289	0.00162	16.3	0.0295	7.19	0.00105	0.00105	0.00000531	0.00526	0.000883	0.0106	0.0164	0.00000532	14.1	0.0000133	0.000196	0.000205
2083 Oct	97.1	0.0336	0.0287	0.00161	16.3	0.0294	7.16	0.00105	0.00105	0.00000529	0.00525	0.000881	0.0106	0.0163	0.0000053	14.1	0.0000133	0.000195	0.000204
2083 Nov	97	0.0336	0.0287	0.00161	16.3	0.0294	7.15	0.00105	0.00105	0.00000529	0.00525	0.000881	0.0106	0.0163	0.0000053	14.1	0.0000133	0.000195	0.000204
2083 Dec	97	0.0336	0.0287	0.00161	16.3	0.0294	7.15	0.00105	0.00105	0.00000529	0.00525	0.000881	0.0106	0.0163	0.0000053	14.1	0.0000133	0.000195	0.000204
2084 Jan	97	0.0336	0.0287	0.00161	16.3	0.0294	7.15	0.00105	0.00105	0.00000529	0.00525	0.000881	0.0106	0.0163	0.0000053	14.1	0.0000133	0.000195	0.000204
2084 Feb	97	0.0336	0.0287	0.00161	16.3	0.0294	7.15	0.00105	0.00105	0.00000529	0.00525	0.000881	0.0106	0.0163	0.0000053	14.1	0.0000133	0.000195	0.000204
2084 Mar	97	0.0336	0.0287	0.00161	16.3	0.0294	7.16	0.00105	0.00105	0.00000529	0.00525	0.000881	0.0106	0.0163	0.0000053	14.1	0.0000133	0.000195	0.000204
2084 Apr	97.1	0.0337	0.0287	0.00161	16.3	0.0294	7.16	0.00105	0.00105	0.00000529	0.00525	0.000881	0.0106	0.0163	0.0000053	14.1	0.0000133	0.000195	0.000204
2084 May	97.1	0.0338	0.0287	0.00161	16.3	0.0294	7.17	0.00105	0.00105	0.0000053	0.00526	0.000885	0.0106	0.0164	0.0000053	14.1	0.0000133	0.000196	0.000206
2084 Jun	96.3	0.0338	0.0285	0.00159	16.2	0.0292	7.11	0.00104	0.00104	0.00000526	0.00524	0.000884	0.0105	0.0165	0.00000527	14.1	0.0000133	0.000196	0.000207
2084 Jul	96.7	0.0339	0.0286	0.0016	16.3	0.0293	7.13	0.00105	0.00105	0.00000528	0.00526	0.000889	0.0106	0.0165	0.00000529	14.2	0.0000134	0.000197	0.000208
2084 Aug	97	0.034	0.0287	0.0016	16.3	0.0294	7.16	0.00105	0.00105	0.0000053	0.00528	0.000892	0.0106	0.0166	0.00000531	14.3	0.0000134	0.000198	0.000208
2084 Sep	97	0.0341	0.0286	0.0016	16.3	0.0294	7.16	0.00105	0.00105	0.0000053	0.00528	0.000892	0.0106	0.0166	0.00000531	14.3	0.0000134	0.000198	0.000208
2084 Oct	96.7	0.0341	0.0285	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00528	0.000891	0.0106	0.0166	0.0000053	14.2	0.0000134	0.000197	0.000208
2084 Nov	96.7	0.0341	0.0285	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00528	0.00089	0.0106	0.0165	0.00000529	14.2	0.0000134	0.000197	0.000208
2084 Dec	96.7	0.0341	0.0285	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00528	0.00089	0.0106	0.0165	0.00000529	14.2	0.0000134	0.000197	0.000208
2085 Jan	96.7	0.0341	0.0285	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00528	0.00089	0.0106	0.0165	0.00000529	14.2	0.0000134	0.000197	0.000208
2085 Feb	96.7	0.0341	0.0285	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00528	0.00089	0.0106	0.0165	0.00000529	14.2	0.0000134	0.000197	0.000208
2085 Mar	96.7	0.0341	0.0285	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00528	0.00089	0.0106	0.0165	0.0000053	14.2	0.0000134	0.000197	0.000208
2085 Apr	96.7	0.0341	0.0285	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00528	0.000891	0.0106	0.0166	0.0000053	14.2	0.0000134	0.000197	0.000208
2085 May	96.7	0.0342	0.0285	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00529	0.000894	0.0106	0.0166	0.0000053	14.3	0.0000134	0.000198	0.000209
2085 Jun	96.5	0.0343	0.0284	0.00159	16.3	0.0293	7.13	0.00105	0.00105	0.00000528	0.00529	0.000895	0.0106	0.0167	0.00000529	14.3	0.0000134	0.000199	0.00021
2085 Jul	97	0.0345	0.0286	0.0016	16.4	0.0295	7.16	0.00105	0.00105	0.00000531	0.00531	0.0009	0.0106	0.0168	0.00000532	14.4	0.0000135	0.0002	0.000211
2085 Aug	97	0.0345	0.0286	0.0016	16.4	0.0295	7.17	0.00105	0.00105	0.00000532	0.00532	0.000902	0.0106	0.0168	0.00000532	14.4	0.0000135	0.0002	0.000211
2085 Sep	96.8	0.0345	0.0285	0.0016	16.4	0.0295	7.15	0.00105	0.00105	0.00000531	0.00531	0.0009	0.0106	0.0168	0.00000531	14.4	0.0000135	0.0002	0.000211
2085 Oct	96.6	0.0345	0.0284	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.0000053	0.00531	0.000899	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021
2085 Nov	96.4	0.0345	0.0284	0.00159	16.3	0.0294	7.13	0.00105	0.00105	0.00000529	0.0053	0.000898	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021
2085 Dec	96.4	0.0345	0.0284	0.00159	16.3	0.0294	7.13	0.00105	0.00105	0.00000529	0.0053	0.000898	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021
2086 Jan	96.4	0.0346	0.0284	0.00159	16.3	0.0294	7.13	0.00105	0.00105	0.00000529	0.0053	0.000898	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021
2086 Feb	96.4	0.0346	0.0284	0.00159	16.3	0.0294	7.13	0.00105	0.00105	0.00000529	0.0053	0.000898	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021
2086 Mar	96.4	0.0346	0.0284	0.00159	16.3	0.0294	7.13	0.00105	0.00105	0.00000529	0.0053	0.000898	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021
2086 Apr	96.5	0.0346	0.0284	0.00159	16.3	0.0294	7.13	0.00105	0.00105	0.0000053	0.00531	0.000899	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021
2086 May	96.6	0.0347	0.0284	0.0016	16.3	0.0295	7.14	0.00105	0.00105	0.0000053	0.00532	0.000901	0.0106	0.0168	0.00000531	14.4	0.0000135	0.0002	0.000211
2086 Jun	95.8	0.0346	0.0281	0.00158	16.2	0.0292	7.08	0.00104	0.00104	0.00000527	0.0053	0.000901	0.0105	0.0168	0.00000528	14.4	0.0000135	0.0002	0.000211
2086 Jul	96	0.0347	0.0282	0.00159	16.3	0.0293	7.1	0.00105	0.00105	0.00000529	0.00533	0.000905	0.0106	0.0169	0.0000053	14.5	0.0000135	0.000201	0.000212
2086 Aug	96.3	0.0348	0.0283	0.00159	16.3	0.0294	7.12	0.00105	0.00105	0.00000531	0.00534	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000213
2086 Sep	96.1	0.0348	0.0282	0.00159	16.3	0.0294	7.11	0.00105	0.00105	0.0000053	0.00534	0.000907	0.0106	0.0169	0.00000531	14.5	0.0000135	0.000201	0.000212
2086 Oct	96.1	0.0349	0.0282	0.00159	16.3	0.0294	7.11	0.00105	0.00105	0.0000053	0.00534	0.000907	0.0106	0.0169	0.00000531	14.5	0.0000135	0.000201	0.000212
2086 Nov	96.1	0.0349	0.0282	0.00159	16.3	0.0294	7.11	0.00105	0.00105	0.0000053	0.00534	0.000907	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000212
2086 Dec	96.1	0.0349	0.0282	0.00159	16.3	0.0294	7.11	0.00105	0.00105	0.0000053	0.00534	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000212
2087 Jan	96.1	0.0349	0.0282	0.00159	16.3	0.0294	7.11	0.00105	0.00105	0.0000053	0.00534	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000212
2087 Feb	96.1	0.0349	0.0282	0.00159	16.3	0.0294	7.11	0.00105	0.00105	0.0000053	0.00534	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000212
2087 Mar	96.1	0.0349	0.0282	0.00159	16.3	0.0294	7.11	0.00105	0.00105	0.0000053	0.00535	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000212
2087 Apr	96.1	0.0349	0.0282	0.00159	16.3	0.0295	7.11	0.00105	0.00105	0.0000053	0.00535	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000213
2087 May	96.2	0.035	0.0282	0.00159	16.3	0.0294	7.11	0.00105	0.00105	0.00000531	0.00535	0.00091	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000202	0.000213
2087 Jun	95.7	0.035	0.0281	0.00158	16.3	0.0293	7.08	0.00105	0.00105	0.00000529	0.00534	0.000911	0.0105	0.017	0.00000529	14.6	0.0000136	0.000202	0.000214
2087 Jul	96	0.0351	0.0281	0.00158	16.3	0.0294	7.1	0.00105	0.00105	0.00000531	0.00536	0.000915	0.0106	0.0171	0.00000531	14.6	0.0000136	0.000203	0.000215
2087 Aug	96.4	0.0353	0.0283	0.00159	16.4	0.0296	7.14	0.00106	0.00106	0.00000533	0.00539	0.000919	0.0106	0.0171	0.00000534	14.7	0.0000137	0.000204	0.000216
2087 Sep	96.6	0.0354	0.0283	0.00159	16.4	0.0296	7.15	0.00106	0.00106	0.00000534	0.0054	0.000921	0.0107	0.0172	0.00000535	14.7	0.0000137	0.000204	0.000216
2087 Oct	96.5	0.0354	0.0283	0.00159	16.4	0.0296	7.14	0.00106	0.00106	0.00000534	0.0054	0.00092	0.0107	0.0172	0.00000534	14.7	0.0000137	0.000204	0.000216
2087 Nov	96.5	0.0354	0.0283	0.00159	16.4	0.0296	7.14	0.00106	0.00106	0.00000534	0.0054	0.00092	0.0107	0.0172	0.00000534	14.7	0.0000137	0.000204	0.000216
2087 Dec	96.5	0.0354	0.0283	0.00159	16.4	0.0296	7.14	0.00106	0.00106	0.00000534	0.0054	0.00092	0.0107	0.0172	0.00000534	14.7	0.0000137	0.000204	0.000216
2088 Jan	96.5	0.0354	0.0283	0.00159	16.4	0.0296	7.14	0.00106	0.00106	0.00000534	0.0054	0.00092	0.0107	0.0172	0.00000534	14.7	0.0000137	0.000204	0.000216
2088 Feb	96.5	0.0354	0.0283	0.00159	16.4	0.0296	7.14	0.00106	0.00106	0.00000534	0.0054	0.00092	0.0107	0.0172	0.00000534	14.7	0.0000137	0.000204	0.000216
2088 Mar	96.5	0.0354	0.0283	0.00159	16.4	0.0296	7.14	0.00106	0.00106	0.00000534	0.0054	0.00092	0.0107	0.0172	0.00000534	14.7	0.0000137	0.000204	0.000216

Appendix D.3-1: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2088 Apr	96.6	0.0355	0.0283	0.00159	16.4	0.0296	7.15	0.00106	0.00106	0.00000534	0.00541	0.000921	0.0107	0.0172	0.00000535	14.7	0.0000137	0.000204	0.000216
2088 May	96.8	0.0356	0.0284	0.0016	16.5	0.0297	7.17	0.00106	0.00106	0.00000535	0.00542	0.000924	0.0107	0.0172	0.00000536	14.8	0.0000138	0.000205	0.000217
2088 Jun	96.3	0.0354	0.0282	0.00159	16.4	0.0296	7.13	0.00106	0.00106	0.00000534	0.00542	0.000922	0.0107	0.0172	0.00000535	14.7	0.0000138	0.000205	0.000216
2088 Jul	96.7	0.0355	0.0283	0.0016	16.4	0.0297	7.15	0.00106	0.00106	0.00000537	0.00545	0.000927	0.0107	0.0173	0.00000537	14.8	0.0000138	0.000206	0.000217
2088 Aug	97.3	0.0358	0.0285	0.00161	16.6	0.0299	7.2	0.00107	0.00107	0.0000054	0.00548	0.000933	0.0108	0.0174	0.00000541	14.9	0.0000139	0.000207	0.000219
2088 Sep	97.5	0.0359	0.0285	0.00161	16.6	0.03	7.21	0.00107	0.00107	0.00000541	0.00549	0.000935	0.0108	0.0174	0.00000542	14.9	0.000014	0.000207	0.000219
2088 Oct	97	0.0359	0.0284	0.0016	16.5	0.0299	7.18	0.00107	0.00107	0.00000539	0.00548	0.000932	0.0108	0.0173	0.0000054	14.9	0.0000139	0.000207	0.000218
2088 Nov	97	0.0359	0.0284	0.0016	16.5	0.0299	7.18	0.00107	0.00107	0.00000539	0.00548	0.000931	0.0108	0.0173	0.00000539	14.9	0.0000139	0.000206	0.000218
2088 Dec	97	0.0359	0.0284	0.0016	16.5	0.0299	7.18	0.00107	0.00107	0.00000539	0.00548	0.000931	0.0108	0.0173	0.00000539	14.9	0.0000139	0.000206	0.000218
2089 Jan	97	0.0359	0.0284	0.0016	16.5	0.0299	7.18	0.00107	0.00107	0.00000539	0.00548	0.000931	0.0108	0.0173	0.00000539	14.9	0.0000139	0.000206	0.000218
2089 Feb	97	0.0359	0.0284	0.0016	16.5	0.0299	7.18	0.00107	0.00107	0.00000539	0.00548	0.000931	0.0108	0.0173	0.00000539	14.9	0.0000139	0.000207	0.000218
2089 Mar	97	0.0359	0.0284	0.0016	16.5	0.0299	7.18	0.00107	0.00107	0.00000539	0.00548	0.000932	0.0108	0.0173	0.0000054	14.9	0.0000139	0.000207	0.000218
2089 Apr	97.1	0.0359	0.0284	0.00161	16.5	0.0299	7.19	0.00107	0.00107	0.00000539	0.00548	0.000932	0.0108	0.0174	0.0000054	14.9	0.0000139	0.000207	0.000218
2089 May	97.1	0.036	0.0284	0.00161	16.6	0.0299	7.19	0.00107	0.00107	0.0000054	0.00549	0.000935	0.0108	0.0174	0.0000054	14.9	0.000014	0.000207	0.000219
2089 Jun	96.9	0.0361	0.0283	0.0016	16.5	0.0298	7.18	0.00107	0.00107	0.00000539	0.00549	0.000938	0.0108	0.0175	0.00000539	15	0.000014	0.000208	0.000221
2089 Jul	97.3	0.0362	0.0284	0.00161	16.6	0.03	7.2	0.00107	0.00107	0.00000541	0.00552	0.000942	0.0108	0.0176	0.00000542	15.1	0.000014	0.000209	0.000222
2089 Aug	97.6	0.0364	0.0285	0.00161	16.7	0.0301	7.23	0.00108	0.00108	0.00000544	0.00554	0.000946	0.0108	0.0176	0.00000544	15.1	0.0000141	0.00021	0.000223
2089 Sep	97.7	0.0364	0.0285	0.00161	16.7	0.0301	7.24	0.00108	0.00108	0.00000544	0.00555	0.000947	0.0109	0.0177	0.00000544	15.1	0.0000141	0.00021	0.000223
2089 Oct	97.2	0.0365	0.0284	0.00161	16.6	0.0301	7.21	0.00107	0.00107	0.00000542	0.00553	0.000944	0.0108	0.0176	0.00000542	15.1	0.000014	0.000209	0.000222
2089 Nov	97.2	0.0365	0.0284	0.00161	16.6	0.0301	7.21	0.00107	0.00107	0.00000542	0.00553	0.000944	0.0108	0.0176	0.00000542	15.1	0.000014	0.000209	0.000222
2089 Dec	97.2	0.0365	0.0284	0.00161	16.6	0.0301	7.21	0.00107	0.00107	0.00000542	0.00553	0.000944	0.0108	0.0176	0.00000542	15.1	0.000014	0.000209	0.000222
2090 Jan	97.2	0.0365	0.0284	0.00161	16.6	0.0301	7.21	0.00107	0.00107	0.00000542	0.00553	0.000944	0.0108	0.0176	0.00000542	15.1	0.000014	0.000209	0.000222
2090 Feb	97.2	0.0365	0.0284	0.00161	16.6	0.0301	7.21	0.00107	0.00107	0.00000542	0.00553	0.000944	0.0108	0.0176	0.00000542	15.1	0.0000141	0.000209	0.000222
2090 Mar	97.2	0.0365	0.0284	0.00161	16.6	0.0301	7.21	0.00107	0.00107	0.00000542	0.00553	0.000944	0.0108	0.0176	0.00000542	15.1	0.0000141	0.000209	0.000222
2090 Apr	97.3	0.0365	0.0284	0.00161	16.6	0.0301	7.21	0.00108	0.00108	0.00000542	0.00554	0.000944	0.0108	0.0176	0.00000543	15.1	0.0000141	0.000209	0.000222
2090 May	97.4	0.0366	0.0284	0.00161	16.6	0.0301	7.22	0.00108	0.00108	0.00000543	0.00554	0.000946	0.0108	0.0176	0.00000543	15.1	0.0000141	0.00021	0.000222
2090 Jun	96.6	0.0365	0.0281	0.00159	16.5	0.0299	7.16	0.00107	0.00107	0.00000539	0.00553	0.000947	0.0108	0.0177	0.0000054	15.1	0.0000141	0.00021	0.000223
2090 Jul	96.8	0.0366	0.0282	0.0016	16.6	0.03	7.18	0.00107	0.00107	0.00000541	0.00555	0.00095	0.0108	0.0177	0.00000542	15.2	0.0000141	0.000211	0.000224
2090 Aug	96.6	0.0366	0.0281	0.00159	16.6	0.03	7.16	0.00107	0.00107	0.0000054	0.00554	0.000949	0.0108	0.0177	0.00000541	15.2	0.0000141	0.000211	0.000224
2090 Sep	96.3	0.0366	0.028	0.00159	16.5	0.0299	7.15	0.00107	0.00107	0.0000054	0.00554	0.000949	0.0108	0.0177	0.0000054	15.1	0.0000141	0.00021	0.000223
2090 Oct	95.9	0.0367	0.0279	0.00158	16.5	0.0299	7.11	0.00107	0.00107	0.00000538	0.00553	0.000946	0.0107	0.0176	0.00000538	15.1	0.000014	0.00021	0.000222
2090 Nov	95.7	0.0367	0.0278	0.00158	16.4	0.0298	7.1	0.00106	0.00106	0.00000537	0.00552	0.000945	0.0107	0.0176	0.00000537	15.1	0.000014	0.000209	0.000222
2090 Dec	95.7	0.0367	0.0278	0.00158	16.4	0.0298	7.1	0.00106	0.00106	0.00000537	0.00552	0.000945	0.0107	0.0176	0.00000537	15.1	0.000014	0.000209	0.000222
2091 Jan	95.7	0.0367	0.0278	0.00158	16.4	0.0298	7.1	0.00106	0.00106	0.00000537	0.00552	0.000945	0.0107	0.0176	0.00000537	15.1	0.000014	0.000209	0.000222
2091 Feb	95.7	0.0367	0.0278	0.00158	16.4	0.0298	7.1	0.00106	0.00106	0.00000537	0.00552	0.000945	0.0107	0.0176	0.00000537	15.1	0.000014	0.000209	0.000222
2091 Mar	95.7	0.0367	0.0278	0.00158	16.4	0.0298	7.1	0.00106	0.00106	0.00000537	0.00552	0.000945	0.0107	0.0176	0.00000537	15.1	0.000014	0.000209	0.000222
2091 Apr	95.8	0.0367	0.0278	0.00158	16.4	0.0299	7.11	0.00107	0.00107	0.00000537	0.00553	0.000946	0.0107	0.0176	0.00000538	15.1	0.000014	0.00021	0.000222
2091 May	95.9	0.0368	0.0279	0.00158	16.5	0.0299	7.12	0.00107	0.00107	0.00000538	0.00554	0.000949	0.0107	0.0177	0.00000539	15.1	0.0000141	0.00021	0.000223
2091 Jun	95.4	0.0369	0.0277	0.00157	16.4	0.0297	7.08	0.00106	0.00106	0.00000536	0.00553	0.000951	0.0107	0.0178	0.00000536	15.2	0.0000141	0.000211	0.000225
2091 Jul	96	0.0371	0.0278	0.00158	16.5	0.0299	7.13	0.00107	0.00107	0.00000539	0.00557	0.000957	0.0108	0.0179	0.0000054	15.3	0.0000142	0.000212	0.000226
2091 Aug	96	0.0371	0.0278	0.00158	16.5	0.0299	7.13	0.00107	0.00107	0.0000054	0.00557	0.000958	0.0108	0.0179	0.0000054	15.3	0.0000142	0.000212	0.000226
2091 Sep	95.9	0.0372	0.0278	0.00158	16.5	0.03	7.12	0.00107	0.00107	0.00000539	0.00557	0.000958	0.0108	0.0179	0.0000054	15.3	0.0000141	0.000212	0.000226
2091 Oct	95.6	0.0372	0.0277	0.00158	16.5	0.0299	7.1	0.00107	0.00107	0.00000538	0.00556	0.000956	0.0107	0.0178	0.00000539	15.3	0.0000141	0.000212	0.000225
2091 Nov	95.3	0.0372	0.0276	0.00157	16.4	0.0299	7.09	0.00107	0.00107	0.00000537	0.00556	0.000954	0.0107	0.0178	0.00000538	15.2	0.0000141	0.000211	0.000225
2091 Dec	95.3	0.0372	0.0276	0.00157	16.4	0.0299	7.09	0.00107	0.00107	0.00000537	0.00556	0.000954	0.0107	0.0178	0.00000538	15.2	0.0000141	0.000211	0.000225
2092 Jan	95.3	0.0372	0.0276	0.00157	16.4	0.0299	7.09	0.00107	0.00107	0.00000537	0.00556	0.000954	0.0107	0.0178	0.00000538	15.2	0.0000141	0.000211	0.000225
2092 Feb	95.3	0.0372	0.0276	0.00157	16.4	0.0299	7.09	0.00107	0.00107	0.00000537	0.00556	0.000954	0.0107	0.0178	0.00000538	15.2	0.0000141	0.000211	0.000225
2092 Mar	95.4	0.0372	0.0276	0.00157	16.4	0.0299	7.09	0.00107	0.00107	0.00000537	0.00556	0.000954	0.0107	0.0178	0.00000538	15.2	0.0000141	0.000212	0.000225
2092 Apr	95.4	0.0372	0.0276	0.00158	16.5	0.0299	7.09	0.00107	0.00107	0.00000538	0.00556	0.000955	0.0107	0.0178	0.00000538	15.3	0.0000141	0.000212	0.000225
2092 May	95.5	0.0373	0.0277	0.00158	16.5	0.0299	7.1	0.00107	0.00107	0.00000538	0.00557	0.000958	0.0107	0.0179	0.00000539	15.3	0.0000141	0.000212	0.000226
2092 Jun	94.3	0.0372	0.0273	0.00155	16.3	0.0295	7.01	0.00106	0.00106	0.00000532	0.00553	0.000955	0.0106	0.0179	0.00000533	15.3	0.0000141	0.000212	0.000227
2092 Jul	94.3	0.0372	0.0273	0.00155	16.3	0.0295	7.01	0.00106	0.00106	0.00000533	0.00554	0.000956	0.0106	0.0179	0.00000533	15.3	0.0000141	0.000212	0.000227
2092 Aug	94.8	0.0374	0.0274	0.00156	16.4	0.0297	7.05	0.00106	0.00106	0.00000536	0.00557	0.000961	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228
2092 Sep	94.8	0.0374	0.0274	0.00156	16.4	0.0297	7.05	0.00106	0.00106	0.00000536	0.00557	0.000962	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228
2092 Oct	94.7	0.0375	0.0274	0.00156	16.4	0.0297	7.04	0.00106	0.00106	0.00000536	0.00557	0.000961	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228
2092 Nov	94.7	0.0375	0.0273	0.00156	16.4	0.0297	7.04	0.00106	0.00106	0.00000536	0.00557	0.000961	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228
2092 Dec	94.7	0.0375	0.0273	0.00156	16.4	0.0297	7.04	0.00106	0.00106	0.00000536	0.00557	0.000961	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228
2093 Jan	94.7	0.0375	0.0273	0.00156	16.4	0.0297	7.04	0.00106	0.00106	0.00000536	0.00557	0.000961	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228
2093 Feb	94.7	0.0375	0.0274	0.00156	16.4	0.0297	7.04	0.00106	0.00106	0.00000536	0.00557	0.000961	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228
2093 Mar	94.7	0.0375	0.0274	0.00156	16.4	0.0297	7.05	0.00106	0.00106	0.00000536	0.00557	0.000962	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228
2093 Apr	94.8	0.0375	0.0274	0.00156	16.4	0.0298	7.05	0.00106	0.00106	0.00000536	0.00558	0.000962	0.0107	0.018	0.00000537	15.4	0.0000142	0.000214	0.000228
2093 May	94.9	0.0376	0.0274	0.00156	16.4	0.0298	7.06	0.00107	0.00107	0.00000537	0.00559	0.000965	0.0107	0.0181	0.00000537	15.4	0.0000142	0.000214	0.000229
2093 Jun	94.3	0.0376	0.0272	0.00155	16.4	0.0296	7.02	0.00106	0.00106	0.00000534	0.00557	0.000965	0.0106	0.0181	0.00000535	15.4	0.0000142	0.000214	0.00023
2093 Jul	94.7	0.0377	0.0273	0.00156	16.4	0.0297	7.05	0.00106	0.00106	0.00000537	0.0056	0.00097	0.0107	0.0182	0.00000537	15.5	0.0000143	0.000215	0.000231
2093 Aug	95.1	0.0379	0.0274	0.00157	16.5	0.0299	7.08	0.00107	0.00107	0.00000539	0.00562	0.000974	0.0107	0.0182	0.00000539	15.6	0.0000143	0.000216	0.000231
2093 Sep	95.1	0.038	0.0274	0.00157	16.5	0.0299	7.08	0.00107	0.00107	0.00000539	0.00563	0.000974	0.0107	0.0182	0.0000054	15.6	0.0000143	0.000216	0.000232
2093 Oct	94.6	0.0379	0.0273	0.00156	16.4	0.0298	7.04	0.00106	0.00106	0.00000537	0.00561	0.00097	0.0107	0.0182	0.00000537	15.5	0.0000143	0.000215	0.00023
2093 Nov	94.4	0.038	0.0272	0.00156	16.4	0.0298	7.03	0.00106	0.00106	0.00000536	0.0056	0.000969	0.0107	0.0181	0.00000536	15.5	0.0000142	0.000215	0.00023
2093 Dec	94.5	0.038	0.0272	0.00156	16.4	0.0298	7.03	0.00106	0.00106	0.00000536	0.0056	0.000969	0.0107	0.0181	0.00000536	15.5	0.0000142	0.000215	0.00023
2094 Jan	94.5	0.038	0.0272	0.00156	16.4	0.0298	7.03	0.00106	0.00106	0.00000536	0.0056	0.000969	0.0107	0.0181	0.00000536	15.5	0.0000142	0.000215	0.00023
2094 Feb	94.5	0.038	0.0272	0.00156	16.4	0.0298	7.03	0.00106	0.00106	0.00000536	0.0056	0.00097	0.0107	0.0181	0.00000536	15.5	0.0000142	0.000215	0.00023
2094 Mar	94.5	0.038	0.0272	0.00156	16.4	0.0298	7.04	0.00106	0.00106	0.00000536	0.00561	0.00097	0.0107	0.0182	0.00000537	15.5	0.0000143	0.000215	0.00023
2094 Apr	94.5	0.038	0.0272	0.00156	16.4	0.0298	7.04	0.00106	0.00106	0.00000536	0.00561	0.00097	0.0107	0.0182	0.00000537	15.5	0.0000143	0.000215	0.00023
2094 May	94.5	0.0381	0.0272	0.00156	16.4	0.0298	7.04	0.00106	0.00106	0.00000536	0.00561	0.000972	0.0107	0.0182	0.00000537	15.6	0.0000143	0.000216	0.000231
2094 Jun	94.3	0.0382	0.0271	0.00155	16.4	0.0297	7.03	0.00106	0.00106	0.00000536	0.00562	0.000975	0.0107	0.0183	0.00000536	15.6	0.0000143	0.000217	0.000233
2094 Jul	95	0.0385	0.0273	0.00156	16.5	0.0299	7.08	0.00107	0.00107	0.0000054	0.00566	0.000983	0.0108	0.0184	0.0000054	15.7	0.0000144	0.000218	0.000234
2094 Aug	95.7	0.0387	0.0275	0.00157	16.7	0.0301	7.13	0.00108	0.00108	0.00000544	0.0057	0.00099	0.0108	0.0186	0.00000544	15.9	0.0000145	0.00022	0.000236

Appendix D.3-1: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2094 Sep	95.7	0.0388	0.0275	0.00157	16.7	0.0302	7.13	0.00108	0.00108	0.00000544	0.0057	0.00099	0.0108	0.0186	0.00000544	15.9	0.0000145	0.00022	0.000236
2094 Oct	95.3	0.0388	0.0274	0.00157	16.6	0.0301	7.11	0.00108	0.00108	0.00000542	0.00569	0.000987	0.0108	0.0185	0.00000543	15.8	0.0000145	0.000219	0.000235
2094 Nov	95	0.0388	0.0273	0.00156	16.6	0.03	7.08	0.00107	0.00107	0.0000054	0.00568	0.000985	0.0108	0.0185	0.00000541	15.8	0.0000144	0.000219	0.000234
2094 Dec	95	0.0388	0.0273	0.00156	16.6	0.03	7.08	0.00107	0.00107	0.0000054	0.00568	0.000984	0.0108	0.0184	0.00000541	15.8	0.0000144	0.000218	0.000234
2095 Jan	95	0.0388	0.0273	0.00156	16.6	0.03	7.08	0.00107	0.00107	0.0000054	0.00568	0.000984	0.0108	0.0185	0.00000541	15.8	0.0000144	0.000218	0.000234
2095 Feb	95	0.0388	0.0273	0.00156	16.6	0.03	7.08	0.00107	0.00107	0.0000054	0.00568	0.000984	0.0108	0.0185	0.00000541	15.8	0.0000144	0.000218	0.000234
2095 Mar	95	0.0388	0.0273	0.00156	16.6	0.03	7.08	0.00107	0.00107	0.0000054	0.00568	0.000985	0.0108	0.0185	0.00000541	15.8	0.0000144	0.000219	0.000234
2095 Apr	95	0.0388	0.0273	0.00156	16.6	0.03	7.09	0.00107	0.00107	0.00000541	0.00568	0.000985	0.0108	0.0185	0.00000541	15.8	0.0000144	0.000219	0.000234
2095 May	95	0.0389	0.0273	0.00156	16.6	0.03	7.09	0.00107	0.00107	0.00000541	0.00568	0.000987	0.0108	0.0185	0.00000541	15.8	0.0000145	0.000219	0.000235
2095 Jun	95.1	0.039	0.0273	0.00156	16.6	0.03	7.1	0.00107	0.00107	0.00000541	0.0057	0.000991	0.0108	0.0186	0.00000542	15.9	0.0000145	0.00022	0.000237
2095 Jul	95.8	0.0393	0.0275	0.00157	16.7	0.0303	7.14	0.00108	0.00108	0.00000545	0.00574	0.000998	0.0109	0.0187	0.00000546	16	0.0000146	0.000222	0.000238
2095 Aug	95.7	0.0393	0.0275	0.00157	16.7	0.0303	7.14	0.00108	0.00108	0.00000545	0.00574	0.000998	0.0109	0.0187	0.00000546	16	0.0000146	0.000222	0.000238
2095 Sep	95.7	0.0393	0.0275	0.00157	16.7	0.0303	7.14	0.00108	0.00108	0.00000546	0.00574	0.000999	0.0109	0.0187	0.00000546	16	0.0000146	0.000222	0.000238
2095 Oct	95.7	0.0394	0.0275	0.00157	16.7	0.0303	7.14	0.00108	0.00108	0.00000546	0.00574	0.000999	0.0109	0.0187	0.00000546	16	0.0000146	0.000222	0.000238
2095 Nov	95.6	0.0394	0.0274	0.00157	16.7	0.0303	7.13	0.00108	0.00108	0.00000545	0.00574	0.000998	0.0109	0.0187	0.00000545	16	0.0000146	0.000221	0.000238
2095 Dec	95.6	0.0394	0.0274	0.00157	16.7	0.0303	7.13	0.00108	0.00108	0.00000545	0.00574	0.000998	0.0109	0.0187	0.00000545	16	0.0000146	0.000221	0.000238
2096 Jan	95.6	0.0394	0.0274	0.00157	16.7	0.0303	7.13	0.00108	0.00108	0.00000545	0.00574	0.000998	0.0109	0.0187	0.00000545	16	0.0000146	0.000221	0.000238
2096 Feb	95.6	0.0394	0.0274	0.00157	16.7	0.0303	7.13	0.00108	0.00108	0.00000545	0.00574	0.000998	0.0109	0.0187	0.00000545	16	0.0000146	0.000221	0.000238
2096 Mar	95.6	0.0394	0.0274	0.00157	16.7	0.0303	7.13	0.00108	0.00108	0.00000545	0.00574	0.000998	0.0109	0.0187	0.00000546	16	0.0000146	0.000222	0.000238
2096 Apr	95.6	0.0394	0.0274	0.00157	16.7	0.0303	7.14	0.00108	0.00108	0.00000545	0.00574	0.000999	0.0109	0.0187	0.00000546	16	0.0000146	0.000222	0.000238
2096 May	95.7	0.0395	0.0275	0.00157	16.7	0.0303	7.15	0.00108	0.00108	0.00000546	0.00575	0.001	0.0109	0.0188	0.00000546	16	0.0000146	0.000222	0.000239
2096 Jun	94.7	0.0393	0.0271	0.00156	16.6	0.03	7.07	0.00107	0.00107	0.00000541	0.00572	0.000997	0.0108	0.0187	0.00000542	16	0.0000146	0.000222	0.000238
2096 Jul	94.9	0.0394	0.0272	0.00156	16.6	0.0301	7.09	0.00108	0.00108	0.00000543	0.00575	0.001	0.0108	0.0188	0.00000544	16	0.0000146	0.000222	0.000239
2096 Aug	95.5	0.0397	0.0273	0.00157	16.7	0.0303	7.13	0.00108	0.00108	0.00000547	0.00578	0.00101	0.0109	0.0189	0.00000547	16.1	0.0000147	0.000224	0.000241
2096 Sep	95.4	0.0397	0.0273	0.00157	16.7	0.0303	7.12	0.00108	0.00108	0.00000546	0.00578	0.00101	0.0109	0.0189	0.00000547	16.1	0.0000147	0.000224	0.00024
2096 Oct	94.9	0.0397	0.0271	0.00156	16.6	0.0302	7.09	0.00108	0.00108	0.00000544	0.00576	0.001	0.0108	0.0188	0.00000544	16.1	0.0000147	0.000223	0.000239
2096 Nov	94.9	0.0397	0.0271	0.00156	16.6	0.0302	7.09	0.00108	0.00108	0.00000544	0.00576	0.001	0.0108	0.0188	0.00000544	16.1	0.0000147	0.000223	0.000239
2096 Dec	94.9	0.0397	0.0271	0.00156	16.6	0.0302	7.09	0.00108	0.00108	0.00000544	0.00576	0.001	0.0108	0.0188	0.00000544	16.1	0.0000147	0.000223	0.000239
2097 Jan	94.9	0.0397	0.0271	0.00156	16.6	0.0302	7.09	0.00108	0.00108	0.00000544	0.00576	0.001	0.0108	0.0188	0.00000544	16.1	0.0000147	0.000223	0.000239
2097 Feb	94.9	0.0397	0.0271	0.00156	16.6	0.0302	7.09	0.00108	0.00108	0.00000544	0.00576	0.001	0.0108	0.0188	0.00000544	16.1	0.0000147	0.000223	0.000239
2097 Mar	94.9	0.0398	0.0271	0.00156	16.6	0.0302	7.09	0.00108	0.00108	0.00000544	0.00576	0.001	0.0108	0.0188	0.00000544	16.1	0.0000147	0.000223	0.000239
2097 Apr	94.9	0.0398	0.0271	0.00156	16.6	0.0303	7.09	0.00108	0.00108	0.00000544	0.00577	0.001	0.0108	0.0188	0.00000545	16.1	0.0000147	0.000223	0.000239
2097 May	95.1	0.0399	0.0272	0.00156	16.7	0.0303	7.11	0.00108	0.00108	0.00000545	0.00578	0.00101	0.0109	0.0189	0.00000546	16.1	0.0000147	0.000223	0.00024
2097 Jun	94.9	0.0399	0.0271	0.00156	16.7	0.0302	7.09	0.00108	0.00108	0.00000544	0.00578	0.00101	0.0108	0.0189	0.00000545	16.2	0.0000147	0.000224	0.000241
2097 Jul	95.5	0.0402	0.0273	0.00157	16.8	0.0304	7.13	0.00109	0.00109	0.00000548	0.00582	0.00102	0.0109	0.0191	0.00000548	16.3	0.0000148	0.000225	0.000243
2097 Aug	95.8	0.0403	0.0274	0.00157	16.8	0.0305	7.16	0.00109	0.00109	0.0000055	0.00584	0.00102	0.011	0.0191	0.0000055	16.3	0.0000149	0.000226	0.000244
2097 Sep	96	0.0404	0.0274	0.00158	16.9	0.0306	7.17	0.00109	0.00109	0.00000551	0.00585	0.00102	0.011	0.0192	0.00000551	16.4	0.0000149	0.000227	0.000244
2097 Oct	95.9	0.0405	0.0274	0.00158	16.8	0.0306	7.17	0.00109	0.00109	0.0000055	0.00585	0.00102	0.011	0.0192	0.00000551	16.3	0.0000149	0.000227	0.000244
2097 Nov	95.8	0.0405	0.0273	0.00157	16.8	0.0306	7.16	0.00109	0.00109	0.0000055	0.00585	0.00102	0.011	0.0191	0.0000055	16.3	0.0000149	0.000226	0.000244
2097 Dec	95.7	0.0405	0.0273	0.00157	16.8	0.0306	7.16	0.00109	0.00109	0.0000055	0.00585	0.00102	0.011	0.0191	0.0000055	16.3	0.0000149	0.000226	0.000243
2098 Jan	95.7	0.0405	0.0273	0.00157	16.8	0.0306	7.16	0.00109	0.00109	0.0000055	0.00585	0.00102	0.011	0.0191	0.0000055	16.3	0.0000149	0.000226	0.000243
2098 Feb	95.7	0.0405	0.0273	0.00157	16.8	0.0306	7.16	0.00109	0.00109	0.0000055	0.00585	0.00102	0.011	0.0191	0.0000055	16.3	0.0000149	0.000226	0.000243
2098 Mar	95.7	0.0405	0.0273	0.00157	16.8	0.0306	7.16	0.00109	0.00109	0.0000055	0.00585	0.00102	0.011	0.0191	0.0000055	16.3	0.0000149	0.000226	0.000243
2098 Apr	95.8	0.0405	0.0273	0.00157	16.8	0.0306	7.16	0.00109	0.00109	0.0000055	0.00585	0.00102	0.011	0.0192	0.00000551	16.3	0.0000149	0.000226	0.000244
2098 May	95.8	0.0406	0.0273	0.00157	16.9	0.0306	7.16	0.00109	0.00109	0.0000055	0.00585	0.00102	0.011	0.0192	0.00000551	16.4	0.0000149	0.000227	0.000245
2098 Jun	94.8	0.0405	0.027	0.00155	16.7	0.0302	7.09	0.00108	0.00108	0.00000545	0.00582	0.00102	0.0108	0.0192	0.00000546	16.4	0.0000148	0.000227	0.000246
2098 Jul	95.4	0.0407	0.0272	0.00156	16.8	0.0304	7.14	0.00109	0.00109	0.00000549	0.00586	0.00103	0.0109	0.0193	0.00000549	16.5	0.0000149	0.000228	0.000247
2098 Aug	95.6	0.0408	0.0272	0.00157	16.9	0.0305	7.15	0.00109	0.00109	0.0000055	0.00587	0.00103	0.0109	0.0194	0.0000055	16.5	0.000015	0.000229	0.000248
2098 Sep	95.1	0.0408	0.0271	0.00156	16.8	0.0304	7.12	0.00109	0.00109	0.00000548	0.00585	0.00103	0.0109	0.0193	0.00000548	16.5	0.0000149	0.000228	0.000246
2098 Oct	94.7	0.0408	0.0269	0.00155	16.7	0.0304	7.09	0.00108	0.00108	0.00000546	0.00584	0.00102	0.0109	0.0192	0.00000546	16.4	0.0000148	0.000227	0.000245
2098 Nov	94.6	0.0408	0.0269	0.00155	16.7	0.0303	7.08	0.00108	0.00108	0.00000545	0.00583	0.00102	0.0109	0.0192	0.00000546	16.4	0.0000148	0.000227	0.000245
2098 Dec	94.6	0.0408	0.0269	0.00155	16.7	0.0303	7.08	0.00108	0.00108	0.00000545	0.00583	0.00102	0.0109	0.0192	0.00000546	16.4	0.0000148	0.000227	0.000245
2099 Jan	94.6	0.0408	0.0269	0.00155	16.7	0.0303	7.08	0.00108	0.00108	0.00000545	0.00583	0.00102	0.0109	0.0192	0.00000546	16.4	0.0000148	0.000227	0.000245
2099 Feb	94.6	0.0408	0.0269	0.00155	16.7	0.0303	7.08	0.00108	0.00108	0.00000545	0.00583	0.00102	0.0109	0.0192	0.00000546	16.4	0.0000148	0.000227	0.000245
2099 Mar	94.6	0.0408	0.0269	0.00155	16.7	0.0303	7.09	0.00108	0.00108	0.00000545	0.00583	0.00102	0.0109	0.0192	0.00000546	16.4	0.0000148	0.000227	0.000245
2099 Apr	94.7	0.0409	0.0269	0.00155	16.7	0.0304	7.09	0.00108	0.00108	0.00000546	0.00584	0.00102	0.0109	0.0193	0.00000546	16.4	0.0000149	0.000227	0.000246
2099 May	94.5	0.041	0.0268	0.00155	16.7	0.0302	7.08	0.00108	0.00108	0.00000544	0.00583	0.00103	0.0108	0.0194	0.00000545	16.5	0.0000149	0.000228	0.000248
2099 Jun	94.2	0.041	0.0267	0.00154	16.7	0.0301	7.06	0.00108	0.00108	0.00000543	0.00582	0.00103	0.0108	0.0194	0.00000543	16.5	0.0000148	0.000228	0.000248
2099 Jul	94.7	0.0412	0.0269	0.00155	16.8	0.0303	7.1	0.00108	0.00108	0.00000546	0.00586	0.00103	0.0109	0.0195	0.00000546	16.6	0.0000149	0.00023	0.00025
2099 Aug	95.2	0.0414	0.027	0.00156	16.9	0.0305	7.13	0.00109	0.00109	0.00000549	0.00589	0.00104	0.0109	0.0196	0.00000549	16.7	0.000015	0.000231	0.000251
2099 Sep	95	0.0414	0.0269	0.00155	16.8	0.0304	7.12	0.00109	0.00109	0.00000548	0.00588	0.00104	0.0109	0.0196	0.00000548	16.7	0.000015	0.000231	0.000251
2099 Oct	94.7	0.0414	0.0269	0.00155	16.8	0.0304	7.1	0.00109	0.00109	0.00000547	0.00587	0.00104	0.0109	0.0195	0.00000547	16.6	0.0000149	0.00023	0.00025
2099 Nov	94.6	0.0414	0.0268	0.00155	16.8	0.0304	7.09	0.00108	0.00108	0.00000546	0.00586	0.00103	0.0109	0.0195	0.00000546	16.6	0.0000149	0.00023	0.000249
2099 Dec	94.6	0.0414	0.0268	0.00155	16.8	0.0304	7.09	0.00108	0.00108	0.00000546	0.00586	0.00103	0.0109	0.0195	0.00000547	16.6	0.0000149	0.00023	0.000249
2100 Jan	94.6	0.0414	0.0268	0.00155	16.8	0.0304	7.09	0.00108	0.00108	0.00000546	0.00586	0.00103	0.0109	0.0195	0.00000547	16.6	0.0000149	0.00023	0.000249
2100 Feb	94.6	0.0414	0.0268	0.00155	16.8	0.0304	7.09	0.00108	0.00108	0.00000546	0.00586	0.00103	0.0109	0.0195	0.00000547	16.6	0.0000149	0.00023	0.000249
2100 Mar	94.6	0.0414	0.0268	0.00155	16.8	0.0304	7.09	0.00108	0.00108	0.00000546	0.00586	0.00103	0.0109	0.0195	0.00000547	16.6	0.0000149	0.00023	0.00025
2100 Apr	94.6	0.0415	0.0268	0.00155	16.8	0.0304	7.1	0.00108	0.00108	0.00000547	0.00587	0.00103	0.0109	0.0195	0.00000547	16.6	0.0000149	0.00023	0.00025
2100 May	94.7	0.0416	0.0268	0.00155	16.8	0.0304	7.1	0.00109	0.00109	0.00000547	0.00588	0.00104	0.0109	0.0196	0.00000547	16.7	0.000015	0.000231	0.000251
2100 Jun	93.8	0.0414	0.0266	0.00153	16.7	0.0301	7.04	0.00108	0.00108	0.00000542	0.00584	0.00104	0.0108	0.0196	0.00000543	16.7	0.0000149	0.00023	0.000251
2100 Jul	94	0.0415	0.0266	0.00153	16.7	0.0302	7.05	0.00108	0.00108	0.00000543	0.00586	0.00104	0.0108	0.0196	0.00000544	16.7	0.0000149	0.000231	0.000252
2100 Aug	93.9	0.0415	0.0266	0.00153	16.7	0.0302	7.05	0.00108	0.00108	0.00000543	0.00586	0.00104	0.0108	0.0196	0.00000544	16.7	0.0000149	0.000231	0.000252
2100 Sep	93.9	0.0415	0.0266	0.00153	16.7	0.0302	7.05	0.00108	0.00108	0.00000544	0.00586	0.00104	0.0108	0.0196	0.00000544	16.7	0.0000149	0.000231	0.000252
2100 Oct	93.9	0.0416	0.0266	0.00153	16.7	0.0302	7.05	0.00108	0.00108	0.00000544	0.00586	0.00104	0.0108	0.0196	0.00000544	16.7	0.0000149	0.000231	0.000252
2100 Nov	93.9	0.0416	0.0266	0.00153	16.7	0.0302	7.05	0.00108	0.00108	0.00000544	0.00586	0.00104	0.0108	0.0196	0.00000544	16.7	0.0000149	0.000231	0.000252
2100 Dec	93.9	0.0416	0.0266	0.00153	16.7	0.0302	7.05	0.00108	0.00108	0.00000544	0.00586	0.00104	0.0108	0.0196	0.00000544	16.7	0.0000149	0.000231	0.000252
2101 Jan	93.9	0.0416	0.0266	0.00153	16.7	0.0302	7.05	0.00108	0.00108	0.00000544	0.00586	0.00104	0.0108	0.0196	0.00000544	16.7	0.0000149	0.000231	0.000252

Appendix D.3-1: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2101 Feb	93.9	0.0416	0.0266	0.00153	16.7	0.0302	7.05	0.00108	0.00108	0.00000544	0.00586	0.00104	0.0108	0.0196	0.00000544	16.7	0.0000149	0.000231	0.000252
2101 Mar	93.9	0.0416	0.0266	0.00153	16.7	0.0302	7.05	0.00108	0.00108	0.00000544	0.00586	0.00104	0.0108	0.0196	0.00000544	16.7	0.0000149	0.000231	0.000252
2101 Apr	94	0.0416	0.0266	0.00154	16.7	0.0302	7.05	0.00108	0.00108	0.00000544	0.00587	0.00104	0.0108	0.0196	0.00000545	16.7	0.0000149	0.000231	0.000252
2101 May	94	0.0417	0.0266	0.00153	16.8	0.0302	7.06	0.00108	0.00108	0.00000544	0.00587	0.00104	0.0108	0.0197	0.00000545	16.8	0.000015	0.000232	0.000253
2101 Jun	93.6	0.0417	0.0264	0.00153	16.7	0.0301	7.03	0.00108	0.00108	0.00000542	0.00586	0.00104	0.0108	0.0197	0.00000542	16.8	0.000015	0.000232	0.000254
2101 Jul	94.1	0.0419	0.0266	0.00153	16.8	0.0303	7.07	0.00108	0.00108	0.00000545	0.00589	0.00105	0.0108	0.0198	0.00000546	16.9	0.0000151	0.000233	0.000255
2101 Aug	94.7	0.0422	0.0267	0.00154	16.9	0.0304	7.11	0.00109	0.00109	0.00000549	0.00593	0.00105	0.0109	0.02	0.00000549	17	0.0000151	0.000235	0.000257
2101 Sep	94.6	0.0422	0.0267	0.00154	16.9	0.0304	7.11	0.00109	0.00109	0.00000549	0.00593	0.00105	0.0109	0.02	0.00000549	17	0.0000151	0.000235	0.000256
2101 Oct	94.5	0.0422	0.0267	0.00154	16.9	0.0304	7.1	0.00109	0.00109	0.00000548	0.00593	0.00105	0.0109	0.0199	0.00000549	17	0.0000151	0.000235	0.000256
2101 Nov	94.3	0.0422	0.0266	0.00154	16.8	0.0304	7.09	0.00109	0.00109	0.00000547	0.00592	0.00105	0.0109	0.0199	0.00000548	16.9	0.0000151	0.000234	0.000256
2101 Dec	94.3	0.0422	0.0266	0.00154	16.8	0.0304	7.09	0.00109	0.00109	0.00000547	0.00592	0.00105	0.0109	0.0199	0.00000548	16.9	0.0000151	0.000234	0.000256
2102 Jan	94.3	0.0422	0.0266	0.00154	16.8	0.0304	7.09	0.00109	0.00109	0.00000547	0.00592	0.00105	0.0109	0.0199	0.00000548	16.9	0.0000151	0.000234	0.000256
2102 Feb	94.3	0.0422	0.0266	0.00154	16.8	0.0304	7.09	0.00109	0.00109	0.00000547	0.00592	0.00105	0.0109	0.0199	0.00000548	16.9	0.0000151	0.000234	0.000256
2102 Mar	94.3	0.0422	0.0266	0.00154	16.8	0.0304	7.09	0.00109	0.00109	0.00000547	0.00592	0.00105	0.0109	0.0199	0.00000548	16.9	0.0000151	0.000234	0.000256
2102 Apr	94.4	0.0422	0.0266	0.00154	16.9	0.0304	7.09	0.00109	0.00109	0.00000547	0.00592	0.00105	0.0109	0.0199	0.00000548	16.9	0.0000151	0.000234	0.000256
2102 May	94.5	0.0423	0.0267	0.00154	16.9	0.0305	7.1	0.00109	0.00109	0.00000548	0.00593	0.00105	0.0109	0.0199	0.00000549	17	0.0000151	0.000235	0.000256
2102 Jun	93.6	0.042	0.0264	0.00153	16.7	0.0302	7.03	0.00108	0.00108	0.00000545	0.00592	0.00105	0.0108	0.0198	0.00000546	16.8	0.0000151	0.000233	0.000254
2102 Jul	93.4	0.0419	0.0263	0.00153	16.7	0.0302	7.01	0.00108	0.00108	0.00000545	0.00592	0.00105	0.0108	0.0198	0.00000545	16.8	0.0000151	0.000233	0.000254
2102 Aug	93.7	0.042	0.0264	0.00153	16.7	0.0303	7.04	0.00109	0.00109	0.00000547	0.00594	0.00105	0.0109	0.0199	0.00000547	16.9	0.0000152	0.000234	0.000255
2102 Sep	93.7	0.0421	0.0264	0.00153	16.8	0.0304	7.04	0.00109	0.00109	0.00000547	0.00595	0.00105	0.0109	0.0199	0.00000548	16.9	0.0000152	0.000234	0.000255
2102 Oct	93.3	0.042	0.0263	0.00153	16.7	0.0303	7.01	0.00108	0.00108	0.00000545	0.00593	0.00105	0.0108	0.0198	0.00000546	16.8	0.0000151	0.000233	0.000254
2102 Nov	93.3	0.042	0.0263	0.00153	16.7	0.0303	7.01	0.00108	0.00108	0.00000545	0.00593	0.00105	0.0108	0.0198	0.00000546	16.8	0.0000151	0.000233	0.000254
2102 Dec	93.3	0.042	0.0263	0.00153	16.7	0.0303	7.01	0.00108	0.00108	0.00000545	0.00593	0.00105	0.0108	0.0198	0.00000546	16.8	0.0000151	0.000233	0.000254
2103 Jan	93.3	0.042	0.0263	0.00153	16.7	0.0303	7.01	0.00108	0.00108	0.00000545	0.00593	0.00105	0.0108	0.0198	0.00000546	16.8	0.0000151	0.000233	0.000254
2103 Feb	93.3	0.042	0.0263	0.00153	16.7	0.0303	7.01	0.00108	0.00108	0.00000545	0.00593	0.00105	0.0108	0.0198	0.00000546	16.8	0.0000151	0.000233	0.000254
2103 Mar	93.3	0.042	0.0263	0.00153	16.7	0.0303	7.01	0.00108	0.00108	0.00000545	0.00593	0.00105	0.0108	0.0198	0.00000546	16.8	0.0000151	0.000233	0.000254
2103 Apr	93.4	0.0421	0.0263	0.00153	16.7	0.0303	7.01	0.00108	0.00108	0.00000546	0.00593	0.00105	0.0109	0.0198	0.00000546	16.9	0.0000151	0.000234	0.000254
2103 May	93.5	0.0422	0.0263	0.00153	16.7	0.0303	7.02	0.00108	0.00108	0.00000546	0.00594	0.00105	0.0109	0.0199	0.00000547	16.9	0.0000152	0.000234	0.000255
2103 Jun	92.8	0.0421	0.0261	0.00151	16.6	0.0301	6.97	0.00108	0.00108	0.00000543	0.00592	0.00105	0.0108	0.0199	0.00000543	16.9	0.0000151	0.000234	0.000256
2103 Jul	93	0.0422	0.0261	0.00152	16.7	0.0302	6.99	0.00108	0.00108	0.00000544	0.00594	0.00105	0.0108	0.02	0.00000545	17	0.0000152	0.000235	0.000256
2103 Aug	93	0.0422	0.0261	0.00152	16.7	0.0302	6.99	0.00108	0.00108	0.00000545	0.00594	0.00106	0.0108	0.02	0.00000545	17	0.0000152	0.000235	0.000256
2103 Sep	92.7	0.0422	0.026	0.00151	16.6	0.0302	6.97	0.00108	0.00108	0.00000544	0.00593	0.00105	0.0108	0.0199	0.00000544	16.9	0.0000151	0.000235	0.000256
2103 Oct	92.2	0.0422	0.0259	0.00151	16.6	0.0301	6.93	0.00107	0.00107	0.00000541	0.00592	0.00105	0.0108	0.0198	0.00000542	16.9	0.0000151	0.000234	0.000254
2103 Nov	92.1	0.0422	0.0258	0.0015	16.5	0.03	6.93	0.00107	0.00107	0.00000541	0.00591	0.00105	0.0107	0.0198	0.00000541	16.8	0.0000151	0.000233	0.000254
2103 Dec	92.1	0.0422	0.0258	0.0015	16.5	0.03	6.93	0.00107	0.00107	0.00000541	0.00591	0.00105	0.0107	0.0198	0.00000541	16.8	0.0000151	0.000233	0.000254
2104 Jan	92.1	0.0422	0.0258	0.0015	16.5	0.03	6.93	0.00107	0.00107	0.00000541	0.00591	0.00105	0.0107	0.0198	0.00000541	16.8	0.0000151	0.000233	0.000254
2104 Feb	92.1	0.0422	0.0258	0.0015	16.5	0.03	6.93	0.00107	0.00107	0.00000541	0.00591	0.00105	0.0107	0.0198	0.00000541	16.8	0.0000151	0.000233	0.000254
2104 Mar	92.1	0.0422	0.0258	0.0015	16.5	0.03	6.93	0.00107	0.00107	0.00000541	0.00591	0.00105	0.0107	0.0198	0.00000541	16.8	0.0000151	0.000233	0.000254
2104 Apr	92.1	0.0423	0.0258	0.00151	16.6	0.0301	6.93	0.00107	0.00107	0.00000541	0.00592	0.00105	0.0108	0.0198	0.00000541	16.9	0.0000151	0.000234	0.000254
2104 May	92.2	0.0424	0.0258	0.00151	16.6	0.0301	6.94	0.00108	0.00108	0.00000541	0.00593	0.00105	0.0108	0.0199	0.00000542	16.9	0.0000151	0.000234	0.000256
2104 Jun	91.5	0.0422	0.0256	0.00149	16.5	0.0298	6.89	0.00107	0.00107	0.00000538	0.0059	0.00105	0.0107	0.0199	0.00000538	16.9	0.0000151	0.000234	0.000256
2104 Jul	91.9	0.0424	0.0257	0.0015	16.5	0.03	6.92	0.00107	0.00107	0.0000054	0.00592	0.00106	0.0107	0.02	0.00000541	17	0.0000151	0.000235	0.000257
2104 Aug	92.1	0.0425	0.0258	0.0015	16.6	0.0301	6.93	0.00108	0.00108	0.00000542	0.00594	0.00106	0.0108	0.02	0.00000542	17	0.0000152	0.000235	0.000257
2104 Sep	91.9	0.0425	0.0257	0.0015	16.6	0.03	6.92	0.00107	0.00107	0.00000541	0.00593	0.00106	0.0107	0.02	0.00000541	17	0.0000151	0.000235	0.000257
2104 Oct	91.6	0.0425	0.0256	0.0015	16.5	0.03	6.9	0.00107	0.00107	0.00000539	0.00592	0.00105	0.0107	0.0199	0.0000054	16.9	0.0000151	0.000234	0.000256
2104 Nov	91.5	0.0425	0.0256	0.00149	16.5	0.03	6.9	0.00107	0.00107	0.00000539	0.00592	0.00105	0.0107	0.0199	0.0000054	16.9	0.0000151	0.000234	0.000256
2104 Dec	91.5	0.0425	0.0256	0.00149	16.5	0.03	6.9	0.00107	0.00107	0.00000539	0.00592	0.00105	0.0107	0.0199	0.0000054	16.9	0.0000151	0.000234	0.000256
2105 Jan	91.5	0.0425	0.0256	0.00149	16.5	0.03	6.9	0.00107	0.00107	0.00000539	0.00592	0.00105	0.0107	0.0199	0.0000054	16.9	0.0000151	0.000234	0.000256
2105 Feb	91.5	0.0425	0.0256	0.00149	16.5	0.03	6.9	0.00107	0.00107	0.00000539	0.00592	0.00105	0.0107	0.0199	0.0000054	16.9	0.0000151	0.000234	0.000256
2105 Mar	91.5	0.0425	0.0256	0.00149	16.5	0.03	6.9	0.00107	0.00107	0.00000539	0.00592	0.00105	0.0107	0.0199	0.0000054	16.9	0.0000151	0.000234	0.000256
2105 Apr	91.6	0.0425	0.0256	0.0015	16.5	0.03	6.9	0.00107	0.00107	0.00000539	0.00592	0.00105	0.0107	0.0199	0.0000054	16.9	0.0000151	0.000235	0.000256
2105 May	91.6	0.0426	0.0256	0.00149	16.5	0.03	6.9	0.00107	0.00107	0.0000054	0.00593	0.00106	0.0107	0.02	0.0000054	17	0.0000151	0.000235	0.000257
2105 Jun	91.5	0.0427	0.0256	0.00149	16.5	0.0299	6.89	0.00107	0.00107	0.00000539	0.00593	0.00106	0.0107	0.0201	0.00000539	17	0.0000151	0.000236	0.000258
2105 Jul	91.8	0.0428	0.0257	0.0015	16.6	0.0301	6.92	0.00108	0.00108	0.00000541	0.00595	0.00106	0.0107	0.0201	0.00000542	17.1	0.0000152	0.000237	0.000259
2105 Aug	91.7	0.0428	0.0256	0.0015	16.6	0.03	6.91	0.00107	0.00107	0.00000541	0.00595	0.00106	0.0107	0.0201	0.00000541	17.1	0.0000152	0.000236	0.000259
2105 Sep	91.3	0.0427	0.0255	0.00149	16.5	0.03	6.89	0.00107	0.00107	0.00000539	0.00593	0.00106	0.0107	0.0201	0.0000054	17	0.0000151	0.000236	0.000258
2105 Oct	91	0.0427	0.0254	0.00148	16.5	0.0299	6.86	0.00107	0.00107	0.00000538	0.00592	0.00106	0.0107	0.02	0.00000538	17	0.0000151	0.000235	0.000257
2105 Nov	90.8	0.0427	0.0253	0.00148	16.4	0.0299	6.85	0.00107	0.00107	0.00000537	0.00592	0.00106	0.0107	0.02	0.00000537	17	0.0000151	0.000235	0.000257
2105 Dec	90.8	0.0427	0.0253	0.00148	16.4	0.0299	6.85	0.00107	0.00107	0.00000537	0.00592	0.00106	0.0107	0.02	0.00000537	17	0.0000151	0.000235	0.000257
2106 Jan	90.8	0.0427	0.0253	0.00148	16.4	0.0299	6.85	0.00107	0.00107	0.00000537	0.00592	0.00106	0.0107	0.02	0.00000537	17	0.0000151	0.000235	0.000257
2106 Feb	90.8	0.0427	0.0253	0.00148	16.4	0.0299	6.85	0.00107	0.00107	0.00000537	0.00592	0.00106	0.0107	0.02	0.00000537	17	0.0000151	0.000235	0.000257
2106 Mar	90.8	0.0427	0.0253	0.00148	16.4	0.0299	6.85	0.00107	0.00107	0.00000537	0.00592	0.00106	0.0107	0.02	0.00000537	17	0.0000151	0.000235	0.000257
2106 Apr	90.9	0.0428	0.0253	0.00148	16.4	0.0299	6.86	0.00107	0.00107	0.00000537	0.00592	0.00106	0.0107	0.02	0.00000538	17	0.0000151	0.000235	0.000257
2106 May	91	0.0429	0.0254	0.00149	16.5	0.03	6.87	0.00107	0.00107	0.00000538	0.00593	0.00106	0.0107	0.02	0.00000538	17	0.0000151	0.000235	0.000257
2106 Jun	90.3	0.0427	0.0251	0.00147	16.4	0.0297	6.81	0.00106	0.00106	0.00000534	0.0059	0.00106	0.0106	0.02	0.00000535	17	0.0000151	0.000235	0.000257
2106 Jul	90.5	0.0428	0.0252	0.00148	16.4	0.0298	6.83	0.00107	0.00107	0.00000536	0.00593	0.00106	0.0107	0.0201	0.00000537	17	0.0000151	0.000236	0.000258
2106 Aug	90.5	0.0428	0.0252	0.00148	16.4	0.0299	6.83	0.00107	0.00107	0.00000537	0.00593	0.00106	0.0107	0.0201	0.00000537	17	0.0000151	0.000236	0.000258
2106 Sep	90.2	0.0428	0.0251	0.00147	16.4	0.0298	6.81	0.00106	0.00106	0.00000535	0.00592	0.00106	0.0106	0.02	0.00000536	17	0.0000151	0.000235	0.000257
2106 Oct	90.1	0.0428	0.025	0.00147	16.3	0.0298	6.8	0.00106	0.00106	0.00000535	0.00592	0.00106	0.0106	0.02	0.00000535	17	0.0000151	0.000235	0.000257
2106 Nov	90.1	0.0428	0.0251	0.00147	16.4	0.0298	6.8	0.00106	0.00106	0.00000535	0.00592	0.00106	0.0106	0.02	0.00000536	17	0.0000151	0.000235	0.000257
2106 Dec	90.1	0.0428	0.0251	0.00147	16.4	0.0298	6.8	0.00106	0.00106	0.00000535	0.00592	0.00106	0.0106	0.02	0.00000536	17	0.0000151	0.000235	0.000257
2107 Jan	90.1	0.0428	0.0251	0.00147	16.4	0.0298	6.8	0.00106	0.00106	0.00000535	0.00592	0.00106	0.0106	0.02	0.00000536	17	0.0000151	0.000235	0.000257
2107 Feb	90.1	0.0428	0.0251	0.00147	16.4	0.0298	6.8	0.00106	0.00106	0.00000535	0.00592	0.00106	0.0106	0.02	0.00000536	17	0.0000151	0.000235	0.000257
2107 Mar	90.2	0.0428	0.0251	0.00147	16.4	0.0298	6.81	0.00106	0.00106	0.00000535	0.00592	0.00106	0.0106	0.02	0.00000536	17	0.0000151	0.000235	0.000257
2107 Apr	90.2	0.0428	0.0251	0.00147	16.4	0.0298	6.81	0.00106	0.00106	0.00000535	0.00592	0.00106	0.0106	0.02	0.00000536	17	0.0000151	0.000235	0.000257
2107 May	90.2	0.0429	0.0251	0.00147	16.4	0.0298	6.81	0.00106	0.00106	0.00000535	0.00593	0.00106	0.0106	0.0201	0.00000536	17	0.0000151	0.000236	0.000258
2107 Jun	89.9	0.0429	0.025	0.00147	16.3	0.0297	6.79	0.00106	0.00106	0.00000534	0.00592	0.00106	0.0106	0.0201	0.00000534	17.1	0.0000151	0.000236	0.000259

Appendix D.3-1: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2107 Jul	90.1	0.043	0.025	0.00147	16.4	0.0298	6.8	0.00106	0.00106	0.00000535	0.00593	0.00106	0.0106	0.0202	0.00000536	17.1	0.0000151	0.000236	0.000259
2107 Aug	90.4	0.0431	0.0251	0.00147	16.4	0.0299	6.83	0.00107	0.00107	0.00000538	0.00596	0.00107	0.0107	0.0202	0.00000538	17.2	0.0000152	0.000237	0.00026
2107 Sep	90.4	0.0432	0.0251	0.00148	16.4	0.03	6.83	0.00107	0.00107	0.00000538	0.00597	0.00107	0.0107	0.0202	0.00000539	17.2	0.0000152	0.000238	0.00026
2107 Oct	90.3	0.0432	0.0251	0.00147	16.4	0.03	6.82	0.00107	0.00107	0.00000538	0.00596	0.00107	0.0107	0.0202	0.00000538	17.2	0.0000152	0.000237	0.00026
2107 Nov	90.3	0.0432	0.025	0.00147	16.4	0.0299	6.82	0.00107	0.00107	0.00000537	0.00596	0.00107	0.0107	0.0202	0.00000538	17.1	0.0000152	0.000237	0.00026
2107 Dec	90.3	0.0432	0.0251	0.00147	16.4	0.0299	6.82	0.00107	0.00107	0.00000537	0.00596	0.00107	0.0107	0.0202	0.00000538	17.1	0.0000152	0.000237	0.00026
2108 Jan	90.3	0.0432	0.0251	0.00147	16.4	0.03	6.82	0.00107	0.00107	0.00000537	0.00596	0.00107	0.0107	0.0202	0.00000538	17.1	0.0000152	0.000237	0.00026
2108 Feb	90.3	0.0432	0.0251	0.00147	16.4	0.03	6.82	0.00107	0.00107	0.00000537	0.00596	0.00107	0.0107	0.0202	0.00000538	17.1	0.0000152	0.000237	0.00026
2108 Mar	90.3	0.0433	0.0251	0.00147	16.4	0.03	6.82	0.00107	0.00107	0.00000537	0.00596	0.00107	0.0107	0.0202	0.00000538	17.2	0.0000152	0.000237	0.00026
2108 Apr	90.4	0.0433	0.0251	0.00147	16.4	0.03	6.83	0.00107	0.00107	0.00000538	0.00597	0.00107	0.0107	0.0202	0.00000538	17.2	0.0000152	0.000238	0.00026
2108 May	90.6	0.0434	0.0251	0.00148	16.5	0.0301	6.85	0.00107	0.00107	0.00000539	0.00598	0.00107	0.0107	0.0203	0.0000054	17.2	0.0000152	0.000238	0.000261
2108 Jun	90.3	0.0433	0.025	0.00147	16.4	0.03	6.82	0.00107	0.00107	0.00000538	0.00598	0.00107	0.0107	0.0203	0.00000539	17.2	0.0000152	0.000238	0.000261
2108 Jul	90.7	0.0435	0.0252	0.00148	16.5	0.0301	6.85	0.00108	0.00108	0.00000541	0.00601	0.00108	0.0107	0.0204	0.00000542	17.3	0.0000153	0.000239	0.000262
2108 Aug	91.3	0.0438	0.0253	0.00149	16.6	0.0303	6.9	0.00108	0.00108	0.00000545	0.00605	0.00108	0.0108	0.0205	0.00000545	17.4	0.0000154	0.000241	0.000264
2108 Sep	91.4	0.0438	0.0253	0.00149	16.6	0.0304	6.9	0.00108	0.00108	0.00000545	0.00606	0.00109	0.0108	0.0205	0.00000546	17.4	0.0000154	0.000241	0.000264
2108 Oct	90.9	0.0438	0.0252	0.00148	16.5	0.0302	6.87	0.00108	0.00108	0.00000543	0.00604	0.00108	0.0108	0.0204	0.00000543	17.3	0.0000154	0.00024	0.000262
2108 Nov	90.8	0.0438	0.0251	0.00148	16.5	0.0302	6.86	0.00108	0.00108	0.00000542	0.00604	0.00108	0.0108	0.0204	0.00000543	17.3	0.0000154	0.00024	0.000262
2108 Dec	90.8	0.0438	0.0251	0.00148	16.5	0.0302	6.86	0.00108	0.00108	0.00000542	0.00604	0.00108	0.0108	0.0204	0.00000543	17.3	0.0000154	0.00024	0.000262
2109 Jan	90.8	0.0438	0.0251	0.00148	16.5	0.0302	6.86	0.00108	0.00108	0.00000542	0.00604	0.00108	0.0108	0.0204	0.00000543	17.3	0.0000154	0.00024	0.000262
2109 Feb	90.8	0.0438	0.0251	0.00148	16.5	0.0302	6.86	0.00108	0.00108	0.00000542	0.00604	0.00108	0.0108	0.0204	0.00000543	17.3	0.0000154	0.00024	0.000262
2109 Mar	90.8	0.0438	0.0252	0.00148	16.5	0.0302	6.86	0.00108	0.00108	0.00000543	0.00604	0.00108	0.0108	0.0204	0.00000543	17.3	0.0000154	0.00024	0.000262
2109 Apr	90.9	0.0438	0.0252	0.00148	16.6	0.0303	6.87	0.00108	0.00108	0.00000543	0.00604	0.00108	0.0108	0.0204	0.00000543	17.3	0.0000154	0.00024	0.000262
2109 May	90.9	0.0439	0.0252	0.00148	16.6	0.0303	6.87	0.00108	0.00108	0.00000543	0.00605	0.00108	0.0108	0.0205	0.00000544	17.4	0.0000154	0.000241	0.000263
2109 Jun	90.9	0.044	0.0252	0.00148	16.6	0.0302	6.87	0.00108	0.00108	0.00000543	0.00605	0.00109	0.0108	0.0206	0.00000544	17.4	0.0000154	0.000241	0.000265
2109 Jul	91.1	0.0441	0.0252	0.00149	16.6	0.0303	6.89	0.00108	0.00108	0.00000545	0.00607	0.00109	0.0108	0.0206	0.00000545	17.5	0.0000155	0.000242	0.000266
2109 Aug	91.4	0.0443	0.0253	0.00149	16.7	0.0305	6.91	0.00109	0.00109	0.00000547	0.0061	0.00109	0.0109	0.0207	0.00000547	17.6	0.0000155	0.000243	0.000266
2109 Sep	91.3	0.0443	0.0252	0.00149	16.7	0.0305	6.91	0.00109	0.00109	0.00000547	0.00609	0.00109	0.0108	0.0207	0.00000547	17.5	0.0000155	0.000243	0.000266
2109 Oct	90.8	0.0443	0.0251	0.00148	16.6	0.0304	6.87	0.00108	0.00108	0.00000544	0.00607	0.00109	0.0108	0.0206	0.00000544	17.5	0.0000154	0.000242	0.000265
2109 Nov	90.8	0.0443	0.0251	0.00148	16.6	0.0304	6.87	0.00108	0.00108	0.00000544	0.00607	0.00109	0.0108	0.0206	0.00000545	17.5	0.0000154	0.000242	0.000265
2109 Dec	90.8	0.0443	0.0251	0.00148	16.6	0.0304	6.87	0.00108	0.00108	0.00000544	0.00608	0.00109	0.0108	0.0206	0.00000545	17.5	0.0000154	0.000242	0.000265
2110 Jan	90.8	0.0443	0.0251	0.00148	16.6	0.0304	6.87	0.00108	0.00108	0.00000544	0.00608	0.00109	0.0108	0.0206	0.00000545	17.5	0.0000154	0.000242	0.000265
2110 Feb	90.8	0.0443	0.0251	0.00148	16.6	0.0304	6.87	0.00108	0.00108	0.00000544	0.00608	0.00109	0.0108	0.0206	0.00000545	17.5	0.0000154	0.000242	0.000265
2110 Mar	90.8	0.0443	0.0251	0.00148	16.6	0.0304	6.87	0.00108	0.00108	0.00000544	0.00608	0.00109	0.0108	0.0206	0.00000545	17.5	0.0000154	0.000242	0.000265
2110 Apr	90.9	0.0443	0.0251	0.00148	16.6	0.0304	6.88	0.00108	0.00108	0.00000545	0.00608	0.00109	0.0108	0.0206	0.00000545	17.5	0.0000155	0.000242	0.000265
2110 May	91	0.0444	0.0251	0.00148	16.6	0.0304	6.89	0.00108	0.00108	0.00000545	0.00609	0.00109	0.0108	0.0207	0.00000546	17.5	0.0000155	0.000242	0.000265
2110 Jun	90.3	0.0443	0.0249	0.00147	16.5	0.0302	6.84	0.00108	0.00108	0.00000542	0.00606	0.00109	0.0107	0.0207	0.00000542	17.5	0.0000154	0.000242	0.000266
2110 Jul	90.5	0.0444	0.025	0.00148	16.6	0.0303	6.85	0.00108	0.00108	0.00000544	0.00608	0.00109	0.0108	0.0207	0.00000544	17.6	0.0000155	0.000243	0.000267
2110 Aug	89.9	0.0442	0.0248	0.00147	16.5	0.0302	6.81	0.00107	0.00107	0.00000541	0.00605	0.00109	0.0107	0.0206	0.00000541	17.5	0.0000154	0.000242	0.000265
2110 Sep	89.2	0.0441	0.0246	0.00146	16.4	0.03	6.76	0.00107	0.00107	0.00000538	0.00603	0.00108	0.0107	0.0205	0.00000538	17.4	0.0000153	0.00024	0.000263
2110 Oct	88.7	0.0441	0.0244	0.00145	16.3	0.0299	6.72	0.00106	0.00106	0.00000535	0.00601	0.00108	0.0106	0.0204	0.00000535	17.3	0.0000152	0.000239	0.000262
2110 Nov	88.5	0.0441	0.0243	0.00145	16.3	0.0299	6.71	0.00106	0.00106	0.00000534	0.006	0.00108	0.0106	0.0204	0.00000535	17.3	0.0000152	0.000239	0.000261
2110 Dec	88.5	0.0441	0.0243	0.00145	16.3	0.0299	6.71	0.00106	0.00106	0.00000534	0.006	0.00108	0.0106	0.0204	0.00000535	17.3	0.0000152	0.000239	0.000261
2111 Jan	88.5	0.0441	0.0243	0.00145	16.3	0.0299	6.71	0.00106	0.00106	0.00000534	0.006	0.00108	0.0106	0.0204	0.00000535	17.3	0.0000152	0.000239	0.000261
2111 Feb	88.5	0.0441	0.0243	0.00145	16.3	0.0299	6.71	0.00106	0.00106	0.00000534	0.006	0.00108	0.0106	0.0204	0.00000535	17.3	0.0000152	0.000239	0.000261
2111 Mar	88.6	0.0441	0.0243	0.00145	16.3	0.0299	6.72	0.00106	0.00106	0.00000534	0.006	0.00108	0.0106	0.0204	0.00000535	17.3	0.0000152	0.000239	0.000261
2111 Apr	88.6	0.0441	0.0243	0.00145	16.3	0.0299	6.72	0.00106	0.00106	0.00000535	0.00601	0.00108	0.0106	0.0204	0.00000535	17.3	0.0000152	0.000239	0.000262
2111 May	88.7	0.0442	0.0244	0.00145	16.3	0.03	6.73	0.00106	0.00106	0.00000535	0.00602	0.00108	0.0106	0.0205	0.00000536	17.3	0.0000153	0.00024	0.000263
2111 Jun	88.3	0.0442	0.0242	0.00144	16.3	0.0298	6.7	0.00106	0.00106	0.00000533	0.006	0.00108	0.0106	0.0205	0.00000534	17.4	0.0000152	0.00024	0.000264
2111 Jul	88.9	0.0445	0.0244	0.00145	16.4	0.03	6.74	0.00107	0.00107	0.00000537	0.00604	0.00109	0.0106	0.0206	0.00000537	17.5	0.0000153	0.000241	0.000265
2111 Aug	88.7	0.0444	0.0243	0.00145	16.3	0.03	6.73	0.00107	0.00107	0.00000536	0.00603	0.00109	0.0106	0.0206	0.00000537	17.4	0.0000153	0.000241	0.000265
2111 Sep	88.6	0.0444	0.0243	0.00145	16.3	0.03	6.73	0.00107	0.00107	0.00000536	0.00603	0.00109	0.0106	0.0206	0.00000536	17.4	0.0000153	0.000241	0.000264
2111 Oct	88.2	0.0444	0.0242	0.00144	16.3	0.0299	6.7	0.00106	0.00106	0.00000534	0.00602	0.00108	0.0106	0.0205	0.00000534	17.4	0.0000152	0.00024	0.000263
2111 Nov	88	0.0444	0.0241	0.00144	16.2	0.0299	6.68	0.00106	0.00106	0.00000533	0.00601	0.00108	0.0106	0.0205	0.00000533	17.3	0.0000152	0.000239	0.000263
2111 Dec	88	0.0444	0.0241	0.00144	16.2	0.0299	6.68	0.00106	0.00106	0.00000533	0.00601	0.00108	0.0106	0.0205	0.00000533	17.3	0.0000152	0.000239	0.000263
2112 Jan	88	0.0444	0.0241	0.00144	16.2	0.0299	6.68	0.00106	0.00106	0.00000533	0.00601	0.00108	0.0106	0.0205	0.00000533	17.3	0.0000152	0.00024	0.000263
2112 Feb	88	0.0444	0.0241	0.00144	16.2	0.0299	6.68	0.00106	0.00106	0.00000533	0.00601	0.00108	0.0106	0.0205	0.00000533	17.3	0.0000152	0.00024	0.000263
2112 Mar	88	0.0444	0.0241	0.00144	16.2	0.0299	6.68	0.00106	0.00106	0.00000533	0.00601	0.00108	0.0106	0.0205	0.00000533	17.3	0.0000152	0.00024	0.000263
2112 Apr	88.1	0.0444	0.0241	0.00144	16.2	0.0299	6.69	0.00106	0.00106	0.00000533	0.00601	0.00108	0.0106	0.0205	0.00000534	17.4	0.0000152	0.00024	0.000263
2112 May	88.1	0.0445	0.0241	0.00144	16.3	0.0299	6.69	0.00106	0.00106	0.00000534	0.00602	0.00109	0.0106	0.0205	0.00000534	17.4	0.0000152	0.00024	0.000264
2112 Jun	87.1	0.0442	0.0238	0.00142	16.1	0.0296	6.62	0.00105	0.00105	0.00000528	0.00597	0.00108	0.0105	0.0205	0.00000528	17.3	0.0000151	0.000239	0.000264
2112 Jul	87.3	0.0443	0.0239	0.00142	16.1	0.0296	6.63	0.00105	0.00105	0.00000529	0.00599	0.00108	0.0105	0.0205	0.0000053	17.4	0.0000152	0.00024	0.000264
2112 Aug	87.6	0.0445	0.0239	0.00143	16.2	0.0298	6.66	0.00106	0.00106	0.00000532	0.00601	0.00109	0.0105	0.0206	0.00000532	17.4	0.0000152	0.000241	0.000265
2112 Sep	87.6	0.0445	0.0239	0.00143	16.2	0.0298	6.65	0.00106	0.00106	0.00000532	0.00601	0.00109	0.0105	0.0206	0.00000532	17.4	0.0000152	0.000241	0.000265
2112 Oct	87.5	0.0445	0.0239	0.00143	16.2	0.0298	6.65	0.00106	0.00106	0.00000531	0.00601	0.00109	0.0105	0.0206	0.00000532	17.4	0.0000152	0.000241	0.000265
2112 Nov	87.5	0.0445	0.0239	0.00143	16.2	0.0298	6.65	0.00106	0.00106	0.00000531	0.00601	0.00109	0.0105	0.0206	0.00000532	17.4	0.0000152	0.000241	0.000265
2112 Dec	87.5	0.0445	0.0239	0.00143	16.2	0.0298	6.65	0.00106	0.00106	0.00000531	0.00601	0.00109	0.0105	0.0206	0.00000532	17.4	0.0000152	0.000241	0.000265
2113 Jan	87.5	0.0445	0.0239	0.00143	16.2	0.0298	6.65	0.00106	0.00106	0.00000531	0.00601	0.00109	0.0105	0.0206	0.00000532	17.4	0.0000152	0.000241	0.000265
2113 Feb	87.5	0.0445	0.0239	0.00143	16.2	0.0298	6.65	0.00106	0.00106	0.00000531	0.00601	0.00109	0.0105	0.0206	0.00000532	17.4	0.0000152	0.000241	0.000265
2113 Mar	87.5	0.0446	0.0239	0.00143	16.2	0.0298	6.65	0.00106	0.00106	0.00000531	0.00601	0.00109	0.0105	0.0206	0.00000532	17.4	0.0000152	0.000241	0.000265
2113 Apr	87.6	0.0446	0.0239	0.00143	16.2	0.0298	6.66	0.00106	0.00106	0.00000532	0.00602	0.00109	0.0106	0.0206	0.00000532	17.4	0.0000153	0.000241	0.000265
2113 May	87.7	0.0447	0.024	0.00143	16.2	0.0298	6.66	0.00106	0.00106	0.00000532	0.00603	0.00109	0.0106	0.0207	0.00000533	17.5	0.0000153	0.000242	0.000266
2113 Jun	87.3	0.0446	0.0238	0.00142	16.2	0.0297	6.64	0.00105	0.00105	0.0000053	0.00601	0.00109	0.0105	0.0207	0.00000531	17.5	0.0000153	0.000242	0.000267
2113 Jul	87.7	0.0448	0.0239	0.00143	16.2	0.0298	6.67	0.00106	0.00106	0.00000533	0.00604	0.0011	0.0106	0.0208	0.00000533	17.6	0.0000153	0.000243	0.000268
2113 Aug	88	0.045	0.024	0.00143	16.3	0.0299	6.69	0.00106	0.00106	0.00000535	0.00606	0.0011	0.0106	0.0208	0.00000535	17.6	0.0000154	0.000244	0.000269
2113 Sep	87.9	0.045	0.024	0.00143	16.3	0.0299	6.68	0.00106	0.00106	0.00000534	0.00606	0.0011	0.0106	0.0208	0.00000535	17.6	0.0000154	0.000243	0.000268
2113 Oct	87.2	0.0449	0.0238	0.00142	16.2	0.0298	6.63	0.00106	0.00106	0.00000531	0.00603	0.00109	0.0105	0.0207	0.00000531	17.5	0.0000153	0.000242	0.000266
2113 Nov	87.1	0.0449	0.0237	0.00142	16.2	0.0298	6.63	0.00105	0.00105	0.0000053	0.00602	0.00109	0.0105	0.0207	0.00000531	17.5	0.0000152	0.000241	0.000266

Appendix D.3-1: WN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2113 Dec	87.1	0.0449	0.0237	0.00142	16.2	0.0298	6.63	0.00105	0.00105	0.0000053	0.00602	0.00109	0.0105	0.0207	0.00000531	17.5	0.0000153	0.000241	0.000266
2114 Jan	87.1	0.0449	0.0237	0.00142	16.2	0.0298	6.63	0.00105	0.00105	0.0000053	0.00602	0.00109	0.0105	0.0207	0.00000531	17.5	0.0000153	0.000241	0.000266
2114 Feb	87.1	0.0449	0.0237	0.00142	16.2	0.0298	6.63	0.00105	0.00105	0.0000053	0.00602	0.00109	0.0105	0.0207	0.00000531	17.5	0.0000153	0.000241	0.000266
2114 Mar	87.1	0.0449	0.0237	0.00142	16.2	0.0298	6.63	0.00105	0.00105	0.0000053	0.00602	0.00109	0.0105	0.0207	0.00000531	17.5	0.0000153	0.000242	0.000266
2114 Apr	87.1	0.0449	0.0237	0.00142	16.2	0.0298	6.63	0.00106	0.00106	0.00000531	0.00603	0.00109	0.0105	0.0207	0.00000531	17.5	0.0000153	0.000242	0.000266
2114 May	87.1	0.045	0.0237	0.00142	16.2	0.0297	6.63	0.00105	0.00105	0.0000053	0.00603	0.00109	0.0105	0.0207	0.00000531	17.5	0.0000153	0.000242	0.000267
2114 Jun	87.1	0.0451	0.0237	0.00142	16.2	0.0297	6.63	0.00106	0.00106	0.00000531	0.00604	0.0011	0.0105	0.0208	0.00000531	17.6	0.0000153	0.000243	0.000268
2114 Jul	87.7	0.0454	0.0239	0.00143	16.3	0.0299	6.68	0.00106	0.00106	0.00000535	0.00608	0.0011	0.0106	0.021	0.00000535	17.7	0.0000154	0.000245	0.00027
2114 Aug	88.3	0.0457	0.024	0.00144	16.4	0.0302	6.72	0.00107	0.00107	0.00000538	0.00612	0.00111	0.0107	0.0211	0.00000538	17.8	0.0000155	0.000246	0.000272
2114 Sep	88.1	0.0457	0.024	0.00143	16.4	0.0301	6.71	0.00107	0.00107	0.00000537	0.00611	0.00111	0.0107	0.0211	0.00000538	17.8	0.0000155	0.000246	0.000271
2114 Oct	87.8	0.0457	0.0239	0.00143	16.3	0.0301	6.69	0.00107	0.00107	0.00000536	0.0061	0.00111	0.0106	0.021	0.00000536	17.8	0.0000154	0.000245	0.00027
2114 Nov	87.5	0.0457	0.0238	0.00142	16.3	0.03	6.67	0.00106	0.00106	0.00000534	0.00609	0.0011	0.0106	0.0209	0.00000535	17.7	0.0000154	0.000244	0.00027
2114 Dec	87.5	0.0457	0.0238	0.00142	16.3	0.03	6.67	0.00106	0.00106	0.00000534	0.00609	0.0011	0.0106	0.0209	0.00000535	17.7	0.0000154	0.000244	0.000269
2115 Jan	87.5	0.0457	0.0238	0.00142	16.3	0.03	6.67	0.00106	0.00106	0.00000534	0.00609	0.0011	0.0106	0.0209	0.00000535	17.7	0.0000154	0.000244	0.000269
2115 Feb	87.5	0.0457	0.0238	0.00142	16.3	0.03	6.67	0.00106	0.00106	0.00000534	0.00609	0.0011	0.0106	0.0209	0.00000535	17.7	0.0000154	0.000244	0.00027
2115 Mar	87.5	0.0457	0.0238	0.00142	16.3	0.03	6.67	0.00106	0.00106	0.00000534	0.00609	0.0011	0.0106	0.0209	0.00000535	17.7	0.0000154	0.000244	0.00027
2115 Apr	87.6	0.0457	0.0238	0.00142	16.3	0.03	6.67	0.00106	0.00106	0.00000535	0.00609	0.00111	0.0106	0.0209	0.00000535	17.7	0.0000154	0.000245	0.00027
2115 May	87.6	0.0458	0.0238	0.00142	16.3	0.03	6.67	0.00106	0.00106	0.00000534	0.00609	0.00111	0.0106	0.021	0.00000535	17.8	0.0000154	0.000245	0.000271
2115 Jun	87.8	0.046	0.0238	0.00143	16.4	0.0301	6.69	0.00107	0.00107	0.00000536	0.00611	0.00111	0.0106	0.0211	0.00000536	17.9	0.0000155	0.000246	0.000272
2115 Jul	88.3	0.0462	0.024	0.00143	16.5	0.0303	6.73	0.00107	0.00107	0.00000539	0.00615	0.00112	0.0107	0.0212	0.00000539	18	0.0000156	0.000248	0.000274
2115 Aug	88.1	0.0461	0.0239	0.00143	16.4	0.0302	6.71	0.00107	0.00107	0.00000538	0.00614	0.00112	0.0107	0.0212	0.00000538	17.9	0.0000155	0.000247	0.000273
2115 Sep	88	0.0461	0.0239	0.00143	16.4	0.0303	6.71	0.00107	0.00107	0.00000538	0.00614	0.00112	0.0107	0.0212	0.00000539	17.9	0.0000155	0.000247	0.000273
2115 Oct	88	0.0461	0.0239	0.00143	16.4	0.0303	6.71	0.00107	0.00107	0.00000538	0.00614	0.00112	0.0107	0.0212	0.00000538	17.9	0.0000155	0.000247	0.000273
2115 Nov	87.9	0.0461	0.0238	0.00143	16.4	0.0302	6.7	0.00107	0.00107	0.00000537	0.00613	0.00111	0.0107	0.0211	0.00000538	17.9	0.0000155	0.000247	0.000272
2115 Dec	87.9	0.0461	0.0238	0.00143	16.4	0.0302	6.7	0.00107	0.00107	0.00000537	0.00613	0.00111	0.0107	0.0211	0.00000538	17.9	0.0000155	0.000247	0.000272
2116 Jan	87.9	0.0461	0.0238	0.00143	16.4	0.0302	6.7	0.00107	0.00107	0.00000537	0.00613	0.00111	0.0107	0.0211	0.00000538	17.9	0.0000155	0.000247	0.000272
2116 Feb	87.9	0.0461	0.0238	0.00143	16.4	0.0302	6.7	0.00107	0.00107	0.00000537	0.00613	0.00112	0.0107	0.0211	0.00000538	17.9	0.0000155	0.000247	0.000272
2116 Mar	87.9	0.0461	0.0238	0.00143	16.4	0.0302	6.7	0.00107	0.00107	0.00000537	0.00613	0.00112	0.0107	0.0211	0.00000538	17.9	0.0000155	0.000247	0.000272
2116 Apr	87.9	0.0462	0.0238	0.00143	16.4	0.0302	6.71	0.00107	0.00107	0.00000538	0.00614	0.00112	0.0107	0.0212	0.00000538	17.9	0.0000155	0.000247	0.000272
2116 May	88	0.0463	0.0239	0.00143	16.4	0.0303	6.71	0.00107	0.00107	0.00000538	0.00614	0.00112	0.0107	0.0212	0.00000539	17.9	0.0000155	0.000247	0.000273
2116 Jun	87.2	0.0461	0.0236	0.00142	16.3	0.03	6.66	0.00106	0.00106	0.00000534	0.00611	0.00111	0.0106	0.0212	0.00000534	17.9	0.0000155	0.000247	0.000274
2116 Jul	87.7	0.0463	0.0237	0.00142	16.4	0.0301	6.69	0.00107	0.00107	0.00000537	0.00614	0.00112	0.0106	0.0213	0.00000537	18	0.0000156	0.000248	0.000275
2116 Aug	88.1	0.0466	0.0239	0.00143	16.5	0.0303	6.72	0.00107	0.00107	0.0000054	0.00617	0.00113	0.0107	0.0214	0.0000054	18.1	0.0000156	0.00025	0.000276
2116 Sep	87.8	0.0465	0.0238	0.00143	16.4	0.0302	6.7	0.00107	0.00107	0.00000538	0.00616	0.00112	0.0107	0.0213	0.00000538	18	0.0000156	0.000249	0.000275
2116 Oct	87.4	0.0465	0.0236	0.00142	16.4	0.0302	6.67	0.00107	0.00107	0.00000536	0.00614	0.00112	0.0106	0.0213	0.00000536	18	0.0000155	0.000248	0.000274
2116 Nov	87.4	0.0466	0.0236	0.00142	16.4	0.0302	6.67	0.00107	0.00107	0.00000536	0.00614	0.00112	0.0106	0.0213	0.00000536	18	0.0000155	0.000248	0.000274
2116 Dec	87.4	0.0466	0.0236	0.00142	16.4	0.0302	6.67	0.00107	0.00107	0.00000536	0.00614	0.00112	0.0106	0.0213	0.00000536	18	0.0000155	0.000248	0.000274
2117 Jan	87.4	0.0466	0.0236	0.00142	16.4	0.0302	6.67	0.00107	0.00107	0.00000536	0.00614	0.00112	0.0106	0.0213	0.00000536	18	0.0000155	0.000248	0.000274
2117 Feb	87.4	0.0466	0.0236	0.00142	16.4	0.0302	6.67	0.00107	0.00107	0.00000536	0.00614	0.00112	0.0106	0.0213	0.00000536	18	0.0000155	0.000248	0.000274
2117 Mar	87.4	0.0466	0.0236	0.00142	16.4	0.0302	6.67	0.00107	0.00107	0.00000536	0.00615	0.00112	0.0106	0.0213	0.00000537	18	0.0000155	0.000248	0.000274
2117 Apr	87.5	0.0466	0.0236	0.00142	16.4	0.0302	6.68	0.00107	0.00107	0.00000537	0.00615	0.00112	0.0106	0.0213	0.00000537	18	0.0000155	0.000248	0.000274
2117 May	87.6	0.0467	0.0237	0.00142	16.4	0.0302	6.69	0.00107	0.00107	0.00000537	0.00616	0.00112	0.0107	0.0213	0.00000538	18	0.0000156	0.000249	0.000275
2117 Jun	87.6	0.0468	0.0237	0.00142	16.4	0.0302	6.69	0.00107	0.00107	0.00000537	0.00617	0.00113	0.0107	0.0214	0.00000538	18.1	0.0000156	0.000249	0.000276
2117 Jul	88.1	0.0471	0.0238	0.00143	16.5	0.0304	6.73	0.00108	0.00108	0.00000541	0.00621	0.00113	0.0107	0.0215	0.00000541	18.2	0.0000157	0.000251	0.000278
2117 Aug	88.4	0.0472	0.0239	0.00143	16.6	0.0305	6.75	0.00108	0.00108	0.00000543	0.00623	0.00114	0.0108	0.0216	0.00000543	18.3	0.0000158	0.000252	0.000279
2117 Sep	88.5	0.0473	0.0239	0.00144	16.6	0.0306	6.76	0.00108	0.00108	0.00000544	0.00624	0.00114	0.0108	0.0216	0.00000544	18.3	0.0000158	0.000252	0.000279
2117 Oct	88.4	0.0473	0.0239	0.00143	16.6	0.0305	6.75	0.00108	0.00108	0.00000543	0.00623	0.00114	0.0108	0.0216	0.00000543	18.3	0.0000158	0.000252	0.000279
2117 Nov	88.3	0.0473	0.0238	0.00143	16.6	0.0305	6.75	0.00108	0.00108	0.00000542	0.00623	0.00114	0.0108	0.0216	0.00000543	18.3	0.0000157	0.000252	0.000279
2117 Dec	88.3	0.0473	0.0238	0.00143	16.6	0.0305	6.75	0.00108	0.00108	0.00000542	0.00623	0.00114	0.0108	0.0216	0.00000543	18.3	0.0000157	0.000252	0.000279
2118 Jan	88.3	0.0473	0.0238	0.00143	16.6	0.0305	6.75	0.00108	0.00108	0.00000542	0.00623	0.00114	0.0108	0.0216	0.00000543	18.3	0.0000157	0.000252	0.000279
2118 Feb	88.3	0.0473	0.0238	0.00143	16.6	0.0305	6.75	0.00108	0.00108	0.00000542	0.00623	0.00114	0.0108	0.0216	0.00000543	18.3	0.0000157	0.000252	0.000279
2118 Mar	88.3	0.0473	0.0238	0.00143	16.6	0.0305	6.75	0.00108	0.00108	0.00000542	0.00623	0.00114	0.0108	0.0216	0.00000543	18.3	0.0000157	0.000252	0.000279
2118 Apr	88.4	0.0474	0.0238	0.00143	16.6	0.0306	6.75	0.00108	0.00108	0.00000543	0.00623	0.00114	0.0108	0.0216	0.00000543	18.3	0.0000158	0.000252	0.000279
2118 May	88.3	0.0474	0.0238	0.00143	16.6	0.0305	6.75	0.00108	0.00108	0.00000542	0.00623	0.00114	0.0107	0.0217	0.00000542	18.3	0.0000158	0.000252	0.00028
2118 Jun	87.6	0.0473	0.0236	0.00142	16.5	0.0302	6.7	0.00107	0.00107	0.00000538	0.00619	0.00114	0.0107	0.0216	0.00000538	18.3	0.0000157	0.000252	0.00028
2118 Jul	88.2	0.0476	0.0238	0.00143	16.6	0.0304	6.75	0.00108	0.00108	0.00000542	0.00624	0.00114	0.0107	0.0218	0.00000542	18.4	0.0000158	0.000254	0.000282
2118 Aug	88.1	0.0475	0.0237	0.00143	16.6	0.0304	6.74	0.00108	0.00108	0.00000542	0.00623	0.00114	0.0107	0.0218	0.00000542	18.4	0.0000158	0.000253	0.000282
2118 Sep	87.5	0.0474	0.0236	0.00142	16.5	0.0303	6.7	0.00107	0.00107	0.00000539	0.00621	0.00114	0.0107	0.0217	0.00000539	18.3	0.0000157	0.000252	0.00028
2118 Oct	87.2	0.0474	0.0234	0.00141	16.4	0.0303	6.67	0.00107	0.00107	0.00000537	0.00619	0.00113	0.0106	0.0216	0.00000537	18.2	0.0000156	0.000251	0.000279
2118 Nov	87.1	0.0474	0.0234	0.00141	16.4	0.0302	6.67	0.00107	0.00107	0.00000536	0.00619	0.00113	0.0106	0.0216	0.00000537	18.2	0.0000156	0.000251	0.000279
2118 Dec	87.1	0.0474	0.0234	0.00141	16.4	0.0302	6.67	0.00107	0.00107	0.00000536	0.00619	0.00113	0.0106	0.0216	0.00000537	18.2	0.0000156	0.000251	0.000279
2119 Jan	87.1	0.0474	0.0234	0.00141	16.4	0.0302	6.67	0.00107	0.00107	0.00000537	0.00619	0.00113	0.0106	0.0216	0.00000537	18.2	0.0000156	0.000251	0.000279
2119 Feb	87.1	0.0474	0.0234	0.00141	16.4	0.0302	6.67	0.00107	0.00107	0.00000537	0.00619	0.00113	0.0106	0.0216	0.00000537	18.2	0.0000156	0.000251	0.000279
2119 Mar	87.1	0.0474	0.0234	0.00141	16.4	0.0302	6.67	0.00107	0.00107	0.00000537	0.00619	0.00113	0.0106	0.0216	0.00000537	18.2	0.0000156	0.000251	0.000279
2119 Apr	87.2	0.0475	0.0234	0.00141	16.4	0.0303	6.68	0.00107	0.00107	0.00000537	0.0062	0.00114	0.0107	0.0216	0.00000538	18.3	0.0000157	0.000251	0.000279
2119 May	87	0.0476	0.0234	0.0014	16.4	0.0301	6.67	0.00106	0.00106	0.00000535	0.00618	0.00114	0.0106	0.0217	0.00000536	18.3	0.0000156	0.000252	0.000281
2119 Jun	86.8	0.0476	0.0233	0.0014	16.4	0.0301	6.65	0.00106	0.00106	0.00000534	0.00617	0.00114	0.0106	0.0217	0.00000535	18.3	0.0000156	0.000252	0.000282
2119 Jul	87.4	0.0479	0.0235	0.00141	16.5	0.0303	6.7	0.00107	0.00107	0.00000538	0.00621	0.00114	0.0107	0.0219	0.00000538	18.5	0.0000157	0.000254	0.000283
2119 Aug	87.6	0.048	0.0235	0.00141	16.6	0.0304	6.71	0.00107	0.00107	0.00000539	0.00623	0.00115	0.0107	0.0219	0.0000054	18.5	0.0000158	0.000255	0.000284
2119 Sep	87.3	0.0479	0.0234	0.00141	16.5	0.0303	6.69	0.00107	0.00107	0.00000538	0.00622	0.00115	0.0107	0.0218	0.00000538	18.5	0.0000157	0.000254	0.000283
2119 Oct	87.1	0.0479	0.0234	0.00141	16.5	0.0303	6.67	0.00107	0.00107	0.00000537	0.00621	0.00114	0.0106	0.0218	0.00000537	18.4	0.0000157	0.000253	0.000282
2119 Nov	86.9	0.0479	0.0233	0.0014	16.4	0.0302	6.67	0.00107	0.00107	0.00000536	0.0062	0.00114	0.0106	0.0218	0.00000536	18.4	0.0000157	0.000253	0.000282
2119 Dec	86.9	0.0479	0.0233	0.0014	16.4	0.0302	6.67	0.00107	0.00107	0.00000536	0.0062	0.00114	0.0106	0.0218	0.00000537	18.4	0.0000157	0.000253	0.000282

Appendix D.3-1: WN01

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2119): Min	0.00084	0.0185	0.00000214	1.08	1.48	0.00928	0.000161	6.06	0.00128	0.0092	0.0000714	0.0000675	0.0000567	0.0479	0.00000202	0.00007	0.000146	0.00094	7.91E-10
Post Closure (2044-2119): Mean	0.000924	0.0411	0.00000554	1.27	2.03	0.0265	0.000205	6.42	0.00136	0.0274	0.000214	0.000115	0.0000676	0.0736	0.00000212	0.0000725	0.000386	0.00131	1.42E-09
Post Closure (2044-2119): Max	0.00101	0.06	0.00000794	1.44	2.55	0.0422	0.000251	7	0.00143	0.0411	0.000343	0.000142	0.0000779	0.0973	0.0000022	0.0000753	0.000576	0.00153	2.26E-09
Water quality guideline for the protection of aquatic life	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																			
Model Predictions (2044-2119)																			
2044 Jan	0.000846	0.0185	0.00000214	1.08	1.49	0.00928	0.000162	6.99	0.0013	0.0092	0.0000714	0.0000675	0.0000569	0.0479	0.00000203	0.000071	0.000146	0.00094	2.26E-09
2044 Feb	0.000846	0.0185	0.00000214	1.08	1.49	0.00928	0.000162	6.99	0.0013	0.0092	0.0000714	0.0000675	0.0000569	0.0479	0.00000203	0.000071	0.000146	0.00094	2.26E-09
2044 Mar	0.000846	0.0185	0.00000214	1.08	1.49	0.00928	0.000162	6.99	0.0013	0.0092	0.0000714	0.0000675	0.0000569	0.0479	0.00000203	0.000071	0.000146	0.00094	2.26E-09
2044 Apr	0.000846	0.0185	0.00000214	1.08	1.49	0.00928	0.000162	6.99	0.0013	0.0092	0.0000714	0.0000675	0.000057	0.0479	0.00000203	0.000071	0.000146	0.000941	2.26E-09
2044 May	0.000848	0.0186	0.00000214	1.09	1.49	0.0093	0.000162	7	0.0013	0.00922	0.0000716	0.0000676	0.0000571	0.048	0.00000204	0.0000712	0.000146	0.000942	2.26E-09
2044 Jun	0.000842	0.0187	0.00000219	1.08	1.48	0.00943	0.000161	6.93	0.0013	0.00946	0.0000726	0.0000684	0.0000567	0.0479	0.00000202	0.0000706	0.000149	0.000945	2.23E-09
2044 Jul	0.000844	0.0189	0.00000222	1.08	1.49	0.00949	0.000162	6.94	0.0013	0.00959	0.0000731	0.000069	0.0000569	0.048	0.00000203	0.0000708	0.00015	0.00095	2.23E-09
2044 Aug	0.00085	0.019	0.00000223	1.09	1.5	0.00956	0.000163	6.99	0.00131	0.00966	0.0000736	0.0000694	0.0000573	0.0484	0.00000204	0.0000713	0.000151	0.000957	2.25E-09
2044 Sep	0.000848	0.019	0.00000224	1.09	1.49	0.00954	0.000163	6.97	0.0013	0.0097	0.0000733	0.0000692	0.0000572	0.0483	0.00000204	0.0000712	0.000151	0.000956	2.24E-09
2044 Oct	0.000848	0.019	0.00000225	1.09	1.49	0.00953	0.000163	6.97	0.0013	0.00974	0.0000732	0.0000691	0.0000571	0.0483	0.00000204	0.0000711	0.000151	0.000955	2.24E-09
2044 Nov	0.000848	0.019	0.00000225	1.09	1.49	0.00953	0.000163	6.97	0.0013	0.00975	0.0000732	0.0000691	0.0000571	0.0483	0.00000204	0.0000711	0.000151	0.000955	2.24E-09
2044 Dec	0.000848	0.019	0.00000225	1.09	1.49	0.00953	0.000163	6.97	0.0013	0.00975	0.0000732	0.0000691	0.0000571	0.0483	0.00000204	0.0000711	0.000151	0.000955	2.24E-09
2045 Jan	0.000848	0.019	0.00000225	1.09	1.49	0.00953	0.000163	6.97	0.0013	0.00975	0.0000732	0.0000691	0.0000571	0.0483	0.00000204	0.0000711	0.000151	0.000955	2.24E-09
2045 Feb	0.000848	0.019	0.00000225	1.09	1.49	0.00953	0.000163	6.97	0.0013	0.00975	0.0000732	0.0000691	0.0000571	0.0483	0.00000204	0.0000711	0.000151	0.000955	2.24E-09
2045 Mar	0.000848	0.019	0.00000225	1.09	1.49	0.00953	0.000163	6.97	0.0013	0.00975	0.0000732	0.0000691	0.0000571	0.0483	0.00000204	0.0000711	0.000151	0.000955	2.24E-09
2045 Apr	0.000848	0.019	0.00000225	1.09	1.49	0.00954	0.000163	6.97	0.0013	0.00975	0.0000733	0.0000692	0.0000571	0.0483	0.00000204	0.0000711	0.000151	0.000955	2.24E-09
2045 May	0.00085	0.0191	0.00000225	1.09	1.5	0.00955	0.000164	6.98	0.00131	0.00977	0.0000734	0.0000693	0.0000572	0.0484	0.00000204	0.0000713	0.000151	0.000957	2.24E-09
2045 Jun	0.000846	0.0192	0.00000229	1.09	1.49	0.00959	0.000163	6.94	0.0013	0.00996	0.0000736	0.00007	0.000057	0.0483	0.00000204	0.000071	0.000153	0.000961	2.22E-09
2045 Jul	0.000847	0.0193	0.00000233	1.09	1.49	0.00965	0.000163	6.94	0.0013	0.0101	0.000074	0.0000707	0.0000571	0.0485	0.00000204	0.0000711	0.000155	0.000967	2.22E-09
2045 Aug	0.000851	0.0194	0.00000234	1.09	1.5	0.00969	0.000164	6.97	0.00131	0.0102	0.0000743	0.000071	0.0000574	0.0487	0.00000205	0.0000714	0.000155	0.000971	2.23E-09
2045 Sep	0.000852	0.0194	0.00000235	1.09	1.5	0.00969	0.000164	6.97	0.00131	0.0102	0.0000743	0.0000709	0.0000574	0.0487	0.00000205	0.0000714	0.000155	0.000972	2.23E-09
2045 Oct	0.000852	0.0195	0.00000235	1.09	1.5	0.0097	0.000165	6.97	0.00131	0.0102	0.0000744	0.000071	0.0000574	0.0488	0.00000205	0.0000714	0.000156	0.000972	2.23E-09
2045 Nov	0.000852	0.0195	0.00000235	1.09	1.5	0.0097	0.000165	6.97	0.00131	0.0102	0.0000744	0.000071	0.0000574	0.0488	0.00000205	0.0000715	0.000156	0.000973	2.23E-09
2045 Dec	0.000852	0.0195	0.00000235	1.09	1.5	0.0097	0.000165	6.98	0.00131	0.0102	0.0000744	0.000071	0.0000574	0.0488	0.00000205	0.0000715	0.000156	0.000973	2.23E-09
2046 Jan	0.000852	0.0195	0.00000235	1.09	1.5	0.0097	0.000165	6.98	0.00131	0.0102	0.0000744	0.000071	0.0000574	0.0488	0.00000205	0.0000715	0.000156	0.000973	2.23E-09
2046 Feb	0.000852	0.0195	0.00000235	1.09	1.5	0.0097	0.000165	6.98	0.00131	0.0102	0.0000744	0.000071	0.0000574	0.0488	0.00000205	0.0000715	0.000156	0.000973	2.23E-09
2046 Mar	0.000853	0.0195	0.00000235	1.09	1.5	0.0097	0.000165	6.98	0.00131	0.0102	0.0000744	0.000071	0.0000574	0.0488	0.00000205	0.0000715	0.000156	0.000973	2.23E-09
2046 Apr	0.000853	0.0195	0.00000235	1.09	1.5	0.00971	0.000165	6.98	0.00131	0.0102	0.0000745	0.0000711	0.0000575	0.0488	0.00000206	0.0000715	0.000156	0.000973	2.23E-09
2046 May	0.000855	0.0195	0.00000236	1.1	1.51	0.00973	0.000165	6.99	0.00131	0.0103	0.0000746	0.0000712	0.0000576	0.0489	0.00000206	0.0000716	0.000156	0.000975	2.23E-09
2046 Jun	0.000849	0.0197	0.00000241	1.09	1.5	0.00979	0.000164	6.93	0.00131	0.0105	0.0000751	0.0000721	0.0000572	0.0488	0.00000205	0.0000712	0.000158	0.000979	2.21E-09
2046 Jul	0.000845	0.0198	0.00000245	1.09	1.49	0.00982	0.000163	6.88	0.0013	0.0107	0.0000753	0.0000727	0.000057	0.0487	0.00000204	0.0000708	0.00016	0.000982	2.18E-09
2046 Aug	0.000849	0.0199	0.00000246	1.09	1.5	0.00987	0.000164	6.91	0.0013	0.0108	0.0000756	0.000073	0.0000572	0.0489	0.00000205	0.0000711	0.000161	0.000987	2.19E-09
2046 Sep	0.000847	0.0198	0.00000247	1.09	1.5	0.00985	0.000164	6.89	0.0013	0.0108	0.0000754	0.0000728	0.0000571	0.0488	0.00000205	0.000071	0.00016	0.000985	2.19E-09
2046 Oct	0.000846	0.0199	0.00000248	1.09	1.5	0.00984	0.000164	6.88	0.0013	0.0108	0.0000752	0.0000727	0.000057	0.0488	0.00000204	0.0000709	0.00016	0.000984	2.18E-09
2046 Nov	0.000846	0.0199	0.00000248	1.09	1.5	0.00984	0.000164	6.88	0.0013	0.0108	0.0000752	0.0000727	0.000057	0.0488	0.00000204	0.0000709	0.00016	0.000984	2.18E-09
2046 Dec	0.000846	0.0199	0.00000248	1.09	1.5	0.00984	0.000164	6.88	0.0013	0.0108	0.0000752	0.0000727	0.000057	0.0488	0.00000204	0.0000709	0.00016	0.000984	2.18E-09
2047 Jan	0.000846	0.0199	0.00000248	1.09	1.5	0.00984	0.000164	6.88	0.0013	0.0108	0.0000752	0.0000727	0.000057	0.0488	0.00000204	0.0000709	0.00016	0.000984	2.18E-09
2047 Feb	0.000846	0.0199	0.00000248	1.09	1.5	0.00984	0.000164	6.88	0.0013	0.0108	0.0000752	0.0000727	0.000057	0.0488	0.00000204	0.0000709	0.00016	0.000984	2.18E-09
2047 Mar	0.000847	0.0199	0.00000248	1.09	1.5	0.00984	0.000165	6.88	0.0013	0.0108	0.0000752	0.0000727	0.0000571	0.0488	0.00000205	0.0000709	0.00016	0.000984	2.18E-09
2047 Apr	0.000847	0.0199	0.00000248	1.09	1.5	0.00984	0.000165	6.88	0.0013	0.0108	0.0000752	0.0000727	0.0000571	0.0488	0.00000205	0.0000709	0.00016	0.000985	2.18E-09
2047 May	0.000848	0.02	0.00000249	1.09	1.5	0.00993	0.000165	6.89	0.0013	0.0109	0.000076	0.0000729	0.0000572	0.049	0.00000205	0.000071	0.000161	0.000986	2.18E-09
2047 Jun	0.000846	0.0204	0.00000254	1.09	1.51	0.0104	0.000164	6.85	0.0013	0.0112	0.0000799	0.0000738	0.0000572	0.0494	0.00000204	0.0000707	0.000167	0.00099	2.16E-09
2047 Jul	0.000851	0.0205	0.00000256	1.1	1.52	0.0104	0.000165	6.89	0.00131	0.0113	0.0000804	0.0000744	0.0000576	0.0497	0.00000205	0.0000711	0.000168	0.000996	2.17E-09
2047 Aug	0.000855	0.0207	0.00000258	1.1	1.53	0.0105	0.000166	6.92	0.00131	0.0114	0.0000808	0.0000747	0.0000579	0.05	0.00000206	0.0000715	0.000169	0.001	2.18E-09
2047 Sep	0.000855	0.0207	0.00000258	1.1	1.53	0.0105	0.000166	6.92	0.00131	0.0114	0.0000807	0.0000746	0.0000578	0.05	0.00000206	0.0000714	0.000169	0.001	2.17E-09
2047 Oct	0.000853	0.0207	0.00000259	1.1	1.52	0.0105	0.000167	6.9	0.00131	0.0114	0.0000805	0.0000745	0.0000577	0.0499	0.00000206	0.0000713	0.000169	0.001	2.17E-09
2047 Nov	0.000853	0.0207	0.00000259	1.1	1.52	0.0105	0.000167	6.9	0.00131	0.0114	0.0000804	0.0000744	0.0000577	0.0499	0.00000206	0.0000713	0.000169	0.001	2.17E-09
2047 Dec	0.000853	0.0207	0.00000259	1.1	1.52	0.0105	0.000167	6.9	0.00131	0.0114	0.0000805	0.0000744	0.0000577	0.0499	0.00000206	0.0000713	0.000169	0.001	2.17E-09
2048 Jan	0.000853	0.0207	0.00000259	1.1	1.52	0.0105	0.000167	6.9	0.00131	0.0114	0.0000805	0.0000744	0.0000577	0.0499	0.00000206	0.0000713	0.000169	0.001	2.17E-09
2048 Feb	0.000853	0.0207	0.00000259	1.1	1.52	0.0105	0.000167	6.9	0.00131	0.0114	0.0000805	0.0000744	0.0000577	0.0499	0.00000206	0.0000713	0.000169	0.001	2.17E-09
2048 Mar	0.000853	0.0207	0.00000259	1.1	1.52	0.0105	0.000167	6.9	0.00131	0.0114	0.0000805	0.0000744	0.0000577	0.0499	0.00000206	0.0000713	0.000169	0.001	2.17E-09
2048 Apr	0.000854	0.0207	0.00000259	1.1	1.52	0.0105	0.000167	6.9	0.00131	0.0114	0.0000805	0.0000745	0.0000577	0.0499	0.00000206	0.0000714	0.000169	0.001	2.17E-09
2048 May	0.000855	0.0207	0.00000259	1.1	1.53	0.0105	0.000167	6.92	0.00131	0.0115	0.0000806	0.0000746	0.0000578	0.05	0.00000206	0.0000715	0.000169	0.001	2.17E-09
2048 Jun	0.00085	0.0208	0.00000264	1.1	1.52	0.0105	0.000166	6.85	0.0013	0.0117	0.0000809	0.0000754	0.0000575	0.0499	0.00000205	0.000071	0.000171	0.00101	2.15E-09
2048 Jul	0.000847	0.021	0.00000269	1.09	1.52	0.0106	0.000165	6.82	0.0013	0.0119	0.0000814	0.0000762	0.0000574	0.0499	0.00000205	0.0000708	0.000174	0.00101	2.13E-09
2048 Aug	0.000849	0.0211	0.0000027	1.1	1.52	0.0106	0.000166	6.83	0.0013	0.012	0.0000815	0.0000764	0.0000575	0.05	0.00000205	0.0000709	0.000174	0.00101	2.13E-09
2048 Sep	0.000849	0.0211	0.00000271	1.1	1.52	0.0106	0.000166	6.83	0.0013	0.012	0.0000814	0.0000763	0.0000575	0.05	0.00000205	0.0000709	0.000174	0.00101	2.13E-09
2048 Oct	0.000849	0.0211	0.00000271	1.1	1.52	0.0106	0.000167	6.82	0.0013	0.012	0.0000813	0.0000762	0.0000574	0.05	0.00000205	0.0000709	0.000174	0.00101	2.12E-09
2048 Nov	0.000849	0.0211	0.00000271	1.1	1.52	0.0106	0.000167	6.82	0.0013	0.012	0.0000813	0.0000762	0.0000574	0.05	0.00000205	0.0000709	0.000174	0.00101	2.12E-09
2048 Dec	0.000849	0.0211	0.00000271	1.1	1.52	0.0106	0.000167	6.82	0.0013	0.012	0.0000813	0.0000762	0.0000574	0.05	0.00000205	0.0000709	0.000174	0.00101	2.12E-09
2049 Jan	0.000849	0.0211	0.00000271	1.1	1.52	0.0106	0.000167	6.82	0.0013	0.012	0.0000813	0.0000762	0.0000574	0.05	0.00000205	0.0000709	0.000174	0.00101	2.12E-09
2049 Feb	0.000849	0.0211	0.00000271	1.1	1.52	0.0106	0.000167	6.82	0.0013	0.012	0.0000813	0.0000762	0.0000574	0.05	0.00000205	0.0000709	0.000174	0.00101	2.12E-09
2049 Mar	0.000849	0.0211	0.00000271	1.1	1.52	0.0106	0.000167	6.82	0.0013	0.012	0.0000813	0.0000762	0.0000574	0.05	0.00000205	0.0000709	0.000174	0.00101	2.12E-09
2049 Apr	0.000849	0.0211	0.00000271	1.1	1.52	0.0106	0.000167	6.82	0.0013	0.012	0.0000814	0.0000762	0.0000574	0.05	0.00000205	0.0000709	0.000174	0.00101	2.13E-09
2049 May	0.000851	0.0211	0.00000272	1.1	1.52	0.0106	0.000167	6.83	0.0013	0.0121	0.0000815	0.0000764	0.0000576	0.0501	0.00000206	0.0000711	0.000174	0.00101	2.13E-09
2049 Jun	0.000845	0.0213	0.00000277	1.09	1.51	0.0107	0.000166	6.77	0.0013	0.0123	0.0000819	0.0000772	0.0000572	0.05	0.00000205	0.0000705	0.000177	0.00102	2.1E-09
2049 Jul	0.000843	0.0214	0.0000028	1.09	1.51	0.0107	0.000166	6.74	0.00129	0.0124	0.0000822	0.0000778	0.0000571	0.0499	0.00000204	0.0000704	0.000178	0.00102	2.09E-09
2049 Aug	0.000849	0.0215	0.00000282	1.1	1.52	0.0108	0.000167	6.78	0.0013	0.0125	0.0000827	0.0000782	0.0000575	0.0503	0.00000206	0.0000708	0.000179	0.00103	2.1E-09
2049 Sep	0.000848	0.0215	0.00000283	1.1	1.52	0.0108	0.000167	6.78	0.0013	0.0126	0.0000826	0.0000781	0.0000574	0.0503	0.00000206	0.0000708	0.000179	0.00103	2.1E-09

Appendix D.3-1: WN01

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2049 Oct	0.000847	0.0215	0.00000283	1.09	1.52	0.0108	0.000167	6.77	0.0013	0.0126	0.0000824	0.000078	0.0000573	0.0502	0.00000205	0.0000707	0.000179	0.00103	2.09E-09
2049 Nov	0.000848	0.0215	0.00000283	1.09	1.52	0.0108	0.000167	6.77	0.0013	0.0126	0.0000824	0.000078	0.0000573	0.0502	0.00000205	0.0000708	0.000179	0.00103	2.09E-09
2049 Dec	0.000848	0.0215	0.00000283	1.1	1.52	0.0108	0.000167	6.77	0.0013	0.0126	0.0000824	0.000078	0.0000573	0.0502	0.00000205	0.0000708	0.000179	0.00103	2.09E-09
2050 Jan	0.000848	0.0215	0.00000283	1.1	1.52	0.0108	0.000167	6.77	0.0013	0.0126	0.0000824	0.000078	0.0000573	0.0502	0.00000205	0.0000708	0.000179	0.00103	2.09E-09
2050 Feb	0.000848	0.0215	0.00000283	1.1	1.52	0.0108	0.000167	6.77	0.0013	0.0126	0.0000824	0.000078	0.0000573	0.0502	0.00000205	0.0000708	0.000179	0.00103	2.09E-09
2050 Mar	0.000848	0.0215	0.00000283	1.1	1.52	0.0108	0.000167	6.77	0.0013	0.0126	0.0000824	0.000078	0.0000574	0.0502	0.00000205	0.0000708	0.000179	0.00103	2.09E-09
2050 Apr	0.000848	0.0215	0.00000283	1.1	1.52	0.0108	0.000167	6.77	0.0013	0.0126	0.0000824	0.000078	0.0000574	0.0503	0.00000205	0.0000708	0.000179	0.00103	2.09E-09
2050 May	0.000849	0.0216	0.00000284	1.1	1.52	0.0108	0.000168	6.78	0.0013	0.0126	0.0000826	0.0000781	0.0000575	0.0503	0.00000206	0.0000709	0.000179	0.00103	2.1E-09
2050 Jun	0.000846	0.0217	0.00000288	1.09	1.52	0.0109	0.000167	6.74	0.0013	0.0128	0.0000835	0.0000789	0.0000573	0.0503	0.00000205	0.0000706	0.000181	0.00103	2.08E-09
2050 Jul	0.000843	0.0218	0.0000029	1.09	1.52	0.0109	0.000166	6.7	0.00129	0.0129	0.0000835	0.0000792	0.0000571	0.0502	0.00000204	0.0000703	0.000182	0.00103	2.06E-09
2050 Aug	0.000846	0.0219	0.00000292	1.09	1.52	0.011	0.000167	6.73	0.0013	0.013	0.0000838	0.0000795	0.0000573	0.0504	0.00000205	0.0000706	0.000183	0.00104	2.07E-09
2050 Sep	0.000847	0.0219	0.00000292	1.1	1.52	0.011	0.000167	6.73	0.0013	0.013	0.0000838	0.0000795	0.0000573	0.0505	0.00000205	0.0000706	0.000183	0.00104	2.07E-09
2050 Oct	0.000847	0.0219	0.00000293	1.1	1.52	0.011	0.000168	6.73	0.0013	0.0131	0.0000839	0.0000796	0.0000574	0.0505	0.00000206	0.0000707	0.000183	0.00104	2.07E-09
2050 Nov	0.000848	0.0219	0.00000293	1.1	1.53	0.011	0.000168	6.74	0.0013	0.0131	0.0000839	0.0000796	0.0000574	0.0505	0.00000206	0.0000707	0.000183	0.00104	2.07E-09
2050 Dec	0.000848	0.0219	0.00000293	1.1	1.53	0.011	0.000168	6.74	0.0013	0.0131	0.0000839	0.0000796	0.0000574	0.0505	0.00000206	0.0000707	0.000183	0.00104	2.07E-09
2051 Jan	0.000848	0.0219	0.00000293	1.1	1.53	0.011	0.000168	6.74	0.0013	0.0131	0.0000839	0.0000796	0.0000574	0.0505	0.00000206	0.0000707	0.000183	0.00104	2.07E-09
2051 Feb	0.000848	0.0219	0.00000293	1.1	1.53	0.011	0.000168	6.74	0.0013	0.0131	0.0000839	0.0000796	0.0000574	0.0506	0.00000206	0.0000707	0.000183	0.00104	2.07E-09
2051 Mar	0.000848	0.0219	0.00000293	1.1	1.53	0.011	0.000168	6.74	0.0013	0.0131	0.0000839	0.0000796	0.0000574	0.0506	0.00000206	0.0000707	0.000183	0.00104	2.07E-09
2051 Apr	0.000848	0.0219	0.00000293	1.1	1.53	0.011	0.000168	6.74	0.0013	0.0131	0.000084	0.0000797	0.0000574	0.0506	0.00000206	0.0000707	0.000183	0.00104	2.07E-09
2051 May	0.00085	0.022	0.00000294	1.1	1.53	0.011	0.000168	6.75	0.0013	0.0131	0.0000844	0.0000798	0.0000576	0.0507	0.00000206	0.0000709	0.000184	0.00104	2.07E-09
2051 Jun	0.000843	0.0223	0.000003	1.09	1.53	0.0113	0.000166	6.67	0.00129	0.0134	0.0000871	0.0000809	0.0000573	0.0508	0.00000205	0.0000702	0.000189	0.00105	2.04E-09
2051 Jul	0.000843	0.0225	0.00000302	1.09	1.53	0.0114	0.000167	6.67	0.00129	0.0136	0.0000875	0.0000814	0.0000573	0.0509	0.00000205	0.0000702	0.00019	0.00105	2.03E-09
2051 Aug	0.000845	0.0225	0.00000304	1.1	1.53	0.0114	0.000167	6.68	0.00129	0.0136	0.0000876	0.0000815	0.0000574	0.051	0.00000205	0.0000703	0.000191	0.00105	2.03E-09
2051 Sep	0.000844	0.0225	0.00000304	1.09	1.53	0.0114	0.000167	6.66	0.00129	0.0137	0.0000874	0.0000813	0.0000573	0.051	0.00000205	0.0000702	0.00019	0.00105	2.03E-09
2051 Oct	0.00084	0.0225	0.00000305	1.09	1.52	0.0114	0.000168	6.62	0.00128	0.0137	0.0000869	0.0000809	0.000057	0.0508	0.00000204	0.00007	0.00019	0.00105	2.01E-09
2051 Nov	0.00084	0.0225	0.00000306	1.09	1.52	0.0114	0.000168	6.62	0.00128	0.0137	0.0000869	0.0000809	0.000057	0.0508	0.00000204	0.00007	0.00019	0.00105	2.01E-09
2051 Dec	0.00084	0.0225	0.00000306	1.09	1.52	0.0114	0.000168	6.62	0.00128	0.0137	0.0000869	0.0000809	0.000057	0.0508	0.00000204	0.00007	0.00019	0.00105	2.01E-09
2052 Jan	0.00084	0.0225	0.00000306	1.09	1.52	0.0114	0.000168	6.62	0.00128	0.0137	0.0000869	0.0000809	0.000057	0.0508	0.00000204	0.00007	0.00019	0.00105	2.01E-09
2052 Feb	0.00084	0.0225	0.00000306	1.09	1.52	0.0114	0.000168	6.62	0.00129	0.0137	0.0000869	0.0000809	0.000057	0.0508	0.00000204	0.00007	0.00019	0.00105	2.01E-09
2052 Mar	0.000841	0.0225	0.00000306	1.09	1.52	0.0114	0.000168	6.63	0.00129	0.0138	0.000087	0.0000809	0.000057	0.0508	0.00000204	0.00007	0.00019	0.00105	2.01E-09
2052 Apr	0.000841	0.0225	0.00000306	1.09	1.52	0.0114	0.000168	6.63	0.00129	0.0138	0.000087	0.0000809	0.000057	0.0508	0.00000204	0.00007	0.00019	0.00105	2.01E-09
2052 May	0.000842	0.0226	0.00000307	1.09	1.53	0.0114	0.000168	6.63	0.00129	0.0138	0.0000877	0.0000811	0.0000572	0.051	0.00000204	0.0000701	0.000191	0.00105	2.01E-09
2052 Jun	0.000842	0.0229	0.0000031	1.09	1.54	0.0117	0.000168	6.62	0.00129	0.014	0.0000902	0.0000817	0.0000573	0.0513	0.00000204	0.00007	0.000195	0.00105	0.000000002
2052 Jul	0.000844	0.023	0.00000312	1.1	1.54	0.0118	0.000168	6.63	0.00129	0.0141	0.0000905	0.000082	0.0000574	0.0515	0.00000204	0.0000701	0.000195	0.00106	0.000000002
2052 Aug	0.000846	0.0231	0.00000313	1.1	1.54	0.0118	0.000169	6.65	0.00129	0.0141	0.0000907	0.0000822	0.0000576	0.0516	0.00000205	0.0000703	0.000196	0.00106	0.000000002
2052 Sep	0.000847	0.0231	0.00000314	1.1	1.54	0.0118	0.000169	6.65	0.00129	0.0142	0.0000906	0.0000822	0.0000576	0.0516	0.00000205	0.0000703	0.000196	0.00106	0.000000002
2052 Oct	0.000847	0.0231	0.00000314	1.1	1.54	0.0118	0.00017	6.65	0.00129	0.0142	0.0000906	0.0000822	0.0000576	0.0516	0.00000205	0.0000703	0.000196	0.00106	0.000000002
2052 Nov	0.000847	0.0231	0.00000314	1.1	1.54	0.0118	0.00017	6.65	0.00129	0.0142	0.0000906	0.0000822	0.0000576	0.0517	0.00000205	0.0000704	0.000196	0.00106	0.000000002
2052 Dec	0.000847	0.0231	0.00000314	1.1	1.54	0.0118	0.00017	6.65	0.00129	0.0142	0.0000906	0.0000822	0.0000576	0.0517	0.00000205	0.0000704	0.000196	0.00106	0.000000002
2053 Jan	0.000847	0.0231	0.00000314	1.1	1.54	0.0118	0.00017	6.65	0.00129	0.0142	0.0000906	0.0000822	0.0000576	0.0517	0.00000205	0.0000704	0.000196	0.00106	0.000000002
2053 Feb	0.000847	0.0231	0.00000314	1.1	1.54	0.0118	0.00017	6.65	0.00129	0.0142	0.0000906	0.0000822	0.0000576	0.0517	0.00000205	0.0000704	0.000196	0.00106	0.000000002
2053 Mar	0.000847	0.0231	0.00000315	1.1	1.54	0.0118	0.00017	6.65	0.00129	0.0142	0.0000907	0.0000822	0.0000576	0.0517	0.00000205	0.0000704	0.000196	0.00106	0.000000002
2053 Apr	0.000848	0.0231	0.00000315	1.1	1.55	0.0118	0.00017	6.66	0.00129	0.0142	0.0000907	0.0000822	0.0000576	0.0517	0.00000205	0.0000704	0.000196	0.00106	0.000000002
2053 May	0.000849	0.0233	0.00000316	1.1	1.55	0.012	0.00017	6.66	0.0013	0.0143	0.0000924	0.0000826	0.0000578	0.052	0.00000205	0.0000705	0.000198	0.00106	0.000000002
2053 Jun	0.000845	0.0238	0.0000032	1.1	1.56	0.0125	0.000169	6.61	0.00129	0.0146	0.0000964	0.0000833	0.0000578	0.0523	0.00000204	0.00007	0.000204	0.00106	1.97E-09
2053 Jul	0.000848	0.0239	0.00000322	1.11	1.56	0.0125	0.00017	6.63	0.00129	0.0147	0.0000968	0.0000837	0.000058	0.0525	0.00000205	0.0000703	0.000205	0.00107	1.98E-09
2053 Aug	0.000853	0.024	0.00000324	1.11	1.57	0.0126	0.000171	6.67	0.0013	0.0147	0.0000973	0.0000842	0.0000583	0.0528	0.00000206	0.0000706	0.000206	0.00107	1.99E-09
2053 Sep	0.000856	0.0241	0.00000326	1.11	1.58	0.0126	0.000171	6.69	0.00131	0.0148	0.0000976	0.0000844	0.0000585	0.053	0.00000207	0.0000709	0.000207	0.00108	1.99E-09
2053 Oct	0.000856	0.0241	0.00000326	1.12	1.58	0.0126	0.000171	6.69	0.00131	0.0148	0.0000977	0.0000845	0.0000585	0.0531	0.00000207	0.0000709	0.000207	0.00108	1.99E-09
2053 Nov	0.000856	0.0241	0.00000326	1.12	1.58	0.0126	0.000171	6.69	0.00131	0.0148	0.0000977	0.0000845	0.0000585	0.0531	0.00000207	0.0000709	0.000207	0.00108	1.99E-09
2053 Dec	0.000856	0.0241	0.00000326	1.12	1.58	0.0126	0.000171	6.69	0.00131	0.0148	0.0000977	0.0000845	0.0000585	0.0531	0.00000207	0.0000709	0.000207	0.00108	1.99E-09
2054 Jan	0.000856	0.0241	0.00000326	1.12	1.58	0.0126	0.000171	6.69	0.00131	0.0148	0.0000977	0.0000845	0.0000585	0.0531	0.00000207	0.0000709	0.000207	0.00108	1.99E-09
2054 Feb	0.000856	0.0241	0.00000326	1.12	1.58	0.0126	0.000171	6.69	0.00131	0.0148	0.0000977	0.0000845	0.0000585	0.0531	0.00000207	0.0000709	0.000207	0.00108	1.99E-09
2054 Mar	0.000856	0.0241	0.00000326	1.12	1.58	0.0126	0.000171	6.69	0.00131	0.0148	0.0000977	0.0000845	0.0000585	0.0531	0.00000207	0.0000709	0.000207	0.00108	1.99E-09
2054 Apr	0.000857	0.0241	0.00000326	1.12	1.58	0.0126	0.000172	6.7	0.00131	0.0148	0.0000977	0.0000845	0.0000586	0.0531	0.00000207	0.000071	0.000207	0.00108	1.99E-09
2054 May	0.000858	0.0242	0.00000327	1.12	1.58	0.0127	0.000172	6.71	0.00131	0.0149	0.0000983	0.0000847	0.0000587	0.0532	0.00000207	0.0000711	0.000208	0.00108	0.000000002
2054 Jun	0.000854	0.0244	0.0000033	1.11	1.58	0.013	0.000171	6.66	0.0013	0.015	0.000101	0.0000852	0.0000585	0.0534	0.00000206	0.0000706	0.000211	0.00108	1.97E-09
2054 Jul	0.000853	0.0245	0.00000331	1.11	1.58	0.013	0.000171	6.65	0.0013	0.0151	0.000101	0.0000854	0.0000585	0.0534	0.00000206	0.0000705	0.000212	0.00108	1.97E-09
2054 Aug	0.000855	0.0246	0.00000333	1.12	1.59	0.013	0.000171	6.65	0.0013	0.0152	0.000101	0.0000855	0.0000586	0.0535	0.00000206	0.0000707	0.000212	0.00108	1.97E-09
2054 Sep	0.000855	0.0246	0.00000333	1.12	1.59	0.013	0.000172	6.66	0.0013	0.0152	0.000101	0.0000855	0.0000586	0.0535	0.00000206	0.0000707	0.000212	0.00108	1.97E-09
2054 Oct	0.000855	0.0246	0.00000334	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0152	0.000101	0.0000854	0.0000586	0.0535	0.00000206	0.0000707	0.000212	0.00108	1.96E-09
2054 Nov	0.000854	0.0246	0.00000334	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0152	0.000101	0.0000854	0.0000586	0.0535	0.00000206	0.0000706	0.000212	0.00108	1.96E-09
2054 Dec	0.000855	0.0246	0.00000334	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0152	0.000101	0.0000854	0.0000586	0.0535	0.00000206	0.0000706	0.000212	0.00108	1.96E-09
2055 Jan	0.000855	0.0246	0.00000334	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0152	0.000101	0.0000854	0.0000586	0.0535	0.00000206	0.0000706	0.000212	0.00108	1.96E-09
2055 Feb	0.000855	0.0246	0.00000334	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0152	0.000101	0.0000854	0.0000586	0.0535	0.00000206	0.0000706	0.000212	0.00108	1.96E-09
2055 Mar	0.000855	0.0246	0.00000334	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0152	0.000101	0.0000854	0.0000586	0.0535	0.00000206	0.0000706	0.000212	0.00108	1.96E-09
2055 Apr	0.000855	0.0246	0.00000334	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0152	0.000101	0.0000854	0.0000586	0.0535	0.00000206	0.0000707	0.000212	0.00108	1.96E-09
2055 May	0.000856	0.0246	0.00000334	1.12	1.59	0.013	0.000172	6.66	0.00131	0.0153	0.000101	0.0000855	0.0000587	0.0536	0.00000207	0.0000708	0.000212	0.00109	1.97E-09
2055 Jun	0.00085	0.0247	0.00000339	1.11	1.58	0.0131	0.000171	6.59	0.0013	0.0155	0.000101	0.0000864	0.0000583	0.0534	0.00000206	0.0000703	0.000214	0.00109	1.94E-09
2055 Jul	0.00085	0.0249	0.00000342	1.11	1.58	0.0131	0.000171	6.58	0.0013	0.0156	0.000102	0.000087	0.0000583	0.0535	0.00000206	0.0000703	0.000216	0.00109	1.93E-09
2055 Aug	0.000854	0.025	0.00000344	1.12	1.59	0.0132	0.000172	6.61	0.0013	0.0157	0.000102	0.0000873	0.0000586	0.0537	0.00000207	0.0000705	0.000217	0.0011	1.94E-09
2055 Sep	0.000854	0.025	0.00000345	1.12	1.59	0.0132	0.000172	6.61	0.0013	0.0157	0.000102	0.0000873	0.0000586	0.0537	0.00000207	0.0000706	0.000217	0.0011	1.94E-09
2055 Oct	0.000855	0.025	0.00000345	1.12	1.59	0.0132	0.000172	6.61	0.0013	0.0158	0.000102	0.0000873	0.0000586	0.0538	0.00000207	0.0000706	0.000217	0.0011	1.94E-09
2055 Nov	0.000855	0.025	0.00000345	1.12	1.59	0.0132	0.000172	6.62	0.0013	0.0158	0.000102	0.0000873	0.0000586	0.0538	0.00000207	0.0000706	0.000217	0.0011	1.94E-09
2055 Dec	0.000855	0.025	0.00000345	1.12	1.59	0.0132	0.000172	6.62	0.0013	0.0158	0.000102	0.0000873	0.0000586	0.0538	0.00000207	0.0000706	0.000217	0.0011	1.94E-09
2056 Jan	0.000855	0.025	0.00000345	1.12	1.59	0.0132	0.000172	6.62	0.0013	0.0158	0.000102	0.0000873	0.0000586	0.0538	0.00000207	0.0000706	0.000217	0.0011	1.94E-09
2056 Feb	0.000855	0.025	0.00000345	1.12	1.59	0.0132	0.000172	6.62	0.0013	0.0158	0.000102	0.0000873	0.0000586	0.0538	0.00000207	0.0000706	0.000217	0.0011	1.94E-09

Appendix D.3-1: WN01

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Mar	0.000855	0.025	0.00000345	1.12	1.59	0.0132	0.000172	6.62	0.0013	0.0158	0.000102	0.0000873	0.0000586	0.0538	0.00000207	0.0000706	0.000217	0.0011	1.94E-09
2056 Apr	0.000855	0.025	0.00000345	1.12	1.59	0.0132	0.000172	6.62	0.0013	0.0158	0.000102	0.0000874	0.0000586	0.0538	0.00000207	0.0000707	0.000217	0.0011	1.94E-09
2056 May	0.000857	0.0252	0.00000347	1.12	1.6	0.0133	0.000173	6.63	0.00131	0.0159	0.000103	0.0000877	0.0000588	0.054	0.00000207	0.0000707	0.000219	0.0011	1.94E-09
2056 Jun	0.000854	0.0256	0.0000035	1.12	1.6	0.0138	0.000172	6.59	0.0013	0.0161	0.000107	0.0000882	0.0000588	0.0544	0.00000206	0.0000703	0.000224	0.0011	1.91E-09
2056 Jul	0.000858	0.0257	0.00000352	1.12	1.61	0.0138	0.000172	6.61	0.00131	0.0162	0.000108	0.0000887	0.0000591	0.0546	0.00000207	0.0000707	0.000225	0.00111	1.92E-09
2056 Aug	0.00086	0.0258	0.00000354	1.13	1.61	0.0139	0.000173	6.63	0.00131	0.0162	0.000108	0.0000889	0.0000592	0.0548	0.00000207	0.0000708	0.000225	0.00111	1.92E-09
2056 Sep	0.000862	0.0259	0.00000355	1.13	1.62	0.0139	0.000174	6.65	0.00131	0.0163	0.000108	0.0000891	0.0000594	0.055	0.00000208	0.000071	0.000226	0.00111	1.93E-09
2056 Oct	0.000861	0.0258	0.00000355	1.13	1.62	0.0139	0.000174	6.64	0.00131	0.0163	0.000108	0.000089	0.0000593	0.0549	0.00000208	0.000071	0.000226	0.00111	1.93E-09
2056 Nov	0.000861	0.0258	0.00000355	1.13	1.62	0.0139	0.000174	6.63	0.00131	0.0163	0.000108	0.0000889	0.0000593	0.0549	0.00000208	0.0000709	0.000226	0.00111	1.92E-09
2056 Dec	0.000861	0.0258	0.00000355	1.13	1.62	0.0139	0.000174	6.64	0.00131	0.0163	0.000108	0.000089	0.0000593	0.0549	0.00000208	0.000071	0.000226	0.00111	1.92E-09
2057 Jan	0.000861	0.0258	0.00000355	1.13	1.62	0.0139	0.000174	6.64	0.00131	0.0163	0.000108	0.000089	0.0000593	0.0549	0.00000208	0.000071	0.000226	0.00111	1.92E-09
2057 Feb	0.000861	0.0258	0.00000355	1.13	1.62	0.0139	0.000174	6.64	0.00131	0.0163	0.000108	0.000089	0.0000593	0.0549	0.00000208	0.000071	0.000226	0.00111	1.92E-09
2057 Mar	0.000861	0.0259	0.00000355	1.13	1.62	0.0139	0.000174	6.64	0.00131	0.0163	0.000108	0.000089	0.0000593	0.0549	0.00000208	0.000071	0.000226	0.00111	1.93E-09
2057 Apr	0.000862	0.0259	0.00000355	1.13	1.62	0.0139	0.000174	6.64	0.00131	0.0163	0.000108	0.000089	0.0000593	0.0549	0.00000208	0.000071	0.000226	0.00111	1.93E-09
2057 May	0.000863	0.0259	0.00000356	1.13	1.62	0.0139	0.000174	6.65	0.00131	0.0164	0.000109	0.0000892	0.0000595	0.0551	0.00000208	0.0000711	0.000227	0.00112	1.93E-09
2057 Jun	0.000859	0.0262	0.0000036	1.13	1.62	0.0142	0.000173	6.6	0.00131	0.0166	0.000111	0.0000899	0.0000593	0.0552	0.00000207	0.0000707	0.00023	0.00112	1.9E-09
2057 Jul	0.000861	0.0263	0.00000362	1.13	1.62	0.0143	0.000174	6.61	0.00131	0.0167	0.000111	0.0000903	0.0000594	0.0553	0.00000208	0.0000708	0.000231	0.00112	1.9E-09
2057 Aug	0.000867	0.0265	0.00000365	1.14	1.64	0.0144	0.000175	6.66	0.00132	0.0168	0.000112	0.000091	0.0000599	0.0558	0.00000209	0.0000713	0.000233	0.00113	1.92E-09
2057 Sep	0.000869	0.0266	0.00000366	1.14	1.64	0.0144	0.000175	6.67	0.00132	0.0168	0.000112	0.0000912	0.00006	0.0559	0.0000021	0.0000715	0.000234	0.00113	1.92E-09
2057 Oct	0.000869	0.0266	0.00000366	1.14	1.64	0.0144	0.000175	6.67	0.00132	0.0169	0.000112	0.0000911	0.00006	0.0559	0.00000209	0.0000715	0.000234	0.00113	1.92E-09
2057 Nov	0.000869	0.0266	0.00000366	1.14	1.64	0.0144	0.000176	6.67	0.00132	0.0169	0.000112	0.0000911	0.00006	0.0559	0.0000021	0.0000715	0.000234	0.00113	1.92E-09
2057 Dec	0.000869	0.0266	0.00000366	1.14	1.64	0.0144	0.000176	6.67	0.00132	0.0169	0.000112	0.0000911	0.00006	0.0559	0.0000021	0.0000715	0.000234	0.00113	1.92E-09
2058 Jan	0.000869	0.0266	0.00000366	1.14	1.64	0.0144	0.000176	6.67	0.00132	0.0169	0.000112	0.0000911	0.00006	0.0559	0.0000021	0.0000715	0.000234	0.00113	1.92E-09
2058 Feb	0.000869	0.0266	0.00000366	1.14	1.64	0.0144	0.000176	6.67	0.00132	0.0169	0.000112	0.0000911	0.00006	0.0559	0.0000021	0.0000715	0.000234	0.00113	1.92E-09
2058 Mar	0.000869	0.0266	0.00000366	1.14	1.64	0.0144	0.000176	6.67	0.00132	0.0169	0.000112	0.0000911	0.00006	0.0559	0.0000021	0.0000715	0.000234	0.00113	1.92E-09
2058 Apr	0.000869	0.0266	0.00000366	1.14	1.64	0.0144	0.000176	6.67	0.00132	0.0169	0.000112	0.0000912	0.00006	0.0559	0.0000021	0.0000715	0.000234	0.00113	1.92E-09
2058 May	0.000871	0.0268	0.00000368	1.14	1.65	0.0146	0.000176	6.68	0.00132	0.017	0.000114	0.0000915	0.0000602	0.0562	0.0000021	0.0000716	0.000236	0.00114	1.92E-09
2058 Jun	0.000865	0.0273	0.00000372	1.14	1.65	0.0152	0.000174	6.61	0.00132	0.0172	0.000119	0.0000922	0.0000601	0.0566	0.00000208	0.0000709	0.000243	0.00113	1.88E-09
2058 Jul	0.000867	0.0274	0.00000374	1.14	1.66	0.0153	0.000175	6.62	0.00132	0.0173	0.00012	0.0000926	0.0000603	0.0568	0.00000208	0.0000711	0.000244	0.00114	1.88E-09
2058 Aug	0.000871	0.0275	0.00000376	1.15	1.67	0.0153	0.000176	6.65	0.00132	0.0174	0.000121	0.000093	0.0000606	0.0571	0.00000209	0.0000714	0.000245	0.00114	1.89E-09
2058 Sep	0.000871	0.0276	0.00000376	1.15	1.67	0.0153	0.000176	6.65	0.00132	0.0175	0.00012	0.000093	0.0000606	0.0571	0.00000209	0.0000714	0.000245	0.00114	1.89E-09
2058 Oct	0.000871	0.0276	0.00000377	1.15	1.67	0.0153	0.000176	6.65	0.00132	0.0175	0.00012	0.0000929	0.0000605	0.0571	0.00000209	0.0000714	0.000245	0.00114	1.89E-09
2058 Nov	0.000872	0.0276	0.00000377	1.15	1.67	0.0153	0.000176	6.65	0.00132	0.0175	0.00012	0.000093	0.0000606	0.0571	0.00000209	0.0000714	0.000245	0.00114	1.89E-09
2058 Dec	0.000872	0.0276	0.00000377	1.15	1.67	0.0153	0.000176	6.65	0.00132	0.0175	0.00012	0.000093	0.0000606	0.0571	0.00000209	0.0000714	0.000245	0.00114	1.89E-09
2059 Jan	0.000872	0.0276	0.00000377	1.15	1.67	0.0153	0.000176	6.65	0.00132	0.0175	0.00012	0.000093	0.0000606	0.0571	0.00000209	0.0000714	0.000245	0.00114	1.89E-09
2059 Feb	0.000872	0.0276	0.00000377	1.15	1.67	0.0153	0.000176	6.65	0.00132	0.0175	0.00012	0.000093	0.0000606	0.0571	0.00000209	0.0000714	0.000245	0.00114	1.89E-09
2059 Mar	0.000872	0.0276	0.00000377	1.15	1.67	0.0153	0.000176	6.65	0.00132	0.0175	0.00012	0.000093	0.0000606	0.0571	0.00000209	0.0000714	0.000245	0.00114	1.89E-09
2059 Apr	0.000872	0.0276	0.00000377	1.15	1.67	0.0153	0.000176	6.65	0.00133	0.0175	0.00012	0.000093	0.0000606	0.0571	0.00000209	0.0000714	0.000245	0.00114	1.89E-09
2059 May	0.000873	0.0277	0.00000378	1.15	1.67	0.0154	0.000176	6.66	0.00133	0.0175	0.000121	0.0000932	0.0000607	0.0573	0.0000021	0.0000715	0.000246	0.00115	1.89E-09
2059 Jun	0.000874	0.028	0.00000381	1.15	1.68	0.0158	0.000176	6.65	0.00133	0.0177	0.000124	0.0000938	0.0000609	0.0577	0.00000209	0.0000715	0.00025	0.00115	1.88E-09
2059 Jul	0.00088	0.0282	0.00000384	1.16	1.69	0.0159	0.000178	6.7	0.00134	0.0178	0.000125	0.0000945	0.0000613	0.0581	0.00000211	0.000072	0.000252	0.00116	1.89E-09
2059 Aug	0.000885	0.0284	0.00000386	1.17	1.7	0.016	0.000179	6.74	0.00134	0.018	0.000126	0.000095	0.0000617	0.0584	0.00000212	0.0000724	0.000254	0.00116	1.9E-09
2059 Sep	0.000886	0.0284	0.00000387	1.17	1.71	0.016	0.000179	6.74	0.00135	0.018	0.000126	0.0000951	0.0000617	0.0585	0.00000212	0.0000725	0.000254	0.00116	1.9E-09
2059 Oct	0.000882	0.0283	0.00000386	1.16	1.7	0.0159	0.000179	6.71	0.00134	0.018	0.000125	0.0000945	0.0000614	0.0583	0.00000211	0.0000722	0.000253	0.00116	1.89E-09
2059 Nov	0.000882	0.0283	0.00000386	1.16	1.7	0.0159	0.000179	6.7	0.00134	0.018	0.000125	0.0000944	0.0000614	0.0583	0.00000211	0.0000721	0.000253	0.00116	1.89E-09
2059 Dec	0.000882	0.0283	0.00000386	1.16	1.7	0.0159	0.000179	6.71	0.00134	0.018	0.000125	0.0000944	0.0000614	0.0583	0.00000211	0.0000721	0.000253	0.00116	1.89E-09
2060 Jan	0.000882	0.0283	0.00000386	1.16	1.7	0.0159	0.000179	6.71	0.00134	0.018	0.000125	0.0000944	0.0000614	0.0583	0.00000211	0.0000721	0.000253	0.00116	1.89E-09
2060 Feb	0.000882	0.0283	0.00000386	1.16	1.7	0.0159	0.000179	6.71	0.00134	0.018	0.000125	0.0000944	0.0000614	0.0583	0.00000211	0.0000721	0.000253	0.00116	1.89E-09
2060 Mar	0.000882	0.0283	0.00000386	1.16	1.7	0.0159	0.000179	6.71	0.00134	0.018	0.000125	0.0000945	0.0000614	0.0583	0.00000211	0.0000722	0.000253	0.00116	1.89E-09
2060 Apr	0.000882	0.0284	0.00000387	1.16	1.7	0.0159	0.000179	6.71	0.00134	0.018	0.000125	0.0000945	0.0000614	0.0583	0.00000211	0.0000722	0.000253	0.00116	1.89E-09
2060 May	0.000884	0.0286	0.00000388	1.17	1.71	0.0161	0.000179	6.71	0.00134	0.0181	0.000127	0.0000948	0.0000616	0.0586	0.00000212	0.0000722	0.000255	0.00116	1.88E-09
2060 Jun	0.000881	0.029	0.00000392	1.17	1.71	0.0166	0.000179	6.68	0.00134	0.0183	0.000131	0.0000955	0.0000617	0.059	0.00000211	0.0000719	0.00026	0.00116	1.86E-09
2060 Jul	0.000887	0.0292	0.00000395	1.18	1.73	0.0167	0.00018	6.72	0.00135	0.0185	0.000132	0.0000962	0.0000621	0.0594	0.00000212	0.0000724	0.000262	0.00117	1.87E-09
2060 Aug	0.000889	0.0293	0.00000396	1.18	1.73	0.0167	0.000181	6.74	0.00135	0.0186	0.000132	0.0000964	0.0000622	0.0596	0.00000212	0.0000725	0.000263	0.00117	1.88E-09
2060 Sep	0.000886	0.0292	0.00000396	1.17	1.72	0.0167	0.000181	6.71	0.00134	0.0186	0.000132	0.0000958	0.000062	0.0594	0.00000212	0.0000723	0.000262	0.00117	1.86E-09
2060 Oct	0.000886	0.0292	0.00000397	1.17	1.72	0.0167	0.000181	6.7	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000212	0.0000722	0.000261	0.00117	1.86E-09
2060 Nov	0.000885	0.0292	0.00000397	1.17	1.72	0.0166	0.000181	6.7	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000211	0.0000722	0.000261	0.00117	1.86E-09
2060 Dec	0.000885	0.0292	0.00000397	1.17	1.72	0.0166	0.000181	6.7	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000211	0.0000722	0.000261	0.00117	1.86E-09
2061 Jan	0.000885	0.0292	0.00000397	1.17	1.72	0.0166	0.000181	6.7	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000211	0.0000722	0.000261	0.00117	1.86E-09
2061 Feb	0.000885	0.0292	0.00000397	1.17	1.72	0.0166	0.000181	6.7	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000211	0.0000722	0.000261	0.00117	1.86E-09
2061 Mar	0.000885	0.0292	0.00000397	1.17	1.72	0.0166	0.000181	6.7	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000211	0.0000722	0.000261	0.00117	1.86E-09
2061 Apr	0.000886	0.0292	0.00000397	1.17	1.72	0.0167	0.000181	6.7	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000212	0.0000723	0.000261	0.00117	1.86E-09
2061 May	0.000887	0.0295	0.00000399	1.18	1.73	0.0169	0.000181	6.71	0.00134	0.0187	0.000134	0.0000962	0.0000622	0.0598	0.00000212	0.0000723	0.000265	0.00117	1.86E-09
2061 Jun	0.000882	0.0298	0.00000402	1.17	1.74	0.0174	0.00018	6.65	0.00134	0.0189	0.000138	0.0000966	0.0000621	0.0601	0.0000021	0.0000717	0.00027	0.00117	1.82E-09
2061 Jul	0.000888	0.03	0.00000405	1.18	1.75	0.0175	0.000181	6.69	0.00134	0.0191	0.000139	0.0000973	0.0000624	0.0605	0.00000211	0.0000722	0.000272	0.00118	1.83E-09
2061 Aug	0.000893	0.0302	0.00000407	1.19	1.76	0.0176	0.000182	6.72	0.00135	0.0192	0.00014	0.0000978	0.0000628	0.0608	0.00000212	0.0000726	0.000273	0.00118	1.84E-09
2061 Sep	0.000894	0.0303	0.00000408	1.19	1.76	0.0176	0.000183	6.73	0.00135	0.0192	0.00014	0.0000979	0.0000629	0.0609	0.00000213	0.0000727	0.000273	0.00119	1.85E-09
2061 Oct	0.000891	0.0302	0.00000408	1.18	1.75	0.0176	0.000183	6.71	0.00135	0.0192	0.000139	0.0000975	0.0000627	0.0607	0.00000212	0.0000725	0.000273	0.00118	1.84E-09
2061 Nov	0.000891	0.0302	0.00000408	1.18	1.75	0.0175	0.000183	6.7	0.00135	0.0192	0.000139	0.0000974	0.0000626	0.0607	0.00000212	0.0000724	0.000272	0.00118	1.84E-09
2061 Dec	0.000891	0.0302	0.00000408	1.18	1.75	0.0175	0.000183	6.7	0.00135	0.0192	0.000139	0.0000974	0.0000626	0.0607	0.00000212	0.0000724	0.000272	0.00118	1.84E-09
2062 Jan	0.000891	0.0302	0.00000408	1.18	1.75	0.0175	0.000183	6.71	0.00135	0.0192	0.000139	0.0000974	0.0000626	0.0607	0.00000212	0.0000724	0.000272	0.00118	1.84E-09
2062 Feb	0.000891	0.0302	0.00000408	1.18	1.75	0.0175	0.000183	6.71	0.00135	0.0192	0.000139	0.0000974	0.0000626	0.0607	0.00000212	0.0000724	0.000272	0.00118	1.84E-09
2062 Mar	0.000891	0.0302	0.00000408	1.18	1.75	0.0176	0.000183	6.71	0.00135	0.0192	0.000139	0.0000975	0.0000626	0.0607	0.00000212	0.0000724	0.000272	0.00118	1.84E-09
2062 Apr	0.000891	0.0302	0.00000408	1.18	1.75	0.0176	0.000183	6.71	0.00135	0.0192	0.000139	0.0000975	0.0000626	0.0607	0.00000212	0.0000725	0.000273	0.00118	1.84E-09
2062 May	0.000893	0.0302	0.00000409	1.19	1.76	0.0176	0.000183	6.72	0.00135	0.0193	0.000139	0.0000976	0.0000627	0.0608	0.00000212	0.0000726	0.000273	0.00118	1.84E-09
2062 Jun	0.000888	0.0303	0.00000412	1.18	1.75	0.0176	0.000182	6.67	0.00134	0.0194	0.000139	0.0000982	0.0000624	0.0606	0.00000212	0.0000722	0.000274	0.00119	1.82E-09
2062 Jul	0.000887	0.0304	0.00000414	1.18	1.75	0.0176	0.000182	6.65	0.00134	0.0195	0.00014	0.0000987	0.0000624	0.0607	0.00000211	0.0000721	0.000276	0.00119	1.81E-09

Appendix D.3-1: WN01

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2062 Aug	0.000889	0.0305	0.00000416	1.18	1.75	0.0177	0.000182	6.66	0.00134	0.0196	0.00014	0.0000988	0.0000625	0.0608	0.00000212	0.0000722	0.000276	0.00119	1.81E-09
2062 Sep	0.000887	0.0304	0.00000416	1.18	1.75	0.0176	0.000183	6.65	0.00134	0.0196	0.00014	0.0000986	0.0000624	0.0607	0.00000211	0.0000721	0.000275	0.00119	1.81E-09
2062 Oct	0.000881	0.0304	0.00000416	1.17	1.74	0.0176	0.000183	6.58	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0604	0.0000021	0.0000716	0.000274	0.00118	1.78E-09
2062 Nov	0.000881	0.0304	0.00000416	1.17	1.74	0.0176	0.000183	6.59	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0604	0.0000021	0.0000716	0.000274	0.00118	1.78E-09
2062 Dec	0.000881	0.0304	0.00000416	1.17	1.74	0.0176	0.000183	6.59	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0604	0.0000021	0.0000716	0.000274	0.00118	1.78E-09
2063 Jan	0.000881	0.0304	0.00000416	1.17	1.74	0.0176	0.000183	6.59	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0604	0.0000021	0.0000716	0.000274	0.00118	1.78E-09
2063 Feb	0.000881	0.0304	0.00000416	1.17	1.74	0.0176	0.000183	6.59	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0604	0.0000021	0.0000716	0.000274	0.00118	1.78E-09
2063 Mar	0.000881	0.0304	0.00000416	1.17	1.74	0.0176	0.000183	6.59	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0604	0.0000021	0.0000716	0.000274	0.00118	1.78E-09
2063 Apr	0.000882	0.0304	0.00000417	1.17	1.74	0.0176	0.000183	6.59	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0605	0.0000021	0.0000716	0.000274	0.00118	1.78E-09
2063 May	0.000883	0.0305	0.00000418	1.17	1.74	0.0177	0.000183	6.59	0.00133	0.0198	0.00014	0.0000981	0.000062	0.0607	0.0000021	0.0000717	0.000276	0.00118	1.78E-09
2063 Jun	0.000874	0.031	0.00000422	1.17	1.75	0.0183	0.000181	6.5	0.00132	0.02	0.000145	0.0000987	0.0000618	0.0609	0.00000208	0.0000708	0.000283	0.00118	1.73E-09
2063 Jul	0.000875	0.0311	0.00000423	1.17	1.75	0.0183	0.000181	6.5	0.00132	0.0201	0.000145	0.000099	0.0000618	0.061	0.00000208	0.0000708	0.000283	0.00118	1.73E-09
2063 Aug	0.00088	0.0312	0.00000426	1.17	1.76	0.0184	0.000182	6.54	0.00133	0.0202	0.000146	0.0000995	0.0000622	0.0614	0.00000209	0.0000712	0.000285	0.00119	1.74E-09
2063 Sep	0.00088	0.0313	0.00000427	1.18	1.76	0.0184	0.000183	6.54	0.00133	0.0203	0.000146	0.0000995	0.0000622	0.0614	0.00000209	0.0000713	0.000285	0.00119	1.74E-09
2063 Oct	0.000879	0.0312	0.00000427	1.17	1.76	0.0184	0.000183	6.53	0.00133	0.0203	0.000146	0.0000993	0.0000621	0.0613	0.00000209	0.0000712	0.000285	0.00119	1.74E-09
2063 Nov	0.000879	0.0312	0.00000427	1.17	1.76	0.0184	0.000183	6.53	0.00133	0.0203	0.000146	0.0000993	0.0000621	0.0613	0.00000209	0.0000712	0.000285	0.00119	1.74E-09
2063 Dec	0.000879	0.0312	0.00000427	1.17	1.76	0.0184	0.000183	6.53	0.00133	0.0203	0.000146	0.0000993	0.0000621	0.0614	0.00000209	0.0000712	0.000285	0.00119	1.74E-09
2064 Jan	0.000879	0.0312	0.00000427	1.17	1.76	0.0184	0.000183	6.53	0.00133	0.0203	0.000146	0.0000993	0.0000621	0.0614	0.00000209	0.0000712	0.000285	0.00119	1.74E-09
2064 Feb	0.000879	0.0312	0.00000427	1.17	1.76	0.0184	0.000183	6.53	0.00133	0.0203	0.000146	0.0000994	0.0000621	0.0614	0.00000209	0.0000712	0.000285	0.00119	1.74E-09
2064 Mar	0.00088	0.0313	0.00000427	1.17	1.76	0.0184	0.000183	6.53	0.00133	0.0203	0.000146	0.0000994	0.0000621	0.0614	0.00000209	0.0000712	0.000285	0.00119	1.74E-09
2064 Apr	0.00088	0.0313	0.00000427	1.17	1.76	0.0184	0.000183	6.53	0.00133	0.0203	0.000146	0.0000994	0.0000622	0.0614	0.00000209	0.0000712	0.000285	0.00119	1.74E-09
2064 May	0.000881	0.0315	0.00000428	1.18	1.76	0.0186	0.000183	6.53	0.00133	0.0204	0.000148	0.0000997	0.0000623	0.0616	0.00000209	0.0000712	0.000287	0.00119	1.73E-09
2064 Jun	0.000876	0.0318	0.00000431	1.17	1.77	0.0191	0.000181	6.48	0.00132	0.0206	0.000152	0.0001	0.0000622	0.062	0.00000207	0.0000707	0.000293	0.00119	1.7E-09
2064 Jul	0.000879	0.032	0.00000433	1.18	1.78	0.0192	0.000182	6.5	0.00133	0.0207	0.000153	0.000101	0.0000625	0.0623	0.00000208	0.0000709	0.000294	0.00119	1.71E-09
2064 Aug	0.000881	0.0321	0.00000435	1.18	1.78	0.0192	0.000183	6.52	0.00133	0.0207	0.000153	0.000101	0.0000626	0.0624	0.00000208	0.0000711	0.000295	0.0012	1.71E-09
2064 Sep	0.00088	0.0321	0.00000435	1.18	1.78	0.0192	0.000183	6.5	0.00133	0.0208	0.000153	0.000101	0.0000625	0.0623	0.00000208	0.000071	0.000294	0.0012	1.71E-09
2064 Oct	0.000881	0.0321	0.00000435	1.18	1.78	0.0192	0.000183	6.51	0.00133	0.0208	0.000153	0.000101	0.0000626	0.0624	0.00000208	0.000071	0.000294	0.0012	1.71E-09
2064 Nov	0.000881	0.0321	0.00000436	1.18	1.78	0.0192	0.000183	6.51	0.00133	0.0208	0.000153	0.000101	0.0000626	0.0624	0.00000208	0.0000711	0.000294	0.0012	1.71E-09
2064 Dec	0.000881	0.0321	0.00000436	1.18	1.78	0.0192	0.000183	6.51	0.00133	0.0208	0.000153	0.000101	0.0000626	0.0624	0.00000208	0.0000711	0.000294	0.0012	1.71E-09
2065 Jan	0.000881	0.0321	0.00000436	1.18	1.78	0.0192	0.000183	6.51	0.00133	0.0208	0.000153	0.000101	0.0000626	0.0624	0.00000208	0.0000711	0.000294	0.0012	1.71E-09
2065 Feb	0.000881	0.0321	0.00000436	1.18	1.78	0.0192	0.000183	6.51	0.00133	0.0208	0.000153	0.000101	0.0000626	0.0624	0.00000208	0.0000711	0.000294	0.0012	1.71E-09
2065 Mar	0.000881	0.0321	0.00000436	1.18	1.78	0.0192	0.000183	6.51	0.00133	0.0208	0.000153	0.000101	0.0000626	0.0624	0.00000208	0.0000711	0.000294	0.0012	1.71E-09
2065 Apr	0.000882	0.0321	0.00000436	1.18	1.78	0.0192	0.000184	6.51	0.00133	0.0208	0.000153	0.000101	0.0000626	0.0624	0.00000208	0.0000711	0.000294	0.0012	1.71E-09
2065 May	0.000883	0.0323	0.00000437	1.18	1.79	0.0194	0.000184	6.52	0.00133	0.0209	0.000154	0.000101	0.0000628	0.0627	0.00000209	0.0000712	0.000296	0.0012	1.71E-09
2065 Jun	0.00088	0.0325	0.00000439	1.18	1.79	0.0197	0.000183	6.48	0.00132	0.021	0.000157	0.000101	0.0000627	0.0629	0.00000207	0.0000708	0.0003	0.0012	1.68E-09
2065 Jul	0.000885	0.0328	0.00000442	1.19	1.8	0.0198	0.000184	6.52	0.00133	0.0212	0.000159	0.000102	0.0000631	0.0633	0.00000209	0.0000712	0.000302	0.00121	1.69E-09
2065 Aug	0.00089	0.033	0.00000445	1.2	1.81	0.0199	0.000185	6.55	0.00134	0.0213	0.000159	0.000103	0.0000635	0.0636	0.0000021	0.0000716	0.000304	0.00121	1.7E-09
2065 Sep	0.000887	0.0329	0.00000445	1.19	1.81	0.0199	0.000185	6.53	0.00134	0.0213	0.000159	0.000102	0.0000633	0.0635	0.00000209	0.0000714	0.000303	0.00121	1.69E-09
2065 Oct	0.000883	0.0328	0.00000444	1.19	1.8	0.0198	0.000185	6.49	0.00133	0.0213	0.000158	0.000101	0.0000629	0.0632	0.00000208	0.0000711	0.000301	0.0012	1.68E-09
2065 Nov	0.000883	0.0328	0.00000444	1.18	1.8	0.0198	0.000185	6.48	0.00133	0.0213	0.000158	0.000101	0.0000628	0.0632	0.00000208	0.000071	0.000301	0.0012	1.68E-09
2065 Dec	0.000883	0.0328	0.00000445	1.19	1.8	0.0198	0.000185	6.49	0.00133	0.0213	0.000158	0.000101	0.0000628	0.0632	0.00000208	0.0000711	0.000301	0.0012	1.68E-09
2066 Jan	0.000883	0.0328	0.00000445	1.19	1.8	0.0198	0.000185	6.49	0.00133	0.0213	0.000158	0.000101	0.0000628	0.0632	0.00000208	0.0000711	0.000301	0.0012	1.68E-09
2066 Feb	0.000883	0.0328	0.00000445	1.19	1.8	0.0198	0.000185	6.49	0.00133	0.0213	0.000158	0.000101	0.0000628	0.0632	0.00000208	0.0000711	0.000301	0.0012	1.68E-09
2066 Mar	0.000883	0.0328	0.00000445	1.19	1.8	0.0198	0.000185	6.49	0.00133	0.0213	0.000158	0.000101	0.0000628	0.0632	0.00000208	0.0000711	0.000301	0.0012	1.68E-09
2066 Apr	0.000883	0.0328	0.00000445	1.19	1.8	0.0198	0.000185	6.49	0.00133	0.0213	0.000158	0.000101	0.0000629	0.0632	0.00000208	0.0000711	0.000301	0.0012	1.68E-09
2066 May	0.000884	0.0329	0.00000445	1.19	1.8	0.0198	0.000186	6.5	0.00133	0.0214	0.000158	0.000102	0.000063	0.0633	0.00000208	0.0000712	0.000302	0.0012	1.68E-09
2066 Jun	0.000878	0.033	0.00000448	1.18	1.8	0.02	0.000184	6.43	0.00132	0.0215	0.00016	0.000102	0.0000627	0.0633	0.00000207	0.0000706	0.000305	0.0012	1.65E-09
2066 Jul	0.000884	0.0333	0.00000453	1.19	1.81	0.0202	0.000185	6.47	0.00133	0.0217	0.000161	0.000103	0.0000631	0.0638	0.00000208	0.000071	0.000307	0.00121	1.66E-09
2066 Aug	0.000889	0.0335	0.00000455	1.2	1.82	0.0203	0.000186	6.5	0.00133	0.0219	0.000162	0.000104	0.0000634	0.0641	0.00000209	0.0000714	0.000309	0.00122	1.67E-09
2066 Sep	0.000889	0.0335	0.00000456	1.2	1.82	0.0203	0.000187	6.5	0.00134	0.0219	0.000162	0.000103	0.0000634	0.0641	0.0000021	0.0000715	0.000309	0.00122	1.67E-09
2066 Oct	0.000888	0.0335	0.00000456	1.19	1.82	0.0202	0.000187	6.49	0.00133	0.0219	0.000161	0.000103	0.0000633	0.064	0.00000209	0.0000713	0.000308	0.00122	1.66E-09
2066 Nov	0.000887	0.0335	0.00000456	1.19	1.81	0.0202	0.000187	6.49	0.00133	0.0219	0.000161	0.000103	0.0000633	0.064	0.00000209	0.0000713	0.000308	0.00122	1.66E-09
2066 Dec	0.000888	0.0335	0.00000456	1.19	1.82	0.0202	0.000187	6.49	0.00133	0.0219	0.000161	0.000103	0.0000633	0.064	0.00000209	0.0000713	0.000308	0.00122	1.66E-09
2067 Jan	0.000888	0.0335	0.00000456	1.19	1.82	0.0202	0.000187	6.49	0.00133	0.0219	0.000161	0.000103	0.0000633	0.064	0.00000209	0.0000713	0.000308	0.00122	1.66E-09
2067 Feb	0.000888	0.0335	0.00000456	1.19	1.82	0.0202	0.000187	6.49	0.00133	0.0219	0.000161	0.000103	0.0000633	0.064	0.00000209	0.0000713	0.000308	0.00122	1.66E-09
2067 Mar	0.000888	0.0335	0.00000456	1.19	1.82	0.0202	0.000187	6.49	0.00133	0.0219	0.000161	0.000103	0.0000633	0.064	0.00000209	0.0000714	0.000308	0.00122	1.66E-09
2067 Apr	0.000888	0.0335	0.00000456	1.19	1.82	0.0202	0.000187	6.49	0.00133	0.0219	0.000162	0.000103	0.0000633	0.0641	0.00000209	0.0000714	0.000308	0.00122	1.66E-09
2067 May	0.00089	0.0336	0.00000457	1.2	1.82	0.0204	0.000187	6.5	0.00134	0.022	0.000163	0.000104	0.0000635	0.0643	0.00000209	0.0000715	0.00031	0.00122	1.66E-09
2067 Jun	0.000887	0.0339	0.00000459	1.2	1.83	0.0207	0.000187	6.47	0.00133	0.0221	0.000165	0.000104	0.0000635	0.0645	0.00000209	0.0000712	0.000313	0.00122	1.64E-09
2067 Jul	0.000893	0.0341	0.00000462	1.2	1.84	0.0208	0.000188	6.51	0.00134	0.0223	0.000166	0.000105	0.0000639	0.0649	0.0000021	0.0000716	0.000316	0.00123	1.65E-09
2067 Aug	0.000896	0.0342	0.00000464	1.21	1.84	0.0209	0.000189	6.53	0.00134	0.0224	0.000167	0.000105	0.0000641	0.0651	0.00000211	0.0000718	0.000316	0.00123	1.66E-09
2067 Sep	0.000897	0.0343	0.00000465	1.21	1.84	0.0209	0.000189	6.54	0.00135	0.0224	0.000167	0.000105	0.0000641	0.0652	0.00000211	0.0000719	0.000317	0.00123	1.66E-09
2067 Oct	0.000895	0.0342	0.00000465	1.2	1.84	0.0208	0.000189	6.52	0.00134	0.0224	0.000166	0.000105	0.0000639	0.0651	0.0000021	0.0000718	0.000316	0.00123	1.65E-09
2067 Nov	0.000894	0.0342	0.00000465	1.2	1.84	0.0208	0.000189	6.52	0.00134	0.0224	0.000166	0.000104	0.0000639	0.0651	0.0000021	0.0000718	0.000315	0.00123	1.65E-09
2067 Dec	0.000895	0.0342	0.00000465	1.2	1.84	0.0208	0.000189	6.52	0.00134	0.0224	0.000166	0.000104	0.0000639	0.0651	0.0000021	0.0000718	0.000315	0.00123	1.65E-09
2068 Jan	0.000895	0.0342	0.00000465	1.2	1.84	0.0208	0.000189	6.52	0.00134	0.0224	0.000166	0.000104	0.0000639	0.0651	0.0000021	0.0000718	0.000315	0.00123	1.65E-09
2068 Feb	0.000895	0.0342	0.00000465	1.2	1.84	0.0208	0.000189	6.52	0.00134	0.0224	0.000166	0.000104	0.0000639	0.0651	0.0000021	0.0000718	0.000315	0.00123	1.65E-09
2068 Mar	0.000895	0.0342	0.00000465	1.21	1.84	0.0208	0.000189	6.52	0.00134	0.0224	0.000166	0.000105	0.0000639	0.0651	0.0000021	0.0000718	0.000316	0.00123	1.65E-09
2068 Apr	0.000896	0.0342	0.00000465	1.21	1.84	0.0208	0.000189	6.52	0.00134	0.0224	0.000166	0.000105	0.000064	0.0651	0.00000211	0.0000718	0.000316	0.00123	1.65E-09
2068 May	0.000897	0.0344	0.00000467	1.21	1.85	0.021	0.00019	6.53	0.00134	0.0225	0.000168	0.000105	0.0000642	0.0654	0.00000211	0.0000719	0.000318	0.00123	1.65E-09
2068 Jun	0.000888	0.0347	0.00000468	1.2	1.85	0.0214	0.000187	6.45	0.00133	0.0226	0.000172	0.000105	0.0000638	0.0655	0.00000208	0.000071	0.000322	0.00123	1.61E-09
2068 Jul	0.000891	0.0348	0.00000471	1.2	1.85	0.0215	0.000188	6.46	0.00133	0.0228	0.000172	0.000105	0.000064	0.0657	0.00000209	0.0000712	0.000324	0.00123	1.61E-09
2068 Aug	0.000896	0.035	0.00000474	1.21	1.86	0.0216	0.000189	6.5	0.00134	0.0229	0.000173	0.000106	0.0000644	0.0661	0.0000021	0.0000716	0.000325	0.00124	1.62E-09
2068 Sep	0.000896	0.0351	0.00000474	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.0229	0.000173	0.000106	0.0000644	0.0661	0.0000021	0.0000717	0.000325	0.00124	1.62E-09
2068 Oct	0.000897	0.0351	0.00000475	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0661	0.0000021	0.0000717	0.000325	0.00124	1.62E-09
2068 Nov	0.000897	0.0351	0.00000475	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0662	0.0000021	0.0000717	0.000326	0.00124	1.62E-09
2068 Dec	0.000897	0.0351	0.00000475	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0662	0.0000021	0.0000717	0.000326	0.00124	1.62E-09

Appendix D.3-1: WN01

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Jan	0.000897	0.0351	0.00000475	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0662	0.0000021	0.0000717	0.000326	0.00124	1.62E-09
2069 Feb	0.000897	0.0351	0.00000475	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0662	0.0000021	0.0000717	0.000326	0.00124	1.62E-09
2069 Mar	0.000897	0.0351	0.00000475	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0662	0.0000021	0.0000717	0.000326	0.00124	1.62E-09
2069 Apr	0.000898	0.0351	0.00000475	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0662	0.0000021	0.0000718	0.000326	0.00124	1.62E-09
2069 May	0.0009	0.0352	0.00000476	1.22	1.87	0.0217	0.00019	6.52	0.00135	0.023	0.000174	0.000106	0.0000646	0.0663	0.00000211	0.0000719	0.000326	0.00124	1.63E-09
2069 Jun	0.000895	0.0353	0.00000478	1.21	1.86	0.0218	0.000189	6.47	0.00134	0.0231	0.000175	0.000107	0.0000644	0.0662	0.0000021	0.0000715	0.000328	0.00124	1.61E-09
2069 Jul	0.000899	0.0355	0.00000482	1.22	1.87	0.0219	0.00019	6.5	0.00135	0.0233	0.000175	0.000107	0.0000646	0.0665	0.00000211	0.0000718	0.00033	0.00125	1.61E-09
2069 Aug	0.000902	0.0356	0.00000484	1.22	1.88	0.022	0.000191	6.52	0.00135	0.0234	0.000176	0.000108	0.0000649	0.0668	0.00000211	0.0000721	0.000331	0.00126	1.62E-09
2069 Sep	0.0009	0.0355	0.00000483	1.22	1.87	0.0219	0.000191	6.5	0.00135	0.0234	0.000175	0.000107	0.0000647	0.0666	0.00000211	0.0000719	0.00033	0.00125	1.61E-09
2069 Oct	0.000896	0.0354	0.00000483	1.21	1.87	0.0218	0.000191	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0663	0.0000021	0.0000716	0.000328	0.00125	1.6E-09
2069 Nov	0.000896	0.0354	0.00000483	1.21	1.87	0.0218	0.000191	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0663	0.0000021	0.0000716	0.000328	0.00125	1.59E-09
2069 Dec	0.000896	0.0354	0.00000483	1.21	1.87	0.0218	0.000191	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0664	0.0000021	0.0000716	0.000328	0.00125	1.59E-09
2070 Jan	0.000896	0.0354	0.00000483	1.21	1.87	0.0218	0.000191	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0664	0.0000021	0.0000716	0.000328	0.00125	1.59E-09
2070 Feb	0.000896	0.0354	0.00000483	1.21	1.87	0.0218	0.000191	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0664	0.0000021	0.0000716	0.000328	0.00125	1.59E-09
2070 Mar	0.000896	0.0354	0.00000483	1.21	1.87	0.0218	0.000191	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0664	0.0000021	0.0000716	0.000328	0.00125	1.59E-09
2070 Apr	0.000896	0.0354	0.00000483	1.21	1.87	0.0218	0.000191	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0664	0.0000021	0.0000716	0.000329	0.00125	1.6E-09
2070 May	0.000898	0.0356	0.00000485	1.21	1.87	0.0219	0.000192	6.47	0.00134	0.0235	0.000176	0.000107	0.0000645	0.0666	0.0000021	0.0000717	0.00033	0.00125	1.59E-09
2070 Jun	0.000896	0.0359	0.00000487	1.21	1.88	0.0223	0.000191	6.44	0.00134	0.0236	0.000179	0.000107	0.0000645	0.0669	0.00000209	0.0000714	0.000334	0.00125	1.58E-09
2070 Jul	0.000901	0.0361	0.0000049	1.22	1.89	0.0224	0.000192	6.47	0.00135	0.0238	0.00018	0.000108	0.0000649	0.0673	0.0000021	0.0000718	0.000336	0.00126	1.58E-09
2070 Aug	0.000904	0.0362	0.00000492	1.22	1.9	0.0225	0.000193	6.5	0.00135	0.0239	0.00018	0.000108	0.0000651	0.0675	0.00000211	0.0000721	0.000337	0.00126	1.59E-09
2070 Sep	0.000903	0.0362	0.00000492	1.22	1.89	0.0224	0.000193	6.49	0.00135	0.0239	0.00018	0.000108	0.000065	0.0675	0.00000211	0.000072	0.000337	0.00126	1.58E-09
2070 Oct	0.000901	0.0361	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00134	0.0239	0.000179	0.000108	0.0000648	0.0673	0.0000021	0.0000718	0.000336	0.00126	1.58E-09
2070 Nov	0.000901	0.0361	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00134	0.0239	0.000179	0.000108	0.0000648	0.0673	0.0000021	0.0000718	0.000336	0.00126	1.58E-09
2070 Dec	0.000901	0.0361	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00134	0.0239	0.000179	0.000108	0.0000648	0.0673	0.0000021	0.0000718	0.000336	0.00126	1.58E-09
2071 Jan	0.000901	0.0361	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00134	0.0239	0.000179	0.000108	0.0000648	0.0673	0.0000021	0.0000718	0.000336	0.00126	1.58E-09
2071 Feb	0.000901	0.0361	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00134	0.0239	0.000179	0.000108	0.0000648	0.0673	0.0000021	0.0000718	0.000336	0.00126	1.58E-09
2071 Mar	0.000901	0.0361	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00134	0.0239	0.000179	0.000108	0.0000648	0.0673	0.0000021	0.0000718	0.000336	0.00126	1.58E-09
2071 Apr	0.000901	0.0361	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00134	0.0239	0.000179	0.000108	0.0000648	0.0673	0.00000211	0.0000719	0.000336	0.00126	1.58E-09
2071 May	0.000902	0.0363	0.00000493	1.22	1.89	0.0225	0.000193	6.47	0.00135	0.024	0.00018	0.000108	0.0000649	0.0675	0.0000021	0.0000719	0.000337	0.00126	1.58E-09
2071 Jun	0.000897	0.0365	0.00000494	1.22	1.89	0.0228	0.000192	6.42	0.00134	0.0241	0.000183	0.000108	0.0000648	0.0677	0.00000209	0.0000714	0.000341	0.00125	1.55E-09
2071 Jul	0.0009	0.0367	0.00000496	1.22	1.9	0.0229	0.000193	6.44	0.00134	0.0242	0.000184	0.000109	0.000065	0.0679	0.0000021	0.0000716	0.000342	0.00126	1.55E-09
2071 Aug	0.000904	0.0368	0.00000499	1.23	1.91	0.023	0.000194	6.47	0.00135	0.0243	0.000185	0.000109	0.0000653	0.0682	0.00000211	0.0000719	0.000344	0.00127	1.56E-09
2071 Sep	0.000902	0.0368	0.00000499	1.22	1.91	0.0229	0.000194	6.45	0.00135	0.0243	0.000184	0.000109	0.0000651	0.0681	0.0000021	0.0000718	0.000343	0.00126	1.56E-09
2071 Oct	0.000901	0.0367	0.00000499	1.22	1.9	0.0229	0.000194	6.44	0.00134	0.0243	0.000184	0.000109	0.000065	0.068	0.0000021	0.0000717	0.000342	0.00126	1.55E-09
2071 Nov	0.000901	0.0367	0.00000499	1.22	1.9	0.0229	0.000194	6.44	0.00134	0.0243	0.000184	0.000109	0.000065	0.068	0.0000021	0.0000717	0.000342	0.00126	1.55E-09
2071 Dec	0.000901	0.0367	0.00000499	1.22	1.9	0.0229	0.000194	6.44	0.00134	0.0243	0.000184	0.000109	0.000065	0.068	0.0000021	0.0000717	0.000342	0.00126	1.55E-09
2072 Jan	0.000901	0.0367	0.00000499	1.22	1.9	0.0229	0.000194	6.44	0.00134	0.0243	0.000184	0.000109	0.000065	0.068	0.0000021	0.0000717	0.000342	0.00126	1.55E-09
2072 Feb	0.000901	0.0367	0.00000499	1.22	1.9	0.0229	0.000194	6.44	0.00134	0.0243	0.000184	0.000109	0.000065	0.068	0.0000021	0.0000717	0.000342	0.00126	1.55E-09
2072 Mar	0.000901	0.0367	0.00000499	1.22	1.9	0.0229	0.000194	6.44	0.00134	0.0243	0.000184	0.000109	0.000065	0.068	0.0000021	0.0000717	0.000342	0.00126	1.55E-09
2072 Apr	0.000901	0.0367	0.00000499	1.22	1.9	0.0229	0.000194	6.44	0.00134	0.0243	0.000184	0.000109	0.000065	0.068	0.0000021	0.0000717	0.000342	0.00126	1.55E-09
2072 May	0.000903	0.0368	0.000005	1.23	1.91	0.0229	0.000194	6.45	0.00135	0.0244	0.000184	0.000109	0.0000651	0.0682	0.0000021	0.0000718	0.000343	0.00126	1.55E-09
2072 Jun	0.0009	0.0368	0.00000502	1.22	1.9	0.0229	0.000194	6.43	0.00134	0.0245	0.000184	0.000109	0.000065	0.068	0.0000021	0.0000716	0.000344	0.00127	1.54E-09
2072 Jul	0.000903	0.037	0.00000505	1.23	1.91	0.023	0.000194	6.44	0.00135	0.0246	0.000185	0.00011	0.0000651	0.0682	0.00000211	0.0000718	0.000345	0.00127	1.54E-09
2072 Aug	0.000903	0.037	0.00000506	1.23	1.91	0.023	0.000195	6.43	0.00135	0.0247	0.000184	0.00011	0.0000651	0.0683	0.00000211	0.0000718	0.000345	0.00127	1.54E-09
2072 Sep	0.000902	0.037	0.00000506	1.22	1.91	0.023	0.000195	6.42	0.00134	0.0247	0.000184	0.00011	0.0000651	0.0682	0.0000021	0.0000717	0.000344	0.00127	1.54E-09
2072 Oct	0.000899	0.0369	0.00000506	1.22	1.9	0.0229	0.000195	6.4	0.00134	0.0247	0.000183	0.000109	0.0000648	0.068	0.0000021	0.0000715	0.000343	0.00127	1.53E-09
2072 Nov	0.000899	0.0369	0.00000506	1.22	1.9	0.0229	0.000195	6.39	0.00134	0.0247	0.000183	0.000109	0.0000648	0.068	0.0000021	0.0000715	0.000343	0.00127	1.53E-09
2072 Dec	0.000899	0.0369	0.00000506	1.22	1.9	0.0229	0.000195	6.39	0.00134	0.0247	0.000183	0.000109	0.0000648	0.068	0.0000021	0.0000715	0.000343	0.00127	1.53E-09
2073 Jan	0.000899	0.0369	0.00000506	1.22	1.9	0.0229	0.000195	6.39	0.00134	0.0247	0.000183	0.000109	0.0000648	0.068	0.0000021	0.0000715	0.000343	0.00127	1.53E-09
2073 Feb	0.000899	0.0369	0.00000506	1.22	1.9	0.0229	0.000195	6.39	0.00134	0.0247	0.000183	0.000109	0.0000648	0.068	0.0000021	0.0000715	0.000343	0.00127	1.53E-09
2073 Mar	0.000899	0.0369	0.00000506	1.22	1.9	0.0229	0.000195	6.39	0.00134	0.0247	0.000183	0.000109	0.0000648	0.068	0.0000021	0.0000715	0.000343	0.00127	1.53E-09
2073 Apr	0.0009	0.0369	0.00000507	1.22	1.9	0.0229	0.000196	6.4	0.00134	0.0247	0.000183	0.000109	0.0000648	0.0681	0.0000021	0.0000716	0.000344	0.00127	1.53E-09
2073 May	0.000901	0.0372	0.00000508	1.22	1.91	0.0231	0.000196	6.4	0.00134	0.0248	0.000185	0.000109	0.000065	0.0684	0.0000021	0.0000716	0.000346	0.00127	1.52E-09
2073 Jun	0.000898	0.0374	0.0000051	1.22	1.91	0.0235	0.000195	6.37	0.00134	0.0249	0.000188	0.00011	0.000065	0.0687	0.00000209	0.0000713	0.00035	0.00127	1.51E-09
2073 Jul	0.000902	0.0376	0.00000512	1.23	1.92	0.0235	0.000196	6.39	0.00134	0.025	0.000189	0.00011	0.0000653	0.0689	0.0000021	0.0000715	0.000351	0.00127	1.51E-09
2073 Aug	0.000905	0.0377	0.00000515	1.23	1.93	0.0236	0.000196	6.42	0.00135	0.0252	0.00019	0.000111	0.0000655	0.0692	0.00000211	0.0000718	0.000352	0.00128	1.51E-09
2073 Sep	0.000905	0.0377	0.00000515	1.23	1.93	0.0236	0.000197	6.41	0.00135	0.0252	0.00019	0.000111	0.0000655	0.0691	0.0000021	0.0000718	0.000352	0.00128	1.51E-09
2073 Oct	0.000902	0.0376	0.00000514	1.23	1.92	0.0235	0.000197	6.39	0.00134	0.0252	0.000189	0.00011	0.0000653	0.069	0.0000021	0.0000716	0.000351	0.00127	1.51E-09
2073 Nov	0.000902	0.0376	0.00000514	1.23	1.92	0.0235	0.000197	6.39	0.00134	0.0252	0.000189	0.00011	0.0000652	0.0689	0.0000021	0.0000716	0.000351	0.00127	1.51E-09
2073 Dec	0.000902	0.0376	0.00000514	1.23	1.92	0.0235	0.000197	6.39	0.00134	0.0252	0.000189	0.00011	0.0000652	0.069	0.0000021	0.0000716	0.000351	0.00127	1.51E-09
2074 Jan	0.000902	0.0376	0.00000514	1.23	1.92	0.0235	0.000197	6.39	0.00134	0.0252	0.000189	0.00011	0.0000652	0.069	0.0000021	0.0000716	0.000351	0.00127	1.51E-09
2074 Feb	0.000902	0.0376	0.00000514	1.23	1.92	0.0235	0.000197	6.39	0.00134	0.0252	0.000189	0.00011	0.0000652	0.069	0.0000021	0.0000716	0.000351	0.00127	1.51E-09
2074 Mar	0.000902	0.0376	0.00000514	1.23	1.92	0.0235	0.000197	6.39	0.00134	0.0252	0.000189	0.00011	0.0000652	0.069	0.0000021	0.0000716	0.000351	0.00127	1.51E-09
2074 Apr	0.000903	0.0377	0.00000515	1.23	1.92	0.0235	0.000197	6.4	0.00134	0.0252	0.000189	0.00011	0.0000653	0.069	0.0000021	0.0000717	0.000351	0.00127	1.51E-09
2074 May	0.000904	0.0379	0.00000517	1.23	1.93	0.0238	0.000197	6.4	0.00134	0.0253	0.000191	0.000111	0.0000655	0.0694	0.0000021	0.0000717	0.000354	0.00128	1.5E-09
2074 Jun	0.000899	0.0382	0.00000518	1.23	1.93	0.0243	0.000196	6.35	0.00134	0.0254	0.000195	0.000111	0.0000654	0.0696	0.00000208	0.0000711	0.000359	0.00127	1.47E-09
2074 Jul	0.000904	0.0385	0.00000521	1.23	1.94	0.0244	0.000197	6.38	0.00134	0.0256	0.000196	0.000111	0.0000657	0.07	0.00000209	0.0000715	0.000361	0.00128	1.48E-09
2074 Aug	0.000909	0.0387	0.00000524	1.24	1.96	0.0245	0.000198	6.42	0.00135	0.0257	0.000198	0.000112	0.0000661	0.0704	0.00000211	0.0000719	0.000363	0.00129	1.49E-09
2074 Sep	0.000908	0.0386	0.00000524	1.24	1.95	0.0245	0.000198	6.41	0.00135	0.0257	0.000197	0.000112	0.000066	0.0703	0.0000021	0.0000718	0.000362	0.00128	1.48E-09
2074 Oct	0.000907	0.0386	0.00000524	1.24	1.95	0.0244	0.000198	6.39	0.00135	0.0257	0.000197	0.000111	0.0000659	0.0702	0.0000021	0.0000717	0.000361	0.00128	1.48E-09
2074 Nov	0.000907	0.0386	0.00000524	1.24	1.95	0.0244	0.000198	6.39	0.00135	0.0257	0.000196	0.000111	0.0000659	0.0702	0.0000021	0.0000717	0.000361	0.00128	1.48E-09
2074 Dec	0.000907	0.0386	0.00000524	1.24	1.95	0.0244	0.000198	6.39	0.00135	0.0257	0.000196	0.000111	0.0000659	0.0702	0.0000021	0.0000717	0.000361	0.00128	1.48E-09
2075 Jan	0.000907	0.0386	0.00000524	1.24	1.95	0.0244	0.000198	6.39	0.00135	0.0257	0.000196	0.000111	0.0000659	0.0702	0.0000021	0.0000717	0.000361	0.00128	1.48E-09
2075 Feb	0.000907	0.0386	0.00000524	1.24	1.95	0.0244	0.000198	6.39	0.00135	0.0257	0.000196	0.000111	0.0000659	0.0702	0.0000021	0.0000717	0.000361	0.00128	1.48E-09
2075 Mar	0.000907	0.0386	0.00000524	1.24	1.95	0.0244	0.000198	6.39	0.00135	0.0257	0.000196	0.000111	0.0000659	0.0702	0.0000021	0.0000717	0.000361	0.00128	1.48E-09
2075 Apr	0.000907	0.0386	0.00000524	1.24	1.95	0.0244	0.000198	6.4	0.00135	0.0258	0.000197	0.000112	0.0000659	0.0703	0.0000021	0.0000718	0.000361	0.00128	1.48E-09
2075 May	0.000909	0.0387	0.00000525	1.24	1.96	0.0245	0.000199	6.41	0.00135	0.0258	0.000197	0.000112	0.0000661	0.0704	0.0000021	0.0000719	0.000363	0.00129	1.48E-09

Appendix D.3-1: WN01

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2075 Jun	0.000903	0.0386	0.00000527	1.23	1.94	0.0244	0.000197	6.35	0.00134	0.0259	0.000197	0.000112	0.0000657	0.0701	0.00000209	0.0000714	0.000363	0.00129	1.46E-09
2075 Jul	0.000905	0.0388	0.0000053	1.24	1.95	0.0245	0.000198	6.36	0.00134	0.026	0.000197	0.000113	0.0000658	0.0703	0.0000021	0.0000715	0.000364	0.00129	1.46E-09
2075 Aug	0.000908	0.0389	0.00000532	1.24	1.95	0.0246	0.000198	6.38	0.00135	0.0261	0.000198	0.000113	0.000066	0.0705	0.00000211	0.0000718	0.000365	0.00129	1.47E-09
2075 Sep	0.000909	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.39	0.00135	0.0261	0.000198	0.000113	0.0000661	0.0706	0.00000211	0.0000719	0.000366	0.0013	1.47E-09
2075 Oct	0.000908	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0261	0.000198	0.000113	0.000066	0.0706	0.00000211	0.0000718	0.000365	0.0013	1.47E-09
2075 Nov	0.000909	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.000066	0.0706	0.00000211	0.0000718	0.000365	0.0013	1.47E-09
2075 Dec	0.000909	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.000066	0.0706	0.00000211	0.0000718	0.000365	0.0013	1.47E-09
2076 Jan	0.000909	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.000066	0.0706	0.00000211	0.0000718	0.000365	0.0013	1.47E-09
2076 Feb	0.000909	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.000066	0.0706	0.00000211	0.0000719	0.000365	0.0013	1.47E-09
2076 Mar	0.000909	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.000066	0.0706	0.00000211	0.0000719	0.000365	0.0013	1.47E-09
2076 Apr	0.000909	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.0000661	0.0706	0.00000211	0.0000719	0.000366	0.0013	1.47E-09
2076 May	0.000911	0.0391	0.00000534	1.24	1.96	0.0247	0.0002	6.39	0.00135	0.0262	0.000199	0.000113	0.0000662	0.0708	0.00000211	0.000072	0.000367	0.0013	1.47E-09
2076 Jun	0.000906	0.0393	0.00000535	1.24	1.96	0.0251	0.000198	6.35	0.00134	0.0263	0.000202	0.000113	0.0000661	0.071	0.0000021	0.0000715	0.000371	0.0013	1.44E-09
2076 Jul	0.000909	0.0395	0.00000537	1.24	1.97	0.0251	0.000199	6.37	0.00135	0.0264	0.000203	0.000114	0.0000663	0.0712	0.0000021	0.0000717	0.000372	0.0013	1.45E-09
2076 Aug	0.000914	0.0397	0.0000054	1.25	1.98	0.0253	0.0002	6.4	0.00136	0.0266	0.000204	0.000115	0.0000667	0.0716	0.00000211	0.0000721	0.000374	0.00131	1.45E-09
2076 Sep	0.000915	0.0398	0.00000541	1.25	1.98	0.0253	0.0002	6.41	0.00136	0.0266	0.000204	0.000115	0.0000668	0.0717	0.00000212	0.0000722	0.000374	0.00131	1.46E-09
2076 Oct	0.000913	0.0397	0.00000541	1.25	1.98	0.0252	0.0002	6.39	0.00135	0.0266	0.000203	0.000114	0.0000666	0.0715	0.00000211	0.000072	0.000373	0.00131	1.45E-09
2076 Nov	0.000913	0.0397	0.00000541	1.25	1.98	0.0252	0.0002	6.39	0.00135	0.0266	0.000203	0.000114	0.0000666	0.0715	0.00000211	0.000072	0.000373	0.00131	1.45E-09
2076 Dec	0.000913	0.0397	0.00000541	1.25	1.98	0.0252	0.0002	6.39	0.00135	0.0266	0.000203	0.000114	0.0000666	0.0715	0.00000211	0.000072	0.000373	0.00131	1.45E-09
2077 Jan	0.000913	0.0397	0.00000541	1.25	1.98	0.0252	0.0002	6.39	0.00135	0.0266	0.000203	0.000114	0.0000666	0.0715	0.00000211	0.000072	0.000373	0.00131	1.45E-09
2077 Feb	0.000913	0.0397	0.00000541	1.25	1.98	0.0252	0.0002	6.39	0.00135	0.0266	0.000203	0.000114	0.0000666	0.0715	0.00000211	0.000072	0.000373	0.00131	1.45E-09
2077 Mar	0.000913	0.0397	0.00000541	1.25	1.98	0.0252	0.0002	6.39	0.00135	0.0266	0.000203	0.000114	0.0000666	0.0715	0.00000211	0.000072	0.000373	0.00131	1.45E-09
2077 Apr	0.000914	0.0397	0.00000541	1.25	1.98	0.0252	0.0002	6.39	0.00135	0.0266	0.000203	0.000114	0.0000666	0.0716	0.00000211	0.0000721	0.000373	0.00131	1.45E-09
2077 May	0.000915	0.0398	0.00000542	1.25	1.98	0.0254	0.000201	6.4	0.00136	0.0267	0.000204	0.000115	0.0000667	0.0718	0.00000211	0.0000721	0.000375	0.00131	1.45E-09
2077 Jun	0.00091	0.04	0.00000542	1.25	1.98	0.0256	0.000199	6.35	0.00135	0.0267	0.000207	0.000115	0.0000666	0.0718	0.0000021	0.0000716	0.000378	0.0013	1.43E-09
2077 Jul	0.000914	0.0402	0.00000546	1.25	1.99	0.0257	0.0002	6.38	0.00135	0.0269	0.000208	0.000115	0.0000669	0.0722	0.00000211	0.000072	0.00038	0.00131	1.43E-09
2077 Aug	0.000919	0.0404	0.00000549	1.26	2	0.0259	0.000201	6.42	0.00136	0.027	0.000209	0.000116	0.0000672	0.0726	0.00000212	0.0000724	0.000382	0.00132	1.44E-09
2077 Sep	0.000916	0.0403	0.00000548	1.26	2	0.0258	0.000201	6.39	0.00136	0.027	0.000208	0.000115	0.000067	0.0723	0.00000211	0.0000721	0.00038	0.00131	1.43E-09
2077 Oct	0.000915	0.0403	0.00000548	1.25	1.99	0.0257	0.000201	6.38	0.00136	0.027	0.000207	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.000379	0.00131	1.43E-09
2077 Nov	0.000916	0.0403	0.00000548	1.25	2	0.0257	0.000202	6.38	0.00136	0.027	0.000207	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.00038	0.00131	1.43E-09
2077 Dec	0.000916	0.0403	0.00000548	1.26	2	0.0257	0.000202	6.38	0.00136	0.027	0.000207	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.00038	0.00131	1.43E-09
2078 Jan	0.000916	0.0403	0.00000548	1.26	2	0.0257	0.000202	6.38	0.00136	0.027	0.000207	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.00038	0.00131	1.43E-09
2078 Feb	0.000916	0.0403	0.00000548	1.26	2	0.0257	0.000202	6.38	0.00136	0.027	0.000207	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.00038	0.00131	1.43E-09
2078 Mar	0.000916	0.0403	0.00000548	1.26	2	0.0257	0.000202	6.38	0.00136	0.027	0.000207	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.00038	0.00131	1.43E-09
2078 Apr	0.000916	0.0403	0.00000548	1.26	2	0.0258	0.000202	6.39	0.00136	0.027	0.000208	0.000115	0.000067	0.0723	0.00000212	0.0000722	0.00038	0.00131	1.43E-09
2078 May	0.000917	0.0406	0.0000055	1.26	2.01	0.0261	0.000202	6.39	0.00136	0.0272	0.000211	0.000116	0.0000672	0.0728	0.00000211	0.0000721	0.000384	0.00132	1.43E-09
2078 Jun	0.000913	0.0408	0.0000055	1.26	2.01	0.0264	0.0002	6.35	0.00135	0.0272	0.000213	0.000116	0.0000671	0.0729	0.0000021	0.0000717	0.000387	0.00131	1.41E-09
2078 Jul	0.000918	0.0411	0.00000554	1.26	2.02	0.0266	0.000202	6.39	0.00136	0.0274	0.000215	0.000117	0.0000675	0.0733	0.00000211	0.0000721	0.000389	0.00132	1.41E-09
2078 Aug	0.000921	0.0412	0.00000556	1.27	2.03	0.0266	0.000202	6.4	0.00136	0.0275	0.000215	0.000117	0.0000677	0.0735	0.00000212	0.0000723	0.00039	0.00132	1.42E-09
2078 Sep	0.000922	0.0412	0.00000557	1.27	2.03	0.0266	0.000203	6.41	0.00136	0.0275	0.000215	0.000117	0.0000678	0.0736	0.00000212	0.0000724	0.00039	0.00132	1.42E-09
2078 Oct	0.000921	0.0412	0.00000557	1.27	2.03	0.0266	0.000203	6.4	0.00136	0.0275	0.000215	0.000117	0.0000677	0.0736	0.00000212	0.0000723	0.00039	0.00132	1.41E-09
2078 Nov	0.000921	0.0412	0.00000557	1.27	2.03	0.0266	0.000203	6.4	0.00136	0.0275	0.000215	0.000117	0.0000677	0.0736	0.00000212	0.0000723	0.00039	0.00132	1.41E-09
2078 Dec	0.000921	0.0412	0.00000557	1.27	2.03	0.0266	0.000203	6.4	0.00136	0.0275	0.000215	0.000117	0.0000677	0.0736	0.00000212	0.0000723	0.00039	0.00132	1.41E-09
2079 Jan	0.000921	0.0412	0.00000557	1.27	2.03	0.0266	0.000203	6.4	0.00136	0.0275	0.000215	0.000117	0.0000677	0.0736	0.00000212	0.0000723	0.00039	0.00132	1.41E-09
2079 Feb	0.000921	0.0412	0.00000557	1.27	2.03	0.0266	0.000203	6.4	0.00136	0.0275	0.000215	0.000117	0.0000677	0.0736	0.00000212	0.0000723	0.00039	0.00132	1.41E-09
2079 Mar	0.000921	0.0412	0.00000557	1.27	2.03	0.0266	0.000203	6.4	0.00136	0.0275	0.000215	0.000117	0.0000677	0.0736	0.00000212	0.0000723	0.00039	0.00132	1.41E-09
2079 Apr	0.000922	0.0412	0.00000557	1.27	2.03	0.0266	0.000203	6.4	0.00136	0.0275	0.000215	0.000117	0.0000677	0.0736	0.00000212	0.0000724	0.00039	0.00132	1.41E-09
2079 May	0.000923	0.0413	0.00000558	1.27	2.03	0.0267	0.000203	6.41	0.00137	0.0276	0.000216	0.000117	0.0000678	0.0737	0.00000212	0.0000725	0.000391	0.00133	1.42E-09
2079 Jun	0.000917	0.0413	0.00000559	1.26	2.02	0.0267	0.000201	6.35	0.00136	0.0276	0.000216	0.000117	0.0000674	0.0735	0.00000211	0.0000719	0.000392	0.00132	1.39E-09
2079 Jul	0.000917	0.0414	0.00000561	1.26	2.02	0.0268	0.000202	6.35	0.00136	0.0277	0.000216	0.000118	0.0000675	0.0736	0.00000211	0.0000719	0.000393	0.00133	1.39E-09
2079 Aug	0.000921	0.0416	0.00000563	1.27	2.03	0.0269	0.000203	6.38	0.00136	0.0279	0.000217	0.000118	0.0000678	0.0739	0.00000212	0.0000722	0.000394	0.00133	1.4E-09
2079 Sep	0.00092	0.0415	0.00000563	1.27	2.03	0.0268	0.000203	6.37	0.00136	0.0279	0.000217	0.000118	0.0000677	0.0738	0.00000212	0.0000722	0.000394	0.00133	1.39E-09
2079 Oct	0.000919	0.0415	0.00000563	1.26	2.03	0.0268	0.000203	6.36	0.00136	0.0278	0.000216	0.000118	0.0000676	0.0737	0.00000211	0.0000721	0.000393	0.00133	1.39E-09
2079 Nov	0.000919	0.0415	0.00000563	1.26	2.03	0.0268	0.000203	6.35	0.00136	0.0279	0.000216	0.000117	0.0000675	0.0737	0.00000211	0.000072	0.000393	0.00133	1.39E-09
2079 Dec	0.000918	0.0414	0.00000563	1.26	2.02	0.0267	0.000203	6.35	0.00136	0.0279	0.000216	0.000117	0.0000675	0.0737	0.00000211	0.000072	0.000392	0.00133	1.39E-09
2080 Jan	0.000918	0.0414	0.00000563	1.26	2.02	0.0267	0.000203	6.35	0.00136	0.0279	0.000216	0.000117	0.0000675	0.0737	0.00000211	0.000072	0.000392	0.00133	1.39E-09
2080 Feb	0.000918	0.0414	0.00000563	1.26	2.02	0.0267	0.000203	6.35	0.00136	0.0279	0.000216	0.000117	0.0000675	0.0737	0.00000211	0.000072	0.000392	0.00133	1.39E-09
2080 Mar	0.000918	0.0414	0.00000563	1.26	2.02	0.0267	0.000203	6.35	0.00136	0.0279	0.000216	0.000117	0.0000675	0.0737	0.00000211	0.000072	0.000392	0.00133	1.39E-09
2080 Apr	0.000919	0.0415	0.00000563	1.26	2.03	0.0268	0.000203	6.35	0.00136	0.0279	0.000216	0.000117	0.0000675	0.0737	0.00000211	0.0000721	0.000393	0.00133	1.39E-09
2080 May	0.00092	0.0415	0.00000564	1.27	2.03	0.0268	0.000204	6.37	0.00136	0.0279	0.000217	0.000118	0.0000676	0.0738	0.00000212	0.0000722	0.000393	0.00133	1.39E-09
2080 Jun	0.000917	0.0415	0.00000566	1.26	2.02	0.0267	0.000203	6.33	0.00135	0.028	0.000216	0.000118	0.0000674	0.0736	0.00000211	0.0000719	0.000394	0.00133	1.38E-09
2080 Jul	0.000917	0.0416	0.00000567	1.26	2.02	0.0268	0.000203	6.32	0.00136	0.0281	0.000216	0.000118	0.0000674	0.0736	0.00000211	0.0000719	0.000394	0.00133	1.37E-09
2080 Aug	0.000919	0.0417	0.00000569	1.27	2.03	0.0268	0.000203	6.34	0.00136	0.0282	0.000217	0.000119	0.0000676	0.0738	0.00000212	0.0000721	0.000395	0.00134	1.38E-09
2080 Sep	0.000919	0.0417	0.0000057	1.26	2.03	0.0268	0.000204	6.33	0.00136	0.0282	0.000216	0.000118	0.0000675	0.0738	0.00000212	0.0000721	0.000395	0.00134	1.37E-09
2080 Oct	0.000918	0.0416	0.0000057	1.26	2.02	0.0268	0.000204	6.33	0.00136	0.0282	0.000216	0.000118	0.0000674	0.0737	0.00000211	0.000072	0.000394	0.00134	1.37E-09
2080 Nov	0.000918	0.0416	0.0000057	1.26	2.02	0.0267	0.000204	6.32	0.00136	0.0282	0.000216	0.000118	0.0000674	0.0737	0.00000211	0.000072	0.000394	0.00133	1.37E-09
2080 Dec	0.000918	0.0416	0.0000057	1.26	2.02	0.0267	0.000204	6.32	0.00136	0.0282	0.000216	0.000118	0.0000674	0.0737	0.00000211	0.000072	0.000394	0.00133	1.37E-09
2081 Jan	0.000918	0.0416	0.0000057	1.26	2.02	0.0267	0.000204	6.32	0.00136	0.0282	0.000216	0.000118	0.0000674	0.0737	0.00000211	0.000072	0.000394	0.00133	1.37E-09
2081 Feb	0.000918	0.0416	0.0000057	1.26	2.02	0.0267	0.000204	6.32	0.00136	0.0282	0.000216	0.000118	0.0000674	0.0737	0.00000211	0.000072	0.000394	0.00133	1.37E-09
2081 Mar	0.000918	0.0416	0.0000057	1.26	2.02	0.0267	0.000204	6.32	0.00136	0.0282	0.000216	0.000118	0.0000674	0.0737	0.00000211	0.000072	0.000394	0.00133	1.37E-09
2081 Apr	0.000918	0.0416	0.0000057	1.26	2.02	0.0267	0.000204	6.33	0.00136	0.0282	0.000216	0.000118	0.0000674	0.0737	0.00000211	0.000072	0.000394	0.00133	1.37E-09
2081 May	0.00092	0.0419	0.00000572	1.27	2.03	0.027	0.000204	6.33	0.00136	0.0283	0.000218	0.000119	0.0000676	0.0741	0.00000212	0.0000721	0.000397	0.00134	1.37E-09
2081 Jun	0.000917	0.042	0.00000572	1.26	2.03	0.0272	0.000203	6.31	0.00135	0.0283	0.00022	0.000119	0.0000676	0.0742	0.00000211	0.0000718	0.000399	0.00134	1.36E-09
2081 Jul	0.000923	0.0423	0.00000576	1.27	2.05	0.0274	0.000205	6.35	0.00136	0.0285	0.000221	0.000119	0.000068	0.0747	0.00000212	0.0000723	0.000402	0.00134	1.36E-09
2081 Aug	0.000929	0.0426	0.0000058	1.28	2.06	0.0276	0.000206	6.39	0.00137	0.0287	0.000223	0.00012	0.0000684	0.0752	0.00000213	0.0000727	0.000404	0.00135	1.37E-09
2081 Sep	0.000929	0.0426	0.0000058	1.28	2.06	0.0276	0.000206	6.39	0.00137	0.0288	0.000223	0.00012	0.0000684	0.0752	0.00000213	0.0000727	0.000404	0.00135	1.37E-09
2081 Oct	0.000929	0.0426	0.00000581	1.28	2.06	0.0275	0.000206	6.39	0.00137	0.0288	0.000222	0.00012	0.0000684	0.0752	0.00000213	0.0000727	0.000404	0.00135	1.37E-09

Appendix D.3-1: WN01

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2081 Nov	0.000928	0.0425	0.0000058	1.28	2.06	0.0275	0.000206	6.38	0.00137	0.0287	0.000222	0.00012	0.0000683	0.0751	0.00000213	0.0000726	0.000403	0.00135	1.37E-09
2081 Dec	0.000928	0.0425	0.0000058	1.28	2.06	0.0275	0.000207	6.38	0.00137	0.0287	0.000222	0.00012	0.0000683	0.0751	0.00000213	0.0000726	0.000403	0.00135	1.37E-09
2082 Jan	0.000928	0.0425	0.0000058	1.28	2.06	0.0275	0.000207	6.38	0.00137	0.0287	0.000222	0.00012	0.0000683	0.0751	0.00000213	0.0000726	0.000403	0.00135	1.37E-09
2082 Feb	0.000928	0.0425	0.0000058	1.28	2.06	0.0275	0.000207	6.38	0.00137	0.0287	0.000222	0.00012	0.0000683	0.0751	0.00000213	0.0000726	0.000403	0.00135	1.37E-09
2082 Mar	0.000928	0.0425	0.0000058	1.28	2.06	0.0275	0.000207	6.38	0.00137	0.0288	0.000222	0.00012	0.0000683	0.0751	0.00000213	0.0000726	0.000403	0.00135	1.37E-09
2082 Apr	0.000928	0.0426	0.0000058	1.28	2.06	0.0275	0.000207	6.38	0.00137	0.0288	0.000222	0.00012	0.0000683	0.0751	0.00000213	0.0000727	0.000403	0.00135	1.37E-09
2082 May	0.00093	0.0426	0.00000581	1.28	2.06	0.0275	0.000207	6.39	0.00137	0.0288	0.000222	0.00012	0.0000684	0.0752	0.00000214	0.0000728	0.000404	0.00135	1.37E-09
2082 Jun	0.000922	0.0424	0.00000582	1.27	2.05	0.0274	0.000205	6.32	0.00136	0.0288	0.000221	0.00012	0.0000679	0.0747	0.00000212	0.0000722	0.000403	0.00135	1.35E-09
2082 Jul	0.00092	0.0424	0.00000583	1.27	2.04	0.0273	0.000204	6.3	0.00136	0.0289	0.000221	0.000121	0.0000677	0.0746	0.00000212	0.000072	0.000404	0.00135	1.34E-09
2082 Aug	0.000924	0.0426	0.00000586	1.27	2.05	0.0274	0.000205	6.32	0.00136	0.029	0.000221	0.000121	0.000068	0.0749	0.00000213	0.0000723	0.000405	0.00136	1.35E-09
2082 Sep	0.000925	0.0427	0.00000587	1.28	2.05	0.0275	0.000206	6.33	0.00137	0.029	0.000222	0.000121	0.0000681	0.075	0.00000213	0.0000724	0.000406	0.00136	1.35E-09
2082 Oct	0.000922	0.0425	0.00000585	1.27	2.04	0.0273	0.000206	6.31	0.00136	0.029	0.000221	0.000121	0.0000678	0.0747	0.00000212	0.0000722	0.000404	0.00136	1.34E-09
2082 Nov	0.000922	0.0425	0.00000586	1.27	2.05	0.0274	0.000206	6.31	0.00136	0.029	0.000221	0.000121	0.0000678	0.0747	0.00000212	0.0000722	0.000404	0.00136	1.34E-09
2082 Dec	0.000922	0.0425	0.00000586	1.27	2.05	0.0274	0.000206	6.31	0.00136	0.029	0.000221	0.000121	0.0000678	0.0747	0.00000212	0.0000722	0.000404	0.00136	1.34E-09
2083 Jan	0.000922	0.0425	0.00000586	1.27	2.05	0.0274	0.000206	6.31	0.00136	0.029	0.000221	0.000121	0.0000679	0.0747	0.00000212	0.0000722	0.000404	0.00136	1.34E-09
2083 Feb	0.000923	0.0426	0.00000586	1.27	2.05	0.0274	0.000206	6.31	0.00136	0.029	0.000221	0.000121	0.0000679	0.0747	0.00000212	0.0000722	0.000404	0.00136	1.34E-09
2083 Mar	0.000923	0.0426	0.00000586	1.27	2.05	0.0274	0.000206	6.31	0.00136	0.029	0.000221	0.000121	0.0000679	0.0747	0.00000212	0.0000722	0.000404	0.00136	1.34E-09
2083 Apr	0.000923	0.0426	0.00000586	1.27	2.05	0.0274	0.000206	6.31	0.00136	0.029	0.000221	0.000121	0.0000679	0.0748	0.00000212	0.0000723	0.000404	0.00136	1.34E-09
2083 May	0.000925	0.0428	0.00000588	1.28	2.05	0.0276	0.000206	6.32	0.00136	0.0291	0.000223	0.000121	0.0000681	0.0751	0.00000213	0.0000723	0.000407	0.00136	1.34E-09
2083 Jun	0.00092	0.043	0.00000588	1.27	2.05	0.0279	0.000205	6.28	0.00136	0.0292	0.000225	0.000121	0.000068	0.0752	0.00000211	0.0000718	0.00041	0.00136	1.32E-09
2083 Jul	0.000923	0.0431	0.0000059	1.28	2.06	0.028	0.000205	6.29	0.00136	0.0293	0.000226	0.000122	0.0000682	0.0754	0.00000212	0.000072	0.000411	0.00136	1.32E-09
2083 Aug	0.000925	0.0432	0.00000592	1.28	2.07	0.028	0.000206	6.3	0.00136	0.0294	0.000226	0.000122	0.0000683	0.0756	0.00000212	0.0000722	0.000412	0.00136	1.32E-09
2083 Sep	0.000924	0.0432	0.00000592	1.28	2.06	0.028	0.000206	6.3	0.00136	0.0294	0.000226	0.000122	0.0000682	0.0755	0.00000212	0.0000721	0.000411	0.00136	1.32E-09
2083 Oct	0.000921	0.0431	0.00000591	1.27	2.06	0.0279	0.000206	6.27	0.00136	0.0294	0.000225	0.000121	0.000068	0.0753	0.00000211	0.0000719	0.00041	0.00136	1.31E-09
2083 Nov	0.000921	0.0431	0.00000591	1.27	2.05	0.0278	0.000206	6.27	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.0000719	0.000409	0.00136	1.31E-09
2083 Dec	0.000921	0.0431	0.00000591	1.27	2.05	0.0278	0.000206	6.27	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.0000719	0.000409	0.00136	1.31E-09
2084 Jan	0.000921	0.0431	0.00000591	1.27	2.05	0.0278	0.000206	6.27	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.0000719	0.000409	0.00136	1.31E-09
2084 Feb	0.000921	0.0431	0.00000591	1.27	2.05	0.0278	0.000206	6.27	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.0000719	0.000409	0.00136	1.31E-09
2084 Mar	0.000921	0.0431	0.00000591	1.27	2.06	0.0278	0.000206	6.27	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.0000719	0.000409	0.00136	1.31E-09
2084 Apr	0.000922	0.0431	0.00000592	1.27	2.06	0.0279	0.000206	6.27	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.000072	0.00041	0.00136	1.31E-09
2084 May	0.000923	0.0434	0.00000594	1.28	2.07	0.0281	0.000207	6.28	0.00136	0.0295	0.000227	0.000122	0.0000682	0.0757	0.00000212	0.000072	0.000413	0.00136	1.31E-09
2084 Jun	0.000918	0.0435	0.00000593	1.27	2.06	0.0284	0.000205	6.24	0.00135	0.0295	0.000229	0.000121	0.000068	0.0757	0.0000021	0.0000715	0.000415	0.00135	1.29E-09
2084 Jul	0.000922	0.0437	0.00000596	1.28	2.07	0.0285	0.000206	6.26	0.00136	0.0296	0.00023	0.000122	0.0000683	0.076	0.00000211	0.0000718	0.000417	0.00136	1.29E-09
2084 Aug	0.000926	0.0438	0.00000599	1.28	2.08	0.0286	0.000207	6.28	0.00136	0.0298	0.000231	0.000122	0.0000686	0.0763	0.00000212	0.0000721	0.000418	0.00137	1.3E-09
2084 Sep	0.000925	0.0438	0.00000599	1.28	2.08	0.0285	0.000207	6.28	0.00136	0.0298	0.000231	0.000122	0.0000685	0.0763	0.00000212	0.0000721	0.000418	0.00137	1.3E-09
2084 Oct	0.000924	0.0437	0.00000598	1.28	2.08	0.0285	0.000207	6.27	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0762	0.00000211	0.000072	0.000417	0.00136	1.29E-09
2084 Nov	0.000923	0.0437	0.00000598	1.28	2.07	0.0285	0.000207	6.26	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0761	0.00000211	0.0000719	0.000416	0.00136	1.29E-09
2084 Dec	0.000923	0.0437	0.00000598	1.28	2.07	0.0285	0.000207	6.26	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0761	0.00000211	0.0000719	0.000416	0.00136	1.29E-09
2085 Jan	0.000923	0.0437	0.00000598	1.28	2.07	0.0285	0.000207	6.26	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0761	0.00000211	0.0000719	0.000416	0.00136	1.29E-09
2085 Feb	0.000923	0.0437	0.00000598	1.28	2.07	0.0285	0.000207	6.26	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0761	0.00000211	0.0000719	0.000416	0.00136	1.29E-09
2085 Mar	0.000923	0.0437	0.00000598	1.28	2.07	0.0285	0.000207	6.26	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0761	0.00000211	0.0000719	0.000416	0.00136	1.29E-09
2085 Apr	0.000924	0.0437	0.00000598	1.28	2.08	0.0285	0.000207	6.27	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0762	0.00000211	0.000072	0.000417	0.00136	1.29E-09
2085 May	0.000925	0.0439	0.000006	1.28	2.08	0.0287	0.000208	6.27	0.00136	0.0299	0.000232	0.000122	0.0000685	0.0764	0.00000211	0.000072	0.000419	0.00136	1.29E-09
2085 Jun	0.000925	0.0441	0.00000601	1.28	2.09	0.0289	0.000207	6.26	0.00136	0.0299	0.000234	0.000123	0.0000686	0.0767	0.00000211	0.0000719	0.000421	0.00136	1.28E-09
2085 Jul	0.000929	0.0443	0.00000604	1.29	2.1	0.029	0.000208	6.29	0.00137	0.0301	0.000235	0.000123	0.0000689	0.077	0.00000212	0.0000723	0.000423	0.00137	1.29E-09
2085 Aug	0.00093	0.0444	0.00000605	1.29	2.1	0.0291	0.000209	6.3	0.00137	0.0301	0.000235	0.000123	0.000069	0.0771	0.00000212	0.0000723	0.000424	0.00137	1.29E-09
2085 Sep	0.000929	0.0443	0.00000605	1.29	2.1	0.029	0.000209	6.29	0.00136	0.0301	0.000235	0.000123	0.0000689	0.077	0.00000212	0.0000722	0.000422	0.00137	1.28E-09
2085 Oct	0.000927	0.0442	0.00000604	1.28	2.09	0.0289	0.000209	6.27	0.00136	0.0301	0.000234	0.000123	0.0000687	0.0768	0.00000212	0.0000721	0.000421	0.00137	1.28E-09
2085 Nov	0.000926	0.0442	0.00000604	1.28	2.09	0.0289	0.000209	6.26	0.00136	0.0301	0.000234	0.000122	0.0000686	0.0768	0.00000211	0.000072	0.000421	0.00137	1.28E-09
2085 Dec	0.000926	0.0442	0.00000604	1.28	2.09	0.0289	0.000209	6.26	0.00136	0.0301	0.000234	0.000122	0.0000686	0.0768	0.00000211	0.000072	0.000421	0.00137	1.28E-09
2086 Jan	0.000926	0.0442	0.00000604	1.28	2.09	0.0289	0.000209	6.26	0.00136	0.0301	0.000234	0.000122	0.0000686	0.0768	0.00000211	0.000072	0.000421	0.00137	1.28E-09
2086 Feb	0.000926	0.0442	0.00000604	1.28	2.09	0.0289	0.000209	6.26	0.00136	0.0301	0.000234	0.000122	0.0000686	0.0768	0.00000211	0.000072	0.000421	0.00137	1.28E-09
2086 Mar	0.000926	0.0442	0.00000604	1.28	2.09	0.0289	0.000209	6.26	0.00136	0.0301	0.000234	0.000122	0.0000686	0.0768	0.00000211	0.000072	0.000421	0.00137	1.28E-09
2086 Apr	0.000927	0.0442	0.00000604	1.28	2.09	0.0289	0.000209	6.27	0.00136	0.0301	0.000234	0.000122	0.0000687	0.0768	0.00000212	0.0000721	0.000421	0.00137	1.28E-09
2086 May	0.000928	0.0444	0.00000605	1.29	2.1	0.029	0.000209	6.28	0.00136	0.0302	0.000235	0.000123	0.0000688	0.077	0.00000212	0.0000722	0.000423	0.00137	1.28E-09
2086 Jun	0.000924	0.0445	0.00000606	1.28	2.09	0.0292	0.000208	6.23	0.00136	0.0302	0.000237	0.000123	0.0000686	0.077	0.00000211	0.0000717	0.000425	0.00137	1.26E-09
2086 Jul	0.000927	0.0447	0.00000609	1.29	2.1	0.0293	0.000209	6.25	0.00136	0.0304	0.000238	0.000124	0.0000689	0.0773	0.00000211	0.000072	0.000427	0.00137	1.26E-09
2086 Aug	0.00093	0.0448	0.00000611	1.29	2.11	0.0294	0.000209	6.27	0.00136	0.0305	0.000238	0.000124	0.0000691	0.0776	0.00000212	0.0000722	0.000428	0.00138	1.26E-09
2086 Sep	0.000929	0.0448	0.00000611	1.29	2.11	0.0294	0.00021	6.26	0.00136	0.0305	0.000238	0.000124	0.000069	0.0775	0.00000212	0.0000721	0.000427	0.00138	1.26E-09
2086 Oct	0.000929	0.0448	0.00000611	1.29	2.1	0.0293	0.00021	6.26	0.00136	0.0305	0.000238	0.000124	0.000069	0.0775	0.00000212	0.0000721	0.000427	0.00137	1.26E-09
2086 Nov	0.000929	0.0448	0.00000612	1.29	2.11	0.0293	0.00021	6.26	0.00136	0.0305	0.000238	0.000124	0.000069	0.0775	0.00000212	0.0000721	0.000427	0.00138	1.26E-09
2086 Dec	0.000929	0.0448	0.00000612	1.29	2.11	0.0293	0.00021	6.26	0.00136	0.0305	0.000238	0.000124	0.000069	0.0775	0.00000212	0.0000721	0.000427	0.00138	1.26E-09
2087 Jan	0.000929	0.0448	0.00000612	1.29	2.11	0.0293	0.00021	6.26	0.00136	0.0305	0.000238	0.000124	0.000069	0.0775	0.00000212	0.0000721	0.000427	0.00138	1.26E-09
2087 Feb	0.000929	0.0448	0.00000612	1.29	2.11	0.0293	0.00021	6.26	0.00136	0.0305	0.000238	0.000124	0.000069	0.0775	0.00000212	0.0000721	0.000427	0.00138	1.26E-09
2087 Mar	0.000929	0.0448	0.00000612	1.29	2.11	0.0293	0.00021	6.26	0.00136	0.0305	0.000238	0.000124	0.000069	0.0775	0.00000212	0.0000721	0.000427	0.00138	1.26E-09
2087 Apr	0.000929	0.0448	0.00000612	1.29	2.11	0.0294	0.00021	6.26	0.00136	0.0305	0.000238	0.000124	0.000069	0.0775	0.00000212	0.0000722	0.000427	0.00138	1.26E-09
2087 May	0.00093	0.0449	0.00000613	1.29	2.11	0.0295	0.00021	6.27	0.00136	0.0306	0.000239	0.000124	0.0000691	0.0777	0.00000212	0.0000722	0.000429	0.00138	1.26E-09
2087 Jun	0.000928	0.0451	0.00000613	1.29	2.11	0.0297	0.000209	6.24	0.00136	0.0306	0.000241	0.000124	0.0000691	0.0779	0.00000211	0.0000719	0.000432	0.00138	1.25E-09
2087 Jul	0.000931	0.0453	0.00000616	1.29	2.12	0.0298	0.00021	6.26	0.00137	0.0308	0.000242	0.000124	0.0000694	0.0782	0.00000212	0.0000722	0.000433	0.00138	1.25E-09
2087 Aug	0.000936	0.0455	0.00000619	1.3	2.13	0.03	0.000211	6.29	0.00137	0.0309	0.000243	0.000125	0.0000697	0.0785	0.00000213	0.0000725	0.000435	0.00139	1.25E-09
2087 Sep	0.000938	0.0456	0.00000621	1.3	2.14	0.03	0.000212	6.3	0.00138	0.031	0.000243	0.000125	0.0000698	0.0787	0.00000213	0.0000727	0.000436	0.00139	1.26E-09
2087 Oct	0.000937	0.0456	0.0000062	1.3	2.13	0.03	0.000212	6.3	0.00137	0.031	0.000243	0.000125	0.0000697	0.0786	0.00000213	0.0000726	0.000435	0.00139	1.25E-09
2087 Nov	0.000937	0.0455	0.0000062	1.3	2.13	0.03	0.000212	6.3	0.00137	0.031	0.000243	0.000125	0.0000697	0.0786	0.00000213	0.0000726	0.000435	0.00139	1.25E-09
2087 Dec	0.000937	0.0456	0.0000062	1.3	2.13	0.03	0.000212	6.3	0.00137	0.031	0.000243	0.000125	0.0000697	0.0786	0.00000213	0.0000726	0.000435	0.00139	1.25E-09
2088 Jan	0.000937	0.0456	0.0000062	1.3	2.13	0.03	0.000212	6.3	0.00137	0.031	0.000243	0.000125	0.0000697	0.0786	0.00000213	0.0000726	0.000435	0.00139	1.25E-09
2088 Feb	0.000937	0.0456	0.0000062	1.3	2.13	0.03	0.000212	6.3	0.00137	0.031	0.000243	0.000125	0.0000697	0.0786	0.00000213	0.0000726	0.000435	0.00139	1.25E-09
2088 Mar	0.000937	0.0456	0.0000062	1.3	2.13	0.03	0.000212	6.3	0.00137	0.031	0.000243	0.000125	0.0000697	0.0786	0.00000213	0.0000726	0.000435	0.00139	1.25E-09

Appendix D.3-1: WN01

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Apr	0.000938	0.0456	0.00000621	1.3	2.14	0.03	0.000212	6.3	0.00138	0.031	0.000243	0.000125	0.0000698	0.0787	0.00000213	0.0000727	0.000436	0.00139	1.26E-09
2088 May	0.00094	0.0457	0.00000623	1.31	2.14	0.0301	0.000212	6.32	0.00138	0.0311	0.000244	0.000125	0.00007	0.0789	0.00000214	0.0000729	0.000437	0.00139	1.26E-09
2088 Jun	0.000937	0.0457	0.00000623	1.3	2.13	0.03	0.000211	6.29	0.00137	0.0311	0.000243	0.000126	0.0000697	0.0787	0.00000213	0.0000726	0.000437	0.00139	1.25E-09
2088 Jul	0.000941	0.0459	0.00000627	1.31	2.14	0.0302	0.000212	6.31	0.00138	0.0313	0.000244	0.000126	0.00007	0.079	0.00000214	0.0000729	0.000439	0.0014	1.25E-09
2088 Aug	0.000947	0.0462	0.00000631	1.32	2.16	0.0304	0.000214	6.36	0.00139	0.0315	0.000246	0.000127	0.0000705	0.0796	0.00000216	0.0000734	0.000442	0.00141	1.26E-09
2088 Sep	0.000949	0.0463	0.00000633	1.32	2.16	0.0304	0.000214	6.37	0.00139	0.0316	0.000246	0.000128	0.0000706	0.0797	0.00000216	0.0000735	0.000443	0.00141	1.26E-09
2088 Oct	0.000946	0.0461	0.00000631	1.31	2.15	0.0303	0.000214	6.34	0.00139	0.0315	0.000245	0.000127	0.0000703	0.0794	0.00000215	0.0000733	0.000441	0.00141	1.26E-09
2088 Nov	0.000945	0.0461	0.00000631	1.31	2.15	0.0302	0.000214	6.34	0.00139	0.0315	0.000245	0.000127	0.0000703	0.0794	0.00000215	0.0000733	0.00044	0.00141	1.25E-09
2088 Dec	0.000945	0.0461	0.00000631	1.31	2.15	0.0302	0.000214	6.34	0.00139	0.0315	0.000245	0.000127	0.0000703	0.0794	0.00000215	0.0000733	0.00044	0.00141	1.25E-09
2089 Jan	0.000945	0.0461	0.00000631	1.31	2.15	0.0302	0.000214	6.34	0.00139	0.0315	0.000245	0.000127	0.0000703	0.0794	0.00000215	0.0000733	0.00044	0.00141	1.25E-09
2089 Feb	0.000945	0.0461	0.00000631	1.31	2.15	0.0302	0.000214	6.34	0.00139	0.0315	0.000245	0.000127	0.0000703	0.0794	0.00000215	0.0000733	0.00044	0.00141	1.25E-09
2089 Mar	0.000945	0.0461	0.00000631	1.31	2.15	0.0303	0.000214	6.34	0.00139	0.0315	0.000245	0.000127	0.0000703	0.0794	0.00000215	0.0000733	0.00044	0.00141	1.25E-09
2089 Apr	0.000946	0.0461	0.00000631	1.31	2.15	0.0303	0.000214	6.34	0.00139	0.0315	0.000245	0.000127	0.0000704	0.0794	0.00000215	0.0000733	0.000441	0.00141	1.26E-09
2089 May	0.000948	0.0463	0.00000633	1.32	2.16	0.0304	0.000215	6.35	0.00139	0.0316	0.000247	0.000127	0.0000705	0.0797	0.00000216	0.0000734	0.000443	0.00141	1.25E-09
2089 Jun	0.000947	0.0466	0.00000634	1.32	2.17	0.0308	0.000214	6.34	0.00139	0.0317	0.000249	0.000128	0.0000707	0.08	0.00000215	0.0000733	0.000446	0.00141	1.24E-09
2089 Jul	0.000951	0.0468	0.00000637	1.32	2.18	0.0309	0.000215	6.37	0.00139	0.0319	0.00025	0.000128	0.000071	0.0803	0.00000216	0.0000736	0.000448	0.00142	1.25E-09
2089 Aug	0.000955	0.047	0.0000064	1.33	2.19	0.031	0.000216	6.39	0.0014	0.032	0.000251	0.000129	0.0000712	0.0807	0.00000217	0.0000739	0.00045	0.00142	1.25E-09
2089 Sep	0.000956	0.047	0.00000641	1.33	2.19	0.031	0.000216	6.4	0.0014	0.0321	0.000251	0.000129	0.0000713	0.0807	0.00000217	0.000074	0.00045	0.00142	1.25E-09
2089 Oct	0.000953	0.0468	0.00000639	1.33	2.18	0.0308	0.000216	6.37	0.00139	0.032	0.00025	0.000128	0.000071	0.0804	0.00000216	0.0000737	0.000448	0.00142	1.25E-09
2089 Nov	0.000953	0.0468	0.00000639	1.33	2.18	0.0308	0.000216	6.37	0.00139	0.032	0.00025	0.000128	0.000071	0.0804	0.00000216	0.0000737	0.000448	0.00142	1.25E-09
2089 Dec	0.000953	0.0468	0.00000639	1.33	2.18	0.0308	0.000216	6.37	0.00139	0.032	0.00025	0.000128	0.000071	0.0804	0.00000216	0.0000737	0.000448	0.00142	1.25E-09
2090 Jan	0.000953	0.0468	0.0000064	1.33	2.18	0.0308	0.000216	6.37	0.00139	0.032	0.00025	0.000128	0.000071	0.0804	0.00000216	0.0000737	0.000448	0.00142	1.25E-09
2090 Feb	0.000953	0.0468	0.0000064	1.33	2.18	0.0308	0.000216	6.37	0.00139	0.032	0.00025	0.000128	0.000071	0.0804	0.00000216	0.0000737	0.000448	0.00142	1.25E-09
2090 Mar	0.000953	0.0468	0.0000064	1.33	2.18	0.0308	0.000217	6.37	0.00139	0.032	0.00025	0.000128	0.000071	0.0804	0.00000216	0.0000737	0.000448	0.00142	1.25E-09
2090 Apr	0.000953	0.0469	0.0000064	1.33	2.18	0.0309	0.000217	6.37	0.0014	0.032	0.00025	0.000128	0.000071	0.0805	0.00000217	0.0000738	0.000448	0.00142	1.25E-09
2090 May	0.000955	0.047	0.00000641	1.33	2.18	0.0309	0.000217	6.38	0.0014	0.0321	0.000251	0.000128	0.0000711	0.0806	0.00000217	0.0000739	0.000449	0.00142	1.25E-09
2090 Jun	0.00095	0.0471	0.00000641	1.32	2.18	0.0312	0.000215	6.34	0.00139	0.0321	0.000253	0.000128	0.000071	0.0807	0.00000215	0.0000734	0.000452	0.00142	1.23E-09
2090 Jul	0.000953	0.0473	0.00000644	1.33	2.19	0.0313	0.000216	6.36	0.0014	0.0323	0.000254	0.000129	0.0000712	0.081	0.00000216	0.0000736	0.000454	0.00142	1.23E-09
2090 Aug	0.000952	0.0472	0.00000644	1.33	2.19	0.0312	0.000216	6.34	0.00139	0.0323	0.000253	0.000129	0.0000711	0.0808	0.00000216	0.0000735	0.000452	0.00142	1.23E-09
2090 Sep	0.00095	0.0472	0.00000644	1.32	2.18	0.0312	0.000216	6.33	0.00139	0.0323	0.000253	0.000128	0.0000709	0.0807	0.00000216	0.0000734	0.000451	0.00142	1.22E-09
2090 Oct	0.000947	0.0471	0.00000643	1.32	2.18	0.0311	0.000216	6.3	0.00138	0.0322	0.000252	0.000128	0.0000707	0.0805	0.00000215	0.0000732	0.00045	0.00141	1.21E-09
2090 Nov	0.000946	0.047	0.00000643	1.32	2.17	0.031	0.000216	6.29	0.00138	0.0322	0.000251	0.000128	0.0000705	0.0804	0.00000214	0.0000731	0.000449	0.00141	1.21E-09
2090 Dec	0.000946	0.047	0.00000643	1.32	2.17	0.031	0.000216	6.29	0.00138	0.0322	0.000251	0.000128	0.0000705	0.0804	0.00000214	0.0000731	0.000449	0.00141	1.21E-09
2091 Jan	0.000946	0.047	0.00000643	1.32	2.17	0.031	0.000216	6.29	0.00138	0.0322	0.000251	0.000128	0.0000705	0.0804	0.00000214	0.0000731	0.000449	0.00141	1.21E-09
2091 Feb	0.000946	0.047	0.00000643	1.32	2.17	0.031	0.000216	6.29	0.00138	0.0322	0.000251	0.000128	0.0000705	0.0804	0.00000214	0.0000731	0.000449	0.00141	1.21E-09
2091 Mar	0.000946	0.047	0.00000643	1.32	2.17	0.031	0.000216	6.29	0.00138	0.0322	0.000251	0.000128	0.0000706	0.0804	0.00000214	0.0000731	0.000449	0.00141	1.21E-09
2091 Apr	0.000947	0.0471	0.00000643	1.32	2.17	0.031	0.000217	6.3	0.00138	0.0322	0.000252	0.000128	0.0000706	0.0805	0.00000215	0.0000731	0.000449	0.00141	1.21E-09
2091 May	0.000949	0.0472	0.00000645	1.32	2.18	0.0312	0.000217	6.31	0.00139	0.0323	0.000253	0.000128	0.0000708	0.0807	0.00000215	0.0000733	0.000451	0.00142	1.21E-09
2091 Jun	0.000946	0.0474	0.00000645	1.32	2.19	0.0315	0.000216	6.28	0.00138	0.0324	0.000256	0.000128	0.0000708	0.081	0.00000214	0.000073	0.000455	0.00141	1.2E-09
2091 Jul	0.000952	0.0478	0.0000065	1.33	2.2	0.0317	0.000217	6.32	0.00139	0.0326	0.000257	0.000129	0.0000713	0.0815	0.00000215	0.0000734	0.000458	0.00142	1.2E-09
2091 Aug	0.000953	0.0478	0.00000651	1.33	2.2	0.0317	0.000218	6.32	0.00139	0.0326	0.000257	0.000129	0.0000713	0.0815	0.00000216	0.0000734	0.000457	0.00142	1.2E-09
2091 Sep	0.000952	0.0477	0.00000651	1.33	2.2	0.0317	0.000218	6.32	0.00139	0.0327	0.000257	0.000129	0.0000713	0.0815	0.00000216	0.0000734	0.000457	0.00142	1.2E-09
2091 Oct	0.00095	0.0476	0.0000065	1.33	2.19	0.0316	0.000218	6.3	0.00139	0.0326	0.000256	0.000128	0.0000711	0.0813	0.00000215	0.0000733	0.000455	0.00142	1.2E-09
2091 Nov	0.000948	0.0476	0.00000649	1.32	2.19	0.0315	0.000218	6.29	0.00138	0.0326	0.000255	0.000128	0.0000709	0.0811	0.00000215	0.0000731	0.000454	0.00142	1.19E-09
2091 Dec	0.000948	0.0476	0.0000065	1.32	2.19	0.0315	0.000218	6.29	0.00138	0.0326	0.000255	0.000128	0.0000709	0.0811	0.00000215	0.0000731	0.000454	0.00142	1.19E-09
2092 Jan	0.000949	0.0476	0.0000065	1.32	2.19	0.0315	0.000218	6.29	0.00138	0.0326	0.000255	0.000128	0.0000709	0.0811	0.00000215	0.0000731	0.000454	0.00142	1.19E-09
2092 Feb	0.000949	0.0476	0.0000065	1.32	2.19	0.0315	0.000218	6.29	0.00138	0.0326	0.000255	0.000128	0.0000709	0.0811	0.00000215	0.0000731	0.000455	0.00142	1.19E-09
2092 Mar	0.000949	0.0476	0.0000065	1.32	2.19	0.0315	0.000218	6.29	0.00138	0.0326	0.000255	0.000128	0.0000709	0.0812	0.00000215	0.0000732	0.000455	0.00142	1.19E-09
2092 Apr	0.000949	0.0476	0.0000065	1.32	2.19	0.0315	0.000218	6.29	0.00139	0.0326	0.000256	0.000128	0.000071	0.0812	0.00000215	0.0000732	0.000455	0.00142	1.19E-09
2092 May	0.000951	0.0478	0.00000652	1.33	2.2	0.0317	0.000219	6.3	0.00139	0.0327	0.000257	0.000129	0.0000711	0.0815	0.00000215	0.0000733	0.000457	0.00142	1.19E-09
2092 Jun	0.000943	0.0478	0.00000649	1.32	2.19	0.0319	0.000216	6.24	0.00138	0.0326	0.000259	0.000128	0.0000708	0.0814	0.00000213	0.0000725	0.000459	0.00141	1.17E-09
2092 Jul	0.000944	0.0479	0.00000651	1.32	2.19	0.032	0.000216	6.24	0.00138	0.0327	0.00026	0.000129	0.0000708	0.0814	0.00000213	0.0000726	0.000459	0.00141	1.16E-09
2092 Aug	0.000948	0.0481	0.00000654	1.33	2.2	0.0321	0.000218	6.27	0.00138	0.0329	0.000261	0.000129	0.0000712	0.0818	0.00000214	0.0000729	0.000462	0.00142	1.17E-09
2092 Sep	0.000949	0.0482	0.00000655	1.33	2.2	0.0321	0.000218	6.27	0.00138	0.0329	0.000261	0.000129	0.0000712	0.0819	0.00000214	0.000073	0.000462	0.00142	1.17E-09
2092 Oct	0.000948	0.0481	0.00000655	1.33	2.2	0.0321	0.000218	6.26	0.00138	0.0329	0.00026	0.000129	0.0000711	0.0818	0.00000214	0.0000729	0.000461	0.00142	1.17E-09
2092 Nov	0.000948	0.0481	0.00000655	1.33	2.2	0.0321	0.000218	6.26	0.00138	0.0329	0.00026	0.000129	0.0000711	0.0818	0.00000214	0.0000729	0.000461	0.00142	1.17E-09
2092 Dec	0.000948	0.0481	0.00000655	1.33	2.2	0.0321	0.000218	6.26	0.00138	0.0329	0.00026	0.000129	0.0000711	0.0818	0.00000214	0.0000729	0.000461	0.00142	1.17E-09
2093 Jan	0.000948	0.0481	0.00000655	1.33	2.2	0.0321	0.000218	6.26	0.00138	0.0329	0.00026	0.000129	0.0000711	0.0818	0.00000214	0.0000729	0.000461	0.00142	1.17E-09
2093 Feb	0.000948	0.0481	0.00000655	1.33	2.2	0.0321	0.000218	6.26	0.00138	0.0329	0.00026	0.000129	0.0000711	0.0818	0.00000214	0.0000729	0.000461	0.00142	1.17E-09
2093 Mar	0.000949	0.0481	0.00000655	1.33	2.2	0.0321	0.000218	6.27	0.00138	0.0329	0.00026	0.000129	0.0000712	0.0818	0.00000214	0.000073	0.000461	0.00142	1.17E-09
2093 Apr	0.000949	0.0482	0.00000655	1.33	2.21	0.0321	0.000218	6.27	0.00138	0.0329	0.000261	0.000129	0.0000712	0.0819	0.00000214	0.000073	0.000462	0.00142	1.17E-09
2093 May	0.000951	0.0483	0.00000657	1.33	2.21	0.0322	0.000219	6.28	0.00139	0.033	0.000262	0.000129	0.0000714	0.0821	0.00000215	0.0000731	0.000463	0.00143	1.17E-09
2093 Jun	0.000947	0.0484	0.00000656	1.33	2.21	0.0325	0.000217	6.25	0.00138	0.033	0.000264	0.000129	0.0000713	0.0822	0.00000213	0.0000728	0.000465	0.00142	1.16E-09
2093 Jul	0.000952	0.0487	0.0000066	1.33	2.22	0.0326	0.000218	6.28	0.00139	0.0332	0.000265	0.00013	0.0000716	0.0826	0.00000214	0.0000731	0.000468	0.00143	1.16E-09
2093 Aug	0.000956	0.0489	0.00000663	1.34	2.23	0.0327	0.000219	6.3	0.00139	0.0333	0.000266	0.000131	0.0000719	0.0829	0.00000215	0.0000734	0.000469	0.00143	1.16E-09
2093 Sep	0.000956	0.0489	0.00000663	1.34	2.23	0.0327	0.00022	6.3	0.00139	0.0334	0.000266	0.000131	0.0000719	0.0829	0.00000215	0.0000734	0.000469	0.00144	1.16E-09
2093 Oct	0.000952	0.0487	0.00000661	1.33	2.22	0.0325	0.000219	6.27	0.00139	0.0333	0.000264	0.00013	0.0000715	0.0825	0.00000214	0.0000731	0.000467	0.00143	1.16E-09
2093 Nov	0.000951	0.0486	0.00000661	1.33	2.22	0.0325	0.00022	6.26	0.00138	0.0333	0.000264	0.00013	0.0000714	0.0825	0.00000214	0.0000731	0.000466	0.00143	1.15E-09
2093 Dec	0.000951	0.0486	0.00000661	1.33	2.22	0.0325	0.00022	6.26	0.00139	0.0333	0.000264	0.00013	0.0000714	0.0825	0.00000214	0.0000731	0.000466	0.00143	1.15E-09
2094 Jan	0.000951	0.0486	0.00000661	1.33	2.22	0.0325	0.00022	6.26	0.00139	0.0333	0.000264	0.00013	0.0000714	0.0825	0.00000214	0.0000731	0.000466	0.00143	1.15E-09
2094 Feb	0.000951	0.0486	0.00000661	1.33	2.22	0.0325	0.00022	6.26	0.00139	0.0333	0.000264	0.00013	0.0000714	0.0825	0.00000214	0.0000731	0.000466	0.00143	1.15E-09
2094 Mar	0.000951	0.0486	0.00000661	1.33	2.22	0.0325	0.00022	6.27	0.00139	0.0333	0.000264	0.00013	0.0000715	0.0825	0.00000214	0.0000731	0.000466	0.00143	1.15E-09
2094 Apr	0.000952	0.0487	0.00000661	1.33	2.22	0.0325	0.00022	6.27	0.00139	0.0333	0.000264	0.00013	0.0000715	0.0825	0.00000214	0.0000731	0.000466	0.00143	1.15E-09
2094 May	0.000952	0.0488	0.00000662	1.33	2.22	0.0327	0.00022	6.27	0.00139	0.0333	0.000265	0.00013	0.0000716	0.0827	0.00000214	0.0000731	0.000468	0.00143	1.15E-09
2094 Jun	0.000953	0.0491	0.00000664	1.34	2.23	0.033	0.00022	6.27	0.00139	0.0335	0.000268	0.00013	0.0000718	0.0831	0.00000214	0.0000731	0.000472	0.00143	1.14E-09
2094 Jul	0.00096	0.0494	0.00000669	1.35	2.25	0.0332	0.000221	6.31	0.0014	0.0337	0.00027	0.000131	0.0000723	0.0837	0.00000216	0.0000736	0.000475	0.00144	1.15E-09
2094 Aug	0.000967	0.0498	0.00000674	1.36	2.27	0.0335	0.000223	6.36	0.00141	0.034	0.000272	0.000132	0.0000728	0.0843	0.00000217	0.0000741	0.000478	0.00145	1.16E-09

Appendix D.3-1: WN01

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2094 Sep	0.000967	0.0498	0.00000674	1.36	2.27	0.0334	0.000223	6.36	0.00141	0.034	0.000272	0.000132	0.0000728	0.0843	0.00000217	0.0000742	0.000478	0.00145	1.16E-09
2094 Oct	0.000964	0.0497	0.00000673	1.35	2.26	0.0333	0.000223	6.34	0.0014	0.0339	0.000271	0.000132	0.0000726	0.084	0.00000217	0.000074	0.000476	0.00145	1.15E-09
2094 Nov	0.000961	0.0495	0.00000671	1.35	2.25	0.0332	0.000223	6.31	0.0014	0.0339	0.00027	0.000131	0.0000723	0.0838	0.00000216	0.0000738	0.000475	0.00144	1.15E-09
2094 Dec	0.000961	0.0495	0.00000671	1.35	2.25	0.0332	0.000223	6.31	0.0014	0.0339	0.000269	0.000131	0.0000723	0.0837	0.00000216	0.0000737	0.000474	0.00144	1.15E-09
2095 Jan	0.000961	0.0495	0.00000671	1.35	2.25	0.0332	0.000223	6.31	0.0014	0.0339	0.000269	0.000131	0.0000723	0.0838	0.00000216	0.0000737	0.000474	0.00144	1.15E-09
2095 Feb	0.000961	0.0495	0.00000671	1.35	2.25	0.0332	0.000223	6.31	0.0014	0.0339	0.000269	0.000131	0.0000723	0.0838	0.00000216	0.0000737	0.000474	0.00144	1.15E-09
2095 Mar	0.000961	0.0495	0.00000671	1.35	2.25	0.0332	0.000223	6.31	0.0014	0.0339	0.000269	0.000131	0.0000723	0.0838	0.00000216	0.0000738	0.000475	0.00144	1.15E-09
2095 Apr	0.000962	0.0495	0.00000672	1.35	2.25	0.0332	0.000223	6.32	0.0014	0.0339	0.00027	0.000131	0.0000723	0.0838	0.00000216	0.0000738	0.000475	0.00144	1.15E-09
2095 May	0.000963	0.0497	0.00000672	1.35	2.26	0.0333	0.000223	6.32	0.0014	0.0339	0.000271	0.000131	0.0000725	0.084	0.00000216	0.0000738	0.000476	0.00144	1.15E-09
2095 Jun	0.000965	0.0499	0.00000675	1.35	2.27	0.0336	0.000223	6.33	0.0014	0.0341	0.000273	0.000132	0.0000727	0.0844	0.00000216	0.0000739	0.00048	0.00145	1.15E-09
2095 Jul	0.000972	0.0503	0.0000068	1.36	2.28	0.0338	0.000225	6.37	0.00141	0.0343	0.000275	0.000133	0.0000732	0.085	0.00000218	0.0000744	0.000483	0.00146	1.15E-09
2095 Aug	0.000972	0.0503	0.0000068	1.36	2.28	0.0338	0.000225	6.37	0.00141	0.0343	0.000275	0.000133	0.0000732	0.085	0.00000218	0.0000744	0.000483	0.00146	1.15E-09
2095 Sep	0.000972	0.0503	0.00000681	1.36	2.28	0.0338	0.000225	6.38	0.00141	0.0344	0.000275	0.000133	0.0000732	0.085	0.00000218	0.0000745	0.000482	0.00146	1.15E-09
2095 Oct	0.000972	0.0503	0.00000681	1.36	2.28	0.0338	0.000226	6.37	0.00141	0.0344	0.000275	0.000133	0.0000732	0.085	0.00000218	0.0000745	0.000482	0.00146	1.15E-09
2095 Nov	0.000971	0.0503	0.00000681	1.36	2.28	0.0338	0.000226	6.37	0.00141	0.0344	0.000274	0.000132	0.0000731	0.0849	0.00000218	0.0000744	0.000482	0.00146	1.15E-09
2095 Dec	0.000971	0.0503	0.00000681	1.36	2.28	0.0337	0.000226	6.37	0.00141	0.0344	0.000274	0.000132	0.0000731	0.0849	0.00000218	0.0000744	0.000482	0.00146	1.15E-09
2096 Jan	0.000971	0.0503	0.00000681	1.36	2.28	0.0337	0.000226	6.37	0.00141	0.0344	0.000274	0.000132	0.0000731	0.0849	0.00000218	0.0000744	0.000482	0.00146	1.15E-09
2096 Feb	0.000971	0.0503	0.00000681	1.36	2.28	0.0337	0.000226	6.37	0.00141	0.0344	0.000274	0.000132	0.0000731	0.0849	0.00000218	0.0000744	0.000482	0.00146	1.15E-09
2096 Mar	0.000971	0.0503	0.00000681	1.36	2.28	0.0338	0.000226	6.37	0.00141	0.0344	0.000274	0.000132	0.0000731	0.0849	0.00000218	0.0000744	0.000482	0.00146	1.15E-09
2096 Apr	0.000972	0.0503	0.00000681	1.36	2.28	0.0338	0.000226	6.37	0.00141	0.0344	0.000275	0.000132	0.0000732	0.085	0.00000218	0.0000745	0.000482	0.00146	1.15E-09
2096 May	0.000973	0.0504	0.00000682	1.36	2.29	0.0339	0.000226	6.38	0.00141	0.0344	0.000275	0.000133	0.0000733	0.0852	0.00000218	0.0000745	0.000483	0.00146	1.15E-09
2096 Jun	0.000966	0.0503	0.0000068	1.36	2.28	0.0339	0.000224	6.32	0.0014	0.0344	0.000276	0.000133	0.0000729	0.0849	0.00000216	0.0000739	0.000484	0.00145	1.13E-09
2096 Jul	0.000969	0.0506	0.00000684	1.36	2.28	0.0341	0.000225	6.34	0.00141	0.0345	0.000277	0.000133	0.0000731	0.0852	0.00000217	0.0000741	0.000486	0.00146	1.13E-09
2096 Aug	0.000975	0.0508	0.00000688	1.37	2.3	0.0343	0.000226	6.37	0.00142	0.0347	0.000279	0.000134	0.0000736	0.0857	0.00000218	0.0000746	0.000489	0.00147	1.14E-09
2096 Sep	0.000974	0.0508	0.00000688	1.37	2.3	0.0342	0.000226	6.37	0.00141	0.0347	0.000278	0.000134	0.0000735	0.0856	0.00000218	0.0000745	0.000488	0.00147	1.13E-09
2096 Oct	0.00097	0.0506	0.00000686	1.36	2.29	0.034	0.000226	6.34	0.00141	0.0347	0.000277	0.000133	0.0000731	0.0852	0.00000217	0.0000743	0.000485	0.00146	1.13E-09
2096 Nov	0.00097	0.0506	0.00000686	1.36	2.29	0.034	0.000226	6.33	0.00141	0.0347	0.000276	0.000133	0.0000731	0.0852	0.00000217	0.0000743	0.000485	0.00146	1.13E-09
2096 Dec	0.00097	0.0506	0.00000686	1.36	2.29	0.034	0.000226	6.34	0.00141	0.0347	0.000276	0.000133	0.0000731	0.0852	0.00000217	0.0000743	0.000485	0.00146	1.13E-09
2097 Jan	0.00097	0.0506	0.00000686	1.36	2.29	0.034	0.000226	6.34	0.00141	0.0347	0.000276	0.000133	0.0000731	0.0852	0.00000217	0.0000743	0.000485	0.00146	1.13E-09
2097 Feb	0.00097	0.0506	0.00000686	1.36	2.29	0.034	0.000226	6.34	0.00141	0.0347	0.000276	0.000133	0.0000731	0.0852	0.00000217	0.0000743	0.000485	0.00146	1.13E-09
2097 Mar	0.00097	0.0506	0.00000686	1.36	2.29	0.034	0.000227	6.34	0.00141	0.0347	0.000276	0.000133	0.0000731	0.0852	0.00000217	0.0000743	0.000485	0.00146	1.13E-09
2097 Apr	0.000971	0.0506	0.00000687	1.36	2.29	0.034	0.000227	6.34	0.00141	0.0347	0.000277	0.000133	0.0000732	0.0853	0.00000217	0.0000743	0.000486	0.00146	1.13E-09
2097 May	0.000973	0.0508	0.00000688	1.37	2.29	0.0342	0.000227	6.35	0.00141	0.0348	0.000278	0.000133	0.0000733	0.0856	0.00000218	0.0000745	0.000487	0.00146	1.13E-09
2097 Jun	0.000972	0.051	0.00000689	1.37	2.3	0.0344	0.000227	6.34	0.00141	0.0349	0.00028	0.000134	0.0000734	0.0858	0.00000217	0.0000743	0.00049	0.00146	1.12E-09
2097 Jul	0.000979	0.0513	0.00000694	1.38	2.31	0.0346	0.000228	6.38	0.00142	0.0351	0.000282	0.000135	0.0000739	0.0863	0.00000219	0.0000748	0.000493	0.00147	1.13E-09
2097 Aug	0.000983	0.0515	0.00000697	1.38	2.32	0.0347	0.000229	6.41	0.00143	0.0352	0.000283	0.000135	0.0000742	0.0867	0.0000022	0.0000751	0.000495	0.00148	1.13E-09
2097 Sep	0.000984	0.0516	0.00000698	1.38	2.33	0.0348	0.00023	6.42	0.00143	0.0353	0.000283	0.000135	0.0000743	0.0868	0.0000022	0.0000753	0.000496	0.00148	1.13E-09
2097 Oct	0.000983	0.0516	0.00000698	1.38	2.32	0.0347	0.00023	6.41	0.00143	0.0353	0.000283	0.000135	0.0000742	0.0867	0.0000022	0.0000752	0.000495	0.00148	1.13E-09
2097 Nov	0.000983	0.0515	0.00000697	1.38	2.32	0.0347	0.00023	6.41	0.00143	0.0353	0.000282	0.000135	0.0000741	0.0867	0.0000022	0.0000751	0.000494	0.00148	1.13E-09
2097 Dec	0.000982	0.0515	0.00000697	1.38	2.32	0.0347	0.00023	6.4	0.00142	0.0353	0.000282	0.000135	0.0000741	0.0866	0.0000022	0.0000751	0.000494	0.00148	1.13E-09
2098 Jan	0.000982	0.0515	0.00000697	1.38	2.32	0.0347	0.00023	6.4	0.00142	0.0353	0.000282	0.000135	0.0000741	0.0866	0.0000022	0.0000751	0.000494	0.00148	1.13E-09
2098 Feb	0.000983	0.0515	0.00000697	1.38	2.32	0.0347	0.00023	6.4	0.00142	0.0353	0.000282	0.000135	0.0000741	0.0866	0.0000022	0.0000751	0.000494	0.00148	1.13E-09
2098 Mar	0.000983	0.0515	0.00000697	1.38	2.32	0.0347	0.00023	6.4	0.00142	0.0353	0.000282	0.000135	0.0000741	0.0866	0.0000022	0.0000751	0.000494	0.00148	1.13E-09
2098 Apr	0.000983	0.0515	0.00000698	1.38	2.32	0.0347	0.00023	6.41	0.00143	0.0353	0.000282	0.000135	0.0000742	0.0867	0.0000022	0.0000752	0.000495	0.00148	1.13E-09
2098 May	0.000984	0.0518	0.00000699	1.38	2.33	0.035	0.00023	6.41	0.00143	0.0354	0.000284	0.000135	0.0000744	0.087	0.0000022	0.0000752	0.000497	0.00148	1.13E-09
2098 Jun	0.000977	0.0518	0.00000696	1.38	2.33	0.0352	0.000228	6.36	0.00142	0.0353	0.000286	0.000135	0.0000741	0.0869	0.00000218	0.0000745	0.000499	0.00147	1.11E-09
2098 Jul	0.000984	0.0521	0.00000701	1.39	2.34	0.0354	0.000229	6.4	0.00143	0.0355	0.000288	0.000136	0.0000746	0.0875	0.00000219	0.000075	0.000502	0.00148	1.11E-09
2098 Aug	0.000986	0.0522	0.00000703	1.39	2.34	0.0354	0.00023	6.41	0.00143	0.0356	0.000289	0.000136	0.0000747	0.0876	0.0000022	0.0000752	0.000503	0.00148	1.11E-09
2098 Sep	0.000982	0.052	0.00000701	1.38	2.34	0.0353	0.00023	6.39	0.00142	0.0355	0.000287	0.000135	0.0000744	0.0873	0.00000219	0.0000749	0.0005	0.00148	1.11E-09
2098 Oct	0.000979	0.0518	0.00000699	1.38	2.33	0.0351	0.00023	6.36	0.00142	0.0355	0.000286	0.000135	0.0000741	0.087	0.00000218	0.0000747	0.000498	0.00147	1.1E-09
2098 Nov	0.000978	0.0518	0.00000699	1.38	2.32	0.0351	0.00023	6.35	0.00142	0.0354	0.000285	0.000134	0.000074	0.0869	0.00000218	0.0000746	0.000498	0.00147	1.1E-09
2098 Dec	0.000978	0.0518	0.00000699	1.38	2.32	0.0351	0.00023	6.35	0.00142	0.0354	0.000285	0.000134	0.000074	0.0869	0.00000218	0.0000746	0.000498	0.00147	1.1E-09
2099 Jan	0.000978	0.0518	0.00000699	1.38	2.33	0.0351	0.00023	6.35	0.00142	0.0354	0.000285	0.000134	0.000074	0.0869	0.00000218	0.0000746	0.000498	0.00147	1.1E-09
2099 Feb	0.000978	0.0518	0.00000699	1.38	2.33	0.0351	0.00023	6.35	0.00142	0.0354	0.000285	0.000134	0.000074	0.0869	0.00000218	0.0000746	0.000498	0.00147	1.1E-09
2099 Mar	0.000978	0.0518	0.00000699	1.38	2.33	0.0351	0.00023	6.35	0.00142	0.0355	0.000286	0.000134	0.000074	0.087	0.00000218	0.0000746	0.000498	0.00147	1.1E-09
2099 Apr	0.000979	0.0519	0.000007	1.38	2.33	0.0352	0.00023	6.36	0.00142	0.0355	0.000286	0.000135	0.0000741	0.0871	0.00000218	0.0000747	0.000498	0.00147	1.1E-09
2099 May	0.000979	0.0522	0.000007	1.38	2.34	0.0356	0.000229	6.36	0.00142	0.0356	0.000289	0.000135	0.0000742	0.0875	0.00000217	0.0000745	0.000503	0.00147	1.09E-09
2099 Jun	0.000977	0.0523	0.000007	1.38	2.34	0.0357	0.000229	6.34	0.00141	0.0355	0.00029	0.000135	0.0000741	0.0876	0.00000217	0.0000743	0.000504	0.00147	1.08E-09
2099 Jul	0.000983	0.0526	0.00000704	1.39	2.35	0.0359	0.00023	6.37	0.00142	0.0358	0.000291	0.000136	0.0000745	0.0881	0.00000218	0.0000748	0.000507	0.00148	1.09E-09
2099 Aug	0.000988	0.0529	0.00000708	1.39	2.37	0.0361	0.000231	6.41	0.00143	0.036	0.000293	0.000136	0.0000749	0.0885	0.00000219	0.0000752	0.000509	0.00149	1.09E-09
2099 Sep	0.000986	0.0528	0.00000707	1.39	2.36	0.036	0.000231	6.4	0.00143	0.0359	0.000292	0.000136	0.0000748	0.0884	0.00000219	0.0000751	0.000508	0.00148	1.09E-09
2099 Oct	0.000984	0.0526	0.00000706	1.39	2.36	0.0359	0.000231	6.38	0.00142	0.0359	0.000291	0.000135	0.0000746	0.0882	0.00000218	0.0000749	0.000506	0.00148	1.09E-09
2099 Nov	0.000983	0.0526	0.00000705	1.39	2.35	0.0358	0.000231	6.37	0.00142	0.0358	0.000291	0.000135	0.0000745	0.088	0.00000218	0.0000748	0.000506	0.00148	1.09E-09
2099 Dec	0.000983	0.0526	0.00000705	1.39	2.35	0.0358	0.000231	6.37	0.00142	0.0359	0.000291	0.000135	0.0000745	0.088	0.00000218	0.0000748	0.000506	0.00148	1.09E-09
2100 Jan	0.000983	0.0526	0.00000705	1.39	2.35	0.0358	0.000231	6.37	0.00142	0.0359	0.000291	0.000135	0.0000745	0.088	0.00000218	0.0000748	0.000506	0.00148	1.09E-09
2100 Feb	0.000983	0.0526	0.00000705	1.39	2.35	0.0358	0.000231	6.37	0.00142	0.0359	0.000291	0.000135	0.0000745	0.088	0.00000218	0.0000748	0.000506	0.00148	1.09E-09
2100 Mar	0.000983	0.0526	0.00000705	1.39	2.35	0.0358	0.000231	6.37	0.00142	0.0359	0.000291	0.000135	0.0000745	0.0881	0.00000218	0.0000748	0.000506	0.00148	1.09E-09
2100 Apr	0.000984	0.0526	0.00000706	1.39	2.35	0.0359	0.000232	6.38	0.00142	0.0359	0.000291	0.000135	0.0000745	0.0881	0.00000218	0.0000749	0.000506	0.00148	1.09E-09
2100 May	0.000985	0.0528	0.00000707	1.39	2.36	0.0361	0.000232	6.38	0.00142	0.036	0.000293	0.000136	0.0000747	0.0884	0.00000218	0.0000749	0.000509	0.00148	1.08E-09
2100 Jun	0.000979	0.0528	0.00000705	1.38	2.36	0.0363	0.00023	6.34	0.00142	0.0359	0.000294	0.000135	0.0000745	0.0883	0.00000217	0.0000744	0.00051	0.00147	1.07E-09
2100 Jul	0.000981	0.0529	0.00000707	1.39	2.36	0.0363	0.00023	6.34	0.00142	0.036	0.000295	0.000136	0.0000746	0.0885	0.00000217	0.0000745	0.000511	0.00148	1.07E-09
2100 Aug	0.000981	0.0529	0.00000707	1.39	2.36	0.0363	0.00023	6.34	0.00142	0.036	0.000295	0.000136	0.0000746	0.0884	0.00000217	0.0000745	0.00051	0.00148	1.07E-09
2100 Sep	0.000981	0.0529	0.00000708	1.39	2.36	0.0363	0.000231	6.34	0.00142	0.036	0.000294	0.000136	0.0000746	0.0885	0.00000217	0.0000745	0.00051	0.00148	1.07E-09
2100 Oct	0.000981	0.0529	0.00000708	1.39	2.36	0.0363	0.000231	6.34	0.00142	0.036	0.000294	0.000136	0.0000746	0.0885	0.00000217	0.0000745	0.00051	0.00148	1.07E-09
2100 Nov	0.000981	0.053	0.00000708	1.39	2.36	0.0363	0.000231	6.34	0.00142	0.036	0.000295	0.000136	0.0000746	0.0885	0.00000217	0.0000745	0.00051	0.00148	1.07E-09
2100 Dec	0.000982	0.053	0.00000708	1.39	2.36	0.0363	0.000231	6.34	0.00142	0.036	0.000295	0.000136	0.0000746	0.0885	0.00000217	0.0000745	0.00051	0.00148	1.07E-09
2101 Jan	0.000982	0.053	0.00000708	1.39	2.36	0.0363	0.000231	6.34	0.00142	0.036	0.000295	0.000136	0.0000746	0.0885	0.00000217	0.0000745	0.00051	0.00148	1.07E-09

Appendix D.3-1: WN01

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Feb	0.000982	0.053	0.00000708	1.39	2.36	0.0363	0.000231	6.34	0.00142	0.036	0.000295	0.000136	0.0000746	0.0885	0.00000217	0.0000745	0.00051	0.00148	1.07E-09
2101 Mar	0.000982	0.053	0.00000708	1.39	2.36	0.0363	0.000231	6.35	0.00142	0.036	0.000295	0.000136	0.0000746	0.0885	0.00000217	0.0000745	0.00051	0.00148	1.07E-09
2101 Apr	0.000982	0.053	0.00000709	1.39	2.36	0.0363	0.000231	6.35	0.00142	0.0361	0.000295	0.000136	0.0000746	0.0885	0.00000217	0.0000746	0.00051	0.00148	1.07E-09
2101 May	0.000983	0.0532	0.0000071	1.39	2.37	0.0365	0.000231	6.35	0.00142	0.0361	0.000297	0.000136	0.0000748	0.0888	0.00000218	0.0000746	0.000513	0.00148	1.06E-09
2101 Jun	0.00098	0.0532	0.00000709	1.39	2.37	0.0367	0.00023	6.33	0.00142	0.0361	0.000298	0.000136	0.0000747	0.0888	0.00000217	0.0000743	0.000514	0.00148	1.05E-09
2101 Jul	0.000987	0.0536	0.00000714	1.4	2.38	0.0369	0.000232	6.37	0.00143	0.0363	0.0003	0.000137	0.0000752	0.0894	0.00000218	0.0000748	0.000518	0.00149	1.06E-09
2101 Aug	0.000992	0.0539	0.00000718	1.4	2.4	0.0371	0.000233	6.41	0.00143	0.0366	0.000302	0.000138	0.0000756	0.0899	0.00000219	0.0000752	0.00052	0.00149	1.06E-09
2101 Sep	0.000992	0.0539	0.00000718	1.4	2.4	0.0371	0.000233	6.4	0.00143	0.0366	0.000301	0.000137	0.0000756	0.0899	0.00000219	0.0000752	0.00052	0.00149	1.06E-09
2101 Oct	0.000992	0.0538	0.00000718	1.4	2.4	0.037	0.000233	6.4	0.00143	0.0366	0.000301	0.000137	0.0000755	0.0898	0.00000219	0.0000752	0.00052	0.00149	1.06E-09
2101 Nov	0.00099	0.0538	0.00000717	1.4	2.39	0.037	0.000233	6.39	0.00143	0.0365	0.0003	0.000137	0.0000754	0.0897	0.00000219	0.0000751	0.000518	0.00149	1.06E-09
2101 Dec	0.00099	0.0537	0.00000717	1.4	2.39	0.037	0.000233	6.38	0.00143	0.0365	0.0003	0.000137	0.0000754	0.0897	0.00000219	0.0000751	0.000518	0.00149	1.06E-09
2102 Jan	0.00099	0.0537	0.00000717	1.4	2.39	0.037	0.000233	6.38	0.00143	0.0365	0.0003	0.000137	0.0000754	0.0897	0.00000219	0.0000751	0.000518	0.00149	1.06E-09
2102 Feb	0.00099	0.0537	0.00000717	1.4	2.39	0.037	0.000233	6.38	0.00143	0.0365	0.0003	0.000137	0.0000754	0.0897	0.00000219	0.0000751	0.000518	0.00149	1.06E-09
2102 Mar	0.00099	0.0538	0.00000717	1.4	2.39	0.037	0.000233	6.39	0.00143	0.0365	0.0003	0.000137	0.0000754	0.0897	0.00000219	0.0000751	0.000518	0.00149	1.06E-09
2102 Apr	0.00099	0.0538	0.00000717	1.4	2.39	0.037	0.000233	6.39	0.00143	0.0365	0.0003	0.000137	0.0000754	0.0897	0.00000219	0.0000751	0.000518	0.00149	1.06E-09
2102 May	0.000992	0.0539	0.00000719	1.4	2.4	0.037	0.000234	6.4	0.00143	0.0366	0.000301	0.000137	0.0000755	0.0899	0.00000219	0.0000752	0.000519	0.00149	1.06E-09
2102 Jun	0.000985	0.0536	0.00000717	1.39	2.38	0.0368	0.000232	6.34	0.00142	0.0365	0.000299	0.000137	0.000075	0.0892	0.00000218	0.0000747	0.000517	0.00149	1.05E-09
2102 Jul	0.000983	0.0536	0.00000719	1.39	2.38	0.0368	0.000232	6.33	0.00142	0.0366	0.000298	0.000137	0.0000749	0.0892	0.00000218	0.0000746	0.000518	0.00149	1.04E-09
2102 Aug	0.000987	0.0538	0.00000721	1.4	2.38	0.0369	0.000233	6.35	0.00143	0.0367	0.000299	0.000138	0.0000752	0.0895	0.00000219	0.0000748	0.000519	0.0015	1.05E-09
2102 Sep	0.000988	0.0538	0.00000722	1.4	2.38	0.0369	0.000233	6.35	0.00143	0.0367	0.000299	0.000138	0.0000752	0.0895	0.00000219	0.0000749	0.000519	0.0015	1.05E-09
2102 Oct	0.000984	0.0536	0.0000072	1.39	2.37	0.0367	0.000233	6.32	0.00142	0.0366	0.000298	0.000137	0.0000749	0.0892	0.00000218	0.0000746	0.000517	0.00149	1.04E-09
2102 Nov	0.000984	0.0536	0.0000072	1.39	2.37	0.0367	0.000233	6.32	0.00142	0.0366	0.000298	0.000137	0.0000749	0.0892	0.00000218	0.0000746	0.000517	0.00149	1.04E-09
2102 Dec	0.000984	0.0536	0.0000072	1.39	2.37	0.0367	0.000233	6.32	0.00142	0.0366	0.000298	0.000137	0.0000749	0.0892	0.00000218	0.0000746	0.000517	0.00149	1.04E-09
2103 Jan	0.000984	0.0536	0.0000072	1.39	2.37	0.0367	0.000233	6.32	0.00142	0.0366	0.000298	0.000137	0.0000749	0.0892	0.00000218	0.0000746	0.000517	0.00149	1.04E-09
2103 Feb	0.000984	0.0536	0.0000072	1.39	2.37	0.0367	0.000233	6.32	0.00142	0.0366	0.000298	0.000137	0.0000749	0.0892	0.00000218	0.0000746	0.000517	0.00149	1.04E-09
2103 Mar	0.000984	0.0536	0.0000072	1.39	2.38	0.0367	0.000233	6.33	0.00142	0.0366	0.000298	0.000137	0.0000749	0.0892	0.00000218	0.0000747	0.000517	0.00149	1.04E-09
2103 Apr	0.000985	0.0536	0.0000072	1.39	2.38	0.0367	0.000233	6.33	0.00142	0.0367	0.000298	0.000137	0.0000749	0.0892	0.00000218	0.0000747	0.000517	0.00149	1.04E-09
2103 May	0.000986	0.0538	0.00000722	1.4	2.38	0.0369	0.000233	6.34	0.00142	0.0368	0.0003	0.000138	0.0000751	0.0895	0.00000218	0.0000748	0.00052	0.00149	1.04E-09
2103 Jun	0.000982	0.0539	0.0000072	1.39	2.38	0.0371	0.000231	6.3	0.00142	0.0367	0.000301	0.000138	0.0000749	0.0895	0.00000217	0.0000743	0.000521	0.00149	1.02E-09
2103 Jul	0.000984	0.0541	0.00000723	1.4	2.39	0.0372	0.000232	6.32	0.00142	0.0368	0.000302	0.000138	0.0000752	0.0898	0.00000217	0.0000745	0.000523	0.00149	1.03E-09
2103 Aug	0.000985	0.0541	0.00000724	1.4	2.39	0.0372	0.000232	6.32	0.00142	0.0369	0.000302	0.000138	0.0000752	0.0898	0.00000218	0.0000746	0.000523	0.00149	1.02E-09
2103 Sep	0.000983	0.054	0.00000724	1.39	2.38	0.0371	0.000232	6.3	0.00142	0.0369	0.000301	0.000138	0.000075	0.0896	0.00000217	0.0000744	0.000521	0.00149	1.02E-09
2103 Oct	0.000979	0.0538	0.00000722	1.39	2.37	0.0369	0.000232	6.27	0.00141	0.0368	0.0003	0.000137	0.0000746	0.0892	0.00000216	0.0000741	0.000518	0.00148	1.01E-09
2103 Nov	0.000978	0.0537	0.00000721	1.39	2.37	0.0368	0.000232	6.26	0.00141	0.0368	0.000299	0.000137	0.0000745	0.0891	0.00000216	0.0000741	0.000518	0.00148	1.01E-09
2103 Dec	0.000978	0.0537	0.00000721	1.39	2.37	0.0368	0.000232	6.26	0.00141	0.0368	0.000299	0.000137	0.0000745	0.0891	0.00000216	0.0000741	0.000518	0.00148	1.01E-09
2104 Jan	0.000978	0.0537	0.00000721	1.39	2.37	0.0368	0.000232	6.26	0.00141	0.0368	0.000299	0.000137	0.0000745	0.0891	0.00000216	0.0000741	0.000518	0.00148	1.01E-09
2104 Feb	0.000978	0.0537	0.00000721	1.39	2.37	0.0368	0.000232	6.26	0.00141	0.0368	0.000299	0.000137	0.0000745	0.0891	0.00000216	0.0000741	0.000518	0.00148	1.01E-09
2104 Mar	0.000978	0.0537	0.00000721	1.39	2.37	0.0369	0.000232	6.26	0.00141	0.0368	0.000299	0.000137	0.0000745	0.0891	0.00000216	0.0000741	0.000518	0.00148	1.01E-09
2104 Apr	0.000979	0.0538	0.00000722	1.39	2.37	0.0369	0.000233	6.27	0.00141	0.0368	0.000299	0.000137	0.0000746	0.0892	0.00000216	0.0000741	0.000518	0.00148	1.01E-09
2104 May	0.000981	0.054	0.00000723	1.39	2.38	0.0371	0.000233	6.27	0.00141	0.0369	0.000302	0.000137	0.0000748	0.0895	0.00000216	0.0000742	0.000521	0.00149	1.01E-09
2104 Jun	0.000976	0.054	0.00000721	1.38	2.38	0.0372	0.000231	6.24	0.00141	0.0368	0.000303	0.000137	0.0000746	0.0894	0.00000215	0.0000737	0.000522	0.00148	9.96E-10
2104 Jul	0.00098	0.0542	0.00000724	1.39	2.38	0.0374	0.000232	6.26	0.00141	0.037	0.000304	0.000137	0.0000748	0.0897	0.00000216	0.000074	0.000524	0.00149	9.99E-10
2104 Aug	0.000982	0.0543	0.00000726	1.39	2.39	0.0374	0.000233	6.28	0.00141	0.0371	0.000304	0.000138	0.000075	0.09	0.00000216	0.0000742	0.000525	0.00149	0.000000001
2104 Sep	0.000981	0.0542	0.00000726	1.39	2.39	0.0373	0.000233	6.26	0.00141	0.037	0.000303	0.000137	0.0000749	0.0898	0.00000216	0.0000741	0.000523	0.00149	9.98E-10
2104 Oct	0.000978	0.0541	0.00000725	1.39	2.38	0.0372	0.000233	6.25	0.00141	0.037	0.000302	0.000137	0.0000746	0.0896	0.00000216	0.0000739	0.000522	0.00148	9.94E-10
2104 Nov	0.000978	0.0541	0.00000724	1.39	2.38	0.0372	0.000233	6.24	0.00141	0.037	0.000302	0.000137	0.0000746	0.0895	0.00000215	0.0000739	0.000521	0.00148	9.93E-10
2104 Dec	0.000978	0.0541	0.00000724	1.39	2.38	0.0372	0.000233	6.24	0.00141	0.037	0.000302	0.000137	0.0000746	0.0895	0.00000215	0.0000739	0.000521	0.00148	9.93E-10
2105 Jan	0.000978	0.0541	0.00000724	1.39	2.38	0.0372	0.000233	6.24	0.00141	0.037	0.000302	0.000137	0.0000746	0.0896	0.00000215	0.0000739	0.000521	0.00148	9.93E-10
2105 Feb	0.000978	0.0541	0.00000725	1.39	2.38	0.0372	0.000233	6.24	0.00141	0.037	0.000302	0.000137	0.0000746	0.0896	0.00000215	0.0000739	0.000521	0.00148	9.93E-10
2105 Mar	0.000978	0.0541	0.00000725	1.39	2.38	0.0372	0.000233	6.24	0.00141	0.037	0.000302	0.000137	0.0000746	0.0896	0.00000215	0.0000739	0.000521	0.00148	9.93E-10
2105 Apr	0.000978	0.0541	0.00000725	1.39	2.38	0.0372	0.000233	6.25	0.00141	0.037	0.000302	0.000137	0.0000746	0.0896	0.00000216	0.000074	0.000522	0.00148	9.93E-10
2105 May	0.000979	0.0543	0.00000726	1.39	2.39	0.0374	0.000233	6.25	0.00141	0.0371	0.000304	0.000137	0.0000748	0.0899	0.00000216	0.000074	0.000524	0.00148	9.91E-10
2105 Jun	0.000979	0.0544	0.00000727	1.39	2.39	0.0376	0.000233	6.25	0.00141	0.0371	0.000306	0.000137	0.0000749	0.09	0.00000215	0.0000739	0.000526	0.00149	9.86E-10
2105 Jul	0.000983	0.0546	0.0000073	1.4	2.4	0.0377	0.000234	6.27	0.00142	0.0373	0.000307	0.000138	0.0000752	0.0904	0.00000216	0.0000742	0.000528	0.00149	9.9E-10
2105 Aug	0.000982	0.0546	0.0000073	1.39	2.4	0.0376	0.000234	6.26	0.00141	0.0372	0.000306	0.000138	0.0000751	0.0903	0.00000216	0.0000741	0.000526	0.00149	9.87E-10
2105 Sep	0.000979	0.0544	0.00000728	1.39	2.39	0.0375	0.000234	6.24	0.00141	0.0372	0.000305	0.000137	0.0000748	0.09	0.00000215	0.0000739	0.000524	0.00148	9.82E-10
2105 Oct	0.000977	0.0543	0.00000727	1.39	2.38	0.0374	0.000233	6.22	0.0014	0.0371	0.000304	0.000136	0.0000746	0.0897	0.00000215	0.0000737	0.000523	0.00148	9.77E-10
2105 Nov	0.000975	0.0542	0.00000726	1.38	2.38	0.0373	0.000233	6.21	0.0014	0.0371	0.000303	0.000136	0.0000745	0.0896	0.00000215	0.0000736	0.000522	0.00148	9.75E-10
2105 Dec	0.000976	0.0542	0.00000726	1.38	2.38	0.0373	0.000233	6.21	0.0014	0.0371	0.000303	0.000136	0.0000745	0.0896	0.00000215	0.0000737	0.000522	0.00148	9.75E-10
2106 Jan	0.000976	0.0542	0.00000726	1.38	2.38	0.0373	0.000233	6.21	0.0014	0.0371	0.000303	0.000136	0.0000745	0.0896	0.00000215	0.0000737	0.000522	0.00148	9.75E-10
2106 Feb	0.000976	0.0542	0.00000726	1.38	2.38	0.0373	0.000233	6.21	0.0014	0.0371	0.000303	0.000136	0.0000745	0.0896	0.00000215	0.0000737	0.000522	0.00148	9.75E-10
2106 Mar	0.000976	0.0542	0.00000726	1.38	2.38	0.0373	0.000233	6.21	0.0014	0.0371	0.000303	0.000136	0.0000745	0.0897	0.00000215	0.0000737	0.000522	0.00148	9.75E-10
2106 Apr	0.000976	0.0542	0.00000727	1.38	2.38	0.0373	0.000234	6.21	0.0014	0.0371	0.000303	0.000136	0.0000745	0.0897	0.00000215	0.0000737	0.000522	0.00148	9.76E-10
2106 May	0.000978	0.0544	0.00000728	1.39	2.39	0.0375	0.000234	6.23	0.00141	0.0372	0.000304	0.000137	0.0000747	0.0899	0.00000215	0.0000738	0.000524	0.00148	9.76E-10
2106 Jun	0.000972	0.0543	0.00000726	1.38	2.38	0.0376	0.000232	6.18	0.0014	0.0371	0.000305	0.000136	0.0000744	0.0897	0.00000214	0.0000733	0.000524	0.00148	9.61E-10
2106 Jul	0.000976	0.0546	0.0000073	1.39	2.39	0.0377	0.000233	6.2	0.0014	0.0373	0.000306	0.000137	0.0000747	0.09	0.00000214	0.0000736	0.000526	0.00148	9.63E-10
2106 Aug	0.000976	0.0546	0.00000731	1.39	2.39	0.0376	0.000233	6.2	0.0014	0.0373	0.000306	0.000137	0.0000746	0.09	0.00000214	0.0000736	0.000526	0.00148	9.62E-10
2106 Sep	0.000974	0.0544	0.0000073	1.38	2.38	0.0375	0.000233	6.18	0.0014	0.0373	0.000305	0.000136	0.0000744	0.0898	0.00000214	0.0000734	0.000524	0.00148	9.57E-10
2106 Oct	0.000973	0.0544	0.00000729	1.38	2.38	0.0375	0.000233	6.18	0.0014	0.0373	0.000304	0.000136	0.0000744	0.0897	0.00000214	0.0000734	0.000523	0.00148	9.56E-10
2106 Nov	0.000973	0.0544	0.0000073	1.38	2.38	0.0375	0.000234	6.18	0.0014	0.0373	0.000305	0.000136	0.0000744	0.0898	0.00000214	0.0000734	0.000524	0.00148	9.56E-10
2106 Dec	0.000973	0.0544	0.0000073	1.38	2.38	0.0375	0.000234	6.18	0.0014	0.0373	0.000305	0.000136	0.0000744	0.0898	0.00000214	0.0000734	0.000524	0.00148	9.56E-10
2107 Jan	0.000973	0.0544	0.0000073	1.38	2.38	0.0375	0.000234	6.18	0.0014	0.0373	0.000305	0.000136	0.0000744	0.0898	0.00000214	0.0000734	0.000524	0.00148	9.56E-10
2107 Feb	0.000973	0.0544	0.0000073	1.38	2.38	0.0375	0.000234	6.18	0.0014	0.0373	0.000305	0.000136	0.0000744	0.0898	0.00000214	0.0000734	0.000524	0.00148	9.56E-10
2107 Mar	0.000974	0.0544	0.0000073	1.38	2.38	0.0375	0.000234	6.18	0.0014	0.0373	0.000305	0.000136	0.0000744	0.0898	0.00000214	0.0000734	0.000524	0.00148	9.56E-10
2107 Apr	0.000974	0.0544	0.0000073	1.38	2.38	0.0375	0.000234	6.18	0.0014	0.0373	0.000305	0.000136	0.0000744	0.0898	0.00000214	0.0000734	0.000524	0.00148	9.57E-10
2107 May	0.000974	0.0545	0.00000731	1.38	2.38	0.0376	0.000234	6.18	0.0014	0.0373	0.000306	0.000137	0.0000745	0.09	0.00000214	0.0000734	0.000525	0.00148	9.55E-10
2107 Jun	0.000973	0.0547	0.00000731	1.38	2.39	0.0378	0.000233	6.17	0.0014	0.0374	0.000307	0.000137	0.0000745	0.0901	0.00000213	0.0000733	0.000527	0.00148	9.47E-10

Appendix D.3-1: WN01

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2107 Jul	0.000975	0.0548	0.00000733	1.39	2.39	0.0379	0.000234	6.18	0.0014	0.0375	0.000308	0.000137	0.0000747	0.0903	0.00000214	0.0000734	0.000528	0.00148	9.48E-10
2107 Aug	0.000979	0.055	0.00000736	1.39	2.4	0.038	0.000235	6.21	0.00141	0.0376	0.000309	0.000138	0.000075	0.0907	0.00000215	0.0000737	0.00053	0.00149	9.52E-10
2107 Sep	0.00098	0.0551	0.00000737	1.39	2.4	0.038	0.000235	6.21	0.00141	0.0377	0.000309	0.000138	0.000075	0.0907	0.00000215	0.0000738	0.00053	0.00149	9.52E-10
2107 Oct	0.000979	0.055	0.00000737	1.39	2.4	0.038	0.000235	6.2	0.00141	0.0377	0.000309	0.000137	0.0000749	0.0906	0.00000215	0.0000737	0.000529	0.00149	9.5E-10
2107 Nov	0.000979	0.055	0.00000736	1.39	2.4	0.0379	0.000235	6.2	0.0014	0.0376	0.000308	0.000137	0.0000749	0.0906	0.00000215	0.0000737	0.000529	0.00149	9.49E-10
2107 Dec	0.000979	0.055	0.00000736	1.39	2.4	0.0379	0.000235	6.2	0.0014	0.0376	0.000308	0.000137	0.0000749	0.0906	0.00000215	0.0000737	0.000529	0.00149	9.49E-10
2108 Jan	0.000979	0.055	0.00000736	1.39	2.4	0.0379	0.000235	6.2	0.0014	0.0376	0.000308	0.000137	0.0000749	0.0906	0.00000215	0.0000737	0.000529	0.00149	9.49E-10
2108 Feb	0.000979	0.055	0.00000736	1.39	2.4	0.0379	0.000235	6.2	0.0014	0.0376	0.000308	0.000137	0.0000749	0.0906	0.00000215	0.0000737	0.000529	0.00149	9.49E-10
2108 Mar	0.000979	0.055	0.00000737	1.39	2.4	0.0379	0.000235	6.2	0.0014	0.0377	0.000309	0.000137	0.0000749	0.0906	0.00000215	0.0000737	0.000529	0.00149	9.5E-10
2108 Apr	0.00098	0.055	0.00000737	1.39	2.4	0.038	0.000235	6.21	0.00141	0.0377	0.000309	0.000137	0.000075	0.0907	0.00000215	0.0000738	0.00053	0.00149	9.51E-10
2108 May	0.000982	0.0552	0.00000739	1.4	2.41	0.0381	0.000236	6.22	0.00141	0.0378	0.00031	0.000138	0.0000752	0.0909	0.00000216	0.000074	0.000531	0.00149	9.53E-10
2108 Jun	0.00098	0.0552	0.00000739	1.39	2.4	0.0381	0.000235	6.2	0.00141	0.0378	0.00031	0.000138	0.000075	0.0908	0.00000215	0.0000738	0.000531	0.00149	9.46E-10
2108 Jul	0.000985	0.0555	0.00000744	1.4	2.42	0.0383	0.000236	6.23	0.00141	0.038	0.000311	0.000139	0.0000754	0.0913	0.00000216	0.0000742	0.000535	0.0015	9.5E-10
2108 Aug	0.000992	0.0558	0.00000749	1.41	2.43	0.0385	0.000238	6.27	0.00142	0.0383	0.000313	0.00014	0.0000759	0.0919	0.00000218	0.0000746	0.000538	0.00151	9.56E-10
2108 Sep	0.000993	0.0559	0.0000075	1.41	2.43	0.0385	0.000238	6.28	0.00142	0.0383	0.000313	0.00014	0.000076	0.0919	0.00000218	0.0000747	0.000538	0.00151	9.56E-10
2108 Oct	0.000988	0.0556	0.00000747	1.4	2.42	0.0383	0.000238	6.24	0.00142	0.0382	0.000311	0.000139	0.0000756	0.0915	0.00000217	0.0000744	0.000535	0.0015	9.5E-10
2108 Nov	0.000988	0.0556	0.00000747	1.4	2.42	0.0383	0.000238	6.24	0.00142	0.0382	0.000311	0.000139	0.0000755	0.0914	0.00000217	0.0000744	0.000535	0.0015	9.49E-10
2108 Dec	0.000988	0.0556	0.00000747	1.4	2.42	0.0383	0.000238	6.24	0.00142	0.0382	0.000311	0.000139	0.0000755	0.0914	0.00000217	0.0000744	0.000535	0.0015	9.49E-10
2109 Jan	0.000988	0.0556	0.00000747	1.4	2.42	0.0383	0.000238	6.24	0.00142	0.0382	0.000311	0.000139	0.0000755	0.0914	0.00000217	0.0000744	0.000535	0.0015	9.49E-10
2109 Feb	0.000988	0.0556	0.00000747	1.4	2.42	0.0383	0.000238	6.24	0.00142	0.0382	0.000311	0.000139	0.0000755	0.0914	0.00000217	0.0000744	0.000535	0.0015	9.49E-10
2109 Mar	0.000988	0.0556	0.00000747	1.4	2.42	0.0383	0.000238	6.24	0.00142	0.0382	0.000311	0.000139	0.0000755	0.0915	0.00000217	0.0000744	0.000535	0.0015	9.5E-10
2109 Apr	0.000989	0.0556	0.00000747	1.4	2.42	0.0383	0.000238	6.25	0.00142	0.0382	0.000311	0.000139	0.0000756	0.0915	0.00000217	0.0000745	0.000535	0.00151	9.5E-10
2109 May	0.00099	0.0558	0.00000748	1.41	2.43	0.0385	0.000238	6.25	0.00142	0.0383	0.000313	0.000139	0.0000757	0.0918	0.00000217	0.0000745	0.000537	0.00151	9.48E-10
2109 Jun	0.000991	0.056	0.0000075	1.41	2.44	0.0388	0.000238	6.26	0.00142	0.0384	0.000315	0.00014	0.000076	0.0921	0.00000217	0.0000745	0.00054	0.00151	9.44E-10
2109 Jul	0.000994	0.0562	0.00000753	1.41	2.44	0.0389	0.000239	6.28	0.00143	0.0385	0.000316	0.00014	0.0000762	0.0924	0.00000218	0.0000747	0.000542	0.00151	9.46E-10
2109 Aug	0.000997	0.0564	0.00000756	1.42	2.45	0.039	0.00024	6.3	0.00143	0.0387	0.000317	0.00014	0.0000764	0.0927	0.00000219	0.000075	0.000543	0.00152	9.49E-10
2109 Sep	0.000997	0.0564	0.00000756	1.42	2.45	0.0389	0.00024	6.29	0.00143	0.0387	0.000316	0.00014	0.0000763	0.0926	0.00000218	0.0000749	0.000542	0.00152	9.47E-10
2109 Oct	0.000993	0.0561	0.00000753	1.41	2.44	0.0387	0.00024	6.26	0.00142	0.0385	0.000315	0.000139	0.0000759	0.0922	0.00000217	0.0000747	0.00054	0.00151	9.4E-10
2109 Nov	0.000993	0.0561	0.00000753	1.41	2.44	0.0387	0.00024	6.26	0.00142	0.0386	0.000315	0.000139	0.0000759	0.0922	0.00000217	0.0000747	0.00054	0.00151	9.4E-10
2109 Dec	0.000993	0.0561	0.00000754	1.41	2.44	0.0387	0.00024	6.26	0.00142	0.0386	0.000315	0.000139	0.000076	0.0922	0.00000217	0.0000747	0.00054	0.00151	9.4E-10
2110 Jan	0.000993	0.0561	0.00000754	1.41	2.44	0.0387	0.00024	6.26	0.00142	0.0386	0.000315	0.000139	0.000076	0.0922	0.00000217	0.0000747	0.00054	0.00151	9.4E-10
2110 Feb	0.000993	0.0561	0.00000754	1.41	2.44	0.0387	0.00024	6.26	0.00142	0.0386	0.000315	0.000139	0.000076	0.0922	0.00000217	0.0000747	0.00054	0.00151	9.4E-10
2110 Mar	0.000993	0.0561	0.00000754	1.41	2.44	0.0387	0.00024	6.26	0.00142	0.0386	0.000315	0.000139	0.000076	0.0922	0.00000218	0.0000747	0.00054	0.00151	9.4E-10
2110 Apr	0.000993	0.0562	0.00000754	1.41	2.44	0.0387	0.00024	6.26	0.00142	0.0386	0.000315	0.00014	0.000076	0.0923	0.00000218	0.0000747	0.00054	0.00151	9.4E-10
2110 May	0.000995	0.0563	0.00000755	1.41	2.45	0.0388	0.00024	6.27	0.00142	0.0386	0.000316	0.00014	0.0000761	0.0924	0.00000218	0.0000748	0.000541	0.00151	9.41E-10
2110 Jun	0.00099	0.0563	0.00000753	1.41	2.44	0.039	0.000239	6.23	0.00142	0.0386	0.000317	0.00014	0.0000759	0.0924	0.00000216	0.0000743	0.000542	0.00151	9.26E-10
2110 Jul	0.000993	0.0565	0.00000756	1.41	2.45	0.0391	0.00024	6.25	0.00142	0.0387	0.000318	0.00014	0.0000762	0.0927	0.00000217	0.0000746	0.000544	0.00151	9.28E-10
2110 Aug	0.000988	0.0562	0.00000754	1.41	2.44	0.0388	0.000239	6.21	0.00141	0.0386	0.000316	0.000139	0.0000757	0.0922	0.00000216	0.0000742	0.00054	0.00151	9.19E-10
2110 Sep	0.000982	0.0559	0.00000751	1.4	2.42	0.0386	0.000238	6.17	0.0014	0.0384	0.000314	0.000138	0.0000752	0.0916	0.00000215	0.0000737	0.000537	0.0015	9.1E-10
2110 Oct	0.000978	0.0556	0.00000748	1.39	2.41	0.0383	0.000238	6.13	0.0014	0.0383	0.000312	0.000137	0.0000748	0.0912	0.00000214	0.0000734	0.000533	0.00149	9.02E-10
2110 Nov	0.000976	0.0556	0.00000748	1.39	2.4	0.0383	0.000238	6.12	0.00139	0.0383	0.000311	0.000137	0.0000747	0.091	0.00000213	0.0000733	0.000532	0.00149	9E-10
2110 Dec	0.000976	0.0556	0.00000748	1.39	2.4	0.0383	0.000238	6.12	0.00139	0.0383	0.000311	0.000137	0.0000747	0.0911	0.00000213	0.0000733	0.000532	0.00149	9E-10
2111 Jan	0.000976	0.0556	0.00000748	1.39	2.4	0.0383	0.000238	6.12	0.00139	0.0383	0.000311	0.000137	0.0000747	0.0911	0.00000213	0.0000733	0.000532	0.00149	9E-10
2111 Feb	0.000976	0.0556	0.00000748	1.39	2.4	0.0383	0.000238	6.12	0.00139	0.0383	0.000311	0.000137	0.0000747	0.0911	0.00000213	0.0000733	0.000532	0.00149	9E-10
2111 Mar	0.000977	0.0556	0.00000748	1.39	2.41	0.0383	0.000238	6.13	0.00139	0.0383	0.000311	0.000137	0.0000747	0.0911	0.00000214	0.0000734	0.000533	0.00149	9E-10
2111 Apr	0.000977	0.0556	0.00000749	1.39	2.41	0.0383	0.000238	6.13	0.0014	0.0383	0.000311	0.000137	0.0000747	0.0911	0.00000214	0.0000734	0.000533	0.00149	9.01E-10
2111 May	0.000979	0.0558	0.0000075	1.39	2.41	0.0385	0.000239	6.14	0.0014	0.0384	0.000313	0.000137	0.0000749	0.0914	0.00000214	0.0000735	0.000535	0.00149	9E-10
2111 Jun	0.000977	0.0559	0.00000749	1.39	2.42	0.0387	0.000238	6.12	0.0014	0.0384	0.000315	0.000137	0.0000749	0.0915	0.00000213	0.0000732	0.000537	0.00149	8.9E-10
2111 Jul	0.000983	0.0563	0.00000754	1.4	2.43	0.0389	0.000239	6.16	0.0014	0.0387	0.000317	0.000138	0.0000754	0.0921	0.00000214	0.0000737	0.00054	0.0015	8.95E-10
2111 Aug	0.000982	0.0562	0.00000754	1.4	2.43	0.0388	0.000239	6.15	0.0014	0.0387	0.000316	0.000138	0.0000753	0.092	0.00000214	0.0000736	0.000539	0.0015	8.93E-10
2111 Sep	0.000981	0.0562	0.00000754	1.4	2.43	0.0388	0.00024	6.14	0.0014	0.0387	0.000315	0.000138	0.0000752	0.0919	0.00000214	0.0000736	0.000538	0.00149	8.91E-10
2111 Oct	0.000978	0.056	0.00000752	1.39	2.42	0.0386	0.000239	6.12	0.0014	0.0386	0.000314	0.000137	0.0000749	0.0916	0.00000213	0.0000733	0.000536	0.00149	8.86E-10
2111 Nov	0.000976	0.0558	0.00000751	1.39	2.41	0.0385	0.000239	6.1	0.00139	0.0385	0.000313	0.000137	0.0000747	0.0914	0.00000213	0.0000732	0.000535	0.00148	8.82E-10
2111 Dec	0.000976	0.0558	0.00000751	1.39	2.41	0.0385	0.000239	6.1	0.00139	0.0385	0.000313	0.000137	0.0000747	0.0914	0.00000213	0.0000732	0.000535	0.00148	8.82E-10
2112 Jan	0.000976	0.0558	0.00000751	1.39	2.41	0.0385	0.000239	6.1	0.00139	0.0385	0.000313	0.000137	0.0000747	0.0914	0.00000213	0.0000732	0.000535	0.00148	8.82E-10
2112 Feb	0.000976	0.0558	0.00000751	1.39	2.41	0.0385	0.000239	6.1	0.00139	0.0385	0.000313	0.000137	0.0000747	0.0914	0.00000213	0.0000732	0.000535	0.00149	8.82E-10
2112 Mar	0.000976	0.0559	0.00000751	1.39	2.41	0.0385	0.000239	6.1	0.00139	0.0385	0.000313	0.000137	0.0000747	0.0914	0.00000213	0.0000732	0.000535	0.00149	8.83E-10
2112 Apr	0.000977	0.0559	0.00000752	1.39	2.41	0.0386	0.000239	6.11	0.00139	0.0385	0.000313	0.000137	0.0000748	0.0915	0.00000213	0.0000733	0.000535	0.00149	8.83E-10
2112 May	0.000978	0.0561	0.00000753	1.39	2.42	0.0387	0.00024	6.12	0.0014	0.0386	0.000315	0.000137	0.0000749	0.0917	0.00000213	0.0000733	0.000537	0.00149	8.82E-10
2112 Jun	0.00097	0.0559	0.00000748	1.38	2.41	0.0388	0.000237	6.06	0.00138	0.0384	0.000316	0.000137	0.0000745	0.0913	0.00000211	0.0000726	0.000537	0.00148	8.64E-10
2112 Jul	0.000972	0.056	0.00000751	1.39	2.41	0.0389	0.000237	6.07	0.00139	0.0385	0.000316	0.000137	0.0000746	0.0915	0.00000212	0.0000727	0.000538	0.00148	8.65E-10
2112 Aug	0.000976	0.0563	0.00000754	1.39	2.42	0.039	0.000238	6.09	0.00139	0.0387	0.000317	0.000137	0.0000749	0.0919	0.00000212	0.000073	0.00054	0.00149	8.68E-10
2112 Sep	0.000976	0.0562	0.00000754	1.39	2.42	0.039	0.000239	6.09	0.00139	0.0387	0.000317	0.000137	0.0000749	0.0919	0.00000212	0.000073	0.00054	0.00149	8.67E-10
2112 Oct	0.000975	0.0562	0.00000754	1.39	2.42	0.0389	0.000239	6.08	0.00139	0.0387	0.000317	0.000137	0.0000749	0.0918	0.00000212	0.000073	0.000539	0.00149	8.66E-10
2112 Nov	0.000975	0.0562	0.00000754	1.39	2.42	0.0389	0.000239	6.08	0.00139	0.0387	0.000317	0.000137	0.0000749	0.0918	0.00000212	0.000073	0.000539	0.00149	8.66E-10
2112 Dec	0.000975	0.0562	0.00000754	1.39	2.42	0.0389	0.000239	6.08	0.00139	0.0387	0.000317	0.000137	0.0000749	0.0918	0.00000212	0.000073	0.000539	0.00149	8.66E-10
2113 Jan	0.000975	0.0562	0.00000754	1.39	2.42	0.0389	0.000239	6.08	0.00139	0.0387	0.000317	0.000137	0.0000749	0.0918	0.00000212	0.000073	0.000539	0.00149	8.66E-10
2113 Feb	0.000975	0.0562	0.00000754	1.39	2.42	0.0389	0.000239	6.08	0.00139	0.0387	0.000317	0.000137	0.0000749	0.0918	0.00000212	0.000073	0.000539	0.00149	8.66E-10
2113 Mar	0.000976	0.0562	0.00000754	1.39	2.42	0.0389	0.000239	6.09	0.00139	0.0387	0.000317	0.000137	0.0000749	0.0918	0.00000212	0.000073	0.000539	0.00149	8.66E-10
2113 Apr	0.000976	0.0563	0.00000755	1.39	2.42	0.039	0.000239	6.09	0.00139	0.0387	0.000317	0.000137	0.0000749	0.0919	0.00000213	0.0000731	0.00054	0.00149	8.67E-10
2113 May	0.000978	0.0564	0.00000756	1.39	2.43	0.0391	0.000239	6.1	0.00139	0.0388	0.000318	0.000138	0.0000751	0.0922	0.00000213	0.0000732	0.000542	0.00149	8.66E-10
2113 Jun	0.000975	0.0565	0.00000755	1.39	2.43	0.0393	0.000238	6.08	0.00139	0.0388	0.00032	0.000138	0.0000751	0.0922	0.00000212	0.0000729	0.000543	0.00149	8.58E-10
2113 Jul	0.00098	0.0568	0.00000759	1.4	2.44	0.0395	0.000239	6.11	0.0014	0.039	0.000321	0.000138	0.0000754	0.0926	0.00000213	0.0000732	0.000545	0.00149	8.61E-10
2113 Aug	0.000983	0.057	0.00000762	1.4	2.45	0.0396	0.00024	6.13	0.0014	0.0391	0.000322	0.000139	0.0000757	0.0929	0.00000214	0.0000735	0.000547	0.0015	8.64E-10
2113 Sep	0.000982	0.0569	0.00000761	1.4	2.44	0.0395	0.00024	6.12	0.0014	0.0391	0.000322	0.000138	0.0000755	0.0928	0.00000214	0.0000734	0.000546	0.0015	8.62E-10
2113 Oct	0.000976	0.0565	0.00000758	1.39	2.43	0.0392	0.00024	6.08	0.00139	0.0389	0.000319	0.000137	0.000075	0.0922	0.00000212	0.000073	0.000542	0.00149	8.54E-10
2113 Nov	0.000975	0.0565	0.00000757	1.39	2.43	0.0391	0.00024	6.07	0.00139	0.0389	0.000319	0.000137	0.0000749	0.0921	0.00000212	0.0000729	0.000541	0.00149	8.52E-10

Appendix D.3-1: WN01

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2113 Dec	0.000975	0.0565	0.00000757	1.39	2.43	0.0391	0.00024	6.07	0.00139	0.0389	0.000319	0.000137	0.0000749	0.0921	0.00000212	0.000073	0.000541	0.00149	8.52E-10
2114 Jan	0.000975	0.0565	0.00000757	1.39	2.43	0.0391	0.00024	6.07	0.00139	0.0389	0.000319	0.000137	0.0000749	0.0921	0.00000212	0.000073	0.000541	0.00149	8.52E-10
2114 Feb	0.000975	0.0565	0.00000757	1.39	2.43	0.0392	0.00024	6.07	0.00139	0.0389	0.000319	0.000137	0.0000749	0.0921	0.00000212	0.000073	0.000541	0.00149	8.52E-10
2114 Mar	0.000976	0.0565	0.00000757	1.39	2.43	0.0392	0.00024	6.07	0.00139	0.0389	0.000319	0.000137	0.0000749	0.0922	0.00000212	0.000073	0.000541	0.00149	8.52E-10
2114 Apr	0.000976	0.0565	0.00000758	1.39	2.43	0.0392	0.00024	6.07	0.00139	0.0389	0.000319	0.000137	0.000075	0.0922	0.00000212	0.000073	0.000542	0.00149	8.52E-10
2114 May	0.000976	0.0566	0.00000758	1.39	2.43	0.0393	0.00024	6.08	0.00139	0.039	0.00032	0.000137	0.0000751	0.0924	0.00000212	0.000073	0.000543	0.00149	8.5E-10
2114 Jun	0.000978	0.0569	0.0000076	1.4	2.44	0.0396	0.00024	6.08	0.00139	0.0391	0.000323	0.000138	0.0000753	0.0928	0.00000212	0.000073	0.000546	0.00149	8.46E-10
2114 Jul	0.000985	0.0573	0.00000766	1.41	2.46	0.0399	0.000242	6.12	0.0014	0.0394	0.000325	0.000139	0.0000758	0.0934	0.00000214	0.0000735	0.00055	0.0015	8.52E-10
2114 Aug	0.000991	0.0577	0.00000771	1.42	2.47	0.0401	0.000243	6.16	0.00141	0.0396	0.000327	0.00014	0.0000763	0.094	0.00000215	0.000074	0.000554	0.00151	8.57E-10
2114 Sep	0.00099	0.0576	0.0000077	1.41	2.47	0.04	0.000244	6.15	0.00141	0.0396	0.000326	0.000139	0.0000762	0.0939	0.00000215	0.0000739	0.000552	0.00151	8.55E-10
2114 Oct	0.000987	0.0574	0.00000768	1.41	2.46	0.0399	0.000243	6.13	0.0014	0.0395	0.000325	0.000139	0.0000759	0.0935	0.00000214	0.0000737	0.00055	0.0015	8.51E-10
2114 Nov	0.000984	0.0572	0.00000767	1.4	2.45	0.0397	0.000243	6.11	0.0014	0.0394	0.000323	0.000138	0.0000756	0.0933	0.00000213	0.0000736	0.000548	0.0015	8.47E-10
2114 Dec	0.000984	0.0572	0.00000766	1.4	2.45	0.0397	0.000243	6.11	0.0014	0.0394	0.000323	0.000138	0.0000756	0.0933	0.00000213	0.0000736	0.000548	0.0015	8.47E-10
2115 Jan	0.000984	0.0572	0.00000767	1.4	2.45	0.0397	0.000243	6.11	0.0014	0.0394	0.000323	0.000138	0.0000756	0.0933	0.00000213	0.0000736	0.000548	0.0015	8.47E-10
2115 Feb	0.000984	0.0572	0.00000767	1.4	2.45	0.0397	0.000243	6.11	0.0014	0.0394	0.000323	0.000138	0.0000756	0.0933	0.00000214	0.0000736	0.000548	0.0015	8.47E-10
2115 Mar	0.000985	0.0572	0.00000767	1.4	2.45	0.0397	0.000243	6.11	0.0014	0.0394	0.000323	0.000138	0.0000756	0.0933	0.00000214	0.0000736	0.000548	0.0015	8.48E-10
2115 Apr	0.000985	0.0573	0.00000767	1.41	2.46	0.0397	0.000243	6.12	0.0014	0.0395	0.000324	0.000138	0.0000757	0.0933	0.00000214	0.0000736	0.000549	0.0015	8.48E-10
2115 May	0.000986	0.0574	0.00000768	1.41	2.46	0.0399	0.000243	6.12	0.0014	0.0395	0.000325	0.000138	0.0000758	0.0935	0.00000214	0.0000736	0.00055	0.0015	8.46E-10
2115 Jun	0.000989	0.0577	0.00000771	1.41	2.47	0.0402	0.000244	6.14	0.00141	0.0397	0.000327	0.000139	0.0000762	0.094	0.00000214	0.0000738	0.000554	0.00151	8.46E-10
2115 Jul	0.000995	0.058	0.00000775	1.42	2.49	0.0404	0.000245	6.17	0.00141	0.0399	0.000329	0.00014	0.0000766	0.0945	0.00000215	0.0000742	0.000557	0.00151	8.5E-10
2115 Aug	0.000993	0.0579	0.00000774	1.42	2.48	0.0403	0.000245	6.16	0.00141	0.0398	0.000328	0.000139	0.0000764	0.0943	0.00000215	0.0000741	0.000555	0.00151	8.47E-10
2115 Sep	0.000993	0.0579	0.00000775	1.42	2.48	0.0403	0.000246	6.16	0.00141	0.0399	0.000328	0.000139	0.0000764	0.0943	0.00000215	0.0000741	0.000554	0.00151	8.46E-10
2115 Oct	0.000993	0.0579	0.00000775	1.42	2.48	0.0402	0.000246	6.16	0.00141	0.0399	0.000328	0.000139	0.0000764	0.0943	0.00000215	0.0000741	0.000554	0.00151	8.46E-10
2115 Nov	0.000991	0.0578	0.00000774	1.41	2.48	0.0402	0.000246	6.15	0.00141	0.0398	0.000327	0.000139	0.0000762	0.0941	0.00000215	0.000074	0.000553	0.00151	8.44E-10
2115 Dec	0.000991	0.0578	0.00000774	1.41	2.48	0.0402	0.000246	6.15	0.00141	0.0398	0.000327	0.000139	0.0000762	0.0941	0.00000215	0.000074	0.000553	0.00151	8.44E-10
2116 Jan	0.000991	0.0578	0.00000774	1.41	2.48	0.0402	0.000246	6.15	0.00141	0.0398	0.000327	0.000139	0.0000762	0.0941	0.00000215	0.000074	0.000553	0.00151	8.44E-10
2116 Feb	0.000992	0.0578	0.00000774	1.42	2.48	0.0402	0.000246	6.15	0.00141	0.0398	0.000327	0.000139	0.0000762	0.0941	0.00000215	0.000074	0.000553	0.00151	8.44E-10
2116 Mar	0.000992	0.0578	0.00000774	1.42	2.48	0.0402	0.000246	6.15	0.00141	0.0398	0.000327	0.000139	0.0000762	0.0942	0.00000215	0.000074	0.000553	0.00151	8.44E-10
2116 Apr	0.000992	0.0579	0.00000775	1.42	2.48	0.0402	0.000246	6.15	0.00141	0.0399	0.000327	0.000139	0.0000763	0.0942	0.00000215	0.0000741	0.000554	0.00151	8.44E-10
2116 May	0.000994	0.058	0.00000776	1.42	2.48	0.0403	0.000246	6.16	0.00141	0.0399	0.000329	0.000139	0.0000765	0.0945	0.00000215	0.0000741	0.000555	0.00151	8.44E-10
2116 Jun	0.000987	0.0579	0.00000772	1.41	2.48	0.0405	0.000244	6.12	0.0014	0.0398	0.00033	0.000139	0.0000762	0.0942	0.00000213	0.0000736	0.000556	0.0015	8.29E-10
2116 Jul	0.000993	0.0583	0.00000777	1.42	2.49	0.0407	0.000245	6.15	0.00141	0.04	0.000332	0.00014	0.0000766	0.0948	0.00000215	0.000074	0.000559	0.00151	8.33E-10
2116 Aug	0.000998	0.0586	0.00000781	1.43	2.5	0.0409	0.000247	6.18	0.00142	0.0402	0.000333	0.000141	0.000077	0.0953	0.00000216	0.0000744	0.000562	0.00152	8.37E-10
2116 Sep	0.000995	0.0584	0.00000779	1.42	2.49	0.0407	0.000246	6.16	0.00141	0.0401	0.000332	0.00014	0.0000767	0.0949	0.00000215	0.0000741	0.000559	0.00151	8.33E-10
2116 Oct	0.000991	0.0581	0.00000777	1.42	2.48	0.0405	0.000246	6.13	0.00141	0.04	0.00033	0.000139	0.0000763	0.0946	0.00000214	0.0000739	0.000557	0.00151	8.28E-10
2116 Nov	0.000991	0.0581	0.00000777	1.42	2.48	0.0405	0.000247	6.13	0.00141	0.0401	0.00033	0.000139	0.0000763	0.0946	0.00000214	0.0000739	0.000557	0.00151	8.27E-10
2116 Dec	0.000992	0.0581	0.00000777	1.42	2.48	0.0405	0.000247	6.13	0.00141	0.0401	0.00033	0.000139	0.0000763	0.0946	0.00000214	0.0000739	0.000557	0.00151	8.27E-10
2117 Jan	0.000992	0.0581	0.00000777	1.42	2.48	0.0405	0.000247	6.13	0.00141	0.0401	0.00033	0.000139	0.0000763	0.0946	0.00000214	0.0000739	0.000557	0.00151	8.27E-10
2117 Feb	0.000992	0.0581	0.00000777	1.42	2.48	0.0405	0.000247	6.13	0.00141	0.0401	0.00033	0.000139	0.0000763	0.0946	0.00000214	0.0000739	0.000557	0.00151	8.27E-10
2117 Mar	0.000992	0.0582	0.00000778	1.42	2.49	0.0405	0.000247	6.13	0.00141	0.0401	0.00033	0.000139	0.0000763	0.0946	0.00000214	0.0000739	0.000557	0.00151	8.27E-10
2117 Apr	0.000992	0.0582	0.00000778	1.42	2.49	0.0405	0.000247	6.14	0.00141	0.0401	0.00033	0.000139	0.0000764	0.0947	0.00000214	0.000074	0.000557	0.00151	8.28E-10
2117 May	0.000994	0.0584	0.0000078	1.42	2.49	0.0407	0.000247	6.15	0.00141	0.0402	0.000331	0.00014	0.0000766	0.0949	0.00000215	0.0000741	0.000559	0.00151	8.28E-10
2117 Jun	0.000995	0.0586	0.00000781	1.42	2.5	0.0409	0.000247	6.15	0.00141	0.0403	0.000333	0.00014	0.0000768	0.0952	0.00000215	0.0000741	0.000562	0.00151	8.25E-10
2117 Jul	0.001	0.059	0.00000786	1.43	2.52	0.0412	0.000249	6.19	0.00142	0.0405	0.000335	0.000141	0.0000773	0.0958	0.00000216	0.0000746	0.000565	0.00152	8.29E-10
2117 Aug	0.001	0.0591	0.00000789	1.44	2.52	0.0413	0.00025	6.21	0.00143	0.0407	0.000336	0.000141	0.0000775	0.0961	0.00000217	0.0000748	0.000567	0.00153	8.32E-10
2117 Sep	0.00101	0.0592	0.0000079	1.44	2.53	0.0413	0.00025	6.22	0.00143	0.0407	0.000337	0.000141	0.0000776	0.0963	0.00000217	0.000075	0.000567	0.00153	8.33E-10
2117 Oct	0.00101	0.0591	0.0000079	1.44	2.52	0.0413	0.00025	6.21	0.00143	0.0407	0.000336	0.000141	0.0000775	0.0961	0.00000217	0.0000749	0.000566	0.00153	8.31E-10
2117 Nov	0.001	0.0591	0.00000789	1.44	2.52	0.0412	0.00025	6.21	0.00142	0.0407	0.000336	0.000141	0.0000774	0.0961	0.00000217	0.0000748	0.000566	0.00153	8.3E-10
2117 Dec	0.001	0.0591	0.00000789	1.44	2.52	0.0412	0.00025	6.2	0.00142	0.0407	0.000336	0.000141	0.0000774	0.096	0.00000217	0.0000748	0.000566	0.00153	8.3E-10
2118 Jan	0.001	0.0591	0.00000789	1.44	2.52	0.0412	0.00025	6.2	0.00142	0.0407	0.000336	0.000141	0.0000774	0.096	0.00000217	0.0000748	0.000566	0.00153	8.3E-10
2118 Feb	0.001	0.0591	0.00000789	1.44	2.52	0.0412	0.00025	6.2	0.00142	0.0407	0.000336	0.000141	0.0000774	0.096	0.00000217	0.0000748	0.000566	0.00153	8.3E-10
2118 Mar	0.001	0.0591	0.00000789	1.44	2.52	0.0412	0.00025	6.21	0.00142	0.0407	0.000336	0.000141	0.0000774	0.0961	0.00000217	0.0000748	0.000566	0.00153	8.3E-10
2118 Apr	0.00101	0.0591	0.0000079	1.44	2.52	0.0412	0.00025	6.21	0.00143	0.0407	0.000336	0.000141	0.0000775	0.0961	0.00000217	0.0000749	0.000566	0.00153	8.3E-10
2118 May	0.00101	0.0593	0.0000079	1.44	2.53	0.0415	0.00025	6.21	0.00143	0.0407	0.000338	0.000141	0.0000776	0.0964	0.00000217	0.0000748	0.000569	0.00153	8.26E-10
2118 Jun	0.001	0.0593	0.00000786	1.43	2.53	0.0416	0.000248	6.17	0.00142	0.0406	0.000339	0.000141	0.0000773	0.0962	0.00000215	0.0000743	0.000569	0.00152	8.14E-10
2118 Jul	0.00101	0.0597	0.00000792	1.44	2.54	0.0419	0.00025	6.21	0.00143	0.0409	0.000342	0.000142	0.0000779	0.0969	0.00000217	0.0000748	0.000573	0.00153	8.19E-10
2118 Aug	0.00101	0.0596	0.00000792	1.44	2.54	0.0418	0.00025	6.21	0.00143	0.0409	0.000341	0.000142	0.0000778	0.0968	0.00000216	0.0000748	0.000572	0.00153	8.17E-10
2118 Sep	0.001	0.0593	0.00000789	1.43	2.53	0.0415	0.000249	6.17	0.00142	0.0407	0.000338	0.000141	0.0000773	0.0963	0.00000215	0.0000744	0.000568	0.00152	8.1E-10
2118 Oct	0.000998	0.0591	0.00000787	1.43	2.52	0.0414	0.000249	6.15	0.00141	0.0406	0.000337	0.00014	0.000077	0.0959	0.00000215	0.0000742	0.000566	0.00151	8.05E-10
2118 Nov	0.000997	0.0591	0.00000786	1.43	2.51	0.0413	0.000249	6.14	0.00141	0.0406	0.000337	0.00014	0.0000769	0.0958	0.00000214	0.0000741	0.000565	0.00151	8.04E-10
2118 Dec	0.000997	0.0591	0.00000786	1.43	2.51	0.0413	0.000249	6.14	0.00141	0.0406	0.000337	0.00014	0.000077	0.0959	0.00000214	0.0000741	0.000565	0.00151	8.04E-10
2119 Jan	0.000997	0.0591	0.00000786	1.43	2.51	0.0413	0.000249	6.14	0.00141	0.0406	0.000337	0.00014	0.000077	0.0959	0.00000214	0.0000741	0.000565	0.00151	8.04E-10
2119 Feb	0.000997	0.0591	0.00000787	1.43	2.51	0.0413	0.000249	6.14	0.00141	0.0406	0.000337	0.00014	0.000077	0.0959	0.00000214	0.0000741	0.000565	0.00151	8.04E-10
2119 Mar	0.000997	0.0591	0.00000787	1.43	2.52	0.0413	0.000249	6.14	0.00141	0.0406	0.000337	0.00014	0.000077	0.0959	0.00000214	0.0000742	0.000566	0.00151	8.04E-10
2119 Apr	0.000998	0.0592	0.00000788	1.43	2.52	0.0414	0.00025	6.15	0.00141	0.0407	0.000337	0.00014	0.0000771	0.0961	0.00000215	0.0000742	0.000567	0.00152	8.05E-10
2119 May	0.000998	0.0594	0.00000786	1.43	2.53	0.0418	0.000249	6.14	0.00141	0.0407	0.00034	0.00014	0.0000771	0.0964	0.00000214	0.000074	0.00057	0.00151	7.97E-10
2119 Jun	0.000997	0.0594	0.00000786	1.43	2.53	0.0419	0.000248	6.14	0.00141	0.0407	0.00034	0.00014	0.0000771	0.0964	0.00000214	0.0000739	0.000571	0.00151	7.93E-10
2119 Jul	0.001	0.0598	0.00000791	1.44	2.54	0.0421	0.00025	6.17	0.00142	0.0409	0.000342	0.000141	0.0000775	0.097	0.00000215	0.0000744	0.000574	0.00152	7.98E-10
2119 Aug	0.00101	0.06	0.00000794	1.44	2.55	0.0422	0.000251	6.19	0.00142	0.0411	0.000343	0.000141	0.0000778	0.0973	0.00000216	0.0000746	0.000576	0.00153	8E-10
2119 Sep	0.001	0.0598	0.00000793	1.44	2.54	0.0421	0.000251	6.17	0.00142	0.041	0.000341	0.000141	0.0000775	0.097	0.00000215	0.0000744	0.000573	0.00152	7.96E-10
2119 Oct	0.001	0.0597	0.00000791	1.43	2.54	0.0419	0.000251	6.15	0.00142	0.0409	0.00034	0.00014	0.0000773	0.0968	0.00000215	0.0000743	0.000572	0.00152	7.93E-10
2119 Nov	0.001	0.0596	0.0000079	1.43	2.53	0.0419	0.000251	6.15	0.00141	0.0409	0.00034	0.00014	0.0000772	0.0966	0.00000214	0.0000742	0.000571	0.00151	7.91E-10
2119 Dec	0.001	0.0596	0.0000079	1.43	2.53	0.0419	0.000251	6.15	0.00141	0.0409	0.00034	0.00014	0.0000772	0.0967	0.00000214	0.0000742	0.000571	0.00151	7.91E-10

Appendix D.3-2: TIRI

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2044-2119): Min	104	0.0204	0.0766	0.00231	17.5	0.03	15.6	0.000882	0.000882	0.00000456	0.00276	0.000436	0.0158	0.00757	0.00000466	7.42	0.00000722	0.000182	0.0000905
Post Closure (2044-2119): Mean	286	0.0891	0.355	0.0105	31.2	0.0956	134	0.00416	0.000952	0.00000594	0.00664	0.00583	0.144	0.0189	0.00000721	42	0.0000315	0.00323	0.000324
Post Closure (2044-2119): Max	395	0.104	0.46	0.0133	37.6	0.145	225	0.00661	0.000976	0.00000676	0.00927	0.0099	0.242	0.0274	0.00000892	68.3	0.0000491	0.00556	0.000503
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																			
Model Predictions (2044-2119)																			
2044 Jan	104	0.0204	0.0766	0.00231	17.5	0.03	15.6	0.000882	0.000882	0.00000456	0.00276	0.000436	0.0158	0.00757	0.00000466	7.42	0.00000722	0.000182	0.0000905
2044 Feb	104	0.0204	0.0766	0.00231	17.5	0.03	15.6	0.000882	0.000882	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000722	0.000182	0.0000905
2044 Mar	104	0.0204	0.0766	0.00231	17.5	0.03	15.6	0.000882	0.000882	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000722	0.000182	0.0000906
2044 Apr	104	0.0204	0.0766	0.00231	17.5	0.03	15.6	0.000882	0.000882	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000722	0.000182	0.0000906
2044 May	104	0.0204	0.0767	0.00231	17.5	0.03	15.6	0.000882	0.000882	0.00000457	0.00277	0.000437	0.0158	0.00757	0.00000466	7.43	0.00000723	0.000182	0.0000906
2044 Jun	107	0.0233	0.0906	0.00257	18.2	0.0304	17	0.000948	0.000883	0.00000457	0.00281	0.000523	0.0168	0.00769	0.00000469	7.88	0.00000746	0.000206	0.000093
2044 Jul	109	0.0247	0.0977	0.0027	18.6	0.0307	17.7	0.000982	0.000885	0.00000459	0.00284	0.000566	0.0174	0.00777	0.00000471	8.13	0.00000758	0.000219	0.0000944
2044 Aug	109	0.0248	0.0979	0.00271	18.7	0.0308	17.7	0.000985	0.000888	0.0000046	0.00284	0.000568	0.0174	0.00779	0.00000472	8.15	0.0000076	0.000219	0.0000946
2044 Sep	109	0.0247	0.0978	0.00271	18.6	0.0308	17.7	0.000984	0.000887	0.0000046	0.00284	0.000567	0.0174	0.00778	0.00000472	8.14	0.0000076	0.000219	0.0000945
2044 Oct	109	0.0247	0.0978	0.0027	18.6	0.0308	17.7	0.000984	0.000887	0.0000046	0.00284	0.000567	0.0174	0.00778	0.00000471	8.14	0.00000759	0.000219	0.0000945
2044 Nov	109	0.0247	0.0978	0.0027	18.6	0.0308	17.7	0.000984	0.000887	0.0000046	0.00284	0.000567	0.0174	0.00778	0.00000472	8.14	0.0000076	0.000219	0.0000945
2044 Dec	109	0.0247	0.0978	0.0027	18.6	0.0308	17.7	0.000984	0.000887	0.0000046	0.00284	0.000567	0.0174	0.00778	0.00000472	8.14	0.0000076	0.000219	0.0000945
2045 Jan	109	0.0247	0.0978	0.0027	18.6	0.0308	17.7	0.000984	0.000887	0.0000046	0.00284	0.000567	0.0174	0.00778	0.00000472	8.14	0.0000076	0.000219	0.0000945
2045 Feb	109	0.0247	0.0978	0.0027	18.6	0.0308	17.7	0.000984	0.000887	0.0000046	0.00284	0.000567	0.0174	0.00778	0.00000472	8.14	0.0000076	0.000219	0.0000945
2045 Mar	109	0.0247	0.0978	0.0027	18.6	0.0308	17.7	0.000984	0.000887	0.0000046	0.00284	0.000567	0.0174	0.00778	0.00000472	8.14	0.0000076	0.000219	0.0000945
2045 Apr	109	0.0248	0.0978	0.00271	18.6	0.0308	17.7	0.000984	0.000887	0.0000046	0.00284	0.000567	0.0174	0.00778	0.00000472	8.14	0.0000076	0.000219	0.0000945
2045 May	109	0.0248	0.0979	0.00271	18.6	0.0308	17.7	0.000984	0.000888	0.0000046	0.00284	0.000568	0.0174	0.00779	0.00000472	8.15	0.0000076	0.000219	0.0000946
2045 Jun	112	0.0268	0.108	0.00291	19.2	0.0311	18.9	0.00104	0.000889	0.00000461	0.00288	0.000638	0.0183	0.00788	0.00000474	8.52	0.00000779	0.000239	0.0000964
2045 Jul	113	0.0284	0.116	0.00305	19.6	0.0315	19.7	0.00108	0.000891	0.00000463	0.00291	0.00069	0.019	0.00796	0.00000477	8.8	0.00000793	0.000254	0.0000979
2045 Aug	114	0.0284	0.116	0.00306	19.6	0.0315	19.7	0.00108	0.000893	0.00000463	0.00292	0.000691	0.019	0.00797	0.00000477	8.82	0.00000795	0.000254	0.0000981
2045 Sep	114	0.0285	0.116	0.00306	19.6	0.0315	19.7	0.00108	0.000893	0.00000463	0.00292	0.000691	0.019	0.00797	0.00000478	8.82	0.00000795	0.000254	0.0000981
2045 Oct	114	0.0285	0.116	0.00306	19.6	0.0315	19.8	0.00108	0.000893	0.00000464	0.00292	0.000691	0.019	0.00797	0.00000478	8.82	0.00000795	0.000254	0.0000981
2045 Nov	114	0.0285	0.116	0.00306	19.6	0.0315	19.8	0.00108	0.000893	0.00000464	0.00292	0.000691	0.019	0.00798	0.00000478	8.82	0.00000795	0.000254	0.0000982
2045 Dec	114	0.0285	0.116	0.00306	19.6	0.0315	19.8	0.00108	0.000893	0.00000464	0.00292	0.000691	0.019	0.00798	0.00000478	8.82	0.00000795	0.000255	0.0000982
2046 Jan	114	0.0285	0.116	0.00306	19.6	0.0315	19.8	0.00108	0.000893	0.00000464	0.00292	0.000691	0.019	0.00798	0.00000478	8.82	0.00000795	0.000255	0.0000982
2046 Feb	114	0.0285	0.116	0.00306	19.6	0.0315	19.8	0.00108	0.000893	0.00000464	0.00292	0.000691	0.019	0.00798	0.00000478	8.82	0.00000795	0.000255	0.0000982
2046 Mar	114	0.0285	0.116	0.00306	19.6	0.0315	19.8	0.00108	0.000893	0.00000464	0.00292	0.000691	0.019	0.00798	0.00000478	8.82	0.00000795	0.000255	0.0000982
2046 Apr	114	0.0285	0.116	0.00306	19.6	0.0315	19.8	0.00108	0.000894	0.00000464	0.00292	0.000691	0.019	0.00798	0.00000478	8.83	0.00000795	0.000255	0.0000982
2046 May	114	0.0285	0.116	0.00306	19.7	0.0316	19.8	0.00108	0.000894	0.00000464	0.00292	0.000692	0.019	0.00798	0.00000478	8.83	0.00000796	0.000255	0.0000982
2046 Jun	117	0.0311	0.129	0.00331	20.3	0.0321	21.3	0.00115	0.000896	0.00000465	0.00297	0.000782	0.0202	0.0081	0.00000481	9.31	0.00000821	0.000282	0.000101
2046 Jul	120	0.0339	0.143	0.00359	21	0.0326	22.9	0.00123	0.000898	0.00000467	0.00302	0.00088	0.0215	0.00822	0.00000484	9.84	0.00000848	0.000311	0.000103
2046 Aug	120	0.034	0.143	0.00359	21.1	0.0327	22.9	0.00123	0.000899	0.00000468	0.00302	0.000882	0.0215	0.00823	0.00000485	9.85	0.00000849	0.000311	0.000103
2046 Sep	120	0.034	0.143	0.0036	21.1	0.0327	22.9	0.00123	0.000899	0.00000468	0.00302	0.000882	0.0215	0.00823	0.00000485	9.85	0.00000849	0.000312	0.000103
2046 Oct	121	0.0346	0.146	0.00366	21.2	0.0328	23.3	0.00125	0.000899	0.00000468	0.00303	0.000904	0.0218	0.00826	0.00000486	9.97	0.00000855	0.000319	0.000104
2046 Nov	121	0.0348	0.147	0.00367	21.3	0.0328	23.4	0.00125	0.000899	0.00000468	0.00303	0.000909	0.0219	0.00826	0.00000486	10	0.00000856	0.00032	0.000104
2046 Dec	121	0.0348	0.147	0.00367	21.3	0.0328	23.4	0.00125	0.000899	0.00000468	0.00303	0.000909	0.0219	0.00826	0.00000486	10	0.00000856	0.00032	0.000104
2047 Jan	121	0.0348	0.147	0.00367	21.3	0.0328	23.4	0.00125	0.000899	0.00000468	0.00303	0.000909	0.0219	0.00826	0.00000486	10	0.00000856	0.00032	0.000104
2047 Feb	121	0.0348	0.147	0.00367	21.3	0.0328	23.4	0.00125	0.000899	0.00000468	0.00303	0.000909	0.0219	0.00827	0.00000486	10	0.00000857	0.00032	0.000104
2047 Mar	121	0.0348	0.147	0.00367	21.3	0.0328	23.4	0.00125	0.000899	0.00000468	0.00303	0.00091	0.0219	0.00827	0.00000486	10	0.00000857	0.00032	0.000104
2047 Apr	121	0.0348	0.147	0.00367	21.3	0.0328	23.4	0.00125	0.000899	0.00000468	0.00303	0.00091	0.0219	0.00827	0.00000486	10	0.00000857	0.00032	0.000104
2047 May	122	0.0352	0.149	0.00371	21.4	0.0329	23.6	0.00126	0.0009	0.00000468	0.00304	0.000924	0.0221	0.00829	0.00000487	10.1	0.00000861	0.000325	0.000104
2047 Jun	126	0.039	0.167	0.00407	22.3	0.0338	25.9	0.00136	0.000902	0.00000471	0.00311	0.00105	0.024	0.0085	0.00000491	10.8	0.00000899	0.000368	0.000109
2047 Jul	126	0.0391	0.168	0.00408	22.4	0.0338	25.9	0.00136	0.000904	0.00000472	0.00312	0.00106	0.024	0.00852	0.00000492	10.8	0.00000901	0.000369	0.000109
2047 Aug	127	0.0391	0.168	0.00409	22.4	0.0339	26	0.00137	0.000906	0.00000473	0.00313	0.00106	0.0241	0.00853	0.00000493	10.9	0.00000903	0.00037	0.000109
2047 Sep	127	0.0391	0.168	0.00408	22.4	0.0339	26	0.00137	0.000906	0.00000473	0.00312	0.00106	0.0241	0.00853	0.00000493	10.9	0.00000903	0.00037	0.000109
2047 Oct	127	0.0391	0.168	0.00408	22.4	0.0339	25.9	0.00137	0.000905	0.00000472	0.00312	0.00106	0.024	0.00853	0.00000493	10.8	0.00000902	0.000369	0.000109
2047 Nov	127	0.0391	0.168	0.00408	22.4	0.0339	25.9	0.00137	0.000905	0.00000472	0.00312	0.00106	0.024	0.00853	0.00000493	10.8	0.00000902	0.000369	0.000109
2047 Dec	127	0.0391	0.168	0.00408	22.4	0.0339	25.9	0.00137	0.000905	0.00000472	0.00312	0.00106	0.024	0.00853	0.00000493	10.8	0.00000902	0.000369	0.000109
2048 Jan	127	0.0391	0.168	0.00408	22.4	0.0339	25.9	0.00137	0.000905	0.00000472	0.00312	0.00106	0.024	0.00853	0.00000493	10.8	0.00000902	0.000369	0.000109
2048 Feb	127	0.0391	0.168	0.00408	22.4	0.0339	25.9	0.00137	0.000905	0.00000472	0.00312	0.00106	0.024	0.00853	0.00000493	10.8	0.00000902	0.000369	0.000109
2048 Mar	127	0.0391	0.168	0.00408	22.4	0.0339	25.9	0.00137	0.000905	0.00000472	0.00312	0.00106	0.024	0.00853	0.00000493	10.8	0.00000902	0.000369	0.000109
2048 Apr	127	0.0391	0.168	0.00408	22.4	0.0339	26	0.00137	0.000905	0.00000472	0.00312	0.00106	0.024	0.00853	0.00000493	10.8	0.00000902	0.000369	0.000109
2048 May	127	0.0392	0.168	0.00408	22.4	0.0339	26	0.00137	0.000906	0.00000473	0.00313	0.00106	0.0241	0.00854	0.00000493	10.9	0.00000903	0.00037	0.000109
2048 Jun	131	0.0426	0.185	0.00441	23.3	0.0348	28.1	0.00145	0.000908	0.00000475	0.00319	0.00117	0.026	0.0087	0.00000498	11.5	0.00000942	0.000414	0.000113
2048 Jul	135	0.0457	0.2	0.0047	24.1	0.0356	30	0.00153	0.00091	0.00000477	0.00325	0.00128	0.0277	0.00886	0.00000502	12.1	0.00000976	0.000453	0.000116
2048 Aug	135	0.0457	0.2	0.0047	24.2	0.0356	30	0.00153	0.000911	0.00000477	0.00326	0.00128	0.0277	0.00887	0.00000502	12.1	0.00000977	0.000454	0.000116
2048 Sep	135	0.0457	0.2	0.0047	24.2	0.0356	30	0.00153	0.000911	0.00000477	0.00326	0.00128	0.0277	0.00887	0.00000502	12.1	0.00000977	0.000454	0.000116
2048 Oct	135	0.046	0.202	0.00473	24.2	0.0357	30.2	0.00154	0.000911	0.00000477	0.00326	0.00129	0.0279	0.00888	0.00000503	12.2	0.0000098	0.000458	0.000116
2048 Nov	135	0.0461	0.202	0.00474	24.3	0.0357	30.3	0.00154	0.000911	0.00000477	0.00327	0.00129	0.0279	0.00889	0.00000503	12.2	0.00000981	0.000459	0.000116
2048 Dec	135	0.0461	0.202	0.00474	24.3	0.0357	30.3	0.00154	0.000911	0.00000478	0.00327	0.00129	0.0279	0.00889	0.00000503	12.2	0.00000981	0.000459	0.000116
2049 Jan	135	0.0461	0.202	0.00474	24.3	0.0357	30.3	0.00154	0.000911	0.00000478	0.00327	0.00129	0.0279	0.00889	0.00000503	12.2	0.00000981	0.000459	0.000116
2049 Feb	135	0.0461	0.202	0.00474	24.3	0.0357	30.3	0.00154	0.000911	0.00000478	0.00327	0.00129	0.0279	0.00889	0.00000503	12.2	0.00000981	0.000459	0.000116
2049 Mar	135	0.0461	0.202	0.00474	24.3	0.0357	30.3	0.00154	0.000911	0.00000478	0.00327	0.00129	0.0279	0.00889	0.00000503	12.2	0.00000981	0.000459	0.000116
2049 Apr	135	0.0461	0.202	0.00474	24.3	0.0357	30.3	0.00154	0.000911	0.00000478	0.00327	0.00129	0.0279	0.00889	0.00000503	12.2	0.00000982	0.000459	0.000116
2049 May	135	0.0461	0.203	0.00474	24.3	0.0357	30.3	0.00154	0.000912	0.00000478	0.00327	0.00129	0.0279	0.00889	0.00000503	12.2	0.00000982	0.000459	0.000116
2049 Jun	139	0.0494	0.219	0.00505	25.1	0.0367	32.4	0.00162	0.000913	0.0000048	0.00334	0.00141	0.0299	0.00906	0.00000507	12.8	0.0000102	0.000506	0.00012
2049 Jul	142	0.0514	0.229	0.00523	25.6	0.0372	33.7	0.00167	0.000914	0.00000481	0.00338	0.00147	0.0311	0.00916	0.0000051	13.2	0.0000105	0.000534	0.000122
2049 Aug	142	0.0515	0.23	0.00525	25.7	0.0373	33.8	0.00167	0.000916	0.00000482	0.00339	0.00148	0.0312	0.00918	0.00000511	13.3	0.0000105	0.000536	0.000122
2049 Sep	142	0.0515	0.229	0.00524	25.7	0.0373	33.8	0.00167	0.000916	0.00000482	0.00339	0.00148	0.0312	0.00918	0.00000511	13.3	0.0000105	0.000536	0.000122

Appendix D.3-2: TIRI

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2049 Oct	142	0.0515	0.229	0.00524	25.7	0.0373	33.7	0.00167	0.000916	0.00000482	0.00338	0.00148	0.0312	0.00918	0.00000511	13.2	0.0000105	0.000535	0.000122
2049 Nov	142	0.0515	0.229	0.00524	25.7	0.0373	33.7	0.00167	0.000916	0.00000482	0.00339	0.00148	0.0312	0.00918	0.00000511	13.2	0.0000105	0.000535	0.000122
2049 Dec	142	0.0515	0.229	0.00524	25.7	0.0373	33.7	0.00167	0.000916	0.00000482	0.00339	0.00148	0.0312	0.00918	0.00000511	13.2	0.0000105	0.000535	0.000122
2050 Jan	142	0.0515	0.229	0.00524	25.7	0.0373	33.7	0.00167	0.000916	0.00000482	0.00339	0.00148	0.0312	0.00918	0.00000511	13.2	0.0000105	0.000535	0.000122
2050 Feb	142	0.0515	0.229	0.00524	25.7	0.0373	33.7	0.00167	0.000916	0.00000482	0.00339	0.00148	0.0312	0.00918	0.00000511	13.2	0.0000105	0.000535	0.000122
2050 Mar	142	0.0515	0.229	0.00524	25.7	0.0373	33.7	0.00167	0.000916	0.00000482	0.00339	0.00148	0.0312	0.00918	0.00000511	13.2	0.0000105	0.000535	0.000122
2050 Apr	142	0.0515	0.229	0.00524	25.7	0.0373	33.7	0.00167	0.000916	0.00000482	0.00339	0.00148	0.0312	0.00918	0.00000511	13.2	0.0000105	0.000535	0.000122
2050 May	142	0.0515	0.23	0.00525	25.7	0.0373	33.8	0.00167	0.000916	0.00000482	0.00339	0.00148	0.0312	0.00918	0.00000511	13.3	0.0000105	0.000536	0.000122
2050 Jun	145	0.0535	0.239	0.00543	26.2	0.038	35.1	0.00171	0.000917	0.00000484	0.00343	0.00154	0.0325	0.00928	0.00000514	13.6	0.0000108	0.000566	0.000124
2050 Jul	147	0.0553	0.248	0.00559	26.7	0.0385	36.3	0.00176	0.000917	0.00000485	0.00347	0.00161	0.0337	0.00938	0.00000516	14	0.000011	0.000594	0.000126
2050 Aug	147	0.0554	0.249	0.0056	26.7	0.0386	36.3	0.00176	0.000918	0.00000485	0.00347	0.00161	0.0338	0.00939	0.00000517	14	0.000011	0.000595	0.000127
2050 Sep	147	0.0554	0.249	0.0056	26.7	0.0386	36.4	0.00176	0.000919	0.00000485	0.00348	0.00161	0.0338	0.00939	0.00000517	14	0.000011	0.000595	0.000127
2050 Oct	147	0.0554	0.249	0.0056	26.7	0.0386	36.4	0.00176	0.000919	0.00000486	0.00348	0.00161	0.0338	0.0094	0.00000517	14	0.000011	0.000596	0.000127
2050 Nov	147	0.0554	0.249	0.0056	26.7	0.0386	36.4	0.00176	0.000919	0.00000486	0.00348	0.00161	0.0338	0.0094	0.00000517	14	0.000011	0.000596	0.000127
2050 Dec	147	0.0554	0.249	0.0056	26.7	0.0386	36.4	0.00176	0.000919	0.00000486	0.00348	0.00161	0.0338	0.0094	0.00000517	14	0.000011	0.000596	0.000127
2051 Jan	147	0.0554	0.249	0.0056	26.7	0.0386	36.4	0.00176	0.000919	0.00000486	0.00348	0.00161	0.0338	0.0094	0.00000517	14	0.000011	0.000596	0.000127
2051 Feb	147	0.0554	0.249	0.0056	26.7	0.0386	36.4	0.00176	0.000919	0.00000486	0.00348	0.00161	0.0338	0.0094	0.00000517	14	0.000011	0.000596	0.000127
2051 Mar	147	0.0554	0.249	0.0056	26.7	0.0386	36.4	0.00176	0.000919	0.00000486	0.00348	0.00161	0.0338	0.0094	0.00000517	14	0.000011	0.000596	0.000127
2051 Apr	147	0.0554	0.249	0.0056	26.7	0.0386	36.4	0.00176	0.000919	0.00000486	0.00348	0.00161	0.0338	0.0094	0.00000517	14	0.000011	0.000596	0.000127
2051 May	148	0.0555	0.249	0.00561	26.8	0.0387	36.4	0.00176	0.00092	0.00000486	0.00348	0.00161	0.0338	0.00941	0.00000518	14	0.000011	0.000596	0.000127
2051 Jun	153	0.0596	0.27	0.00599	27.8	0.0401	39.4	0.00186	0.00092	0.00000488	0.00358	0.00176	0.0368	0.00965	0.00000523	14.9	0.0000116	0.000668	0.000132
2051 Jul	155	0.0613	0.278	0.00614	28.3	0.0407	40.6	0.0019	0.000922	0.0000049	0.00362	0.00182	0.0381	0.00975	0.00000526	15.3	0.0000119	0.000697	0.000134
2051 Aug	156	0.0613	0.278	0.00615	28.3	0.0407	40.6	0.0019	0.000922	0.0000049	0.00362	0.00182	0.0381	0.00976	0.00000526	15.3	0.0000119	0.000698	0.000134
2051 Sep	156	0.0619	0.281	0.0062	28.4	0.041	41	0.00191	0.000922	0.00000491	0.00363	0.00184	0.0385	0.00979	0.00000527	15.4	0.000012	0.000708	0.000135
2051 Oct	158	0.0635	0.289	0.00635	28.8	0.0416	42.3	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0398	0.00988	0.00000529	15.8	0.0000122	0.000739	0.000137
2051 Nov	159	0.0636	0.29	0.00636	28.8	0.0416	42.4	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0399	0.00989	0.00000529	15.8	0.0000122	0.000741	0.000137
2051 Dec	159	0.0636	0.29	0.00636	28.8	0.0416	42.4	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0399	0.00989	0.00000529	15.8	0.0000122	0.000741	0.000137
2052 Jan	159	0.0636	0.29	0.00636	28.8	0.0416	42.4	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0399	0.00989	0.00000529	15.8	0.0000122	0.000741	0.000137
2052 Feb	159	0.0636	0.29	0.00636	28.8	0.0416	42.4	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0399	0.00989	0.00000529	15.8	0.0000122	0.000741	0.000137
2052 Mar	159	0.0636	0.29	0.00636	28.8	0.0416	42.4	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0399	0.00989	0.00000529	15.8	0.0000122	0.000741	0.000137
2052 Apr	159	0.0636	0.29	0.00636	28.8	0.0416	42.4	0.00195	0.000922	0.00000492	0.00368	0.0019	0.0399	0.00989	0.00000529	15.8	0.0000122	0.000741	0.000137
2052 May	159	0.0637	0.29	0.00636	28.9	0.0416	42.4	0.00195	0.000922	0.00000492	0.00368	0.0019	0.04	0.0099	0.00000529	15.8	0.0000122	0.000742	0.000137
2052 Jun	160	0.0647	0.295	0.00645	29.1	0.0421	43.2	0.00197	0.000922	0.00000493	0.0037	0.00194	0.0408	0.00997	0.00000531	16	0.0000124	0.000762	0.000139
2052 Jul	161	0.065	0.296	0.00648	29.2	0.0422	43.4	0.00198	0.000923	0.00000493	0.00371	0.00195	0.041	0.00999	0.00000532	16.1	0.0000124	0.000766	0.000139
2052 Aug	161	0.065	0.297	0.00649	29.2	0.0422	43.4	0.00198	0.000924	0.00000494	0.00372	0.00195	0.041	0.01	0.00000532	16.1	0.0000124	0.000767	0.000139
2052 Sep	161	0.0652	0.298	0.0065	29.3	0.0423	43.6	0.00199	0.000924	0.00000494	0.00372	0.00196	0.0412	0.01	0.00000533	16.1	0.0000125	0.00077	0.000139
2052 Oct	161	0.0655	0.299	0.00653	29.3	0.0424	43.8	0.00199	0.000924	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000776	0.00014
2052 Nov	162	0.0655	0.299	0.00653	29.3	0.0424	43.8	0.00199	0.000925	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000776	0.00014
2052 Dec	162	0.0655	0.299	0.00653	29.3	0.0424	43.8	0.00199	0.000925	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000776	0.00014
2053 Jan	162	0.0655	0.299	0.00653	29.3	0.0424	43.8	0.00199	0.000925	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000776	0.00014
2053 Feb	162	0.0655	0.299	0.00653	29.3	0.0424	43.8	0.00199	0.000925	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000776	0.00014
2053 Mar	162	0.0655	0.299	0.00653	29.3	0.0424	43.8	0.00199	0.000925	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000776	0.00014
2053 Apr	162	0.0655	0.299	0.00653	29.4	0.0424	43.8	0.00199	0.000925	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000776	0.00014
2053 May	162	0.066	0.301	0.00657	29.5	0.0427	44.2	0.00201	0.000925	0.00000495	0.00374	0.00199	0.0419	0.0101	0.00000534	16.3	0.0000126	0.000786	0.000141
2053 Jun	167	0.0689	0.316	0.00684	30.2	0.044	46.6	0.00207	0.000925	0.00000497	0.00382	0.0021	0.0445	0.0103	0.00000539	17	0.0000131	0.00085	0.000145
2053 Jul	168	0.0695	0.319	0.0069	30.4	0.0443	47.2	0.00209	0.000926	0.00000498	0.00384	0.00212	0.0451	0.0103	0.0000054	17.2	0.0000132	0.000863	0.000146
2053 Aug	168	0.0696	0.319	0.00691	30.4	0.0444	47.3	0.00209	0.000928	0.00000499	0.00385	0.00213	0.0451	0.0104	0.00000541	17.2	0.0000132	0.000864	0.000146
2053 Sep	168	0.0697	0.32	0.00692	30.5	0.0444	47.3	0.00209	0.000929	0.000005	0.00385	0.00213	0.0452	0.0104	0.00000542	17.2	0.0000133	0.000866	0.000147
2053 Oct	168	0.0698	0.32	0.00692	30.5	0.0444	47.3	0.0021	0.00093	0.000005	0.00385	0.00213	0.0452	0.0104	0.00000542	17.2	0.0000133	0.000866	0.000147
2053 Nov	168	0.0698	0.32	0.00692	30.5	0.0444	47.3	0.0021	0.00093	0.000005	0.00385	0.00213	0.0452	0.0104	0.00000542	17.2	0.0000133	0.000866	0.000147
2053 Dec	168	0.0698	0.32	0.00692	30.5	0.0444	47.3	0.0021	0.00093	0.000005	0.00385	0.00213	0.0452	0.0104	0.00000542	17.2	0.0000133	0.000866	0.000147
2054 Jan	168	0.0698	0.32	0.00692	30.5	0.0444	47.3	0.0021	0.00093	0.000005	0.00385	0.00213	0.0452	0.0104	0.00000542	17.2	0.0000133	0.000866	0.000147
2054 Feb	168	0.0698	0.32	0.00692	30.5	0.0444	47.3	0.0021	0.00093	0.000005	0.00385	0.00213	0.0452	0.0104	0.00000542	17.2	0.0000133	0.000866	0.000147
2054 Mar	168	0.0698	0.32	0.00692	30.5	0.0444	47.3	0.0021	0.00093	0.000005	0.00385	0.00213	0.0452	0.0104	0.00000542	17.2	0.0000133	0.000866	0.000147
2054 Apr	168	0.0698	0.32	0.00692	30.5	0.0444	47.3	0.0021	0.00093	0.000005	0.00386	0.00213	0.0452	0.0104	0.00000542	17.2	0.0000133	0.000866	0.000147
2054 May	168	0.0698	0.32	0.00693	30.5	0.0445	47.4	0.0021	0.00093	0.000005	0.00386	0.00213	0.0452	0.0104	0.00000543	17.3	0.0000133	0.000866	0.000147
2054 Jun	170	0.071	0.326	0.00703	30.8	0.045	48.4	0.00212	0.000929	0.000005	0.00389	0.00218	0.0464	0.0105	0.00000544	17.6	0.0000135	0.000895	0.000149
2054 Jul	171	0.0717	0.33	0.0071	31	0.0454	49.2	0.00214	0.000929	0.00000501	0.00391	0.00221	0.0472	0.0105	0.00000546	17.8	0.0000136	0.000914	0.00015
2054 Aug	172	0.0719	0.33	0.00712	31	0.0455	49.3	0.00215	0.00093	0.00000502	0.00392	0.00222	0.0474	0.0106	0.00000546	17.8	0.0000137	0.000917	0.00015
2054 Sep	172	0.0721	0.331	0.00714	31.1	0.0456	49.5	0.00215	0.00093	0.00000502	0.00393	0.00223	0.0476	0.0106	0.00000547	17.9	0.0000137	0.000922	0.000151
2054 Oct	173	0.0724	0.333	0.00717	31.2	0.0458	49.8	0.00216	0.00093	0.00000502	0.00394	0.00224	0.048	0.0106	0.00000547	18	0.0000138	0.000932	0.000151
2054 Nov	173	0.0726	0.334	0.00718	31.2	0.0459	50	0.00216	0.00093	0.00000502	0.00394	0.00225	0.0481	0.0106	0.00000548	18	0.0000138	0.000935	0.000152
2054 Dec	173	0.0726	0.334	0.00719	31.2	0.0459	50	0.00216	0.00093	0.00000502	0.00394	0.00225	0.0481	0.0106	0.00000548	18	0.0000138	0.000936	0.000152
2055 Jan	173	0.0726	0.334	0.00719	31.2	0.0459	50	0.00216	0.00093	0.00000502	0.00394	0.00225	0.0482	0.0106	0.00000548	18	0.0000138	0.000936	0.000152
2055 Feb	173	0.0726	0.334	0.00719	31.2	0.0459	50	0.00216	0.00093	0.00000502	0.00394	0.00225	0.0482	0.0106	0.00000548	18	0.0000138	0.000936	0.000152
2055 Mar	173	0.0726	0.334	0.00719	31.2	0.0459	50	0.00217	0.00093	0.00000502	0.00394	0.00225	0.0482	0.0106	0.00000548	18	0.0000138	0.000936	0.000152
2055 Apr	173	0.0726	0.334	0.00719	31.2	0.0459	50	0.00217	0.00093	0.00000503	0.00394	0.00225	0.0482	0.0106	0.00000548	18	0.0000138	0.000936	0.000152
2055 May	173	0.0727	0.334	0.00719	31.2	0.046	50	0.00217	0.000931	0.00000503	0.00395	0.00225	0.0482	0.0106	0.00000548	18	0.0000138	0.000937	0.000152
2055 Jun	177	0.0752	0.347	0.00743	31.9	0.0474	52.6	0.00223	0.00093	0.00000505	0.00403	0.00236	0.051	0.0108	0.00000553	18.7	0.0000144	0.001	0.000156
2055 Jul	180	0.0766	0.354	0.00757	32.2	0.0482	54	0.00227	0.000931	0.00000507	0.00407	0.00243	0.0526	0.0109	0.00000556	19.1	0.0000147	0.00104	0.000159
2055 Aug	180	0.0767	0.354	0.00758	32.3	0.0483	54.1	0.00227	0.000933	0.00000508	0.00408	0.00243	0.0527	0.011	0.00000557	19.1	0.0000147	0.00104	0.000159
2055 Sep	180	0.0767	0.354	0.00758	32.3	0.0483	54.1	0.00227	0.000933	0.00000508	0.00408	0.00243	0.0527	0.011	0.00000557	19.1	0.0000147	0.00104	0.000159
2055 Oct	180	0.0768	0.354	0.00758	32.3	0.0483	54.1	0.00227	0.000933	0.00000508	0.00408	0.00243	0.0527	0.011	0.00000557	19.1	0.0000147	0.00104	0.000159
2055 Nov	180	0.0768	0.354	0.00758	32.3	0.0483	54.1	0.00227	0.000933	0.00000508	0.00408	0.00243	0.0527	0.011	0.00000557	19.2	0.0000147	0.00104	0.000159
2055 Dec	180	0.0768	0.354	0.00758	32.3	0.0483	54.1	0.00227	0.000933	0.00000508	0.00408	0.00243	0.0527	0.011	0.00000557	19.2	0.0000147	0.00104	0.000159
2056 Jan	180	0.0768	0.354	0.00758	32.3	0.0483	54.1	0.00227	0.000933	0.00000508	0.00408	0.00243	0.0527	0.011	0.00000557	19.2	0.0000147	0.00104	0.000159
2056 Feb	180	0.0768	0.354	0.00758	32.3	0.0483	54.1	0.00227	0.000933	0.00000508	0.00408	0.00243	0.0527	0.011	0.00000557	19.2	0.0000147	0.00104	0.000159

Appendix D.3-2: TIRI

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2056 Mar	180	0.0768	0.354	0.00758	32.3	0.0483	54.1	0.00227	0.000933	0.00000508	0.00408	0.00243	0.0527	0.011	0.00000557	19.2	0.0000147	0.00104	0.000159
2056 Apr	180	0.0768	0.355	0.00758	32.3	0.0483	54.1	0.00227	0.000933	0.00000508	0.00408	0.00243	0.0527	0.011	0.00000557	19.2	0.0000147	0.00104	0.000159
2056 May	181	0.0769	0.355	0.0076	32.3	0.0484	54.2	0.00228	0.000934	0.00000508	0.00409	0.00244	0.0529	0.011	0.00000558	19.2	0.0000147	0.00105	0.000159
2056 Jun	183	0.0785	0.363	0.00775	32.7	0.0493	55.9	0.00232	0.000933	0.00000509	0.00414	0.00251	0.0548	0.0112	0.0000056	19.7	0.0000151	0.00109	0.000163
2056 Jul	184	0.0788	0.364	0.00778	32.8	0.0495	56.2	0.00233	0.000935	0.0000051	0.00416	0.00253	0.0551	0.0112	0.00000562	19.8	0.0000152	0.0011	0.000163
2056 Aug	184	0.0789	0.364	0.00778	32.8	0.0495	56.3	0.00233	0.000936	0.00000511	0.00416	0.00253	0.0551	0.0112	0.00000562	19.8	0.0000152	0.0011	0.000164
2056 Sep	184	0.0789	0.365	0.00779	32.9	0.0496	56.3	0.00233	0.000937	0.00000511	0.00416	0.00253	0.0552	0.0112	0.00000563	19.8	0.0000152	0.0011	0.000164
2056 Oct	184	0.0789	0.365	0.00779	32.8	0.0496	56.3	0.00233	0.000936	0.00000511	0.00416	0.00253	0.0551	0.0112	0.00000563	19.8	0.0000152	0.0011	0.000164
2056 Nov	184	0.0789	0.365	0.00779	32.8	0.0496	56.3	0.00233	0.000936	0.00000511	0.00416	0.00253	0.0551	0.0112	0.00000563	19.8	0.0000152	0.0011	0.000164
2056 Dec	184	0.0789	0.365	0.00779	32.8	0.0496	56.3	0.00233	0.000936	0.00000511	0.00416	0.00253	0.0551	0.0112	0.00000563	19.8	0.0000152	0.0011	0.000164
2057 Jan	184	0.0789	0.365	0.00779	32.8	0.0496	56.3	0.00233	0.000936	0.00000511	0.00416	0.00253	0.0551	0.0112	0.00000563	19.8	0.0000152	0.0011	0.000164
2057 Feb	184	0.0789	0.365	0.00779	32.8	0.0496	56.3	0.00233	0.000936	0.00000511	0.00416	0.00253	0.0551	0.0112	0.00000563	19.8	0.0000152	0.0011	0.000164
2057 Mar	184	0.0789	0.365	0.00779	32.8	0.0496	56.3	0.00233	0.000936	0.00000511	0.00416	0.00253	0.0551	0.0112	0.00000563	19.8	0.0000152	0.0011	0.000164
2057 Apr	184	0.0789	0.365	0.00779	32.9	0.0496	56.3	0.00233	0.000936	0.00000511	0.00416	0.00253	0.0552	0.0112	0.00000563	19.8	0.0000152	0.0011	0.000164
2057 May	184	0.079	0.365	0.00779	32.9	0.0496	56.3	0.00233	0.000937	0.00000512	0.00417	0.00253	0.0552	0.0112	0.00000563	19.8	0.0000152	0.0011	0.000164
2057 Jun	188	0.0807	0.373	0.00797	33.3	0.0508	58.4	0.00238	0.000936	0.00000513	0.00423	0.00262	0.0575	0.0114	0.00000567	20.4	0.0000156	0.00116	0.000168
2057 Jul	189	0.0813	0.376	0.00803	33.4	0.0512	59.1	0.0024	0.000938	0.00000514	0.00425	0.00265	0.0582	0.0115	0.00000569	20.6	0.0000158	0.00118	0.000169
2057 Aug	189	0.0815	0.377	0.00805	33.5	0.0513	59.2	0.00241	0.00094	0.00000516	0.00427	0.00266	0.0584	0.0115	0.0000057	20.6	0.0000158	0.00118	0.000169
2057 Sep	190	0.0816	0.377	0.00805	33.6	0.0513	59.3	0.00241	0.000941	0.00000516	0.00427	0.00266	0.0584	0.0115	0.00000571	20.7	0.0000158	0.00118	0.00017
2057 Oct	190	0.0816	0.377	0.00805	33.5	0.0513	59.3	0.00241	0.000941	0.00000516	0.00427	0.00266	0.0584	0.0115	0.00000571	20.7	0.0000158	0.00118	0.00017
2057 Nov	190	0.0816	0.377	0.00805	33.5	0.0513	59.3	0.00241	0.000941	0.00000516	0.00427	0.00266	0.0584	0.0115	0.00000571	20.7	0.0000158	0.00118	0.00017
2057 Dec	190	0.0816	0.377	0.00805	33.5	0.0513	59.3	0.00241	0.000941	0.00000516	0.00427	0.00266	0.0584	0.0115	0.00000571	20.7	0.0000158	0.00118	0.00017
2058 Jan	190	0.0816	0.377	0.00805	33.5	0.0513	59.3	0.00241	0.000941	0.00000516	0.00427	0.00266	0.0584	0.0115	0.00000571	20.7	0.0000158	0.00118	0.00017
2058 Feb	190	0.0816	0.377	0.00805	33.5	0.0513	59.3	0.00241	0.000941	0.00000516	0.00427	0.00266	0.0584	0.0115	0.00000571	20.7	0.0000158	0.00118	0.00017
2058 Mar	190	0.0816	0.377	0.00805	33.5	0.0513	59.3	0.00241	0.000941	0.00000516	0.00427	0.00266	0.0584	0.0115	0.00000571	20.7	0.0000158	0.00118	0.00017
2058 Apr	190	0.0816	0.377	0.00805	33.6	0.0514	59.3	0.00241	0.000941	0.00000516	0.00427	0.00266	0.0584	0.0115	0.00000571	20.7	0.0000158	0.00118	0.00017
2058 May	190	0.0819	0.379	0.00809	33.6	0.0516	59.7	0.00242	0.000942	0.00000517	0.00429	0.00268	0.0589	0.0115	0.00000572	20.8	0.0000159	0.00119	0.00017
2058 Jun	196	0.0845	0.391	0.00834	34.2	0.0536	63.1	0.0025	0.00094	0.0000052	0.00439	0.00282	0.0628	0.0119	0.00000578	21.7	0.0000167	0.00129	0.000178
2058 Jul	197	0.085	0.393	0.0084	34.4	0.054	63.8	0.00251	0.000941	0.00000521	0.00442	0.00285	0.0636	0.0119	0.00000579	21.9	0.0000168	0.0013	0.000179
2058 Aug	197	0.0852	0.394	0.00841	34.4	0.0541	63.9	0.00252	0.000943	0.00000522	0.00442	0.00286	0.0637	0.012	0.0000058	22	0.0000168	0.00131	0.000179
2058 Sep	197	0.0852	0.394	0.00841	34.4	0.0541	63.9	0.00252	0.000943	0.00000522	0.00442	0.00286	0.0637	0.012	0.00000581	22	0.0000168	0.00131	0.000179
2058 Oct	197	0.0852	0.394	0.00841	34.4	0.0541	63.9	0.00252	0.000943	0.00000522	0.00442	0.00286	0.0637	0.012	0.0000058	22	0.0000168	0.00131	0.000179
2058 Nov	197	0.0852	0.394	0.00841	34.4	0.0541	63.9	0.00252	0.000943	0.00000522	0.00442	0.00286	0.0637	0.012	0.00000581	22	0.0000168	0.00131	0.000179
2058 Dec	197	0.0852	0.394	0.00841	34.4	0.0541	63.9	0.00252	0.000943	0.00000522	0.00442	0.00286	0.0637	0.012	0.00000581	22	0.0000168	0.00131	0.000179
2059 Jan	197	0.0852	0.394	0.00841	34.4	0.0541	63.9	0.00252	0.000943	0.00000522	0.00442	0.00286	0.0637	0.012	0.00000581	22	0.0000168	0.00131	0.000179
2059 Feb	197	0.0852	0.394	0.00841	34.4	0.0541	63.9	0.00252	0.000943	0.00000522	0.00442	0.00286	0.0637	0.012	0.00000581	22	0.0000168	0.00131	0.000179
2059 Mar	197	0.0852	0.394	0.00841	34.4	0.0541	63.9	0.00252	0.000943	0.00000522	0.00443	0.00286	0.0637	0.012	0.00000581	22	0.0000168	0.00131	0.000179
2059 Apr	197	0.0852	0.394	0.00841	34.4	0.0541	63.9	0.00252	0.000943	0.00000522	0.00443	0.00286	0.0637	0.012	0.00000581	22	0.0000168	0.00131	0.000179
2059 May	197	0.0853	0.394	0.00842	34.5	0.0541	64	0.00252	0.000944	0.00000522	0.00443	0.00286	0.0638	0.012	0.00000581	22	0.0000169	0.00131	0.00018
2059 Jun	199	0.0861	0.398	0.0085	34.7	0.0548	65.1	0.00255	0.000944	0.00000523	0.00447	0.00291	0.0651	0.0121	0.00000583	22.4	0.0000171	0.00134	0.000182
2059 Jul	200	0.0864	0.399	0.00853	34.8	0.055	65.4	0.00256	0.000946	0.00000525	0.00448	0.00292	0.0654	0.0121	0.00000585	22.4	0.0000172	0.00135	0.000183
2059 Aug	200	0.0866	0.4	0.00855	34.8	0.0551	65.5	0.00256	0.000948	0.00000526	0.00449	0.00293	0.0655	0.0122	0.00000586	22.5	0.0000172	0.00135	0.000183
2059 Sep	200	0.0866	0.4	0.00855	34.8	0.0552	65.5	0.00256	0.000949	0.00000526	0.00449	0.00293	0.0655	0.0122	0.00000587	22.5	0.0000172	0.00135	0.000183
2059 Oct	200	0.0865	0.4	0.00854	34.8	0.0551	65.4	0.00256	0.000947	0.00000525	0.00449	0.00292	0.0654	0.0122	0.00000586	22.4	0.0000172	0.00135	0.000183
2059 Nov	200	0.0865	0.4	0.00854	34.8	0.055	65.4	0.00256	0.000947	0.00000525	0.00449	0.00292	0.0654	0.0122	0.00000585	22.4	0.0000172	0.00135	0.000183
2059 Dec	200	0.0865	0.4	0.00854	34.8	0.055	65.4	0.00256	0.000947	0.00000525	0.00449	0.00292	0.0654	0.0122	0.00000585	22.4	0.0000172	0.00135	0.000183
2060 Jan	200	0.0865	0.4	0.00854	34.8	0.055	65.4	0.00256	0.000947	0.00000525	0.00449	0.00292	0.0654	0.0122	0.00000585	22.4	0.0000172	0.00135	0.000183
2060 Feb	200	0.0865	0.4	0.00854	34.8	0.055	65.4	0.00256	0.000947	0.00000525	0.00449	0.00292	0.0654	0.0122	0.00000585	22.4	0.0000172	0.00135	0.000183
2060 Mar	200	0.0865	0.4	0.00854	34.8	0.055	65.4	0.00256	0.000947	0.00000525	0.00449	0.00292	0.0654	0.0122	0.00000586	22.4	0.0000172	0.00135	0.000183
2060 Apr	200	0.0865	0.4	0.00854	34.8	0.0551	65.4	0.00256	0.000947	0.00000525	0.00449	0.00292	0.0654	0.0122	0.00000586	22.4	0.0000172	0.00135	0.000183
2060 May	200	0.0866	0.4	0.00855	34.8	0.0552	65.6	0.00256	0.000948	0.00000526	0.00449	0.00293	0.0656	0.0122	0.00000586	22.5	0.0000172	0.00135	0.000183
2060 Jun	204	0.0881	0.407	0.0087	35.1	0.0565	67.8	0.00261	0.000947	0.00000528	0.00457	0.00303	0.0682	0.0124	0.0000059	23.1	0.0000177	0.00141	0.000188
2060 Jul	205	0.0885	0.409	0.00874	35.3	0.0568	68.3	0.00263	0.00095	0.00000529	0.00459	0.00304	0.0687	0.0125	0.00000592	23.3	0.0000178	0.00143	0.000189
2060 Aug	205	0.0886	0.409	0.00875	35.3	0.0569	68.4	0.00263	0.000951	0.0000053	0.00459	0.00305	0.0688	0.0125	0.00000593	23.3	0.0000178	0.00143	0.000189
2060 Sep	206	0.0889	0.41	0.00879	35.3	0.0572	68.9	0.00264	0.00095	0.0000053	0.00461	0.00307	0.0695	0.0125	0.00000594	23.5	0.000018	0.00144	0.00019
2060 Oct	207	0.0891	0.411	0.00881	35.4	0.0575	69.4	0.00265	0.00095	0.00000531	0.00462	0.00309	0.0699	0.0126	0.00000595	23.6	0.000018	0.00146	0.000191
2060 Nov	207	0.0892	0.412	0.00882	35.4	0.0575	69.5	0.00265	0.00095	0.00000531	0.00462	0.0031	0.0701	0.0126	0.00000595	23.6	0.0000181	0.00146	0.000192
2060 Dec	207	0.0892	0.412	0.00883	35.4	0.0576	69.6	0.00266	0.00095	0.00000531	0.00463	0.0031	0.0701	0.0126	0.00000595	23.6	0.0000181	0.00146	0.000192
2061 Jan	207	0.0892	0.412	0.00883	35.4	0.0576	69.6	0.00266	0.00095	0.00000531	0.00463	0.0031	0.0702	0.0126	0.00000595	23.6	0.0000181	0.00146	0.000192
2061 Feb	207	0.0892	0.412	0.00883	35.4	0.0576	69.6	0.00266	0.00095	0.00000531	0.00463	0.0031	0.0702	0.0126	0.00000595	23.6	0.0000181	0.00146	0.000192
2061 Mar	207	0.0892	0.412	0.00883	35.4	0.0576	69.6	0.00266	0.00095	0.00000531	0.00463	0.0031	0.0702	0.0126	0.00000595	23.6	0.0000181	0.00146	0.000192
2061 Apr	207	0.0893	0.412	0.00883	35.4	0.0576	69.6	0.00266	0.00095	0.00000531	0.00463	0.0031	0.0702	0.0126	0.00000595	23.6	0.0000181	0.00146	0.000192
2061 May	208	0.0898	0.414	0.00888	35.5	0.0581	70.4	0.00267	0.000951	0.00000532	0.00465	0.00313	0.0711	0.0127	0.00000597	23.9	0.0000183	0.00148	0.000193
2061 Jun	213	0.0915	0.422	0.00907	35.9	0.0599	73.6	0.00274	0.000949	0.00000534	0.00475	0.00327	0.0748	0.013	0.00000602	24.8	0.0000189	0.00157	0.0002
2061 Jul	214	0.0919	0.423	0.00911	36	0.0602	74	0.00275	0.000951	0.00000536	0.00477	0.00328	0.0752	0.013	0.00000604	24.9	0.000019	0.00158	0.000201
2061 Aug	214	0.0921	0.424	0.00913	36.1	0.0603	74.1	0.00276	0.000953	0.00000537	0.00478	0.00329	0.0754	0.0131	0.00000606	24.9	0.0000191	0.00159	0.000201
2061 Sep	214	0.0921	0.425	0.00913	36.1	0.0604	74.2	0.00276	0.000954	0.00000537	0.00478	0.00329	0.0754	0.0131	0.00000606	25	0.0000191	0.00159	0.000202
2061 Oct	214	0.092	0.424	0.00912	36.1	0.0603	74.1	0.00276	0.000953	0.00000537	0.00478	0.00329	0.0753	0.0131	0.00000605	24.9	0.0000191	0.00158	0.000201
2061 Nov	214	0.092	0.424	0.00912	36.1	0.0603	74	0.00276	0.000953	0.00000537	0.00478	0.00329	0.0753	0.0131	0.00000605	24.9	0.0000191	0.00158	0.000201
2061 Dec	214	0.092	0.424	0.00912	36.1	0.0603	74	0.00276	0.000953	0.00000537	0.00478	0.00329	0.0753	0.0131	0.00000605	24.9	0.0000191	0.00158	0.000201
2062 Jan	214	0.092	0.424	0.00912	36.1	0.0603	74	0.00276	0.000953	0.00000537	0.00478	0.00329	0.0753	0.0131	0.00000605	24.9	0.0000191	0.00158	0.000201
2062 Feb	214	0.092	0.424	0.00912	36.1	0.0603	74	0.00276	0.000953	0.00000537	0.00478	0.00329	0.0753	0.0131	0.00000605	24.9	0.0000191	0.00158	0.000201
2062 Mar	214	0.092	0.424	0.00912	36.1	0.0603	74	0.00276	0.000953	0.00000537	0.00478	0.00329	0.0753	0.0131	0.00000605	24.9	0.0000191	0.00158	0.000201
2062 Apr	214	0.092	0.424	0.00912	36.1	0.0603	74.1	0.00276	0.000953	0.00000537	0.00478	0.00329	0.0753	0.0131	0.00000605	24.9	0.0000191	0.00158	0.000201
2062 May	214	0.0921	0.424	0.00913	36.1	0.0603	74.1	0.00276	0.000953	0.00000537	0.00478	0.00329	0.0754	0.0131	0.00000606	24.9	0.0000191	0.00159	0.000201
2062 Jun	217	0.0931	0.428	0.00924	36.3	0.0616	76.2	0.0028	0.000953	0.00000539	0.00485	0.00337	0.0778	0.0133	0.00000609	25.5	0.0000195	0.00164	0.000205
2062 Jul	220	0.0939	0.432	0.00934	36.4	0.0625	77.7	0.00284	0.000953	0.00000541	0.0049	0.00344	0.0796	0.0134	0.00000613	25.9	0.0000199	0.00169	0.000209

Appendix D.3-2: TIRI

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2062 Aug	220	0.094	0.432	0.00934	36.5	0.0626	77.8	0.00284	0.000954	0.00000541	0.0049	0.00344	0.0797	0.0134	0.00000613	26	0.0000199	0.00169	0.000209
2062 Sep	221	0.0942	0.433	0.00937	36.5	0.0629	78.4	0.00285	0.000954	0.00000542	0.00492	0.00347	0.0804	0.0135	0.00000614	26.1	0.00002	0.00171	0.00021
2062 Oct	224	0.0952	0.437	0.00949	36.7	0.0643	80.7	0.0029	0.000952	0.00000543	0.00499	0.00356	0.0831	0.0137	0.00000618	26.7	0.0000205	0.00177	0.000214
2062 Nov	224	0.0952	0.437	0.00949	36.7	0.0644	80.8	0.0029	0.000952	0.00000543	0.00499	0.00356	0.0832	0.0137	0.00000618	26.8	0.0000205	0.00177	0.000214
2062 Dec	224	0.0952	0.437	0.00949	36.7	0.0644	80.8	0.0029	0.000952	0.00000543	0.00499	0.00356	0.0832	0.0137	0.00000618	26.8	0.0000205	0.00177	0.000214
2063 Jan	224	0.0952	0.437	0.00949	36.7	0.0644	80.8	0.0029	0.000952	0.00000543	0.00499	0.00356	0.0832	0.0137	0.00000618	26.8	0.0000205	0.00177	0.000214
2063 Feb	224	0.0953	0.437	0.00949	36.7	0.0644	80.8	0.0029	0.000952	0.00000543	0.00499	0.00356	0.0832	0.0137	0.00000618	26.8	0.0000205	0.00177	0.000214
2063 Mar	224	0.0953	0.437	0.00949	36.7	0.0644	80.8	0.0029	0.000952	0.00000543	0.00499	0.00356	0.0832	0.0137	0.00000618	26.8	0.0000205	0.00177	0.000214
2063 Apr	224	0.0953	0.437	0.0095	36.7	0.0644	80.8	0.0029	0.000952	0.00000543	0.00499	0.00356	0.0832	0.0137	0.00000618	26.8	0.0000205	0.00177	0.000214
2063 May	224	0.0954	0.438	0.00951	36.7	0.0645	81	0.00291	0.000952	0.00000543	0.005	0.00357	0.0835	0.0137	0.00000619	26.8	0.0000206	0.00178	0.000215
2063 Jun	229	0.0968	0.443	0.00968	36.9	0.0667	84.6	0.00298	0.000948	0.00000545	0.00511	0.00372	0.0878	0.014	0.00000624	27.8	0.0000214	0.00189	0.000222
2063 Jul	230	0.0971	0.444	0.00972	36.9	0.0671	85.4	0.00299	0.000948	0.00000546	0.00514	0.00375	0.0886	0.0141	0.00000625	28.1	0.0000215	0.00191	0.000224
2063 Aug	231	0.0973	0.445	0.00974	37	0.0673	85.6	0.003	0.00095	0.00000547	0.00515	0.00376	0.0888	0.0142	0.00000627	28.1	0.0000216	0.00191	0.000224
2063 Sep	231	0.0974	0.445	0.00974	37	0.0673	85.6	0.003	0.000951	0.00000547	0.00515	0.00376	0.0889	0.0142	0.00000627	28.1	0.0000216	0.00191	0.000224
2063 Oct	231	0.0974	0.446	0.00975	37	0.0675	85.9	0.00301	0.00095	0.00000547	0.00516	0.00377	0.0892	0.0142	0.00000627	28.2	0.0000216	0.00192	0.000225
2063 Nov	231	0.0975	0.446	0.00976	37	0.0675	86	0.00301	0.00095	0.00000548	0.00516	0.00378	0.0893	0.0142	0.00000627	28.2	0.0000217	0.00192	0.000225
2063 Dec	231	0.0975	0.446	0.00976	37	0.0675	86	0.00301	0.00095	0.00000548	0.00516	0.00378	0.0893	0.0142	0.00000627	28.2	0.0000217	0.00192	0.000225
2064 Jan	231	0.0975	0.446	0.00976	37	0.0675	86	0.00301	0.00095	0.00000548	0.00516	0.00378	0.0893	0.0142	0.00000627	28.2	0.0000217	0.00192	0.000225
2064 Feb	231	0.0975	0.446	0.00976	37	0.0675	86	0.00301	0.00095	0.00000548	0.00516	0.00378	0.0893	0.0142	0.00000627	28.2	0.0000217	0.00192	0.000225
2064 Mar	231	0.0975	0.446	0.00976	37	0.0675	86	0.00301	0.00095	0.00000548	0.00516	0.00378	0.0893	0.0142	0.00000628	28.2	0.0000217	0.00192	0.000225
2064 Apr	231	0.0975	0.446	0.00976	37	0.0675	86	0.00301	0.00095	0.00000548	0.00516	0.00378	0.0894	0.0142	0.00000628	28.2	0.0000217	0.00192	0.000225
2064 May	232	0.0977	0.447	0.00979	37.1	0.0679	86.6	0.00302	0.00095	0.00000548	0.00518	0.0038	0.0901	0.0143	0.00000629	28.4	0.0000218	0.00194	0.000227
2064 Jun	236	0.0985	0.449	0.00989	37.1	0.0696	89.3	0.00307	0.000947	0.0000055	0.00527	0.00391	0.0934	0.0145	0.00000633	29.2	0.0000224	0.00202	0.000233
2064 Jul	236	0.0987	0.45	0.00991	37.2	0.0697	89.6	0.00308	0.000949	0.00000551	0.00528	0.00392	0.0936	0.0146	0.00000634	29.3	0.0000225	0.00203	0.000233
2064 Aug	236	0.0988	0.45	0.00992	37.2	0.0698	89.7	0.00308	0.000949	0.00000551	0.00528	0.00393	0.0937	0.0146	0.00000634	29.3	0.0000225	0.00203	0.000233
2064 Sep	237	0.0989	0.45	0.00993	37.2	0.07	90	0.00309	0.000949	0.00000551	0.00529	0.00394	0.0941	0.0146	0.00000635	29.4	0.0000225	0.00204	0.000234
2064 Oct	237	0.099	0.451	0.00994	37.2	0.0701	90.1	0.00309	0.000949	0.00000551	0.0053	0.00395	0.0943	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234
2064 Nov	237	0.099	0.451	0.00994	37.2	0.0701	90.1	0.00309	0.000949	0.00000551	0.0053	0.00395	0.0943	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234
2064 Dec	237	0.099	0.451	0.00994	37.2	0.0701	90.1	0.00309	0.000949	0.00000551	0.0053	0.00395	0.0943	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234
2065 Jan	237	0.099	0.451	0.00994	37.2	0.0701	90.1	0.00309	0.000949	0.00000551	0.0053	0.00395	0.0943	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234
2065 Feb	237	0.099	0.451	0.00994	37.2	0.0701	90.1	0.00309	0.000949	0.00000551	0.0053	0.00395	0.0943	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234
2065 Mar	237	0.099	0.451	0.00994	37.2	0.0701	90.1	0.00309	0.000949	0.00000552	0.0053	0.00395	0.0943	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234
2065 Apr	237	0.099	0.451	0.00994	37.2	0.0701	90.2	0.00309	0.000949	0.00000552	0.0053	0.00395	0.0943	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000235
2065 May	237	0.0991	0.451	0.00995	37.3	0.0702	90.3	0.0031	0.00095	0.00000552	0.0053	0.00395	0.0944	0.0147	0.00000636	29.5	0.0000226	0.00205	0.000235
2065 Jun	240	0.0994	0.452	0.01	37.2	0.0713	92	0.00313	0.000947	0.00000553	0.00536	0.00402	0.0966	0.0148	0.00000638	29.9	0.000023	0.0021	0.000239
2065 Jul	241	0.0998	0.453	0.01	37.3	0.0717	92.6	0.00314	0.00095	0.00000554	0.00538	0.00404	0.0973	0.0149	0.00000641	30.1	0.0000231	0.00212	0.00024
2065 Aug	241	0.1	0.454	0.0101	37.4	0.0718	92.8	0.00315	0.000952	0.00000555	0.00539	0.00405	0.0975	0.0149	0.00000642	30.2	0.0000232	0.00212	0.00024
2065 Sep	241	0.0999	0.454	0.0101	37.4	0.0718	92.8	0.00315	0.000951	0.00000555	0.00539	0.00405	0.0975	0.0149	0.00000641	30.2	0.0000232	0.00212	0.00024
2065 Oct	242	0.1	0.454	0.0101	37.3	0.0725	93.9	0.00317	0.000948	0.00000555	0.00542	0.0041	0.0988	0.015	0.00000643	30.5	0.0000234	0.00215	0.000242
2065 Nov	242	0.1	0.454	0.0101	37.3	0.0726	94.1	0.00317	0.000948	0.00000555	0.00543	0.0041	0.0991	0.015	0.00000643	30.5	0.0000235	0.00216	0.000243
2065 Dec	242	0.1	0.454	0.0101	37.3	0.0726	94.1	0.00317	0.000948	0.00000555	0.00543	0.0041	0.0991	0.015	0.00000643	30.5	0.0000235	0.00216	0.000243
2066 Jan	243	0.1	0.454	0.0101	37.3	0.0726	94.1	0.00317	0.000948	0.00000555	0.00543	0.0041	0.0991	0.015	0.00000643	30.5	0.0000235	0.00216	0.000243
2066 Feb	243	0.1	0.454	0.0101	37.3	0.0726	94.1	0.00317	0.000948	0.00000555	0.00543	0.0041	0.0991	0.015	0.00000643	30.5	0.0000235	0.00216	0.000243
2066 Mar	243	0.1	0.454	0.0101	37.3	0.0726	94.1	0.00317	0.000948	0.00000555	0.00543	0.0041	0.0991	0.015	0.00000643	30.5	0.0000235	0.00216	0.000243
2066 Apr	243	0.1	0.454	0.0101	37.4	0.0726	94.1	0.00317	0.000949	0.00000555	0.00543	0.00411	0.0991	0.015	0.00000643	30.5	0.0000235	0.00216	0.000243
2066 May	243	0.1	0.454	0.0101	37.4	0.0727	94.2	0.00317	0.000949	0.00000556	0.00543	0.00411	0.0992	0.0151	0.00000643	30.5	0.0000235	0.00216	0.000243
2066 Jun	245	0.101	0.454	0.0102	37.3	0.0741	96.5	0.00321	0.000946	0.00000557	0.0055	0.0042	0.102	0.0153	0.00000647	31.2	0.000024	0.00223	0.000248
2066 Jul	247	0.101	0.456	0.0102	37.4	0.0746	97.2	0.00323	0.000948	0.00000559	0.00553	0.00423	0.103	0.0154	0.00000649	31.4	0.0000242	0.00225	0.000249
2066 Aug	247	0.101	0.457	0.0102	37.5	0.0747	97.4	0.00324	0.00095	0.0000056	0.00555	0.00424	0.103	0.0154	0.0000065	31.5	0.0000242	0.00225	0.00025
2066 Sep	247	0.101	0.457	0.0102	37.5	0.0747	97.5	0.00324	0.00095	0.0000056	0.00555	0.00424	0.103	0.0154	0.00000651	31.5	0.0000242	0.00226	0.00025
2066 Oct	247	0.101	0.456	0.0102	37.4	0.0747	97.4	0.00324	0.00095	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025
2066 Nov	247	0.101	0.456	0.0102	37.4	0.0747	97.4	0.00324	0.000949	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025
2066 Dec	247	0.101	0.456	0.0102	37.4	0.0747	97.4	0.00324	0.00095	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025
2067 Jan	247	0.101	0.456	0.0102	37.4	0.0747	97.4	0.00324	0.00095	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025
2067 Feb	247	0.101	0.456	0.0102	37.4	0.0747	97.4	0.00324	0.00095	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025
2067 Mar	247	0.101	0.456	0.0102	37.4	0.0747	97.4	0.00324	0.00095	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025
2067 Apr	247	0.101	0.456	0.0102	37.4	0.0747	97.4	0.00324	0.00095	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025
2067 May	247	0.101	0.457	0.0102	37.5	0.0747	97.4	0.00324	0.00095	0.0000056	0.00555	0.00424	0.103	0.0154	0.00000651	31.5	0.0000242	0.00225	0.00025
2067 Jun	248	0.101	0.456	0.0103	37.4	0.0754	98.5	0.00326	0.000949	0.0000056	0.00558	0.00428	0.104	0.0155	0.00000652	31.7	0.0000245	0.00229	0.000252
2067 Jul	249	0.101	0.458	0.0103	37.5	0.0756	98.8	0.00327	0.000951	0.00000562	0.0056	0.00429	0.105	0.0155	0.00000654	31.9	0.0000245	0.0023	0.000253
2067 Aug	249	0.102	0.458	0.0103	37.5	0.0757	98.9	0.00327	0.000952	0.00000562	0.0056	0.0043	0.105	0.0156	0.00000654	31.9	0.0000246	0.0023	0.000253
2067 Sep	250	0.102	0.458	0.0103	37.6	0.0758	99	0.00327	0.000953	0.00000563	0.00561	0.0043	0.105	0.0156	0.00000655	31.9	0.0000246	0.0023	0.000253
2067 Oct	249	0.102	0.458	0.0103	37.5	0.0757	99	0.00327	0.000952	0.00000562	0.0056	0.0043	0.105	0.0156	0.00000654	31.9	0.0000246	0.0023	0.000253
2067 Nov	250	0.102	0.458	0.0103	37.5	0.0758	99.1	0.00327	0.000952	0.00000562	0.00561	0.00431	0.105	0.0156	0.00000655	31.9	0.0000246	0.0023	0.000254
2067 Dec	250	0.102	0.458	0.0103	37.5	0.0758	99.1	0.00327	0.000952	0.00000562	0.00561	0.00431	0.105	0.0156	0.00000655	31.9	0.0000246	0.0023	0.000254
2068 Jan	250	0.102	0.458	0.0103	37.5	0.0758	99.1	0.00327	0.000952	0.00000562	0.00561	0.00431	0.105	0.0156	0.00000655	31.9	0.0000246	0.0023	0.000254
2068 Feb	250	0.102	0.458	0.0103	37.5	0.0758	99.1	0.00327	0.000952	0.00000562	0.00561	0.00431	0.105	0.0156	0.00000655	31.9	0.0000246	0.0023	0.000254
2068 Mar	250	0.102	0.458	0.0103	37.5	0.0758	99.1	0.00327	0.000952	0.00000562	0.00561	0.00431	0.105	0.0156	0.00000655	31.9	0.0000246	0.0023	0.000254
2068 Apr	250	0.102	0.458	0.0103	37.5	0.0759	99.2	0.00327	0.000952	0.00000563	0.00561	0.00431	0.105	0.0156	0.00000655	32	0.0000246	0.0023	0.000254
2068 May	250	0.102	0.458	0.0103	37.6	0.0761	99.5	0.00328	0.000952	0.00000563	0.00562	0.00432	0.105	0.0156	0.00000656	32	0.0000247	0.00231	0.000255
2068 Jun	254	0.102	0.457	0.0104	37.4	0.078	103	0.00334	0.000948	0.00000564	0.00572	0.00445	0.109	0.0159	0.0000066	33	0.0000254	0.00241	0.000261
2068 Jul	255	0.102	0.457	0.0104	37.4	0.0782	103	0.00335	0.000949	0.00000565	0.00573	0.00447	0.11	0.016	0.00000661	33.1	0.0000255	0.00242	0.000262
2068 Aug	255	0.102	0.458	0.0104	37.5	0.0784	103	0.00336	0.000951	0.00000566	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263
2068 Sep	255	0.102	0.458	0.0104	37.5	0.0784	103	0.00336	0.000952	0.00000567	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263
2068 Oct	255	0.102	0.458	0.0104	37.5	0.0784	103	0.00336	0.000952	0.00000567	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263
2068 Nov	255	0.102	0.459	0.0104	37.5	0.0784	103	0.00336	0.000952	0.00000567	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263
2068 Dec	255	0.102	0.459	0.0104	37.5	0.0784	103	0.00336	0.000952	0.00000567	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263

Appendix D.3-2: TIRI

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2069 Jan	255	0.102	0.459	0.0104	37.5	0.0784	103	0.00336	0.000952	0.00000567	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263
2069 Feb	255	0.102	0.459	0.0104	37.5	0.0784	103	0.00336	0.000952	0.00000567	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263
2069 Mar	255	0.102	0.459	0.0104	37.5	0.0784	103	0.00336	0.000952	0.00000567	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263
2069 Apr	255	0.102	0.459	0.0104	37.5	0.0784	103	0.00336	0.000952	0.00000567	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263
2069 May	255	0.102	0.459	0.0105	37.5	0.0785	103	0.00336	0.000953	0.00000567	0.00575	0.00448	0.11	0.016	0.00000664	33.2	0.0000256	0.00243	0.000263
2069 Jun	257	0.102	0.458	0.0105	37.4	0.0793	105	0.00339	0.000951	0.00000568	0.0058	0.00454	0.112	0.0162	0.00000666	33.5	0.0000259	0.00247	0.000266
2069 Jul	258	0.103	0.459	0.0105	37.5	0.0798	105	0.00341	0.000953	0.00000569	0.00582	0.00457	0.113	0.0162	0.00000668	33.7	0.000026	0.00248	0.000267
2069 Aug	258	0.103	0.46	0.0105	37.5	0.0799	106	0.00341	0.000954	0.0000057	0.00583	0.00457	0.113	0.0163	0.00000669	33.8	0.0000261	0.00249	0.000268
2069 Sep	259	0.103	0.459	0.0105	37.5	0.08	106	0.00342	0.000953	0.0000057	0.00584	0.00458	0.113	0.0163	0.00000669	33.9	0.0000261	0.0025	0.000268
2069 Oct	260	0.103	0.458	0.0106	37.4	0.0806	107	0.00344	0.000952	0.0000057	0.00586	0.00462	0.114	0.0164	0.0000067	34.1	0.0000263	0.00252	0.00027
2069 Nov	260	0.103	0.458	0.0106	37.4	0.0807	107	0.00344	0.000952	0.0000057	0.00587	0.00463	0.114	0.0164	0.0000067	34.2	0.0000263	0.00253	0.00027
2069 Dec	260	0.103	0.458	0.0106	37.4	0.0807	107	0.00344	0.000952	0.0000057	0.00587	0.00463	0.114	0.0164	0.0000067	34.2	0.0000263	0.00253	0.00027
2070 Jan	260	0.103	0.458	0.0106	37.4	0.0807	107	0.00344	0.000952	0.0000057	0.00587	0.00463	0.114	0.0164	0.0000067	34.2	0.0000263	0.00253	0.00027
2070 Feb	260	0.103	0.458	0.0106	37.4	0.0807	107	0.00344	0.000952	0.0000057	0.00587	0.00463	0.114	0.0164	0.0000067	34.2	0.0000263	0.00253	0.00027
2070 Mar	260	0.103	0.458	0.0106	37.4	0.0807	107	0.00344	0.000952	0.0000057	0.00587	0.00463	0.114	0.0164	0.0000067	34.2	0.0000263	0.00253	0.00027
2070 Apr	260	0.103	0.458	0.0106	37.4	0.0807	107	0.00344	0.000952	0.00000571	0.00587	0.00463	0.114	0.0164	0.0000067	34.2	0.0000263	0.00253	0.00027
2070 May	260	0.103	0.458	0.0106	37.4	0.0809	107	0.00345	0.000952	0.00000571	0.00588	0.00464	0.115	0.0164	0.00000671	34.2	0.0000264	0.00254	0.000271
2070 Jun	262	0.103	0.457	0.0106	37.3	0.0817	109	0.00347	0.000951	0.00000572	0.00592	0.0047	0.116	0.0165	0.00000673	34.6	0.0000267	0.00257	0.000274
2070 Jul	263	0.103	0.458	0.0106	37.4	0.0819	109	0.00348	0.000953	0.00000573	0.00593	0.00471	0.117	0.0166	0.00000675	34.7	0.0000268	0.00258	0.000274
2070 Aug	263	0.103	0.459	0.0106	37.4	0.082	109	0.00349	0.000954	0.00000574	0.00594	0.00471	0.117	0.0166	0.00000676	34.8	0.0000268	0.00258	0.000275
2070 Sep	263	0.103	0.458	0.0106	37.4	0.082	109	0.00349	0.000954	0.00000574	0.00594	0.00472	0.117	0.0166	0.00000676	34.8	0.0000268	0.00259	0.000275
2070 Oct	263	0.103	0.458	0.0106	37.4	0.0823	110	0.0035	0.000953	0.00000574	0.00596	0.00474	0.117	0.0166	0.00000676	34.9	0.0000269	0.0026	0.000276
2070 Nov	263	0.103	0.458	0.0107	37.4	0.0823	110	0.0035	0.000953	0.00000574	0.00596	0.00474	0.117	0.0167	0.00000676	34.9	0.0000269	0.0026	0.000276
2070 Dec	264	0.103	0.458	0.0107	37.4	0.0823	110	0.0035	0.000953	0.00000574	0.00596	0.00474	0.117	0.0167	0.00000676	34.9	0.0000269	0.0026	0.000276
2071 Jan	264	0.103	0.458	0.0107	37.4	0.0823	110	0.0035	0.000953	0.00000574	0.00596	0.00474	0.117	0.0167	0.00000676	34.9	0.0000269	0.0026	0.000276
2071 Feb	264	0.103	0.458	0.0107	37.4	0.0823	110	0.0035	0.000953	0.00000574	0.00596	0.00474	0.117	0.0167	0.00000676	34.9	0.0000269	0.0026	0.000276
2071 Mar	264	0.103	0.458	0.0107	37.4	0.0823	110	0.0035	0.000953	0.00000574	0.00596	0.00474	0.117	0.0167	0.00000676	34.9	0.0000269	0.0026	0.000276
2071 Apr	264	0.103	0.458	0.0107	37.4	0.0823	110	0.0035	0.000953	0.00000574	0.00596	0.00474	0.117	0.0167	0.00000676	34.9	0.0000269	0.0026	0.000276
2071 May	264	0.103	0.458	0.0107	37.4	0.0825	110	0.0035	0.000953	0.00000574	0.00597	0.00475	0.118	0.0167	0.00000677	35	0.000027	0.00261	0.000276
2071 Jun	266	0.103	0.456	0.0107	37.2	0.0835	112	0.00354	0.000951	0.00000575	0.00602	0.00482	0.12	0.0168	0.00000679	35.5	0.0000273	0.00266	0.00028
2071 Jul	266	0.103	0.456	0.0107	37.2	0.0838	112	0.00355	0.000952	0.00000576	0.00603	0.00484	0.12	0.0169	0.00000681	35.6	0.0000274	0.00267	0.000281
2071 Aug	267	0.103	0.457	0.0107	37.3	0.0839	112	0.00356	0.000954	0.00000577	0.00605	0.00485	0.12	0.0169	0.00000682	35.7	0.0000275	0.00268	0.000282
2071 Sep	267	0.103	0.457	0.0107	37.3	0.0839	112	0.00356	0.000953	0.00000576	0.00604	0.00485	0.12	0.0169	0.00000681	35.7	0.0000275	0.00267	0.000281
2071 Oct	267	0.103	0.456	0.0107	37.2	0.0841	113	0.00356	0.000953	0.00000576	0.00605	0.00486	0.121	0.0169	0.00000682	35.7	0.0000275	0.00268	0.000282
2071 Nov	267	0.103	0.456	0.0107	37.2	0.0841	113	0.00357	0.000953	0.00000576	0.00605	0.00487	0.121	0.017	0.00000682	35.8	0.0000276	0.00269	0.000282
2071 Dec	267	0.103	0.456	0.0107	37.2	0.0841	113	0.00357	0.000953	0.00000577	0.00605	0.00487	0.121	0.017	0.00000682	35.8	0.0000276	0.00269	0.000282
2072 Jan	267	0.103	0.456	0.0107	37.2	0.0841	113	0.00357	0.000953	0.00000577	0.00605	0.00487	0.121	0.017	0.00000682	35.8	0.0000276	0.00269	0.000282
2072 Feb	267	0.103	0.456	0.0107	37.2	0.0841	113	0.00357	0.000953	0.00000577	0.00606	0.00487	0.121	0.017	0.00000682	35.8	0.0000276	0.00269	0.000282
2072 Mar	267	0.103	0.456	0.0107	37.2	0.0841	113	0.00357	0.000953	0.00000577	0.00606	0.00487	0.121	0.017	0.00000682	35.8	0.0000276	0.00269	0.000282
2072 Apr	267	0.103	0.456	0.0107	37.2	0.0842	113	0.00357	0.000953	0.00000577	0.00606	0.00487	0.121	0.017	0.00000682	35.8	0.0000276	0.00269	0.000282
2072 May	268	0.103	0.457	0.0107	37.3	0.0842	113	0.00357	0.000953	0.00000577	0.00606	0.00487	0.121	0.017	0.00000683	35.8	0.0000276	0.00269	0.000282
2072 Jun	268	0.103	0.456	0.0108	37.2	0.0847	114	0.00359	0.000953	0.00000578	0.00609	0.00491	0.122	0.017	0.00000684	36	0.0000278	0.00271	0.000284
2072 Jul	269	0.104	0.456	0.0108	37.2	0.085	114	0.0036	0.000954	0.00000578	0.0061	0.00492	0.122	0.0171	0.00000685	36.2	0.0000279	0.00272	0.000285
2072 Aug	270	0.104	0.456	0.0108	37.2	0.0854	115	0.00362	0.000954	0.00000579	0.00613	0.00496	0.123	0.0172	0.00000687	36.4	0.000028	0.00274	0.000286
2072 Sep	271	0.104	0.455	0.0108	37.1	0.0858	116	0.00364	0.000954	0.0000058	0.00615	0.00499	0.124	0.0172	0.00000688	36.6	0.0000281	0.00276	0.000287
2072 Oct	272	0.103	0.454	0.0108	37	0.0862	116	0.00365	0.000953	0.0000058	0.00616	0.00501	0.125	0.0173	0.00000689	36.7	0.0000283	0.00278	0.000289
2072 Nov	272	0.103	0.454	0.0108	37	0.0862	116	0.00365	0.000953	0.0000058	0.00617	0.00502	0.125	0.0173	0.00000689	36.8	0.0000283	0.00278	0.000289
2072 Dec	272	0.103	0.454	0.0108	37	0.0863	116	0.00365	0.000953	0.0000058	0.00617	0.00502	0.125	0.0173	0.00000689	36.8	0.0000283	0.00278	0.000289
2073 Jan	272	0.103	0.454	0.0108	37	0.0863	116	0.00365	0.000953	0.0000058	0.00617	0.00502	0.125	0.0173	0.00000689	36.8	0.0000283	0.00278	0.000289
2073 Feb	272	0.103	0.454	0.0108	37	0.0863	116	0.00365	0.000953	0.0000058	0.00617	0.00502	0.125	0.0173	0.00000689	36.8	0.0000283	0.00278	0.000289
2073 Mar	272	0.103	0.454	0.0108	37	0.0863	116	0.00365	0.000953	0.0000058	0.00617	0.00502	0.125	0.0173	0.00000689	36.8	0.0000283	0.00278	0.000289
2073 Apr	272	0.104	0.454	0.0109	37	0.0863	116	0.00365	0.000953	0.0000058	0.00617	0.00502	0.125	0.0173	0.00000689	36.8	0.0000283	0.00279	0.000289
2073 May	272	0.104	0.454	0.0109	37	0.0866	117	0.00367	0.000953	0.00000581	0.00619	0.00504	0.126	0.0173	0.0000069	37	0.0000284	0.0028	0.00029
2073 Jun	274	0.103	0.452	0.0109	36.8	0.0874	118	0.0037	0.000952	0.00000581	0.00623	0.00511	0.127	0.0175	0.00000692	37.4	0.0000287	0.00284	0.000293
2073 Jul	275	0.104	0.452	0.0109	36.9	0.0877	119	0.00371	0.000953	0.00000583	0.00624	0.00512	0.128	0.0175	0.00000694	37.5	0.0000288	0.00285	0.000294
2073 Aug	275	0.104	0.453	0.0109	36.9	0.0878	119	0.00372	0.000954	0.00000583	0.00625	0.00513	0.128	0.0175	0.00000695	37.5	0.0000289	0.00286	0.000294
2073 Sep	275	0.104	0.453	0.0109	36.9	0.0879	119	0.00372	0.000954	0.00000583	0.00625	0.00513	0.128	0.0175	0.00000695	37.6	0.0000289	0.00286	0.000294
2073 Oct	276	0.104	0.452	0.0109	36.9	0.0881	119	0.00373	0.000953	0.00000583	0.00626	0.00515	0.129	0.0176	0.00000695	37.7	0.0000289	0.00287	0.000295
2073 Nov	276	0.104	0.452	0.0109	36.8	0.0882	120	0.00373	0.000953	0.00000583	0.00627	0.00516	0.129	0.0176	0.00000695	37.7	0.000029	0.00287	0.000295
2073 Dec	276	0.104	0.452	0.0109	36.8	0.0882	120	0.00373	0.000953	0.00000583	0.00627	0.00516	0.129	0.0176	0.00000695	37.7	0.000029	0.00287	0.000295
2074 Jan	276	0.104	0.452	0.0109	36.8	0.0882	120	0.00373	0.000953	0.00000583	0.00627	0.00516	0.129	0.0176	0.00000695	37.7	0.000029	0.00287	0.000295
2074 Feb	276	0.104	0.452	0.0109	36.8	0.0882	120	0.00373	0.000953	0.00000583	0.00627	0.00516	0.129	0.0176	0.00000695	37.7	0.000029	0.00287	0.000295
2074 Mar	276	0.104	0.452	0.0109	36.8	0.0882	120	0.00373	0.000953	0.00000583	0.00627	0.00516	0.129	0.0176	0.00000695	37.7	0.000029	0.00287	0.000295
2074 Apr	276	0.104	0.452	0.0109	36.9	0.0882	120	0.00373	0.000953	0.00000584	0.00627	0.00516	0.129	0.0176	0.00000696	37.7	0.000029	0.00287	0.000296
2074 May	277	0.104	0.451	0.011	36.8	0.0887	121	0.00375	0.000953	0.00000584	0.0063	0.0052	0.13	0.0177	0.00000697	38	0.0000292	0.0029	0.000298
2074 Jun	279	0.103	0.447	0.011	36.5	0.09	123	0.0038	0.00095	0.00000585	0.00636	0.00529	0.132	0.0179	0.000007	38.6	0.0000296	0.00296	0.000302
2074 Jul	280	0.104	0.448	0.011	36.6	0.0903	123	0.00381	0.000952	0.00000586	0.00638	0.00531	0.133	0.018	0.00000702	38.8	0.0000297	0.00297	0.000303
2074 Aug	281	0.104	0.449	0.0111	36.6	0.0905	123	0.00382	0.000954	0.00000588	0.00639	0.00532	0.133	0.018	0.00000704	38.8	0.0000298	0.00298	0.000304
2074 Sep	280	0.104	0.449	0.011	36.6	0.0904	123	0.00382	0.000954	0.00000587	0.00639	0.00532	0.133	0.018	0.00000703	38.8	0.0000298	0.00298	0.000304
2074 Oct	281	0.104	0.448	0.011	36.6	0.0905	124	0.00382	0.000953	0.00000587	0.0064	0.00533	0.133	0.018	0.00000703	38.9	0.0000298	0.00298	0.000304
2074 Nov	281	0.104	0.448	0.011	36.6	0.0907	124	0.00383	0.000953	0.00000588	0.0064	0.00533	0.133	0.018	0.00000704	38.9	0.0000299	0.00299	0.000305
2074 Dec	281	0.104	0.448	0.011	36.6	0.0907	124	0.00383	0.000953	0.00000588	0.0064	0.00534	0.134	0.018	0.00000704	38.9	0.0000299	0.00299	0.000305
2075 Jan	281	0.104	0.448	0.011	36.6	0.0907	124	0.00383	0.000953	0.00000588	0.0064	0.00534	0.134	0.018	0.00000704	38.9	0.0000299	0.00299	0.000305
2075 Feb	281	0.104	0.448	0.011	36.6	0.0907	124	0.00383	0.000953	0.00000588	0.0064	0.00534	0.134	0.018	0.00000704	38.9	0.0000299	0.00299	0.000305
2075 Mar	281	0.104	0.448	0.011	36.6	0.0907	124	0.00383	0.000953	0.00000588	0.0064	0.00534	0.134	0.018	0.00000704	38.9	0.0000299	0.00299	0.000305
2075 Apr	281	0.104	0.448	0.0111	36.6	0.0907	124	0.00383	0.000953	0.00000588	0.0064	0.00534	0.134	0.018	0.00000704	38.9	0.0000299	0.00299	0.000305
2075 May	281	0.104	0.448	0.0111	36.6	0.0908	124	0.00383	0.000954	0.00000588	0.00641	0.00534	0.134	0.0181	0.00000704	39	0.0000299	0.00299	0.000305

Appendix D.3-2: TIRI

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2075 Jun	283	0.103	0.445	0.0111	36.4	0.0916	125	0.00386	0.000952	0.00000589	0.00645	0.0054	0.135	0.0182	0.00000706	39.4	0.0000302	0.00303	0.000308
2075 Jul	284	0.103	0.445	0.0111	36.3	0.0922	126	0.00388	0.000953	0.0000059	0.00648	0.00544	0.136	0.0183	0.00000708	39.6	0.0000304	0.00306	0.00031
2075 Aug	284	0.104	0.446	0.0111	36.4	0.0923	126	0.00389	0.000954	0.00000591	0.00649	0.00545	0.137	0.0183	0.00000709	39.7	0.0000304	0.00306	0.00031
2075 Sep	284	0.104	0.446	0.0111	36.4	0.0924	127	0.00389	0.000955	0.00000591	0.0065	0.00545	0.137	0.0183	0.0000071	39.7	0.0000305	0.00307	0.00031
2075 Oct	284	0.104	0.446	0.0111	36.4	0.0923	127	0.00389	0.000954	0.00000591	0.00649	0.00545	0.137	0.0183	0.0000071	39.7	0.0000305	0.00306	0.00031
2075 Nov	284	0.104	0.446	0.0111	36.4	0.0923	127	0.00389	0.000954	0.00000591	0.00649	0.00545	0.137	0.0183	0.0000071	39.7	0.0000305	0.00306	0.00031
2075 Dec	284	0.104	0.446	0.0111	36.4	0.0923	127	0.00389	0.000955	0.00000591	0.00649	0.00545	0.137	0.0183	0.0000071	39.7	0.0000305	0.00306	0.00031
2076 Jan	284	0.104	0.446	0.0111	36.4	0.0923	127	0.00389	0.000955	0.00000591	0.00649	0.00545	0.137	0.0183	0.0000071	39.7	0.0000305	0.00306	0.00031
2076 Feb	284	0.104	0.446	0.0111	36.4	0.0923	127	0.00389	0.000955	0.00000591	0.00649	0.00545	0.137	0.0183	0.0000071	39.7	0.0000305	0.00306	0.00031
2076 Mar	284	0.104	0.446	0.0111	36.4	0.0923	127	0.00389	0.000955	0.00000591	0.00649	0.00545	0.137	0.0183	0.0000071	39.7	0.0000305	0.00306	0.00031
2076 Apr	284	0.104	0.446	0.0111	36.4	0.0924	127	0.00389	0.000955	0.00000591	0.0065	0.00545	0.137	0.0183	0.0000071	39.7	0.0000305	0.00306	0.00031
2076 May	285	0.104	0.446	0.0111	36.4	0.0924	127	0.00389	0.000955	0.00000591	0.0065	0.00545	0.137	0.0183	0.0000071	39.7	0.0000305	0.00307	0.00031
2076 Jun	285	0.103	0.443	0.0111	36.2	0.093	128	0.00391	0.000953	0.00000591	0.00653	0.0055	0.138	0.0184	0.00000711	40	0.0000307	0.0031	0.000313
2076 Jul	286	0.103	0.443	0.0112	36.2	0.0934	128	0.00393	0.000954	0.00000592	0.00655	0.00553	0.139	0.0185	0.00000713	40.2	0.0000308	0.00311	0.000314
2076 Aug	287	0.104	0.444	0.0112	36.3	0.0936	129	0.00394	0.000956	0.00000594	0.00656	0.00554	0.139	0.0185	0.00000714	40.3	0.0000309	0.00312	0.000315
2076 Sep	287	0.104	0.444	0.0112	36.3	0.0936	129	0.00394	0.000956	0.00000594	0.00657	0.00554	0.139	0.0185	0.00000715	40.3	0.0000309	0.00312	0.000315
2076 Oct	287	0.104	0.444	0.0112	36.3	0.0935	129	0.00394	0.000956	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000714	40.3	0.0000309	0.00312	0.000314
2076 Nov	287	0.104	0.444	0.0112	36.3	0.0935	128	0.00394	0.000956	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000714	40.3	0.0000309	0.00312	0.000314
2076 Dec	287	0.104	0.444	0.0112	36.3	0.0935	128	0.00394	0.000956	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000714	40.3	0.0000309	0.00312	0.000314
2077 Jan	287	0.104	0.444	0.0112	36.3	0.0935	128	0.00394	0.000956	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000714	40.3	0.0000309	0.00312	0.000314
2077 Feb	287	0.104	0.444	0.0112	36.3	0.0935	128	0.00394	0.000956	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000714	40.3	0.0000309	0.00312	0.000314
2077 Mar	287	0.104	0.444	0.0112	36.3	0.0935	128	0.00394	0.000956	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000714	40.3	0.0000309	0.00312	0.000314
2077 Apr	287	0.104	0.444	0.0112	36.3	0.0935	129	0.00394	0.000956	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000714	40.3	0.0000309	0.00312	0.000314
2077 May	287	0.104	0.444	0.0112	36.3	0.0937	129	0.00394	0.000956	0.00000594	0.00657	0.00555	0.139	0.0185	0.00000715	40.4	0.0000309	0.00313	0.000315
2077 Jun	289	0.103	0.44	0.0112	36	0.0945	130	0.00398	0.000954	0.00000594	0.00661	0.00561	0.141	0.0187	0.00000716	40.8	0.0000312	0.00317	0.000318
2077 Jul	289	0.103	0.441	0.0112	36.1	0.0947	131	0.00399	0.000956	0.00000595	0.00662	0.00562	0.141	0.0187	0.00000718	40.9	0.0000313	0.00317	0.000319
2077 Aug	290	0.104	0.442	0.0112	36.2	0.0949	131	0.00399	0.000958	0.00000597	0.00664	0.00563	0.142	0.0188	0.00000719	41	0.0000314	0.00318	0.00032
2077 Sep	290	0.104	0.441	0.0112	36.1	0.095	131	0.004	0.000956	0.00000596	0.00664	0.00564	0.142	0.0188	0.00000719	41	0.0000314	0.00319	0.00032
2077 Oct	290	0.104	0.441	0.0112	36.1	0.0951	131	0.004	0.000956	0.00000596	0.00665	0.00566	0.142	0.0188	0.0000072	41.1	0.0000315	0.00319	0.00032
2077 Nov	290	0.104	0.441	0.0112	36.1	0.0952	131	0.00401	0.000956	0.00000596	0.00665	0.00566	0.142	0.0188	0.0000072	41.1	0.0000315	0.00319	0.000321
2077 Dec	290	0.104	0.441	0.0112	36.1	0.0952	131	0.00401	0.000956	0.00000596	0.00665	0.00566	0.142	0.0188	0.0000072	41.1	0.0000315	0.00319	0.000321
2078 Jan	290	0.104	0.441	0.0112	36.1	0.0952	131	0.00401	0.000956	0.00000596	0.00665	0.00566	0.142	0.0188	0.0000072	41.1	0.0000315	0.00319	0.000321
2078 Feb	290	0.104	0.441	0.0112	36.1	0.0952	131	0.00401	0.000956	0.00000596	0.00665	0.00566	0.142	0.0188	0.0000072	41.1	0.0000315	0.00319	0.000321
2078 Mar	290	0.104	0.441	0.0112	36.1	0.0952	131	0.00401	0.000956	0.00000596	0.00665	0.00566	0.142	0.0188	0.0000072	41.1	0.0000315	0.00319	0.000321
2078 Apr	290	0.104	0.441	0.0113	36.1	0.0952	131	0.00401	0.000957	0.00000597	0.00665	0.00566	0.142	0.0188	0.0000072	41.1	0.0000315	0.0032	0.000321
2078 May	291	0.103	0.44	0.0113	36	0.0956	132	0.00403	0.000957	0.00000597	0.00668	0.00569	0.143	0.0189	0.00000721	41.3	0.0000316	0.00322	0.000322
2078 Jun	293	0.103	0.436	0.0113	35.8	0.0965	134	0.00406	0.000954	0.00000598	0.00672	0.00576	0.145	0.0191	0.00000723	41.8	0.000032	0.00326	0.000326
2078 Jul	294	0.103	0.437	0.0113	35.8	0.0967	134	0.00407	0.000956	0.00000599	0.00673	0.00578	0.145	0.0191	0.00000725	41.9	0.000032	0.00327	0.000327
2078 Aug	294	0.103	0.437	0.0113	35.9	0.0968	134	0.00408	0.000958	0.000006	0.00674	0.00578	0.145	0.0191	0.00000726	42	0.0000321	0.00327	0.000327
2078 Sep	294	0.103	0.438	0.0113	35.9	0.0969	134	0.00408	0.000958	0.000006	0.00675	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00327	0.000327
2078 Oct	294	0.103	0.437	0.0113	35.9	0.0969	134	0.00408	0.000958	0.000006	0.00675	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00327	0.000327
2078 Nov	294	0.103	0.437	0.0113	35.9	0.0969	134	0.00408	0.000958	0.000006	0.00675	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00328	0.000327
2078 Dec	294	0.103	0.437	0.0113	35.9	0.0969	134	0.00408	0.000958	0.000006	0.00675	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00328	0.000327
2079 Jan	294	0.103	0.437	0.0113	35.9	0.0969	134	0.00408	0.000958	0.000006	0.00675	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00328	0.000327
2079 Feb	294	0.103	0.437	0.0113	35.9	0.0969	134	0.00408	0.000958	0.000006	0.00675	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00328	0.000327
2079 Mar	294	0.103	0.437	0.0113	35.9	0.0969	134	0.00408	0.000958	0.000006	0.00675	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00328	0.000327
2079 Apr	294	0.103	0.437	0.0113	35.9	0.0969	134	0.00408	0.000958	0.000006	0.00675	0.00579	0.146	0.0191	0.00000726	42	0.0000321	0.00328	0.000327
2079 May	294	0.104	0.438	0.0113	35.9	0.097	134	0.00408	0.000958	0.000006	0.00675	0.00579	0.146	0.0192	0.00000727	42	0.0000321	0.00328	0.000328
2079 Jun	296	0.103	0.434	0.0114	35.6	0.0979	136	0.00412	0.000956	0.00000601	0.0068	0.00587	0.147	0.0193	0.00000729	42.5	0.0000325	0.00332	0.000331
2079 Jul	297	0.103	0.433	0.0114	35.6	0.0983	137	0.00414	0.000957	0.00000602	0.00682	0.00589	0.148	0.0194	0.0000073	42.7	0.0000326	0.00334	0.000332
2079 Aug	297	0.103	0.434	0.0114	35.6	0.0984	137	0.00414	0.000958	0.00000603	0.00683	0.0059	0.148	0.0194	0.00000732	42.7	0.0000326	0.00335	0.000333
2079 Sep	297	0.103	0.433	0.0114	35.6	0.0985	137	0.00415	0.000958	0.00000603	0.00683	0.00591	0.149	0.0194	0.00000732	42.8	0.0000327	0.00335	0.000333
2079 Oct	298	0.103	0.433	0.0114	35.5	0.0987	137	0.00416	0.000957	0.00000603	0.00684	0.00592	0.149	0.0194	0.00000732	42.9	0.0000327	0.00336	0.000333
2079 Nov	298	0.103	0.432	0.0114	35.5	0.0988	138	0.00416	0.000957	0.00000603	0.00685	0.00593	0.149	0.0194	0.00000732	42.9	0.0000328	0.00336	0.000334
2079 Dec	298	0.103	0.432	0.0114	35.5	0.0988	138	0.00416	0.000957	0.00000603	0.00685	0.00593	0.149	0.0194	0.00000732	42.9	0.0000328	0.00337	0.000334
2080 Jan	298	0.103	0.432	0.0114	35.5	0.0988	138	0.00416	0.000957	0.00000603	0.00685	0.00593	0.149	0.0194	0.00000732	42.9	0.0000328	0.00337	0.000334
2080 Feb	298	0.103	0.432	0.0114	35.5	0.0988	138	0.00416	0.000957	0.00000603	0.00685	0.00593	0.149	0.0194	0.00000732	42.9	0.0000328	0.00337	0.000334
2080 Mar	298	0.103	0.432	0.0114	35.5	0.0988	138	0.00416	0.000957	0.00000603	0.00685	0.00593	0.149	0.0194	0.00000732	42.9	0.0000328	0.00337	0.000334
2080 Apr	298	0.103	0.432	0.0114	35.5	0.0988	138	0.00416	0.000957	0.00000603	0.00685	0.00593	0.149	0.0194	0.00000732	42.9	0.0000328	0.00337	0.000334
2080 May	298	0.103	0.432	0.0114	35.5	0.0989	138	0.00417	0.000958	0.00000603	0.00685	0.00594	0.149	0.0195	0.00000733	43	0.0000328	0.00337	0.000334
2080 Jun	299	0.103	0.431	0.0114	35.4	0.0993	139	0.00418	0.000957	0.00000603	0.00687	0.00597	0.15	0.0195	0.00000734	43.2	0.000033	0.00339	0.000335
2080 Jul	299	0.103	0.43	0.0114	35.3	0.0997	139	0.0042	0.000957	0.00000604	0.00689	0.00599	0.151	0.0196	0.00000735	43.3	0.0000331	0.0034	0.000337
2080 Aug	300	0.103	0.43	0.0114	35.4	0.0998	139	0.0042	0.000958	0.00000605	0.0069	0.006	0.151	0.0196	0.00000736	43.4	0.0000331	0.00341	0.000337
2080 Sep	300	0.103	0.43	0.0114	35.3	0.1	140	0.00421	0.000958	0.00000605	0.00691	0.00602	0.151	0.0196	0.00000737	43.5	0.0000332	0.00342	0.000338
2080 Oct	301	0.103	0.429	0.0115	35.3	0.1	140	0.00422	0.000958	0.00000605	0.00692	0.00603	0.152	0.0196	0.00000737	43.6	0.0000333	0.00343	0.000338
2080 Nov	301	0.103	0.429	0.0115	35.3	0.1	140	0.00422	0.000958	0.00000605	0.00692	0.00604	0.152	0.0196	0.00000737	43.6	0.0000333	0.00343	0.000338
2080 Dec	301	0.103	0.429	0.0115	35.3	0.1	140	0.00422	0.000958	0.00000605	0.00692	0.00604	0.152	0.0197	0.00000737	43.6	0.0000333	0.00343	0.000338
2081 Jan	301	0.103	0.429	0.0115	35.3	0.1	140	0.00422	0.000958	0.00000605	0.00692	0.00604	0.152	0.0197	0.00000737	43.6	0.0000333	0.00343	0.000338
2081 Feb	301	0.103	0.429	0.0115	35.3	0.1	140	0.00422	0.000958	0.00000605	0.00692	0.00604	0.152	0.0197	0.00000737	43.6	0.0000333	0.00343	0.000338
2081 Mar	301	0.103	0.429	0.0115	35.3	0.1	140	0.00422	0.000958	0.00000605	0.00692	0.00604	0.152	0.0197	0.00000737	43.6	0.0000333	0.00343	0.000338
2081 Apr	301	0.103	0.429	0.0115	35.3	0.1	140	0.00422	0.000958	0.00000605	0.00693	0.00604	0.152	0.0197	0.00000737	43.6	0.0000333	0.00343	0.000338
2081 May	301	0.103	0.428	0.0115	35.2	0.1	141	0.00423	0.000958	0.00000606	0.00694	0.00605	0.152	0.0197	0.00000738	43.7	0.0000334	0.00344	0.000339
2081 Jun	302	0.102	0.426	0.0115	35.1	0.101	142	0.00426	0.000957	0.00000606	0.00696	0.0061	0.153	0.0198	0.00000739	44	0.0000336	0.00347	0.000341
2081 Jul	303	0.103	0.427	0.0115	35.1	0.101	142	0.00427	0.000959	0.00000608	0.00698	0.00612	0.154	0.0198	0.00000741	44.1	0.0000337	0.00348	0.000342
2081 Aug	304	0.103	0.428	0.0115	35.2	0.102	142	0.00428	0.000961	0.00000609	0.007	0.00613	0.154	0.0199	0.00000743	44.2	0.0000337	0.00349	0.000343
2081 Sep	304	0.103	0.428	0.0115	35.2	0.102	142	0.00428	0.000961	0.00000609	0.007	0.00613	0.154	0.0199	0.00000743	44.2	0.0000337	0.00349	0.000343
2081 Oct	304	0.103	0.428	0.0115	35.2	0.102	142	0.00428	0.000961	0.00000609	0.007	0.00613	0.154	0.0199	0.00000743	44.2	0.0000337	0.00349	0.000343

Appendix D.3-2: TIRI

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2081 Nov	304	0.103	0.428	0.0115	35.2	0.101	142	0.00428	0.000961	0.00000609	0.007	0.00613	0.154	0.0199	0.00000743	44.2	0.0000337	0.00348	0.000343
2081 Dec	304	0.103	0.428	0.0115	35.2	0.101	142	0.00428	0.000961	0.00000609	0.007	0.00613	0.154	0.0199	0.00000743	44.2	0.0000337	0.00348	0.000343
2082 Jan	304	0.103	0.428	0.0115	35.2	0.101	142	0.00428	0.000961	0.00000609	0.007	0.00613	0.154	0.0199	0.00000743	44.2	0.0000337	0.00348	0.000343
2082 Feb	304	0.103	0.428	0.0115	35.2	0.101	142	0.00428	0.000961	0.00000609	0.007	0.00613	0.154	0.0199	0.00000743	44.2	0.0000337	0.00348	0.000343
2082 Mar	304	0.103	0.428	0.0115	35.2	0.101	142	0.00428	0.000961	0.00000609	0.007	0.00613	0.154	0.0199	0.00000743	44.2	0.0000337	0.00348	0.000343
2082 Apr	304	0.103	0.428	0.0115	35.2	0.101	142	0.00428	0.000961	0.00000609	0.007	0.00613	0.154	0.0199	0.00000743	44.2	0.0000337	0.00348	0.000343
2082 May	304	0.103	0.428	0.0115	35.2	0.102	142	0.00428	0.000962	0.00000609	0.007	0.00613	0.154	0.0199	0.00000743	44.3	0.0000338	0.00349	0.000343
2082 Jun	305	0.102	0.424	0.0115	35	0.102	144	0.00431	0.00096	0.0000061	0.00704	0.00619	0.156	0.02	0.00000745	44.6	0.000034	0.00352	0.000345
2082 Jul	306	0.102	0.422	0.0116	34.8	0.103	145	0.00434	0.000959	0.00000611	0.00707	0.00624	0.157	0.0201	0.00000747	45	0.0000343	0.00356	0.000347
2082 Aug	307	0.102	0.423	0.0116	34.9	0.103	145	0.00435	0.000961	0.00000612	0.00709	0.00625	0.157	0.0201	0.00000748	45	0.0000343	0.00356	0.000348
2082 Sep	307	0.102	0.423	0.0116	34.9	0.103	145	0.00435	0.000961	0.00000612	0.00709	0.00626	0.158	0.0201	0.00000749	45	0.0000343	0.00356	0.000348
2082 Oct	307	0.102	0.422	0.0116	34.8	0.103	145	0.00435	0.00096	0.00000611	0.00708	0.00625	0.157	0.0201	0.00000748	45	0.0000343	0.00356	0.000348
2082 Nov	307	0.102	0.422	0.0116	34.8	0.103	145	0.00435	0.00096	0.00000611	0.00709	0.00625	0.157	0.0201	0.00000748	45	0.0000343	0.00356	0.000348
2082 Dec	307	0.102	0.422	0.0116	34.8	0.103	145	0.00435	0.00096	0.00000611	0.00709	0.00625	0.157	0.0201	0.00000748	45	0.0000343	0.00356	0.000348
2083 Jan	307	0.102	0.422	0.0116	34.8	0.103	145	0.00435	0.00096	0.00000611	0.00709	0.00625	0.157	0.0201	0.00000748	45	0.0000343	0.00356	0.000348
2083 Feb	307	0.102	0.422	0.0116	34.8	0.103	145	0.00435	0.00096	0.00000611	0.00709	0.00625	0.157	0.0201	0.00000748	45	0.0000343	0.00356	0.000348
2083 Mar	307	0.102	0.422	0.0116	34.8	0.103	145	0.00435	0.00096	0.00000611	0.00709	0.00625	0.158	0.0201	0.00000748	45	0.0000343	0.00356	0.000348
2083 Apr	307	0.102	0.422	0.0116	34.8	0.103	145	0.00435	0.000961	0.00000611	0.00709	0.00626	0.158	0.0201	0.00000748	45	0.0000343	0.00356	0.000348
2083 May	307	0.102	0.422	0.0116	34.8	0.103	146	0.00436	0.000961	0.00000612	0.0071	0.00627	0.158	0.0202	0.00000749	45.2	0.0000344	0.00357	0.000349
2083 Jun	309	0.102	0.418	0.0116	34.5	0.104	147	0.0044	0.000959	0.00000612	0.00714	0.00634	0.16	0.0203	0.00000751	45.6	0.0000347	0.00361	0.000352
2083 Jul	309	0.102	0.418	0.0116	34.5	0.104	148	0.00441	0.00096	0.00000613	0.00716	0.00636	0.16	0.0203	0.00000752	45.7	0.0000348	0.00363	0.000353
2083 Aug	310	0.102	0.418	0.0116	34.5	0.105	148	0.00442	0.000961	0.00000614	0.00717	0.00637	0.16	0.0204	0.00000753	45.8	0.0000349	0.00363	0.000353
2083 Sep	310	0.102	0.417	0.0117	34.5	0.105	148	0.00443	0.000961	0.00000614	0.00718	0.00639	0.161	0.0204	0.00000754	45.9	0.000035	0.00365	0.000354
2083 Oct	311	0.102	0.416	0.0117	34.3	0.105	149	0.00445	0.000959	0.00000614	0.00719	0.00642	0.162	0.0204	0.00000755	46.1	0.0000351	0.00366	0.000355
2083 Nov	311	0.102	0.415	0.0117	34.3	0.105	149	0.00445	0.000959	0.00000614	0.0072	0.00642	0.162	0.0204	0.00000755	46.1	0.0000351	0.00366	0.000355
2083 Dec	311	0.102	0.415	0.0117	34.3	0.105	149	0.00445	0.000959	0.00000614	0.0072	0.00642	0.162	0.0204	0.00000755	46.1	0.0000351	0.00366	0.000355
2084 Jan	311	0.102	0.415	0.0117	34.3	0.105	149	0.00445	0.000959	0.00000614	0.0072	0.00642	0.162	0.0204	0.00000755	46.1	0.0000351	0.00366	0.000355
2084 Feb	311	0.102	0.415	0.0117	34.3	0.105	149	0.00445	0.000959	0.00000614	0.0072	0.00642	0.162	0.0204	0.00000755	46.1	0.0000351	0.00366	0.000355
2084 Mar	311	0.102	0.415	0.0117	34.3	0.105	149	0.00445	0.000959	0.00000614	0.0072	0.00642	0.162	0.0204	0.00000755	46.1	0.0000351	0.00366	0.000355
2084 Apr	311	0.102	0.415	0.0117	34.3	0.105	149	0.00445	0.000959	0.00000614	0.0072	0.00643	0.162	0.0204	0.00000755	46.1	0.0000351	0.00366	0.000355
2084 May	311	0.102	0.415	0.0117	34.3	0.105	149	0.00446	0.00096	0.00000615	0.00721	0.00644	0.162	0.0205	0.00000756	46.2	0.0000352	0.00367	0.000356
2084 Jun	312	0.101	0.411	0.0117	34	0.106	150	0.00449	0.000957	0.00000614	0.00723	0.00649	0.163	0.0206	0.00000756	46.5	0.0000354	0.0037	0.000358
2084 Jul	313	0.101	0.411	0.0117	34.1	0.106	151	0.0045	0.000959	0.00000616	0.00725	0.00651	0.164	0.0206	0.00000758	46.7	0.0000355	0.00371	0.000359
2084 Aug	313	0.101	0.412	0.0117	34.1	0.106	151	0.0045	0.00096	0.00000616	0.00726	0.00652	0.164	0.0207	0.00000759	46.7	0.0000355	0.00372	0.000359
2084 Sep	313	0.101	0.412	0.0117	34.1	0.106	151	0.00451	0.00096	0.00000616	0.00726	0.00652	0.164	0.0207	0.00000759	46.7	0.0000355	0.00372	0.00036
2084 Oct	314	0.101	0.411	0.0117	34	0.106	151	0.00451	0.000959	0.00000616	0.00727	0.00653	0.164	0.0207	0.00000759	46.8	0.0000356	0.00372	0.00036
2084 Nov	314	0.101	0.411	0.0117	34	0.107	151	0.00451	0.000959	0.00000616	0.00727	0.00653	0.164	0.0207	0.00000759	46.8	0.0000356	0.00373	0.00036
2084 Dec	314	0.101	0.411	0.0117	34	0.107	151	0.00451	0.000959	0.00000616	0.00727	0.00653	0.164	0.0207	0.00000759	46.8	0.0000356	0.00373	0.00036
2085 Jan	314	0.101	0.411	0.0117	34	0.107	151	0.00451	0.000959	0.00000616	0.00727	0.00653	0.164	0.0207	0.00000759	46.8	0.0000356	0.00373	0.00036
2085 Feb	314	0.101	0.411	0.0117	34	0.107	151	0.00451	0.000959	0.00000616	0.00727	0.00653	0.164	0.0207	0.00000759	46.8	0.0000356	0.00373	0.00036
2085 Mar	314	0.101	0.411	0.0117	34	0.107	151	0.00451	0.000959	0.00000616	0.00727	0.00653	0.164	0.0207	0.00000759	46.8	0.0000356	0.00373	0.00036
2085 Apr	314	0.101	0.411	0.0117	34	0.107	151	0.00451	0.000959	0.00000616	0.00727	0.00653	0.164	0.0207	0.00000759	46.8	0.0000356	0.00373	0.00036
2085 May	314	0.101	0.41	0.0117	34	0.107	152	0.00452	0.000959	0.00000617	0.00728	0.00654	0.165	0.0207	0.0000076	46.9	0.0000356	0.00373	0.000361
2085 Jun	315	0.101	0.409	0.0117	33.9	0.107	152	0.00454	0.000959	0.00000617	0.0073	0.00657	0.165	0.0208	0.00000761	47.1	0.0000358	0.00375	0.000362
2085 Jul	315	0.101	0.41	0.0117	34	0.107	153	0.00455	0.000961	0.00000618	0.00731	0.00659	0.166	0.0208	0.00000762	47.2	0.0000358	0.00376	0.000363
2085 Aug	316	0.101	0.41	0.0118	34	0.107	153	0.00455	0.000961	0.00000619	0.00732	0.00659	0.166	0.0208	0.00000763	47.2	0.0000359	0.00376	0.000363
2085 Sep	316	0.101	0.408	0.0118	33.9	0.108	153	0.00456	0.00096	0.00000619	0.00733	0.00662	0.166	0.0209	0.00000764	47.4	0.000036	0.00378	0.000364
2085 Oct	316	0.101	0.407	0.0118	33.8	0.108	154	0.00457	0.00096	0.00000619	0.00734	0.00663	0.167	0.0209	0.00000764	47.5	0.000036	0.00379	0.000365
2085 Nov	317	0.101	0.407	0.0118	33.8	0.108	154	0.00458	0.000959	0.00000619	0.00734	0.00664	0.167	0.0209	0.00000764	47.5	0.0000361	0.00379	0.000365
2085 Dec	317	0.101	0.407	0.0118	33.8	0.108	154	0.00458	0.000959	0.00000619	0.00734	0.00664	0.167	0.0209	0.00000764	47.5	0.0000361	0.00379	0.000365
2086 Jan	317	0.101	0.407	0.0118	33.8	0.108	154	0.00458	0.000959	0.00000619	0.00734	0.00664	0.167	0.0209	0.00000764	47.5	0.0000361	0.00379	0.000365
2086 Feb	317	0.101	0.407	0.0118	33.8	0.108	154	0.00458	0.000959	0.00000619	0.00734	0.00664	0.167	0.0209	0.00000764	47.5	0.0000361	0.00379	0.000365
2086 Mar	317	0.101	0.407	0.0118	33.8	0.108	154	0.00458	0.000959	0.00000619	0.00734	0.00664	0.167	0.0209	0.00000764	47.5	0.0000361	0.00379	0.000365
2086 Apr	317	0.101	0.407	0.0118	33.8	0.108	154	0.00458	0.000959	0.00000619	0.00734	0.00664	0.167	0.0209	0.00000764	47.5	0.0000361	0.00379	0.000365
2086 May	317	0.101	0.407	0.0118	33.8	0.108	154	0.00458	0.00096	0.00000619	0.00735	0.00665	0.167	0.0209	0.00000765	47.6	0.0000361	0.0038	0.000365
2086 Jun	318	0.1	0.403	0.0118	33.5	0.109	155	0.00461	0.000958	0.00000619	0.00738	0.0067	0.169	0.021	0.00000766	47.9	0.0000364	0.00383	0.000368
2086 Jul	319	0.1	0.403	0.0118	33.5	0.109	156	0.00463	0.000959	0.0000062	0.00741	0.00673	0.17	0.0211	0.00000768	48.1	0.0000365	0.00385	0.000369
2086 Aug	319	0.101	0.403	0.0118	33.5	0.109	156	0.00464	0.00096	0.00000621	0.00742	0.00674	0.17	0.0211	0.00000769	48.2	0.0000366	0.00386	0.00037
2086 Sep	320	0.1	0.402	0.0118	33.5	0.109	157	0.00464	0.00096	0.00000621	0.00742	0.00676	0.17	0.0212	0.00000769	48.3	0.0000366	0.00386	0.00037
2086 Oct	320	0.1	0.402	0.0118	33.4	0.11	157	0.00465	0.000959	0.00000621	0.00743	0.00676	0.17	0.0212	0.0000077	48.3	0.0000366	0.00387	0.000371
2086 Nov	320	0.1	0.402	0.0118	33.4	0.11	157	0.00465	0.00096	0.00000621	0.00743	0.00676	0.17	0.0212	0.0000077	48.3	0.0000366	0.00387	0.000371
2086 Dec	320	0.1	0.402	0.0118	33.4	0.11	157	0.00465	0.00096	0.00000621	0.00743	0.00676	0.17	0.0212	0.0000077	48.3	0.0000366	0.00387	0.000371
2087 Jan	320	0.1	0.402	0.0118	33.4	0.11	157	0.00465	0.00096	0.00000621	0.00743	0.00676	0.17	0.0212	0.0000077	48.3	0.0000366	0.00387	0.000371
2087 Feb	320	0.1	0.402	0.0118	33.4	0.11	157	0.00465	0.00096	0.00000621	0.00743	0.00676	0.17	0.0212	0.0000077	48.3	0.0000366	0.00387	0.000371
2087 Mar	320	0.1	0.402	0.0118	33.4	0.11	157	0.00465	0.00096	0.00000622	0.00743	0.00677	0.17	0.0212	0.0000077	48.3	0.0000366	0.00387	0.000371
2087 Apr	320	0.1	0.402	0.0118	33.4	0.11	157	0.00465	0.00096	0.00000622	0.00743	0.00677	0.17	0.0212	0.0000077	48.4	0.0000367	0.00387	0.000371
2087 May	320	0.1	0.402	0.0118	33.4	0.11	157	0.00466	0.00096	0.00000622	0.00744	0.00678	0.171	0.0212	0.0000077	48.4	0.0000367	0.00388	0.000371
2087 Jun	321	0.1	0.399	0.0118	33.2	0.11	158	0.00468	0.000958	0.00000622	0.00746	0.00682	0.172	0.0213	0.00000772	48.7	0.0000369	0.0039	0.000373
2087 Jul	322	0.1	0.399	0.0119	33.3	0.11	158	0.00469	0.00096	0.00000623	0.00747	0.00683	0.172	0.0213	0.00000773	48.8	0.000037	0.00391	0.000374
2087 Aug	322	0.1	0.4	0.0119	33.3	0.111	159	0.0047	0.000961	0.00000624	0.00749	0.00684	0.172	0.0214	0.00000774	48.9	0.000037	0.00392	0.000375
2087 Sep	322	0.1	0.4	0.0119	33.3	0.111	159	0.0047	0.000962	0.00000625	0.00749	0.00685	0.172	0.0214	0.00000775	48.9	0.0000371	0.00392	0.000375
2087 Oct	322	0.1	0.4	0.0119	33.3	0.111	159	0.0047	0.000962	0.00000624	0.00749	0.00685	0.172	0.0214	0.00000774	48.9	0.000037	0.00392	0.000375
2087 Nov	322	0.1	0.4	0.0119	33.3	0.111	159	0.0047	0.000962	0.00000624	0.00749	0.00685	0.172	0.0214	0.00000774	48.9	0.000037	0.00392	0.000375
2087 Dec	322	0.1	0.4	0.0119	33.3	0.111	159	0.0047	0.000962	0.00000624	0.00749	0.00685	0.172	0.0214	0.00000774	48.9	0.000037	0.00392	0.000375
2088 Jan	322	0.1	0.4	0.0119	33.3	0.111	159	0.0047	0.000962	0.00000624	0.00749	0.00685	0.172	0.0214	0.00000774	48.9	0.000037	0.00392	0.000375
2088 Feb	322	0.1	0.4	0.0119	33.3	0.111	159	0.0047	0.000962	0.00000624	0.00749	0.00685	0.172	0.0214	0.00000774	48.9	0.000037	0.00392	0.000375
2088 Mar	322	0.1	0.4	0.0119	33.3	0.111	159	0.0047	0.000962	0.00000624	0.00749	0.00685	0.172	0.0214	0.00000774	48.9	0.000037	0.00392	0.000375

Appendix D.3-2: TIRI

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2088 Apr	323	0.1	0.4	0.0119	33.3	0.111	159	0.0047	0.000962	0.00000625	0.00749	0.00685	0.172	0.0214	0.00000775	48.9	0.0000371	0.00392	0.000375
2088 May	323	0.101	0.401	0.0119	33.4	0.111	159	0.0047	0.000963	0.00000625	0.0075	0.00686	0.173	0.0214	0.00000775	49	0.0000371	0.00392	0.000375
2088 Jun	323	0.1	0.399	0.0119	33.3	0.111	159	0.00471	0.000962	0.00000625	0.00751	0.00688	0.173	0.0214	0.00000776	49.1	0.0000372	0.00394	0.000376
2088 Jul	324	0.1	0.399	0.0119	33.3	0.111	160	0.00473	0.000964	0.00000627	0.00754	0.0069	0.174	0.0215	0.00000778	49.3	0.0000373	0.00395	0.000377
2088 Aug	325	0.101	0.4	0.0119	33.4	0.112	160	0.00474	0.000967	0.00000628	0.00756	0.00692	0.174	0.0216	0.0000078	49.4	0.0000374	0.00396	0.000378
2088 Sep	325	0.101	0.4	0.012	33.4	0.112	160	0.00475	0.000967	0.00000629	0.00756	0.00692	0.174	0.0216	0.0000078	49.4	0.0000374	0.00396	0.000379
2088 Oct	325	0.101	0.4	0.0119	33.3	0.112	160	0.00474	0.000966	0.00000628	0.00755	0.00691	0.174	0.0215	0.00000779	49.4	0.0000374	0.00396	0.000378
2088 Nov	325	0.101	0.4	0.0119	33.3	0.112	160	0.00474	0.000966	0.00000628	0.00755	0.00691	0.174	0.0215	0.00000779	49.3	0.0000374	0.00396	0.000378
2088 Dec	325	0.101	0.4	0.0119	33.3	0.112	160	0.00474	0.000966	0.00000628	0.00755	0.00691	0.174	0.0215	0.00000779	49.3	0.0000374	0.00396	0.000378
2089 Jan	325	0.101	0.4	0.0119	33.3	0.112	160	0.00474	0.000966	0.00000628	0.00755	0.00691	0.174	0.0215	0.00000779	49.3	0.0000374	0.00396	0.000378
2089 Feb	325	0.101	0.4	0.0119	33.3	0.112	160	0.00474	0.000966	0.00000628	0.00755	0.00691	0.174	0.0215	0.00000779	49.3	0.0000374	0.00396	0.000378
2089 Mar	325	0.101	0.4	0.0119	33.3	0.112	160	0.00474	0.000966	0.00000628	0.00755	0.00691	0.174	0.0215	0.00000779	49.3	0.0000374	0.00396	0.000378
2089 Apr	325	0.101	0.4	0.0119	33.3	0.112	160	0.00474	0.000966	0.00000628	0.00755	0.00691	0.174	0.0216	0.00000779	49.4	0.0000374	0.00396	0.000378
2089 May	325	0.101	0.399	0.0119	33.3	0.112	161	0.00475	0.000966	0.00000628	0.00756	0.00693	0.174	0.0216	0.0000078	49.4	0.0000375	0.00397	0.000379
2089 Jun	326	0.1	0.398	0.012	33.2	0.112	161	0.00477	0.000966	0.00000629	0.00759	0.00697	0.175	0.0217	0.00000782	49.7	0.0000376	0.00399	0.000381
2089 Jul	327	0.101	0.398	0.012	33.3	0.113	162	0.00478	0.000968	0.0000063	0.0076	0.00698	0.176	0.0217	0.00000783	49.8	0.0000377	0.004	0.000381
2089 Aug	327	0.101	0.399	0.012	33.3	0.113	162	0.00478	0.000969	0.00000631	0.00762	0.00699	0.176	0.0218	0.00000784	49.9	0.0000378	0.004	0.000382
2089 Sep	327	0.101	0.399	0.012	33.3	0.113	162	0.00479	0.00097	0.00000631	0.00762	0.00699	0.176	0.0218	0.00000785	49.9	0.0000378	0.00401	0.000382
2089 Oct	328	0.101	0.397	0.012	33.2	0.113	163	0.0048	0.000969	0.00000631	0.00763	0.00702	0.177	0.0218	0.00000785	50.1	0.0000379	0.00402	0.000383
2089 Nov	328	0.101	0.397	0.012	33.2	0.113	163	0.00481	0.000969	0.00000632	0.00764	0.00703	0.177	0.0218	0.00000786	50.1	0.0000379	0.00403	0.000384
2089 Dec	328	0.101	0.397	0.012	33.2	0.113	163	0.00481	0.000969	0.00000632	0.00764	0.00703	0.177	0.0218	0.00000786	50.1	0.0000379	0.00403	0.000384
2090 Jan	328	0.101	0.397	0.012	33.2	0.113	163	0.00481	0.000969	0.00000632	0.00764	0.00703	0.177	0.0218	0.00000786	50.1	0.0000379	0.00403	0.000384
2090 Feb	328	0.101	0.397	0.012	33.2	0.113	163	0.00481	0.000969	0.00000632	0.00764	0.00703	0.177	0.0218	0.00000786	50.1	0.0000379	0.00403	0.000384
2090 Mar	328	0.101	0.397	0.012	33.2	0.113	163	0.00481	0.000969	0.00000632	0.00764	0.00703	0.177	0.0218	0.00000786	50.1	0.0000379	0.00403	0.000384
2090 Apr	328	0.101	0.397	0.012	33.2	0.113	163	0.00481	0.000969	0.00000632	0.00764	0.00703	0.177	0.0218	0.00000786	50.1	0.0000379	0.00403	0.000384
2090 May	328	0.101	0.397	0.012	33.2	0.113	163	0.00481	0.000969	0.00000632	0.00765	0.00703	0.177	0.0218	0.00000786	50.2	0.000038	0.00403	0.000384
2090 Jun	330	0.1	0.392	0.012	32.9	0.115	165	0.00486	0.000968	0.00000633	0.0077	0.00712	0.18	0.022	0.00000789	50.8	0.0000384	0.00409	0.000388
2090 Jul	331	0.1	0.392	0.0121	32.9	0.115	166	0.00487	0.000969	0.00000634	0.00772	0.00714	0.18	0.0221	0.00000791	50.9	0.0000385	0.0041	0.000389
2090 Aug	332	0.1	0.391	0.0121	32.8	0.115	166	0.00489	0.000969	0.00000635	0.00774	0.00717	0.181	0.0221	0.00000792	51.1	0.0000386	0.00412	0.00039
2090 Sep	332	0.0998	0.39	0.0121	32.7	0.116	167	0.0049	0.000968	0.00000635	0.00775	0.00719	0.181	0.0222	0.00000793	51.2	0.0000387	0.00413	0.000391
2090 Oct	333	0.0996	0.388	0.0121	32.5	0.116	167	0.00491	0.000967	0.00000635	0.00777	0.00722	0.182	0.0222	0.00000793	51.4	0.0000388	0.00415	0.000392
2090 Nov	333	0.0995	0.387	0.0121	32.5	0.116	168	0.00492	0.000966	0.00000635	0.00777	0.00723	0.182	0.0222	0.00000794	51.4	0.0000389	0.00416	0.000393
2090 Dec	333	0.0995	0.387	0.0121	32.5	0.116	168	0.00492	0.000966	0.00000635	0.00777	0.00723	0.182	0.0222	0.00000794	51.4	0.0000389	0.00416	0.000393
2091 Jan	333	0.0995	0.387	0.0121	32.5	0.116	168	0.00492	0.000966	0.00000635	0.00777	0.00723	0.182	0.0222	0.00000794	51.4	0.0000389	0.00416	0.000393
2091 Feb	333	0.0995	0.387	0.0121	32.5	0.116	168	0.00492	0.000966	0.00000635	0.00777	0.00723	0.182	0.0222	0.00000794	51.4	0.0000389	0.00416	0.000393
2091 Mar	333	0.0995	0.387	0.0121	32.5	0.116	168	0.00492	0.000966	0.00000635	0.00777	0.00723	0.182	0.0222	0.00000794	51.5	0.0000389	0.00416	0.000393
2091 Apr	333	0.0995	0.387	0.0121	32.5	0.116	168	0.00492	0.000966	0.00000635	0.00777	0.00723	0.182	0.0222	0.00000794	51.5	0.0000389	0.00416	0.000393
2091 May	334	0.0995	0.387	0.0121	32.5	0.116	168	0.00493	0.000967	0.00000636	0.00778	0.00724	0.183	0.0223	0.00000795	51.5	0.0000389	0.00416	0.000393
2091 Jun	334	0.0991	0.384	0.0121	32.3	0.117	169	0.00495	0.000965	0.00000636	0.00781	0.00728	0.184	0.0224	0.00000796	51.8	0.0000391	0.00419	0.000395
2091 Jul	335	0.0994	0.385	0.0121	32.4	0.117	169	0.00496	0.000968	0.00000637	0.00783	0.0073	0.184	0.0224	0.00000798	51.9	0.0000392	0.0042	0.000396
2091 Aug	335	0.0994	0.385	0.0121	32.4	0.117	169	0.00496	0.000968	0.00000638	0.00783	0.00731	0.184	0.0224	0.00000798	52	0.0000393	0.00421	0.000397
2091 Sep	336	0.0993	0.384	0.0121	32.3	0.117	170	0.00497	0.000968	0.00000638	0.00784	0.00732	0.185	0.0225	0.00000799	52.1	0.0000393	0.00421	0.000397
2091 Oct	336	0.0991	0.383	0.0121	32.2	0.117	170	0.00498	0.000967	0.00000638	0.00785	0.00734	0.185	0.0225	0.00000799	52.2	0.0000394	0.00422	0.000398
2091 Nov	336	0.099	0.382	0.0121	32.2	0.118	170	0.00498	0.000966	0.00000638	0.00785	0.00735	0.185	0.0225	0.00000799	52.2	0.0000394	0.00423	0.000398
2091 Dec	336	0.099	0.382	0.0121	32.2	0.118	170	0.00498	0.000966	0.00000638	0.00786	0.00735	0.185	0.0225	0.00000799	52.2	0.0000394	0.00423	0.000398
2092 Jan	336	0.099	0.382	0.0121	32.2	0.118	170	0.00498	0.000966	0.00000638	0.00786	0.00735	0.185	0.0225	0.00000799	52.2	0.0000394	0.00423	0.000398
2092 Feb	336	0.099	0.382	0.0121	32.2	0.118	170	0.00498	0.000966	0.00000638	0.00786	0.00735	0.185	0.0225	0.00000799	52.2	0.0000394	0.00423	0.000398
2092 Mar	336	0.099	0.382	0.0121	32.2	0.118	170	0.00499	0.000966	0.00000638	0.00786	0.00735	0.186	0.0225	0.00000799	52.2	0.0000394	0.00423	0.000398
2092 Apr	336	0.099	0.382	0.0121	32.2	0.118	170	0.00499	0.000966	0.00000638	0.00786	0.00735	0.186	0.0225	0.00000799	52.3	0.0000394	0.00423	0.000398
2092 May	337	0.099	0.382	0.0121	32.2	0.118	171	0.00499	0.000967	0.00000638	0.00787	0.00736	0.186	0.0226	0.000008	52.3	0.0000395	0.00424	0.000399
2092 Jun	338	0.0982	0.375	0.0121	31.7	0.118	172	0.00502	0.000962	0.00000637	0.0079	0.00742	0.187	0.0227	0.000008	52.7	0.0000398	0.00428	0.000402
2092 Jul	338	0.0981	0.375	0.0121	31.7	0.119	173	0.00503	0.000963	0.00000638	0.00791	0.00744	0.188	0.0227	0.00000801	52.9	0.0000399	0.00429	0.000403
2092 Aug	339	0.0983	0.375	0.0121	31.7	0.119	173	0.00504	0.000964	0.00000639	0.00793	0.00745	0.188	0.0228	0.00000803	53	0.0000399	0.0043	0.000404
2092 Sep	339	0.0983	0.375	0.0121	31.7	0.119	173	0.00504	0.000965	0.00000639	0.00793	0.00746	0.188	0.0228	0.00000803	53	0.0000399	0.0043	0.000404
2092 Oct	339	0.0983	0.375	0.0121	31.7	0.119	173	0.00505	0.000964	0.00000639	0.00793	0.00746	0.188	0.0228	0.00000803	53	0.00004	0.0043	0.000404
2092 Nov	339	0.0982	0.375	0.0121	31.7	0.119	173	0.00505	0.000964	0.00000639	0.00793	0.00746	0.189	0.0228	0.00000803	53	0.00004	0.00431	0.000404
2092 Dec	339	0.0982	0.375	0.0121	31.7	0.119	173	0.00505	0.000964	0.00000639	0.00793	0.00746	0.189	0.0228	0.00000803	53	0.00004	0.00431	0.000404
2093 Jan	339	0.0982	0.375	0.0121	31.7	0.119	173	0.00505	0.000964	0.00000639	0.00793	0.00746	0.189	0.0228	0.00000803	53	0.00004	0.00431	0.000404
2093 Feb	339	0.0982	0.375	0.0121	31.7	0.119	173	0.00505	0.000964	0.00000639	0.00793	0.00746	0.189	0.0228	0.00000803	53	0.00004	0.00431	0.000404
2093 Mar	339	0.0983	0.375	0.0121	31.7	0.119	173	0.00505	0.000964	0.00000639	0.00793	0.00746	0.189	0.0228	0.00000803	53	0.00004	0.00431	0.000404
2093 Apr	339	0.0983	0.375	0.0121	31.7	0.119	173	0.00505	0.000965	0.00000639	0.00794	0.00747	0.189	0.0228	0.00000804	53	0.00004	0.00431	0.000404
2093 May	339	0.0983	0.375	0.0122	31.7	0.119	173	0.00505	0.000965	0.0000064	0.00794	0.00747	0.189	0.0228	0.00000804	53.1	0.00004	0.00431	0.000405
2093 Jun	340	0.0978	0.372	0.0121	31.5	0.12	174	0.00507	0.000963	0.0000064	0.00796	0.00751	0.19	0.0229	0.00000805	53.3	0.0000402	0.00433	0.000407
2093 Jul	341	0.098	0.372	0.0122	31.5	0.12	175	0.00508	0.000965	0.00000641	0.00798	0.00753	0.19	0.023	0.00000806	53.4	0.0000403	0.00435	0.000408
2093 Aug	341	0.0981	0.373	0.0122	31.6	0.12	175	0.00509	0.000966	0.00000642	0.00799	0.00754	0.19	0.023	0.00000807	53.5	0.0000403	0.00435	0.000408
2093 Sep	341	0.0982	0.373	0.0122	31.6	0.12	175	0.00509	0.000966	0.00000642	0.00799	0.00754	0.191	0.023	0.00000808	53.5	0.0000404	0.00435	0.000408
2093 Oct	341	0.0979	0.371	0.0122	31.5	0.12	175	0.00509	0.000965	0.00000641	0.00799	0.00755	0.191	0.023	0.00000807	53.6	0.0000404	0.00436	0.000408
2093 Nov	341	0.0978	0.37	0.0122	31.4	0.12	175	0.0051	0.000964	0.00000641	0.008	0.00756	0.191	0.023	0.00000807	53.6	0.0000404	0.00436	0.000409
2093 Dec	342	0.0978	0.37	0.0122	31.4	0.12	175	0.0051	0.000964	0.00000641	0.008	0.00756	0.191	0.023	0.00000807	53.7	0.0000404	0.00436	0.000409
2094 Jan	342	0.0978	0.37	0.0122	31.4	0.12	175	0.0051	0.000964	0.00000641	0.008	0.00756	0.191	0.023	0.00000807	53.7	0.0000404	0.00436	0.000409
2094 Feb	342	0.0978	0.37	0.0122	31.4	0.12	175	0.0051	0.000964	0.00000641	0.008	0.00756	0.191	0.023	0.00000807	53.7	0.0000404	0.00437	0.000409
2094 Mar	342	0.0978	0.37	0.0122	31.4	0.12	175	0.0051	0.000964	0.00000641	0.008	0.00756	0.191	0.023	0.00000807	53.7	0.0000404	0.00437	0.000409
2094 Apr	342	0.0978	0.37	0.0122	31.4	0.12	175	0.0051	0.000964	0.00000641	0.008	0.00756	0.191	0.023	0.00000808	53.7	0.0000404	0.00437	0.000409
2094 May	342	0.0978	0.37	0.0122	31.4	0.121	176	0.00511	0.000964	0.00000642	0.00801	0.00757	0.191	0.0231	0.00000808	53.8	0.0000405	0.00437	0.00041
2094 Jun	343	0.0975	0.368	0.0122	31.2	0.121	176	0.00513	0.000964	0.00000642	0.00803	0.00761	0.192	0.0231	0.00000809	54	0.0000407	0.0044	0.000411
2094 Jul	344	0.0978	0.369	0.0122	31.3	0.121	177	0.00514	0.000966	0.00000644	0.00806	0.00763	0.193	0.0232	0.00000812	54.1	0.0000408	0.00441	0.000413
2094 Aug	345	0.0981	0.37	0.0123	31.4	0.122	177	0.00515	0.000969	0.00000646	0.00808	0.00765	0.193	0.0233	0.00000814	54.3	0.0000409	0.00442	0.000414

Appendix D.3-2: TIRI

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2094 Sep	345	0.0981	0.37	0.0123	31.4	0.122	177	0.00516	0.000969	0.00000646	0.00808	0.00765	0.193	0.0233	0.00000814	54.3	0.0000409	0.00442	0.000414
2094 Oct	344	0.098	0.369	0.0122	31.4	0.122	177	0.00515	0.000968	0.00000645	0.00807	0.00764	0.193	0.0232	0.00000813	54.2	0.0000408	0.00442	0.000413
2094 Nov	344	0.0978	0.368	0.0122	31.3	0.122	177	0.00515	0.000967	0.00000644	0.00807	0.00765	0.193	0.0233	0.00000813	54.3	0.0000409	0.00442	0.000414
2094 Dec	344	0.0978	0.368	0.0122	31.3	0.122	177	0.00515	0.000967	0.00000644	0.00807	0.00765	0.193	0.0233	0.00000813	54.3	0.0000409	0.00442	0.000414
2095 Jan	344	0.0978	0.368	0.0122	31.3	0.122	177	0.00515	0.000967	0.00000644	0.00807	0.00765	0.193	0.0233	0.00000813	54.3	0.0000409	0.00442	0.000414
2095 Feb	344	0.0978	0.368	0.0122	31.3	0.122	177	0.00515	0.000967	0.00000644	0.00807	0.00765	0.193	0.0233	0.00000813	54.3	0.0000409	0.00442	0.000414
2095 Mar	344	0.0978	0.368	0.0122	31.3	0.122	177	0.00515	0.000967	0.00000645	0.00807	0.00765	0.193	0.0233	0.00000813	54.3	0.0000409	0.00442	0.000414
2095 Apr	344	0.0978	0.368	0.0122	31.3	0.122	177	0.00515	0.000967	0.00000645	0.00807	0.00765	0.193	0.0233	0.00000813	54.3	0.0000409	0.00442	0.000414
2095 May	345	0.0978	0.368	0.0122	31.3	0.122	178	0.00516	0.000967	0.00000645	0.00808	0.00766	0.194	0.0233	0.00000813	54.4	0.0000409	0.00443	0.000414
2095 Jun	345	0.0978	0.367	0.0123	31.2	0.122	178	0.00518	0.000968	0.00000646	0.0081	0.00769	0.194	0.0234	0.00000815	54.5	0.000041	0.00444	0.000416
2095 Jul	346	0.098	0.368	0.0123	31.3	0.122	179	0.00519	0.00097	0.00000647	0.00812	0.00771	0.195	0.0234	0.00000817	54.7	0.0000412	0.00445	0.000417
2095 Aug	346	0.0981	0.368	0.0123	31.3	0.122	179	0.00519	0.00097	0.00000647	0.00812	0.00771	0.195	0.0234	0.00000817	54.7	0.0000412	0.00445	0.000417
2095 Sep	346	0.0981	0.368	0.0123	31.3	0.123	179	0.00519	0.00097	0.00000648	0.00812	0.00771	0.195	0.0234	0.00000817	54.7	0.0000412	0.00446	0.000417
2095 Oct	346	0.0981	0.368	0.0123	31.3	0.123	179	0.00519	0.000971	0.00000648	0.00812	0.00771	0.195	0.0234	0.00000817	54.7	0.0000412	0.00446	0.000417
2095 Nov	347	0.098	0.367	0.0123	31.3	0.123	179	0.00519	0.00097	0.00000648	0.00813	0.00772	0.195	0.0234	0.00000817	54.7	0.0000412	0.00446	0.000417
2095 Dec	347	0.098	0.367	0.0123	31.3	0.123	179	0.0052	0.00097	0.00000648	0.00813	0.00772	0.195	0.0234	0.00000817	54.8	0.0000412	0.00446	0.000417
2096 Jan	347	0.098	0.367	0.0123	31.3	0.123	179	0.0052	0.00097	0.00000648	0.00813	0.00772	0.195	0.0234	0.00000817	54.8	0.0000412	0.00446	0.000417
2096 Feb	347	0.098	0.367	0.0123	31.3	0.123	179	0.0052	0.00097	0.00000648	0.00813	0.00772	0.195	0.0234	0.00000817	54.8	0.0000412	0.00446	0.000417
2096 Mar	347	0.098	0.367	0.0123	31.3	0.123	179	0.0052	0.00097	0.00000648	0.00813	0.00772	0.195	0.0234	0.00000817	54.8	0.0000412	0.00446	0.000417
2096 Apr	347	0.098	0.367	0.0123	31.3	0.123	179	0.0052	0.00097	0.00000648	0.00813	0.00772	0.195	0.0234	0.00000818	54.8	0.0000412	0.00446	0.000417
2096 May	347	0.0981	0.367	0.0123	31.3	0.123	179	0.0052	0.000971	0.00000648	0.00814	0.00773	0.195	0.0235	0.00000818	54.8	0.0000413	0.00447	0.000418
2096 Jun	349	0.0974	0.362	0.0123	30.9	0.124	181	0.00525	0.000968	0.00000648	0.00818	0.00781	0.197	0.0236	0.0000082	55.3	0.0000416	0.00451	0.000421
2096 Jul	350	0.0974	0.362	0.0123	30.9	0.124	182	0.00527	0.000969	0.0000065	0.0082	0.00784	0.198	0.0237	0.00000822	55.5	0.0000417	0.00453	0.000422
2096 Aug	350	0.0977	0.363	0.0124	31	0.124	182	0.00528	0.000972	0.00000651	0.00822	0.00786	0.198	0.0237	0.00000824	55.7	0.0000418	0.00454	0.000423
2096 Sep	350	0.0976	0.362	0.0124	31	0.124	182	0.00528	0.000971	0.00000651	0.00822	0.00786	0.198	0.0237	0.00000824	55.6	0.0000418	0.00454	0.000423
2096 Oct	350	0.0974	0.361	0.0124	30.9	0.124	182	0.00528	0.00097	0.0000065	0.00822	0.00786	0.199	0.0237	0.00000823	55.7	0.0000418	0.00454	0.000423
2096 Nov	350	0.0974	0.361	0.0124	30.9	0.124	182	0.00528	0.00097	0.0000065	0.00822	0.00786	0.199	0.0237	0.00000823	55.7	0.0000418	0.00455	0.000423
2096 Dec	350	0.0974	0.361	0.0124	30.9	0.124	182	0.00528	0.00097	0.0000065	0.00822	0.00786	0.199	0.0237	0.00000823	55.7	0.0000418	0.00455	0.000423
2097 Jan	350	0.0974	0.361	0.0124	30.9	0.124	182	0.00528	0.00097	0.0000065	0.00822	0.00787	0.199	0.0237	0.00000823	55.7	0.0000418	0.00455	0.000423
2097 Feb	350	0.0974	0.361	0.0124	30.9	0.124	182	0.00528	0.00097	0.0000065	0.00822	0.00787	0.199	0.0237	0.00000823	55.7	0.0000418	0.00455	0.000423
2097 Mar	350	0.0974	0.361	0.0124	30.9	0.124	182	0.00528	0.00097	0.0000065	0.00822	0.00787	0.199	0.0237	0.00000823	55.7	0.0000418	0.00455	0.000423
2097 Apr	350	0.0975	0.361	0.0124	30.9	0.124	182	0.00529	0.00097	0.00000651	0.00822	0.00787	0.199	0.0237	0.00000824	55.7	0.0000418	0.00455	0.000423
2097 May	351	0.0975	0.361	0.0124	30.9	0.125	182	0.00529	0.000971	0.00000651	0.00823	0.00787	0.199	0.0238	0.00000824	55.8	0.0000419	0.00455	0.000424
2097 Jun	351	0.0973	0.36	0.0124	30.8	0.125	183	0.00531	0.000971	0.00000651	0.00825	0.00791	0.2	0.0238	0.00000825	56	0.000042	0.00457	0.000425
2097 Jul	352	0.0976	0.36	0.0124	30.9	0.125	184	0.00532	0.000973	0.00000653	0.00827	0.00793	0.2	0.0239	0.00000827	56.1	0.0000421	0.00458	0.000426
2097 Aug	353	0.0977	0.361	0.0124	30.9	0.125	184	0.00533	0.000974	0.00000654	0.00828	0.00794	0.2	0.0239	0.00000829	56.2	0.0000422	0.00459	0.000427
2097 Sep	353	0.0978	0.361	0.0124	30.9	0.126	184	0.00534	0.000975	0.00000655	0.00829	0.00794	0.201	0.0239	0.00000829	56.2	0.0000422	0.00459	0.000427
2097 Oct	353	0.0978	0.361	0.0124	30.9	0.125	184	0.00533	0.000975	0.00000654	0.00828	0.00794	0.2	0.0239	0.00000829	56.2	0.0000422	0.00459	0.000427
2097 Nov	353	0.0977	0.361	0.0124	30.9	0.125	184	0.00533	0.000974	0.00000654	0.00828	0.00794	0.2	0.0239	0.00000829	56.2	0.0000422	0.00459	0.000427
2097 Dec	353	0.0977	0.361	0.0124	30.9	0.125	184	0.00533	0.000974	0.00000654	0.00828	0.00794	0.2	0.0239	0.00000829	56.2	0.0000422	0.00459	0.000427
2098 Jan	353	0.0977	0.361	0.0124	30.9	0.125	184	0.00533	0.000974	0.00000654	0.00828	0.00794	0.2	0.0239	0.00000829	56.2	0.0000422	0.00459	0.000427
2098 Feb	353	0.0977	0.361	0.0124	30.9	0.125	184	0.00533	0.000974	0.00000654	0.00828	0.00794	0.2	0.0239	0.00000829	56.2	0.0000422	0.00459	0.000427
2098 Mar	353	0.0977	0.361	0.0124	30.9	0.125	184	0.00533	0.000974	0.00000654	0.00828	0.00794	0.2	0.0239	0.00000829	56.2	0.0000422	0.00459	0.000427
2098 Apr	353	0.0977	0.361	0.0124	30.9	0.125	184	0.00533	0.000975	0.00000654	0.00828	0.00794	0.2	0.0239	0.00000829	56.2	0.0000422	0.00459	0.000427
2098 May	353	0.0977	0.36	0.0124	30.9	0.126	184	0.00534	0.000975	0.00000655	0.00829	0.00795	0.201	0.024	0.00000829	56.3	0.0000422	0.0046	0.000428
2098 Jun	354	0.0971	0.356	0.0125	30.6	0.126	186	0.00538	0.000972	0.00000654	0.00832	0.00802	0.202	0.0241	0.0000083	56.7	0.0000424	0.00463	0.00043
2098 Jul	355	0.0974	0.357	0.0125	30.6	0.127	186	0.0054	0.000975	0.00000656	0.00834	0.00804	0.203	0.0241	0.00000833	56.8	0.0000426	0.00464	0.000432
2098 Aug	356	0.0974	0.357	0.0125	30.7	0.127	186	0.0054	0.000976	0.00000656	0.00835	0.00805	0.203	0.0241	0.00000833	56.9	0.0000426	0.00464	0.000432
2098 Sep	356	0.0973	0.356	0.0125	30.6	0.127	186	0.00541	0.000974	0.00000656	0.00835	0.00805	0.203	0.0242	0.00000833	56.9	0.0000426	0.00465	0.000432
2098 Oct	356	0.0971	0.354	0.0125	30.4	0.127	187	0.00543	0.000973	0.00000656	0.00836	0.00808	0.203	0.0242	0.00000834	57.1	0.0000427	0.00466	0.000433
2098 Nov	356	0.097	0.353	0.0125	30.4	0.127	187	0.00543	0.000973	0.00000656	0.00836	0.00809	0.204	0.0242	0.00000834	57.2	0.0000427	0.00467	0.000433
2098 Dec	356	0.097	0.353	0.0125	30.4	0.127	187	0.00543	0.000973	0.00000656	0.00836	0.0081	0.204	0.0242	0.00000834	57.2	0.0000427	0.00467	0.000433
2099 Jan	356	0.097	0.353	0.0125	30.4	0.127	187	0.00543	0.000973	0.00000656	0.00836	0.0081	0.204	0.0242	0.00000834	57.2	0.0000427	0.00467	0.000433
2099 Feb	356	0.097	0.353	0.0125	30.4	0.127	187	0.00543	0.000973	0.00000656	0.00836	0.0081	0.204	0.0242	0.00000834	57.2	0.0000427	0.00467	0.000433
2099 Mar	356	0.097	0.353	0.0125	30.4	0.127	187	0.00543	0.000973	0.00000656	0.00836	0.0081	0.204	0.0242	0.00000834	57.2	0.0000428	0.00467	0.000433
2099 Apr	357	0.097	0.353	0.0125	30.4	0.127	187	0.00544	0.000974	0.00000656	0.00837	0.0081	0.204	0.0242	0.00000834	57.2	0.0000428	0.00467	0.000434
2099 May	357	0.0968	0.352	0.0125	30.3	0.127	188	0.00545	0.000973	0.00000656	0.00838	0.00812	0.204	0.0243	0.00000835	57.3	0.0000428	0.00468	0.000435
2099 Jun	357	0.0966	0.35	0.0125	30.2	0.128	188	0.00547	0.000972	0.00000656	0.00839	0.00815	0.205	0.0243	0.00000835	57.5	0.0000429	0.00469	0.000436
2099 Jul	358	0.0968	0.35	0.0126	30.2	0.128	189	0.00548	0.000974	0.00000658	0.00841	0.00817	0.205	0.0244	0.00000837	57.6	0.000043	0.0047	0.000437
2099 Aug	359	0.097	0.351	0.0126	30.3	0.128	189	0.00549	0.000976	0.00000659	0.00842	0.00819	0.206	0.0244	0.00000839	57.8	0.0000431	0.00471	0.000438
2099 Sep	359	0.097	0.351	0.0126	30.3	0.128	189	0.00549	0.000975	0.00000658	0.00842	0.00818	0.206	0.0244	0.00000838	57.7	0.0000431	0.00471	0.000437
2099 Oct	359	0.0968	0.35	0.0126	30.2	0.128	189	0.0055	0.000975	0.00000658	0.00842	0.00819	0.206	0.0244	0.00000838	57.8	0.0000431	0.00472	0.000438
2099 Nov	359	0.0967	0.349	0.0126	30.1	0.128	190	0.00551	0.000974	0.00000658	0.00843	0.00821	0.206	0.0244	0.00000839	57.9	0.0000432	0.00472	0.000438
2099 Dec	359	0.0967	0.349	0.0126	30.1	0.128	190	0.00551	0.000974	0.00000658	0.00843	0.00821	0.206	0.0244	0.00000839	57.9	0.0000432	0.00472	0.000438
2100 Jan	359	0.0967	0.349	0.0126	30.1	0.128	190	0.00551	0.000974	0.00000658	0.00843	0.00821	0.206	0.0244	0.00000839	57.9	0.0000432	0.00472	0.000438
2100 Feb	359	0.0967	0.349	0.0126	30.1	0.128	190	0.00551	0.000974	0.00000658	0.00843	0.00821	0.206	0.0244	0.00000839	57.9	0.0000432	0.00472	0.000438
2100 Mar	359	0.0967	0.349	0.0126	30.1	0.128	190	0.00551	0.000974	0.00000658	0.00843	0.00821	0.206	0.0244	0.00000839	57.9	0.0000432	0.00472	0.000438
2100 Apr	359	0.0968	0.349	0.0126	30.2	0.128	190	0.00551	0.000974	0.00000659	0.00843	0.00821	0.206	0.0244	0.00000839	57.9	0.0000432	0.00473	0.000438
2100 May	360	0.0968	0.349	0.0126	30.1	0.128	190	0.00552	0.000975	0.00000659	0.00844	0.00822	0.206	0.0245	0.0000084	58	0.0000432	0.00473	0.000439
2100 Jun	360	0.0962	0.345	0.0126	29.9	0.129	191	0.00555	0.000972	0.00000658	0.00845	0.00827	0.207	0.0245	0.0000084	58.3	0.0000434	0.00475	0.000441
2100 Jul	361	0.0963	0.345	0.0126	29.9	0.129	191	0.00556	0.000973	0.00000659	0.00846	0.00829	0.208	0.0246	0.00000841	58.4	0.0000434	0.00476	0.000442
2100 Aug	361	0.0963	0.344	0.0126	29.8	0.129	191	0.00557	0.000973	0.00000659	0.00847	0.0083	0.208	0.0246	0.00000841	58.4	0.0000435	0.00477	0.000442
2100 Sep	361	0.0962	0.344	0.0126	29.8	0.129	192	0.00557	0.000973	0.00000659	0.00848	0.00831	0.208	0.0246	0.00000842	58.5	0.0000435	0.00477	0.000442
2100 Oct	362	0.0962	0.344	0.0126	29.8	0.129	192	0.00558	0.000973	0.00000659	0.00848	0.00832	0.208	0.0246	0.00000842	58.6	0.0000436	0.00478	0.000443
2100 Nov	362	0.0962	0.344	0.0126	29.8	0.129	192	0.00558	0.000973	0.00000659	0.00848	0.00832	0.208	0.0246	0.00000842	58.6	0.0000436	0.00478	0.000443
2100 Dec	362	0.0962	0.344	0.0126	29.8	0.129	192	0.00558	0.000973	0.00000659	0.00848	0.00832	0.208	0.0246	0.00000842	58.6	0.0000436	0.00478	0.000443
2101 Jan	362	0.0962	0.344	0.0126	29.8	0.129	192	0.00558	0.000973	0.00000659	0.00848	0.00832	0.208	0.0246	0.00000842	58.6	0.0000436	0.00478	0.000443

Appendix D.3-2: TIRI

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2101 Feb	362	0.0962	0.344	0.0126	29.8	0.129	192	0.00558	0.000973	0.00000659	0.00848	0.00832	0.208	0.0246	0.00000842	58.6	0.0000436	0.00478	0.000443
2101 Mar	362	0.0962	0.344	0.0126	29.8	0.129	192	0.00558	0.000973	0.00000659	0.00848	0.00832	0.208	0.0246	0.00000842	58.6	0.0000436	0.00478	0.000443
2101 Apr	362	0.0962	0.344	0.0126	29.8	0.129	192	0.00558	0.000973	0.0000066	0.00848	0.00832	0.208	0.0246	0.00000842	58.6	0.0000436	0.00478	0.000443
2101 May	362	0.0962	0.343	0.0126	29.8	0.129	192	0.00559	0.000973	0.0000066	0.00849	0.00833	0.209	0.0247	0.00000843	58.7	0.0000436	0.00479	0.000443
2101 Jun	363	0.0959	0.341	0.0127	29.6	0.13	193	0.00561	0.000972	0.0000066	0.0085	0.00837	0.209	0.0247	0.00000843	58.9	0.0000437	0.0048	0.000445
2101 Jul	363	0.0961	0.342	0.0127	29.7	0.13	193	0.00563	0.000974	0.00000661	0.00852	0.00839	0.21	0.0248	0.00000845	59	0.0000438	0.00481	0.000446
2101 Aug	364	0.0963	0.342	0.0127	29.7	0.13	194	0.00564	0.000976	0.00000663	0.00854	0.00841	0.21	0.0249	0.00000847	59.2	0.0000439	0.00482	0.000447
2101 Sep	364	0.0963	0.342	0.0127	29.7	0.13	194	0.00564	0.000976	0.00000663	0.00854	0.00841	0.21	0.0248	0.00000847	59.1	0.0000439	0.00482	0.000447
2101 Oct	364	0.0963	0.342	0.0127	29.7	0.13	194	0.00564	0.000976	0.00000662	0.00854	0.00841	0.21	0.0248	0.00000847	59.1	0.0000439	0.00482	0.000447
2101 Nov	364	0.0962	0.342	0.0127	29.7	0.13	194	0.00563	0.000976	0.00000662	0.00853	0.0084	0.21	0.0248	0.00000846	59.1	0.0000439	0.00482	0.000446
2101 Dec	364	0.0962	0.342	0.0127	29.7	0.13	194	0.00563	0.000975	0.00000662	0.00853	0.0084	0.21	0.0248	0.00000846	59.1	0.0000439	0.00482	0.000446
2102 Jan	364	0.0962	0.342	0.0127	29.7	0.13	194	0.00563	0.000975	0.00000662	0.00853	0.0084	0.21	0.0248	0.00000846	59.1	0.0000439	0.00482	0.000446
2102 Feb	364	0.0962	0.342	0.0127	29.7	0.13	194	0.00563	0.000975	0.00000662	0.00853	0.0084	0.21	0.0248	0.00000846	59.1	0.0000439	0.00482	0.000446
2102 Mar	364	0.0962	0.342	0.0127	29.7	0.13	194	0.00563	0.000976	0.00000662	0.00853	0.0084	0.21	0.0248	0.00000846	59.1	0.0000439	0.00482	0.000446
2102 Apr	364	0.0963	0.342	0.0127	29.7	0.13	194	0.00563	0.000976	0.00000662	0.00853	0.0084	0.21	0.0248	0.00000846	59.1	0.0000439	0.00482	0.000447
2102 May	364	0.0963	0.342	0.0127	29.7	0.13	194	0.00564	0.000976	0.00000663	0.00854	0.00841	0.21	0.0248	0.00000847	59.1	0.0000439	0.00482	0.000447
2102 Jun	365	0.0958	0.339	0.0127	29.5	0.131	195	0.00567	0.000974	0.00000662	0.00856	0.00845	0.211	0.0249	0.00000848	59.4	0.000044	0.00484	0.000448
2102 Jul	366	0.0956	0.337	0.0127	29.4	0.131	195	0.00569	0.000974	0.00000663	0.00858	0.00849	0.212	0.0249	0.00000849	59.6	0.0000442	0.00486	0.000449
2102 Aug	366	0.0958	0.338	0.0128	29.4	0.131	196	0.0057	0.000976	0.00000664	0.00859	0.0085	0.212	0.025	0.0000085	59.7	0.0000442	0.00487	0.00045
2102 Sep	366	0.0958	0.338	0.0128	29.4	0.131	196	0.0057	0.000976	0.00000664	0.00859	0.0085	0.212	0.025	0.0000085	59.7	0.0000443	0.00487	0.00045
2102 Oct	366	0.0956	0.337	0.0127	29.3	0.131	196	0.0057	0.000975	0.00000663	0.00858	0.0085	0.212	0.025	0.0000085	59.7	0.0000442	0.00487	0.00045
2102 Nov	366	0.0956	0.336	0.0127	29.3	0.131	196	0.0057	0.000975	0.00000663	0.00859	0.0085	0.212	0.025	0.0000085	59.7	0.0000442	0.00487	0.00045
2102 Dec	366	0.0956	0.336	0.0127	29.3	0.131	196	0.0057	0.000975	0.00000663	0.00859	0.0085	0.212	0.025	0.0000085	59.7	0.0000442	0.00487	0.00045
2103 Jan	366	0.0956	0.336	0.0127	29.3	0.131	196	0.0057	0.000975	0.00000663	0.00859	0.0085	0.212	0.025	0.0000085	59.7	0.0000442	0.00487	0.00045
2103 Feb	366	0.0956	0.336	0.0127	29.3	0.131	196	0.0057	0.000975	0.00000663	0.00859	0.0085	0.212	0.025	0.0000085	59.7	0.0000442	0.00487	0.00045
2103 Mar	366	0.0956	0.337	0.0127	29.3	0.131	196	0.0057	0.000975	0.00000663	0.00859	0.0085	0.212	0.025	0.0000085	59.7	0.0000442	0.00487	0.00045
2103 Apr	366	0.0956	0.337	0.0128	29.3	0.131	196	0.00571	0.000975	0.00000663	0.00859	0.00851	0.212	0.025	0.0000085	59.7	0.0000443	0.00487	0.00045
2103 May	367	0.0956	0.336	0.0128	29.3	0.131	196	0.00572	0.000975	0.00000664	0.0086	0.00852	0.213	0.025	0.00000851	59.8	0.0000443	0.00487	0.000451
2103 Jun	367	0.0951	0.333	0.0128	29.1	0.132	197	0.00574	0.000973	0.00000663	0.00861	0.00856	0.213	0.0251	0.00000851	60	0.0000444	0.00489	0.000452
2103 Jul	368	0.0952	0.332	0.0128	29	0.132	197	0.00576	0.000974	0.00000664	0.00862	0.00858	0.214	0.0251	0.00000852	60.2	0.0000445	0.0049	0.000453
2103 Aug	368	0.0951	0.332	0.0128	29	0.132	198	0.00577	0.000975	0.00000664	0.00864	0.0086	0.214	0.0252	0.00000853	60.3	0.0000446	0.00491	0.000454
2103 Sep	368	0.095	0.331	0.0128	28.9	0.132	198	0.00578	0.000974	0.00000664	0.00864	0.00862	0.214	0.0252	0.00000853	60.4	0.0000446	0.00492	0.000454
2103 Oct	368	0.0947	0.329	0.0128	28.8	0.132	198	0.00579	0.000972	0.00000663	0.00864	0.00863	0.215	0.0252	0.00000853	60.4	0.0000446	0.00492	0.000454
2103 Nov	368	0.0946	0.328	0.0128	28.7	0.132	198	0.0058	0.000972	0.00000663	0.00864	0.00864	0.215	0.0252	0.00000852	60.5	0.0000446	0.00492	0.000454
2103 Dec	368	0.0946	0.328	0.0128	28.7	0.132	198	0.0058	0.000972	0.00000663	0.00864	0.00864	0.215	0.0252	0.00000852	60.5	0.0000446	0.00492	0.000454
2104 Jan	368	0.0946	0.328	0.0128	28.7	0.132	198	0.0058	0.000972	0.00000663	0.00864	0.00864	0.215	0.0252	0.00000852	60.5	0.0000446	0.00492	0.000454
2104 Feb	368	0.0946	0.328	0.0128	28.7	0.132	198	0.0058	0.000972	0.00000663	0.00864	0.00864	0.215	0.0252	0.00000853	60.5	0.0000446	0.00492	0.000454
2104 Mar	368	0.0946	0.328	0.0128	28.7	0.132	198	0.0058	0.000972	0.00000663	0.00864	0.00864	0.215	0.0252	0.00000853	60.5	0.0000446	0.00492	0.000454
2104 Apr	368	0.0947	0.328	0.0128	28.8	0.132	198	0.0058	0.000972	0.00000663	0.00864	0.00864	0.215	0.0252	0.00000853	60.5	0.0000447	0.00493	0.000454
2104 May	369	0.0946	0.328	0.0128	28.7	0.132	199	0.0058	0.000972	0.00000664	0.00865	0.00865	0.215	0.0252	0.00000853	60.6	0.0000447	0.00493	0.000455
2104 Jun	369	0.0942	0.325	0.0128	28.5	0.132	199	0.00582	0.000969	0.00000662	0.00865	0.00867	0.215	0.0252	0.00000852	60.7	0.0000447	0.00494	0.000455
2104 Jul	369	0.0943	0.325	0.0128	28.5	0.133	199	0.00583	0.000971	0.00000664	0.00866	0.00869	0.216	0.0253	0.00000854	60.8	0.0000448	0.00495	0.000456
2104 Aug	370	0.0944	0.325	0.0128	28.6	0.133	200	0.00584	0.000972	0.00000664	0.00867	0.0087	0.216	0.0253	0.00000855	60.8	0.0000449	0.00495	0.000457
2104 Sep	370	0.0943	0.325	0.0128	28.5	0.133	200	0.00584	0.000971	0.00000664	0.00867	0.0087	0.216	0.0253	0.00000855	60.9	0.0000449	0.00495	0.000457
2104 Oct	370	0.0941	0.323	0.0128	28.4	0.133	200	0.00585	0.00097	0.00000664	0.00867	0.00871	0.216	0.0253	0.00000854	60.9	0.0000449	0.00496	0.000457
2104 Nov	370	0.0941	0.323	0.0128	28.4	0.133	200	0.00585	0.00097	0.00000663	0.00867	0.00872	0.216	0.0253	0.00000854	60.9	0.0000449	0.00496	0.000457
2104 Dec	370	0.0941	0.323	0.0128	28.4	0.133	200	0.00585	0.00097	0.00000663	0.00867	0.00872	0.216	0.0253	0.00000854	60.9	0.0000449	0.00496	0.000457
2105 Jan	370	0.0941	0.323	0.0128	28.4	0.133	200	0.00585	0.00097	0.00000663	0.00867	0.00872	0.216	0.0253	0.00000854	60.9	0.0000449	0.00496	0.000457
2105 Feb	370	0.0941	0.323	0.0128	28.4	0.133	200	0.00585	0.00097	0.00000663	0.00867	0.00872	0.216	0.0253	0.00000854	60.9	0.0000449	0.00496	0.000457
2105 Mar	370	0.0941	0.323	0.0128	28.4	0.133	200	0.00585	0.00097	0.00000663	0.00867	0.00872	0.216	0.0253	0.00000854	60.9	0.0000449	0.00496	0.000457
2105 Apr	370	0.0941	0.323	0.0128	28.4	0.133	200	0.00585	0.00097	0.00000664	0.00867	0.00872	0.216	0.0253	0.00000855	61	0.0000449	0.00496	0.000457
2105 May	370	0.0941	0.323	0.0128	28.4	0.133	200	0.00586	0.00097	0.00000664	0.00868	0.00873	0.216	0.0253	0.00000855	61	0.0000449	0.00496	0.000458
2105 Jun	370	0.0939	0.322	0.0128	28.3	0.133	200	0.00587	0.00097	0.00000664	0.00869	0.00874	0.217	0.0253	0.00000855	61.1	0.000045	0.00497	0.000458
2105 Jul	371	0.0941	0.322	0.0129	28.3	0.133	201	0.00588	0.000971	0.00000665	0.0087	0.00876	0.217	0.0254	0.00000857	61.2	0.0000451	0.00498	0.000459
2105 Aug	371	0.0939	0.321	0.0129	28.3	0.134	201	0.00589	0.000971	0.00000665	0.00871	0.00878	0.217	0.0254	0.00000857	61.3	0.0000451	0.00499	0.00046
2105 Sep	371	0.0937	0.319	0.0129	28.2	0.134	202	0.0059	0.00097	0.00000664	0.00871	0.00879	0.218	0.0254	0.00000857	61.4	0.0000451	0.005	0.00046
2105 Oct	371	0.0935	0.318	0.0129	28.1	0.134	202	0.00591	0.000968	0.00000664	0.00871	0.0088	0.218	0.0254	0.00000857	61.5	0.0000452	0.005	0.00046
2105 Nov	371	0.0934	0.318	0.0129	28	0.134	202	0.00591	0.000968	0.00000664	0.00871	0.00881	0.218	0.0254	0.00000856	61.5	0.0000452	0.005	0.00046
2105 Dec	371	0.0934	0.318	0.0129	28	0.134	202	0.00591	0.000968	0.00000664	0.00871	0.00881	0.218	0.0254	0.00000856	61.5	0.0000452	0.005	0.00046
2106 Jan	371	0.0934	0.318	0.0129	28	0.134	202	0.00591	0.000968	0.00000664	0.00871	0.00881	0.218	0.0254	0.00000856	61.5	0.0000452	0.005	0.00046
2106 Feb	371	0.0934	0.318	0.0129	28	0.134	202	0.00591	0.000968	0.00000664	0.00871	0.00881	0.218	0.0254	0.00000856	61.5	0.0000452	0.005	0.00046
2106 Mar	371	0.0934	0.318	0.0129	28	0.134	202	0.00591	0.000968	0.00000664	0.00871	0.00881	0.218	0.0254	0.00000856	61.5	0.0000452	0.005	0.00046
2106 Apr	372	0.0935	0.318	0.0129	28	0.134	202	0.00592	0.000968	0.00000664	0.00871	0.00881	0.218	0.0254	0.00000857	61.5	0.0000452	0.005	0.00046
2106 May	372	0.0935	0.318	0.0129	28	0.134	202	0.00592	0.000969	0.00000664	0.00872	0.00882	0.218	0.0254	0.00000857	61.5	0.0000452	0.00501	0.000461
2106 Jun	372	0.093	0.314	0.0129	27.8	0.134	202	0.00593	0.000965	0.00000663	0.00872	0.00884	0.218	0.0255	0.00000856	61.7	0.0000452	0.00501	0.000461
2106 Jul	372	0.093	0.314	0.0129	27.8	0.134	203	0.00595	0.000967	0.00000664	0.00873	0.00886	0.219	0.0255	0.00000858	61.8	0.0000453	0.00503	0.000462
2106 Aug	373	0.0929	0.313	0.0129	27.7	0.134	203	0.00596	0.000966	0.00000664	0.00874	0.00888	0.219	0.0255	0.00000858	61.9	0.0000454	0.00503	0.000462
2106 Sep	373	0.0927	0.312	0.0129	27.6	0.134	203	0.00597	0.000965	0.00000663	0.00874	0.00889	0.219	0.0255	0.00000858	62	0.0000454	0.00504	0.000463
2106 Oct	373	0.0927	0.312	0.0129	27.6	0.134	204	0.00597	0.000965	0.00000663	0.00874	0.0089	0.22	0.0255	0.00000858	62	0.0000454	0.00504	0.000463
2106 Nov	373	0.0927	0.312	0.0129	27.6	0.135	204	0.00597	0.000965	0.00000663	0.00874	0.0089	0.22	0.0255	0.00000858	62	0.0000454	0.00504	0.000463
2106 Dec	373	0.0927	0.312	0.0129	27.6	0.135	204	0.00597	0.000965	0.00000663	0.00874	0.0089	0.22	0.0255	0.00000858	62	0.0000454	0.00504	0.000463
2107 Jan	373	0.0927	0.312	0.0129	27.6	0.135	204	0.00597	0.000965	0.00000663	0.00874	0.0089	0.22	0.0255	0.00000858	62	0.0000454	0.00504	0.000463
2107 Feb	373	0.0927	0.312	0.0129	27.6	0.135	204	0.00597	0.000965	0.00000663	0.00874	0.0089	0.22	0.0255	0.00000858	62	0.0000454	0.00504	0.000463
2107 Mar	373	0.0927	0.312	0.0129	27.6	0.135	204	0.00597	0.000965	0.00000663	0.00874	0.0089	0.22	0.0255	0.00000858	62	0.0000454	0.00504	0.000463
2107 Apr	373	0.0927	0.312	0.0129	27.6	0.135	204	0.00598	0.000965	0.00000664	0.00874	0.0089	0.22	0.0255	0.00000858	62	0.0000454	0.00504	0.000463
2107 May	373	0.0926	0.311	0.0129	27.6	0.135	204	0.00598	0.000965	0.00000664	0.00875	0.00891	0.22	0.0256	0.00000858	62	0.0000455	0.00505	0.000463
2107 Jun	373	0.0924	0.309	0.0129	27.4	0.135	204	0.00599	0.000964	0.00000663	0.00875	0.00892	0.22	0.0256	0.00000858	62.1	0.0000455	0.00505	0.000464

Appendix D.3-2: TIRI

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2107 Jul	374	0.0925	0.31	0.0129	27.5	0.135	204	0.006	0.000965	0.00000664	0.00876	0.00893	0.22	0.0256	0.00000859	62.2	0.0000456	0.00506	0.000464
2107 Aug	374	0.0926	0.31	0.0129	27.5	0.135	205	0.00601	0.000966	0.00000665	0.00877	0.00895	0.221	0.0256	0.00000861	62.3	0.0000456	0.00507	0.000465
2107 Sep	374	0.0926	0.31	0.0129	27.5	0.135	205	0.00601	0.000966	0.00000665	0.00878	0.00895	0.221	0.0257	0.00000861	62.3	0.0000456	0.00507	0.000465
2107 Oct	374	0.0926	0.31	0.0129	27.5	0.135	205	0.00601	0.000966	0.00000665	0.00878	0.00896	0.221	0.0257	0.00000861	62.4	0.0000457	0.00507	0.000465
2107 Nov	374	0.0925	0.309	0.0129	27.5	0.135	205	0.00601	0.000966	0.00000665	0.00878	0.00896	0.221	0.0257	0.00000861	62.4	0.0000457	0.00507	0.000465
2107 Dec	374	0.0925	0.309	0.0129	27.5	0.135	205	0.00601	0.000966	0.00000665	0.00878	0.00896	0.221	0.0257	0.00000861	62.4	0.0000457	0.00507	0.000465
2108 Jan	374	0.0925	0.309	0.0129	27.5	0.135	205	0.00601	0.000966	0.00000665	0.00878	0.00896	0.221	0.0257	0.00000861	62.4	0.0000457	0.00507	0.000465
2108 Feb	374	0.0925	0.309	0.0129	27.5	0.135	205	0.00601	0.000966	0.00000665	0.00878	0.00896	0.221	0.0257	0.00000861	62.4	0.0000457	0.00507	0.000465
2108 Mar	375	0.0925	0.309	0.0129	27.5	0.135	205	0.00601	0.000966	0.00000665	0.00878	0.00896	0.221	0.0257	0.00000861	62.4	0.0000457	0.00507	0.000465
2108 Apr	375	0.0926	0.31	0.0129	27.5	0.135	205	0.00602	0.000966	0.00000665	0.00878	0.00896	0.221	0.0257	0.00000861	62.4	0.0000457	0.00507	0.000466
2108 May	375	0.0927	0.31	0.013	27.5	0.135	205	0.00602	0.000967	0.00000666	0.00879	0.00897	0.221	0.0257	0.00000862	62.5	0.0000457	0.00508	0.000466
2108 Jun	375	0.0924	0.308	0.0129	27.4	0.135	205	0.00603	0.000966	0.00000665	0.00879	0.00898	0.221	0.0257	0.00000862	62.5	0.0000457	0.00508	0.000466
2108 Jul	376	0.0926	0.309	0.013	27.4	0.136	206	0.00604	0.000968	0.00000667	0.00881	0.009	0.222	0.0258	0.00000864	62.7	0.0000459	0.00509	0.000467
2108 Aug	377	0.0928	0.31	0.013	27.5	0.136	206	0.00606	0.000971	0.00000668	0.00884	0.00902	0.222	0.0258	0.00000866	62.8	0.000046	0.00511	0.000469
2108 Sep	377	0.0929	0.31	0.013	27.5	0.136	206	0.00606	0.000971	0.00000669	0.00884	0.00903	0.222	0.0258	0.00000866	62.8	0.000046	0.00511	0.000469
2108 Oct	376	0.0927	0.309	0.013	27.5	0.136	206	0.00605	0.000969	0.00000668	0.00883	0.00902	0.222	0.0258	0.00000865	62.8	0.0000459	0.0051	0.000468
2108 Nov	376	0.0927	0.309	0.013	27.4	0.136	206	0.00605	0.000969	0.00000668	0.00883	0.00902	0.222	0.0258	0.00000865	62.8	0.0000459	0.0051	0.000468
2108 Dec	376	0.0927	0.309	0.013	27.4	0.136	206	0.00605	0.000969	0.00000668	0.00883	0.00902	0.222	0.0258	0.00000865	62.8	0.0000459	0.0051	0.000468
2109 Jan	376	0.0927	0.309	0.013	27.4	0.136	206	0.00605	0.000969	0.00000668	0.00883	0.00902	0.222	0.0258	0.00000865	62.8	0.0000459	0.0051	0.000468
2109 Feb	376	0.0927	0.309	0.013	27.4	0.136	206	0.00605	0.000969	0.00000668	0.00883	0.00902	0.222	0.0258	0.00000865	62.8	0.0000459	0.0051	0.000468
2109 Mar	376	0.0927	0.309	0.013	27.4	0.136	206	0.00605	0.000969	0.00000668	0.00883	0.00902	0.222	0.0258	0.00000865	62.8	0.0000459	0.0051	0.000468
2109 Apr	376	0.0927	0.309	0.013	27.5	0.136	206	0.00606	0.00097	0.00000668	0.00883	0.00902	0.222	0.0258	0.00000865	62.8	0.0000459	0.0051	0.000468
2109 May	377	0.0927	0.308	0.013	27.4	0.136	206	0.00606	0.00097	0.00000668	0.00884	0.00903	0.223	0.0258	0.00000866	62.9	0.000046	0.00511	0.000469
2109 Jun	377	0.0926	0.307	0.013	27.4	0.136	207	0.00608	0.00097	0.00000669	0.00885	0.00906	0.223	0.0259	0.00000867	63	0.0000461	0.00512	0.00047
2109 Jul	378	0.0927	0.307	0.013	27.4	0.137	207	0.00609	0.000971	0.00000669	0.00886	0.00908	0.223	0.0259	0.00000868	63.1	0.0000461	0.00513	0.000471
2109 Aug	379	0.0928	0.308	0.0131	27.4	0.137	208	0.00611	0.000973	0.0000067	0.00888	0.0091	0.224	0.026	0.00000869	63.3	0.0000462	0.00514	0.000471
2109 Sep	379	0.0927	0.307	0.0131	27.3	0.137	208	0.00611	0.000972	0.00000671	0.00888	0.00911	0.224	0.026	0.0000087	63.3	0.0000463	0.00515	0.000472
2109 Oct	379	0.0924	0.305	0.0131	27.2	0.137	208	0.00613	0.000971	0.0000067	0.00889	0.00913	0.224	0.026	0.0000087	63.4	0.0000463	0.00515	0.000472
2109 Nov	379	0.0924	0.305	0.0131	27.2	0.137	208	0.00613	0.000971	0.0000067	0.00889	0.00913	0.225	0.026	0.0000087	63.5	0.0000463	0.00516	0.000472
2109 Dec	379	0.0924	0.305	0.0131	27.2	0.137	208	0.00613	0.000971	0.0000067	0.00889	0.00913	0.225	0.026	0.0000087	63.5	0.0000463	0.00516	0.000472
2110 Jan	379	0.0924	0.305	0.0131	27.2	0.137	208	0.00613	0.000971	0.0000067	0.00889	0.00913	0.225	0.026	0.0000087	63.5	0.0000463	0.00516	0.000472
2110 Feb	379	0.0924	0.305	0.0131	27.2	0.137	208	0.00613	0.000971	0.0000067	0.00889	0.00913	0.225	0.026	0.0000087	63.5	0.0000463	0.00516	0.000472
2110 Mar	379	0.0925	0.305	0.0131	27.2	0.137	208	0.00613	0.000971	0.0000067	0.00889	0.00913	0.225	0.026	0.0000087	63.5	0.0000463	0.00516	0.000472
2110 Apr	379	0.0925	0.305	0.0131	27.2	0.137	209	0.00613	0.000971	0.0000067	0.00889	0.00913	0.225	0.026	0.0000087	63.5	0.0000463	0.00516	0.000472
2110 May	380	0.0925	0.305	0.0131	27.2	0.137	209	0.00614	0.000972	0.00000671	0.0089	0.00914	0.225	0.026	0.0000087	63.5	0.0000464	0.00516	0.000473
2110 Jun	380	0.092	0.301	0.0131	27	0.138	210	0.00617	0.000969	0.0000067	0.00891	0.00918	0.226	0.0261	0.00000871	63.8	0.0000465	0.00518	0.000474
2110 Jul	381	0.0921	0.301	0.0131	27	0.138	210	0.00618	0.000971	0.00000671	0.00893	0.0092	0.226	0.0261	0.00000872	63.9	0.0000466	0.00519	0.000475
2110 Aug	381	0.0917	0.299	0.0131	26.8	0.138	211	0.00621	0.000969	0.0000067	0.00893	0.00924	0.227	0.0261	0.00000872	64.1	0.0000467	0.00521	0.000476
2110 Sep	381	0.0913	0.296	0.0131	26.6	0.138	211	0.00622	0.000966	0.00000669	0.00893	0.00926	0.227	0.0261	0.00000871	64.2	0.0000467	0.00521	0.000476
2110 Oct	381	0.0909	0.294	0.0131	26.4	0.138	211	0.00622	0.000964	0.00000668	0.00892	0.00926	0.227	0.0261	0.00000871	64.2	0.0000467	0.00521	0.000476
2110 Nov	381	0.0909	0.294	0.0131	26.4	0.138	211	0.00622	0.000963	0.00000668	0.00892	0.00927	0.227	0.0261	0.0000087	64.2	0.0000467	0.00521	0.000476
2110 Dec	381	0.0909	0.294	0.0131	26.4	0.138	211	0.00622	0.000963	0.00000668	0.00892	0.00927	0.227	0.0261	0.0000087	64.2	0.0000467	0.00521	0.000476
2111 Jan	381	0.0909	0.294	0.0131	26.4	0.138	211	0.00622	0.000963	0.00000668	0.00892	0.00927	0.227	0.0261	0.0000087	64.2	0.0000467	0.00521	0.000476
2111 Feb	381	0.0909	0.294	0.0131	26.4	0.138	211	0.00622	0.000963	0.00000668	0.00892	0.00927	0.227	0.0261	0.0000087	64.2	0.0000467	0.00521	0.000476
2111 Mar	381	0.0909	0.294	0.0131	26.4	0.138	211	0.00622	0.000963	0.00000668	0.00892	0.00927	0.227	0.0261	0.0000087	64.2	0.0000467	0.00521	0.000476
2111 Apr	381	0.0909	0.294	0.0131	26.4	0.138	211	0.00623	0.000964	0.00000668	0.00893	0.00927	0.227	0.0261	0.00000871	64.2	0.0000467	0.00522	0.000476
2111 May	381	0.0909	0.294	0.0131	26.4	0.138	211	0.00623	0.000964	0.00000668	0.00893	0.00928	0.227	0.0261	0.00000871	64.3	0.0000467	0.00522	0.000476
2111 Jun	381	0.0906	0.291	0.0131	26.2	0.138	212	0.00624	0.000962	0.00000667	0.00893	0.00929	0.227	0.0262	0.0000087	64.3	0.0000467	0.00522	0.000477
2111 Jul	382	0.0908	0.292	0.0131	26.3	0.139	212	0.00625	0.000964	0.00000669	0.00895	0.00931	0.228	0.0262	0.00000872	64.5	0.0000468	0.00524	0.000478
2111 Aug	382	0.0907	0.291	0.0131	26.2	0.139	212	0.00626	0.000964	0.00000669	0.00895	0.00932	0.228	0.0262	0.00000873	64.5	0.0000469	0.00524	0.000478
2111 Sep	382	0.0906	0.29	0.0131	26.2	0.139	212	0.00627	0.000963	0.00000669	0.00896	0.00933	0.228	0.0262	0.00000873	64.6	0.0000469	0.00525	0.000478
2111 Oct	382	0.0904	0.289	0.0131	26.1	0.139	212	0.00627	0.000962	0.00000668	0.00895	0.00933	0.228	0.0262	0.00000872	64.6	0.0000469	0.00525	0.000478
2111 Nov	382	0.0902	0.288	0.0131	26	0.139	212	0.00627	0.000961	0.00000667	0.00895	0.00933	0.228	0.0262	0.00000871	64.6	0.0000469	0.00525	0.000478
2111 Dec	382	0.0902	0.288	0.0131	26	0.139	212	0.00627	0.000961	0.00000667	0.00895	0.00933	0.228	0.0262	0.00000871	64.6	0.0000469	0.00525	0.000478
2112 Jan	382	0.0902	0.288	0.0131	26	0.139	212	0.00627	0.000961	0.00000668	0.00895	0.00934	0.228	0.0262	0.00000871	64.6	0.0000469	0.00525	0.000478
2112 Feb	382	0.0902	0.288	0.0131	26	0.139	212	0.00627	0.000961	0.00000668	0.00895	0.00934	0.228	0.0262	0.00000871	64.6	0.0000469	0.00525	0.000478
2112 Mar	382	0.0902	0.288	0.0131	26	0.139	213	0.00627	0.000961	0.00000668	0.00895	0.00934	0.228	0.0262	0.00000871	64.6	0.0000469	0.00525	0.000478
2112 Apr	382	0.0902	0.288	0.0131	26	0.139	213	0.00627	0.000961	0.00000668	0.00895	0.00934	0.228	0.0262	0.00000872	64.6	0.0000469	0.00525	0.000478
2112 May	382	0.0902	0.288	0.0131	26	0.139	213	0.00628	0.000961	0.00000668	0.00896	0.00935	0.229	0.0263	0.00000872	64.7	0.0000469	0.00525	0.000479
2112 Jun	381	0.0894	0.283	0.0131	25.7	0.139	213	0.00628	0.000956	0.00000665	0.00894	0.00935	0.228	0.0262	0.00000869	64.7	0.0000468	0.00525	0.000479
2112 Jul	382	0.0895	0.283	0.0131	25.7	0.139	213	0.00628	0.000956	0.00000666	0.00895	0.00936	0.229	0.0263	0.0000087	64.8	0.0000469	0.00526	0.000479
2112 Aug	382	0.0896	0.283	0.0131	25.7	0.139	213	0.00629	0.000958	0.00000667	0.00897	0.00938	0.229	0.0263	0.00000871	64.9	0.000047	0.00527	0.00048
2112 Sep	382	0.0896	0.283	0.0131	25.7	0.139	213	0.0063	0.000958	0.00000667	0.00897	0.00938	0.229	0.0263	0.00000872	64.9	0.000047	0.00527	0.00048
2112 Oct	382	0.0895	0.283	0.0131	25.6	0.139	213	0.0063	0.000957	0.00000667	0.00897	0.00938	0.229	0.0263	0.00000871	64.9	0.000047	0.00527	0.00048
2112 Nov	382	0.0895	0.283	0.0131	25.6	0.139	213	0.0063	0.000957	0.00000667	0.00897	0.00939	0.229	0.0263	0.00000871	64.9	0.000047	0.00527	0.00048
2112 Dec	382	0.0895	0.283	0.0131	25.6	0.139	213	0.0063	0.000957	0.00000667	0.00897	0.00939	0.229	0.0263	0.00000872	64.9	0.000047	0.00527	0.00048
2113 Jan	382	0.0895	0.283	0.0131	25.6	0.139	213	0.0063	0.000957	0.00000667	0.00897	0.00939	0.229	0.0263	0.00000872	64.9	0.000047	0.00527	0.00048
2113 Feb	382	0.0895	0.283	0.0131	25.6	0.139	213	0.0063	0.000957	0.00000667	0.00897	0.00939	0.229	0.0263	0.00000872	64.9	0.000047	0.00527	0.00048
2113 Mar	383	0.0895	0.283	0.0131	25.6	0.139	214	0.0063	0.000957	0.00000667	0.00897	0.00939	0.229	0.0263	0.00000872	64.9	0.000047	0.00527	0.00048
2113 Apr	383	0.0895	0.283	0.0131	25.7	0.139	214	0.0063	0.000958	0.00000667	0.00897	0.00939	0.229	0.0263	0.00000872	64.9	0.000047	0.00527	0.00048
2113 May	383	0.0895	0.283	0.0131	25.6	0.139	214	0.00631	0.000958	0.00000667	0.00898	0.0094	0.23	0.0263	0.00000872	65	0.0000471	0.00528	0.000481
2113 Jun	383	0.0892	0.28	0.0131	25.5	0.139	214	0.00631	0.000956	0.00000666	0.00897	0.0094	0.23	0.0264	0.00000871	65	0.0000471	0.00528	0.000481
2113 Jul	383	0.0894	0.281	0.0131	25.5	0.14	214	0.00632	0.000958	0.00000667	0.00899	0.00942	0.23	0.0264	0.00000873	65.2	0.0000472	0.00529	0.000482
2113 Aug	384	0.0895	0.281	0.0131	25.6	0.14	215	0.00633	0.000959	0.00000668	0.009	0.00943	0.23	0.0264	0.00000874	65.2	0.0000472	0.0053	0.000483
2113 Sep	384	0.0894	0.281	0.0131	25.5	0.14	215	0.00633	0.000959	0.00000668	0.009	0.00944	0.23	0.0264	0.00000874	65.3	0.0000472	0.0053	0.000483
2113 Oct	383	0.0891	0.279	0.0131	25.4	0.14	215	0.00633	0.000956	0.00000667	0.00899	0.00944	0.23	0.0264	0.00000873	65.3	0.0000472	0.0053	0.000482
2113 Nov	383	0.089	0.278	0.0131	25.3	0.14	215	0.00633	0.000955	0.00000666	0.00899	0.00944	0.231	0.0264	0.00000873	65.3	0.0000472	0.0053	0.000482

Appendix D.3-2: TIRI

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium
2113 Dec	383	0.089	0.278	0.0131	25.3	0.14	215	0.00633	0.000955	0.00000666	0.00899	0.00944	0.231	0.0264	0.00000873	65.3	0.0000472	0.0053	0.000482
2114 Jan	383	0.089	0.278	0.0131	25.3	0.14	215	0.00633	0.000955	0.00000666	0.00899	0.00944	0.231	0.0264	0.00000873	65.3	0.0000472	0.0053	0.000482
2114 Feb	383	0.089	0.278	0.0131	25.3	0.14	215	0.00633	0.000955	0.00000666	0.00899	0.00944	0.231	0.0264	0.00000873	65.3	0.0000472	0.0053	0.000482
2114 Mar	383	0.089	0.278	0.0131	25.3	0.14	215	0.00633	0.000955	0.00000666	0.00899	0.00944	0.231	0.0264	0.00000873	65.3	0.0000472	0.0053	0.000482
2114 Apr	384	0.089	0.278	0.0131	25.3	0.14	215	0.00633	0.000955	0.00000667	0.009	0.00944	0.231	0.0264	0.00000873	65.3	0.0000472	0.0053	0.000483
2114 May	384	0.0889	0.277	0.0131	25.3	0.14	215	0.00634	0.000955	0.00000666	0.009	0.00945	0.231	0.0264	0.00000873	65.3	0.0000472	0.00531	0.000483
2114 Jun	384	0.0888	0.276	0.0131	25.2	0.14	215	0.00635	0.000955	0.00000667	0.00901	0.00947	0.231	0.0265	0.00000873	65.4	0.0000473	0.00532	0.000484
2114 Jul	385	0.0891	0.277	0.0131	25.3	0.14	216	0.00636	0.000957	0.00000668	0.00903	0.00949	0.232	0.0266	0.00000876	65.6	0.0000474	0.00533	0.000485
2114 Aug	386	0.0893	0.278	0.0132	25.4	0.141	216	0.00638	0.00096	0.0000067	0.00906	0.00952	0.232	0.0266	0.00000878	65.8	0.0000476	0.00534	0.000486
2114 Sep	386	0.0892	0.278	0.0132	25.4	0.141	216	0.00638	0.000959	0.0000067	0.00905	0.00951	0.232	0.0266	0.00000877	65.8	0.0000475	0.00534	0.000486
2114 Oct	386	0.0891	0.277	0.0131	25.3	0.141	216	0.00638	0.000958	0.00000669	0.00905	0.00951	0.232	0.0266	0.00000877	65.7	0.0000475	0.00534	0.000486
2114 Nov	385	0.0889	0.276	0.0131	25.2	0.141	216	0.00638	0.000957	0.00000669	0.00904	0.00951	0.232	0.0266	0.00000876	65.8	0.0000475	0.00534	0.000486
2114 Dec	385	0.0889	0.276	0.0131	25.2	0.141	216	0.00638	0.000957	0.00000669	0.00904	0.00952	0.232	0.0266	0.00000876	65.8	0.0000475	0.00534	0.000486
2115 Jan	386	0.0889	0.276	0.0131	25.2	0.141	216	0.00638	0.000957	0.00000669	0.00904	0.00952	0.232	0.0266	0.00000876	65.8	0.0000475	0.00534	0.000486
2115 Feb	386	0.0889	0.276	0.0131	25.2	0.141	216	0.00638	0.000957	0.00000669	0.00904	0.00952	0.232	0.0266	0.00000876	65.8	0.0000475	0.00534	0.000486
2115 Mar	386	0.0889	0.276	0.0131	25.2	0.141	216	0.00638	0.000957	0.00000669	0.00905	0.00952	0.232	0.0266	0.00000876	65.8	0.0000475	0.00534	0.000486
2115 Apr	386	0.089	0.276	0.0131	25.2	0.141	216	0.00638	0.000957	0.00000669	0.00905	0.00952	0.232	0.0266	0.00000877	65.8	0.0000475	0.00534	0.000486
2115 May	386	0.0889	0.275	0.0131	25.2	0.141	217	0.00638	0.000957	0.00000669	0.00905	0.00952	0.232	0.0266	0.00000877	65.8	0.0000476	0.00535	0.000486
2115 Jun	386	0.089	0.275	0.0132	25.2	0.141	217	0.0064	0.000958	0.0000067	0.00907	0.00954	0.233	0.0267	0.00000878	65.9	0.0000476	0.00536	0.000487
2115 Jul	387	0.0891	0.276	0.0132	25.2	0.141	217	0.00641	0.00096	0.00000671	0.00909	0.00956	0.233	0.0267	0.0000088	66.1	0.0000477	0.00537	0.000488
2115 Aug	387	0.0891	0.275	0.0132	25.2	0.141	217	0.00641	0.000959	0.00000671	0.00908	0.00956	0.233	0.0267	0.00000879	66.1	0.0000477	0.00537	0.000488
2115 Sep	387	0.089	0.275	0.0132	25.2	0.141	218	0.00641	0.000959	0.00000671	0.00909	0.00957	0.234	0.0267	0.0000088	66.1	0.0000478	0.00537	0.000489
2115 Oct	387	0.089	0.275	0.0132	25.2	0.141	218	0.00642	0.000959	0.00000671	0.00909	0.00958	0.234	0.0267	0.0000088	66.2	0.0000478	0.00538	0.000489
2115 Nov	388	0.0889	0.274	0.0132	25.1	0.142	218	0.00642	0.000958	0.00000671	0.00909	0.00958	0.234	0.0267	0.0000088	66.2	0.0000478	0.00538	0.000489
2115 Dec	388	0.0889	0.274	0.0132	25.1	0.142	218	0.00642	0.000958	0.00000671	0.00909	0.00958	0.234	0.0267	0.0000088	66.2	0.0000478	0.00538	0.000489
2116 Jan	388	0.0889	0.274	0.0132	25.1	0.142	218	0.00642	0.000958	0.00000671	0.00909	0.00958	0.234	0.0267	0.0000088	66.2	0.0000478	0.00538	0.000489
2116 Feb	388	0.0889	0.274	0.0132	25.1	0.142	218	0.00642	0.000958	0.00000671	0.00909	0.00958	0.234	0.0267	0.0000088	66.2	0.0000478	0.00538	0.000489
2116 Mar	388	0.0889	0.274	0.0132	25.1	0.142	218	0.00642	0.000958	0.00000671	0.00909	0.00958	0.234	0.0267	0.0000088	66.2	0.0000478	0.00538	0.000489
2116 Apr	388	0.089	0.274	0.0132	25.1	0.142	218	0.00642	0.000959	0.00000671	0.00909	0.00959	0.234	0.0268	0.0000088	66.2	0.0000478	0.00538	0.000489
2116 May	388	0.089	0.274	0.0132	25.1	0.142	218	0.00643	0.000959	0.00000671	0.0091	0.0096	0.234	0.0268	0.00000881	66.3	0.0000479	0.00539	0.00049
2116 Jun	388	0.0884	0.27	0.0132	24.9	0.142	219	0.00644	0.000955	0.0000067	0.0091	0.00962	0.235	0.0268	0.0000088	66.4	0.0000479	0.0054	0.000491
2116 Jul	389	0.0886	0.271	0.0132	24.9	0.142	219	0.00646	0.000957	0.00000672	0.00913	0.00965	0.235	0.0269	0.00000882	66.6	0.0000481	0.00542	0.000492
2116 Aug	390	0.0888	0.271	0.0132	25	0.143	220	0.00647	0.000959	0.00000673	0.00914	0.00966	0.236	0.0269	0.00000884	66.7	0.0000482	0.00543	0.000493
2116 Sep	390	0.0886	0.27	0.0132	24.9	0.143	220	0.00647	0.000958	0.00000672	0.00914	0.00966	0.236	0.0269	0.00000883	66.7	0.0000481	0.00543	0.000493
2116 Oct	390	0.0884	0.269	0.0132	24.8	0.143	220	0.00647	0.000956	0.00000672	0.00914	0.00967	0.236	0.0269	0.00000883	66.8	0.0000482	0.00543	0.000493
2116 Nov	390	0.0884	0.269	0.0132	24.8	0.143	220	0.00647	0.000956	0.00000672	0.00914	0.00967	0.236	0.0269	0.00000883	66.8	0.0000482	0.00543	0.000493
2116 Dec	390	0.0884	0.269	0.0132	24.8	0.143	220	0.00647	0.000956	0.00000672	0.00914	0.00967	0.236	0.0269	0.00000883	66.8	0.0000482	0.00543	0.000493
2117 Jan	390	0.0884	0.269	0.0132	24.8	0.143	220	0.00647	0.000956	0.00000672	0.00914	0.00967	0.236	0.0269	0.00000883	66.8	0.0000482	0.00543	0.000493
2117 Feb	390	0.0884	0.269	0.0132	24.8	0.143	220	0.00647	0.000956	0.00000672	0.00914	0.00967	0.236	0.0269	0.00000883	66.8	0.0000482	0.00543	0.000493
2117 Mar	390	0.0884	0.269	0.0132	24.8	0.143	220	0.00647	0.000956	0.00000672	0.00914	0.00967	0.236	0.0269	0.00000883	66.8	0.0000482	0.00543	0.000493
2117 Apr	390	0.0884	0.269	0.0132	24.8	0.143	220	0.00647	0.000957	0.00000672	0.00914	0.00968	0.236	0.0269	0.00000883	66.8	0.0000482	0.00544	0.000493
2117 May	390	0.0885	0.269	0.0132	24.8	0.143	220	0.00648	0.000957	0.00000672	0.00915	0.00968	0.236	0.027	0.00000884	66.8	0.0000482	0.00544	0.000493
2117 Jun	390	0.0884	0.268	0.0132	24.7	0.143	220	0.00649	0.000957	0.00000673	0.00916	0.0097	0.237	0.027	0.00000884	67	0.0000483	0.00545	0.000494
2117 Jul	391	0.0886	0.269	0.0133	24.8	0.143	221	0.0065	0.000959	0.00000674	0.00918	0.00972	0.237	0.0271	0.00000886	67.1	0.0000484	0.00546	0.000495
2117 Aug	392	0.0887	0.269	0.0133	24.8	0.144	221	0.00651	0.000961	0.00000675	0.00919	0.00973	0.238	0.0271	0.00000888	67.2	0.0000485	0.00547	0.000496
2117 Sep	392	0.0888	0.269	0.0133	24.9	0.144	221	0.00651	0.000961	0.00000675	0.0092	0.00974	0.238	0.0271	0.00000888	67.2	0.0000485	0.00547	0.000496
2117 Oct	392	0.0888	0.269	0.0133	24.8	0.144	221	0.00651	0.000961	0.00000675	0.00919	0.00973	0.238	0.0271	0.00000888	67.2	0.0000485	0.00547	0.000496
2117 Nov	392	0.0887	0.269	0.0133	24.8	0.143	221	0.00651	0.000961	0.00000675	0.00919	0.00973	0.238	0.0271	0.00000887	67.2	0.0000485	0.00547	0.000496
2117 Dec	392	0.0887	0.269	0.0133	24.8	0.143	221	0.00651	0.00096	0.00000675	0.00919	0.00973	0.238	0.0271	0.00000887	67.2	0.0000485	0.00547	0.000496
2118 Jan	392	0.0887	0.269	0.0133	24.8	0.143	221	0.00651	0.00096	0.00000675	0.00919	0.00973	0.238	0.0271	0.00000887	67.2	0.0000485	0.00547	0.000496
2118 Feb	392	0.0887	0.269	0.0133	24.8	0.143	221	0.00651	0.00096	0.00000675	0.00919	0.00973	0.238	0.0271	0.00000887	67.2	0.0000485	0.00547	0.000496
2118 Mar	392	0.0887	0.269	0.0133	24.8	0.143	221	0.00651	0.000961	0.00000675	0.00919	0.00973	0.238	0.0271	0.00000887	67.2	0.0000485	0.00547	0.000496
2118 Apr	392	0.0888	0.269	0.0133	24.8	0.144	221	0.00651	0.000961	0.00000675	0.00919	0.00973	0.238	0.0271	0.00000888	67.2	0.0000485	0.00547	0.000496
2118 May	392	0.0886	0.268	0.0133	24.8	0.144	222	0.00652	0.00096	0.00000675	0.0092	0.00974	0.238	0.0271	0.00000888	67.3	0.0000485	0.00548	0.000497
2118 Jun	392	0.0882	0.265	0.0133	24.6	0.144	222	0.00653	0.000957	0.00000674	0.0092	0.00977	0.238	0.0272	0.00000887	67.4	0.0000486	0.00549	0.000498
2118 Jul	393	0.0885	0.266	0.0133	24.6	0.144	223	0.00655	0.00096	0.00000676	0.00923	0.0098	0.239	0.0272	0.0000089	67.6	0.0000487	0.0055	0.000499
2118 Aug	393	0.0884	0.266	0.0133	24.6	0.144	223	0.00655	0.00096	0.00000676	0.00923	0.00979	0.239	0.0272	0.0000089	67.6	0.0000487	0.0055	0.000499
2118 Sep	393	0.0881	0.264	0.0133	24.5	0.144	223	0.00656	0.000958	0.00000675	0.00923	0.00981	0.239	0.0273	0.00000889	67.7	0.0000488	0.00551	0.0005
2118 Oct	394	0.0879	0.262	0.0133	24.4	0.145	223	0.00656	0.000956	0.00000674	0.00923	0.00982	0.24	0.0273	0.00000889	67.8	0.0000488	0.00552	0.0005
2118 Nov	394	0.0879	0.262	0.0133	24.3	0.145	223	0.00656	0.000956	0.00000674	0.00923	0.00983	0.24	0.0273	0.00000889	67.8	0.0000488	0.00552	0.0005
2118 Dec	394	0.0879	0.262	0.0133	24.3	0.145	223	0.00656	0.000956	0.00000674	0.00923	0.00983	0.24	0.0273	0.00000889	67.8	0.0000488	0.00552	0.0005
2119 Jan	394	0.0879	0.262	0.0133	24.3	0.145	223	0.00656	0.000956	0.00000674	0.00923	0.00983	0.24	0.0273	0.00000889	67.8	0.0000488	0.00552	0.0005
2119 Feb	394	0.0879	0.262	0.0133	24.3	0.145	223	0.00656	0.000956	0.00000674	0.00923	0.00983	0.24	0.0273	0.00000889	67.8	0.0000488	0.00552	0.0005
2119 Mar	394	0.0879	0.262	0.0133	24.3	0.145	223	0.00656	0.000956	0.00000674	0.00923	0.00983	0.24	0.0273	0.00000889	67.8	0.0000488	0.00552	0.0005
2119 Apr	394	0.0879	0.262	0.0133	24.4	0.145	223	0.00657	0.000956	0.00000675	0.00924	0.00983	0.24	0.0273	0.00000889	67.8	0.0000488	0.00553	0.0005
2119 May	394	0.0877	0.261	0.0133	24.3	0.145	224	0.00657	0.000955	0.00000674	0.00924	0.00984	0.24	0.0273	0.00000889	67.9	0.0000488	0.00553	0.000501
2119 Jun	394	0.0876	0.26	0.0133	24.2	0.145	224	0.00657	0.000954	0.00000674	0.00924	0.00985	0.24	0.0273	0.00000889	67.9	0.0000489	0.00553	0.000501
2119 Jul	395	0.0878	0.26	0.0133	24.2	0.145	224	0.00659	0.000956	0.00000675	0.00926	0.00987	0.241	0.0274	0.00000891	68.1	0.000049	0.00555	0.000502
2119 Aug	395	0.0879	0.261	0.0133	24.3	0.145	225	0.0066	0.000957	0.00000676	0.00927	0.00988	0.241	0.0274	0.00000892	68.2	0.000049	0.00555	0.000503
2119 Sep	395	0.0878	0.26	0.0133	24.2	0.145	225	0.0066	0.000956	0.00000676	0.00927	0.00989	0.241	0.0274	0.00000892	68.2	0.0000491	0.00556	0.000503
2119 Oct	395	0.0876	0.259	0.0133	24.1	0.145	225	0.0066	0.000955	0.00000675	0.00927	0.0099	0.241	0.0274	0.00000891	68.2	0.0000491	0.00556	0.000503
2119 Nov	395	0.0875	0.258	0.0133	24.1	0.145	225	0.0066	0.000954	0.00000675	0.00927	0.0099	0.242	0.0274	0.00000891	68.3	0.0000491	0.00556	0.000503
2119 Dec	395	0.0875	0.258	0.0133	24.1	0.145	225	0.00661	0.000954	0.00000675	0.00927	0.0099	0.242	0.0274	0.00000891	68.3	0.0000491	0.00556	0.000503

Appendix D.3-2: TIRI

Constituents	**Copper**	**Iron**	**Mercury**	**Potassium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**	**Radium 226**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2119): Min	0.000822	0.0122	0.0000018	1.31	1.75	0.00847	0.000278	7.55	0.00187	0.00431	0.000039	0.0000861	0.0000665	0.0591	0.00000184	0.000174	0.000105	0.000789	0.0000032
Post Closure (2044-2119): Mean	0.00237	0.0318	0.0000131	7.07	12.4	0.0838	0.00256	18.3	0.0118	0.0168	0.000154	0.000678	0.000466	0.352	0.00000298	0.00119	0.000652	0.00168	0.00016
Post Closure (2044-2119): Max	0.00355	0.0456	0.0000214	11.5	20.6	0.142	0.00431	22	0.0194	0.0246	0.000243	0.00112	0.000771	0.576	0.00000375	0.00197	0.00105	0.00225	0.00028
Water quality guideline for the protection of aquatic life	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																			
Model Predictions (2044-2119)																			
2044 Jan	0.000822	0.0122	0.0000018	1.31	1.75	0.00847	0.000278	7.55	0.00187	0.00431	0.000039	0.0000861	0.0000665	0.0591	0.00000184	0.000174	0.000105	0.000789	0
2044 Feb	0.000822	0.0122	0.0000018	1.31	1.75	0.00847	0.000278	7.55	0.00187	0.00431	0.000039	0.0000861	0.0000665	0.0591	0.00000184	0.000174	0.000105	0.000789	0
2044 Mar	0.000822	0.0122	0.0000018	1.31	1.75	0.00847	0.000278	7.55	0.00187	0.00431	0.000039	0.0000861	0.0000665	0.0591	0.00000184	0.000174	0.000105	0.000789	0
2044 Apr	0.000822	0.0122	0.0000018	1.31	1.75	0.00847	0.000278	7.56	0.00187	0.00431	0.000039	0.0000861	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.000789	0
2044 May	0.000822	0.0123	0.0000018	1.31	1.75	0.00848	0.000278	7.56	0.00187	0.00431	0.0000391	0.0000861	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.00079	0
2044 Jun	0.000832	0.0126	0.00000192	1.37	1.84	0.00937	0.000302	8.07	0.00194	0.00458	0.0000408	0.0000916	0.0000716	0.0617	0.00000186	0.000181	0.000111	0.000801	0.0000032
2044 Jul	0.000839	0.0128	0.00000198	1.4	1.89	0.00982	0.000314	8.34	0.00197	0.00471	0.0000418	0.0000945	0.0000743	0.0631	0.00000187	0.000185	0.000114	0.000808	0.00000478
2044 Aug	0.000841	0.0128	0.00000198	1.41	1.89	0.00985	0.000315	8.36	0.00198	0.00472	0.0000419	0.0000947	0.0000745	0.0632	0.00000187	0.000186	0.000114	0.00081	0.00000479
2044 Sep	0.00084	0.0128	0.00000198	1.41	1.89	0.00984	0.000315	8.35	0.00198	0.00472	0.0000419	0.0000946	0.0000744	0.0632	0.00000187	0.000186	0.000114	0.000809	0.00000479
2044 Oct	0.00084	0.0128	0.00000198	1.4	1.89	0.00984	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000946	0.0000744	0.0632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2044 Nov	0.00084	0.0128	0.00000198	1.4	1.89	0.00984	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000946	0.0000744	0.0632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2044 Dec	0.00084	0.0128	0.00000198	1.4	1.89	0.00984	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000946	0.0000744	0.0632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2045 Jan	0.00084	0.0128	0.00000198	1.4	1.89	0.00984	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000946	0.0000744	0.0632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2045 Feb	0.00084	0.0128	0.00000198	1.4	1.89	0.00984	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000946	0.0000744	0.0632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2045 Mar	0.00084	0.0128	0.00000198	1.41	1.89	0.00984	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000946	0.0000744	0.0632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2045 Apr	0.00084	0.0128	0.00000198	1.41	1.89	0.00984	0.000315	8.35	0.00198	0.00472	0.0000419	0.0000946	0.0000744	0.0632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2045 May	0.000841	0.0128	0.00000199	1.41	1.89	0.00985	0.000315	8.36	0.00198	0.00473	0.0000419	0.0000947	0.0000745	0.0632	0.00000187	0.000186	0.000114	0.00081	0.00000479
2045 Jun	0.000849	0.013	0.00000208	1.46	1.97	0.0106	0.000335	8.74	0.00203	0.00492	0.0000431	0.0000992	0.0000787	0.0653	0.00000189	0.000192	0.000119	0.000819	0.00000742
2045 Jul	0.000857	0.0132	0.00000215	1.5	2.03	0.0111	0.00035	9.03	0.00208	0.00506	0.000044	0.000103	0.0000818	0.067	0.0000019	0.000197	0.000123	0.000827	0.00000935
2045 Aug	0.000858	0.0132	0.00000215	1.5	2.03	0.0111	0.00035	9.04	0.00208	0.00507	0.0000441	0.000103	0.000082	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000937
2045 Sep	0.000858	0.0133	0.00000215	1.5	2.03	0.0111	0.00035	9.04	0.00208	0.00507	0.0000441	0.000103	0.000082	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000937
2045 Oct	0.000859	0.0133	0.00000215	1.5	2.03	0.0111	0.00035	9.04	0.00208	0.00507	0.0000441	0.000103	0.000082	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000937
2045 Nov	0.000859	0.0133	0.00000215	1.5	2.03	0.0111	0.000351	9.05	0.00208	0.00507	0.0000441	0.000103	0.000082	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000937
2045 Dec	0.000859	0.0133	0.00000215	1.5	2.03	0.0111	0.000351	9.05	0.00208	0.00507	0.0000441	0.000103	0.000082	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000937
2046 Jan	0.000859	0.0133	0.00000215	1.5	2.03	0.0111	0.000351	9.05	0.00208	0.00507	0.0000441	0.000103	0.000082	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000937
2046 Feb	0.000859	0.0133	0.00000215	1.5	2.03	0.0111	0.000351	9.05	0.00208	0.00507	0.0000441	0.000103	0.000082	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000937
2046 Mar	0.000859	0.0133	0.00000215	1.5	2.03	0.0111	0.000351	9.05	0.00208	0.00507	0.0000441	0.000103	0.000082	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000937
2046 Apr	0.000859	0.0133	0.00000215	1.5	2.03	0.0111	0.000351	9.05	0.00208	0.00507	0.0000441	0.000103	0.000082	0.0672	0.0000019	0.000197	0.000123	0.000829	0.00000938
2046 May	0.00086	0.0133	0.00000215	1.5	2.03	0.0111	0.000351	9.05	0.00208	0.00508	0.0000441	0.000103	0.0000821	0.0672	0.0000019	0.000197	0.000123	0.000829	0.00000938
2046 Jun	0.000871	0.0136	0.00000228	1.57	2.13	0.012	0.000377	9.52	0.00216	0.00532	0.0000455	0.000109	0.0000875	0.07	0.00000192	0.000205	0.000129	0.000841	0.0000128
2046 Jul	0.000884	0.0139	0.00000241	1.64	2.24	0.013	0.000406	10	0.00224	0.00557	0.000047	0.000115	0.0000935	0.0731	0.00000194	0.000215	0.000136	0.000854	0.0000164
2046 Aug	0.000885	0.0139	0.00000241	1.65	2.25	0.013	0.000406	10.1	0.00225	0.00558	0.0000471	0.000116	0.0000937	0.0732	0.00000194	0.000215	0.000136	0.000855	0.0000165
2046 Sep	0.000885	0.0139	0.00000241	1.65	2.25	0.013	0.000406	10.1	0.00224	0.00558	0.0000471	0.000116	0.0000937	0.0732	0.00000194	0.000215	0.000136	0.000855	0.0000165
2046 Oct	0.000888	0.0139	0.00000244	1.66	2.27	0.0133	0.000413	10.2	0.00226	0.00563	0.0000473	0.000117	0.000095	0.0739	0.00000195	0.000217	0.000137	0.000858	0.0000173
2046 Nov	0.000888	0.014	0.00000245	1.67	2.28	0.0133	0.000415	10.2	0.00227	0.00564	0.0000474	0.000117	0.0000953	0.0741	0.00000195	0.000218	0.000138	0.000858	0.0000175
2046 Dec	0.000888	0.014	0.00000245	1.67	2.28	0.0133	0.000415	10.2	0.00227	0.00564	0.0000474	0.000117	0.0000953	0.0741	0.00000195	0.000218	0.000138	0.000858	0.0000175
2047 Jan	0.000888	0.014	0.00000245	1.67	2.28	0.0133	0.000415	10.2	0.00227	0.00564	0.0000474	0.000117	0.0000954	0.0741	0.00000195	0.000218	0.000138	0.000858	0.0000175
2047 Feb	0.000888	0.014	0.00000245	1.67	2.28	0.0133	0.000415	10.2	0.00227	0.00564	0.0000474	0.000117	0.0000954	0.0741	0.00000195	0.000218	0.000138	0.000858	0.0000175
2047 Mar	0.000889	0.014	0.00000245	1.67	2.28	0.0133	0.000415	10.2	0.00227	0.00564	0.0000474	0.000118	0.0000954	0.0741	0.00000195	0.000218	0.000138	0.000858	0.0000175
2047 Apr	0.000889	0.014	0.00000245	1.67	2.28	0.0133	0.000415	10.2	0.00227	0.00564	0.0000474	0.000118	0.0000954	0.0741	0.00000195	0.000218	0.000138	0.000858	0.0000175
2047 May	0.000891	0.014	0.00000247	1.68	2.3	0.0135	0.000419	10.3	0.00228	0.00568	0.0000478	0.000119	0.0000963	0.0746	0.00000195	0.000219	0.000139	0.000861	0.000018
2047 Jun	0.000911	0.0145	0.00000266	1.78	2.46	0.0149	0.000459	11	0.00241	0.00601	0.0000506	0.000128	0.000104	0.0791	0.00000197	0.000233	0.000149	0.000878	0.0000227
2047 Jul	0.000913	0.0145	0.00000266	1.79	2.47	0.015	0.00046	11	0.00242	0.00603	0.0000507	0.000128	0.000105	0.0793	0.00000198	0.000233	0.000149	0.00088	0.0000228
2047 Aug	0.000915	0.0146	0.00000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000508	0.000128	0.000105	0.0795	0.00000198	0.000234	0.000149	0.000881	0.0000228
2047 Sep	0.000915	0.0146	0.00000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000508	0.000128	0.000105	0.0794	0.00000198	0.000234	0.000149	0.000881	0.0000228
2047 Oct	0.000914	0.0146	0.00000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000508	0.000128	0.000105	0.0794	0.00000198	0.000234	0.000149	0.000881	0.0000228
2047 Nov	0.000914	0.0146	0.00000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000508	0.000128	0.000105	0.0794	0.00000198	0.000234	0.000149	0.000881	0.0000228
2047 Dec	0.000914	0.0146	0.00000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000508	0.000128	0.000105	0.0794	0.00000198	0.000234	0.000149	0.000881	0.0000228
2048 Jan	0.000914	0.0146	0.00000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000508	0.000128	0.000105	0.0794	0.00000198	0.000234	0.000149	0.000881	0.0000228
2048 Feb	0.000914	0.0146	0.00000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000508	0.000128	0.000105	0.0794	0.00000198	0.000234	0.000149	0.000881	0.0000228
2048 Mar	0.000914	0.0146	0.00000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000508	0.000128	0.000105	0.0794	0.00000198	0.000234	0.000149	0.000881	0.0000228
2048 Apr	0.000914	0.0146	0.00000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000508	0.000128	0.000105	0.0794	0.00000198	0.000234	0.000149	0.000881	0.0000228
2048 May	0.000915	0.0146	0.00000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00605	0.0000508	0.000128	0.000105	0.0795	0.00000198	0.000234	0.000149	0.000882	0.0000228
2048 Jun	0.000935	0.0149	0.00000285	1.89	2.63	0.0163	0.000499	11.6	0.00255	0.00634	0.0000526	0.000138	0.000112	0.0839	0.00000201	0.000248	0.000158	0.000898	0.0000269
2048 Jul	0.000954	0.0153	0.00000302	1.98	2.77	0.0174	0.000534	12.2	0.00267	0.0066	0.0000543	0.000146	0.000119	0.0878	0.00000203	0.000261	0.000166	0.000914	0.0000306
2048 Aug	0.000954	0.0153	0.00000302	1.98	2.78	0.0175	0.000535	12.2	0.00268	0.00661	0.0000543	0.000146	0.000119	0.0879	0.00000203	0.000261	0.000166	0.000914	0.0000306
2048 Sep	0.000954	0.0153	0.00000302	1.98	2.78	0.0175	0.000535	12.2	0.00268	0.00661	0.0000543	0.000146	0.000119	0.0879	0.00000203	0.000261	0.000166	0.000914	0.0000306
2048 Oct	0.000956	0.0153	0.00000304	1.99	2.79	0.0176	0.000538	12.3	0.00269	0.00663	0.0000545	0.000147	0.00012	0.0883	0.00000203	0.000262	0.000167	0.000916	0.000031
2048 Nov	0.000957	0.0153	0.00000304	1.99	2.8	0.0176	0.000539	12.3	0.00269	0.00664	0.0000545	0.000147	0.00012	0.0884	0.00000203	0.000263	0.000167	0.000916	0.0000311
2048 Dec	0.000957	0.0153	0.00000304	1.99	2.8	0.0176	0.000539	12.3	0.00269	0.00664	0.0000545	0.000147	0.00012	0.0884	0.00000203	0.000263	0.000167	0.000916	0.0000311
2049 Jan	0.000957	0.0153	0.00000304	1.99	2.8	0.0176	0.000539	12.3	0.00269	0.00664	0.0000545	0.000147	0.00012	0.0884	0.00000203	0.000263	0.000167	0.000916	0.0000311
2049 Feb	0.000957	0.0153	0.00000304	1.99	2.8	0.0176	0.000539	12.3	0.00269	0.00664	0.0000545	0.000147	0.00012	0.0884	0.00000203	0.000263	0.000167	0.000916	0.0000311
2049 Mar	0.000957	0.0153	0.00000304	1.99	2.8	0.0176	0.000539	12.3	0.00269	0.00664	0.0000545	0.000147	0.00012	0.0884	0.00000203	0.000263	0.000167	0.000916	0.0000311
2049 Apr	0.000957	0.0153	0.00000304	1.99	2.8	0.0176	0.000539	12.3	0.00269	0.00664	0.0000545	0.000147	0.00012	0.0885	0.00000203	0.000263	0.000167	0.000916	0.0000311
2049 May	0.000958	0.0154	0.00000305	1.99	2.8	0.0176	0.00054	12.3	0.00269	0.00665	0.0000546	0.000147	0.00012	0.0885	0.00000203	0.000263	0.000168	0.000917	0.0000311
2049 Jun	0.000979	0.0157	0.00000324	2.09	2.96	0.0189	0.000578	12.9	0.00284	0.00693	0.0000561	0.000157	0.000128	0.093	0.00000205	0.000278	0.000176	0.000933	0.0000349
2049 Jul	0.000992	0.0159	0.00000335	2.15	3.07	0.0197	0.000602	13.3	0.00292	0.00709	0.0000571	0.000163	0.000132	0.0958	0.00000207	0.000287	0.000182	0.000944	0.0000372
2049 Aug	0.000995	0.0159	0.00000336	2.16	3.07	0.0197	0.000604	13.3	0.00293	0.00711	0.0000573	0.000163	0.000132	0.0961	0.00000207	0.000288	0.000182	0.000946	0.0000373
2049 Sep	0.000994	0.0159	0.00000336	2.16	3.07	0.0197	0.000604	13.3	0.00293	0.00711	0.0000573	0.000163	0.000132	0.0961	0.00000207	0.000288	0.000182	0.000946	0.0000373

Appendix D.3-2: TIRI

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2049 Oct	0.000994	0.0159	0.00000336	2.16	3.07	0.0197	0.000603	13.3	0.00293	0.00711	0.0000572	0.000163	0.000132	0.096	0.00000207	0.000288	0.000182	0.000945	0.0000373
2049 Nov	0.000994	0.0159	0.00000336	2.16	3.07	0.0197	0.000603	13.3	0.00293	0.00712	0.0000572	0.000163	0.000132	0.096	0.00000207	0.000288	0.000182	0.000945	0.0000373
2049 Dec	0.000994	0.0159	0.00000336	2.16	3.07	0.0197	0.000603	13.3	0.00293	0.00712	0.0000572	0.000163	0.000132	0.096	0.00000207	0.000288	0.000182	0.000945	0.0000373
2050 Jan	0.000994	0.0159	0.00000336	2.16	3.07	0.0197	0.000603	13.3	0.00293	0.00712	0.0000572	0.000163	0.000132	0.096	0.00000207	0.000288	0.000182	0.000945	0.0000373
2050 Feb	0.000994	0.0159	0.00000336	2.16	3.07	0.0197	0.000603	13.3	0.00293	0.00712	0.0000572	0.000163	0.000132	0.096	0.00000207	0.000288	0.000182	0.000945	0.0000373
2050 Mar	0.000994	0.0159	0.00000336	2.16	3.07	0.0197	0.000603	13.3	0.00293	0.00712	0.0000572	0.000163	0.000132	0.096	0.00000207	0.000288	0.000182	0.000945	0.0000373
2050 Apr	0.000994	0.0159	0.00000336	2.16	3.07	0.0197	0.000603	13.3	0.00293	0.00712	0.0000572	0.000163	0.000132	0.096	0.00000207	0.000288	0.000182	0.000946	0.0000373
2050 May	0.000995	0.016	0.00000336	2.16	3.07	0.0197	0.000604	13.3	0.00293	0.00712	0.0000573	0.000163	0.000132	0.0961	0.00000207	0.000288	0.000182	0.000946	0.0000373
2050 Jun	0.00101	0.0162	0.00000349	2.22	3.18	0.0205	0.000628	13.7	0.00303	0.00729	0.0000582	0.00017	0.000137	0.099	0.00000208	0.000298	0.000188	0.000957	0.0000395
2050 Jul	0.00102	0.0163	0.0000036	2.28	3.28	0.0212	0.000651	14	0.00311	0.00744	0.000059	0.000175	0.000141	0.102	0.0000021	0.000307	0.000193	0.000966	0.0000415
2050 Aug	0.00102	0.0164	0.0000036	2.28	3.28	0.0213	0.000652	14	0.00312	0.00745	0.0000591	0.000176	0.000141	0.102	0.0000021	0.000307	0.000194	0.000967	0.0000416
2050 Sep	0.00102	0.0164	0.0000036	2.28	3.28	0.0213	0.000652	14	0.00312	0.00746	0.0000591	0.000176	0.000141	0.102	0.0000021	0.000307	0.000194	0.000968	0.0000416
2050 Oct	0.00102	0.0164	0.0000036	2.28	3.29	0.0213	0.000652	14	0.00312	0.00746	0.0000591	0.000176	0.000141	0.102	0.0000021	0.000307	0.000194	0.000968	0.0000416
2050 Nov	0.00102	0.0164	0.00000361	2.28	3.29	0.0213	0.000653	14	0.00312	0.00746	0.0000591	0.000176	0.000141	0.102	0.0000021	0.000308	0.000194	0.000968	0.0000416
2050 Dec	0.00102	0.0164	0.00000361	2.28	3.29	0.0213	0.000653	14	0.00312	0.00746	0.0000591	0.000176	0.000142	0.102	0.0000021	0.000308	0.000194	0.000968	0.0000416
2051 Jan	0.00102	0.0164	0.00000361	2.28	3.29	0.0213	0.000653	14	0.00312	0.00746	0.0000591	0.000176	0.000142	0.102	0.0000021	0.000308	0.000194	0.000968	0.0000416
2051 Feb	0.00102	0.0164	0.00000361	2.28	3.29	0.0213	0.000653	14	0.00312	0.00746	0.0000591	0.000176	0.000142	0.102	0.0000021	0.000308	0.000194	0.000968	0.0000416
2051 Mar	0.00102	0.0164	0.00000361	2.28	3.29	0.0213	0.000653	14	0.00312	0.00746	0.0000591	0.000176	0.000142	0.102	0.0000021	0.000308	0.000194	0.000968	0.0000416
2051 Apr	0.00102	0.0164	0.00000361	2.28	3.29	0.0213	0.000653	14	0.00312	0.00746	0.0000591	0.000176	0.000142	0.102	0.0000021	0.000308	0.000194	0.000968	0.0000416
2051 May	0.00103	0.0164	0.00000361	2.28	3.29	0.0213	0.000653	14	0.00313	0.00747	0.0000592	0.000176	0.000142	0.102	0.0000021	0.000308	0.000194	0.000969	0.0000417
2051 Jun	0.00106	0.0169	0.00000389	2.42	3.54	0.0232	0.000709	14.8	0.00335	0.00784	0.0000617	0.00019	0.000152	0.109	0.00000213	0.000331	0.000207	0.000992	0.0000463
2051 Jul	0.00107	0.0171	0.00000401	2.48	3.64	0.0239	0.000732	15.1	0.00344	0.00798	0.0000625	0.000196	0.000156	0.112	0.00000214	0.000341	0.000213	0.001	0.0000482
2051 Aug	0.00107	0.0171	0.00000401	2.48	3.65	0.0239	0.000733	15.1	0.00345	0.00799	0.0000626	0.000196	0.000156	0.112	0.00000214	0.000341	0.000213	0.001	0.0000482
2051 Sep	0.00108	0.0171	0.00000405	2.5	3.68	0.0241	0.000741	15.2	0.00348	0.00803	0.0000628	0.000198	0.000157	0.113	0.00000215	0.000344	0.000214	0.00101	0.0000489
2051 Oct	0.00109	0.0173	0.00000417	2.56	3.79	0.0249	0.000764	15.5	0.00358	0.00817	0.0000634	0.000204	0.000162	0.116	0.00000215	0.000355	0.00022	0.00101	0.0000507
2051 Nov	0.00109	0.0173	0.00000417	2.57	3.79	0.0249	0.000766	15.5	0.00358	0.00818	0.0000635	0.000205	0.000162	0.116	0.00000216	0.000355	0.00022	0.00101	0.0000509
2051 Dec	0.00109	0.0173	0.00000417	2.57	3.79	0.0249	0.000766	15.5	0.00358	0.00818	0.0000635	0.000205	0.000162	0.116	0.00000216	0.000355	0.00022	0.00101	0.0000509
2052 Jan	0.00109	0.0173	0.00000417	2.57	3.8	0.0249	0.000766	15.5	0.00358	0.00818	0.0000635	0.000205	0.000162	0.116	0.00000216	0.000355	0.00022	0.00101	0.0000509
2052 Feb	0.00109	0.0173	0.00000417	2.57	3.8	0.0249	0.000766	15.5	0.00358	0.00818	0.0000635	0.000205	0.000162	0.116	0.00000216	0.000355	0.00022	0.00101	0.0000509
2052 Mar	0.00109	0.0173	0.00000417	2.57	3.8	0.0249	0.000766	15.5	0.00358	0.00818	0.0000635	0.000205	0.000162	0.116	0.00000216	0.000355	0.00022	0.00101	0.0000509
2052 Apr	0.00109	0.0173	0.00000417	2.57	3.8	0.0249	0.000766	15.5	0.00358	0.00818	0.0000635	0.000205	0.000162	0.116	0.00000216	0.000355	0.00022	0.00101	0.0000509
2052 May	0.00109	0.0173	0.00000418	2.57	3.8	0.025	0.000766	15.6	0.00359	0.00818	0.0000636	0.000205	0.000162	0.116	0.00000216	0.000355	0.00022	0.00101	0.0000509
2052 Jun	0.0011	0.0174	0.00000425	2.61	3.87	0.0254	0.000782	15.7	0.00365	0.00828	0.0000642	0.000209	0.000165	0.118	0.00000216	0.000362	0.000224	0.00102	0.0000521
2052 Jul	0.00111	0.0175	0.00000427	2.62	3.88	0.0256	0.000785	15.8	0.00367	0.00831	0.0000644	0.00021	0.000165	0.118	0.00000217	0.000364	0.000225	0.00102	0.0000523
2052 Aug	0.00111	0.0175	0.00000428	2.62	3.89	0.0256	0.000786	15.8	0.00367	0.00832	0.0000645	0.00021	0.000166	0.118	0.00000217	0.000364	0.000225	0.00102	0.0000524
2052 Sep	0.00111	0.0175	0.00000429	2.63	3.9	0.0257	0.000789	15.8	0.00368	0.00834	0.0000645	0.000211	0.000166	0.119	0.00000217	0.000365	0.000225	0.00103	0.0000526
2052 Oct	0.00111	0.0175	0.00000431	2.64	3.92	0.0258	0.000793	15.9	0.0037	0.00836	0.0000646	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000529
2052 Nov	0.00111	0.0175	0.00000431	2.64	3.92	0.0258	0.000793	15.9	0.0037	0.00836	0.0000647	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000529
2052 Dec	0.00111	0.0175	0.00000431	2.64	3.92	0.0258	0.000793	15.9	0.0037	0.00836	0.0000647	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000529
2053 Jan	0.00111	0.0175	0.00000431	2.64	3.92	0.0258	0.000793	15.9	0.0037	0.00836	0.0000647	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000529
2053 Feb	0.00111	0.0175	0.00000431	2.64	3.92	0.0258	0.000793	15.9	0.0037	0.00836	0.0000647	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000529
2053 Mar	0.00111	0.0175	0.00000431	2.64	3.92	0.0258	0.000793	15.9	0.0037	0.00836	0.0000647	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000529
2053 Apr	0.00111	0.0175	0.00000431	2.64	3.92	0.0258	0.000793	15.9	0.0037	0.00836	0.0000647	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000529
2053 May	0.00112	0.0176	0.00000435	2.66	3.96	0.0261	0.000801	16	0.00373	0.00841	0.0000651	0.000214	0.000168	0.12	0.00000218	0.000371	0.000228	0.00103	0.0000535
2053 Jun	0.00115	0.018	0.00000459	2.77	4.18	0.0276	0.000848	16.5	0.00394	0.00867	0.0000672	0.000226	0.000176	0.126	0.0000022	0.000391	0.00024	0.00105	0.0000568
2053 Jul	0.00116	0.0181	0.00000464	2.8	4.22	0.0279	0.000858	16.6	0.00398	0.00873	0.0000676	0.000229	0.000178	0.127	0.00000221	0.000396	0.000242	0.00105	0.0000575
2053 Aug	0.00116	0.0181	0.00000465	2.8	4.23	0.028	0.00086	16.7	0.00399	0.00875	0.0000678	0.000229	0.000179	0.128	0.00000221	0.000397	0.000242	0.00106	0.0000576
2053 Sep	0.00116	0.0181	0.00000466	2.81	4.24	0.028	0.000861	16.7	0.00399	0.00876	0.0000678	0.00023	0.000179	0.128	0.00000221	0.000397	0.000243	0.00106	0.0000577
2053 Oct	0.00116	0.0181	0.00000466	2.81	4.24	0.028	0.000861	16.7	0.00399	0.00876	0.0000679	0.00023	0.000179	0.128	0.00000221	0.000397	0.000243	0.00106	0.0000577
2053 Nov	0.00116	0.0181	0.00000466	2.81	4.24	0.028	0.000861	16.7	0.00399	0.00876	0.0000679	0.00023	0.000179	0.128	0.00000221	0.000397	0.000243	0.00106	0.0000577
2053 Dec	0.00116	0.0181	0.00000466	2.81	4.24	0.028	0.000861	16.7	0.00399	0.00876	0.0000679	0.00023	0.000179	0.128	0.00000221	0.000397	0.000243	0.00106	0.0000577
2054 Jan	0.00116	0.0181	0.00000466	2.81	4.24	0.028	0.000861	16.7	0.00399	0.00876	0.0000679	0.00023	0.000179	0.128	0.00000221	0.000397	0.000243	0.00106	0.0000577
2054 Feb	0.00116	0.0181	0.00000466	2.81	4.24	0.028	0.000861	16.7	0.00399	0.00876	0.0000679	0.00023	0.000179	0.128	0.00000221	0.000397	0.000243	0.00106	0.0000577
2054 Mar	0.00116	0.0181	0.00000466	2.81	4.24	0.028	0.000861	16.7	0.00399	0.00876	0.0000679	0.00023	0.000179	0.128	0.00000221	0.000397	0.000243	0.00106	0.0000577
2054 Apr	0.00116	0.0182	0.00000466	2.81	4.24	0.028	0.000861	16.7	0.00399	0.00877	0.0000679	0.00023	0.000179	0.128	0.00000221	0.000397	0.000243	0.00106	0.0000577
2054 May	0.00116	0.0182	0.00000466	2.81	4.24	0.028	0.000862	16.7	0.004	0.00877	0.0000679	0.00023	0.000179	0.128	0.00000222	0.000397	0.000243	0.00106	0.0000577
2054 Jun	0.00117	0.0183	0.00000477	2.86	4.34	0.0287	0.000882	16.9	0.00409	0.00889	0.0000691	0.000235	0.000183	0.131	0.00000222	0.000407	0.000248	0.00107	0.0000591
2054 Jul	0.00118	0.0184	0.00000484	2.9	4.4	0.0292	0.000896	17	0.00415	0.00896	0.0000696	0.000239	0.000185	0.132	0.00000223	0.000413	0.000251	0.00107	0.00006
2054 Aug	0.00119	0.0185	0.00000485	2.9	4.41	0.0293	0.000899	17.1	0.00416	0.00898	0.0000697	0.00024	0.000185	0.133	0.00000223	0.000414	0.000252	0.00107	0.0000602
2054 Sep	0.00119	0.0185	0.00000487	2.91	4.43	0.0294	0.000902	17.1	0.00418	0.009	0.0000698	0.000241	0.000186	0.133	0.00000223	0.000416	0.000253	0.00107	0.0000604
2054 Oct	0.00119	0.0185	0.0000049	2.93	4.46	0.0296	0.000909	17.2	0.00421	0.00903	0.00007	0.000242	0.000187	0.134	0.00000224	0.000419	0.000254	0.00108	0.0000609
2054 Nov	0.00119	0.0186	0.00000492	2.94	4.48	0.0297	0.000912	17.2	0.00422	0.00904	0.0000701	0.000243	0.000188	0.135	0.00000224	0.00042	0.000255	0.00108	0.0000611
2054 Dec	0.00119	0.0186	0.00000492	2.94	4.48	0.0297	0.000912	17.2	0.00422	0.00904	0.0000701	0.000243	0.000188	0.135	0.00000224	0.00042	0.000255	0.00108	0.0000611
2055 Jan	0.0012	0.0186	0.00000492	2.94	4.48	0.0297	0.000912	17.2	0.00422	0.00904	0.0000701	0.000243	0.000188	0.135	0.00000224	0.000421	0.000255	0.00108	0.0000611
2055 Feb	0.0012	0.0186	0.00000492	2.94	4.48	0.0297	0.000913	17.2	0.00422	0.00904	0.0000701	0.000243	0.000188	0.135	0.00000224	0.000421	0.000255	0.00108	0.0000611
2055 Mar	0.0012	0.0186	0.00000492	2.94	4.48	0.0297	0.000913	17.2	0.00422	0.00904	0.0000701	0.000243	0.000188	0.135	0.00000224	0.000421	0.000255	0.00108	0.0000611
2055 Apr	0.0012	0.0186	0.00000492	2.94	4.48	0.0297	0.000913	17.2	0.00422	0.00904	0.0000701	0.000243	0.000188	0.135	0.00000224	0.000421	0.000255	0.00108	0.0000611
2055 May	0.0012	0.0186	0.00000492	2.94	4.48	0.0297	0.000913	17.2	0.00423	0.00905	0.0000702	0.000243	0.000188	0.135	0.00000224	0.000421	0.000255	0.00108	0.0000611
2055 Jun	0.00123	0.0189	0.00000517	3.06	4.71	0.0312	0.000962	17.7	0.00445	0.0093	0.0000717	0.000257	0.000196	0.141	0.00000226	0.000443	0.000267	0.0011	0.0000643
2055 Jul	0.00125	0.0191	0.00000531	3.13	4.84	0.0321	0.00099	17.9	0.00457	0.00943	0.0000726	0.000264	0.000201	0.144	0.00000227	0.000456	0.000273	0.00111	0.0000661
2055 Aug	0.00125	0.0191	0.00000532	3.14	4.85	0.0321	0.000992	18	0.00458	0.00945	0.0000727	0.000264	0.000201	0.145	0.00000228	0.000457	0.000273	0.00111	0.0000662
2055 Sep	0.00125	0.0191	0.00000532	3.14	4.85	0.0321	0.000992	18	0.00458	0.00945	0.0000727	0.000264	0.000201	0.145	0.00000228	0.000457	0.000273	0.00111	0.0000662
2055 Oct	0.00125	0.0191	0.00000532	3.14	4.85	0.0322	0.000992	18	0.00458	0.00945	0.0000727	0.000264	0.000201	0.145	0.00000228	0.000457	0.000273	0.00111	0.0000662
2055 Nov	0.00125	0.0191	0.00000532	3.14	4.85	0.0322	0.000992	18	0.00458	0.00946	0.0000727	0.000264	0.000201	0.145	0.00000228	0.000457	0.000273	0.00111	0.0000662
2055 Dec	0.00125	0.0191	0.00000532	3.14	4.85	0.0322	0.000992	18	0.00458	0.00946	0.0000727	0.000264	0.000201	0.145	0.00000228	0.000457	0.000273	0.00111	0.0000662
2056 Jan	0.00125	0.0191	0.00000532	3.14	4.85	0.0322	0.000992	18	0.00458	0.00946	0.0000727	0.000264	0.000201	0.145	0.00000228	0.000457	0.000273	0.00111	0.0000662
2056 Feb	0.00125	0.0191	0.00000532	3.14	4.85	0.0322	0.000992	18	0.00458	0.00946	0.0000727	0.000264	0.000201	0.145	0.00000228	0.000457	0.000273	0.00111	0.0000662

Appendix D.3-2: TIRI

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Mar	0.00125	0.0191	0.00000532	3.14	4.85	0.0322	0.000992	18	0.00458	0.00946	0.0000727	0.000264	0.000201	0.145	0.00000228	0.000457	0.000273	0.00111	0.0000662
2056 Apr	0.00125	0.0191	0.00000532	3.14	4.85	0.0322	0.000992	18	0.00458	0.00946	0.0000727	0.000264	0.000201	0.145	0.00000228	0.000457	0.000273	0.00111	0.0000663
2056 May	0.00125	0.0192	0.00000534	3.15	4.87	0.0323	0.000995	18	0.00459	0.00948	0.000073	0.000265	0.000202	0.145	0.00000228	0.000458	0.000274	0.00111	0.0000664
2056 Jun	0.00127	0.0194	0.00000551	3.23	5.02	0.0334	0.00103	18.3	0.00474	0.00966	0.0000749	0.000274	0.000207	0.149	0.00000229	0.000473	0.000283	0.00112	0.0000685
2056 Jul	0.00128	0.0195	0.00000553	3.24	5.05	0.0335	0.00103	18.3	0.00477	0.0097	0.0000751	0.000275	0.000208	0.15	0.0000023	0.000476	0.000284	0.00113	0.0000689
2056 Aug	0.00128	0.0195	0.00000554	3.25	5.05	0.0336	0.00103	18.4	0.00477	0.00971	0.0000752	0.000276	0.000209	0.15	0.0000023	0.000476	0.000284	0.00113	0.000069
2056 Sep	0.00128	0.0196	0.00000555	3.25	5.06	0.0336	0.00103	18.4	0.00477	0.00972	0.0000753	0.000276	0.000209	0.15	0.0000023	0.000477	0.000284	0.00113	0.000069
2056 Oct	0.00128	0.0195	0.00000554	3.25	5.06	0.0336	0.00103	18.4	0.00477	0.00971	0.0000753	0.000276	0.000209	0.15	0.0000023	0.000476	0.000284	0.00113	0.000069
2056 Nov	0.00128	0.0195	0.00000554	3.25	5.06	0.0336	0.00103	18.4	0.00477	0.00972	0.0000753	0.000276	0.000209	0.15	0.0000023	0.000476	0.000284	0.00113	0.000069
2056 Dec	0.00128	0.0195	0.00000554	3.25	5.06	0.0336	0.00103	18.4	0.00477	0.00972	0.0000753	0.000276	0.000209	0.15	0.0000023	0.000476	0.000284	0.00113	0.000069
2057 Jan	0.00128	0.0195	0.00000554	3.25	5.06	0.0336	0.00103	18.4	0.00477	0.00972	0.0000753	0.000276	0.000209	0.15	0.0000023	0.000476	0.000284	0.00113	0.000069
2057 Feb	0.00128	0.0195	0.00000554	3.25	5.06	0.0336	0.00103	18.4	0.00477	0.00972	0.0000753	0.000276	0.000209	0.15	0.0000023	0.000476	0.000284	0.00113	0.000069
2057 Mar	0.00128	0.0195	0.00000554	3.25	5.06	0.0336	0.00103	18.4	0.00477	0.00972	0.0000753	0.000276	0.000209	0.15	0.0000023	0.000476	0.000284	0.00113	0.000069
2057 Apr	0.00128	0.0195	0.00000554	3.25	5.06	0.0336	0.00103	18.4	0.00477	0.00972	0.0000753	0.000276	0.000209	0.15	0.0000023	0.000476	0.000284	0.00113	0.000069
2057 May	0.00128	0.0196	0.00000555	3.25	5.06	0.0336	0.00104	18.4	0.00478	0.00973	0.0000753	0.000276	0.000209	0.15	0.0000023	0.000477	0.000285	0.00113	0.000069
2057 Jun	0.00131	0.0199	0.00000576	3.35	5.25	0.0349	0.00108	18.7	0.00496	0.00993	0.0000771	0.000287	0.000216	0.156	0.00000232	0.000495	0.000294	0.00115	0.0000716
2057 Jul	0.00132	0.02	0.00000582	3.38	5.31	0.0353	0.00109	18.8	0.00502	0.00999	0.0000775	0.00029	0.000218	0.157	0.00000233	0.000501	0.000297	0.00115	0.0000724
2057 Aug	0.00132	0.02	0.00000583	3.39	5.33	0.0354	0.00109	18.8	0.00503	0.01	0.0000778	0.000291	0.000219	0.158	0.00000233	0.000502	0.000298	0.00115	0.0000726
2057 Sep	0.00132	0.02	0.00000584	3.39	5.33	0.0354	0.00109	18.9	0.00503	0.01	0.0000778	0.000291	0.000219	0.158	0.00000234	0.000503	0.000298	0.00116	0.0000727
2057 Oct	0.00132	0.02	0.00000584	3.39	5.33	0.0354	0.00109	18.9	0.00503	0.01	0.0000778	0.000291	0.000219	0.158	0.00000234	0.000503	0.000298	0.00116	0.0000727
2057 Nov	0.00132	0.02	0.00000584	3.39	5.33	0.0354	0.00109	18.9	0.00503	0.01	0.0000778	0.000291	0.000219	0.158	0.00000234	0.000503	0.000298	0.00116	0.0000727
2057 Dec	0.00132	0.02	0.00000584	3.39	5.33	0.0354	0.00109	18.9	0.00503	0.01	0.0000778	0.000291	0.000219	0.158	0.00000234	0.000503	0.000298	0.00116	0.0000727
2058 Jan	0.00132	0.02	0.00000584	3.39	5.33	0.0354	0.00109	18.9	0.00503	0.01	0.0000778	0.000291	0.000219	0.158	0.00000234	0.000503	0.000298	0.00116	0.0000727
2058 Feb	0.00132	0.02	0.00000584	3.39	5.33	0.0354	0.00109	18.9	0.00503	0.01	0.0000778	0.000291	0.000219	0.158	0.00000234	0.000503	0.000298	0.00116	0.0000727
2058 Mar	0.00132	0.02	0.00000584	3.39	5.33	0.0354	0.00109	18.9	0.00503	0.01	0.0000778	0.000291	0.000219	0.158	0.00000234	0.000503	0.000298	0.00116	0.0000727
2058 Apr	0.00132	0.02	0.00000584	3.39	5.33	0.0355	0.00109	18.9	0.00503	0.01	0.0000778	0.000291	0.000219	0.158	0.00000234	0.000503	0.000298	0.00116	0.0000727
2058 May	0.00133	0.0201	0.00000588	3.41	5.37	0.0357	0.0011	18.9	0.00507	0.0101	0.0000784	0.000293	0.00022	0.159	0.00000234	0.000506	0.0003	0.00116	0.0000731
2058 Jun	0.00138	0.0207	0.00000622	3.58	5.69	0.038	0.00117	19.4	0.00538	0.0104	0.0000822	0.000311	0.000231	0.168	0.00000237	0.000538	0.000317	0.00118	0.000077
2058 Jul	0.00139	0.0208	0.00000629	3.62	5.76	0.0384	0.00118	19.5	0.00544	0.0105	0.0000828	0.000315	0.000234	0.17	0.00000237	0.000544	0.000321	0.00119	0.0000778
2058 Aug	0.00139	0.0208	0.0000063	3.62	5.77	0.0385	0.00118	19.5	0.00545	0.0105	0.0000829	0.000315	0.000234	0.17	0.00000238	0.000545	0.000321	0.00119	0.000078
2058 Sep	0.00139	0.0208	0.0000063	3.62	5.77	0.0385	0.00118	19.5	0.00545	0.0105	0.0000829	0.000315	0.000234	0.17	0.00000238	0.000545	0.000321	0.00119	0.000078
2058 Oct	0.00139	0.0208	0.0000063	3.62	5.77	0.0385	0.00118	19.5	0.00545	0.0105	0.0000829	0.000315	0.000234	0.17	0.00000238	0.000545	0.000321	0.00119	0.000078
2058 Nov	0.00139	0.0208	0.0000063	3.62	5.77	0.0385	0.00118	19.5	0.00545	0.0105	0.0000829	0.000315	0.000234	0.17	0.00000238	0.000545	0.000321	0.00119	0.000078
2058 Dec	0.00139	0.0208	0.0000063	3.62	5.77	0.0385	0.00118	19.5	0.00545	0.0105	0.0000829	0.000315	0.000234	0.17	0.00000238	0.000545	0.000321	0.00119	0.000078
2059 Jan	0.00139	0.0208	0.0000063	3.62	5.77	0.0385	0.00118	19.5	0.00545	0.0105	0.0000829	0.000315	0.000234	0.17	0.00000238	0.000545	0.000321	0.00119	0.000078
2059 Feb	0.00139	0.0208	0.0000063	3.62	5.77	0.0385	0.00118	19.5	0.00545	0.0105	0.0000829	0.000315	0.000234	0.17	0.00000238	0.000545	0.000321	0.00119	0.000078
2059 Mar	0.00139	0.0208	0.0000063	3.62	5.77	0.0385	0.00118	19.5	0.00545	0.0105	0.0000829	0.000315	0.000234	0.17	0.00000238	0.000545	0.000321	0.00119	0.000078
2059 Apr	0.00139	0.0208	0.0000063	3.62	5.77	0.0385	0.00118	19.5	0.00545	0.0105	0.0000829	0.000315	0.000234	0.17	0.00000238	0.000545	0.000321	0.00119	0.000078
2059 May	0.00139	0.0209	0.00000631	3.63	5.78	0.0385	0.00118	19.5	0.00546	0.0105	0.0000831	0.000316	0.000234	0.17	0.00000238	0.000546	0.000322	0.00119	0.0000781
2059 Jun	0.00141	0.0211	0.00000642	3.68	5.89	0.0393	0.00121	19.7	0.00557	0.0106	0.0000846	0.000322	0.000238	0.173	0.00000239	0.000557	0.000328	0.0012	0.0000794
2059 Jul	0.00141	0.0211	0.00000645	3.7	5.91	0.0395	0.00121	19.7	0.00559	0.0107	0.0000848	0.000323	0.000239	0.174	0.0000024	0.000559	0.000329	0.0012	0.0000797
2059 Aug	0.00141	0.0212	0.00000646	3.7	5.92	0.0395	0.00121	19.8	0.0056	0.0107	0.000085	0.000324	0.00024	0.174	0.0000024	0.00056	0.00033	0.00121	0.0000799
2059 Sep	0.00142	0.0212	0.00000646	3.71	5.93	0.0396	0.00121	19.8	0.0056	0.0107	0.0000851	0.000324	0.00024	0.174	0.0000024	0.00056	0.00033	0.00121	0.0000799
2059 Oct	0.00141	0.0212	0.00000645	3.7	5.91	0.0395	0.00121	19.7	0.00559	0.0107	0.0000849	0.000323	0.000239	0.174	0.0000024	0.000559	0.000329	0.00121	0.0000797
2059 Nov	0.00141	0.0212	0.00000645	3.7	5.91	0.0395	0.00121	19.7	0.00559	0.0107	0.0000849	0.000323	0.000239	0.174	0.0000024	0.000559	0.000329	0.00121	0.0000797
2059 Dec	0.00141	0.0212	0.00000645	3.7	5.91	0.0395	0.00121	19.7	0.00559	0.0107	0.0000849	0.000323	0.000239	0.174	0.0000024	0.000559	0.000329	0.00121	0.0000797
2060 Jan	0.00141	0.0212	0.00000645	3.7	5.91	0.0395	0.00121	19.7	0.00559	0.0107	0.0000849	0.000323	0.000239	0.174	0.0000024	0.000559	0.000329	0.00121	0.0000797
2060 Feb	0.00141	0.0212	0.00000645	3.7	5.91	0.0395	0.00121	19.7	0.00559	0.0107	0.0000849	0.000323	0.000239	0.174	0.0000024	0.000559	0.000329	0.00121	0.0000797
2060 Mar	0.00141	0.0212	0.00000645	3.7	5.91	0.0395	0.00121	19.7	0.00559	0.0107	0.0000849	0.000323	0.000239	0.174	0.0000024	0.000559	0.000329	0.00121	0.0000797
2060 Apr	0.00141	0.0212	0.00000646	3.7	5.91	0.0395	0.00121	19.7	0.00559	0.0107	0.0000849	0.000323	0.000239	0.174	0.0000024	0.000559	0.000329	0.00121	0.0000797
2060 May	0.00142	0.0212	0.00000647	3.71	5.93	0.0396	0.00122	19.7	0.00561	0.0107	0.0000853	0.000324	0.00024	0.174	0.0000024	0.000561	0.00033	0.00121	0.0000799
2060 Jun	0.00145	0.0216	0.0000067	3.82	6.15	0.0411	0.00126	20	0.00581	0.0109	0.0000878	0.000336	0.000247	0.18	0.00000242	0.000582	0.000341	0.00122	0.0000825
2060 Jul	0.00145	0.0217	0.00000674	3.84	6.19	0.0414	0.00127	20.1	0.00585	0.011	0.0000882	0.000339	0.000249	0.181	0.00000243	0.000585	0.000343	0.00123	0.000083
2060 Aug	0.00146	0.0217	0.00000675	3.85	6.2	0.0414	0.00127	20.1	0.00586	0.011	0.0000883	0.000339	0.000249	0.182	0.00000243	0.000586	0.000344	0.00123	0.0000831
2060 Sep	0.00146	0.0218	0.00000681	3.87	6.25	0.0418	0.00128	20.1	0.00591	0.011	0.0000887	0.000342	0.000251	0.183	0.00000243	0.000592	0.000346	0.00123	0.0000837
2060 Oct	0.00147	0.0218	0.00000685	3.9	6.29	0.0421	0.00129	20.2	0.00595	0.0111	0.0000891	0.000344	0.000252	0.184	0.00000244	0.000596	0.000348	0.00124	0.0000842
2060 Nov	0.00147	0.0218	0.00000686	3.9	6.31	0.0422	0.00129	20.2	0.00597	0.0111	0.0000892	0.000345	0.000253	0.185	0.00000244	0.000597	0.000349	0.00124	0.0000844
2060 Dec	0.00147	0.0218	0.00000687	3.9	6.31	0.0422	0.00129	20.2	0.00597	0.0111	0.0000892	0.000345	0.000253	0.185	0.00000244	0.000597	0.000349	0.00124	0.0000844
2061 Jan	0.00147	0.0218	0.00000687	3.9	6.31	0.0422	0.00129	20.2	0.00597	0.0111	0.0000892	0.000345	0.000253	0.185	0.00000244	0.000597	0.000349	0.00124	0.0000844
2061 Feb	0.00147	0.0218	0.00000687	3.91	6.31	0.0422	0.00129	20.2	0.00597	0.0111	0.0000892	0.000345	0.000253	0.185	0.00000244	0.000597	0.000349	0.00124	0.0000844
2061 Mar	0.00147	0.0218	0.00000687	3.91	6.31	0.0422	0.00129	20.2	0.00597	0.0111	0.0000892	0.000345	0.000253	0.185	0.00000244	0.000597	0.000349	0.00124	0.0000844
2061 Apr	0.00147	0.0219	0.00000687	3.91	6.31	0.0422	0.00129	20.2	0.00597	0.0111	0.0000892	0.000345	0.000253	0.185	0.00000244	0.000597	0.000349	0.00124	0.0000844
2061 May	0.00148	0.022	0.00000695	3.95	6.39	0.0427	0.00131	20.3	0.00604	0.0112	0.0000902	0.000349	0.000256	0.187	0.00000245	0.000605	0.000353	0.00124	0.0000853
2061 Jun	0.00153	0.0225	0.00000726	4.1	6.7	0.0448	0.00137	20.6	0.00634	0.0114	0.0000937	0.000366	0.000266	0.195	0.00000247	0.000635	0.000369	0.00127	0.0000888
2061 Jul	0.00154	0.0226	0.0000073	4.12	6.73	0.0451	0.00138	20.6	0.00638	0.0115	0.0000941	0.000368	0.000268	0.196	0.00000248	0.000638	0.000371	0.00127	0.0000892
2061 Aug	0.00154	0.0226	0.00000732	4.13	6.75	0.0452	0.00138	20.7	0.00639	0.0115	0.0000943	0.000369	0.000268	0.197	0.00000248	0.00064	0.000372	0.00127	0.0000894
2061 Sep	0.00154	0.0226	0.00000732	4.13	6.75	0.0452	0.00138	20.7	0.00639	0.0115	0.0000944	0.000369	0.000268	0.197	0.00000249	0.00064	0.000372	0.00127	0.0000895
2061 Oct	0.00154	0.0226	0.00000732	4.13	6.74	0.0451	0.00138	20.7	0.00639	0.0115	0.0000943	0.000369	0.000268	0.197	0.00000248	0.000639	0.000371	0.00127	0.0000894
2061 Nov	0.00154	0.0226	0.00000731	4.13	6.74	0.0451	0.00138	20.7	0.00638	0.0115	0.0000942	0.000369	0.000268	0.197	0.00000248	0.000639	0.000371	0.00127	0.0000893
2061 Dec	0.00154	0.0226	0.00000731	4.13	6.74	0.0451	0.00138	20.7	0.00638	0.0115	0.0000942	0.000369	0.000268	0.197	0.00000248	0.000639	0.000371	0.00127	0.0000893
2062 Jan	0.00154	0.0226	0.00000731	4.13	6.74	0.0451	0.00138	20.7	0.00638	0.0115	0.0000942	0.000369	0.000268	0.197	0.00000248	0.000639	0.000371	0.00127	0.0000893
2062 Feb	0.00154	0.0226	0.00000731	4.13	6.74	0.0451	0.00138	20.7	0.00638	0.0115	0.0000942	0.000369	0.000268	0.197	0.00000248	0.000639	0.000371	0.00127	0.0000893
2062 Mar	0.00154	0.0226	0.00000731	4.13	6.74	0.0451	0.00138	20.7	0.00638	0.0115	0.0000942	0.000369	0.000268	0.197	0.00000248	0.000639	0.000371	0.00127	0.0000893
2062 Apr	0.00154	0.0226	0.00000732	4.13	6.74	0.0451	0.00138	20.7	0.00639	0.0115	0.0000943	0.000369	0.000268	0.197	0.00000248	0.000639	0.000371	0.00127	0.0000894
2062 May	0.00154	0.0226	0.00000732	4.13	6.75	0.0451	0.00138	20.7	0.00639	0.0115	0.0000943	0.000369	0.000268	0.197	0.00000248	0.000639	0.000372	0.00127	0.0000894
2062 Jun	0.00157	0.0229	0.00000753	4.23	6.95	0.0465	0.00142	20.8	0.00658	0.0117	0.000096	0.00038	0.000275	0.202	0.0000025	0.000659	0.000381	0.00129	0.0000916
2062 Jul	0.00159	0.0231	0.00000769	4.31	7.1	0.0474	0.00145	21	0.00673	0.0118	0.0000973	0.000389	0.00028	0.206	0.00000251	0.000674	0.000389	0.0013	0.0000933

Appendix D.3-2: TIRI

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2062 Aug	0.00159	0.0232	0.00000769	4.31	7.1	0.0475	0.00145	21	0.00673	0.0118	0.0000974	0.000389	0.00028	0.206	0.00000252	0.000674	0.000389	0.0013	0.0000934
2062 Sep	0.0016	0.0232	0.00000775	4.34	7.16	0.0478	0.00147	21	0.00679	0.0119	0.0000978	0.000392	0.000282	0.208	0.00000252	0.00068	0.000392	0.0013	0.000094
2062 Oct	0.00163	0.0235	0.00000798	4.45	7.38	0.0492	0.00151	21.2	0.007	0.0121	0.0000994	0.000404	0.000289	0.214	0.00000253	0.000702	0.000402	0.00132	0.0000964
2062 Nov	0.00163	0.0235	0.00000798	4.46	7.39	0.0493	0.00151	21.2	0.00701	0.0121	0.0000994	0.000404	0.00029	0.214	0.00000253	0.000702	0.000402	0.00132	0.0000965
2062 Dec	0.00163	0.0235	0.00000798	4.46	7.39	0.0493	0.00151	21.2	0.00701	0.0121	0.0000994	0.000405	0.00029	0.214	0.00000253	0.000702	0.000402	0.00132	0.0000965
2063 Jan	0.00163	0.0235	0.00000798	4.46	7.39	0.0493	0.00151	21.2	0.00701	0.0121	0.0000994	0.000405	0.00029	0.214	0.00000253	0.000702	0.000402	0.00132	0.0000965
2063 Feb	0.00163	0.0235	0.00000799	4.46	7.39	0.0493	0.00151	21.2	0.00701	0.0121	0.0000994	0.000405	0.00029	0.214	0.00000253	0.000703	0.000402	0.00132	0.0000965
2063 Mar	0.00163	0.0235	0.00000799	4.46	7.39	0.0493	0.00151	21.2	0.00701	0.0121	0.0000994	0.000405	0.00029	0.214	0.00000253	0.000703	0.000402	0.00132	0.0000965
2063 Apr	0.00163	0.0235	0.00000799	4.46	7.39	0.0493	0.00151	21.2	0.00701	0.0121	0.0000994	0.000405	0.00029	0.214	0.00000254	0.000703	0.000402	0.00132	0.0000965
2063 May	0.00164	0.0236	0.00000801	4.47	7.41	0.0495	0.00152	21.2	0.00704	0.0121	0.0000998	0.000406	0.000291	0.215	0.00000254	0.000705	0.000404	0.00132	0.0000968
2063 Jun	0.00169	0.0241	0.00000838	4.65	7.76	0.0519	0.00159	21.4	0.00738	0.0124	0.000104	0.000425	0.000302	0.224	0.00000256	0.000739	0.000422	0.00135	0.0001
2063 Jul	0.0017	0.0242	0.00000846	4.68	7.84	0.0523	0.0016	21.4	0.00745	0.0125	0.000104	0.000429	0.000305	0.226	0.00000257	0.000747	0.000425	0.00135	0.000101
2063 Aug	0.0017	0.0243	0.00000848	4.69	7.85	0.0525	0.00161	21.4	0.00747	0.0125	0.000105	0.00043	0.000305	0.227	0.00000257	0.000748	0.000426	0.00135	0.000102
2063 Sep	0.0017	0.0243	0.00000848	4.69	7.86	0.0525	0.00161	21.5	0.00747	0.0125	0.000105	0.00043	0.000305	0.227	0.00000257	0.000748	0.000427	0.00135	0.000102
2063 Oct	0.00171	0.0243	0.00000851	4.71	7.89	0.0527	0.00161	21.5	0.0075	0.0126	0.000105	0.000432	0.000306	0.228	0.00000257	0.000751	0.000428	0.00136	0.000102
2063 Nov	0.00171	0.0244	0.00000852	4.71	7.9	0.0527	0.00162	21.5	0.00751	0.0126	0.000105	0.000433	0.000307	0.228	0.00000257	0.000752	0.000428	0.00136	0.000102
2063 Dec	0.00171	0.0244	0.00000852	4.71	7.9	0.0527	0.00162	21.5	0.00751	0.0126	0.000105	0.000433	0.000307	0.228	0.00000257	0.000752	0.000428	0.00136	0.000102
2064 Jan	0.00171	0.0244	0.00000852	4.71	7.9	0.0527	0.00162	21.5	0.00751	0.0126	0.000105	0.000433	0.000307	0.228	0.00000257	0.000752	0.000428	0.00136	0.000102
2064 Feb	0.00171	0.0244	0.00000852	4.71	7.9	0.0527	0.00162	21.5	0.00751	0.0126	0.000105	0.000433	0.000307	0.228	0.00000258	0.000752	0.000428	0.00136	0.000102
2064 Mar	0.00171	0.0244	0.00000852	4.71	7.9	0.0527	0.00162	21.5	0.00751	0.0126	0.000105	0.000433	0.000307	0.228	0.00000258	0.000752	0.000428	0.00136	0.000102
2064 Apr	0.00171	0.0244	0.00000852	4.71	7.9	0.0527	0.00162	21.5	0.00751	0.0126	0.000105	0.000433	0.000307	0.228	0.00000258	0.000752	0.000428	0.00136	0.000102
2064 May	0.00172	0.0245	0.00000859	4.75	7.96	0.0532	0.00163	21.5	0.00757	0.0126	0.000106	0.000436	0.000309	0.23	0.00000258	0.000758	0.000432	0.00136	0.000103
2064 Jun	0.00176	0.0249	0.00000887	4.88	8.23	0.055	0.00168	21.6	0.00783	0.0129	0.000109	0.000451	0.000318	0.237	0.0000026	0.000785	0.000446	0.00138	0.000105
2064 Jul	0.00176	0.025	0.00000889	4.89	8.25	0.0552	0.00169	21.6	0.00785	0.0129	0.000109	0.000452	0.000319	0.238	0.0000026	0.000787	0.000447	0.00138	0.000106
2064 Aug	0.00176	0.025	0.0000089	4.9	8.26	0.0552	0.00169	21.6	0.00786	0.0129	0.00011	0.000453	0.000319	0.238	0.0000026	0.000788	0.000448	0.00138	0.000106
2064 Sep	0.00177	0.0251	0.00000893	4.91	8.29	0.0554	0.0017	21.6	0.00789	0.013	0.00011	0.000454	0.00032	0.239	0.00000261	0.000791	0.000449	0.00139	0.000106
2064 Oct	0.00177	0.0251	0.00000895	4.92	8.31	0.0555	0.0017	21.7	0.00791	0.013	0.00011	0.000455	0.00032	0.239	0.00000261	0.000792	0.00045	0.00139	0.000106
2064 Nov	0.00177	0.0251	0.00000895	4.92	8.31	0.0555	0.0017	21.7	0.00791	0.013	0.00011	0.000455	0.00032	0.239	0.00000261	0.000792	0.00045	0.00139	0.000106
2064 Dec	0.00177	0.0251	0.00000895	4.92	8.31	0.0555	0.0017	21.7	0.00791	0.013	0.00011	0.000455	0.00032	0.239	0.00000261	0.000792	0.00045	0.00139	0.000106
2065 Jan	0.00177	0.0251	0.00000895	4.92	8.31	0.0555	0.0017	21.7	0.00791	0.013	0.00011	0.000455	0.00032	0.239	0.00000261	0.000792	0.00045	0.00139	0.000106
2065 Feb	0.00177	0.0251	0.00000895	4.92	8.31	0.0555	0.0017	21.7	0.00791	0.013	0.00011	0.000455	0.00032	0.239	0.00000261	0.000792	0.00045	0.00139	0.000106
2065 Mar	0.00177	0.0251	0.00000895	4.92	8.31	0.0555	0.0017	21.7	0.00791	0.013	0.00011	0.000455	0.00032	0.239	0.00000261	0.000792	0.00045	0.00139	0.000106
2065 Apr	0.00177	0.0251	0.00000895	4.92	8.31	0.0556	0.0017	21.7	0.00791	0.013	0.00011	0.000455	0.00032	0.239	0.00000261	0.000793	0.00045	0.00139	0.000106
2065 May	0.00177	0.0251	0.00000896	4.93	8.32	0.0556	0.0017	21.7	0.00792	0.013	0.00011	0.000456	0.000321	0.24	0.00000261	0.000793	0.000451	0.00139	0.000106
2065 Jun	0.0018	0.0254	0.00000915	5.01	8.5	0.0568	0.00174	21.7	0.00809	0.0132	0.000112	0.000466	0.000327	0.244	0.00000262	0.000811	0.00046	0.0014	0.000108
2065 Jul	0.00181	0.0255	0.00000921	5.04	8.55	0.0572	0.00175	21.8	0.00815	0.0132	0.000113	0.000469	0.000328	0.246	0.00000263	0.000816	0.000463	0.00141	0.000109
2065 Aug	0.00181	0.0256	0.00000923	5.05	8.57	0.0573	0.00175	21.8	0.00816	0.0133	0.000113	0.00047	0.000329	0.247	0.00000263	0.000818	0.000464	0.00141	0.000109
2065 Sep	0.00181	0.0256	0.00000923	5.05	8.57	0.0573	0.00175	21.8	0.00817	0.0133	0.000113	0.00047	0.000329	0.247	0.00000263	0.000818	0.000464	0.00141	0.000109
2065 Oct	0.00183	0.0257	0.00000934	5.11	8.68	0.058	0.00177	21.8	0.00827	0.0133	0.000114	0.000476	0.000333	0.249	0.00000264	0.000829	0.000469	0.00141	0.00011
2065 Nov	0.00183	0.0257	0.00000936	5.12	8.7	0.0581	0.00178	21.8	0.00829	0.0134	0.000114	0.000477	0.000333	0.25	0.00000264	0.000831	0.000469	0.00142	0.00011
2065 Dec	0.00183	0.0257	0.00000936	5.12	8.7	0.0581	0.00178	21.8	0.00829	0.0134	0.000114	0.000477	0.000333	0.25	0.00000264	0.000831	0.00047	0.00142	0.00011
2066 Jan	0.00183	0.0257	0.00000936	5.12	8.7	0.0581	0.00178	21.8	0.0083	0.0134	0.000114	0.000477	0.000333	0.25	0.00000264	0.000831	0.00047	0.00142	0.00011
2066 Feb	0.00183	0.0257	0.00000936	5.12	8.7	0.0581	0.00178	21.8	0.0083	0.0134	0.000114	0.000477	0.000333	0.25	0.00000264	0.000831	0.00047	0.00142	0.00011
2066 Mar	0.00183	0.0257	0.00000936	5.12	8.71	0.0581	0.00178	21.8	0.0083	0.0134	0.000114	0.000477	0.000333	0.25	0.00000264	0.000831	0.00047	0.00142	0.00011
2066 Apr	0.00183	0.0257	0.00000936	5.12	8.71	0.0581	0.00178	21.8	0.0083	0.0134	0.000114	0.000477	0.000333	0.25	0.00000264	0.000831	0.00047	0.00142	0.00011
2066 May	0.00183	0.0257	0.00000937	5.12	8.71	0.0582	0.00178	21.8	0.0083	0.0134	0.000114	0.000477	0.000334	0.25	0.00000264	0.000832	0.00047	0.00142	0.00011
2066 Jun	0.00186	0.0261	0.00000961	5.24	8.94	0.0597	0.00183	21.8	0.00853	0.0136	0.000116	0.00049	0.000341	0.257	0.00000265	0.000855	0.000481	0.00143	0.000112
2066 Jul	0.00188	0.0262	0.00000969	5.27	9.01	0.0601	0.00184	21.8	0.0086	0.0136	0.000117	0.000494	0.000343	0.259	0.00000266	0.000862	0.000485	0.00144	0.000113
2066 Aug	0.00188	0.0262	0.00000971	5.28	9.03	0.0603	0.00184	21.9	0.00862	0.0137	0.000117	0.000495	0.000344	0.259	0.00000267	0.000864	0.000486	0.00144	0.000113
2066 Sep	0.00188	0.0262	0.00000971	5.28	9.03	0.0603	0.00184	21.9	0.00862	0.0137	0.000117	0.000495	0.000344	0.259	0.00000267	0.000864	0.000486	0.00144	0.000113
2066 Oct	0.00188	0.0262	0.0000097	5.28	9.03	0.0602	0.00184	21.9	0.00861	0.0137	0.000117	0.000495	0.000344	0.259	0.00000267	0.000863	0.000486	0.00144	0.000113
2066 Nov	0.00188	0.0262	0.0000097	5.28	9.03	0.0602	0.00184	21.9	0.00861	0.0137	0.000117	0.000495	0.000344	0.259	0.00000267	0.000863	0.000486	0.00144	0.000113
2066 Dec	0.00188	0.0262	0.0000097	5.28	9.03	0.0602	0.00184	21.9	0.00861	0.0137	0.000117	0.000495	0.000344	0.259	0.00000267	0.000863	0.000486	0.00144	0.000113
2067 Jan	0.00188	0.0262	0.0000097	5.28	9.03	0.0602	0.00184	21.9	0.00861	0.0137	0.000117	0.000495	0.000344	0.259	0.00000267	0.000863	0.000486	0.00144	0.000113
2067 Feb	0.00188	0.0262	0.0000097	5.28	9.03	0.0602	0.00184	21.9	0.00861	0.0137	0.000117	0.000495	0.000344	0.259	0.00000267	0.000863	0.000486	0.00144	0.000113
2067 Mar	0.00188	0.0262	0.0000097	5.28	9.03	0.0602	0.00184	21.9	0.00861	0.0137	0.000117	0.000495	0.000344	0.259	0.00000267	0.000863	0.000486	0.00144	0.000113
2067 Apr	0.00188	0.0262	0.0000097	5.28	9.03	0.0602	0.00184	21.9	0.00861	0.0137	0.000117	0.000495	0.000344	0.259	0.00000267	0.000863	0.000486	0.00144	0.000113
2067 May	0.00188	0.0263	0.00000971	5.28	9.03	0.0603	0.00184	21.9	0.00862	0.0137	0.000117	0.000495	0.000344	0.259	0.00000267	0.000864	0.000486	0.00144	0.000113
2067 Jun	0.0019	0.0264	0.00000982	5.34	9.14	0.061	0.00187	21.9	0.00872	0.0138	0.000118	0.000501	0.000347	0.262	0.00000267	0.000874	0.000492	0.00145	0.000114
2067 Jul	0.0019	0.0265	0.00000986	5.35	9.17	0.0612	0.00187	21.9	0.00875	0.0138	0.000119	0.000503	0.000349	0.263	0.00000268	0.000877	0.000493	0.00145	0.000115
2067 Aug	0.0019	0.0265	0.00000987	5.36	9.18	0.0613	0.00187	22	0.00876	0.0139	0.000119	0.000503	0.000349	0.263	0.00000269	0.000878	0.000494	0.00145	0.000115
2067 Sep	0.0019	0.0266	0.00000987	5.36	9.19	0.0613	0.00188	22	0.00877	0.0139	0.000119	0.000503	0.000349	0.263	0.00000269	0.000878	0.000494	0.00146	0.000115
2067 Oct	0.0019	0.0265	0.00000987	5.36	9.19	0.0613	0.00188	21.9	0.00877	0.0139	0.000119	0.000503	0.000349	0.263	0.00000268	0.000879	0.000494	0.00145	0.000115
2067 Nov	0.00191	0.0266	0.00000989	5.37	9.2	0.0614	0.00188	21.9	0.00878	0.0139	0.000119	0.000504	0.00035	0.264	0.00000269	0.00088	0.000495	0.00146	0.000115
2067 Dec	0.00191	0.0266	0.00000989	5.37	9.2	0.0614	0.00188	21.9	0.00878	0.0139	0.000119	0.000504	0.00035	0.264	0.00000269	0.00088	0.000495	0.00146	0.000115
2068 Jan	0.00191	0.0266	0.00000989	5.37	9.2	0.0614	0.00188	21.9	0.00878	0.0139	0.000119	0.000504	0.00035	0.264	0.00000269	0.00088	0.000495	0.00146	0.000115
2068 Feb	0.00191	0.0266	0.00000989	5.37	9.2	0.0614	0.00188	21.9	0.00878	0.0139	0.000119	0.000504	0.00035	0.264	0.00000269	0.00088	0.000495	0.00146	0.000115
2068 Mar	0.00191	0.0266	0.00000989	5.37	9.2	0.0614	0.00188	21.9	0.00878	0.0139	0.000119	0.000504	0.00035	0.264	0.00000269	0.00088	0.000495	0.00146	0.000115
2068 Apr	0.00191	0.0266	0.00000989	5.37	9.2	0.0614	0.00188	22	0.00878	0.0139	0.000119	0.000504	0.00035	0.264	0.00000269	0.00088	0.000495	0.00146	0.000115
2068 May	0.00191	0.0266	0.00000992	5.39	9.24	0.0616	0.00189	22	0.00881	0.0139	0.00012	0.000506	0.000351	0.265	0.00000269	0.000883	0.000497	0.00146	0.000115
2068 Jun	0.00196	0.0271	0.0000103	5.55	9.56	0.0638	0.00195	21.9	0.00913	0.0142	0.000123	0.000524	0.000361	0.273	0.00000271	0.000915	0.000513	0.00148	0.000118
2068 Jul	0.00196	0.0272	0.0000103	5.56	9.59	0.064	0.00196	21.9	0.00916	0.0142	0.000124	0.000525	0.000362	0.274	0.00000271	0.000918	0.000515	0.00148	0.000119
2068 Aug	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	22	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2068 Sep	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	22	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2068 Oct	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	22	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2068 Nov	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	22	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2068 Dec	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	22	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119

Appendix D.3-2: TIRI

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Jan	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	22	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2069 Feb	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	22	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2069 Mar	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	22	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2069 Apr	0.00197	0.0273	0.0000103	5.58	9.62	0.0642	0.00196	22	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2069 May	0.00197	0.0273	0.0000103	5.58	9.62	0.0643	0.00196	22	0.00919	0.0143	0.000124	0.000527	0.000364	0.275	0.00000272	0.000921	0.000517	0.00149	0.000119
2069 Jun	0.00199	0.0275	0.0000105	5.65	9.76	0.0651	0.00199	22	0.00932	0.0144	0.000125	0.000535	0.000368	0.279	0.00000273	0.000934	0.000523	0.0015	0.000121
2069 Jul	0.002	0.0276	0.0000105	5.68	9.82	0.0656	0.002	22	0.00938	0.0145	0.000126	0.000538	0.00037	0.281	0.00000274	0.000941	0.000526	0.0015	0.000121
2069 Aug	0.002	0.0277	0.0000106	5.69	9.84	0.0657	0.00201	22	0.0094	0.0145	0.000126	0.000539	0.000371	0.281	0.00000274	0.000942	0.000527	0.00151	0.000122
2069 Sep	0.00201	0.0277	0.0000106	5.71	9.86	0.0658	0.00201	22	0.00942	0.0145	0.000126	0.00054	0.000372	0.282	0.00000275	0.000944	0.000528	0.00151	0.000122
2069 Oct	0.00202	0.0278	0.0000107	5.75	9.96	0.0664	0.00203	22	0.00951	0.0146	0.000127	0.000546	0.000375	0.284	0.00000275	0.000954	0.000533	0.00151	0.000123
2069 Nov	0.00202	0.0278	0.0000107	5.76	9.97	0.0665	0.00203	22	0.00953	0.0146	0.000127	0.000546	0.000375	0.285	0.00000275	0.000955	0.000533	0.00151	0.000123
2069 Dec	0.00202	0.0278	0.0000107	5.76	9.97	0.0665	0.00203	22	0.00953	0.0146	0.000127	0.000546	0.000375	0.285	0.00000275	0.000955	0.000533	0.00151	0.000123
2070 Jan	0.00202	0.0278	0.0000107	5.76	9.97	0.0665	0.00203	22	0.00953	0.0146	0.000127	0.000546	0.000375	0.285	0.00000275	0.000955	0.000533	0.00151	0.000123
2070 Feb	0.00202	0.0278	0.0000107	5.76	9.97	0.0665	0.00203	22	0.00953	0.0146	0.000127	0.000546	0.000375	0.285	0.00000275	0.000955	0.000533	0.00151	0.000123
2070 Mar	0.00202	0.0278	0.0000107	5.76	9.97	0.0665	0.00203	22	0.00953	0.0146	0.000127	0.000546	0.000375	0.285	0.00000275	0.000955	0.000533	0.00151	0.000123
2070 Apr	0.00202	0.0278	0.0000107	5.76	9.97	0.0665	0.00204	22	0.00953	0.0146	0.000127	0.000546	0.000376	0.285	0.00000275	0.000955	0.000533	0.00151	0.000123
2070 May	0.00203	0.0279	0.0000107	5.77	10	0.0667	0.00204	22	0.00955	0.0146	0.000127	0.000548	0.000376	0.285	0.00000275	0.000958	0.000535	0.00152	0.000123
2070 Jun	0.00204	0.0281	0.0000109	5.84	10.1	0.0676	0.00207	21.9	0.00968	0.0148	0.000129	0.000555	0.000381	0.289	0.00000276	0.000971	0.000542	0.00152	0.000125
2070 Jul	0.00205	0.0282	0.0000109	5.85	10.2	0.0678	0.00207	22	0.0097	0.0148	0.000129	0.000556	0.000382	0.29	0.00000277	0.000973	0.000543	0.00153	0.000125
2070 Aug	0.00205	0.0282	0.0000109	5.86	10.2	0.0679	0.00207	22	0.00972	0.0148	0.000129	0.000557	0.000382	0.29	0.00000277	0.000974	0.000544	0.00153	0.000125
2070 Sep	0.00205	0.0282	0.0000109	5.86	10.2	0.0679	0.00208	22	0.00972	0.0148	0.000129	0.000557	0.000382	0.29	0.00000277	0.000975	0.000544	0.00153	0.000125
2070 Oct	0.00206	0.0283	0.0000109	5.89	10.2	0.0682	0.00209	22	0.00977	0.0149	0.00013	0.00056	0.000384	0.291	0.00000277	0.000979	0.000546	0.00153	0.000126
2070 Nov	0.00206	0.0283	0.000011	5.89	10.2	0.0682	0.00209	22	0.00977	0.0149	0.00013	0.00056	0.000384	0.292	0.00000278	0.00098	0.000546	0.00153	0.000126
2070 Dec	0.00206	0.0283	0.000011	5.89	10.2	0.0683	0.00209	22	0.00978	0.0149	0.00013	0.00056	0.000384	0.292	0.00000278	0.00098	0.000546	0.00153	0.000126
2071 Jan	0.00206	0.0283	0.000011	5.89	10.2	0.0683	0.00209	22	0.00978	0.0149	0.00013	0.00056	0.000384	0.292	0.00000278	0.00098	0.000546	0.00153	0.000126
2071 Feb	0.00206	0.0283	0.000011	5.89	10.2	0.0683	0.00209	22	0.00978	0.0149	0.00013	0.00056	0.000384	0.292	0.00000278	0.00098	0.000546	0.00153	0.000126
2071 Mar	0.00206	0.0283	0.000011	5.89	10.2	0.0683	0.00209	22	0.00978	0.0149	0.00013	0.00056	0.000384	0.292	0.00000278	0.00098	0.000546	0.00153	0.000126
2071 Apr	0.00206	0.0283	0.000011	5.89	10.2	0.0683	0.00209	22	0.00978	0.0149	0.00013	0.00056	0.000384	0.292	0.00000278	0.00098	0.000546	0.00153	0.000126
2071 May	0.00206	0.0283	0.000011	5.9	10.2	0.0684	0.00209	22	0.0098	0.0149	0.00013	0.000561	0.000385	0.292	0.00000278	0.000982	0.000547	0.00153	0.000126
2071 Jun	0.00209	0.0286	0.0000112	5.99	10.4	0.0695	0.00213	21.9	0.00996	0.015	0.000132	0.000571	0.000391	0.297	0.00000279	0.000998	0.000556	0.00154	0.000128
2071 Jul	0.0021	0.0286	0.0000112	6.01	10.5	0.0699	0.00214	21.9	0.01	0.0151	0.000132	0.000573	0.000392	0.298	0.00000279	0.001	0.000558	0.00155	0.000129
2071 Aug	0.0021	0.0287	0.0000112	6.02	10.5	0.07	0.00214	22	0.01	0.0151	0.000133	0.000574	0.000393	0.299	0.0000028	0.001	0.000559	0.00155	0.000129
2071 Sep	0.0021	0.0287	0.0000112	6.02	10.5	0.0699	0.00214	21.9	0.01	0.0151	0.000133	0.000574	0.000393	0.299	0.0000028	0.001	0.000559	0.00155	0.000129
2071 Oct	0.0021	0.0287	0.0000112	6.03	10.5	0.0701	0.00214	21.9	0.01	0.0151	0.000133	0.000575	0.000394	0.299	0.0000028	0.00101	0.00056	0.00155	0.000129
2071 Nov	0.0021	0.0287	0.0000113	6.04	10.5	0.0702	0.00215	21.9	0.0101	0.0151	0.000133	0.000576	0.000394	0.3	0.0000028	0.00101	0.000561	0.00155	0.000129
2071 Dec	0.0021	0.0287	0.0000113	6.04	10.5	0.0702	0.00215	21.9	0.0101	0.0151	0.000133	0.000576	0.000394	0.3	0.0000028	0.00101	0.000561	0.00155	0.000129
2072 Jan	0.0021	0.0287	0.0000113	6.04	10.5	0.0702	0.00215	21.9	0.0101	0.0151	0.000133	0.000576	0.000394	0.3	0.0000028	0.00101	0.000561	0.00155	0.000129
2072 Feb	0.0021	0.0287	0.0000113	6.04	10.5	0.0702	0.00215	21.9	0.0101	0.0151	0.000133	0.000576	0.000394	0.3	0.0000028	0.00101	0.000561	0.00155	0.000129
2072 Mar	0.0021	0.0287	0.0000113	6.04	10.5	0.0702	0.00215	21.9	0.0101	0.0151	0.000133	0.000576	0.000394	0.3	0.0000028	0.00101	0.000561	0.00155	0.000129
2072 Apr	0.0021	0.0287	0.0000113	6.04	10.5	0.0702	0.00215	21.9	0.0101	0.0152	0.000133	0.000576	0.000394	0.3	0.0000028	0.00101	0.000561	0.00155	0.000129
2072 May	0.00211	0.0288	0.0000113	6.05	10.5	0.0703	0.00215	21.9	0.0101	0.0152	0.000133	0.000577	0.000395	0.3	0.0000028	0.00101	0.000561	0.00155	0.00013
2072 Jun	0.00212	0.0289	0.0000113	6.09	10.6	0.0708	0.00216	21.9	0.0101	0.0152	0.000134	0.000581	0.000397	0.302	0.00000281	0.00102	0.000565	0.00156	0.00013
2072 Jul	0.00212	0.0289	0.0000114	6.11	10.6	0.0711	0.00217	21.9	0.0102	0.0153	0.000134	0.000583	0.000399	0.303	0.00000281	0.00102	0.000567	0.00156	0.000131
2072 Aug	0.00213	0.029	0.0000115	6.14	10.7	0.0715	0.00219	21.9	0.0102	0.0153	0.000134	0.000587	0.000401	0.305	0.00000282	0.00103	0.00057	0.00157	0.000132
2072 Sep	0.00214	0.0291	0.0000115	6.18	10.8	0.0719	0.0022	21.9	0.0103	0.0154	0.000135	0.000591	0.000404	0.307	0.00000283	0.00103	0.000573	0.00157	0.000133
2072 Oct	0.00215	0.0292	0.0000116	6.21	10.8	0.0723	0.00222	21.8	0.0104	0.0154	0.000135	0.000594	0.000406	0.308	0.00000283	0.00104	0.000576	0.00158	0.000133
2072 Nov	0.00215	0.0292	0.0000116	6.22	10.9	0.0724	0.00222	21.8	0.0104	0.0154	0.000135	0.000594	0.000406	0.309	0.00000283	0.00104	0.000576	0.00158	0.000134
2072 Dec	0.00215	0.0292	0.0000116	6.22	10.9	0.0724	0.00222	21.8	0.0104	0.0155	0.000135	0.000594	0.000406	0.309	0.00000283	0.00104	0.000576	0.00158	0.000134
2073 Jan	0.00215	0.0292	0.0000116	6.22	10.9	0.0724	0.00222	21.8	0.0104	0.0155	0.000135	0.000595	0.000406	0.309	0.00000283	0.00104	0.000576	0.00158	0.000134
2073 Feb	0.00215	0.0292	0.0000116	6.22	10.9	0.0724	0.00222	21.8	0.0104	0.0155	0.000135	0.000595	0.000406	0.309	0.00000283	0.00104	0.000576	0.00158	0.000134
2073 Mar	0.00215	0.0292	0.0000116	6.22	10.9	0.0724	0.00222	21.8	0.0104	0.0155	0.000135	0.000595	0.000406	0.309	0.00000283	0.00104	0.000576	0.00158	0.000134
2073 Apr	0.00215	0.0292	0.0000116	6.22	10.9	0.0724	0.00222	21.8	0.0104	0.0155	0.000135	0.000595	0.000406	0.309	0.00000283	0.00104	0.000576	0.00158	0.000134
2073 May	0.00216	0.0293	0.0000117	6.24	10.9	0.0728	0.00223	21.8	0.0104	0.0155	0.000136	0.000598	0.000408	0.31	0.00000284	0.00105	0.000579	0.00158	0.000134
2073 Jun	0.00218	0.0295	0.0000118	6.31	11	0.0738	0.00226	21.8	0.0106	0.0156	0.000138	0.000605	0.000413	0.314	0.00000284	0.00106	0.000586	0.00159	0.000136
2073 Jul	0.00219	0.0296	0.0000118	6.34	11.1	0.074	0.00227	21.8	0.0106	0.0157	0.000138	0.000607	0.000414	0.315	0.00000285	0.00106	0.000588	0.00159	0.000136
2073 Aug	0.00219	0.0296	0.0000119	6.35	11.1	0.0741	0.00227	21.8	0.0106	0.0157	0.000138	0.000608	0.000415	0.316	0.00000286	0.00107	0.000589	0.0016	0.000137
2073 Sep	0.00219	0.0296	0.0000119	6.35	11.1	0.0742	0.00227	21.8	0.0106	0.0157	0.000138	0.000608	0.000415	0.316	0.00000286	0.00107	0.000589	0.0016	0.000137
2073 Oct	0.0022	0.0297	0.0000119	6.37	11.1	0.0744	0.00228	21.8	0.0107	0.0157	0.000138	0.00061	0.000416	0.317	0.00000286	0.00107	0.000591	0.0016	0.000137
2073 Nov	0.0022	0.0297	0.0000119	6.37	11.2	0.0745	0.00228	21.8	0.0107	0.0157	0.000138	0.000611	0.000417	0.317	0.00000286	0.00107	0.000591	0.0016	0.000137
2073 Dec	0.0022	0.0297	0.0000119	6.37	11.2	0.0745	0.00228	21.8	0.0107	0.0157	0.000138	0.000611	0.000417	0.317	0.00000286	0.00107	0.000591	0.0016	0.000137
2074 Jan	0.0022	0.0297	0.0000119	6.37	11.2	0.0745	0.00228	21.8	0.0107	0.0157	0.000139	0.000611	0.000417	0.317	0.00000286	0.00107	0.000591	0.0016	0.000137
2074 Feb	0.0022	0.0297	0.0000119	6.37	11.2	0.0745	0.00228	21.8	0.0107	0.0157	0.000139	0.000611	0.000417	0.317	0.00000286	0.00107	0.000591	0.0016	0.000137
2074 Mar	0.0022	0.0297	0.0000119	6.38	11.2	0.0745	0.00228	21.8	0.0107	0.0157	0.000139	0.000611	0.000417	0.317	0.00000286	0.00107	0.000591	0.0016	0.000137
2074 Apr	0.0022	0.0297	0.0000119	6.38	11.2	0.0745	0.00228	21.8	0.0107	0.0158	0.000139	0.000611	0.000417	0.317	0.00000286	0.00107	0.000592	0.0016	0.000137
2074 May	0.00221	0.0299	0.000012	6.42	11.3	0.0752	0.0023	21.7	0.0108	0.0158	0.00014	0.000616	0.00042	0.32	0.00000287	0.00108	0.000596	0.00161	0.000138
2074 Jun	0.00224	0.0303	0.0000122	6.53	11.5	0.0767	0.00234	21.6	0.011	0.016	0.000143	0.000628	0.000427	0.326	0.00000288	0.0011	0.000607	0.00162	0.000141
2074 Jul	0.00225	0.0303	0.0000123	6.55	11.5	0.0769	0.00235	21.6	0.011	0.0161	0.000143	0.00063	0.000429	0.327	0.00000289	0.0011	0.000609	0.00162	0.000141
2074 Aug	0.00225	0.0304	0.0000123	6.57	11.5	0.0771	0.00236	21.7	0.011	0.0161	0.000143	0.000631	0.00043	0.327	0.00000289	0.00111	0.000611	0.00163	0.000142
2074 Sep	0.00225	0.0304	0.0000123	6.56	11.5	0.0771	0.00236	21.7	0.011	0.0161	0.000143	0.000631	0.000429	0.327	0.00000289	0.00111	0.000611	0.00163	0.000142
2074 Oct	0.00225	0.0304	0.0000123	6.57	11.5	0.0772	0.00236	21.6	0.011	0.0161	0.000144	0.000632	0.00043	0.328	0.00000289	0.00111	0.000611	0.00163	0.000142
2074 Nov	0.00226	0.0304	0.0000123	6.58	11.6	0.0773	0.00236	21.6	0.0111	0.0161	0.000144	0.000633	0.000431	0.328	0.00000289	0.00111	0.000612	0.00163	0.000142
2074 Dec	0.00226	0.0304	0.0000123	6.58	11.6	0.0773	0.00236	21.6	0.0111	0.0161	0.000144	0.000633	0.000431	0.328	0.00000289	0.00111	0.000612	0.00163	0.000142
2075 Jan	0.00226	0.0304	0.0000123	6.58	11.6	0.0773	0.00236	21.6	0.0111	0.0161	0.000144	0.000633	0.000431	0.328	0.00000289	0.00111	0.000612	0.00163	0.000142
2075 Feb	0.00226	0.0304	0.0000123	6.58	11.6	0.0773	0.00236	21.6	0.0111	0.0161	0.000144	0.000633	0.000431	0.328	0.00000289	0.00111	0.000612	0.00163	0.000142
2075 Mar	0.00226	0.0304	0.0000123	6.58	11.6	0.0773	0.00236	21.6	0.0111	0.0162	0.000144	0.000633	0.000431	0.328	0.00000289	0.00111	0.000612	0.00163	0.000142
2075 Apr	0.00226	0.0305	0.0000123	6.59	11.6	0.0773	0.00236	21.6	0.0111	0.0162	0.000144	0.000633	0.000431	0.328	0.00000289	0.00111	0.000613	0.00163	0.000142
2075 May	0.00226	0.0305	0.0000123	6.59	11.6	0.0774	0.00237	21.7	0.0111	0.0162	0.000144	0.000634	0.000431	0.329	0.0000029	0.00111	0.000613	0.00163	0.000142

Appendix D.3-2: TIRI

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2075 Jun	0.00228	0.0307	0.0000125	6.66	11.7	0.0783	0.0024	21.5	0.0112	0.0163	0.000145	0.000642	0.000436	0.332	0.0000029	0.00112	0.00062	0.00164	0.000144
2075 Jul	0.00229	0.0308	0.0000126	6.71	11.8	0.0789	0.00241	21.5	0.0113	0.0164	0.000146	0.000646	0.000439	0.335	0.00000291	0.00113	0.000624	0.00165	0.000145
2075 Aug	0.0023	0.0308	0.0000126	6.72	11.8	0.079	0.00242	21.6	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00113	0.000625	0.00165	0.000145
2075 Sep	0.0023	0.0309	0.0000126	6.72	11.8	0.0791	0.00242	21.6	0.0113	0.0164	0.000146	0.000648	0.00044	0.335	0.00000292	0.00114	0.000625	0.00165	0.000145
2075 Oct	0.0023	0.0308	0.0000126	6.72	11.8	0.079	0.00242	21.6	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00114	0.000625	0.00165	0.000145
2075 Nov	0.0023	0.0309	0.0000126	6.72	11.8	0.079	0.00242	21.6	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00114	0.000625	0.00165	0.000145
2075 Dec	0.0023	0.0309	0.0000126	6.72	11.8	0.079	0.00242	21.6	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00114	0.000625	0.00165	0.000145
2076 Jan	0.0023	0.0309	0.0000126	6.72	11.8	0.079	0.00242	21.6	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00114	0.000625	0.00165	0.000145
2076 Feb	0.0023	0.0309	0.0000126	6.72	11.8	0.079	0.00242	21.6	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00114	0.000625	0.00165	0.000145
2076 Mar	0.0023	0.0309	0.0000126	6.72	11.8	0.079	0.00242	21.6	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00114	0.000625	0.00165	0.000145
2076 Apr	0.0023	0.0309	0.0000126	6.72	11.8	0.0791	0.00242	21.6	0.0113	0.0164	0.000146	0.000648	0.00044	0.335	0.00000292	0.00114	0.000625	0.00165	0.000145
2076 May	0.0023	0.0309	0.0000126	6.72	11.8	0.0791	0.00242	21.6	0.0113	0.0164	0.000146	0.000648	0.00044	0.336	0.00000292	0.00114	0.000626	0.00165	0.000145
2076 Jun	0.00231	0.0311	0.0000127	6.78	11.9	0.0799	0.00244	21.5	0.0114	0.0165	0.000148	0.000654	0.000444	0.338	0.00000292	0.00115	0.000631	0.00166	0.000147
2076 Jul	0.00232	0.0311	0.0000128	6.8	12	0.0802	0.00245	21.5	0.0115	0.0166	0.000148	0.000657	0.000446	0.34	0.00000293	0.00115	0.000634	0.00166	0.000147
2076 Aug	0.00233	0.0312	0.0000128	6.82	12	0.0804	0.00246	21.5	0.0115	0.0166	0.000148	0.000658	0.000446	0.341	0.00000294	0.00115	0.000635	0.00167	0.000148
2076 Sep	0.00233	0.0312	0.0000128	6.82	12	0.0804	0.00246	21.5	0.0115	0.0166	0.000148	0.000658	0.000447	0.341	0.00000294	0.00115	0.000636	0.00167	0.000148
2076 Oct	0.00233	0.0312	0.0000128	6.82	12	0.0803	0.00246	21.5	0.0115	0.0166	0.000148	0.000658	0.000446	0.34	0.00000294	0.00115	0.000635	0.00166	0.000147
2076 Nov	0.00233	0.0312	0.0000128	6.81	12	0.0803	0.00246	21.5	0.0115	0.0166	0.000148	0.000658	0.000446	0.34	0.00000294	0.00115	0.000635	0.00166	0.000147
2076 Dec	0.00233	0.0312	0.0000128	6.81	12	0.0803	0.00246	21.5	0.0115	0.0166	0.000148	0.000658	0.000446	0.34	0.00000294	0.00115	0.000635	0.00166	0.000147
2077 Jan	0.00233	0.0312	0.0000128	6.81	12	0.0803	0.00246	21.5	0.0115	0.0166	0.000148	0.000658	0.000446	0.34	0.00000294	0.00115	0.000635	0.00166	0.000147
2077 Feb	0.00233	0.0312	0.0000128	6.81	12	0.0803	0.00246	21.5	0.0115	0.0166	0.000148	0.000658	0.000446	0.34	0.00000294	0.00115	0.000635	0.00166	0.000147
2077 Mar	0.00233	0.0312	0.0000128	6.82	12	0.0803	0.00246	21.5	0.0115	0.0166	0.000148	0.000658	0.000446	0.34	0.00000294	0.00115	0.000635	0.00166	0.000147
2077 Apr	0.00233	0.0312	0.0000128	6.82	12	0.0804	0.00246	21.5	0.0115	0.0166	0.000148	0.000658	0.000446	0.341	0.00000294	0.00115	0.000635	0.00166	0.000147
2077 May	0.00233	0.0313	0.0000128	6.83	12	0.0805	0.00246	21.5	0.0115	0.0166	0.000149	0.000659	0.000447	0.341	0.00000294	0.00116	0.000636	0.00167	0.000148
2077 Jun	0.00235	0.0315	0.000013	6.9	12.2	0.0816	0.00249	21.4	0.0116	0.0168	0.000151	0.000667	0.000452	0.345	0.00000295	0.00117	0.000644	0.00168	0.00015
2077 Jul	0.00235	0.0316	0.000013	6.92	12.2	0.0817	0.0025	21.4	0.0117	0.0168	0.000151	0.000668	0.000453	0.346	0.00000295	0.00117	0.000645	0.00168	0.00015
2077 Aug	0.00236	0.0316	0.000013	6.93	12.2	0.0819	0.0025	21.5	0.0117	0.0168	0.000151	0.00067	0.000454	0.347	0.00000296	0.00117	0.000646	0.00168	0.00015
2077 Sep	0.00236	0.0317	0.000013	6.94	12.3	0.082	0.00251	21.4	0.0117	0.0168	0.000151	0.000671	0.000455	0.347	0.00000296	0.00118	0.000647	0.00168	0.00015
2077 Oct	0.00236	0.0317	0.0000131	6.95	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000648	0.00168	0.000151
2077 Nov	0.00236	0.0317	0.0000131	6.96	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000649	0.00168	0.000151
2077 Dec	0.00236	0.0317	0.0000131	6.96	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000649	0.00168	0.000151
2078 Jan	0.00236	0.0317	0.0000131	6.96	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000649	0.00168	0.000151
2078 Feb	0.00236	0.0317	0.0000131	6.96	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000649	0.00168	0.000151
2078 Mar	0.00236	0.0317	0.0000131	6.96	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000649	0.00168	0.000151
2078 Apr	0.00237	0.0317	0.0000131	6.96	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000649	0.00168	0.000151
2078 May	0.00238	0.0319	0.0000132	7	12.4	0.0828	0.00253	21.4	0.0118	0.017	0.000153	0.000677	0.000459	0.35	0.00000297	0.00119	0.000653	0.00169	0.000152
2078 Jun	0.0024	0.0321	0.0000133	7.07	12.5	0.0839	0.00256	21.2	0.0119	0.0171	0.000155	0.000684	0.000464	0.354	0.00000298	0.0012	0.000661	0.0017	0.000154
2078 Jul	0.0024	0.0322	0.0000133	7.09	12.5	0.0841	0.00257	21.3	0.012	0.0171	0.000155	0.000686	0.000465	0.355	0.00000298	0.0012	0.000662	0.0017	0.000154
2078 Aug	0.00241	0.0322	0.0000134	7.1	12.6	0.0842	0.00257	21.3	0.012	0.0172	0.000155	0.000687	0.000465	0.355	0.00000299	0.0012	0.000663	0.00171	0.000154
2078 Sep	0.00241	0.0323	0.0000134	7.1	12.6	0.0842	0.00257	21.3	0.012	0.0172	0.000155	0.000687	0.000466	0.355	0.00000299	0.00121	0.000663	0.00171	0.000154
2078 Oct	0.00241	0.0323	0.0000134	7.1	12.6	0.0842	0.00257	21.3	0.012	0.0172	0.000155	0.000688	0.000466	0.356	0.00000299	0.00121	0.000664	0.00171	0.000154
2078 Nov	0.00241	0.0323	0.0000134	7.1	12.6	0.0843	0.00257	21.3	0.012	0.0172	0.000156	0.000688	0.000466	0.356	0.00000299	0.00121	0.000664	0.00171	0.000155
2078 Dec	0.00241	0.0323	0.0000134	7.1	12.6	0.0843	0.00257	21.3	0.012	0.0172	0.000156	0.000688	0.000466	0.356	0.00000299	0.00121	0.000664	0.00171	0.000155
2079 Jan	0.00241	0.0323	0.0000134	7.1	12.6	0.0843	0.00257	21.3	0.012	0.0172	0.000156	0.000688	0.000466	0.356	0.00000299	0.00121	0.000664	0.00171	0.000155
2079 Feb	0.00241	0.0323	0.0000134	7.1	12.6	0.0843	0.00257	21.3	0.012	0.0172	0.000156	0.000688	0.000466	0.356	0.00000299	0.00121	0.000664	0.00171	0.000155
2079 Mar	0.00241	0.0323	0.0000134	7.11	12.6	0.0843	0.00257	21.3	0.012	0.0172	0.000156	0.000688	0.000466	0.356	0.00000299	0.00121	0.000664	0.00171	0.000155
2079 Apr	0.00241	0.0323	0.0000134	7.11	12.6	0.0843	0.00257	21.3	0.012	0.0172	0.000156	0.000688	0.000466	0.356	0.00000299	0.00121	0.000664	0.00171	0.000155
2079 May	0.00241	0.0323	0.0000134	7.11	12.6	0.0843	0.00257	21.3	0.012	0.0172	0.000156	0.000688	0.000466	0.356	0.00000299	0.00121	0.000664	0.00171	0.000155
2079 Jun	0.00243	0.0325	0.0000135	7.19	12.7	0.0854	0.00261	21.2	0.0122	0.0173	0.000157	0.000697	0.000472	0.36	0.000003	0.00122	0.000672	0.00172	0.000157
2079 Jul	0.00244	0.0326	0.0000136	7.22	12.8	0.0858	0.00262	21.1	0.0122	0.0174	0.000158	0.0007	0.000474	0.362	0.00000301	0.00123	0.000675	0.00172	0.000157
2079 Aug	0.00244	0.0327	0.0000136	7.23	12.8	0.0859	0.00262	21.2	0.0122	0.0174	0.000158	0.000701	0.000475	0.362	0.00000301	0.00123	0.000676	0.00173	0.000158
2079 Sep	0.00245	0.0327	0.0000136	7.24	12.8	0.086	0.00262	21.2	0.0123	0.0174	0.000158	0.000702	0.000475	0.363	0.00000301	0.00123	0.000677	0.00173	0.000158
2079 Oct	0.00245	0.0327	0.0000137	7.25	12.9	0.0862	0.00263	21.1	0.0123	0.0174	0.000158	0.000703	0.000476	0.363	0.00000301	0.00123	0.000678	0.00173	0.000158
2079 Nov	0.00245	0.0327	0.0000137	7.26	12.9	0.0863	0.00263	21.1	0.0123	0.0174	0.000159	0.000704	0.000477	0.364	0.00000302	0.00123	0.000679	0.00173	0.000158
2079 Dec	0.00245	0.0327	0.0000137	7.27	12.9	0.0864	0.00264	21.1	0.0123	0.0175	0.000159	0.000705	0.000477	0.364	0.00000302	0.00124	0.000679	0.00173	0.000159
2080 Jan	0.00245	0.0327	0.0000137	7.27	12.9	0.0864	0.00264	21.1	0.0123	0.0175	0.000159	0.000705	0.000477	0.364	0.00000302	0.00124	0.000679	0.00173	0.000159
2080 Feb	0.00245	0.0327	0.0000137	7.27	12.9	0.0864	0.00264	21.1	0.0123	0.0175	0.000159	0.000705	0.000477	0.364	0.00000302	0.00124	0.000679	0.00173	0.000159
2080 Mar	0.00245	0.0327	0.0000137	7.27	12.9	0.0864	0.00264	21.1	0.0123	0.0175	0.000159	0.000705	0.000477	0.364	0.00000302	0.00124	0.000679	0.00173	0.000159
2080 Apr	0.00245	0.0328	0.0000137	7.27	12.9	0.0864	0.00264	21.1	0.0123	0.0175	0.000159	0.000705	0.000477	0.364	0.00000302	0.00124	0.000679	0.00173	0.000159
2080 May	0.00245	0.0328	0.0000137	7.27	12.9	0.0865	0.00264	21.1	0.0123	0.0175	0.000159	0.000705	0.000477	0.364	0.00000302	0.00124	0.00068	0.00173	0.000159
2080 Jun	0.00246	0.0329	0.0000138	7.31	13	0.0869	0.00265	21.1	0.0124	0.0175	0.000159	0.000709	0.00048	0.366	0.00000302	0.00124	0.000683	0.00173	0.00016
2080 Jul	0.00247	0.0329	0.0000138	7.34	13	0.0873	0.00266	21	0.0124	0.0176	0.00016	0.000712	0.000482	0.368	0.00000303	0.00125	0.000686	0.00174	0.00016
2080 Aug	0.00247	0.033	0.0000138	7.35	13	0.0874	0.00267	21	0.0124	0.0176	0.00016	0.000713	0.000482	0.368	0.00000303	0.00125	0.000686	0.00174	0.000161
2080 Sep	0.00248	0.033	0.0000139	7.36	13.1	0.0876	0.00267	21	0.0125	0.0176	0.00016	0.000715	0.000484	0.369	0.00000303	0.00125	0.000688	0.00174	0.000161
2080 Oct	0.00248	0.033	0.0000139	7.38	13.1	0.0878	0.00268	21	0.0125	0.0176	0.00016	0.000716	0.000484	0.37	0.00000304	0.00126	0.000689	0.00174	0.000161
2080 Nov	0.00248	0.0331	0.0000139	7.38	13.1	0.0878	0.00268	21	0.0125	0.0177	0.00016	0.000717	0.000485	0.37	0.00000304	0.00126	0.00069	0.00175	0.000161
2080 Dec	0.00248	0.0331	0.0000139	7.38	13.1	0.0879	0.00268	21	0.0125	0.0177	0.00016	0.000717	0.000485	0.37	0.00000304	0.00126	0.00069	0.00175	0.000162
2081 Jan	0.00248	0.0331	0.0000139	7.39	13.1	0.0879	0.00268	21	0.0125	0.0177	0.00016	0.000717	0.000485	0.37	0.00000304	0.00126	0.00069	0.00175	0.000162
2081 Feb	0.00248	0.0331	0.0000139	7.39	13.1	0.0879	0.00268	21	0.0125	0.0177	0.00016	0.000717	0.000485	0.37	0.00000304	0.00126	0.00069	0.00175	0.000162
2081 Mar	0.00248	0.0331	0.0000139	7.39	13.1	0.0879	0.00268	21	0.0125	0.0177	0.00016	0.000717	0.000485	0.37	0.00000304	0.00126	0.00069	0.00175	0.000162
2081 Apr	0.00249	0.0331	0.0000139	7.39	13.1	0.0879	0.00268	21	0.0125	0.0177	0.00016	0.000717	0.000485	0.37	0.00000304	0.00126	0.00069	0.00175	0.000162
2081 May	0.00249	0.0331	0.000014	7.4	13.1	0.0881	0.00269	21	0.0125	0.0177	0.000161	0.000719	0.000486	0.371	0.00000304	0.00126	0.000692	0.00175	0.000162
2081 Jun	0.0025	0.0333	0.000014	7.45	13.2	0.0888	0.00271	20.9	0.0126	0.0178	0.000162	0.000724	0.00049	0.374	0.00000305	0.00127	0.000696	0.00175	0.000163
2081 Jul	0.00251	0.0334	0.0000141	7.47	13.3	0.089	0.00272	20.9	0.0127	0.0178	0.000162	0.000726	0.000491	0.375	0.00000306	0.00127	0.000698	0.00176	0.000164
2081 Aug	0.00252	0.0334	0.0000141	7.49	13.3	0.0893	0.00272	21	0.0127	0.0179	0.000163	0.000728	0.000492	0.376	0.00000306	0.00128	0.0007	0.00176	0.000164
2081 Sep	0.00252	0.0335	0.0000141	7.49	13.3	0.0893	0.00272	21	0.0127	0.0179	0.000163	0.000728	0.000492	0.376	0.00000306	0.00128	0.0007	0.00176	0.000164
2081 Oct	0.00252	0.0335	0.0000141	7.49	13.3	0.0893	0.00272	21	0.0127	0.0179	0.000163	0.000728	0.000492	0.376	0.00000306	0.00128	0.0007	0.00176	0.000164

Appendix D.3-2: TIRI

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2081 Nov	0.00251	0.0334	0.0000141	7.49	13.3	0.0892	0.00272	21	0.0127	0.0179	0.000163	0.000728	0.000492	0.376	0.00000306	0.00128	0.0007	0.00176	0.000164
2081 Dec	0.00251	0.0334	0.0000141	7.49	13.3	0.0892	0.00272	21	0.0127	0.0179	0.000163	0.000728	0.000492	0.375	0.00000306	0.00128	0.0007	0.00176	0.000164
2082 Jan	0.00251	0.0334	0.0000141	7.49	13.3	0.0892	0.00272	21	0.0127	0.0179	0.000163	0.000728	0.000492	0.375	0.00000306	0.00128	0.0007	0.00176	0.000164
2082 Feb	0.00251	0.0334	0.0000141	7.49	13.3	0.0892	0.00272	21	0.0127	0.0179	0.000163	0.000728	0.000492	0.375	0.00000306	0.00128	0.0007	0.00176	0.000164
2082 Mar	0.00251	0.0334	0.0000141	7.49	13.3	0.0892	0.00272	21	0.0127	0.0179	0.000163	0.000728	0.000492	0.375	0.00000306	0.00128	0.0007	0.00176	0.000164
2082 Apr	0.00252	0.0334	0.0000141	7.49	13.3	0.0892	0.00272	21	0.0127	0.0179	0.000163	0.000728	0.000492	0.376	0.00000306	0.00128	0.0007	0.00176	0.000164
2082 May	0.00252	0.0335	0.0000141	7.49	13.3	0.0893	0.00272	21	0.0127	0.0179	0.000163	0.000728	0.000492	0.376	0.00000306	0.00128	0.0007	0.00176	0.000164
2082 Jun	0.00253	0.0336	0.0000143	7.56	13.4	0.0901	0.00275	20.8	0.0128	0.018	0.000163	0.000735	0.000497	0.379	0.00000307	0.00129	0.000706	0.00177	0.000166
2082 Jul	0.00255	0.0337	0.0000144	7.62	13.5	0.0908	0.00277	20.8	0.0129	0.0181	0.000164	0.000741	0.000501	0.382	0.00000308	0.0013	0.000711	0.00178	0.000167
2082 Aug	0.00255	0.0338	0.0000144	7.63	13.6	0.091	0.00278	20.8	0.0129	0.0181	0.000164	0.000742	0.000502	0.383	0.00000309	0.0013	0.000712	0.00178	0.000168
2082 Sep	0.00255	0.0338	0.0000144	7.63	13.6	0.091	0.00278	20.8	0.013	0.0181	0.000165	0.000743	0.000502	0.383	0.00000309	0.0013	0.000712	0.00178	0.000168
2082 Oct	0.00255	0.0338	0.0000144	7.63	13.6	0.0909	0.00278	20.8	0.0129	0.0181	0.000164	0.000742	0.000501	0.383	0.00000308	0.0013	0.000712	0.00178	0.000168
2082 Nov	0.00255	0.0338	0.0000144	7.63	13.6	0.091	0.00278	20.8	0.0129	0.0181	0.000164	0.000742	0.000502	0.383	0.00000308	0.0013	0.000712	0.00178	0.000168
2082 Dec	0.00255	0.0338	0.0000144	7.63	13.6	0.091	0.00278	20.8	0.013	0.0181	0.000164	0.000742	0.000502	0.383	0.00000308	0.0013	0.000712	0.00178	0.000168
2083 Jan	0.00255	0.0338	0.0000144	7.63	13.6	0.091	0.00278	20.8	0.013	0.0181	0.000164	0.000742	0.000502	0.383	0.00000308	0.0013	0.000712	0.00178	0.000168
2083 Feb	0.00255	0.0338	0.0000144	7.63	13.6	0.091	0.00278	20.8	0.013	0.0181	0.000164	0.000743	0.000502	0.383	0.00000309	0.0013	0.000712	0.00178	0.000168
2083 Mar	0.00255	0.0338	0.0000144	7.63	13.6	0.091	0.00278	20.8	0.013	0.0181	0.000164	0.000743	0.000502	0.383	0.00000309	0.0013	0.000712	0.00178	0.000168
2083 Apr	0.00255	0.0338	0.0000144	7.63	13.6	0.091	0.00278	20.8	0.013	0.0181	0.000164	0.000743	0.000502	0.383	0.00000309	0.0013	0.000712	0.00178	0.000168
2083 May	0.00256	0.0339	0.0000144	7.65	13.6	0.0913	0.00279	20.8	0.013	0.0182	0.000165	0.000745	0.000503	0.384	0.00000309	0.00131	0.000714	0.00179	0.000168
2083 Jun	0.00258	0.0341	0.0000146	7.72	13.7	0.0922	0.00282	20.6	0.0131	0.0183	0.000166	0.000752	0.000508	0.388	0.0000031	0.00132	0.000721	0.00179	0.00017
2083 Jul	0.00258	0.0342	0.0000146	7.75	13.8	0.0925	0.00283	20.6	0.0132	0.0183	0.000167	0.000755	0.00051	0.389	0.0000031	0.00132	0.000724	0.0018	0.000171
2083 Aug	0.00259	0.0342	0.0000146	7.76	13.8	0.0927	0.00283	20.6	0.0132	0.0184	0.000167	0.000756	0.000511	0.389	0.00000311	0.00133	0.000725	0.0018	0.000171
2083 Sep	0.00259	0.0342	0.0000147	7.78	13.8	0.093	0.00284	20.6	0.0132	0.0184	0.000167	0.000758	0.000512	0.391	0.00000311	0.00133	0.000726	0.0018	0.000172
2083 Oct	0.0026	0.0343	0.0000147	7.81	13.9	0.0933	0.00285	20.5	0.0133	0.0184	0.000167	0.000761	0.000514	0.392	0.00000311	0.00133	0.000728	0.00181	0.000173
2083 Nov	0.0026	0.0343	0.0000147	7.81	13.9	0.0933	0.00285	20.5	0.0133	0.0184	0.000168	0.000761	0.000514	0.392	0.00000311	0.00134	0.000729	0.00181	0.000173
2083 Dec	0.0026	0.0343	0.0000147	7.81	13.9	0.0933	0.00285	20.5	0.0133	0.0184	0.000168	0.000761	0.000514	0.392	0.00000311	0.00134	0.000729	0.00181	0.000173
2084 Jan	0.0026	0.0343	0.0000147	7.81	13.9	0.0933	0.00285	20.5	0.0133	0.0184	0.000168	0.000762	0.000514	0.392	0.00000311	0.00134	0.000729	0.00181	0.000173
2084 Feb	0.0026	0.0343	0.0000147	7.81	13.9	0.0934	0.00285	20.5	0.0133	0.0184	0.000168	0.000762	0.000514	0.392	0.00000311	0.00134	0.000729	0.00181	0.000173
2084 Mar	0.0026	0.0343	0.0000147	7.81	13.9	0.0934	0.00285	20.5	0.0133	0.0184	0.000168	0.000762	0.000514	0.392	0.00000311	0.00134	0.000729	0.00181	0.000173
2084 Apr	0.0026	0.0343	0.0000148	7.82	13.9	0.0934	0.00285	20.5	0.0133	0.0184	0.000168	0.000762	0.000515	0.392	0.00000312	0.00134	0.000729	0.00181	0.000173
2084 May	0.00261	0.0344	0.0000148	7.83	13.9	0.0936	0.00286	20.5	0.0133	0.0185	0.000168	0.000763	0.000516	0.393	0.00000312	0.00134	0.000731	0.00181	0.000173
2084 Jun	0.00262	0.0345	0.0000149	7.88	14	0.0943	0.00288	20.3	0.0134	0.0185	0.000169	0.000769	0.000519	0.396	0.00000312	0.00135	0.000736	0.00181	0.000175
2084 Jul	0.00263	0.0346	0.0000149	7.9	14.1	0.0946	0.00289	20.4	0.0134	0.0186	0.00017	0.000771	0.000521	0.397	0.00000313	0.00135	0.000738	0.00182	0.000175
2084 Aug	0.00263	0.0347	0.0000149	7.92	14.1	0.0947	0.00289	20.4	0.0135	0.0186	0.00017	0.000772	0.000521	0.397	0.00000313	0.00135	0.000739	0.00182	0.000175
2084 Sep	0.00263	0.0347	0.0000149	7.92	14.1	0.0947	0.00289	20.4	0.0135	0.0186	0.00017	0.000772	0.000521	0.397	0.00000313	0.00135	0.000739	0.00182	0.000175
2084 Oct	0.00263	0.0347	0.000015	7.93	14.1	0.0949	0.0029	20.4	0.0135	0.0186	0.00017	0.000773	0.000522	0.398	0.00000313	0.00136	0.00074	0.00182	0.000176
2084 Nov	0.00263	0.0347	0.000015	7.93	14.1	0.095	0.0029	20.3	0.0135	0.0186	0.00017	0.000774	0.000523	0.398	0.00000314	0.00136	0.00074	0.00182	0.000176
2084 Dec	0.00263	0.0347	0.000015	7.93	14.1	0.095	0.0029	20.3	0.0135	0.0186	0.00017	0.000774	0.000523	0.398	0.00000314	0.00136	0.00074	0.00182	0.000176
2085 Jan	0.00263	0.0347	0.000015	7.93	14.1	0.095	0.0029	20.3	0.0135	0.0186	0.00017	0.000774	0.000523	0.398	0.00000314	0.00136	0.00074	0.00182	0.000176
2085 Feb	0.00263	0.0347	0.000015	7.93	14.1	0.095	0.0029	20.3	0.0135	0.0186	0.00017	0.000774	0.000523	0.398	0.00000314	0.00136	0.00074	0.00182	0.000176
2085 Mar	0.00263	0.0347	0.000015	7.93	14.1	0.095	0.0029	20.3	0.0135	0.0186	0.00017	0.000774	0.000523	0.398	0.00000314	0.00136	0.00074	0.00182	0.000176
2085 Apr	0.00263	0.0347	0.000015	7.94	14.1	0.095	0.0029	20.4	0.0135	0.0186	0.00017	0.000774	0.000523	0.398	0.00000314	0.00136	0.000741	0.00182	0.000176
2085 May	0.00264	0.0347	0.000015	7.95	14.2	0.0951	0.00291	20.3	0.0135	0.0187	0.000171	0.000775	0.000524	0.399	0.00000314	0.00136	0.000742	0.00183	0.000176
2085 Jun	0.00265	0.0349	0.0000151	7.98	14.2	0.0956	0.00292	20.3	0.0136	0.0187	0.000171	0.000778	0.000526	0.401	0.00000314	0.00136	0.000745	0.00183	0.000177
2085 Jul	0.00265	0.0349	0.0000151	7.99	14.2	0.0958	0.00293	20.3	0.0136	0.0188	0.000172	0.00078	0.000527	0.401	0.00000315	0.00137	0.000746	0.00183	0.000177
2085 Aug	0.00265	0.0349	0.0000151	8	14.3	0.0958	0.00293	20.3	0.0136	0.0188	0.000172	0.000781	0.000527	0.402	0.00000315	0.00137	0.000747	0.00183	0.000178
2085 Sep	0.00266	0.035	0.0000152	8.03	14.3	0.0962	0.00294	20.3	0.0137	0.0188	0.000172	0.000783	0.000529	0.403	0.00000315	0.00137	0.000749	0.00184	0.000178
2085 Oct	0.00266	0.035	0.0000152	8.04	14.3	0.0964	0.00295	20.2	0.0137	0.0188	0.000172	0.000785	0.00053	0.404	0.00000316	0.00138	0.000751	0.00184	0.000179
2085 Nov	0.00267	0.035	0.0000152	8.05	14.4	0.0965	0.00295	20.2	0.0137	0.0188	0.000172	0.000786	0.000531	0.405	0.00000316	0.00138	0.000751	0.00184	0.000179
2085 Dec	0.00267	0.035	0.0000152	8.05	14.4	0.0965	0.00295	20.2	0.0137	0.0188	0.000172	0.000786	0.000531	0.405	0.00000316	0.00138	0.000751	0.00184	0.000179
2086 Jan	0.00267	0.035	0.0000152	8.05	14.4	0.0965	0.00295	20.2	0.0137	0.0188	0.000172	0.000786	0.000531	0.405	0.00000316	0.00138	0.000751	0.00184	0.000179
2086 Feb	0.00267	0.035	0.0000152	8.06	14.4	0.0965	0.00295	20.2	0.0137	0.0188	0.000172	0.000786	0.000531	0.405	0.00000316	0.00138	0.000751	0.00184	0.000179
2086 Mar	0.00267	0.035	0.0000152	8.06	14.4	0.0965	0.00295	20.2	0.0137	0.0188	0.000172	0.000786	0.000531	0.405	0.00000316	0.00138	0.000751	0.00184	0.000179
2086 Apr	0.00267	0.035	0.0000152	8.06	14.4	0.0965	0.00295	20.2	0.0137	0.0188	0.000173	0.000786	0.000531	0.405	0.00000316	0.00138	0.000752	0.00184	0.000179
2086 May	0.00267	0.0351	0.0000152	8.06	14.4	0.0966	0.00295	20.2	0.0137	0.0188	0.000173	0.000787	0.000532	0.405	0.00000316	0.00138	0.000752	0.00184	0.000179
2086 Jun	0.00269	0.0353	0.0000153	8.12	14.5	0.0975	0.00298	20.1	0.0138	0.0189	0.000174	0.000794	0.000536	0.408	0.00000317	0.00139	0.000758	0.00185	0.000181
2086 Jul	0.0027	0.0354	0.0000154	8.16	14.6	0.0979	0.00299	20.1	0.0139	0.019	0.000175	0.000797	0.000538	0.41	0.00000317	0.0014	0.000761	0.00185	0.000182
2086 Aug	0.0027	0.0354	0.0000154	8.17	14.6	0.098	0.003	20.1	0.0139	0.019	0.000175	0.000798	0.000539	0.411	0.00000318	0.0014	0.000762	0.00186	0.000182
2086 Sep	0.0027	0.0354	0.0000155	8.18	14.6	0.0982	0.003	20.1	0.0139	0.019	0.000175	0.0008	0.00054	0.411	0.00000318	0.0014	0.000764	0.00186	0.000182
2086 Oct	0.00271	0.0354	0.0000155	8.19	14.6	0.0983	0.003	20	0.014	0.0191	0.000175	0.000801	0.00054	0.412	0.00000318	0.0014	0.000764	0.00186	0.000183
2086 Nov	0.00271	0.0355	0.0000155	8.19	14.6	0.0983	0.00301	20	0.014	0.0191	0.000175	0.000801	0.00054	0.412	0.00000318	0.0014	0.000764	0.00186	0.000183
2086 Dec	0.00271	0.0355	0.0000155	8.19	14.6	0.0983	0.00301	20	0.014	0.0191	0.000175	0.000801	0.00054	0.412	0.00000318	0.0014	0.000764	0.00186	0.000183
2087 Jan	0.00271	0.0355	0.0000155	8.19	14.6	0.0983	0.00301	20	0.014	0.0191	0.000175	0.000801	0.00054	0.412	0.00000318	0.0014	0.000764	0.00186	0.000183
2087 Feb	0.00271	0.0355	0.0000155	8.19	14.6	0.0983	0.00301	20	0.014	0.0191	0.000175	0.000801	0.00054	0.412	0.00000318	0.0014	0.000764	0.00186	0.000183
2087 Mar	0.00271	0.0355	0.0000155	8.19	14.6	0.0983	0.00301	20	0.014	0.0191	0.000175	0.000801	0.00054	0.412	0.00000318	0.0014	0.000764	0.00186	0.000183
2087 Apr	0.00271	0.0355	0.0000155	8.19	14.6	0.0983	0.00301	20	0.014	0.0191	0.000175	0.000801	0.000541	0.412	0.00000318	0.0014	0.000764	0.00186	0.000183
2087 May	0.00271	0.0355	0.0000155	8.21	14.6	0.0985	0.00301	20	0.014	0.0191	0.000176	0.000802	0.000541	0.413	0.00000318	0.00141	0.000766	0.00186	0.000183
2087 Jun	0.00272	0.0357	0.0000156	8.26	14.7	0.0992	0.00303	19.9	0.0141	0.0192	0.000177	0.000807	0.000545	0.415	0.00000319	0.00142	0.000771	0.00187	0.000184
2087 Jul	0.00273	0.0357	0.0000156	8.27	14.8	0.0994	0.00304	19.9	0.0141	0.0192	0.000177	0.000809	0.000546	0.416	0.00000319	0.00142	0.000772	0.00187	0.000184
2087 Aug	0.00273	0.0358	0.0000156	8.28	14.8	0.0996	0.00304	20	0.0141	0.0192	0.000178	0.00081	0.000547	0.417	0.0000032	0.00142	0.000773	0.00187	0.000185
2087 Sep	0.00273	0.0358	0.0000157	8.29	14.8	0.0996	0.00304	20	0.0141	0.0193	0.000178	0.000811	0.000547	0.417	0.0000032	0.00142	0.000774	0.00187	0.000185
2087 Oct	0.00273	0.0358	0.0000157	8.29	14.8	0.0996	0.00304	20	0.0141	0.0192	0.000178	0.00081	0.000547	0.417	0.0000032	0.00142	0.000774	0.00187	0.000185
2087 Nov	0.00273	0.0358	0.0000157	8.29	14.8	0.0996	0.00304	20	0.0141	0.0192	0.000178	0.00081	0.000547	0.417	0.0000032	0.00142	0.000774	0.00187	0.000185
2087 Dec	0.00273	0.0358	0.0000157	8.29	14.8	0.0996	0.00304	20	0.0141	0.0192	0.000178	0.00081	0.000547	0.417	0.0000032	0.00142	0.000774	0.00187	0.000185
2088 Jan	0.00273	0.0358	0.0000157	8.29	14.8	0.0996	0.00304	20	0.0141	0.0192	0.000178	0.00081	0.000547	0.417	0.0000032	0.00142	0.000774	0.00187	0.000185
2088 Feb	0.00273	0.0358	0.0000157	8.29	14.8	0.0996	0.00304	20	0.0141	0.0192	0.000178	0.00081	0.000547	0.417	0.0000032	0.00142	0.000774	0.00187	0.000185
2088 Mar	0.00273	0.0358	0.0000157	8.29	14.8	0.0996	0.00304	20	0.0141	0.0192	0.000178	0.00081	0.000547	0.417	0.0000032	0.00142	0.000774	0.00187	0.000185

Appendix D.3-2: TIRI

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Apr	0.00273	0.0358	0.0000157	8.29	14.8	0.0996	0.00304	20	0.0141	0.0193	0.000178	0.000811	0.000547	0.417	0.0000032	0.00142	0.000774	0.00187	0.000185
2088 May	0.00274	0.0359	0.0000157	8.3	14.8	0.0997	0.00305	20	0.0141	0.0193	0.000178	0.000811	0.000548	0.417	0.00000321	0.00142	0.000775	0.00188	0.000185
2088 Jun	0.00274	0.0359	0.0000157	8.32	14.9	0.1	0.00306	20	0.0142	0.0193	0.000178	0.000814	0.000549	0.418	0.00000321	0.00143	0.000777	0.00188	0.000186
2088 Jul	0.00275	0.036	0.0000158	8.35	14.9	0.1	0.00307	20	0.0142	0.0194	0.000179	0.000817	0.000551	0.42	0.00000322	0.00143	0.000779	0.00188	0.000186
2088 Aug	0.00276	0.0361	0.0000158	8.37	15	0.101	0.00307	20	0.0143	0.0194	0.000179	0.000819	0.000552	0.421	0.00000322	0.00144	0.000782	0.00189	0.000187
2088 Sep	0.00276	0.0361	0.0000158	8.38	15	0.101	0.00308	20	0.0143	0.0194	0.000179	0.000819	0.000553	0.421	0.00000323	0.00144	0.000782	0.00189	0.000187
2088 Oct	0.00276	0.0361	0.0000158	8.36	14.9	0.101	0.00307	20	0.0143	0.0194	0.000179	0.000818	0.000552	0.421	0.00000322	0.00143	0.000781	0.00189	0.000187
2088 Nov	0.00276	0.0361	0.0000158	8.36	14.9	0.101	0.00307	20	0.0143	0.0194	0.000179	0.000818	0.000552	0.42	0.00000322	0.00143	0.000781	0.00189	0.000187
2088 Dec	0.00276	0.0361	0.0000158	8.36	14.9	0.101	0.00307	20	0.0143	0.0194	0.000179	0.000818	0.000552	0.421	0.00000322	0.00143	0.000781	0.00189	0.000187
2089 Jan	0.00276	0.0361	0.0000158	8.36	14.9	0.101	0.00307	20	0.0143	0.0194	0.000179	0.000818	0.000552	0.421	0.00000322	0.00143	0.000781	0.00189	0.000187
2089 Feb	0.00276	0.0361	0.0000158	8.36	14.9	0.101	0.00307	20	0.0143	0.0194	0.000179	0.000818	0.000552	0.421	0.00000322	0.00143	0.000781	0.00189	0.000187
2089 Mar	0.00276	0.0361	0.0000158	8.36	14.9	0.101	0.00307	20	0.0143	0.0194	0.000179	0.000818	0.000552	0.421	0.00000322	0.00143	0.000781	0.00189	0.000187
2089 Apr	0.00276	0.0361	0.0000158	8.37	14.9	0.101	0.00307	20	0.0143	0.0194	0.000179	0.000818	0.000552	0.421	0.00000322	0.00144	0.000781	0.00189	0.000187
2089 May	0.00276	0.0362	0.0000158	8.38	15	0.101	0.00308	20	0.0143	0.0195	0.000179	0.00082	0.000553	0.421	0.00000323	0.00144	0.000783	0.00189	0.000187
2089 Jun	0.00277	0.0363	0.0000159	8.43	15.1	0.101	0.0031	19.9	0.0144	0.0195	0.000181	0.000824	0.000556	0.424	0.00000323	0.00145	0.000787	0.0019	0.000188
2089 Jul	0.00278	0.0364	0.0000159	8.44	15.1	0.102	0.0031	20	0.0144	0.0196	0.000181	0.000826	0.000557	0.424	0.00000324	0.00145	0.000788	0.0019	0.000188
2089 Aug	0.00278	0.0365	0.000016	8.45	15.1	0.102	0.00311	20	0.0144	0.0196	0.000181	0.000827	0.000558	0.425	0.00000324	0.00145	0.00079	0.0019	0.000189
2089 Sep	0.00278	0.0365	0.000016	8.46	15.1	0.102	0.00311	20	0.0144	0.0196	0.000181	0.000828	0.000558	0.425	0.00000324	0.00145	0.00079	0.0019	0.000189
2089 Oct	0.00279	0.0365	0.000016	8.49	15.2	0.102	0.00312	19.9	0.0145	0.0197	0.000182	0.000831	0.00056	0.427	0.00000325	0.00146	0.000793	0.00191	0.00019
2089 Nov	0.00279	0.0365	0.0000161	8.49	15.2	0.102	0.00312	19.9	0.0145	0.0197	0.000182	0.000831	0.000561	0.427	0.00000325	0.00146	0.000793	0.00191	0.00019
2089 Dec	0.00279	0.0365	0.0000161	8.49	15.2	0.102	0.00312	19.9	0.0145	0.0197	0.000182	0.000831	0.000561	0.427	0.00000325	0.00146	0.000793	0.00191	0.00019
2090 Jan	0.00279	0.0365	0.0000161	8.49	15.2	0.102	0.00312	19.9	0.0145	0.0197	0.000182	0.000831	0.000561	0.427	0.00000325	0.00146	0.000793	0.00191	0.00019
2090 Feb	0.00279	0.0365	0.0000161	8.49	15.2	0.102	0.00312	19.9	0.0145	0.0197	0.000182	0.000831	0.000561	0.427	0.00000325	0.00146	0.000793	0.00191	0.00019
2090 Mar	0.00279	0.0365	0.0000161	8.49	15.2	0.102	0.00312	19.9	0.0145	0.0197	0.000182	0.000831	0.000561	0.427	0.00000325	0.00146	0.000793	0.00191	0.00019
2090 Apr	0.00279	0.0365	0.0000161	8.5	15.2	0.102	0.00312	19.9	0.0145	0.0197	0.000182	0.000832	0.000561	0.427	0.00000325	0.00146	0.000793	0.00191	0.00019
2090 May	0.0028	0.0366	0.0000161	8.5	15.2	0.102	0.00313	19.9	0.0145	0.0197	0.000182	0.000832	0.000561	0.428	0.00000325	0.00146	0.000794	0.00191	0.00019
2090 Jun	0.00282	0.0369	0.0000163	8.6	15.4	0.104	0.00317	19.7	0.0147	0.0198	0.000184	0.000843	0.000568	0.433	0.00000327	0.00148	0.000804	0.00192	0.000193
2090 Jul	0.00283	0.037	0.0000163	8.63	15.4	0.104	0.00318	19.8	0.0147	0.0199	0.000185	0.000845	0.00057	0.434	0.00000327	0.00148	0.000806	0.00192	0.000193
2090 Aug	0.00284	0.037	0.0000164	8.66	15.5	0.104	0.00319	19.7	0.0148	0.0199	0.000185	0.000848	0.000572	0.436	0.00000328	0.00149	0.000808	0.00193	0.000194
2090 Sep	0.00285	0.0371	0.0000164	8.69	15.6	0.105	0.0032	19.7	0.0148	0.02	0.000185	0.000851	0.000574	0.437	0.00000328	0.00149	0.000811	0.00193	0.000195
2090 Oct	0.00285	0.0371	0.0000165	8.71	15.6	0.105	0.00321	19.6	0.0149	0.02	0.000186	0.000854	0.000576	0.439	0.00000328	0.0015	0.000813	0.00193	0.000195
2090 Nov	0.00286	0.0371	0.0000165	8.72	15.6	0.105	0.00322	19.6	0.0149	0.02	0.000186	0.000855	0.000576	0.439	0.00000328	0.0015	0.000814	0.00193	0.000196
2090 Dec	0.00286	0.0371	0.0000165	8.72	15.6	0.105	0.00322	19.5	0.0149	0.02	0.000186	0.000855	0.000576	0.439	0.00000328	0.0015	0.000814	0.00193	0.000196
2091 Jan	0.00286	0.0371	0.0000165	8.73	15.6	0.105	0.00322	19.5	0.0149	0.02	0.000186	0.000855	0.000576	0.439	0.00000328	0.0015	0.000814	0.00193	0.000196
2091 Feb	0.00286	0.0371	0.0000165	8.73	15.6	0.105	0.00322	19.5	0.0149	0.02	0.000186	0.000855	0.000576	0.439	0.00000328	0.0015	0.000814	0.00193	0.000196
2091 Mar	0.00286	0.0371	0.0000165	8.73	15.6	0.105	0.00322	19.6	0.0149	0.02	0.000186	0.000856	0.000577	0.439	0.00000328	0.0015	0.000814	0.00193	0.000196
2091 Apr	0.00286	0.0372	0.0000165	8.73	15.6	0.105	0.00322	19.6	0.0149	0.02	0.000186	0.000856	0.000577	0.44	0.00000328	0.0015	0.000814	0.00194	0.000196
2091 May	0.00286	0.0372	0.0000165	8.74	15.7	0.105	0.00322	19.6	0.0149	0.02	0.000186	0.000857	0.000577	0.44	0.00000329	0.0015	0.000815	0.00194	0.000196
2091 Jun	0.00287	0.0374	0.0000166	8.78	15.7	0.106	0.00324	19.4	0.015	0.0201	0.000187	0.000862	0.00058	0.442	0.00000329	0.00151	0.00082	0.00194	0.000197
2091 Jul	0.00288	0.0375	0.0000167	8.81	15.8	0.106	0.00325	19.5	0.0151	0.0202	0.000188	0.000864	0.000582	0.444	0.0000033	0.00152	0.000822	0.00195	0.000198
2091 Aug	0.00288	0.0375	0.0000167	8.81	15.8	0.106	0.00325	19.5	0.0151	0.0202	0.000188	0.000865	0.000583	0.444	0.0000033	0.00152	0.000823	0.00195	0.000198
2091 Sep	0.00289	0.0375	0.0000167	8.83	15.8	0.107	0.00326	19.5	0.0151	0.0202	0.000188	0.000866	0.000584	0.445	0.0000033	0.00152	0.000824	0.00195	0.000198
2091 Oct	0.00289	0.0376	0.0000167	8.85	15.9	0.107	0.00326	19.4	0.0151	0.0202	0.000188	0.000868	0.000585	0.446	0.00000331	0.00152	0.000826	0.00195	0.000198
2091 Nov	0.00289	0.0376	0.0000168	8.86	15.9	0.107	0.00327	19.4	0.0152	0.0202	0.000189	0.000869	0.000586	0.446	0.00000331	0.00153	0.000827	0.00195	0.000199
2091 Dec	0.00289	0.0376	0.0000168	8.86	15.9	0.107	0.00327	19.4	0.0152	0.0202	0.000189	0.000869	0.000586	0.446	0.00000331	0.00153	0.000827	0.00195	0.000199
2092 Jan	0.0029	0.0376	0.0000168	8.86	15.9	0.107	0.00327	19.4	0.0152	0.0202	0.000189	0.000869	0.000586	0.446	0.00000331	0.00153	0.000827	0.00195	0.000199
2092 Feb	0.0029	0.0376	0.0000168	8.86	15.9	0.107	0.00327	19.4	0.0152	0.0202	0.000189	0.000869	0.000586	0.446	0.00000331	0.00153	0.000827	0.00195	0.000199
2092 Mar	0.0029	0.0376	0.0000168	8.86	15.9	0.107	0.00327	19.4	0.0152	0.0202	0.000189	0.000869	0.000586	0.446	0.00000331	0.00153	0.000827	0.00195	0.000199
2092 Apr	0.0029	0.0376	0.0000168	8.86	15.9	0.107	0.00327	19.4	0.0152	0.0202	0.000189	0.00087	0.000586	0.447	0.00000331	0.00153	0.000827	0.00195	0.000199
2092 May	0.0029	0.0376	0.0000168	8.88	15.9	0.107	0.00328	19.4	0.0152	0.0203	0.000189	0.000871	0.000587	0.447	0.00000331	0.00153	0.000828	0.00196	0.000199
2092 Jun	0.00292	0.0379	0.0000169	8.94	16.1	0.108	0.0033	19.1	0.0153	0.0204	0.000191	0.000878	0.000591	0.451	0.00000331	0.00154	0.000835	0.00196	0.000201
2092 Jul	0.00292	0.0379	0.000017	8.96	16.1	0.108	0.00331	19.1	0.0153	0.0204	0.000191	0.00088	0.000593	0.452	0.00000332	0.00155	0.000837	0.00196	0.000201
2092 Aug	0.00293	0.038	0.000017	8.98	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000882	0.000594	0.453	0.00000332	0.00155	0.000839	0.00197	0.000202
2092 Sep	0.00293	0.038	0.000017	8.98	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000882	0.000594	0.453	0.00000332	0.00155	0.000839	0.00197	0.000202
2092 Oct	0.00293	0.038	0.000017	8.99	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000883	0.000594	0.453	0.00000333	0.00155	0.000839	0.00197	0.000202
2092 Nov	0.00293	0.038	0.000017	8.99	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000883	0.000595	0.453	0.00000333	0.00155	0.00084	0.00197	0.000202
2092 Dec	0.00293	0.038	0.000017	8.99	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000883	0.000595	0.453	0.00000333	0.00155	0.00084	0.00197	0.000202
2093 Jan	0.00293	0.038	0.000017	8.99	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000883	0.000595	0.453	0.00000333	0.00155	0.00084	0.00197	0.000202
2093 Feb	0.00293	0.038	0.000017	8.99	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000883	0.000595	0.453	0.00000333	0.00155	0.00084	0.00197	0.000202
2093 Mar	0.00293	0.038	0.000017	8.99	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000883	0.000595	0.453	0.00000333	0.00155	0.00084	0.00197	0.000202
2093 Apr	0.00293	0.038	0.000017	9	16.2	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000884	0.000595	0.454	0.00000333	0.00155	0.00084	0.00197	0.000202
2093 May	0.00294	0.0381	0.000017	9	16.2	0.109	0.00333	19.1	0.0154	0.0205	0.000192	0.000884	0.000595	0.454	0.00000333	0.00155	0.000841	0.00197	0.000202
2093 Jun	0.00295	0.0382	0.0000171	9.04	16.2	0.11	0.00334	19	0.0155	0.0206	0.000193	0.000889	0.000598	0.456	0.00000333	0.00156	0.000845	0.00198	0.000203
2093 Jul	0.00295	0.0383	0.0000172	9.06	16.3	0.11	0.00335	19	0.0155	0.0206	0.000194	0.000891	0.000599	0.457	0.00000334	0.00156	0.000847	0.00198	0.000204
2093 Aug	0.00296	0.0384	0.0000172	9.08	16.3	0.11	0.00336	19	0.0156	0.0207	0.000194	0.000892	0.0006	0.458	0.00000334	0.00157	0.000849	0.00198	0.000204
2093 Sep	0.00296	0.0384	0.0000172	9.08	16.3	0.11	0.00336	19	0.0156	0.0207	0.000194	0.000892	0.0006	0.458	0.00000334	0.00157	0.000849	0.00198	0.000204
2093 Oct	0.00296	0.0384	0.0000172	9.09	16.3	0.11	0.00336	19	0.0156	0.0207	0.000194	0.000893	0.000601	0.459	0.00000334	0.00157	0.000849	0.00198	0.000204
2093 Nov	0.00296	0.0384	0.0000172	9.1	16.4	0.11	0.00337	18.9	0.0156	0.0207	0.000194	0.000894	0.000602	0.459	0.00000334	0.00157	0.00085	0.00198	0.000205
2093 Dec	0.00296	0.0384	0.0000172	9.1	16.4	0.11	0.00337	18.9	0.0156	0.0207	0.000194	0.000894	0.000602	0.459	0.00000334	0.00157	0.00085	0.00198	0.000205
2094 Jan	0.00296	0.0384	0.0000172	9.1	16.4	0.11	0.00337	18.9	0.0156	0.0207	0.000194	0.000894	0.000602	0.459	0.00000334	0.00157	0.00085	0.00198	0.000205
2094 Feb	0.00296	0.0384	0.0000172	9.1	16.4	0.11	0.00337	18.9	0.0156	0.0207	0.000194	0.000894	0.000602	0.459	0.00000334	0.00157	0.00085	0.00198	0.000205
2094 Mar	0.00296	0.0384	0.0000172	9.1	16.4	0.11	0.00337	19	0.0156	0.0207	0.000194	0.000894	0.000602	0.459	0.00000334	0.00157	0.00085	0.00198	0.000205
2094 Apr	0.00296	0.0384	0.0000172	9.1	16.4	0.11	0.00337	19	0.0156	0.0207	0.000194	0.000895	0.000602	0.459	0.00000334	0.00157	0.000851	0.00198	0.000205
2094 May	0.00297	0.0385	0.0000173	9.12	16.4	0.111	0.00337	18.9	0.0156	0.0207	0.000195	0.000896	0.000603	0.46	0.00000335	0.00157	0.000852	0.00199	0.000205
2094 Jun	0.00298	0.0386	0.0000173	9.15	16.5	0.111	0.00339	18.9	0.0157	0.0208	0.000196	0.0009	0.000606	0.462	0.00000335	0.00158	0.000856	0.00199	0.000206
2094 Jul	0.00299	0.0387	0.0000174	9.18	16.5	0.111	0.0034	18.9	0.0157	0.0209	0.000197	0.000903	0.000607	0.463	0.00000336	0.00159	0.000858	0.002	0.000207
2094 Aug	0.00299	0.0388	0.0000174	9.21	16.6	0.112	0.00341	19	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.000861	0.002	0.000207

Appendix D.3-2: TIRI

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2094 Sep	0.00299	0.0388	0.0000174	9.21	16.6	0.112	0.00341	19	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.000861	0.002	0.000207
2094 Oct	0.00299	0.0388	0.0000174	9.2	16.5	0.112	0.0034	18.9	0.0158	0.0209	0.000197	0.000904	0.000608	0.464	0.00000337	0.00159	0.00086	0.002	0.000207
2094 Nov	0.00299	0.0388	0.0000174	9.2	16.5	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.464	0.00000337	0.00159	0.00086	0.002	0.000207
2094 Dec	0.00299	0.0388	0.0000174	9.2	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.000861	0.002	0.000207
2095 Jan	0.00299	0.0388	0.0000174	9.2	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.000861	0.002	0.000207
2095 Feb	0.00299	0.0388	0.0000174	9.2	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.000861	0.002	0.000207
2095 Mar	0.00299	0.0388	0.0000174	9.21	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.000861	0.002	0.000207
2095 Apr	0.00299	0.0388	0.0000174	9.21	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.000861	0.002	0.000207
2095 May	0.003	0.0389	0.0000175	9.22	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000906	0.00061	0.465	0.00000337	0.00159	0.000862	0.002	0.000207
2095 Jun	0.003	0.039	0.0000175	9.25	16.6	0.112	0.00342	18.9	0.0159	0.021	0.000198	0.000909	0.000612	0.467	0.00000337	0.0016	0.000865	0.00201	0.000208
2095 Jul	0.00301	0.0391	0.0000176	9.27	16.7	0.113	0.00343	18.9	0.0159	0.021	0.000199	0.000912	0.000613	0.468	0.00000338	0.0016	0.000867	0.00201	0.000209
2095 Aug	0.00301	0.0391	0.0000176	9.27	16.7	0.113	0.00343	18.9	0.0159	0.021	0.000199	0.000912	0.000613	0.468	0.00000338	0.0016	0.000867	0.00201	0.000209
2095 Sep	0.00301	0.0391	0.0000176	9.27	16.7	0.113	0.00343	18.9	0.0159	0.0211	0.000199	0.000912	0.000614	0.468	0.00000338	0.0016	0.000867	0.00201	0.000209
2095 Oct	0.00301	0.0391	0.0000176	9.27	16.7	0.113	0.00343	18.9	0.0159	0.0211	0.000199	0.000912	0.000614	0.468	0.00000338	0.0016	0.000867	0.00201	0.000209
2095 Nov	0.00302	0.0391	0.0000176	9.28	16.7	0.113	0.00344	18.9	0.0159	0.0211	0.000199	0.000913	0.000614	0.469	0.00000339	0.0016	0.000868	0.00201	0.000209
2095 Dec	0.00302	0.0391	0.0000176	9.28	16.7	0.113	0.00344	18.9	0.0159	0.0211	0.000199	0.000913	0.000614	0.469	0.00000339	0.0016	0.000868	0.00201	0.000209
2096 Jan	0.00302	0.0391	0.0000176	9.28	16.7	0.113	0.00344	18.9	0.0159	0.0211	0.000199	0.000913	0.000614	0.469	0.00000339	0.0016	0.000868	0.00201	0.000209
2096 Feb	0.00302	0.0391	0.0000176	9.28	16.7	0.113	0.00344	18.9	0.0159	0.0211	0.000199	0.000913	0.000614	0.469	0.00000339	0.0016	0.000868	0.00201	0.000209
2096 Mar	0.00302	0.0391	0.0000176	9.28	16.7	0.113	0.00344	18.9	0.0159	0.0211	0.000199	0.000913	0.000614	0.469	0.00000339	0.0016	0.000868	0.00201	0.000209
2096 Apr	0.00302	0.0391	0.0000176	9.29	16.7	0.113	0.00344	18.9	0.0159	0.0211	0.000199	0.000913	0.000615	0.469	0.00000339	0.0016	0.000868	0.00201	0.000209
2096 May	0.00302	0.0392	0.0000176	9.3	16.7	0.113	0.00344	18.9	0.0159	0.0211	0.000199	0.000914	0.000615	0.469	0.00000339	0.00161	0.000869	0.00201	0.000209
2096 Jun	0.00304	0.0393	0.0000178	9.38	16.9	0.114	0.00348	18.7	0.0161	0.0212	0.000201	0.000923	0.000621	0.474	0.0000034	0.00162	0.000877	0.00202	0.000212
2096 Jul	0.00305	0.0395	0.0000178	9.41	16.9	0.114	0.00349	18.7	0.0161	0.0212	0.000201	0.000926	0.000623	0.475	0.00000341	0.00163	0.00088	0.00203	0.000213
2096 Aug	0.00306	0.0395	0.0000179	9.44	17	0.115	0.0035	18.7	0.0162	0.0213	0.000202	0.000928	0.000625	0.476	0.00000342	0.00163	0.000882	0.00203	0.000213
2096 Sep	0.00306	0.0395	0.0000179	9.43	17	0.115	0.0035	18.7	0.0162	0.0213	0.000202	0.000928	0.000625	0.476	0.00000341	0.00163	0.000881	0.00203	0.000213
2096 Oct	0.00306	0.0395	0.0000179	9.44	17	0.115	0.0035	18.7	0.0162	0.0213	0.000202	0.000928	0.000625	0.477	0.00000341	0.00163	0.000882	0.00203	0.000213
2096 Nov	0.00306	0.0395	0.0000179	9.44	17	0.115	0.0035	18.7	0.0162	0.0213	0.000202	0.000929	0.000625	0.477	0.00000341	0.00163	0.000882	0.00203	0.000213
2096 Dec	0.00306	0.0395	0.0000179	9.44	17	0.115	0.0035	18.7	0.0162	0.0213	0.000202	0.000929	0.000625	0.477	0.00000341	0.00163	0.000882	0.00203	0.000213
2097 Jan	0.00306	0.0395	0.0000179	9.44	17	0.115	0.0035	18.7	0.0162	0.0213	0.000202	0.000929	0.000625	0.477	0.00000341	0.00163	0.000882	0.00203	0.000213
2097 Feb	0.00306	0.0395	0.0000179	9.44	17	0.115	0.0035	18.7	0.0162	0.0213	0.000202	0.000929	0.000625	0.477	0.00000341	0.00163	0.000882	0.00203	0.000213
2097 Mar	0.00306	0.0395	0.0000179	9.44	17	0.115	0.0035	18.7	0.0162	0.0213	0.000202	0.000929	0.000625	0.477	0.00000341	0.00163	0.000882	0.00203	0.000214
2097 Apr	0.00306	0.0395	0.0000179	9.45	17	0.115	0.0035	18.7	0.0162	0.0213	0.000202	0.000929	0.000626	0.477	0.00000341	0.00163	0.000882	0.00203	0.000214
2097 May	0.00306	0.0396	0.0000179	9.45	17	0.115	0.0035	18.7	0.0162	0.0213	0.000202	0.00093	0.000626	0.477	0.00000342	0.00163	0.000883	0.00203	0.000214
2097 Jun	0.00307	0.0397	0.000018	9.49	17.1	0.115	0.00352	18.6	0.0163	0.0214	0.000203	0.000933	0.000628	0.479	0.00000342	0.00164	0.000886	0.00204	0.000215
2097 Jul	0.00308	0.0398	0.000018	9.51	17.1	0.116	0.00353	18.7	0.0163	0.0214	0.000203	0.000936	0.00063	0.48	0.00000343	0.00164	0.000888	0.00204	0.000215
2097 Aug	0.00308	0.0399	0.000018	9.53	17.1	0.116	0.00353	18.7	0.0163	0.0215	0.000204	0.000937	0.000631	0.481	0.00000344	0.00165	0.00089	0.00205	0.000216
2097 Sep	0.00308	0.0399	0.000018	9.53	17.2	0.116	0.00354	18.7	0.0163	0.0215	0.000204	0.000938	0.000631	0.481	0.00000344	0.00165	0.00089	0.00205	0.000216
2097 Oct	0.00308	0.0399	0.000018	9.53	17.2	0.116	0.00353	18.7	0.0163	0.0215	0.000204	0.000937	0.000631	0.481	0.00000344	0.00165	0.00089	0.00205	0.000216
2097 Nov	0.00308	0.0399	0.000018	9.53	17.1	0.116	0.00353	18.7	0.0163	0.0215	0.000204	0.000937	0.000631	0.481	0.00000344	0.00165	0.00089	0.00205	0.000216
2097 Dec	0.00308	0.0399	0.000018	9.52	17.1	0.116	0.00353	18.7	0.0163	0.0215	0.000204	0.000937	0.000631	0.481	0.00000344	0.00165	0.00089	0.00205	0.000216
2098 Jan	0.00308	0.0399	0.000018	9.52	17.1	0.116	0.00353	18.7	0.0163	0.0215	0.000204	0.000937	0.000631	0.481	0.00000344	0.00165	0.00089	0.00205	0.000216
2098 Feb	0.00308	0.0399	0.000018	9.52	17.1	0.116	0.00353	18.7	0.0163	0.0215	0.000204	0.000937	0.000631	0.481	0.00000344	0.00165	0.00089	0.00205	0.000216
2098 Mar	0.00308	0.0399	0.000018	9.52	17.1	0.116	0.00353	18.7	0.0163	0.0215	0.000204	0.000937	0.000631	0.481	0.00000344	0.00165	0.00089	0.00205	0.000216
2098 Apr	0.00308	0.0399	0.000018	9.53	17.1	0.116	0.00353	18.7	0.0163	0.0215	0.000204	0.000937	0.000631	0.481	0.00000344	0.00165	0.00089	0.00205	0.000216
2098 May	0.00309	0.0399	0.0000181	9.54	17.2	0.116	0.00354	18.7	0.0164	0.0215	0.000204	0.000939	0.000632	0.482	0.00000344	0.00165	0.000892	0.00205	0.000216
2098 Jun	0.0031	0.0401	0.0000182	9.6	17.3	0.117	0.00356	18.5	0.0165	0.0216	0.000206	0.000944	0.000636	0.485	0.00000345	0.00166	0.000897	0.00205	0.000218
2098 Jul	0.00311	0.0402	0.0000182	9.63	17.3	0.117	0.00357	18.5	0.0165	0.0217	0.000206	0.000947	0.000638	0.486	0.00000346	0.00166	0.0009	0.00206	0.000219
2098 Aug	0.00311	0.0403	0.0000182	9.64	17.3	0.117	0.00358	18.6	0.0165	0.0217	0.000207	0.000948	0.000639	0.486	0.00000346	0.00166	0.0009	0.00206	0.000219
2098 Sep	0.00311	0.0403	0.0000182	9.64	17.4	0.117	0.00358	18.5	0.0165	0.0217	0.000207	0.000948	0.000639	0.487	0.00000346	0.00167	0.000901	0.00206	0.000219
2098 Oct	0.00312	0.0403	0.0000183	9.67	17.4	0.118	0.00359	18.4	0.0166	0.0217	0.000207	0.000951	0.000641	0.488	0.00000346	0.00167	0.000903	0.00206	0.00022
2098 Nov	0.00312	0.0403	0.0000183	9.68	17.4	0.118	0.00359	18.4	0.0166	0.0217	0.000207	0.000952	0.000642	0.489	0.00000346	0.00167	0.000904	0.00206	0.000221
2098 Dec	0.00312	0.0403	0.0000183	9.68	17.4	0.118	0.00359	18.4	0.0166	0.0217	0.000207	0.000952	0.000642	0.489	0.00000346	0.00167	0.000904	0.00206	0.000221
2099 Jan	0.00312	0.0403	0.0000183	9.68	17.4	0.118	0.00359	18.4	0.0166	0.0217	0.000207	0.000952	0.000642	0.489	0.00000346	0.00167	0.000904	0.00206	0.000221
2099 Feb	0.00312	0.0403	0.0000183	9.68	17.4	0.118	0.00359	18.4	0.0166	0.0217	0.000207	0.000952	0.000642	0.489	0.00000346	0.00167	0.000904	0.00206	0.000221
2099 Mar	0.00312	0.0403	0.0000183	9.68	17.4	0.118	0.0036	18.4	0.0166	0.0217	0.000207	0.000952	0.000642	0.489	0.00000346	0.00167	0.000904	0.00206	0.000221
2099 Apr	0.00312	0.0404	0.0000183	9.69	17.4	0.118	0.0036	18.4	0.0166	0.0217	0.000207	0.000952	0.000643	0.489	0.00000346	0.00167	0.000904	0.00206	0.000221
2099 May	0.00313	0.0405	0.0000183	9.71	17.5	0.118	0.00361	18.4	0.0166	0.0218	0.000208	0.000955	0.000644	0.49	0.00000347	0.00168	0.000906	0.00207	0.000222
2099 Jun	0.00313	0.0405	0.0000184	9.73	17.5	0.119	0.00362	18.3	0.0167	0.0218	0.000209	0.000957	0.000646	0.491	0.00000347	0.00168	0.000909	0.00207	0.000223
2099 Jul	0.00314	0.0406	0.0000184	9.76	17.6	0.119	0.00362	18.3	0.0167	0.0218	0.000209	0.000959	0.000648	0.492	0.00000348	0.00168	0.000911	0.00207	0.000223
2099 Aug	0.00315	0.0407	0.0000185	9.78	17.6	0.119	0.00363	18.4	0.0167	0.0219	0.00021	0.000961	0.000649	0.493	0.00000348	0.00169	0.000913	0.00208	0.000224
2099 Sep	0.00314	0.0407	0.0000185	9.77	17.6	0.119	0.00363	18.4	0.0167	0.0219	0.00021	0.000961	0.000649	0.493	0.00000348	0.00169	0.000912	0.00208	0.000223
2099 Oct	0.00315	0.0407	0.0000185	9.78	17.6	0.119	0.00363	18.3	0.0167	0.0219	0.00021	0.000962	0.000649	0.494	0.00000348	0.00169	0.000913	0.00208	0.000224
2099 Nov	0.00315	0.0407	0.0000185	9.8	17.6	0.119	0.00364	18.3	0.0168	0.0219	0.00021	0.000963	0.00065	0.494	0.00000348	0.00169	0.000914	0.00208	0.000224
2099 Dec	0.00315	0.0407	0.0000185	9.8	17.6	0.119	0.00364	18.3	0.0168	0.0219	0.00021	0.000963	0.00065	0.494	0.00000348	0.00169	0.000914	0.00208	0.000224
2100 Jan	0.00315	0.0407	0.0000185	9.8	17.6	0.119	0.00364	18.3	0.0168	0.0219	0.00021	0.000963	0.000651	0.494	0.00000348	0.00169	0.000914	0.00208	0.000224
2100 Feb	0.00315	0.0407	0.0000185	9.8	17.6	0.119	0.00364	18.3	0.0168	0.0219	0.00021	0.000963	0.000651	0.494	0.00000348	0.00169	0.000914	0.00208	0.000224
2100 Mar	0.00315	0.0407	0.0000185	9.8	17.6	0.119	0.00364	18.3	0.0168	0.0219	0.00021	0.000963	0.000651	0.494	0.00000348	0.00169	0.000914	0.00208	0.000224
2100 Apr	0.00315	0.0408	0.0000185	9.8	17.6	0.12	0.00364	18.3	0.0168	0.0219	0.00021	0.000963	0.000651	0.494	0.00000349	0.00169	0.000914	0.00208	0.000224
2100 May	0.00315	0.0408	0.0000185	9.81	17.7	0.12	0.00365	18.3	0.0168	0.0219	0.00021	0.000964	0.000652	0.495	0.00000349	0.00169	0.000915	0.00208	0.000225
2100 Jun	0.00316	0.0409	0.0000186	9.86	17.7	0.12	0.00366	18.1	0.0169	0.022	0.000212	0.000968	0.000655	0.497	0.00000349	0.0017	0.000919	0.00208	0.000226
2100 Jul	0.00317	0.041	0.0000186	9.87	17.8	0.121	0.00367	18.1	0.0169	0.022	0.000212	0.00097	0.000656	0.498	0.00000349	0.0017	0.000921	0.00209	0.000227
2100 Aug	0.00317	0.041	0.0000186	9.88	17.8	0.121	0.00367	18.1	0.0169	0.022	0.000212	0.000971	0.000657	0.499	0.0000035	0.00171	0.000922	0.00209	0.000227
2100 Sep	0.00317	0.0411	0.0000187	9.9	17.8	0.121	0.00368	18.1	0.0169	0.022	0.000212	0.000972	0.000658	0.499	0.0000035	0.00171	0.000923	0.00209	0.000228
2100 Oct	0.00317	0.0411	0.0000187	9.9	17.8	0.121	0.00368	18.1	0.0169	0.0221	0.000212	0.000973	0.000658	0.499	0.0000035	0.00171	0.000923	0.00209	0.000228
2100 Nov	0.00318	0.0411	0.0000187	9.91	17.8	0.121	0.00368	18.1	0.0169	0.0221	0.000212	0.000973	0.000658	0.5	0.0000035	0.00171	0.000924	0.00209	0.000228
2100 Dec	0.00318	0.0411	0.0000187	9.91	17.8	0.121	0.00368	18.1	0.0169	0.0221	0.000212	0.000973	0.000658	0.5	0.0000035	0.00171	0.000924	0.00209	0.000228
2101 Jan	0.00318	0.0411	0.0000187	9.91	17.8	0.121	0.00368	18.1	0.0169	0.0221	0.000212	0.000973	0.000658	0.5	0.0000035	0.00171	0.000924	0.00209	0.000228

Appendix D.3-2: TIRI

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Feb	0.00318	0.0411	0.0000187	9.91	17.8	0.121	0.00368	18.1	0.0169	0.0221	0.000212	0.000973	0.000658	0.5	0.0000035	0.00171	0.000924	0.00209	0.000228
2101 Mar	0.00318	0.0411	0.0000187	9.91	17.8	0.121	0.00368	18.1	0.0169	0.0221	0.000212	0.000973	0.000658	0.5	0.0000035	0.00171	0.000924	0.00209	0.000228
2101 Apr	0.00318	0.0411	0.0000187	9.91	17.8	0.121	0.00368	18.1	0.0169	0.0221	0.000212	0.000973	0.000659	0.5	0.0000035	0.00171	0.000924	0.00209	0.000228
2101 May	0.00318	0.0412	0.0000187	9.92	17.9	0.121	0.00369	18.1	0.017	0.0221	0.000213	0.000975	0.000659	0.5	0.0000035	0.00171	0.000925	0.00209	0.000228
2101 Jun	0.00319	0.0412	0.0000188	9.95	17.9	0.122	0.0037	18	0.017	0.0221	0.000214	0.000977	0.000662	0.502	0.00000351	0.00172	0.000928	0.00209	0.00023
2101 Jul	0.00319	0.0414	0.0000188	9.98	18	0.122	0.00371	18	0.0171	0.0222	0.000214	0.00098	0.000663	0.503	0.00000352	0.00172	0.00093	0.0021	0.00023
2101 Aug	0.0032	0.0414	0.0000188	10	18	0.122	0.00372	18.1	0.0171	0.0222	0.000215	0.000982	0.000665	0.504	0.00000352	0.00172	0.000932	0.0021	0.000231
2101 Sep	0.0032	0.0414	0.0000188	10	18	0.122	0.00372	18.1	0.0171	0.0222	0.000215	0.000982	0.000665	0.504	0.00000352	0.00172	0.000932	0.0021	0.000231
2101 Oct	0.0032	0.0414	0.0000188	10	18	0.122	0.00372	18.1	0.0171	0.0222	0.000215	0.000982	0.000665	0.504	0.00000352	0.00172	0.000932	0.0021	0.000231
2101 Nov	0.0032	0.0414	0.0000188	9.99	18	0.122	0.00372	18	0.0171	0.0222	0.000215	0.000981	0.000664	0.504	0.00000352	0.00172	0.000931	0.0021	0.000231
2101 Dec	0.0032	0.0414	0.0000188	9.99	18	0.122	0.00372	18	0.0171	0.0222	0.000215	0.000981	0.000664	0.504	0.00000352	0.00172	0.000931	0.0021	0.00023
2102 Jan	0.0032	0.0414	0.0000188	9.99	18	0.122	0.00372	18	0.0171	0.0222	0.000215	0.000981	0.000664	0.504	0.00000352	0.00172	0.000931	0.0021	0.00023
2102 Feb	0.0032	0.0414	0.0000188	9.99	18	0.122	0.00372	18	0.0171	0.0222	0.000215	0.000981	0.000664	0.504	0.00000352	0.00172	0.000931	0.0021	0.00023
2102 Mar	0.0032	0.0414	0.0000188	9.99	18	0.122	0.00372	18	0.0171	0.0222	0.000215	0.000981	0.000664	0.504	0.00000352	0.00172	0.000931	0.0021	0.000231
2102 Apr	0.0032	0.0414	0.0000188	9.99	18	0.122	0.00372	18	0.0171	0.0222	0.000215	0.000981	0.000664	0.504	0.00000352	0.00172	0.000932	0.0021	0.000231
2102 May	0.0032	0.0414	0.0000188	10	18	0.122	0.00372	18.1	0.0171	0.0222	0.000215	0.000982	0.000665	0.504	0.00000352	0.00172	0.000932	0.0021	0.000231
2102 Jun	0.00321	0.0415	0.0000189	10	18	0.123	0.00373	17.9	0.0171	0.0223	0.000215	0.000985	0.000668	0.506	0.00000353	0.00173	0.000935	0.00211	0.000232
2102 Jul	0.00322	0.0416	0.000019	10.1	18.1	0.123	0.00375	17.9	0.0172	0.0223	0.000216	0.000989	0.00067	0.508	0.00000353	0.00174	0.000938	0.00211	0.000233
2102 Aug	0.00322	0.0417	0.000019	10.1	18.1	0.123	0.00375	17.9	0.0172	0.0224	0.000216	0.00099	0.000671	0.508	0.00000354	0.00174	0.000939	0.00211	0.000234
2102 Sep	0.00322	0.0417	0.000019	10.1	18.1	0.123	0.00375	17.9	0.0172	0.0224	0.000216	0.00099	0.000671	0.508	0.00000354	0.00174	0.00094	0.00211	0.000234
2102 Oct	0.00322	0.0416	0.000019	10.1	18.1	0.123	0.00375	17.9	0.0172	0.0224	0.000216	0.00099	0.000671	0.508	0.00000354	0.00174	0.000939	0.00211	0.000234
2102 Nov	0.00322	0.0417	0.000019	10.1	18.1	0.123	0.00375	17.8	0.0172	0.0224	0.000216	0.00099	0.000671	0.508	0.00000354	0.00174	0.000939	0.00211	0.000234
2102 Dec	0.00322	0.0417	0.000019	10.1	18.1	0.123	0.00375	17.8	0.0172	0.0224	0.000216	0.00099	0.000671	0.508	0.00000354	0.00174	0.000939	0.00211	0.000234
2103 Jan	0.00322	0.0417	0.000019	10.1	18.1	0.123	0.00375	17.8	0.0172	0.0224	0.000216	0.00099	0.000672	0.508	0.00000354	0.00174	0.000939	0.00211	0.000234
2103 Feb	0.00322	0.0417	0.000019	10.1	18.1	0.123	0.00375	17.8	0.0172	0.0224	0.000216	0.00099	0.000672	0.508	0.00000354	0.00174	0.000939	0.00211	0.000234
2103 Mar	0.00322	0.0417	0.000019	10.1	18.1	0.123	0.00375	17.8	0.0172	0.0224	0.000216	0.000991	0.000672	0.508	0.00000354	0.00174	0.000939	0.00211	0.000234
2103 Apr	0.00322	0.0417	0.000019	10.1	18.1	0.123	0.00376	17.9	0.0172	0.0224	0.000216	0.000991	0.000672	0.508	0.00000354	0.00174	0.00094	0.00211	0.000234
2103 May	0.00322	0.0417	0.000019	10.1	18.2	0.124	0.00376	17.8	0.0173	0.0224	0.000216	0.000992	0.000673	0.509	0.00000354	0.00174	0.000941	0.00212	0.000235
2103 Jun	0.00323	0.0418	0.0000191	10.1	18.2	0.124	0.00378	17.7	0.0173	0.0225	0.000217	0.000995	0.000675	0.511	0.00000354	0.00175	0.000944	0.00212	0.000236
2103 Jul	0.00324	0.0419	0.0000191	10.2	18.3	0.124	0.00378	17.7	0.0173	0.0225	0.000218	0.000997	0.000677	0.512	0.00000355	0.00175	0.000946	0.00212	0.000237
2103 Aug	0.00324	0.042	0.0000192	10.2	18.3	0.125	0.00379	17.7	0.0174	0.0225	0.000218	0.000999	0.000679	0.513	0.00000355	0.00175	0.000948	0.00212	0.000237
2103 Sep	0.00324	0.042	0.0000192	10.2	18.3	0.125	0.0038	17.6	0.0174	0.0226	0.000218	0.001	0.000679	0.513	0.00000355	0.00176	0.000948	0.00212	0.000238
2103 Oct	0.00324	0.042	0.0000192	10.2	18.3	0.125	0.0038	17.6	0.0174	0.0226	0.000218	0.001	0.00068	0.514	0.00000355	0.00176	0.000949	0.00212	0.000239
2103 Nov	0.00324	0.042	0.0000192	10.2	18.3	0.125	0.0038	17.5	0.0174	0.0226	0.000218	0.001	0.00068	0.514	0.00000355	0.00176	0.000949	0.00212	0.000239
2103 Dec	0.00324	0.042	0.0000192	10.2	18.3	0.125	0.0038	17.5	0.0174	0.0226	0.000218	0.001	0.00068	0.514	0.00000355	0.00176	0.000949	0.00212	0.000239
2104 Jan	0.00324	0.042	0.0000192	10.2	18.3	0.125	0.0038	17.5	0.0174	0.0226	0.000218	0.001	0.00068	0.514	0.00000355	0.00176	0.000949	0.00212	0.000239
2104 Feb	0.00324	0.042	0.0000192	10.2	18.3	0.125	0.0038	17.5	0.0174	0.0226	0.000218	0.001	0.000681	0.514	0.00000355	0.00176	0.000949	0.00212	0.000239
2104 Mar	0.00324	0.042	0.0000192	10.2	18.3	0.125	0.0038	17.5	0.0174	0.0226	0.000218	0.001	0.000681	0.514	0.00000355	0.00176	0.000949	0.00212	0.000239
2104 Apr	0.00325	0.042	0.0000192	10.2	18.4	0.125	0.0038	17.5	0.0174	0.0226	0.000218	0.001	0.000681	0.514	0.00000355	0.00176	0.000949	0.00212	0.000239
2104 May	0.00325	0.042	0.0000192	10.2	18.4	0.125	0.00381	17.5	0.0174	0.0226	0.000219	0.001	0.000682	0.515	0.00000356	0.00176	0.000951	0.00213	0.000239
2104 Jun	0.00325	0.0421	0.0000192	10.2	18.4	0.125	0.00381	17.4	0.0174	0.0226	0.000219	0.001	0.000683	0.515	0.00000355	0.00176	0.000952	0.00213	0.00024
2104 Jul	0.00325	0.0422	0.0000193	10.3	18.4	0.126	0.00382	17.4	0.0175	0.0227	0.00022	0.00101	0.000684	0.516	0.00000356	0.00176	0.000953	0.00213	0.00024
2104 Aug	0.00326	0.0422	0.0000193	10.3	18.4	0.126	0.00383	17.4	0.0175	0.0227	0.00022	0.00101	0.000685	0.517	0.00000356	0.00177	0.000955	0.00213	0.000241
2104 Sep	0.00326	0.0422	0.0000193	10.3	18.5	0.126	0.00383	17.4	0.0175	0.0227	0.00022	0.00101	0.000685	0.517	0.00000356	0.00177	0.000955	0.00213	0.000241
2104 Oct	0.00326	0.0422	0.0000193	10.3	18.5	0.126	0.00383	17.4	0.0175	0.0227	0.00022	0.00101	0.000686	0.517	0.00000356	0.00177	0.000955	0.00213	0.000241
2104 Nov	0.00326	0.0422	0.0000193	10.3	18.5	0.126	0.00383	17.4	0.0175	0.0227	0.00022	0.00101	0.000686	0.517	0.00000356	0.00177	0.000955	0.00213	0.000241
2104 Dec	0.00326	0.0422	0.0000193	10.3	18.5	0.126	0.00383	17.4	0.0175	0.0227	0.00022	0.00101	0.000686	0.517	0.00000356	0.00177	0.000955	0.00213	0.000241
2105 Jan	0.00326	0.0422	0.0000193	10.3	18.5	0.126	0.00383	17.4	0.0175	0.0227	0.00022	0.00101	0.000686	0.517	0.00000356	0.00177	0.000955	0.00213	0.000241
2105 Feb	0.00326	0.0422	0.0000193	10.3	18.5	0.126	0.00383	17.4	0.0175	0.0227	0.00022	0.00101	0.000686	0.517	0.00000356	0.00177	0.000955	0.00213	0.000242
2105 Mar	0.00326	0.0422	0.0000193	10.3	18.5	0.126	0.00383	17.4	0.0175	0.0227	0.00022	0.00101	0.000686	0.517	0.00000356	0.00177	0.000955	0.00213	0.000242
2105 Apr	0.00326	0.0422	0.0000193	10.3	18.5	0.126	0.00383	17.4	0.0175	0.0227	0.00022	0.00101	0.000686	0.517	0.00000356	0.00177	0.000955	0.00213	0.000242
2105 May	0.00326	0.0423	0.0000193	10.3	18.5	0.126	0.00384	17.3	0.0175	0.0227	0.00022	0.00101	0.000687	0.518	0.00000357	0.00177	0.000956	0.00213	0.000242
2105 Jun	0.00327	0.0423	0.0000194	10.3	18.5	0.126	0.00384	17.3	0.0175	0.0227	0.000221	0.00101	0.000688	0.519	0.00000357	0.00177	0.000958	0.00213	0.000242
2105 Jul	0.00327	0.0424	0.0000194	10.3	18.5	0.127	0.00385	17.3	0.0176	0.0228	0.000221	0.00101	0.000689	0.519	0.00000357	0.00178	0.000959	0.00214	0.000243
2105 Aug	0.00327	0.0424	0.0000194	10.3	18.6	0.127	0.00385	17.3	0.0176	0.0228	0.000221	0.00101	0.00069	0.52	0.00000358	0.00178	0.00096	0.00214	0.000243
2105 Sep	0.00328	0.0424	0.0000194	10.4	18.6	0.127	0.00386	17.2	0.0176	0.0228	0.000221	0.00101	0.000691	0.521	0.00000358	0.00178	0.000961	0.00214	0.000244
2105 Oct	0.00328	0.0424	0.0000194	10.4	18.6	0.127	0.00387	17.2	0.0176	0.0228	0.000221	0.00102	0.000692	0.521	0.00000358	0.00178	0.000962	0.00214	0.000245
2105 Nov	0.00328	0.0424	0.0000195	10.4	18.6	0.127	0.00387	17.1	0.0176	0.0228	0.000221	0.00102	0.000692	0.521	0.00000358	0.00178	0.000962	0.00214	0.000245
2105 Dec	0.00328	0.0424	0.0000195	10.4	18.6	0.127	0.00387	17.1	0.0176	0.0228	0.000221	0.00102	0.000692	0.521	0.00000358	0.00178	0.000962	0.00214	0.000245
2106 Jan	0.00328	0.0424	0.0000195	10.4	18.6	0.127	0.00387	17.1	0.0176	0.0228	0.000221	0.00102	0.000692	0.521	0.00000358	0.00178	0.000962	0.00214	0.000245
2106 Feb	0.00328	0.0424	0.0000195	10.4	18.6	0.127	0.00387	17.1	0.0176	0.0228	0.000221	0.00102	0.000692	0.521	0.00000358	0.00178	0.000962	0.00214	0.000245
2106 Mar	0.00328	0.0424	0.0000195	10.4	18.6	0.127	0.00387	17.1	0.0176	0.0228	0.000221	0.00102	0.000692	0.521	0.00000358	0.00178	0.000962	0.00214	0.000245
2106 Apr	0.00328	0.0424	0.0000195	10.4	18.6	0.127	0.00387	17.1	0.0176	0.0228	0.000221	0.00102	0.000693	0.521	0.00000358	0.00178	0.000962	0.00214	0.000245
2106 May	0.00328	0.0424	0.0000195	10.4	18.6	0.127	0.00387	17.2	0.0177	0.0228	0.000221	0.00102	0.000693	0.522	0.00000358	0.00178	0.000963	0.00214	0.000245
2106 Jun	0.00328	0.0425	0.0000195	10.4	18.7	0.127	0.00388	17	0.0177	0.0228	0.000222	0.00102	0.000694	0.523	0.00000358	0.00179	0.000964	0.00214	0.000246
2106 Jul	0.00329	0.0426	0.0000195	10.4	18.7	0.128	0.00389	17	0.0177	0.0229	0.000222	0.00102	0.000696	0.524	0.00000358	0.00179	0.000966	0.00214	0.000247
2106 Aug	0.00329	0.0426	0.0000196	10.4	18.7	0.128	0.00389	17	0.0177	0.0229	0.000222	0.00102	0.000697	0.524	0.00000359	0.00179	0.000967	0.00214	0.000247
2106 Sep	0.00329	0.0426	0.0000196	10.4	18.8	0.128	0.0039	16.9	0.0178	0.0229	0.000222	0.00102	0.000698	0.525	0.00000359	0.00179	0.000967	0.00214	0.000248
2106 Oct	0.00329	0.0426	0.0000196	10.4	18.8	0.128	0.0039	16.9	0.0178	0.0229	0.000222	0.00102	0.000698	0.525	0.00000359	0.00179	0.000968	0.00214	0.000248
2106 Nov	0.00329	0.0426	0.0000196	10.4	18.8	0.128	0.0039	16.9	0.0178	0.0229	0.000222	0.00102	0.000698	0.525	0.00000359	0.0018	0.000968	0.00214	0.000248
2106 Dec	0.0033	0.0426	0.0000196	10.4	18.8	0.128	0.0039	16.9	0.0178	0.0229	0.000222	0.00102	0.000698	0.525	0.00000359	0.0018	0.000968	0.00214	0.000248
2107 Jan	0.0033	0.0426	0.0000196	10.4	18.8	0.128	0.0039	16.9	0.0178	0.0229	0.000222	0.00102	0.000698	0.525	0.00000359	0.0018	0.000968	0.00214	0.000248
2107 Feb	0.0033	0.0426	0.0000196	10.4	18.8	0.128	0.0039	16.9	0.0178	0.0229	0.000222	0.00102	0.000698	0.525	0.00000359	0.0018	0.000968	0.00214	0.000248
2107 Mar	0.0033	0.0426	0.0000196	10.4	18.8	0.128	0.0039	16.9	0.0178	0.0229	0.000222	0.00102	0.000699	0.525	0.00000359	0.0018	0.000968	0.00214	0.000248
2107 Apr	0.0033	0.0426	0.0000196	10.4	18.8	0.128	0.0039	16.9	0.0178	0.0229	0.000222	0.00102	0.000699	0.525	0.00000359	0.0018	0.000968	0.00214	0.000248
2107 May	0.0033	0.0426	0.0000196	10.5	18.8	0.128	0.0039	16.9	0.0178	0.0229	0.000223	0.00102	0.000699	0.526	0.00000359	0.0018	0.000969	0.00215	0.000248
2107 Jun	0.0033	0.0427	0.0000196	10.5	18.8	0.128	0.00391	16.8	0.0178	0.0229	0.000223	0.00103	0.0007	0.526	0.00000359	0.0018	0.00097	0.00215	0.000249

Appendix D.3-2: TIRI

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2107 Jul	0.0033	0.0427	0.0000196	10.5	18.8	0.129	0.00391	16.8	0.0178	0.023	0.000223	0.00103	0.000701	0.527	0.00000359	0.0018	0.000971	0.00215	0.000249
2107 Aug	0.00331	0.0428	0.0000197	10.5	18.9	0.129	0.00392	16.9	0.0178	0.023	0.000224	0.00103	0.000702	0.528	0.0000036	0.0018	0.000973	0.00215	0.000249
2107 Sep	0.00331	0.0428	0.0000197	10.5	18.9	0.129	0.00392	16.9	0.0178	0.023	0.000224	0.00103	0.000702	0.528	0.0000036	0.0018	0.000973	0.00215	0.00025
2107 Oct	0.00331	0.0428	0.0000197	10.5	18.9	0.129	0.00392	16.9	0.0179	0.023	0.000224	0.00103	0.000703	0.528	0.0000036	0.0018	0.000973	0.00215	0.00025
2107 Nov	0.00331	0.0428	0.0000197	10.5	18.9	0.129	0.00392	16.8	0.0179	0.023	0.000224	0.00103	0.000703	0.528	0.0000036	0.0018	0.000973	0.00215	0.00025
2107 Dec	0.00331	0.0428	0.0000197	10.5	18.9	0.129	0.00392	16.8	0.0179	0.023	0.000224	0.00103	0.000703	0.528	0.0000036	0.0018	0.000973	0.00215	0.00025
2108 Jan	0.00331	0.0428	0.0000197	10.5	18.9	0.129	0.00392	16.8	0.0179	0.023	0.000224	0.00103	0.000703	0.528	0.0000036	0.0018	0.000973	0.00215	0.00025
2108 Feb	0.00331	0.0428	0.0000197	10.5	18.9	0.129	0.00392	16.8	0.0179	0.023	0.000224	0.00103	0.000703	0.528	0.0000036	0.0018	0.000973	0.00215	0.00025
2108 Mar	0.00331	0.0428	0.0000197	10.5	18.9	0.129	0.00392	16.8	0.0179	0.023	0.000224	0.00103	0.000703	0.528	0.0000036	0.00181	0.000973	0.00215	0.00025
2108 Apr	0.00331	0.0428	0.0000197	10.5	18.9	0.129	0.00393	16.9	0.0179	0.023	0.000224	0.00103	0.000703	0.528	0.0000036	0.00181	0.000974	0.00215	0.00025
2108 May	0.00331	0.0429	0.0000197	10.5	18.9	0.129	0.00393	16.9	0.0179	0.023	0.000224	0.00103	0.000704	0.529	0.0000036	0.00181	0.000975	0.00216	0.00025
2108 Jun	0.00332	0.0429	0.0000197	10.5	18.9	0.129	0.00393	16.8	0.0179	0.0231	0.000224	0.00103	0.000704	0.529	0.0000036	0.00181	0.000975	0.00216	0.00025
2108 Jul	0.00332	0.043	0.0000198	10.6	19	0.13	0.00394	16.8	0.0179	0.0231	0.000225	0.00103	0.000706	0.531	0.00000361	0.00181	0.000978	0.00216	0.000251
2108 Aug	0.00333	0.0431	0.0000198	10.6	19	0.13	0.00395	16.9	0.018	0.0232	0.000225	0.00104	0.000708	0.532	0.00000362	0.00182	0.00098	0.00217	0.000252
2108 Sep	0.00333	0.0431	0.0000198	10.6	19	0.13	0.00395	16.9	0.018	0.0232	0.000225	0.00104	0.000708	0.532	0.00000362	0.00182	0.00098	0.00217	0.000252
2108 Oct	0.00333	0.043	0.0000198	10.6	19	0.13	0.00395	16.8	0.018	0.0232	0.000225	0.00104	0.000707	0.531	0.00000362	0.00182	0.000979	0.00216	0.000252
2108 Nov	0.00333	0.043	0.0000198	10.6	19	0.13	0.00395	16.8	0.018	0.0232	0.000225	0.00104	0.000707	0.531	0.00000362	0.00182	0.000979	0.00216	0.000252
2108 Dec	0.00333	0.043	0.0000198	10.6	19	0.13	0.00395	16.8	0.018	0.0232	0.000225	0.00104	0.000707	0.531	0.00000362	0.00182	0.000979	0.00216	0.000252
2109 Jan	0.00333	0.043	0.0000198	10.6	19	0.13	0.00395	16.8	0.018	0.0232	0.000225	0.00104	0.000707	0.531	0.00000362	0.00182	0.000979	0.00216	0.000252
2109 Feb	0.00333	0.043	0.0000198	10.6	19	0.13	0.00395	16.8	0.018	0.0232	0.000225	0.00104	0.000707	0.531	0.00000362	0.00182	0.000979	0.00216	0.000252
2109 Mar	0.00333	0.043	0.0000198	10.6	19	0.13	0.00395	16.8	0.018	0.0232	0.000225	0.00104	0.000707	0.531	0.00000362	0.00182	0.000979	0.00216	0.000252
2109 Apr	0.00333	0.043	0.0000198	10.6	19	0.13	0.00395	16.8	0.018	0.0232	0.000225	0.00104	0.000707	0.531	0.00000362	0.00182	0.000979	0.00216	0.000252
2109 May	0.00333	0.0431	0.0000198	10.6	19	0.13	0.00395	16.8	0.018	0.0232	0.000225	0.00104	0.000708	0.532	0.00000362	0.00182	0.00098	0.00217	0.000252
2109 Jun	0.00334	0.0432	0.0000199	10.6	19.1	0.13	0.00396	16.8	0.018	0.0232	0.000226	0.00104	0.00071	0.533	0.00000362	0.00182	0.000983	0.00217	0.000253
2109 Jul	0.00334	0.0433	0.0000199	10.6	19.1	0.131	0.00397	16.8	0.018	0.0233	0.000226	0.00104	0.000711	0.534	0.00000363	0.00183	0.000984	0.00217	0.000253
2109 Aug	0.00335	0.0433	0.00002	10.7	19.1	0.131	0.00398	16.8	0.0181	0.0233	0.000227	0.00104	0.000713	0.535	0.00000364	0.00183	0.000986	0.00218	0.000254
2109 Sep	0.00335	0.0434	0.00002	10.7	19.1	0.131	0.00398	16.8	0.0181	0.0233	0.000227	0.00104	0.000714	0.536	0.00000364	0.00183	0.000987	0.00218	0.000254
2109 Oct	0.00336	0.0433	0.00002	10.7	19.2	0.131	0.00399	16.7	0.0181	0.0233	0.000227	0.00105	0.000715	0.537	0.00000364	0.00183	0.000988	0.00218	0.000255
2109 Nov	0.00336	0.0434	0.00002	10.7	19.2	0.131	0.00399	16.7	0.0181	0.0233	0.000227	0.00105	0.000715	0.537	0.00000364	0.00183	0.000988	0.00218	0.000255
2109 Dec	0.00336	0.0434	0.00002	10.7	19.2	0.131	0.00399	16.7	0.0181	0.0233	0.000227	0.00105	0.000715	0.537	0.00000364	0.00183	0.000988	0.00218	0.000255
2110 Jan	0.00336	0.0434	0.00002	10.7	19.2	0.131	0.00399	16.7	0.0181	0.0233	0.000227	0.00105	0.000715	0.537	0.00000364	0.00183	0.000988	0.00218	0.000255
2110 Feb	0.00336	0.0434	0.00002	10.7	19.2	0.131	0.00399	16.7	0.0181	0.0233	0.000227	0.00105	0.000715	0.537	0.00000364	0.00183	0.000988	0.00218	0.000255
2110 Mar	0.00336	0.0434	0.00002	10.7	19.2	0.131	0.00399	16.7	0.0181	0.0233	0.000227	0.00105	0.000715	0.537	0.00000364	0.00183	0.000988	0.00218	0.000255
2110 Apr	0.00336	0.0434	0.00002	10.7	19.2	0.131	0.00399	16.7	0.0181	0.0234	0.000227	0.00105	0.000716	0.537	0.00000364	0.00183	0.000988	0.00218	0.000255
2110 May	0.00336	0.0434	0.00002	10.7	19.2	0.131	0.004	16.7	0.0182	0.0234	0.000227	0.00105	0.000716	0.537	0.00000364	0.00184	0.000989	0.00218	0.000256
2110 Jun	0.00337	0.0435	0.0000201	10.7	19.3	0.132	0.00401	16.6	0.0182	0.0234	0.000228	0.00105	0.000719	0.539	0.00000365	0.00184	0.000992	0.00218	0.000257
2110 Jul	0.00337	0.0436	0.0000201	10.8	19.3	0.132	0.00402	16.6	0.0182	0.0235	0.000229	0.00105	0.00072	0.54	0.00000365	0.00184	0.000994	0.00219	0.000258
2110 Aug	0.00338	0.0436	0.0000202	10.8	19.4	0.132	0.00403	16.5	0.0183	0.0235	0.000229	0.00105	0.000723	0.541	0.00000365	0.00185	0.000996	0.00219	0.000259
2110 Sep	0.00338	0.0436	0.0000202	10.8	19.4	0.133	0.00404	16.4	0.0183	0.0235	0.000228	0.00106	0.000724	0.542	0.00000365	0.00185	0.000996	0.00218	0.00026
2110 Oct	0.00338	0.0435	0.0000202	10.8	19.4	0.133	0.00404	16.3	0.0183	0.0235	0.000228	0.00106	0.000724	0.542	0.00000365	0.00185	0.000995	0.00218	0.00026
2110 Nov	0.00338	0.0435	0.0000202	10.8	19.4	0.133	0.00404	16.3	0.0183	0.0234	0.000228	0.00106	0.000724	0.542	0.00000365	0.00185	0.000995	0.00218	0.00026
2110 Dec	0.00338	0.0435	0.0000202	10.8	19.4	0.133	0.00404	16.3	0.0183	0.0234	0.000228	0.00106	0.000724	0.542	0.00000365	0.00185	0.000995	0.00218	0.00026
2111 Jan	0.00338	0.0435	0.0000202	10.8	19.4	0.133	0.00404	16.3	0.0183	0.0234	0.000228	0.00106	0.000724	0.542	0.00000365	0.00185	0.000995	0.00218	0.00026
2111 Feb	0.00338	0.0435	0.0000202	10.8	19.4	0.133	0.00404	16.3	0.0183	0.0234	0.000228	0.00106	0.000724	0.542	0.00000365	0.00185	0.000995	0.00218	0.00026
2111 Mar	0.00338	0.0435	0.0000202	10.8	19.4	0.133	0.00404	16.3	0.0183	0.0235	0.000228	0.00106	0.000724	0.542	0.00000365	0.00185	0.000995	0.00218	0.00026
2111 Apr	0.00338	0.0435	0.0000202	10.8	19.4	0.133	0.00404	16.3	0.0183	0.0235	0.000228	0.00106	0.000725	0.542	0.00000365	0.00185	0.000996	0.00218	0.00026
2111 May	0.00338	0.0436	0.0000202	10.8	19.4	0.133	0.00405	16.3	0.0183	0.0235	0.000228	0.00106	0.000725	0.543	0.00000365	0.00185	0.000996	0.00218	0.000261
2111 Jun	0.00338	0.0436	0.0000202	10.8	19.4	0.133	0.00405	16.2	0.0183	0.0235	0.000229	0.00106	0.000726	0.543	0.00000365	0.00185	0.000997	0.00218	0.000261
2111 Jul	0.00339	0.0437	0.0000203	10.8	19.5	0.133	0.00406	16.2	0.0184	0.0236	0.00023	0.00106	0.000728	0.544	0.00000366	0.00186	0.001	0.00219	0.000262
2111 Aug	0.00339	0.0437	0.0000203	10.9	19.5	0.133	0.00406	16.2	0.0184	0.0236	0.00023	0.00106	0.000728	0.545	0.00000366	0.00186	0.001	0.00219	0.000262
2111 Sep	0.00339	0.0438	0.0000203	10.9	19.5	0.134	0.00407	16.2	0.0184	0.0236	0.00023	0.00106	0.000729	0.545	0.00000366	0.00186	0.001	0.00219	0.000262
2111 Oct	0.00339	0.0437	0.0000203	10.9	19.5	0.134	0.00407	16.1	0.0184	0.0236	0.000229	0.00106	0.000729	0.545	0.00000366	0.00186	0.001	0.00219	0.000263
2111 Nov	0.00339	0.0437	0.0000203	10.9	19.5	0.134	0.00407	16.1	0.0184	0.0236	0.000229	0.00106	0.000729	0.545	0.00000365	0.00186	0.001	0.00219	0.000263
2111 Dec	0.00339	0.0437	0.0000203	10.9	19.5	0.134	0.00407	16.1	0.0184	0.0236	0.000229	0.00106	0.000729	0.545	0.00000365	0.00186	0.001	0.00219	0.000263
2112 Jan	0.00339	0.0437	0.0000203	10.9	19.5	0.134	0.00407	16.1	0.0184	0.0236	0.000229	0.00106	0.000729	0.545	0.00000365	0.00186	0.001	0.00219	0.000263
2112 Feb	0.00339	0.0437	0.0000203	10.9	19.5	0.134	0.00407	16.1	0.0184	0.0236	0.000229	0.00106	0.000729	0.545	0.00000365	0.00186	0.001	0.00219	0.000263
2112 Mar	0.00339	0.0437	0.0000203	10.9	19.5	0.134	0.00407	16.1	0.0184	0.0236	0.000229	0.00106	0.000729	0.545	0.00000365	0.00186	0.001	0.00219	0.000263
2112 Apr	0.00339	0.0437	0.0000203	10.9	19.5	0.134	0.00407	16.1	0.0184	0.0236	0.000229	0.00106	0.000729	0.545	0.00000366	0.00186	0.001	0.00219	0.000263
2112 May	0.00339	0.0438	0.0000203	10.9	19.5	0.134	0.00407	16	0.0184	0.0236	0.00023	0.00106	0.00073	0.546	0.00000366	0.00186	0.001	0.00219	0.000263
2112 Jun	0.00339	0.0438	0.0000203	10.9	19.5	0.134	0.00407	15.9	0.0184	0.0236	0.00023	0.00106	0.00073	0.545	0.00000365	0.00186	0.001	0.00218	0.000263
2112 Jul	0.00339	0.0438	0.0000203	10.9	19.5	0.134	0.00408	15.9	0.0184	0.0236	0.00023	0.00106	0.000731	0.546	0.00000365	0.00187	0.001	0.00218	0.000264
2112 Aug	0.0034	0.0439	0.0000204	10.9	19.6	0.134	0.00408	15.9	0.0185	0.0237	0.000231	0.00107	0.000732	0.547	0.00000366	0.00187	0.001	0.00219	0.000264
2112 Sep	0.0034	0.0439	0.0000204	10.9	19.6	0.134	0.00409	15.9	0.0185	0.0237	0.000231	0.00107	0.000732	0.547	0.00000366	0.00187	0.001	0.00219	0.000264
2112 Oct	0.0034	0.0439	0.0000204	10.9	19.6	0.134	0.00409	15.9	0.0185	0.0237	0.000231	0.00107	0.000732	0.547	0.00000366	0.00187	0.001	0.00219	0.000264
2112 Nov	0.0034	0.0439	0.0000204	10.9	19.6	0.134	0.00409	15.8	0.0185	0.0237	0.000231	0.00107	0.000732	0.547	0.00000366	0.00187	0.001	0.00219	0.000264
2112 Dec	0.0034	0.0439	0.0000204	10.9	19.6	0.134	0.00409	15.8	0.0185	0.0237	0.000231	0.00107	0.000732	0.547	0.00000366	0.00187	0.001	0.00219	0.000264
2113 Jan	0.0034	0.0439	0.0000204	10.9	19.6	0.134	0.00409	15.8	0.0185	0.0237	0.000231	0.00107	0.000732	0.547	0.00000366	0.00187	0.001	0.00219	0.000264
2113 Feb	0.0034	0.0439	0.0000204	10.9	19.6	0.134	0.00409	15.8	0.0185	0.0237	0.000231	0.00107	0.000732	0.547	0.00000366	0.00187	0.001	0.00219	0.000264
2113 Mar	0.0034	0.0439	0.0000204	10.9	19.6	0.134	0.00409	15.9	0.0185	0.0237	0.000231	0.00107	0.000733	0.547	0.00000366	0.00187	0.001	0.00219	0.000264
2113 Apr	0.0034	0.0439	0.0000204	10.9	19.6	0.134	0.00409	15.9	0.0185	0.0237	0.000231	0.00107	0.000733	0.548	0.00000366	0.00187	0.001	0.00219	0.000264
2113 May	0.0034	0.0439	0.0000204	10.9	19.6	0.134	0.00409	15.9	0.0185	0.0237	0.000231	0.00107	0.000733	0.548	0.00000366	0.00187	0.00101	0.00219	0.000265
2113 Jun	0.0034	0.044	0.0000204	10.9	19.6	0.135	0.00409	15.8	0.0185	0.0237	0.000232	0.00107	0.000734	0.548	0.00000366	0.00187	0.00101	0.00219	0.000265
2113 Jul	0.00341	0.0441	0.0000205	10.9	19.6	0.135	0.0041	15.8	0.0185	0.0238	0.000232	0.00107	0.000735	0.549	0.00000366	0.00188	0.00101	0.00219	0.000265
2113 Aug	0.00342	0.0441	0.0000205	11	19.7	0.135	0.00411	15.8	0.0186	0.0238	0.000232	0.00107	0.000736	0.55	0.00000367	0.00188	0.00101	0.0022	0.000266
2113 Sep	0.00342	0.0441	0.0000205	11	19.7	0.135	0.00411	15.8	0.0186	0.0238	0.000232	0.00107	0.000736	0.55	0.00000367	0.00188	0.00101	0.0022	0.000266
2113 Oct	0.00341	0.0441	0.0000205	11	19.7	0.135	0.00411	15.7	0.0186	0.0238	0.000232	0.00107	0.000736	0.55	0.00000366	0.00188	0.00101	0.00219	0.000266
2113 Nov	0.00341	0.0441	0.0000205	11	19.7	0.135	0.00411	15.7	0.0186	0.0238	0.000232	0.00107	0.000737	0.55	0.00000366	0.00188	0.00101	0.00219	0.000266

Appendix D.3-2: TIRI

Constituents	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2113 Dec	0.00341	0.0441	0.0000205	11	19.7	0.135	0.00411	15.7	0.0186	0.0238	0.000232	0.00107	0.000737	0.55	0.00000366	0.00188	0.00101	0.00219	0.000266
2114 Jan	0.00341	0.0441	0.0000205	11	19.7	0.135	0.00411	15.7	0.0186	0.0238	0.000232	0.00107	0.000737	0.55	0.00000366	0.00188	0.00101	0.00219	0.000266
2114 Feb	0.00341	0.0441	0.0000205	11	19.7	0.135	0.00411	15.7	0.0186	0.0238	0.000232	0.00107	0.000737	0.55	0.00000366	0.00188	0.00101	0.00219	0.000266
2114 Mar	0.00341	0.0441	0.0000205	11	19.7	0.135	0.00411	15.7	0.0186	0.0238	0.000232	0.00107	0.000737	0.55	0.00000366	0.00188	0.00101	0.00219	0.000266
2114 Apr	0.00341	0.0441	0.0000205	11	19.7	0.135	0.00411	15.7	0.0186	0.0238	0.000232	0.00107	0.000737	0.55	0.00000366	0.00188	0.00101	0.00219	0.000266
2114 May	0.00342	0.0441	0.0000205	11	19.7	0.135	0.00411	15.7	0.0186	0.0238	0.000232	0.00107	0.000737	0.551	0.00000366	0.00188	0.00101	0.00219	0.000266
2114 Jun	0.00342	0.0442	0.0000205	11	19.7	0.135	0.00412	15.6	0.0186	0.0238	0.000233	0.00107	0.000738	0.552	0.00000367	0.00188	0.00101	0.0022	0.000267
2114 Jul	0.00343	0.0443	0.0000206	11	19.8	0.136	0.00413	15.7	0.0187	0.0239	0.000234	0.00108	0.00074	0.553	0.00000368	0.00189	0.00101	0.0022	0.000268
2114 Aug	0.00344	0.0444	0.0000206	11.1	19.8	0.136	0.00414	15.7	0.0187	0.024	0.000234	0.00108	0.000742	0.555	0.00000368	0.00189	0.00102	0.00221	0.000268
2114 Sep	0.00344	0.0444	0.0000206	11	19.8	0.136	0.00414	15.7	0.0187	0.0239	0.000234	0.00108	0.000742	0.554	0.00000368	0.00189	0.00102	0.00221	0.000268
2114 Oct	0.00344	0.0444	0.0000206	11	19.8	0.136	0.00414	15.7	0.0187	0.0239	0.000234	0.00108	0.000742	0.554	0.00000368	0.00189	0.00102	0.0022	0.000268
2114 Nov	0.00344	0.0444	0.0000206	11	19.8	0.136	0.00414	15.6	0.0187	0.0239	0.000234	0.00108	0.000742	0.554	0.00000368	0.00189	0.00102	0.0022	0.000268
2114 Dec	0.00344	0.0444	0.0000206	11	19.8	0.136	0.00414	15.6	0.0187	0.0239	0.000234	0.00108	0.000742	0.554	0.00000368	0.00189	0.00102	0.0022	0.000268
2115 Jan	0.00344	0.0444	0.0000206	11	19.8	0.136	0.00414	15.6	0.0187	0.0239	0.000234	0.00108	0.000742	0.554	0.00000368	0.00189	0.00102	0.0022	0.000268
2115 Feb	0.00344	0.0444	0.0000206	11	19.8	0.136	0.00414	15.6	0.0187	0.0239	0.000234	0.00108	0.000742	0.554	0.00000368	0.00189	0.00102	0.0022	0.000268
2115 Mar	0.00344	0.0444	0.0000206	11	19.8	0.136	0.00414	15.6	0.0187	0.0239	0.000234	0.00108	0.000742	0.554	0.00000368	0.00189	0.00102	0.0022	0.000268
2115 Apr	0.00344	0.0444	0.0000206	11	19.8	0.136	0.00414	15.6	0.0187	0.0239	0.000234	0.00108	0.000742	0.554	0.00000368	0.00189	0.00102	0.0022	0.000268
2115 May	0.00344	0.0444	0.0000207	11.1	19.8	0.136	0.00415	15.6	0.0187	0.024	0.000234	0.00108	0.000743	0.555	0.00000368	0.0019	0.00102	0.0022	0.000269
2115 Jun	0.00344	0.0445	0.0000207	11.1	19.9	0.136	0.00415	15.6	0.0188	0.024	0.000235	0.00108	0.000744	0.556	0.00000369	0.0019	0.00102	0.00221	0.000269
2115 Jul	0.00345	0.0446	0.0000207	11.1	19.9	0.137	0.00416	15.6	0.0188	0.024	0.000235	0.00108	0.000746	0.557	0.00000369	0.0019	0.00102	0.00221	0.00027
2115 Aug	0.00345	0.0446	0.0000207	11.1	19.9	0.137	0.00416	15.6	0.0188	0.024	0.000235	0.00108	0.000746	0.557	0.00000369	0.0019	0.00102	0.00221	0.00027
2115 Sep	0.00345	0.0446	0.0000208	11.1	19.9	0.137	0.00417	15.6	0.0188	0.0241	0.000235	0.00109	0.000746	0.558	0.00000369	0.0019	0.00102	0.00221	0.00027
2115 Oct	0.00346	0.0446	0.0000208	11.1	20	0.137	0.00417	15.6	0.0188	0.0241	0.000235	0.00109	0.000747	0.558	0.00000369	0.00191	0.00102	0.00221	0.00027
2115 Nov	0.00346	0.0446	0.0000208	11.1	20	0.137	0.00417	15.6	0.0188	0.0241	0.000235	0.00109	0.000747	0.558	0.00000369	0.00191	0.00102	0.00221	0.00027
2115 Dec	0.00346	0.0446	0.0000208	11.1	20	0.137	0.00417	15.6	0.0188	0.0241	0.000235	0.00109	0.000747	0.558	0.00000369	0.00191	0.00102	0.00221	0.00027
2116 Jan	0.00346	0.0446	0.0000208	11.1	20	0.137	0.00417	15.6	0.0188	0.0241	0.000235	0.00109	0.000747	0.558	0.00000369	0.00191	0.00102	0.00221	0.00027
2116 Feb	0.00346	0.0446	0.0000208	11.1	20	0.137	0.00417	15.6	0.0188	0.0241	0.000235	0.00109	0.000747	0.558	0.00000369	0.00191	0.00102	0.00221	0.00027
2116 Mar	0.00346	0.0446	0.0000208	11.1	20	0.137	0.00417	15.6	0.0188	0.0241	0.000235	0.00109	0.000747	0.558	0.00000369	0.00191	0.00102	0.00221	0.00027
2116 Apr	0.00346	0.0446	0.0000208	11.1	20	0.137	0.00417	15.6	0.0188	0.0241	0.000235	0.00109	0.000747	0.558	0.0000037	0.00191	0.00102	0.00221	0.00027
2116 May	0.00346	0.0446	0.0000208	11.1	20	0.137	0.00418	15.6	0.0189	0.0241	0.000236	0.00109	0.000748	0.559	0.0000037	0.00191	0.00102	0.00222	0.000271
2116 Jun	0.00347	0.0447	0.0000208	11.2	20	0.138	0.00419	15.4	0.0189	0.0241	0.000236	0.00109	0.00075	0.56	0.0000037	0.00191	0.00103	0.00222	0.000271
2116 Jul	0.00348	0.0448	0.0000209	11.2	20.1	0.138	0.0042	15.4	0.019	0.0241	0.000237	0.00109	0.000752	0.562	0.0000037	0.00192	0.00103	0.00222	0.000272
2116 Aug	0.00348	0.0449	0.0000209	11.2	20.1	0.138	0.00421	15.5	0.019	0.0242	0.000237	0.0011	0.000753	0.563	0.00000371	0.00192	0.00103	0.00222	0.000273
2116 Sep	0.00348	0.0449	0.0000209	11.2	20.1	0.138	0.00421	15.4	0.019	0.0242	0.000237	0.0011	0.000753	0.563	0.00000371	0.00192	0.00103	0.00222	0.000273
2116 Oct	0.00348	0.0448	0.0000209	11.2	20.1	0.138	0.00421	15.4	0.019	0.0242	0.000237	0.0011	0.000754	0.563	0.00000371	0.00192	0.00103	0.00222	0.000273
2116 Nov	0.00348	0.0448	0.0000209	11.2	20.1	0.138	0.00421	15.4	0.019	0.0242	0.000237	0.0011	0.000754	0.563	0.00000371	0.00192	0.00103	0.00222	0.000273
2116 Dec	0.00348	0.0448	0.000021	11.2	20.1	0.138	0.00421	15.4	0.019	0.0242	0.000237	0.0011	0.000754	0.563	0.00000371	0.00192	0.00103	0.00222	0.000273
2117 Jan	0.00348	0.0448	0.000021	11.2	20.1	0.138	0.00421	15.4	0.019	0.0242	0.000237	0.0011	0.000754	0.563	0.00000371	0.00192	0.00103	0.00222	0.000273
2117 Feb	0.00348	0.0448	0.000021	11.2	20.1	0.138	0.00421	15.4	0.019	0.0242	0.000237	0.0011	0.000754	0.563	0.00000371	0.00192	0.00103	0.00222	0.000273
2117 Mar	0.00348	0.0448	0.000021	11.2	20.2	0.138	0.00421	15.4	0.019	0.0242	0.000237	0.0011	0.000754	0.563	0.00000371	0.00192	0.00103	0.00222	0.000273
2117 Apr	0.00348	0.0449	0.000021	11.2	20.2	0.138	0.00421	15.4	0.019	0.0242	0.000237	0.0011	0.000754	0.563	0.00000371	0.00192	0.00103	0.00222	0.000273
2117 May	0.00349	0.0449	0.000021	11.2	20.2	0.138	0.00422	15.4	0.019	0.0242	0.000237	0.0011	0.000755	0.564	0.00000371	0.00193	0.00103	0.00222	0.000273
2117 Jun	0.00349	0.045	0.000021	11.2	20.2	0.139	0.00422	15.4	0.0191	0.0242	0.000238	0.0011	0.000756	0.565	0.00000371	0.00193	0.00103	0.00223	0.000274
2117 Jul	0.0035	0.0451	0.0000211	11.3	20.3	0.139	0.00423	15.4	0.0191	0.0243	0.000239	0.0011	0.000758	0.566	0.00000372	0.00193	0.00104	0.00223	0.000274
2117 Aug	0.0035	0.0451	0.0000211	11.3	20.3	0.139	0.00424	15.4	0.0191	0.0243	0.000239	0.0011	0.000759	0.567	0.00000373	0.00194	0.00104	0.00223	0.000275
2117 Sep	0.00351	0.0452	0.0000211	11.3	20.3	0.139	0.00424	15.4	0.0191	0.0243	0.000239	0.0011	0.000759	0.567	0.00000373	0.00194	0.00104	0.00224	0.000275
2117 Oct	0.0035	0.0451	0.0000211	11.3	20.3	0.139	0.00424	15.4	0.0191	0.0243	0.000239	0.0011	0.000759	0.567	0.00000373	0.00194	0.00104	0.00224	0.000275
2117 Nov	0.0035	0.0451	0.0000211	11.3	20.3	0.139	0.00424	15.4	0.0191	0.0243	0.000239	0.0011	0.000758	0.567	0.00000373	0.00194	0.00104	0.00223	0.000275
2117 Dec	0.0035	0.0451	0.0000211	11.3	20.3	0.139	0.00424	15.4	0.0191	0.0243	0.000239	0.0011	0.000758	0.567	0.00000373	0.00194	0.00104	0.00223	0.000275
2118 Jan	0.0035	0.0451	0.0000211	11.3	20.3	0.139	0.00424	15.4	0.0191	0.0243	0.000239	0.0011	0.000758	0.567	0.00000373	0.00194	0.00104	0.00223	0.000275
2118 Feb	0.0035	0.0451	0.0000211	11.3	20.3	0.139	0.00424	15.4	0.0191	0.0243	0.000239	0.0011	0.000758	0.567	0.00000373	0.00194	0.00104	0.00223	0.000275
2118 Mar	0.0035	0.0451	0.0000211	11.3	20.3	0.139	0.00424	15.4	0.0191	0.0243	0.000239	0.0011	0.000758	0.567	0.00000373	0.00194	0.00104	0.00223	0.000275
2118 Apr	0.0035	0.0451	0.0000211	11.3	20.3	0.139	0.00424	15.4	0.0191	0.0243	0.000239	0.0011	0.000759	0.567	0.00000373	0.00194	0.00104	0.00224	0.000275
2118 May	0.00351	0.0452	0.0000211	11.3	20.3	0.139	0.00424	15.4	0.0191	0.0244	0.000239	0.0011	0.000759	0.567	0.00000373	0.00194	0.00104	0.00224	0.000275
2118 Jun	0.00351	0.0453	0.0000211	11.3	20.3	0.14	0.00425	15.3	0.0192	0.0244	0.00024	0.00111	0.000761	0.569	0.00000373	0.00194	0.00104	0.00224	0.000276
2118 Jul	0.00352	0.0454	0.0000212	11.4	20.4	0.14	0.00426	15.3	0.0192	0.0245	0.000241	0.00111	0.000763	0.57	0.00000374	0.00195	0.00104	0.00224	0.000276
2118 Aug	0.00352	0.0454	0.0000212	11.4	20.4	0.14	0.00426	15.3	0.0192	0.0245	0.000241	0.00111	0.000763	0.57	0.00000374	0.00195	0.00104	0.00224	0.000276
2118 Sep	0.00352	0.0454	0.0000212	11.4	20.4	0.14	0.00427	15.2	0.0193	0.0244	0.000241	0.00111	0.000764	0.571	0.00000374	0.00195	0.00105	0.00224	0.000277
2118 Oct	0.00353	0.0454	0.0000212	11.4	20.5	0.14	0.00428	15.1	0.0193	0.0244	0.000241	0.00111	0.000765	0.572	0.00000374	0.00195	0.00105	0.00224	0.000277
2118 Nov	0.00353	0.0454	0.0000213	11.4	20.5	0.141	0.00428	15.1	0.0193	0.0244	0.000241	0.00111	0.000766	0.572	0.00000374	0.00195	0.00105	0.00224	0.000278
2118 Dec	0.00353	0.0454	0.0000213	11.4	20.5	0.141	0.00428	15.1	0.0193	0.0244	0.000241	0.00111	0.000766	0.572	0.00000374	0.00195	0.00105	0.00224	0.000278
2119 Jan	0.00353	0.0454	0.0000213	11.4	20.5	0.141	0.00428	15.1	0.0193	0.0244	0.000241	0.00111	0.000766	0.572	0.00000374	0.00195	0.00105	0.00224	0.000278
2119 Feb	0.00353	0.0454	0.0000213	11.4	20.5	0.141	0.00428	15.1	0.0193	0.0244	0.000241	0.00111	0.000766	0.572	0.00000374	0.00195	0.00105	0.00224	0.000278
2119 Mar	0.00353	0.0454	0.0000213	11.4	20.5	0.141	0.00428	15.1	0.0193	0.0244	0.000241	0.00111	0.000766	0.572	0.00000374	0.00195	0.00105	0.00224	0.000278
2119 Apr	0.00353	0.0454	0.0000213	11.4	20.5	0.141	0.00428	15.1	0.0193	0.0245	0.000241	0.00111	0.000766	0.572	0.00000374	0.00195	0.00105	0.00224	0.000278
2119 May	0.00353	0.0454	0.0000213	11.4	20.5	0.141	0.00428	15.1	0.0193	0.0245	0.000242	0.00111	0.000766	0.572	0.00000374	0.00196	0.00105	0.00224	0.000278
2119 Jun	0.00353	0.0455	0.0000213	11.4	20.5	0.141	0.00429	15	0.0193	0.0245	0.000242	0.00111	0.000767	0.573	0.00000373	0.00196	0.00105	0.00224	0.000278
2119 Jul	0.00354	0.0456	0.0000213	11.4	20.6	0.141	0.0043	15.1	0.0194	0.0245	0.000242	0.00112	0.000769	0.574	0.00000374	0.00196	0.00105	0.00225	0.000279
2119 Aug	0.00355	0.0456	0.0000214	11.4	20.6	0.141	0.0043	15.1	0.0194	0.0246	0.000243	0.00112	0.00077	0.575	0.00000375	0.00196	0.00105	0.00225	0.000279
2119 Sep	0.00355	0.0456	0.0000214	11.5	20.6	0.141	0.0043	15.1	0.0194	0.0246	0.000243	0.00112	0.00077	0.575	0.00000375	0.00197	0.00105	0.00225	0.000279
2119 Oct	0.00355	0.0456	0.0000214	11.5	20.6	0.142	0.00431	15	0.0194	0.0245	0.000242	0.00112	0.000771	0.576	0.00000375	0.00197	0.00105	0.00225	0.00028
2119 Nov	0.00355	0.0456	0.0000214	11.5	20.6	0.142	0.00431	15	0.0194	0.0245	0.000242	0.00112	0.000771	0.576	0.00000375	0.00197	0.00105	0.00225	0.00028
2119 Dec	0.00355	0.0456	0.0000214	11.5	20.6	0.142	0.00431	15	0.0194	0.0245	0.000242	0.00112	0.000771	0.576	0.00000375	0.00197	0.00105	0.00225	0.00028

Appendix D.3-3: WES

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2044-2119): Min	218	0.0631	0.098	0.00336	34.1	0.0305	17.9	0.00101	0.000954	0.00000537	0.00296	0.00049	0.0151	0.00786	0.00000495	9.4	0.00000759	0.0000771	0.000109	0.000869	0.0141
Post Closure (2044-2119): Mean	236	0.0772	0.223	0.00616	40.2	0.0522	54.9	0.00202	0.000995	0.00000568	0.00456	0.00226	0.0562	0.0129	0.00000591	20.6	0.0000165	0.00111	0.000192	0.00138	0.024
Post Closure (2044-2119): Max	271	0.088	0.287	0.00903	47	0.0853	113	0.00353	0.00101	0.00000608	0.00662	0.00494	0.121	0.0196	0.00000707	37.8	0.0000292	0.00269	0.000319	0.00216	0.0364
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***	***1.06***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
Model Predictions (2044-2119)																					
2044 Jan	244	0.0631	0.098	0.00336	45.5	0.0305	17.9	0.00101	0.000954	0.00000537	0.00296	0.00049	0.0151	0.00786	0.00000495	9.4	0.00000759	0.0000771	0.000109	0.000869	0.0141
2044 Feb	252	0.0652	0.101	0.00347	47	0.0315	18.5	0.00104	0.000986	0.00000555	0.00306	0.000506	0.0156	0.00812	0.00000511	9.72	0.00000784	0.0000796	0.000112	0.000898	0.0145
2044 Mar	252	0.0652	0.101	0.00347	47	0.0315	18.5	0.00104	0.000986	0.00000555	0.00306	0.000506	0.0156	0.00812	0.00000511	9.72	0.00000784	0.0000797	0.000112	0.000898	0.0145
2044 Apr	252	0.0652	0.101	0.00347	47	0.0315	18.5	0.00104	0.000986	0.00000555	0.00306	0.000506	0.0156	0.00812	0.00000511	9.72	0.00000784	0.0000797	0.000112	0.000898	0.0145
2044 May	252	0.0652	0.101	0.00347	47	0.0315	18.5	0.00104	0.000987	0.00000556	0.00306	0.000507	0.0156	0.00813	0.00000512	9.72	0.00000785	0.0000797	0.000112	0.000899	0.0145
2044 Jun	250	0.0647	0.101	0.00346	46.6	0.0314	18.5	0.00104	0.000983	0.00000553	0.00305	0.000506	0.0155	0.0081	0.0000051	9.68	0.00000783	0.0000807	0.000112	0.000896	0.0145
2044 Jul	249	0.0645	0.101	0.00346	46.5	0.0315	18.5	0.00104	0.000984	0.00000553	0.00305	0.000506	0.0156	0.00811	0.0000051	9.69	0.00000784	0.0000816	0.000112	0.000896	0.0145
2044 Aug	250	0.0647	0.101	0.00347	46.7	0.0316	18.5	0.00104	0.000987	0.00000555	0.00306	0.000508	0.0156	0.00813	0.00000512	9.71	0.00000786	0.0000818	0.000112	0.000899	0.0145
2044 Sep	250	0.0646	0.101	0.00346	46.6	0.0315	18.5	0.00104	0.000986	0.00000555	0.00306	0.000508	0.0156	0.00813	0.00000511	9.71	0.00000786	0.0000818	0.000112	0.000898	0.0145
2044 Oct	250	0.0646	0.101	0.00346	46.6	0.0315	18.5	0.00104	0.000986	0.00000554	0.00306	0.000507	0.0156	0.00813	0.00000511	9.7	0.00000785	0.0000818	0.000112	0.000898	0.0145
2044 Nov	250	0.0646	0.101	0.00346	46.6	0.0315	18.5	0.00104	0.000986	0.00000554	0.00306	0.000507	0.0156	0.00813	0.00000511	9.7	0.00000785	0.0000818	0.000112	0.000898	0.0145
2044 Dec	250	0.0646	0.101	0.00346	46.6	0.0315	18.5	0.00104	0.000986	0.00000554	0.00306	0.000508	0.0156	0.00813	0.00000511	9.7	0.00000785	0.0000818	0.000112	0.000898	0.0145
2045 Jan	250	0.0646	0.101	0.00346	46.6	0.0315	18.5	0.00104	0.000986	0.00000554	0.00306	0.000508	0.0156	0.00813	0.00000511	9.7	0.00000785	0.0000818	0.000112	0.000898	0.0145
2045 Feb	250	0.0646	0.101	0.00346	46.6	0.0315	18.5	0.00104	0.000986	0.00000554	0.00306	0.000508	0.0156	0.00813	0.00000511	9.7	0.00000785	0.0000818	0.000112	0.000898	0.0145
2045 Mar	250	0.0646	0.101	0.00346	46.6	0.0315	18.5	0.00104	0.000986	0.00000554	0.00306	0.000508	0.0156	0.00813	0.00000511	9.7	0.00000785	0.0000818	0.000112	0.000898	0.0145
2045 Apr	250	0.0646	0.101	0.00346	46.6	0.0315	18.5	0.00104	0.000986	0.00000555	0.00306	0.000508	0.0156	0.00813	0.00000511	9.7	0.00000786	0.0000818	0.000112	0.000898	0.0145
2045 May	250	0.0647	0.101	0.00346	46.6	0.0315	18.5	0.00104	0.000986	0.00000555	0.00306	0.000508	0.0156	0.00813	0.00000512	9.71	0.00000786	0.0000818	0.000112	0.000899	0.0145
2045 Jun	249	0.0645	0.102	0.00347	46.5	0.0315	18.5	0.00104	0.000985	0.00000554	0.00307	0.00051	0.0156	0.00814	0.00000511	9.71	0.00000787	0.0000835	0.000112	0.000898	0.0146
2045 Jul	248	0.0645	0.102	0.00347	46.4	0.0316	18.6	0.00104	0.000986	0.00000554	0.00307	0.000513	0.0157	0.00816	0.00000512	9.72	0.0000079	0.000085	0.000112	0.000899	0.0146
2045 Aug	248	0.0646	0.103	0.00348	46.5	0.0316	18.6	0.00104	0.000988	0.00000555	0.00308	0.000514	0.0157	0.00817	0.00000513	9.74	0.00000791	0.0000852	0.000112	0.0009	0.0146
2045 Sep	248	0.0646	0.103	0.00348	46.5	0.0316	18.6	0.00104	0.000988	0.00000555	0.00308	0.000514	0.0157	0.00818	0.00000513	9.74	0.00000791	0.0000852	0.000113	0.0009	0.0146
2045 Oct	249	0.0646	0.103	0.00348	46.5	0.0316	18.6	0.00104	0.000988	0.00000555	0.00308	0.000514	0.0157	0.00818	0.00000513	9.75	0.00000791	0.0000852	0.000113	0.000901	0.0147
2045 Nov	249	0.0646	0.103	0.00348	46.5	0.0316	18.6	0.00104	0.000988	0.00000555	0.00308	0.000514	0.0157	0.00818	0.00000513	9.75	0.00000791	0.0000852	0.000113	0.000901	0.0147
2045 Dec	249	0.0646	0.103	0.00348	46.5	0.0316	18.6	0.00104	0.000988	0.00000555	0.00308	0.000514	0.0157	0.00818	0.00000513	9.75	0.00000792	0.0000852	0.000113	0.000901	0.0147
2046 Jan	249	0.0646	0.103	0.00348	46.5	0.0316	18.6	0.00104	0.000988	0.00000555	0.00308	0.000514	0.0157	0.00818	0.00000513	9.75	0.00000792	0.0000852	0.000113	0.000901	0.0147
2046 Feb	249	0.0646	0.103	0.00348	46.5	0.0316	18.6	0.00104	0.000988	0.00000555	0.00308	0.000514	0.0157	0.00818	0.00000513	9.75	0.00000792	0.0000852	0.000113	0.000901	0.0147
2046 Mar	249	0.0646	0.103	0.00348	46.5	0.0316	18.6	0.00104	0.000988	0.00000555	0.00308	0.000514	0.0157	0.00818	0.00000513	9.75	0.00000792	0.0000852	0.000113	0.000901	0.0147
2046 Apr	249	0.0646	0.103	0.00348	46.5	0.0317	18.6	0.00104	0.000988	0.00000555	0.00308	0.000514	0.0157	0.00818	0.00000513	9.75	0.00000792	0.0000852	0.000113	0.000901	0.0147
2046 May	249	0.0647	0.103	0.00349	46.5	0.0317	18.6	0.00104	0.000989	0.00000556	0.00308	0.000515	0.0157	0.00819	0.00000513	9.76	0.00000792	0.0000853	0.000113	0.000902	0.0147
2046 Jun	247	0.0644	0.103	0.00349	46.2	0.0316	18.6	0.00104	0.000987	0.00000554	0.00308	0.000518	0.0158	0.00819	0.00000512	9.75	0.00000794	0.0000875	0.000113	0.0009	0.0147
2046 Jul	245	0.0641	0.104	0.00349	45.9	0.0316	18.7	0.00104	0.000985	0.00000553	0.00308	0.000523	0.0158	0.0082	0.00000512	9.75	0.00000795	0.0000908	0.000112	0.000899	0.0147
2046 Aug	245	0.0642	0.104	0.0035	46	0.0317	18.7	0.00105	0.000987	0.00000554	0.00309	0.000524	0.0158	0.00821	0.00000513	9.77	0.00000797	0.0000909	0.000113	0.0009	0.0148
2046 Sep	245	0.0642	0.104	0.00349	46	0.0317	18.7	0.00105	0.000986	0.00000553	0.00309	0.000524	0.0158	0.00821	0.00000512	9.76	0.00000796	0.0000909	0.000113	0.0009	0.0147
2046 Oct	245	0.0642	0.104	0.00349	45.9	0.0316	18.7	0.00105	0.000986	0.00000553	0.00309	0.000523	0.0158	0.0082	0.00000512	9.76	0.00000796	0.0000908	0.000113	0.000899	0.0147
2046 Nov	245	0.0642	0.104	0.00349	45.9	0.0316	18.7	0.00105	0.000986	0.00000553	0.00309	0.000523	0.0158	0.0082	0.00000512	9.76	0.00000796	0.0000908	0.000113	0.000899	0.0147
2046 Dec	245	0.0642	0.104	0.00349	45.9	0.0316	18.7	0.00105	0.000986	0.00000553	0.00309	0.000523	0.0158	0.0082	0.00000512	9.76	0.00000796	0.0000908	0.000113	0.000899	0.0147
2047 Jan	245	0.0642	0.104	0.00349	45.9	0.0316	18.7	0.00105	0.000986	0.00000553	0.00309	0.000523	0.0158	0.0082	0.00000512	9.76	0.00000796	0.0000908	0.000113	0.000899	0.0147
2047 Feb	245	0.0642	0.104	0.00349	45.9	0.0316	18.7	0.00105	0.000986	0.00000553	0.00309	0.000523	0.0158	0.0082	0.00000512	9.76	0.00000796	0.0000908	0.000113	0.000899	0.0147
2047 Mar	245	0.0642	0.104	0.00349	45.9	0.0316	18.7	0.00105	0.000986	0.00000553	0.00309	0.000523	0.0158	0.00821	0.00000512	9.76	0.00000796	0.0000908	0.000113	0.000899	0.0147
2047 Apr	245	0.0642	0.104	0.00349	45.9	0.0316	18.7	0.00105	0.000986	0.00000553	0.00309	0.000523	0.0158	0.00821	0.00000512	9.76	0.00000796	0.0000908	0.000113	0.000899	0.0147
2047 May	245	0.0642	0.104	0.0035	45.9	0.0317	18.7	0.00105	0.000986	0.00000553	0.00309	0.000524	0.0158	0.00821	0.00000512	9.76	0.00000797	0.0000912	0.000113	0.0009	0.0148
2047 Jun	242	0.0639	0.106	0.00351	45.5	0.0317	18.8	0.00105	0.000984	0.00000551	0.00309	0.000534	0.0159	0.00824	0.00000512	9.79	0.000008	0.0000963	0.000113	0.000899	0.0148
2047 Jul	243	0.064	0.106	0.00352	45.6	0.0317	18.8	0.00105	0.000986	0.00000553	0.0031	0.000535	0.016	0.00826	0.00000513	9.81	0.00000802	0.0000966	0.000113	0.000901	0.0149
2047 Aug	243	0.0642	0.106	0.00352	45.7	0.0318	18.9	0.00105	0.000988	0.00000554	0.00311	0.000536	0.016	0.00828	0.00000514	9.83	0.00000804	0.0000968	0.000113	0.000903	0.0149
2047 Sep	243	0.0641	0.106	0.00352	45.7	0.0318	18.9	0.00105	0.000988	0.00000554	0.00311	0.000536	0.016	0.00828	0.00000514	9.83	0.00000804	0.0000968	0.000113	0.000903	0.0149
2047 Oct	243	0.0641	0.106	0.00352	45.7	0.0318	18.8	0.00105	0.000987	0.00000553	0.00311	0.000536	0.016	0.00827	0.00000513	9.82	0.00000803	0.0000968	0.000113	0.000902	0.0149
2047 Nov	243	0.0641	0.106	0.00352	45.7	0.0318	18.8	0.00105	0.000987	0.00000553	0.00311	0.000536	0.016	0.00827	0.00000513	9.82	0.00000803	0.0000968	0.000113	0.000902	0.0149
2047 Dec	243	0.0641	0.106	0.00352	45.7	0.0318	18.8	0.00105	0.000987	0.00000553	0.00311	0.000536	0.016	0.00827	0.00000513	9.82	0.00000803	0.0000968	0.000113	0.000902	0.0149
2048 Jan	243	0.0641	0.106	0.00352	45.7	0.0318	18.8	0.00105	0.000987	0.00000553	0.00311	0.000536	0.016	0.00827	0.00000513	9.82	0.00000803	0.0000968	0.000113	0.000902	0.0149
2048 Feb	243	0.0641	0.106	0.00352	45.7	0.0318	18.8	0.00105	0.000987	0.00000553	0.00311	0.000536	0.016	0.00827	0.00000513	9.82	0.00000803	0.0000968	0.000113	0.000902	0.0149
2048 Mar	243	0.0641	0.106	0.00352	45.7	0.0318	18.8	0.00105	0.000987	0.00000553	0.00311	0.000536	0.016	0.00827	0.00000513	9.82	0.00000803	0.0000968	0.000113	0.000902	0.0149
2048 Apr	243	0.0641	0.106	0.00352	45.7	0.0318	18.8	0.00105	0.000988	0.00000553	0.00311	0.000536	0.016	0.00827	0.00000513	9.83	0.00000803	0.0000968	0.000113	0.000903	0.0149
2048 May	243	0.0642	0.106	0.00352	45.7	0.0318	18.9	0.00105	0.000988	0.00000554	0.00311	0.000536	0.016	0.00828	0.00000514	9.83	0.00000804	0.0000968	0.000113	0.000903	0.0149
2048 Jun	241	0.0639	0.107	0.00354	45.4	0.0318	18.9	0.00106	0.000986	0.00000552	0.00311	0.000544	0.0161	0.00829	0.00000513	9.85	0.00000807	0.000101	0.000113	0.000902	0.0149
2048 Jul	240	0.0638	0.109	0.00355	45.1	0.0318	19	0.00106	0.000985	0.00000551	0.00312	0.000553	0.0162	0.00831	0.00000513	9.88	0.0000081	0.000106	0.000113	0.000902	0.015
2048 Aug	240	0.0638	0.109	0.00356	45.1	0.0319	19.1	0.00106	0.000986	0.00000551	0.00312	0.000554	0.0163	0.00832	0.00000513	9.89	0.00000811	0.000106	0.000114	0.000903	0.015
2048 Sep	240	0.0638	0.109	0.00356	45.1	0.0319	19.1	0.00106	0.000986	0.00000551	0.00312	0.000554	0.0163	0.00832	0.00000513	9.89	0.00000811	0.000106	0.000114	0.000903	0.015
2048 Oct	240	0.0638	0.109	0.00356	45.1	0.0318	19	0.00106	0.000986	0.00000551	0.00312	0.000553	0.0163	0.00832	0.00000513	9.88	0.00000811	0.000106	0.000113	0.000903	0.015
2048 Nov	240	0.0638	0.109	0.00356	45.1	0.0318	19.1	0.00106	0.000986	0.00000551	0.00312	0.000553	0.0163	0.00832	0.00000513	9.88	0.00000811	0.000106	0.000113	0.000903	0.015
2048 Dec	240	0.0638	0.109	0.00356	45.1	0.0318	19.1	0.00106	0.000986	0.00000551	0.00312	0.000553	0.0163	0.00832	0.00000513	9.88	0.00000811	0.000106	0.000113	0.000903	0.015
2049 Jan	240	0.0638	0.109	0.00356	45.1	0.0318	19.1	0.00106	0.000986	0.00000551	0.00312	0.000553	0.0163	0.00832	0.00000513	9.88	0.00000811	0.000106	0.000113	0.000903	0.015
2049 Feb	240	0.0638	0.109	0.00356	45.1	0.0318	19.1	0.00106	0.000986	0.00000551	0.00312	0.000553	0.0163	0.00832	0.00000513	9.88	0.00000811	0.000106	0.000113	0.000903	0.015
2049 Mar	240	0.0638	0.109	0.00356	45.1	0.0318	19.1	0.00106	0.000986	0.00000551	0.00312	0.000554	0.0163	0.00832	0.00000513	9.88	0.00000811	0.000106	0.000113	0.000903	0.015
2049 Apr	240	0.0638	0.109	0.00356	45.1	0.0318	19.1	0.00106	0.000986	0.00000551	0.00312	0.000554	0.0163	0.00832	0.00000513	9.89	0.00000811	0.000106	0.000113	0.000903	0.015
2049 May	240	0.0639	0.109	0.00356	45.2	0.0319	19.1	0.00106	0.000987	0.00000552	0.00312	0.000554	0.0163	0.00832	0.00000514	9.89	0.00000812	0.000106	0.000114	0.000904	0.015
2049 Jun	238	0.0637	0.111	0.00358	44.8	0.0319	19.2	0.00107	0.000984	0.0000055	0.00313	0.000564	0.0164	0.00834	0.00000513	9.92	0.00000815	0.000111	0.000114	0.000903	0.0151
2049 Jul	237	0.0636	0.112	0.00359	44.6	0.0319	19.3	0.00107	0.000983	0.00000549	0.00313	0.000573	0.0165	0.00836	0.00000513	9.95	0.00000819	0.000115	0.000114	0.000904	0.0151
2049 Aug	237	0.0638	0.112	0.0036	44.7	0.032	19.4	0.00107	0.000986	0.0000055	0.00314	0.000575	0.0166	0.00838	0.00000514	9.98	0.00000821	0.000116	0.000114	0.000906	0.0152
2049 Sep	237	0.0638	0.112	0.0036	44.7	0.032	19.3	0.00107	0.000986	0.0000055	0.00314	0.000575	0.0166	0.00838	0.00000514	9.98	0.00000821	0.000116	0.000114	0.000906	0.0152

Appendix D.3-3: WES

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2049 Oct	237	0.0637	0.112	0.0036	44.7	0.032	19.3	0.00107	0.000985	0.0000055	0.00314	0.000574	0.0166	0.00837	0.00000514	9.97	0.0000082	0.000116	0.000114	0.000905	0.0152
2049 Nov	237	0.0637	0.112	0.0036	44.7	0.032	19.3	0.00107	0.000985	0.0000055	0.00314	0.000574	0.0166	0.00838	0.00000514	9.97	0.0000082	0.000116	0.000114	0.000905	0.0152
2049 Dec	237	0.0637	0.112	0.0036	44.7	0.032	19.3	0.00107	0.000985	0.0000055	0.00314	0.000574	0.0166	0.00838	0.00000514	9.97	0.0000082	0.000116	0.000114	0.000905	0.0152
2050 Jan	237	0.0637	0.112	0.0036	44.7	0.032	19.3	0.00107	0.000985	0.0000055	0.00314	0.000574	0.0166	0.00838	0.00000514	9.97	0.0000082	0.000116	0.000114	0.000905	0.0152
2050 Feb	237	0.0637	0.112	0.0036	44.7	0.032	19.3	0.00107	0.000985	0.0000055	0.00314	0.000574	0.0166	0.00838	0.00000514	9.97	0.0000082	0.000116	0.000114	0.000905	0.0152
2050 Mar	237	0.0637	0.112	0.0036	44.7	0.032	19.3	0.00107	0.000985	0.0000055	0.00314	0.000574	0.0166	0.00838	0.00000514	9.97	0.0000082	0.000116	0.000114	0.000905	0.0152
2050 Apr	237	0.0637	0.112	0.0036	44.7	0.032	19.3	0.00107	0.000985	0.0000055	0.00314	0.000574	0.0166	0.00838	0.00000514	9.97	0.00000821	0.000116	0.000114	0.000905	0.0152
2050 May	237	0.0638	0.112	0.0036	44.7	0.032	19.4	0.00107	0.000986	0.00000551	0.00314	0.000575	0.0166	0.00838	0.00000514	9.98	0.00000821	0.000116	0.000114	0.000906	0.0152
2050 Jun	236	0.0637	0.113	0.00361	44.6	0.032	19.4	0.00108	0.000985	0.00000549	0.00315	0.00058	0.0167	0.00839	0.00000514	9.99	0.00000823	0.000119	0.000114	0.000905	0.0152
2050 Jul	235	0.0636	0.114	0.00363	44.4	0.032	19.5	0.00108	0.000983	0.00000549	0.00315	0.000588	0.0168	0.0084	0.00000513	10	0.00000826	0.000122	0.000114	0.000906	0.0152
2050 Aug	235	0.0637	0.115	0.00363	44.4	0.0321	19.6	0.00108	0.000985	0.00000549	0.00315	0.000589	0.0168	0.00841	0.00000514	10	0.00000827	0.000123	0.000114	0.000907	0.0153
2050 Sep	235	0.0637	0.115	0.00363	44.4	0.0321	19.6	0.00108	0.000985	0.00000549	0.00315	0.000589	0.0168	0.00841	0.00000514	10	0.00000827	0.000123	0.000114	0.000907	0.0153
2050 Oct	235	0.0638	0.115	0.00364	44.5	0.0321	19.6	0.00108	0.000985	0.0000055	0.00316	0.000589	0.0168	0.00842	0.00000515	10	0.00000827	0.000123	0.000114	0.000907	0.0153
2050 Nov	235	0.0638	0.115	0.00364	44.5	0.0321	19.6	0.00108	0.000986	0.0000055	0.00316	0.000589	0.0168	0.00842	0.00000515	10	0.00000828	0.000123	0.000114	0.000908	0.0153
2050 Dec	235	0.0638	0.115	0.00364	44.5	0.0321	19.6	0.00108	0.000986	0.0000055	0.00316	0.000589	0.0168	0.00842	0.00000515	10	0.00000828	0.000123	0.000114	0.000908	0.0153
2051 Jan	235	0.0638	0.115	0.00364	44.5	0.0321	19.6	0.00108	0.000986	0.0000055	0.00316	0.000589	0.0168	0.00842	0.00000515	10	0.00000828	0.000123	0.000114	0.000908	0.0153
2051 Feb	235	0.0638	0.115	0.00364	44.5	0.0321	19.6	0.00108	0.000986	0.0000055	0.00316	0.000589	0.0168	0.00842	0.00000515	10	0.00000828	0.000123	0.000114	0.000908	0.0153
2051 Mar	235	0.0638	0.115	0.00364	44.5	0.0321	19.6	0.00108	0.000986	0.0000055	0.00316	0.000589	0.0168	0.00842	0.00000515	10	0.00000828	0.000123	0.000114	0.000908	0.0153
2051 Apr	235	0.0638	0.115	0.00364	44.5	0.0321	19.6	0.00108	0.000986	0.0000055	0.00316	0.00059	0.0168	0.00842	0.00000515	10	0.00000828	0.000123	0.000114	0.000908	0.0153
2051 May	236	0.0638	0.115	0.00364	44.5	0.0321	19.6	0.00108	0.000987	0.0000055	0.00316	0.00059	0.0168	0.00843	0.00000515	10.1	0.00000828	0.000123	0.000115	0.000908	0.0153
2051 Jun	233	0.0637	0.117	0.00367	44.1	0.0322	19.8	0.00109	0.000983	0.00000548	0.00317	0.000607	0.0171	0.00846	0.00000514	10.1	0.00000834	0.000131	0.000115	0.000908	0.0154
2051 Jul	232	0.0637	0.119	0.0037	44	0.0323	20	0.0011	0.000983	0.00000548	0.00318	0.000619	0.0173	0.00848	0.00000515	10.2	0.00000839	0.000137	0.000115	0.00091	0.0154
2051 Aug	232	0.0638	0.119	0.0037	44	0.0323	20	0.0011	0.000984	0.00000548	0.00318	0.000619	0.0173	0.00849	0.00000515	10.2	0.0000084	0.000137	0.000115	0.000911	0.0154
2051 Sep	232	0.0637	0.119	0.0037	43.9	0.0323	20	0.0011	0.000983	0.00000548	0.00318	0.00062	0.0173	0.00849	0.00000515	10.2	0.0000084	0.000138	0.000115	0.00091	0.0154
2051 Oct	231	0.0637	0.12	0.00371	43.8	0.0323	20.1	0.0011	0.000981	0.00000546	0.00318	0.000627	0.0174	0.00849	0.00000514	10.2	0.00000842	0.000141	0.000115	0.00091	0.0155
2051 Nov	231	0.0637	0.12	0.00372	43.8	0.0323	20.1	0.0011	0.000981	0.00000546	0.00318	0.000628	0.0174	0.00849	0.00000514	10.2	0.00000842	0.000142	0.000115	0.00091	0.0155
2051 Dec	231	0.0637	0.12	0.00372	43.8	0.0323	20.1	0.0011	0.000981	0.00000546	0.00318	0.000628	0.0174	0.00849	0.00000514	10.2	0.00000842	0.000142	0.000115	0.00091	0.0155
2052 Jan	231	0.0637	0.12	0.00372	43.8	0.0323	20.1	0.0011	0.000981	0.00000546	0.00318	0.000628	0.0174	0.00849	0.00000514	10.2	0.00000842	0.000142	0.000115	0.00091	0.0155
2052 Feb	231	0.0637	0.12	0.00372	43.8	0.0323	20.1	0.0011	0.000981	0.00000546	0.00318	0.000628	0.0174	0.00849	0.00000514	10.2	0.00000842	0.000142	0.000115	0.00091	0.0155
2052 Mar	231	0.0637	0.12	0.00372	43.8	0.0323	20.1	0.0011	0.000981	0.00000546	0.00318	0.000628	0.0174	0.00849	0.00000514	10.2	0.00000842	0.000142	0.000115	0.00091	0.0155
2052 Apr	231	0.0637	0.12	0.00372	43.8	0.0323	20.1	0.0011	0.000982	0.00000546	0.00318	0.000628	0.0174	0.00849	0.00000514	10.2	0.00000842	0.000142	0.000115	0.00091	0.0155
2052 May	231	0.0637	0.12	0.00372	43.8	0.0323	20.1	0.0011	0.000982	0.00000547	0.00318	0.000628	0.0174	0.0085	0.00000514	10.2	0.00000842	0.000142	0.000115	0.000911	0.0155
2052 Jun	230	0.0637	0.121	0.00373	43.7	0.0323	20.2	0.00111	0.000982	0.00000546	0.00319	0.000635	0.0175	0.00851	0.00000514	10.2	0.00000845	0.000145	0.000115	0.000911	0.0155
2052 Jul	230	0.0638	0.122	0.00374	43.7	0.0324	20.3	0.00111	0.000983	0.00000547	0.00319	0.000638	0.0176	0.00853	0.00000515	10.3	0.00000847	0.000146	0.000116	0.000913	0.0155
2052 Aug	231	0.0639	0.122	0.00374	43.8	0.0324	20.3	0.00111	0.000984	0.00000547	0.00319	0.000638	0.0176	0.00854	0.00000515	10.3	0.00000848	0.000146	0.000116	0.000914	0.0156
2052 Sep	231	0.0639	0.122	0.00374	43.8	0.0324	20.3	0.00111	0.000984	0.00000547	0.00319	0.000638	0.0176	0.00854	0.00000515	10.3	0.00000848	0.000146	0.000116	0.000914	0.0156
2052 Oct	231	0.0639	0.122	0.00374	43.8	0.0324	20.3	0.00111	0.000984	0.00000547	0.0032	0.000638	0.0176	0.00854	0.00000515	10.3	0.00000848	0.000146	0.000116	0.000914	0.0156
2052 Nov	231	0.0639	0.122	0.00375	43.8	0.0324	20.3	0.00111	0.000984	0.00000547	0.0032	0.000639	0.0176	0.00854	0.00000516	10.3	0.00000848	0.000146	0.000116	0.000914	0.0156
2052 Dec	231	0.0639	0.122	0.00375	43.8	0.0324	20.3	0.00111	0.000984	0.00000547	0.0032	0.000639	0.0176	0.00854	0.00000516	10.3	0.00000848	0.000146	0.000116	0.000914	0.0156
2053 Jan	231	0.0639	0.122	0.00375	43.8	0.0324	20.3	0.00111	0.000984	0.00000547	0.0032	0.000639	0.0176	0.00854	0.00000516	10.3	0.00000848	0.000146	0.000116	0.000914	0.0156
2053 Feb	231	0.0639	0.122	0.00375	43.8	0.0324	20.3	0.00111	0.000984	0.00000547	0.0032	0.000639	0.0176	0.00854	0.00000516	10.3	0.00000848	0.000146	0.000116	0.000914	0.0156
2053 Mar	231	0.0639	0.122	0.00375	43.8	0.0324	20.3	0.00111	0.000984	0.00000547	0.0032	0.000639	0.0176	0.00854	0.00000516	10.3	0.00000848	0.000146	0.000116	0.000914	0.0156
2053 Apr	231	0.0639	0.122	0.00375	43.8	0.0324	20.3	0.00111	0.000984	0.00000548	0.0032	0.000639	0.0176	0.00854	0.00000516	10.3	0.00000848	0.000146	0.000116	0.000914	0.0156
2053 May	231	0.0639	0.122	0.00375	43.8	0.0325	20.3	0.00111	0.000985	0.00000548	0.0032	0.00064	0.0176	0.00855	0.00000516	10.3	0.00000849	0.000147	0.000116	0.000915	0.0156
2053 Jun	229	0.0639	0.125	0.00379	43.5	0.0325	20.6	0.00112	0.000982	0.00000546	0.00321	0.00066	0.0179	0.00859	0.00000515	10.4	0.00000856	0.000157	0.000116	0.000916	0.0157
2053 Jul	229	0.0641	0.126	0.00381	43.5	0.0326	20.8	0.00112	0.000983	0.00000546	0.00322	0.000666	0.0181	0.00861	0.00000516	10.4	0.0000086	0.00016	0.000117	0.000918	0.0157
2053 Aug	229	0.0642	0.126	0.00381	43.6	0.0327	20.8	0.00113	0.000985	0.00000548	0.00322	0.000667	0.0181	0.00863	0.00000517	10.4	0.00000861	0.00016	0.000117	0.00092	0.0158
2053 Sep	230	0.0643	0.126	0.00382	43.6	0.0328	20.8	0.00113	0.000986	0.00000548	0.00323	0.000668	0.0181	0.00864	0.00000518	10.4	0.00000863	0.00016	0.000117	0.000921	0.0158
2053 Oct	230	0.0643	0.126	0.00382	43.6	0.0328	20.8	0.00113	0.000987	0.00000548	0.00323	0.000668	0.0181	0.00864	0.00000518	10.4	0.00000863	0.00016	0.000117	0.000921	0.0158
2053 Nov	230	0.0643	0.126	0.00382	43.6	0.0328	20.8	0.00113	0.000987	0.00000548	0.00323	0.000668	0.0181	0.00864	0.00000518	10.4	0.00000863	0.00016	0.000117	0.000921	0.0158
2053 Dec	230	0.0643	0.126	0.00382	43.6	0.0328	20.8	0.00113	0.000987	0.00000548	0.00323	0.000668	0.0181	0.00864	0.00000518	10.4	0.00000863	0.00016	0.000117	0.000921	0.0158
2054 Jan	230	0.0643	0.126	0.00382	43.6	0.0328	20.8	0.00113	0.000987	0.00000548	0.00323	0.000668	0.0181	0.00864	0.00000518	10.4	0.00000863	0.00016	0.000117	0.000921	0.0158
2054 Feb	230	0.0643	0.126	0.00382	43.6	0.0328	20.8	0.00113	0.000987	0.00000548	0.00323	0.000668	0.0181	0.00864	0.00000518	10.4	0.00000863	0.00016	0.000117	0.000921	0.0158
2054 Mar	230	0.0643	0.126	0.00382	43.6	0.0328	20.8	0.00113	0.000987	0.00000548	0.00323	0.000668	0.0181	0.00864	0.00000518	10.4	0.00000863	0.00016	0.000117	0.000921	0.0158
2054 Apr	230	0.0643	0.126	0.00382	43.6	0.0328	20.8	0.00113	0.000987	0.00000549	0.00323	0.000669	0.0181	0.00864	0.00000518	10.4	0.00000863	0.00016	0.000117	0.000922	0.0158
2054 May	230	0.0644	0.127	0.00382	43.7	0.0328	20.9	0.00113	0.000988	0.00000549	0.00323	0.000669	0.0182	0.00865	0.00000519	10.5	0.00000864	0.00016	0.000117	0.000922	0.0158
2054 Jun	229	0.0642	0.127	0.00382	43.5	0.0327	20.9	0.00113	0.000985	0.00000547	0.00323	0.000671	0.0182	0.00864	0.00000517	10.4	0.00000863	0.000162	0.000117	0.000921	0.0158
2054 Jul	229	0.0643	0.127	0.00383	43.5	0.0328	20.9	0.00113	0.000985	0.00000547	0.00323	0.000675	0.0182	0.00865	0.00000518	10.5	0.00000865	0.000164	0.000117	0.000921	0.0158
2054 Aug	229	0.0643	0.127	0.00383	43.5	0.0328	20.9	0.00113	0.000986	0.00000548	0.00323	0.000676	0.0183	0.00866	0.00000518	10.5	0.00000866	0.000164	0.000117	0.000922	0.0158
2054 Sep	229	0.0643	0.127	0.00384	43.5	0.0328	20.9	0.00113	0.000986	0.00000548	0.00323	0.000676	0.0183	0.00866	0.00000518	10.5	0.00000866	0.000164	0.000117	0.000922	0.0158
2054 Oct	229	0.0643	0.128	0.00384	43.5	0.0328	21	0.00113	0.000986	0.00000548	0.00323	0.000677	0.0183	0.00866	0.00000518	10.5	0.00000866	0.000165	0.000117	0.000922	0.0158
2054 Nov	229	0.0643	0.128	0.00384	43.5	0.0328	21	0.00113	0.000985	0.00000548	0.00323	0.000678	0.0183	0.00866	0.00000518	10.5	0.00000867	0.000165	0.000117	0.000922	0.0158
2054 Dec	229	0.0643	0.128	0.00384	43.5	0.0328	21	0.00113	0.000986	0.00000548	0.00323	0.000678	0.0183	0.00866	0.00000518	10.5	0.00000867	0.000165	0.000117	0.000922	0.0158
2055 Jan	229	0.0643	0.128	0.00384	43.5	0.0328	21	0.00113	0.000986	0.00000548	0.00323	0.000678	0.0183	0.00866	0.00000518	10.5	0.00000867	0.000165	0.000117	0.000922	0.0158
2055 Feb	229	0.0643	0.128	0.00384	43.5	0.0328	21	0.00113	0.000986	0.00000548	0.00323	0.000678	0.0183	0.00866	0.00000518	10.5	0.00000867	0.000165	0.000117	0.000922	0.0158
2055 Mar	229	0.0643	0.128	0.00384	43.5	0.0328	21	0.00113	0.000986	0.00000548	0.00323	0.000678	0.0183	0.00866	0.00000518	10.5	0.00000867	0.000165	0.000117	0.000922	0.0158
2055 Apr	229	0.0643	0.128	0.00384	43.5	0.0328	21	0.00113	0.000986	0.00000548	0.00323	0.000678	0.0183	0.00866	0.00000518	10.5	0.00000867	0.000165	0.000117	0.000922	0.0159
2055 May	229	0.0644	0.128	0.00384	43.5	0.0328	21	0.00113	0.000986	0.00000548	0.00324	0.000679	0.0183	0.00867	0.00000518	10.5	0.00000867	0.000165	0.000117	0.000923	0.0159
2055 Jun	227	0.0645	0.131	0.00389	43.2	0.033	21.4	0.00115	0.000984	0.00000546	0.00325	0.000701	0.0187	0.00871	0.00000518	10.6	0.00000877	0.000177	0.000118	0.000925	0.016
2055 Jul	226	0.0646	0.133	0.00393	43.1	0.0331	21.7	0.00116	0.000984	0.00000546	0.00327	0.000718	0.019	0.00875	0.00000519	10.7	0.00000884	0.000185	0.000118	0.000928	0.016
2055 Aug	227	0.0648	0.134	0.00393	43.2	0.0332	21.7	0.00116	0.000986	0.00000547	0.00327	0.000719	0.0191	0.00876	0.0000052	10.7	0.00000885	0.000186	0.000119	0.00093	0.0161
2055 Sep	227	0.0648	0.134	0.00393	43.2	0.0332	21.7	0.00116	0.000986	0.00000547	0.00327	0.000719	0.0191	0.00876	0.0000052	10.7	0.00000886	0.000186	0.000119	0.00093	0.0161
2055 Oct	227	0.0648	0.134	0.00394	43.2	0.0332	21.7	0.00116	0.000986	0.00000547	0.00327	0.000719	0.0191	0.00877	0.0000052	10.7	0.00000886	0.000186	0.000119	0.00093	0.0161
2055 Nov	227	0.0648	0.134	0.00394	43.2	0.0332	21.7	0.00116	0.000986	0.00000547	0.00327	0.000719	0.0191	0.00877	0.0000052	10.7	0.00000886	0.000186	0.000119	0.00093	0.0161
2055 Dec	227	0.0648	0.134	0.00394	43.2	0.0332	21.7	0.00116	0.000986	0.00000547	0.00327	0.000719	0.0191	0.00877	0.0000052	10.7	0.00000886	0.000186	0.000119	0.00093	0.0161
2056 Jan	227	0.0648	0.134	0.00394	43.2	0.0332	21.7	0.00116	0.000986	0.00000547	0.00327	0.000719	0.0191	0.00877	0.0000052	10.7	0.00000886	0.000186	0.000119	0.00093	0.0161
2056 Feb	227	0.0648	0.134	0.00394	43.2	0.0332	21.7	0.00116	0.000986	0.00000547	0.00327	0.000719	0.0191	0.00877	0.0000052	10.7	0.00000886	0.000186	0.000119	0.00093	0.0161

Appendix D.3-3: WES

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2056 Mar	227	0.0648	0.134	0.00394	43.2	0.0332	21.7	0.00116	0.000986	0.00000547	0.00327	0.000719	0.0191	0.00877	0.0000052	10.7	0.00000886	0.000186	0.000119	0.00093	0.0161
2056 Apr	227	0.0648	0.134	0.00394	43.2	0.0332	21.7	0.00116	0.000986	0.00000547	0.00327	0.00072	0.0191	0.00877	0.0000052	10.7	0.00000886	0.000186	0.000119	0.00093	0.0161
2056 May	227	0.0648	0.134	0.00394	43.2	0.0332	21.7	0.00116	0.000987	0.00000548	0.00327	0.00072	0.0191	0.00878	0.0000052	10.7	0.00000887	0.000186	0.000119	0.000931	0.0161
2056 Jun	226	0.0648	0.135	0.00396	43	0.0332	21.9	0.00116	0.000985	0.00000546	0.00328	0.000731	0.0193	0.0088	0.00000519	10.8	0.00000891	0.000192	0.000119	0.000931	0.0162
2056 Jul	226	0.065	0.136	0.00397	43.1	0.0333	22	0.00117	0.000986	0.00000547	0.00329	0.000735	0.0194	0.00882	0.0000052	10.8	0.00000893	0.000194	0.000119	0.000934	0.0162
2056 Aug	226	0.0651	0.136	0.00398	43.2	0.0334	22	0.00117	0.000987	0.00000548	0.00329	0.000736	0.0194	0.00883	0.00000521	10.8	0.00000894	0.000194	0.00012	0.000935	0.0162
2056 Sep	227	0.0651	0.136	0.00398	43.2	0.0334	22	0.00117	0.000989	0.00000548	0.00329	0.000737	0.0194	0.00884	0.00000522	10.8	0.00000895	0.000194	0.00012	0.000936	0.0162
2056 Oct	226	0.0651	0.136	0.00398	43.2	0.0334	22	0.00117	0.000988	0.00000548	0.00329	0.000736	0.0194	0.00883	0.00000521	10.8	0.00000895	0.000194	0.00012	0.000935	0.0162
2056 Nov	226	0.0651	0.136	0.00398	43.2	0.0334	22	0.00117	0.000988	0.00000548	0.00329	0.000736	0.0194	0.00883	0.00000521	10.8	0.00000895	0.000194	0.00012	0.000935	0.0162
2056 Dec	226	0.0651	0.136	0.00398	43.2	0.0334	22	0.00117	0.000988	0.00000548	0.00329	0.000736	0.0194	0.00883	0.00000521	10.8	0.00000895	0.000194	0.00012	0.000935	0.0162
2057 Jan	226	0.0651	0.136	0.00398	43.2	0.0334	22	0.00117	0.000988	0.00000548	0.00329	0.000736	0.0194	0.00883	0.00000521	10.8	0.00000895	0.000194	0.00012	0.000935	0.0162
2057 Feb	226	0.0651	0.136	0.00398	43.2	0.0334	22	0.00117	0.000988	0.00000548	0.00329	0.000736	0.0194	0.00883	0.00000521	10.8	0.00000895	0.000194	0.00012	0.000935	0.0162
2057 Mar	226	0.0651	0.136	0.00398	43.2	0.0334	22	0.00117	0.000988	0.00000548	0.00329	0.000736	0.0194	0.00883	0.00000521	10.8	0.00000895	0.000194	0.00012	0.000935	0.0162
2057 Apr	226	0.0651	0.136	0.00398	43.2	0.0334	22	0.00117	0.000988	0.00000548	0.00329	0.000736	0.0194	0.00884	0.00000521	10.8	0.00000895	0.000194	0.00012	0.000935	0.0162
2057 May	227	0.0652	0.136	0.00398	43.2	0.0334	22	0.00117	0.000989	0.00000549	0.0033	0.000737	0.0194	0.00884	0.00000522	10.8	0.00000896	0.000194	0.00012	0.000936	0.0163
2057 Jun	225	0.0652	0.138	0.004	43	0.0335	22.2	0.00117	0.000987	0.00000547	0.0033	0.000749	0.0196	0.00886	0.00000521	10.9	0.000009	0.000201	0.00012	0.000937	0.0163
2057 Jul	225	0.0653	0.139	0.00402	43	0.0336	22.4	0.00118	0.000988	0.00000548	0.00331	0.000756	0.0198	0.00888	0.00000522	10.9	0.00000904	0.000204	0.00012	0.000939	0.0164
2057 Aug	226	0.0655	0.139	0.00403	43.2	0.0337	22.4	0.00118	0.000991	0.00000549	0.00332	0.000759	0.0198	0.00891	0.00000523	11	0.00000907	0.000205	0.000121	0.000942	0.0164
2057 Sep	226	0.0655	0.139	0.00404	43.2	0.0337	22.4	0.00118	0.000991	0.0000055	0.00332	0.000759	0.0198	0.00892	0.00000524	11	0.00000908	0.000205	0.000121	0.000942	0.0164
2057 Oct	226	0.0655	0.139	0.00404	43.2	0.0337	22.4	0.00118	0.000991	0.0000055	0.00332	0.000759	0.0198	0.00892	0.00000524	11	0.00000907	0.000205	0.000121	0.000942	0.0164
2057 Nov	226	0.0655	0.139	0.00404	43.2	0.0337	22.4	0.00118	0.000991	0.0000055	0.00332	0.000759	0.0198	0.00892	0.00000524	11	0.00000908	0.000205	0.000121	0.000942	0.0164
2057 Dec	226	0.0655	0.139	0.00404	43.2	0.0337	22.4	0.00118	0.000991	0.0000055	0.00332	0.000759	0.0198	0.00892	0.00000524	11	0.00000908	0.000205	0.000121	0.000942	0.0164
2058 Jan	226	0.0655	0.139	0.00404	43.2	0.0337	22.4	0.00118	0.000991	0.0000055	0.00332	0.000759	0.0198	0.00892	0.00000524	11	0.00000908	0.000205	0.000121	0.000942	0.0164
2058 Feb	226	0.0655	0.139	0.00404	43.2	0.0337	22.4	0.00118	0.000991	0.0000055	0.00332	0.000759	0.0198	0.00892	0.00000524	11	0.00000908	0.000205	0.000121	0.000942	0.0164
2058 Mar	226	0.0655	0.139	0.00404	43.2	0.0337	22.4	0.00118	0.000991	0.0000055	0.00332	0.000759	0.0198	0.00892	0.00000524	11	0.00000908	0.000205	0.000121	0.000942	0.0164
2058 Apr	226	0.0655	0.139	0.00404	43.2	0.0337	22.4	0.00118	0.000991	0.0000055	0.00332	0.000759	0.0198	0.00892	0.00000524	11	0.00000908	0.000205	0.000121	0.000942	0.0164
2058 May	226	0.0656	0.14	0.00404	43.2	0.0337	22.5	0.00119	0.000992	0.0000055	0.00332	0.000761	0.0199	0.00893	0.00000524	11	0.00000909	0.000206	0.000121	0.000943	0.0164
2058 Jun	224	0.0657	0.143	0.00409	42.9	0.0339	22.9	0.0012	0.000988	0.00000547	0.00334	0.000787	0.0204	0.00898	0.00000523	11.1	0.00000919	0.00022	0.000122	0.000946	0.0166
2058 Jul	224	0.0659	0.144	0.00411	42.9	0.034	23.1	0.0012	0.000989	0.00000548	0.00335	0.000797	0.0206	0.00901	0.00000524	11.2	0.00000924	0.000225	0.000122	0.000949	0.0166
2058 Aug	225	0.066	0.145	0.00412	43	0.034	23.2	0.00121	0.000991	0.00000549	0.00335	0.000799	0.0206	0.00903	0.00000525	11.2	0.00000925	0.000226	0.000122	0.00095	0.0167
2058 Sep	225	0.066	0.145	0.00412	43	0.0341	23.2	0.00121	0.000991	0.00000549	0.00335	0.000799	0.0206	0.00903	0.00000525	11.2	0.00000926	0.000226	0.000122	0.00095	0.0167
2058 Oct	225	0.066	0.145	0.00412	43	0.034	23.2	0.00121	0.000991	0.00000549	0.00335	0.000799	0.0206	0.00903	0.00000525	11.2	0.00000925	0.000226	0.000122	0.00095	0.0167
2058 Nov	225	0.066	0.145	0.00412	43	0.0341	23.2	0.00121	0.000991	0.00000549	0.00335	0.000799	0.0206	0.00903	0.00000525	11.2	0.00000926	0.000226	0.000122	0.00095	0.0167
2058 Dec	225	0.066	0.145	0.00412	43	0.0341	23.2	0.00121	0.000991	0.00000549	0.00335	0.000799	0.0206	0.00903	0.00000525	11.2	0.00000926	0.000226	0.000122	0.00095	0.0167
2059 Jan	225	0.066	0.145	0.00412	43	0.0341	23.2	0.00121	0.000991	0.00000549	0.00335	0.000799	0.0206	0.00903	0.00000525	11.2	0.00000926	0.000226	0.000122	0.00095	0.0167
2059 Feb	225	0.066	0.145	0.00412	43	0.0341	23.2	0.00121	0.000991	0.00000549	0.00335	0.000799	0.0206	0.00903	0.00000525	11.2	0.00000926	0.000226	0.000122	0.00095	0.0167
2059 Mar	225	0.066	0.145	0.00412	43	0.0341	23.2	0.00121	0.000991	0.00000549	0.00335	0.000799	0.0206	0.00903	0.00000525	11.2	0.00000926	0.000226	0.000122	0.00095	0.0167
2059 Apr	225	0.066	0.145	0.00412	43	0.0341	23.2	0.00121	0.000991	0.00000549	0.00335	0.000799	0.0206	0.00903	0.00000525	11.2	0.00000926	0.000226	0.000122	0.000951	0.0167
2059 May	225	0.066	0.145	0.00412	43	0.0341	23.2	0.00121	0.000991	0.00000549	0.00336	0.000799	0.0206	0.00903	0.00000525	11.2	0.00000926	0.000226	0.000123	0.000951	0.0167
2059 Jun	225	0.066	0.145	0.00413	43	0.0341	23.2	0.00121	0.000991	0.00000549	0.00336	0.000802	0.0207	0.00904	0.00000525	11.2	0.00000927	0.000227	0.000123	0.000951	0.0167
2059 Jul	225	0.0662	0.146	0.00414	43.1	0.0342	23.3	0.00121	0.000994	0.00000551	0.00337	0.000805	0.0207	0.00907	0.00000527	11.2	0.0000093	0.000228	0.000123	0.000954	0.0168
2059 Aug	226	0.0664	0.146	0.00415	43.2	0.0343	23.3	0.00121	0.000996	0.00000552	0.00338	0.000807	0.0208	0.00909	0.00000528	11.3	0.00000932	0.000229	0.000123	0.000956	0.0168
2059 Sep	226	0.0664	0.146	0.00415	43.2	0.0343	23.3	0.00121	0.000996	0.00000552	0.00338	0.000807	0.0208	0.0091	0.00000528	11.3	0.00000933	0.000229	0.000123	0.000957	0.0168
2059 Oct	225	0.0663	0.146	0.00414	43.1	0.0342	23.3	0.00121	0.000995	0.00000551	0.00337	0.000806	0.0208	0.00908	0.00000527	11.3	0.00000931	0.000229	0.000123	0.000955	0.0168
2059 Nov	225	0.0663	0.146	0.00414	43.1	0.0342	23.3	0.00121	0.000995	0.00000551	0.00337	0.000806	0.0208	0.00908	0.00000527	11.3	0.00000931	0.000229	0.000123	0.000955	0.0168
2059 Dec	225	0.0663	0.146	0.00414	43.1	0.0342	23.3	0.00121	0.000995	0.00000551	0.00337	0.000806	0.0208	0.00908	0.00000527	11.3	0.00000931	0.000229	0.000123	0.000955	0.0168
2060 Jan	225	0.0663	0.146	0.00414	43.1	0.0342	23.3	0.00121	0.000995	0.00000551	0.00337	0.000806	0.0208	0.00908	0.00000527	11.3	0.00000931	0.000229	0.000123	0.000955	0.0168
2060 Feb	225	0.0663	0.146	0.00414	43.1	0.0342	23.3	0.00121	0.000995	0.00000551	0.00337	0.000806	0.0208	0.00908	0.00000527	11.3	0.00000931	0.000229	0.000123	0.000955	0.0168
2060 Mar	225	0.0663	0.146	0.00414	43.1	0.0342	23.3	0.00121	0.000995	0.00000551	0.00337	0.000806	0.0208	0.00908	0.00000527	11.3	0.00000931	0.000229	0.000123	0.000955	0.0168
2060 Apr	225	0.0663	0.146	0.00415	43.1	0.0342	23.3	0.00121	0.000995	0.00000551	0.00337	0.000806	0.0208	0.00908	0.00000527	11.3	0.00000931	0.000229	0.000123	0.000955	0.0168
2060 May	226	0.0663	0.146	0.00415	43.1	0.0342	23.3	0.00121	0.000995	0.00000551	0.00337	0.000806	0.0208	0.00909	0.00000528	11.3	0.00000932	0.000229	0.000123	0.000955	0.0168
2060 Jun	224	0.0664	0.148	0.00418	43	0.0343	23.6	0.00122	0.000993	0.0000055	0.00338	0.000822	0.0211	0.00912	0.00000527	11.3	0.00000938	0.000238	0.000124	0.000957	0.0169
2060 Jul	225	0.0666	0.149	0.0042	43.1	0.0345	23.7	0.00123	0.000996	0.00000552	0.00339	0.000828	0.0212	0.00916	0.00000529	11.4	0.00000943	0.00024	0.000124	0.000961	0.0169
2060 Aug	225	0.0667	0.149	0.0042	43.1	0.0345	23.7	0.00123	0.000997	0.00000552	0.0034	0.000829	0.0212	0.00917	0.00000529	11.4	0.00000944	0.00024	0.000124	0.000962	0.017
2060 Sep	225	0.0666	0.148	0.00419	43	0.0344	23.7	0.00123	0.000995	0.00000551	0.00339	0.000828	0.0212	0.00915	0.00000529	11.4	0.00000942	0.00024	0.000124	0.00096	0.0169
2060 Oct	225	0.0666	0.149	0.0042	43	0.0345	23.7	0.00123	0.000995	0.00000551	0.00339	0.000829	0.0212	0.00915	0.00000528	11.4	0.00000943	0.000241	0.000124	0.00096	0.0169
2060 Nov	225	0.0666	0.149	0.0042	43	0.0345	23.8	0.00123	0.000995	0.00000551	0.00339	0.000831	0.0213	0.00916	0.00000528	11.4	0.00000943	0.000242	0.000124	0.000961	0.0169
2060 Dec	225	0.0666	0.149	0.0042	43	0.0345	23.8	0.00123	0.000995	0.00000551	0.00339	0.000831	0.0213	0.00916	0.00000528	11.4	0.00000943	0.000242	0.000124	0.000961	0.0169
2061 Jan	225	0.0666	0.149	0.0042	43	0.0345	23.8	0.00123	0.000995	0.00000551	0.00339	0.000831	0.0213	0.00916	0.00000528	11.4	0.00000943	0.000242	0.000124	0.000961	0.0169
2061 Feb	225	0.0666	0.149	0.0042	43	0.0345	23.8	0.00123	0.000995	0.00000551	0.00339	0.000831	0.0213	0.00916	0.00000528	11.4	0.00000943	0.000242	0.000124	0.000961	0.0169
2061 Mar	225	0.0666	0.149	0.0042	43	0.0345	23.8	0.00123	0.000995	0.00000551	0.00339	0.000831	0.0213	0.00916	0.00000528	11.4	0.00000943	0.000242	0.000124	0.000961	0.0169
2061 Apr	225	0.0666	0.149	0.0042	43	0.0345	23.8	0.00123	0.000995	0.00000551	0.0034	0.000831	0.0213	0.00916	0.00000529	11.4	0.00000943	0.000242	0.000124	0.000961	0.0169
2061 May	225	0.0668	0.15	0.00422	43	0.0346	23.9	0.00123	0.000995	0.00000551	0.0034	0.000838	0.0214	0.00918	0.00000529	11.4	0.00000947	0.000246	0.000125	0.000963	0.017
2061 Jun	223	0.0671	0.155	0.00429	42.7	0.0349	24.7	0.00125	0.000992	0.00000549	0.00343	0.000878	0.0222	0.00926	0.00000529	11.7	0.00000964	0.000268	0.000126	0.000969	0.0172
2061 Jul	223	0.0673	0.155	0.00431	42.8	0.035	24.8	0.00126	0.000994	0.00000551	0.00344	0.000885	0.0224	0.00929	0.0000053	11.7	0.00000968	0.000271	0.000127	0.000973	0.0172
2061 Aug	224	0.0674	0.156	0.00432	42.9	0.0351	24.9	0.00126	0.000996	0.00000552	0.00344	0.000887	0.0224	0.00931	0.00000531	11.7	0.0000097	0.000272	0.000127	0.000975	0.0173
2061 Sep	224	0.0675	0.156	0.00432	42.9	0.0351	24.9	0.00126	0.000997	0.00000552	0.00345	0.000887	0.0225	0.00932	0.00000532	11.7	0.00000971	0.000272	0.000127	0.000976	0.0173
2061 Oct	224	0.0674	0.156	0.00432	42.8	0.0351	24.8	0.00126	0.000996	0.00000551	0.00344	0.000886	0.0224	0.00931	0.00000531	11.7	0.0000097	0.000272	0.000127	0.000974	0.0173
2061 Nov	224	0.0674	0.156	0.00432	42.8	0.0351	24.8	0.00126	0.000996	0.00000551	0.00344	0.000886	0.0224	0.00931	0.00000531	11.7	0.00000969	0.000272	0.000127	0.000974	0.0173
2061 Dec	224	0.0674	0.156	0.00432	42.8	0.0351	24.8	0.00126	0.000996	0.00000551	0.00344	0.000886	0.0224	0.00931	0.00000531	11.7	0.00000969	0.000272	0.000127	0.000974	0.0173
2062 Jan	224	0.0674	0.156	0.00432	42.8	0.0351	24.8	0.00126	0.000996	0.00000551	0.00344	0.000886	0.0224	0.00931	0.00000531	11.7	0.00000969	0.000272	0.000127	0.000974	0.0173
2062 Feb	224	0.0674	0.156	0.00432	42.8	0.0351	24.8	0.00126	0.000996	0.00000551	0.00344	0.000886	0.0224	0.00931	0.00000531	11.7	0.00000969	0.000272	0.000127	0.000974	0.0173
2062 Mar	224	0.0674	0.156	0.00432	42.8	0.0351	24.8	0.00126	0.000996	0.00000551	0.00344	0.000886	0.0224	0.00931	0.00000531	11.7	0.00000969	0.000272	0.000127	0.000974	0.0173
2062 Apr	224	0.0674	0.156	0.00432	42.8	0.0351	24.8	0.00126	0.000996	0.00000551	0.00344	0.000886	0.0224	0.00931	0.00000531	11.7	0.0000097	0.000272	0.000127	0.000974	0.0173
2062 May	224	0.0674	0.156	0.00432	42.9	0.0351	24.9	0.00126	0.000996	0.00000552	0.00344	0.000887	0.0224	0.00931	0.00000531	11.7	0.0000097	0.000272	0.000127	0.000975	0.0173
2062 Jun	223	0.0675	0.158	0.00435	42.7	0.0352	25.1	0.00127	0.000995	0.00000551	0.00345	0.000902	0.0228	0.00934	0.00000531	11.8	0.00000977	0.000281	0.000127	0.000977	0.0173
2062 Jul	223	0.0677	0.16	0.00439	42.7	0.0354	25.5	0.00128	0.000995	0.00000551	0.00347	0.000921	0.0232	0.00939	0.00000532	11.9	0.00000986	0.000291	0.000128	0.000982	0.0174

Appendix D.3-3: WES

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2062 Aug	223	0.0678	0.16	0.00439	42.7	0.0354	25.5	0.00128	0.000995	0.00000551	0.00347	0.000921	0.0232	0.00939	0.00000532	11.9	0.00000987	0.000292	0.000128	0.000982	0.0174
2062 Sep	223	0.0678	0.16	0.00439	42.7	0.0354	25.5	0.00128	0.000995	0.00000551	0.00347	0.000923	0.0232	0.00939	0.00000532	11.9	0.00000987	0.000292	0.000128	0.000982	0.0174
2062 Oct	222	0.068	0.163	0.00445	42.4	0.0357	26.1	0.00129	0.000991	0.00000549	0.00349	0.000954	0.0239	0.00944	0.00000532	12.1	0.00000999	0.00031	0.000129	0.000987	0.0175
2062 Nov	222	0.068	0.163	0.00445	42.4	0.0357	26.2	0.0013	0.000991	0.00000549	0.00349	0.000955	0.0239	0.00944	0.00000532	12.1	0.00001	0.000311	0.000129	0.000988	0.0175
2062 Dec	222	0.068	0.163	0.00445	42.4	0.0357	26.2	0.0013	0.000991	0.00000549	0.00349	0.000956	0.0239	0.00944	0.00000532	12.1	0.00001	0.000311	0.000129	0.000988	0.0175
2063 Jan	222	0.068	0.163	0.00445	42.4	0.0357	26.2	0.0013	0.000991	0.00000549	0.00349	0.000956	0.0239	0.00944	0.00000532	12.1	0.00001	0.000311	0.000129	0.000988	0.0175
2063 Feb	222	0.068	0.163	0.00445	42.4	0.0357	26.2	0.0013	0.000991	0.00000549	0.00349	0.000956	0.0239	0.00944	0.00000532	12.1	0.00001	0.000311	0.000129	0.000988	0.0175
2063 Mar	222	0.068	0.163	0.00445	42.4	0.0357	26.2	0.0013	0.000992	0.00000549	0.00349	0.000956	0.0239	0.00944	0.00000532	12.1	0.00001	0.000311	0.000129	0.000988	0.0175
2063 Apr	222	0.068	0.164	0.00445	42.4	0.0357	26.2	0.0013	0.000992	0.00000549	0.00349	0.000956	0.0239	0.00944	0.00000532	12.1	0.00001	0.000311	0.000129	0.000988	0.0175
2063 May	222	0.0681	0.164	0.00446	42.4	0.0357	26.2	0.0013	0.000992	0.00000549	0.00349	0.000958	0.024	0.00946	0.00000532	12.1	0.00001	0.000313	0.000129	0.000989	0.0176
2063 Jun	220	0.0686	0.171	0.00457	42	0.0363	27.5	0.00133	0.000987	0.00000547	0.00353	0.00102	0.0254	0.00959	0.00000532	12.5	0.0000103	0.00035	0.000131	0.001	0.0179
2063 Jul	219	0.0688	0.173	0.0046	42	0.0365	27.8	0.00134	0.000987	0.00000547	0.00355	0.00104	0.0258	0.00963	0.00000533	12.6	0.0000104	0.00036	0.000132	0.00101	0.0179
2063 Aug	220	0.069	0.173	0.00461	42.1	0.0366	27.9	0.00134	0.000989	0.00000548	0.00355	0.00104	0.0258	0.00965	0.00000534	12.6	0.0000104	0.000361	0.000132	0.00101	0.018
2063 Sep	220	0.069	0.173	0.00462	42.1	0.0366	27.9	0.00134	0.00099	0.00000548	0.00356	0.00104	0.0258	0.00965	0.00000535	12.6	0.0000104	0.000361	0.000133	0.00101	0.018
2063 Oct	220	0.069	0.173	0.00461	42.1	0.0366	27.9	0.00134	0.000989	0.00000548	0.00355	0.00104	0.0258	0.00965	0.00000534	12.6	0.0000104	0.000361	0.000132	0.00101	0.018
2063 Nov	220	0.069	0.173	0.00461	42.1	0.0366	27.9	0.00134	0.000989	0.00000548	0.00355	0.00104	0.0258	0.00965	0.00000534	12.6	0.0000104	0.000361	0.000132	0.00101	0.018
2063 Dec	220	0.069	0.173	0.00461	42.1	0.0366	27.9	0.00134	0.000989	0.00000548	0.00355	0.00104	0.0258	0.00965	0.00000534	12.6	0.0000104	0.000361	0.000132	0.00101	0.018
2064 Jan	220	0.069	0.173	0.00461	42.1	0.0366	27.9	0.00134	0.000989	0.00000548	0.00355	0.00104	0.0258	0.00965	0.00000534	12.6	0.0000104	0.000361	0.000132	0.00101	0.018
2064 Feb	220	0.069	0.173	0.00461	42.1	0.0366	27.9	0.00134	0.000989	0.00000548	0.00355	0.00104	0.0258	0.00965	0.00000534	12.6	0.0000104	0.000361	0.000132	0.00101	0.018
2064 Mar	220	0.069	0.173	0.00461	42.1	0.0366	27.9	0.00134	0.000989	0.00000548	0.00355	0.00104	0.0258	0.00965	0.00000534	12.6	0.0000104	0.000361	0.000132	0.00101	0.018
2064 Apr	220	0.069	0.173	0.00461	42.1	0.0366	27.9	0.00134	0.000989	0.00000548	0.00355	0.00104	0.0258	0.00965	0.00000534	12.6	0.0000104	0.000361	0.000132	0.00101	0.018
2064 May	220	0.0691	0.174	0.00463	42.1	0.0367	28	0.00135	0.00099	0.00000548	0.00356	0.00105	0.026	0.00967	0.00000535	12.6	0.0000104	0.000364	0.000133	0.00101	0.018
2064 Jun	219	0.0695	0.179	0.00471	41.8	0.0372	29	0.00137	0.000986	0.00000546	0.00359	0.0011	0.0271	0.00978	0.00000535	12.9	0.0000107	0.000394	0.000135	0.00102	0.0182
2064 Jul	219	0.0696	0.179	0.00473	41.9	0.0372	29.1	0.00137	0.000988	0.00000547	0.0036	0.0011	0.0272	0.0098	0.00000536	13	0.0000107	0.000396	0.000135	0.00102	0.0183
2064 Aug	219	0.0697	0.179	0.00473	41.9	0.0373	29.1	0.00138	0.000989	0.00000548	0.0036	0.0011	0.0272	0.00981	0.00000537	13	0.0000107	0.000396	0.000135	0.00102	0.0183
2064 Sep	219	0.0696	0.179	0.00473	41.9	0.0373	29.1	0.00138	0.000988	0.00000547	0.0036	0.0011	0.0272	0.0098	0.00000536	13	0.0000107	0.000396	0.000135	0.00102	0.0183
2064 Oct	219	0.0697	0.179	0.00473	41.9	0.0373	29.1	0.00138	0.000988	0.00000548	0.0036	0.0011	0.0272	0.00981	0.00000536	13	0.0000107	0.000396	0.000135	0.00102	0.0183
2064 Nov	219	0.0697	0.179	0.00473	41.9	0.0373	29.1	0.00138	0.000989	0.00000548	0.0036	0.0011	0.0272	0.00981	0.00000537	13	0.0000107	0.000396	0.000135	0.00102	0.0183
2064 Dec	219	0.0697	0.179	0.00473	41.9	0.0373	29.1	0.00138	0.000989	0.00000548	0.0036	0.0011	0.0272	0.00981	0.00000537	13	0.0000107	0.000396	0.000135	0.00102	0.0183
2065 Jan	219	0.0697	0.179	0.00473	41.9	0.0373	29.1	0.00138	0.000989	0.00000548	0.0036	0.0011	0.0272	0.00981	0.00000537	13	0.0000107	0.000396	0.000135	0.00102	0.0183
2065 Feb	219	0.0697	0.179	0.00473	41.9	0.0373	29.1	0.00138	0.000989	0.00000548	0.0036	0.0011	0.0272	0.00981	0.00000537	13	0.0000107	0.000396	0.000135	0.00102	0.0183
2065 Mar	219	0.0697	0.179	0.00473	41.9	0.0373	29.1	0.00138	0.000989	0.00000548	0.0036	0.0011	0.0272	0.00981	0.00000537	13	0.0000107	0.000396	0.000135	0.00102	0.0183
2065 Apr	219	0.0697	0.179	0.00473	41.9	0.0373	29.1	0.00138	0.000989	0.00000548	0.0036	0.0011	0.0272	0.00981	0.00000537	13	0.0000107	0.000396	0.000135	0.00102	0.0183
2065 May	219	0.0697	0.179	0.00473	41.9	0.0373	29.1	0.00138	0.000989	0.00000548	0.0036	0.0011	0.0272	0.00982	0.00000537	13	0.0000107	0.000396	0.000135	0.00102	0.0183
2065 Jun	219	0.0699	0.182	0.00478	41.8	0.0376	29.7	0.00139	0.000987	0.00000547	0.00362	0.00113	0.0279	0.00988	0.00000537	13.1	0.0000108	0.000414	0.000136	0.00103	0.0184
2065 Jul	219	0.0702	0.184	0.00481	41.8	0.0378	30	0.0014	0.000989	0.00000548	0.00364	0.00115	0.0282	0.00992	0.00000539	13.2	0.0000109	0.000421	0.000137	0.00104	0.0185
2065 Aug	220	0.0704	0.184	0.00482	41.9	0.0379	30.1	0.0014	0.000991	0.00000549	0.00365	0.00115	0.0283	0.00994	0.0000054	13.3	0.0000109	0.000422	0.000137	0.00104	0.0186
2065 Sep	219	0.0703	0.184	0.00482	41.9	0.0378	30	0.0014	0.00099	0.00000549	0.00364	0.00115	0.0282	0.00993	0.00000539	13.2	0.0000109	0.000421	0.000137	0.00104	0.0185
2065 Oct	219	0.0703	0.184	0.00483	41.8	0.0379	30.2	0.0014	0.000988	0.00000548	0.00364	0.00116	0.0284	0.00994	0.00000538	13.3	0.0000109	0.000427	0.000137	0.00104	0.0185
2065 Nov	219	0.0703	0.185	0.00483	41.7	0.0379	30.3	0.00141	0.000988	0.00000548	0.00365	0.00116	0.0285	0.00994	0.00000539	13.3	0.000011	0.000429	0.000137	0.00104	0.0186
2065 Dec	219	0.0703	0.185	0.00483	41.7	0.0379	30.3	0.00141	0.000988	0.00000548	0.00365	0.00116	0.0285	0.00994	0.00000539	13.3	0.000011	0.000429	0.000138	0.00104	0.0186
2066 Jan	219	0.0703	0.185	0.00483	41.7	0.0379	30.3	0.00141	0.000988	0.00000548	0.00365	0.00116	0.0285	0.00994	0.00000539	13.3	0.000011	0.000429	0.000138	0.00104	0.0186
2066 Feb	219	0.0703	0.185	0.00483	41.8	0.0379	30.3	0.00141	0.000988	0.00000548	0.00365	0.00116	0.0285	0.00994	0.00000539	13.3	0.000011	0.000429	0.000138	0.00104	0.0186
2066 Mar	219	0.0703	0.185	0.00483	41.8	0.0379	30.3	0.00141	0.000988	0.00000548	0.00365	0.00116	0.0285	0.00994	0.00000539	13.3	0.000011	0.000429	0.000138	0.00104	0.0186
2066 Apr	219	0.0703	0.185	0.00483	41.8	0.0379	30.3	0.00141	0.000988	0.00000548	0.00365	0.00116	0.0285	0.00995	0.00000539	13.3	0.000011	0.000429	0.000138	0.00104	0.0186
2066 May	219	0.0704	0.185	0.00484	41.8	0.0379	30.3	0.00141	0.000989	0.00000548	0.00365	0.00116	0.0285	0.00995	0.00000539	13.3	0.000011	0.000429	0.000138	0.00104	0.0186
2066 Jun	218	0.0707	0.189	0.00491	41.5	0.0384	31.2	0.00143	0.000986	0.00000547	0.00368	0.00121	0.0296	0.0101	0.0000054	13.6	0.0000112	0.000457	0.000139	0.00105	0.0188
2066 Jul	218	0.0711	0.191	0.00495	41.6	0.0387	31.6	0.00144	0.000988	0.00000548	0.0037	0.00122	0.03	0.0101	0.00000542	13.7	0.0000113	0.000467	0.00014	0.00106	0.0189
2066 Aug	219	0.0712	0.191	0.00496	41.7	0.0388	31.7	0.00145	0.00099	0.00000549	0.00371	0.00123	0.0301	0.0101	0.00000543	13.7	0.0000113	0.000468	0.000141	0.00106	0.0189
2066 Sep	219	0.0713	0.191	0.00496	41.7	0.0388	31.7	0.00145	0.000991	0.00000549	0.00371	0.00123	0.0301	0.0101	0.00000543	13.7	0.0000113	0.000468	0.000141	0.00106	0.0189
2066 Oct	219	0.0712	0.191	0.00496	41.7	0.0387	31.7	0.00144	0.00099	0.00000549	0.00371	0.00122	0.0301	0.0101	0.00000542	13.7	0.0000113	0.000467	0.000141	0.00106	0.0189
2066 Nov	219	0.0712	0.191	0.00496	41.7	0.0387	31.7	0.00144	0.00099	0.00000549	0.00371	0.00122	0.0301	0.0101	0.00000542	13.7	0.0000113	0.000467	0.000141	0.00106	0.0189
2066 Dec	219	0.0712	0.191	0.00496	41.7	0.0387	31.7	0.00144	0.00099	0.00000549	0.00371	0.00122	0.0301	0.0101	0.00000542	13.7	0.0000113	0.000467	0.000141	0.00106	0.0189
2067 Jan	219	0.0712	0.191	0.00496	41.7	0.0387	31.7	0.00144	0.00099	0.00000549	0.00371	0.00122	0.0301	0.0101	0.00000542	13.7	0.0000113	0.000467	0.000141	0.00106	0.0189
2067 Feb	219	0.0712	0.191	0.00496	41.7	0.0387	31.7	0.00144	0.00099	0.00000549	0.00371	0.00122	0.0301	0.0101	0.00000542	13.7	0.0000113	0.000467	0.000141	0.00106	0.0189
2067 Mar	219	0.0712	0.191	0.00496	41.7	0.0387	31.7	0.00144	0.00099	0.00000549	0.00371	0.00123	0.0301	0.0101	0.00000542	13.7	0.0000113	0.000467	0.000141	0.00106	0.0189
2067 Apr	219	0.0712	0.191	0.00496	41.7	0.0387	31.7	0.00144	0.00099	0.00000549	0.00371	0.00123	0.0301	0.0101	0.00000542	13.7	0.0000113	0.000467	0.000141	0.00106	0.0189
2067 May	219	0.0713	0.191	0.00496	41.7	0.0388	31.7	0.00145	0.000991	0.00000549	0.00371	0.00123	0.0301	0.0101	0.00000543	13.7	0.0000113	0.000468	0.000141	0.00106	0.0189
2067 Jun	218	0.0712	0.192	0.00497	41.6	0.0388	31.8	0.00145	0.000989	0.00000549	0.00371	0.00123	0.0302	0.0101	0.00000542	13.8	0.0000113	0.000472	0.000141	0.00106	0.019
2067 Jul	219	0.0714	0.193	0.00498	41.7	0.0389	31.9	0.00145	0.000992	0.0000055	0.00372	0.00124	0.0303	0.0102	0.00000544	13.8	0.0000114	0.000474	0.000141	0.00106	0.019
2067 Aug	219	0.0715	0.193	0.00499	41.8	0.039	32	0.00145	0.000993	0.00000551	0.00373	0.00124	0.0304	0.0102	0.00000544	13.8	0.0000114	0.000475	0.000142	0.00106	0.0191
2067 Sep	219	0.0716	0.193	0.00499	41.8	0.039	32	0.00145	0.000993	0.00000551	0.00373	0.00124	0.0304	0.0102	0.00000545	13.8	0.0000114	0.000475	0.000142	0.00106	0.0191
2067 Oct	219	0.0715	0.193	0.00499	41.8	0.0389	31.9	0.00145	0.000992	0.0000055	0.00373	0.00124	0.0303	0.0102	0.00000544	13.8	0.0000114	0.000474	0.000141	0.00106	0.019
2067 Nov	219	0.0715	0.193	0.00499	41.7	0.0389	31.9	0.00145	0.000992	0.0000055	0.00373	0.00124	0.0303	0.0102	0.00000544	13.8	0.0000114	0.000474	0.000141	0.00106	0.019
2067 Dec	219	0.0715	0.193	0.00499	41.7	0.0389	31.9	0.00145	0.000992	0.0000055	0.00373	0.00124	0.0303	0.0102	0.00000544	13.8	0.0000114	0.000474	0.000141	0.00106	0.019
2068 Jan	219	0.0715	0.193	0.00499	41.8	0.0389	31.9	0.00145	0.000992	0.0000055	0.00373	0.00124	0.0303	0.0102	0.00000544	13.8	0.0000114	0.000474	0.000141	0.00106	0.019
2068 Feb	219	0.0715	0.193	0.00499	41.8	0.0389	31.9	0.00145	0.000992	0.0000055	0.00373	0.00124	0.0303	0.0102	0.00000544	13.8	0.0000114	0.000474	0.000141	0.00106	0.019
2068 Mar	219	0.0715	0.193	0.00499	41.8	0.039	31.9	0.00145	0.000992	0.0000055	0.00373	0.00124	0.0303	0.0102	0.00000544	13.8	0.0000114	0.000474	0.000141	0.00106	0.019
2068 Apr	219	0.0715	0.193	0.00499	41.8	0.039	31.9	0.00145	0.000993	0.00000551	0.00373	0.00124	0.0304	0.0102	0.00000544	13.8	0.0000114	0.000474	0.000142	0.00106	0.0191
2068 May	219	0.0716	0.193	0.00499	41.8	0.039	32	0.00145	0.000993	0.00000551	0.00373	0.00124	0.0304	0.0102	0.00000545	13.8	0.0000114	0.000475	0.000142	0.00106	0.0191
2068 Jun	218	0.072	0.198	0.00508	41.4	0.0396	33.2	0.00148	0.000988	0.00000548	0.00377	0.0013	0.0318	0.0103	0.00000545	14.2	0.0000117	0.000512	0.000144	0.00108	0.0193
2068 Jul	218	0.0721	0.199	0.0051	41.5	0.0397	33.4	0.00149	0.000989	0.00000549	0.00378	0.00131	0.032	0.0104	0.00000546	14.2	0.0000117	0.000517	0.000145	0.00108	0.0194
2068 Aug	219	0.0723	0.199	0.00511	41.6	0.0398	33.5	0.00149	0.000992	0.00000551	0.00379	0.00131	0.0321	0.0104	0.00000547	14.3	0.0000117	0.000518	0.000145	0.00108	0.0194
2068 Sep	219	0.0723	0.199	0.00511	41.6	0.0398	33.5	0.00149	0.000992	0.00000551	0.00379	0.00131	0.0321	0.0104	0.00000547	14.3	0.0000117	0.000518	0.000145	0.00108	0.0194
2068 Oct	219	0.0723	0.199	0.00511	41.6	0.0398	33.5	0.00149	0.000992	0.00000551	0.00379	0.00131	0.0321	0.0104	0.00000547	14.3	0.0000117	0.000518	0.000145	0.00108	0.0194
2068 Nov	219	0.0723	0.199	0.00512	41.6	0.0398	33.5	0.00149	0.000992	0.00000551	0.00379	0.00131	0.0321	0.0104	0.00000547	14.3	0.0000117	0.000518	0.000145	0.00108	0.0195
2068 Dec	219	0.0723	0.199	0.00512	41.6	0.0398	33.5	0.00149	0.000992	0.00000551	0.00379	0.00131	0.0321	0.0104	0.00000547	14.3	0.0000117	0.000518	0.000145	0.00108	0.0195

Appendix D.3-3: WES

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2069 Jan	219	0.0723	0.199	0.00512	41.6	0.0398	33.5	0.00149	0.000992	0.00000551	0.00379	0.00131	0.0321	0.0104	0.00000547	14.3	0.0000117	0.000518	0.000145	0.00108	0.0195
2069 Feb	219	0.0723	0.199	0.00512	41.6	0.0398	33.5	0.00149	0.000992	0.00000551	0.00379	0.00131	0.0321	0.0104	0.00000547	14.3	0.0000117	0.000518	0.000145	0.00108	0.0195
2069 Mar	219	0.0723	0.199	0.00512	41.6	0.0398	33.5	0.00149	0.000992	0.00000551	0.00379	0.00131	0.0321	0.0104	0.00000547	14.3	0.0000117	0.000518	0.000145	0.00108	0.0195
2069 Apr	219	0.0723	0.199	0.00512	41.6	0.0398	33.5	0.00149	0.000992	0.00000551	0.00379	0.00131	0.0321	0.0104	0.00000547	14.3	0.0000117	0.000519	0.000145	0.00108	0.0195
2069 May	219	0.0724	0.199	0.00512	41.6	0.0399	33.5	0.00149	0.000993	0.00000551	0.00379	0.00131	0.0321	0.0104	0.00000548	14.3	0.0000118	0.000519	0.000145	0.00108	0.0195
2069 Jun	219	0.0724	0.2	0.00514	41.5	0.04	33.8	0.0015	0.000991	0.0000055	0.0038	0.00133	0.0324	0.0104	0.00000547	14.4	0.0000118	0.000528	0.000146	0.00109	0.0195
2069 Jul	219	0.0727	0.202	0.00516	41.6	0.0402	34.1	0.00151	0.000993	0.00000551	0.00382	0.00134	0.0327	0.0105	0.00000549	14.4	0.0000119	0.000535	0.000146	0.00109	0.0196
2069 Aug	219	0.0728	0.202	0.00517	41.6	0.0402	34.1	0.00151	0.000995	0.00000552	0.00382	0.00134	0.0328	0.0105	0.0000055	14.5	0.0000119	0.000535	0.000146	0.00109	0.0196
2069 Sep	219	0.0727	0.202	0.00517	41.6	0.0402	34.1	0.00151	0.000993	0.00000552	0.00382	0.00134	0.0328	0.0105	0.00000549	14.5	0.0000119	0.000536	0.000146	0.00109	0.0196
2069 Oct	219	0.0727	0.203	0.00519	41.5	0.0403	34.4	0.00151	0.000991	0.00000551	0.00382	0.00135	0.0331	0.0105	0.00000549	14.5	0.000012	0.000544	0.000147	0.00109	0.0197
2069 Nov	219	0.0728	0.203	0.00519	41.5	0.0404	34.4	0.00152	0.000991	0.00000551	0.00383	0.00136	0.0332	0.0105	0.00000549	14.5	0.000012	0.000546	0.000147	0.00109	0.0197
2069 Dec	219	0.0728	0.203	0.00519	41.5	0.0404	34.4	0.00152	0.000991	0.00000551	0.00383	0.00136	0.0332	0.0105	0.00000549	14.6	0.000012	0.000546	0.000147	0.0011	0.0197
2070 Jan	219	0.0728	0.203	0.00519	41.5	0.0404	34.4	0.00152	0.000991	0.00000551	0.00383	0.00136	0.0332	0.0105	0.00000549	14.6	0.000012	0.000546	0.000147	0.0011	0.0197
2070 Feb	219	0.0728	0.203	0.00519	41.5	0.0404	34.4	0.00152	0.000991	0.00000551	0.00383	0.00136	0.0332	0.0105	0.00000549	14.6	0.000012	0.000546	0.000147	0.0011	0.0197
2070 Mar	219	0.0728	0.203	0.00519	41.5	0.0404	34.4	0.00152	0.000991	0.00000551	0.00383	0.00136	0.0332	0.0105	0.00000549	14.6	0.000012	0.000546	0.000147	0.0011	0.0197
2070 Apr	219	0.0728	0.203	0.00519	41.5	0.0404	34.4	0.00152	0.000992	0.00000551	0.00383	0.00136	0.0332	0.0105	0.00000549	14.6	0.000012	0.000546	0.000147	0.0011	0.0197
2070 May	219	0.0729	0.203	0.0052	41.5	0.0404	34.5	0.00152	0.000992	0.00000551	0.00383	0.00136	0.0333	0.0105	0.00000549	14.6	0.000012	0.000548	0.000147	0.0011	0.0197
2070 Jun	218	0.0731	0.206	0.00525	41.4	0.0408	35.2	0.00153	0.000991	0.0000055	0.00385	0.00139	0.034	0.0106	0.0000055	14.8	0.0000121	0.000567	0.000149	0.0011	0.0199
2070 Jul	219	0.0733	0.206	0.00526	41.4	0.0409	35.3	0.00154	0.000993	0.00000552	0.00386	0.0014	0.0341	0.0106	0.00000551	14.8	0.0000122	0.000569	0.000149	0.00111	0.0199
2070 Aug	219	0.0734	0.207	0.00527	41.5	0.0409	35.3	0.00154	0.000994	0.00000552	0.00387	0.0014	0.0342	0.0106	0.00000552	14.8	0.0000122	0.00057	0.000149	0.00111	0.0199
2070 Sep	219	0.0733	0.207	0.00526	41.5	0.0409	35.3	0.00154	0.000994	0.00000552	0.00387	0.0014	0.0341	0.0106	0.00000552	14.8	0.0000122	0.00057	0.000149	0.00111	0.0199
2070 Oct	219	0.0733	0.207	0.00526	41.4	0.0409	35.3	0.00154	0.000993	0.00000552	0.00386	0.0014	0.0342	0.0106	0.00000551	14.8	0.0000122	0.00057	0.000149	0.00111	0.0199
2070 Nov	219	0.0733	0.207	0.00526	41.4	0.0409	35.3	0.00154	0.000993	0.00000552	0.00386	0.0014	0.0342	0.0106	0.00000551	14.8	0.0000122	0.000571	0.000149	0.00111	0.0199
2070 Dec	219	0.0733	0.207	0.00526	41.4	0.0409	35.3	0.00154	0.000993	0.00000552	0.00386	0.0014	0.0342	0.0106	0.00000551	14.8	0.0000122	0.000571	0.000149	0.00111	0.0199
2071 Jan	219	0.0733	0.207	0.00526	41.4	0.0409	35.3	0.00154	0.000993	0.00000552	0.00386	0.0014	0.0342	0.0106	0.00000551	14.8	0.0000122	0.000571	0.000149	0.00111	0.0199
2071 Feb	219	0.0733	0.207	0.00526	41.4	0.0409	35.3	0.00154	0.000993	0.00000552	0.00386	0.0014	0.0342	0.0106	0.00000551	14.8	0.0000122	0.000571	0.000149	0.00111	0.0199
2071 Mar	219	0.0733	0.207	0.00526	41.4	0.0409	35.3	0.00154	0.000993	0.00000552	0.00386	0.0014	0.0342	0.0106	0.00000551	14.8	0.0000122	0.000571	0.000149	0.00111	0.0199
2071 Apr	219	0.0733	0.207	0.00526	41.4	0.0409	35.3	0.00154	0.000993	0.00000552	0.00387	0.0014	0.0342	0.0106	0.00000551	14.8	0.0000122	0.000571	0.000149	0.00111	0.0199
2071 May	219	0.0733	0.207	0.00527	41.4	0.0409	35.4	0.00154	0.000993	0.00000552	0.00387	0.0014	0.0343	0.0106	0.00000551	14.8	0.0000122	0.000573	0.000149	0.00111	0.0199
2071 Jun	218	0.0736	0.21	0.00533	41.2	0.0414	36.3	0.00156	0.00099	0.00000551	0.00389	0.00144	0.0353	0.0107	0.00000552	15.1	0.0000124	0.000599	0.000151	0.00112	0.0201
2071 Jul	219	0.0738	0.211	0.00535	41.3	0.0416	36.5	0.00157	0.000991	0.00000551	0.00391	0.00146	0.0356	0.0108	0.00000553	15.2	0.0000125	0.000606	0.000152	0.00112	0.0202
2071 Aug	219	0.0739	0.211	0.00536	41.3	0.0416	36.6	0.00157	0.000993	0.00000552	0.00392	0.00146	0.0356	0.0108	0.00000554	15.2	0.0000125	0.000607	0.000152	0.00113	0.0202
2071 Sep	219	0.0739	0.211	0.00536	41.3	0.0416	36.6	0.00157	0.000992	0.00000552	0.00391	0.00146	0.0356	0.0108	0.00000554	15.2	0.0000125	0.000607	0.000152	0.00112	0.0202
2071 Oct	219	0.0739	0.211	0.00536	41.3	0.0416	36.6	0.00157	0.000992	0.00000552	0.00391	0.00146	0.0356	0.0108	0.00000553	15.2	0.0000125	0.000606	0.000152	0.00112	0.0202
2071 Nov	219	0.0738	0.211	0.00535	41.3	0.0416	36.6	0.00157	0.000992	0.00000552	0.00391	0.00146	0.0356	0.0108	0.00000553	15.2	0.0000125	0.000606	0.000152	0.00112	0.0202
2071 Dec	219	0.0738	0.211	0.00535	41.3	0.0416	36.6	0.00157	0.000992	0.00000552	0.00391	0.00146	0.0356	0.0108	0.00000553	15.2	0.0000125	0.000606	0.000152	0.00112	0.0202
2072 Jan	219	0.0738	0.211	0.00535	41.3	0.0416	36.6	0.00157	0.000992	0.00000552	0.00391	0.00146	0.0356	0.0108	0.00000553	15.2	0.0000125	0.000606	0.000152	0.00112	0.0202
2072 Feb	219	0.0738	0.211	0.00535	41.3	0.0416	36.6	0.00157	0.000992	0.00000552	0.00391	0.00146	0.0356	0.0108	0.00000553	15.2	0.0000125	0.000606	0.000152	0.00112	0.0202
2072 Mar	219	0.0738	0.211	0.00535	41.3	0.0416	36.6	0.00157	0.000992	0.00000552	0.00391	0.00146	0.0356	0.0108	0.00000553	15.2	0.0000125	0.000606	0.000152	0.00112	0.0202
2072 Apr	219	0.0739	0.211	0.00536	41.3	0.0416	36.6	0.00157	0.000992	0.00000552	0.00391	0.00146	0.0356	0.0108	0.00000553	15.2	0.0000125	0.000606	0.000152	0.00112	0.0202
2072 May	219	0.0739	0.211	0.00536	41.3	0.0416	36.6	0.00157	0.000992	0.00000552	0.00391	0.00146	0.0356	0.0108	0.00000554	15.2	0.0000125	0.000607	0.000152	0.00112	0.0202
2072 Jun	219	0.074	0.212	0.00538	41.3	0.0418	36.9	0.00158	0.000992	0.00000552	0.00393	0.00147	0.036	0.0108	0.00000554	15.3	0.0000126	0.000616	0.000152	0.00113	0.0203
2072 Jul	219	0.0742	0.213	0.0054	41.3	0.0419	37.1	0.00159	0.000993	0.00000553	0.00394	0.00148	0.0362	0.0108	0.00000555	15.3	0.0000126	0.000622	0.000153	0.00113	0.0203
2072 Aug	219	0.0743	0.214	0.00541	41.3	0.0421	37.3	0.00159	0.000993	0.00000553	0.00394	0.00149	0.0364	0.0109	0.00000555	15.4	0.0000127	0.000627	0.000153	0.00113	0.0204
2072 Sep	219	0.0743	0.215	0.00543	41.2	0.0422	37.5	0.0016	0.000992	0.00000553	0.00395	0.0015	0.0367	0.0109	0.00000556	15.5	0.0000127	0.000633	0.000154	0.00114	0.0204
2072 Oct	219	0.0744	0.216	0.00545	41.1	0.0423	37.9	0.0016	0.000991	0.00000552	0.00396	0.00152	0.0371	0.0109	0.00000556	15.6	0.0000128	0.000644	0.000154	0.00114	0.0205
2072 Nov	219	0.0744	0.216	0.00546	41.1	0.0424	37.9	0.0016	0.000991	0.00000552	0.00396	0.00152	0.0372	0.0109	0.00000556	15.6	0.0000128	0.000646	0.000154	0.00114	0.0205
2072 Dec	219	0.0744	0.216	0.00546	41.1	0.0424	37.9	0.0016	0.000991	0.00000552	0.00396	0.00152	0.0372	0.0109	0.00000556	15.6	0.0000128	0.000646	0.000154	0.00114	0.0205
2073 Jan	219	0.0744	0.216	0.00546	41.1	0.0424	37.9	0.0016	0.000991	0.00000552	0.00396	0.00152	0.0372	0.0109	0.00000556	15.6	0.0000128	0.000646	0.000154	0.00114	0.0205
2073 Feb	219	0.0744	0.216	0.00546	41.1	0.0424	37.9	0.0016	0.000991	0.00000552	0.00396	0.00152	0.0372	0.0109	0.00000556	15.6	0.0000128	0.000646	0.000154	0.00114	0.0205
2073 Mar	219	0.0744	0.216	0.00546	41.1	0.0424	37.9	0.0016	0.000991	0.00000552	0.00396	0.00152	0.0372	0.0109	0.00000556	15.6	0.0000128	0.000646	0.000154	0.00114	0.0205
2073 Apr	219	0.0745	0.216	0.00546	41.1	0.0424	38	0.00161	0.000991	0.00000552	0.00396	0.00152	0.0372	0.0109	0.00000556	15.6	0.0000128	0.000646	0.000154	0.00114	0.0205
2073 May	219	0.0746	0.217	0.00547	41.1	0.0425	38.2	0.00161	0.000991	0.00000552	0.00397	0.00153	0.0374	0.011	0.00000556	15.6	0.0000128	0.000652	0.000155	0.00115	0.0206
2073 Jun	219	0.0748	0.219	0.00552	41	0.0429	38.9	0.00163	0.00099	0.00000552	0.004	0.00157	0.0383	0.0111	0.00000557	15.9	0.000013	0.000674	0.000157	0.00115	0.0207
2073 Jul	219	0.075	0.22	0.00555	41	0.0431	39.2	0.00164	0.000991	0.00000553	0.00401	0.00158	0.0386	0.0111	0.00000558	15.9	0.0000131	0.000681	0.000157	0.00116	0.0208
2073 Aug	219	0.0751	0.22	0.00555	41.1	0.0432	39.2	0.00164	0.000993	0.00000553	0.00402	0.00158	0.0386	0.0111	0.00000559	16	0.0000131	0.000682	0.000158	0.00116	0.0208
2073 Sep	219	0.0751	0.22	0.00555	41.1	0.0432	39.2	0.00164	0.000992	0.00000553	0.00402	0.00158	0.0386	0.0111	0.00000559	16	0.0000131	0.000682	0.000157	0.00116	0.0208
2073 Oct	219	0.0751	0.22	0.00555	41	0.0431	39.2	0.00164	0.000991	0.00000553	0.00401	0.00158	0.0386	0.0111	0.00000559	16	0.0000131	0.000682	0.000157	0.00116	0.0208
2073 Nov	219	0.0751	0.22	0.00555	41	0.0431	39.3	0.00164	0.000991	0.00000553	0.00401	0.00158	0.0387	0.0111	0.00000559	16	0.0000131	0.000683	0.000157	0.00116	0.0208
2073 Dec	219	0.0751	0.22	0.00555	41	0.0431	39.3	0.00164	0.000991	0.00000553	0.00401	0.00158	0.0387	0.0111	0.00000559	16	0.0000131	0.000683	0.000157	0.00116	0.0208
2074 Jan	219	0.0751	0.22	0.00555	41	0.0431	39.3	0.00164	0.000991	0.00000553	0.00401	0.00158	0.0387	0.0111	0.00000559	16	0.0000131	0.000683	0.000157	0.00116	0.0208
2074 Feb	219	0.0751	0.22	0.00555	41	0.0431	39.3	0.00164	0.000991	0.00000553	0.00401	0.00158	0.0387	0.0111	0.00000559	16	0.0000131	0.000683	0.000157	0.00116	0.0208
2074 Mar	219	0.0751	0.22	0.00555	41	0.0431	39.3	0.00164	0.000991	0.00000553	0.00401	0.00158	0.0387	0.0111	0.00000559	16	0.0000131	0.000683	0.000157	0.00116	0.0208
2074 Apr	219	0.0751	0.22	0.00555	41	0.0432	39.3	0.00164	0.000992	0.00000553	0.00402	0.00158	0.0387	0.0111	0.00000559	16	0.0000131	0.000683	0.000157	0.00116	0.0208
2074 May	219	0.0753	0.221	0.00558	41	0.0434	39.7	0.00165	0.000992	0.00000553	0.00403	0.0016	0.0391	0.0112	0.0000056	16.1	0.0000132	0.000694	0.000158	0.00117	0.0209
2074 Jun	219	0.0756	0.225	0.00567	40.7	0.0441	41	0.00168	0.000988	0.00000552	0.00407	0.00166	0.0407	0.0113	0.00000561	16.5	0.0000135	0.000734	0.000161	0.00118	0.0212
2074 Jul	219	0.0758	0.226	0.00569	40.8	0.0443	41.2	0.00169	0.00099	0.00000553	0.00409	0.00167	0.0409	0.0113	0.00000562	16.6	0.0000136	0.00074	0.000162	0.00119	0.0213
2074 Aug	220	0.076	0.227	0.0057	40.9	0.0444	41.3	0.00169	0.000993	0.00000554	0.0041	0.00168	0.041	0.0114	0.00000563	16.6	0.0000136	0.000741	0.000162	0.00119	0.0213
2074 Sep	220	0.076	0.227	0.0057	40.9	0.0444	41.3	0.00169	0.000992	0.00000554	0.0041	0.00168	0.041	0.0114	0.00000563	16.6	0.0000136	0.000741	0.000162	0.00119	0.0213
2074 Oct	220	0.0759	0.226	0.00569	40.9	0.0443	41.3	0.00169	0.000991	0.00000554	0.00409	0.00168	0.041	0.0114	0.00000563	16.6	0.0000136	0.00074	0.000162	0.00119	0.0213
2074 Nov	220	0.0759	0.226	0.00569	40.9	0.0443	41.3	0.00169	0.000991	0.00000554	0.00409	0.00168	0.041	0.0114	0.00000563	16.6	0.0000136	0.00074	0.000162	0.00119	0.0213
2074 Dec	220	0.0759	0.226	0.00569	40.9	0.0443	41.3	0.00169	0.000991	0.00000554	0.00409	0.00168	0.041	0.0114	0.00000563	16.6	0.0000136	0.00074	0.000162	0.00119	0.0213
2075 Jan	220	0.0759	0.226	0.00569	40.9	0.0443	41.3	0.00169	0.000991	0.00000554	0.00409	0.00168	0.041	0.0114	0.00000563	16.6	0.0000136	0.00074	0.000162	0.00119	0.0213
2075 Feb	220	0.0759	0.226	0.00569	40.9	0.0443	41.3	0.00169	0.000991	0.00000554	0.00409	0.00168	0.041	0.0114	0.00000563	16.6	0.0000136	0.00074	0.000162	0.00119	0.0213
2075 Mar	220	0.0759	0.226	0.00569	40.9	0.0443	41.3	0.00169	0.000991	0.00000554	0.00409	0.00168	0.041	0.0114	0.00000563	16.6	0.0000136	0.00074	0.000162	0.00119	0.0213
2075 Apr	220	0.076	0.227	0.0057	40.9	0.0443	41.3	0.00169	0.000992	0.00000554	0.00409	0.00168	0.041	0.0114	0.00000563	16.6	0.0000136	0.000741	0.000162	0.00119	0.0213
2075 May	220	0.076	0.227	0.0057	40.9	0.0444	41.3	0.00169	0.000992	0.00000554	0.0041	0.00168	0.041	0.0114	0.00000563	16.6	0.0000136	0.000741	0.000162	0.00119	0.0213

Appendix D.3-3: WES

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2075 Jun	220	0.0761	0.228	0.00574	40.8	0.0447	42	0.00171	0.00099	0.00000554	0.00412	0.00171	0.0418	0.0114	0.00000564	16.8	0.0000137	0.000761	0.000163	0.0012	0.0215
2075 Jul	220	0.0764	0.23	0.00578	40.7	0.045	42.5	0.00172	0.000991	0.00000554	0.00414	0.00173	0.0424	0.0115	0.00000565	16.9	0.0000139	0.000776	0.000165	0.0012	0.0216
2075 Aug	220	0.0765	0.23	0.00578	40.8	0.0451	42.6	0.00172	0.000992	0.00000555	0.00415	0.00173	0.0424	0.0115	0.00000566	17	0.0000139	0.000777	0.000165	0.00121	0.0216
2075 Sep	220	0.0765	0.23	0.00579	40.8	0.0451	42.6	0.00172	0.000993	0.00000555	0.00415	0.00174	0.0425	0.0115	0.00000566	17	0.0000139	0.000777	0.000165	0.00121	0.0216
2075 Oct	220	0.0765	0.23	0.00579	40.8	0.0451	42.6	0.00172	0.000993	0.00000555	0.00415	0.00174	0.0425	0.0115	0.00000566	17	0.0000139	0.000777	0.000165	0.00121	0.0216
2075 Nov	220	0.0765	0.23	0.00579	40.8	0.0451	42.6	0.00172	0.000993	0.00000555	0.00415	0.00174	0.0425	0.0115	0.00000566	17	0.0000139	0.000777	0.000165	0.00121	0.0216
2075 Dec	220	0.0765	0.23	0.00579	40.8	0.0451	42.6	0.00172	0.000993	0.00000555	0.00415	0.00174	0.0425	0.0115	0.00000566	17	0.0000139	0.000777	0.000165	0.00121	0.0216
2076 Jan	220	0.0765	0.23	0.00579	40.8	0.0451	42.6	0.00172	0.000993	0.00000555	0.00415	0.00174	0.0425	0.0115	0.00000566	17	0.0000139	0.000777	0.000165	0.00121	0.0216
2076 Feb	220	0.0765	0.23	0.00579	40.8	0.0451	42.6	0.00172	0.000993	0.00000555	0.00415	0.00174	0.0425	0.0115	0.00000566	17	0.0000139	0.000777	0.000165	0.00121	0.0216
2076 Mar	220	0.0765	0.23	0.00579	40.8	0.0451	42.6	0.00172	0.000993	0.00000555	0.00415	0.00174	0.0425	0.0115	0.00000566	17	0.0000139	0.000777	0.000165	0.00121	0.0216
2076 Apr	220	0.0765	0.23	0.00579	40.8	0.0451	42.6	0.00172	0.000993	0.00000555	0.00415	0.00174	0.0425	0.0115	0.00000566	17	0.0000139	0.000777	0.000165	0.00121	0.0216
2076 May	220	0.0766	0.231	0.00579	40.9	0.0451	42.6	0.00172	0.000993	0.00000556	0.00415	0.00174	0.0425	0.0115	0.00000566	17	0.0000139	0.000778	0.000165	0.00121	0.0216
2076 Jun	220	0.0766	0.231	0.00581	40.7	0.0453	43	0.00173	0.000991	0.00000554	0.00416	0.00176	0.0429	0.0116	0.00000566	17.1	0.000014	0.00079	0.000166	0.00121	0.0217
2076 Jul	220	0.0768	0.232	0.00583	40.7	0.0455	43.4	0.00174	0.000992	0.00000555	0.00417	0.00177	0.0433	0.0116	0.00000567	17.2	0.0000141	0.000799	0.000167	0.00122	0.0218
2076 Aug	221	0.0769	0.233	0.00585	40.8	0.0456	43.5	0.00174	0.000994	0.00000556	0.00418	0.00177	0.0434	0.0116	0.00000568	17.2	0.0000141	0.0008	0.000167	0.00122	0.0218
2076 Sep	221	0.077	0.233	0.00585	40.8	0.0457	43.5	0.00175	0.000995	0.00000557	0.00419	0.00178	0.0434	0.0116	0.00000569	17.2	0.0000141	0.000801	0.000167	0.00122	0.0219
2076 Oct	221	0.0769	0.233	0.00584	40.8	0.0456	43.4	0.00174	0.000994	0.00000556	0.00418	0.00177	0.0434	0.0116	0.00000568	17.2	0.0000141	0.0008	0.000167	0.00122	0.0218
2076 Nov	221	0.0769	0.233	0.00584	40.8	0.0456	43.4	0.00174	0.000994	0.00000556	0.00418	0.00177	0.0434	0.0116	0.00000568	17.2	0.0000141	0.0008	0.000167	0.00122	0.0218
2076 Dec	221	0.0769	0.233	0.00584	40.8	0.0456	43.4	0.00174	0.000994	0.00000556	0.00418	0.00177	0.0434	0.0116	0.00000568	17.2	0.0000141	0.0008	0.000167	0.00122	0.0218
2077 Jan	221	0.0769	0.233	0.00584	40.8	0.0456	43.4	0.00174	0.000994	0.00000556	0.00418	0.00177	0.0434	0.0116	0.00000568	17.2	0.0000141	0.0008	0.000167	0.00122	0.0218
2077 Feb	221	0.0769	0.233	0.00584	40.8	0.0456	43.4	0.00174	0.000994	0.00000556	0.00418	0.00177	0.0434	0.0116	0.00000568	17.2	0.0000141	0.0008	0.000167	0.00122	0.0218
2077 Mar	221	0.0769	0.233	0.00584	40.8	0.0456	43.4	0.00174	0.000994	0.00000556	0.00418	0.00177	0.0434	0.0116	0.00000568	17.2	0.0000141	0.0008	0.000167	0.00122	0.0218
2077 Apr	221	0.0769	0.233	0.00585	40.8	0.0456	43.4	0.00174	0.000994	0.00000556	0.00418	0.00177	0.0434	0.0116	0.00000568	17.2	0.0000141	0.0008	0.000167	0.00122	0.0218
2077 May	221	0.077	0.233	0.00585	40.8	0.0457	43.5	0.00174	0.000994	0.00000556	0.00419	0.00178	0.0434	0.0116	0.00000569	17.2	0.0000141	0.000801	0.000167	0.00122	0.0219
2077 Jun	220	0.0771	0.234	0.00588	40.6	0.046	44.1	0.00176	0.000991	0.00000555	0.0042	0.00181	0.0442	0.0117	0.00000569	17.4	0.0000142	0.000821	0.000168	0.00123	0.022
2077 Jul	221	0.0772	0.235	0.0059	40.7	0.0461	44.3	0.00176	0.000994	0.00000556	0.00421	0.00181	0.0443	0.0117	0.0000057	17.5	0.0000143	0.000824	0.000169	0.00123	0.0221
2077 Aug	221	0.0774	0.235	0.00591	40.8	0.0462	44.4	0.00177	0.000996	0.00000558	0.00422	0.00182	0.0444	0.0118	0.00000571	17.5	0.0000143	0.000826	0.000169	0.00123	0.0221
2077 Sep	221	0.0773	0.235	0.0059	40.7	0.0461	44.3	0.00176	0.000994	0.00000557	0.00422	0.00181	0.0444	0.0117	0.0000057	17.5	0.0000143	0.000824	0.000169	0.00123	0.0221
2077 Oct	221	0.0773	0.235	0.0059	40.7	0.0461	44.3	0.00177	0.000994	0.00000557	0.00422	0.00181	0.0444	0.0117	0.0000057	17.5	0.0000143	0.000825	0.000169	0.00123	0.0221
2077 Nov	221	0.0773	0.235	0.0059	40.7	0.0461	44.3	0.00177	0.000994	0.00000557	0.00422	0.00181	0.0444	0.0117	0.0000057	17.5	0.0000143	0.000825	0.000169	0.00123	0.0221
2077 Dec	221	0.0773	0.235	0.0059	40.7	0.0461	44.3	0.00177	0.000994	0.00000557	0.00422	0.00181	0.0444	0.0117	0.0000057	17.5	0.0000143	0.000825	0.000169	0.00123	0.0221
2078 Jan	221	0.0773	0.235	0.0059	40.7	0.0461	44.3	0.00177	0.000994	0.00000557	0.00422	0.00181	0.0444	0.0117	0.0000057	17.5	0.0000143	0.000825	0.000169	0.00123	0.0221
2078 Feb	221	0.0773	0.235	0.0059	40.7	0.0461	44.3	0.00177	0.000994	0.00000557	0.00422	0.00181	0.0444	0.0117	0.0000057	17.5	0.0000143	0.000825	0.000169	0.00123	0.0221
2078 Mar	221	0.0773	0.235	0.0059	40.7	0.0461	44.3	0.00177	0.000994	0.00000557	0.00422	0.00181	0.0444	0.0117	0.0000057	17.5	0.0000143	0.000825	0.000169	0.00123	0.0221
2078 Apr	221	0.0773	0.235	0.0059	40.7	0.0462	44.3	0.00177	0.000994	0.00000557	0.00422	0.00182	0.0444	0.0117	0.0000057	17.5	0.0000143	0.000826	0.000169	0.00123	0.0221
2078 May	221	0.0774	0.236	0.00593	40.7	0.0464	44.7	0.00177	0.000994	0.00000557	0.00423	0.00183	0.0448	0.0118	0.00000571	17.6	0.0000144	0.000836	0.00017	0.00124	0.0222
2078 Jun	221	0.0777	0.239	0.00599	40.5	0.0469	45.8	0.0018	0.000991	0.00000556	0.00427	0.00188	0.0461	0.0119	0.00000572	17.9	0.0000146	0.000868	0.000172	0.00125	0.0224
2078 Jul	221	0.0779	0.239	0.006	40.6	0.0471	45.9	0.00181	0.000994	0.00000557	0.00428	0.00189	0.0462	0.0119	0.00000573	18	0.0000147	0.000871	0.000173	0.00125	0.0225
2078 Aug	222	0.078	0.24	0.00601	40.6	0.0471	46	0.00181	0.000995	0.00000558	0.00428	0.00189	0.0463	0.012	0.00000574	18	0.0000147	0.000872	0.000173	0.00125	0.0225
2078 Sep	222	0.078	0.24	0.00601	40.6	0.0471	46	0.00181	0.000995	0.00000558	0.00429	0.00189	0.0463	0.012	0.00000574	18	0.0000147	0.000873	0.000173	0.00125	0.0225
2078 Oct	222	0.078	0.24	0.00601	40.6	0.0471	46	0.00181	0.000995	0.00000558	0.00428	0.00189	0.0463	0.012	0.00000574	18	0.0000147	0.000872	0.000173	0.00125	0.0225
2078 Nov	222	0.078	0.24	0.00601	40.6	0.0471	46	0.00181	0.000995	0.00000558	0.00428	0.00189	0.0463	0.012	0.00000574	18	0.0000147	0.000872	0.000173	0.00125	0.0225
2078 Dec	222	0.078	0.24	0.00601	40.6	0.0471	46	0.00181	0.000995	0.00000558	0.00428	0.00189	0.0463	0.012	0.00000574	18	0.0000147	0.000872	0.000173	0.00125	0.0225
2079 Jan	222	0.078	0.24	0.00601	40.6	0.0471	46	0.00181	0.000995	0.00000558	0.00428	0.00189	0.0463	0.012	0.00000574	18	0.0000147	0.000872	0.000173	0.00125	0.0225
2079 Feb	222	0.078	0.24	0.00601	40.6	0.0471	46	0.00181	0.000995	0.00000558	0.00428	0.00189	0.0463	0.012	0.00000574	18	0.0000147	0.000872	0.000173	0.00125	0.0225
2079 Mar	222	0.078	0.24	0.00601	40.6	0.0471	46	0.00181	0.000995	0.00000558	0.00428	0.00189	0.0463	0.012	0.00000574	18	0.0000147	0.000872	0.000173	0.00125	0.0225
2079 Apr	222	0.078	0.24	0.00601	40.6	0.0471	46	0.00181	0.000995	0.00000558	0.00429	0.00189	0.0463	0.012	0.00000574	18	0.0000147	0.000872	0.000173	0.00125	0.0225
2079 May	222	0.078	0.24	0.00602	40.7	0.0472	46	0.00181	0.000996	0.00000559	0.00429	0.00189	0.0463	0.012	0.00000574	18	0.0000147	0.000873	0.000173	0.00125	0.0225
2079 Jun	222	0.0781	0.241	0.00605	40.5	0.0475	46.7	0.00182	0.000993	0.00000557	0.00431	0.00192	0.0471	0.012	0.00000574	18.2	0.0000148	0.000893	0.000174	0.00126	0.0226
2079 Jul	222	0.0782	0.242	0.00608	40.4	0.0477	47.1	0.00183	0.000993	0.00000558	0.00432	0.00194	0.0476	0.0121	0.00000575	18.3	0.0000149	0.000905	0.000175	0.00127	0.0227
2079 Aug	222	0.0784	0.242	0.00609	40.5	0.0478	47.2	0.00184	0.000995	0.00000559	0.00433	0.00195	0.0477	0.0121	0.00000576	18.3	0.000015	0.000906	0.000175	0.00127	0.0228
2079 Sep	222	0.0783	0.242	0.00608	40.5	0.0478	47.2	0.00184	0.000995	0.00000559	0.00433	0.00195	0.0477	0.0121	0.00000576	18.3	0.000015	0.000906	0.000175	0.00127	0.0227
2079 Oct	222	0.0783	0.242	0.00608	40.5	0.0478	47.2	0.00184	0.000994	0.00000558	0.00433	0.00195	0.0477	0.0121	0.00000576	18.3	0.000015	0.000907	0.000175	0.00127	0.0227
2079 Nov	222	0.0783	0.242	0.00609	40.5	0.0479	47.3	0.00184	0.000994	0.00000558	0.00433	0.00195	0.0478	0.0121	0.00000576	18.4	0.000015	0.000909	0.000175	0.00127	0.0228
2079 Dec	222	0.0783	0.243	0.00609	40.4	0.0479	47.4	0.00184	0.000994	0.00000558	0.00433	0.00195	0.0479	0.0121	0.00000576	18.4	0.000015	0.000911	0.000176	0.00127	0.0228
2080 Jan	222	0.0783	0.243	0.00609	40.4	0.0479	47.4	0.00184	0.000994	0.00000558	0.00433	0.00195	0.0479	0.0121	0.00000576	18.4	0.000015	0.000911	0.000176	0.00127	0.0228
2080 Feb	222	0.0783	0.243	0.00609	40.4	0.0479	47.4	0.00184	0.000994	0.00000558	0.00433	0.00195	0.0479	0.0121	0.00000576	18.4	0.000015	0.000911	0.000176	0.00127	0.0228
2080 Mar	222	0.0783	0.243	0.00609	40.4	0.0479	47.4	0.00184	0.000994	0.00000558	0.00433	0.00195	0.0479	0.0121	0.00000576	18.4	0.000015	0.000912	0.000176	0.00127	0.0228
2080 Apr	222	0.0784	0.243	0.00609	40.5	0.0479	47.4	0.00184	0.000994	0.00000558	0.00433	0.00195	0.0479	0.0121	0.00000576	18.4	0.000015	0.000912	0.000176	0.00127	0.0228
2080 May	222	0.0784	0.243	0.0061	40.5	0.0479	47.4	0.00184	0.000994	0.00000559	0.00434	0.00196	0.0479	0.0121	0.00000577	18.4	0.000015	0.000912	0.000176	0.00127	0.0228
2080 Jun	222	0.0785	0.244	0.00612	40.4	0.0482	47.9	0.00185	0.000993	0.00000558	0.00435	0.00198	0.0484	0.0122	0.00000577	18.5	0.0000151	0.000925	0.000177	0.00128	0.0229
2080 Jul	222	0.0786	0.245	0.00615	40.4	0.0484	48.3	0.00186	0.000994	0.00000559	0.00437	0.002	0.0489	0.0122	0.00000578	18.6	0.0000152	0.000937	0.000178	0.00128	0.023
2080 Aug	223	0.0787	0.245	0.00615	40.4	0.0485	48.3	0.00187	0.000995	0.00000559	0.00437	0.002	0.049	0.0122	0.00000579	18.7	0.0000152	0.000938	0.000178	0.00129	0.023
2080 Sep	223	0.0787	0.245	0.00615	40.4	0.0485	48.3	0.00186	0.000995	0.00000559	0.00437	0.002	0.049	0.0122	0.00000578	18.7	0.0000152	0.000938	0.000178	0.00129	0.023
2080 Oct	223	0.0787	0.245	0.00616	40.4	0.0485	48.4	0.00187	0.000994	0.00000559	0.00437	0.002	0.0491	0.0122	0.00000578	18.7	0.0000152	0.00094	0.000178	0.00129	0.023
2080 Nov	223	0.0787	0.245	0.00616	40.4	0.0486	48.5	0.00187	0.000994	0.00000559	0.00438	0.00201	0.0492	0.0122	0.00000579	18.7	0.0000153	0.000943	0.000178	0.00129	0.023
2080 Dec	223	0.0787	0.245	0.00616	40.4	0.0486	48.5	0.00187	0.000994	0.00000559	0.00438	0.00201	0.0492	0.0122	0.00000579	18.7	0.0000153	0.000943	0.000178	0.00129	0.023
2081 Jan	223	0.0787	0.245	0.00616	40.4	0.0486	48.5	0.00187	0.000994	0.00000559	0.00438	0.00201	0.0492	0.0122	0.00000579	18.7	0.0000153	0.000943	0.000178	0.00129	0.023
2081 Feb	223	0.0787	0.245	0.00616	40.4	0.0486	48.5	0.00187	0.000994	0.00000559	0.00438	0.00201	0.0492	0.0122	0.00000579	18.7	0.0000153	0.000944	0.000178	0.00129	0.023
2081 Mar	223	0.0787	0.245	0.00616	40.4	0.0486	48.5	0.00187	0.000994	0.00000559	0.00438	0.00201	0.0492	0.0122	0.00000579	18.7	0.0000153	0.000944	0.000178	0.00129	0.023
2081 Apr	223	0.0787	0.245	0.00616	40.4	0.0486	48.5	0.00187	0.000994	0.00000559	0.00438	0.00201	0.0492	0.0122	0.00000579	18.7	0.0000153	0.000944	0.000178	0.00129	0.023
2081 May	223	0.0788	0.246	0.00617	40.4	0.0487	48.7	0.00187	0.000994	0.00000559	0.00438	0.00201	0.0494	0.0123	0.00000579	18.8	0.0000153	0.000948	0.000179	0.00129	0.0231
2081 Jun	223	0.0789	0.247	0.00621	40.2	0.0491	49.4	0.00189	0.000993	0.00000559	0.00441	0.00205	0.0502	0.0123	0.0000058	19	0.0000155	0.000969	0.00018	0.0013	0.0232
2081 Jul	223	0.0792	0.248	0.00623	40.3	0.0492	49.6	0.0019	0.000995	0.0000056	0.00442	0.00206	0.0504	0.0124	0.00000581	19	0.0000155	0.000974	0.000181	0.0013	0.0233
2081 Aug	224	0.0794	0.248	0.00625	40.4	0.0494	49.8	0.0019	0.000998	0.00000562	0.00443	0.00206	0.0506	0.0124	0.00000583	19.1	0.0000156	0.000976	0.000181	0.00131	0.0233
2081 Sep	224	0.0794	0.248	0.00625	40.4	0.0494	49.8	0.0019	0.000998	0.00000562	0.00443	0.00206	0.0506	0.0124	0.00000583	19.1	0.0000156	0.000976	0.000181	0.00131	0.0233
2081 Oct	224	0.0794	0.248	0.00625	40.4	0.0494	49.8	0.0019	0.000998	0.00000562	0.00443	0.00206	0.0506	0.0124	0.00000583	19.1	0.0000156	0.000976	0.000181	0.00131	0.0233

Appendix D.3-3: WES

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2081 Nov	224	0.0793	0.248	0.00625	40.4	0.0493	49.7	0.0019	0.000997	0.00000562	0.00443	0.00206	0.0505	0.0124	0.00000583	19.1	0.0000156	0.000976	0.000181	0.00131	0.0233
2081 Dec	224	0.0793	0.248	0.00625	40.4	0.0493	49.7	0.0019	0.000997	0.00000562	0.00443	0.00206	0.0505	0.0124	0.00000583	19.1	0.0000156	0.000976	0.000181	0.00131	0.0233
2082 Jan	224	0.0793	0.248	0.00625	40.4	0.0493	49.7	0.0019	0.000997	0.00000562	0.00443	0.00206	0.0505	0.0124	0.00000583	19.1	0.0000156	0.000976	0.000181	0.00131	0.0233
2082 Feb	224	0.0793	0.248	0.00625	40.4	0.0493	49.7	0.0019	0.000997	0.00000562	0.00443	0.00206	0.0505	0.0124	0.00000583	19.1	0.0000156	0.000976	0.000181	0.00131	0.0233
2082 Mar	224	0.0793	0.248	0.00625	40.4	0.0493	49.7	0.0019	0.000997	0.00000562	0.00443	0.00206	0.0505	0.0124	0.00000583	19.1	0.0000156	0.000976	0.000181	0.00131	0.0233
2082 Apr	224	0.0793	0.248	0.00625	40.4	0.0493	49.7	0.0019	0.000997	0.00000562	0.00443	0.00206	0.0505	0.0124	0.00000583	19.1	0.0000156	0.000976	0.000181	0.00131	0.0233
2082 May	224	0.0794	0.248	0.00625	40.4	0.0494	49.8	0.0019	0.000998	0.00000562	0.00443	0.00206	0.0506	0.0124	0.00000583	19.1	0.0000156	0.000977	0.000181	0.00131	0.0233
2082 Jun	224	0.0794	0.249	0.00627	40.3	0.0496	50.3	0.00191	0.000996	0.00000561	0.00445	0.00209	0.0512	0.0125	0.00000583	19.2	0.0000157	0.000992	0.000182	0.00131	0.0234
2082 Jul	224	0.0796	0.251	0.00631	40.2	0.05	51	0.00193	0.000995	0.00000561	0.00447	0.00212	0.052	0.0125	0.00000584	19.5	0.0000158	0.00101	0.000184	0.00132	0.0236
2082 Aug	224	0.0797	0.251	0.00632	40.2	0.0501	51.1	0.00194	0.000997	0.00000562	0.00448	0.00212	0.0521	0.0126	0.00000585	19.5	0.0000159	0.00102	0.000184	0.00132	0.0236
2082 Sep	224	0.0797	0.251	0.00633	40.3	0.0502	51.2	0.00194	0.000997	0.00000562	0.00448	0.00213	0.0522	0.0126	0.00000585	19.5	0.0000159	0.00102	0.000184	0.00133	0.0236
2082 Oct	224	0.0796	0.251	0.00632	40.2	0.0501	51.1	0.00193	0.000996	0.00000562	0.00448	0.00212	0.0521	0.0126	0.00000585	19.5	0.0000159	0.00101	0.000184	0.00132	0.0236
2082 Nov	224	0.0796	0.251	0.00632	40.2	0.0501	51.1	0.00193	0.000996	0.00000562	0.00448	0.00212	0.0521	0.0126	0.00000585	19.5	0.0000159	0.00101	0.000184	0.00132	0.0236
2082 Dec	224	0.0796	0.251	0.00632	40.2	0.0501	51.1	0.00193	0.000996	0.00000562	0.00448	0.00212	0.0521	0.0126	0.00000585	19.5	0.0000159	0.00101	0.000184	0.00132	0.0236
2083 Jan	224	0.0796	0.251	0.00632	40.2	0.0501	51.1	0.00193	0.000996	0.00000562	0.00448	0.00212	0.0521	0.0126	0.00000585	19.5	0.0000159	0.00101	0.000184	0.00132	0.0236
2083 Feb	224	0.0796	0.251	0.00632	40.2	0.0501	51.1	0.00193	0.000996	0.00000562	0.00448	0.00212	0.0521	0.0126	0.00000585	19.5	0.0000159	0.00101	0.000184	0.00132	0.0236
2083 Mar	224	0.0796	0.251	0.00632	40.2	0.0501	51.1	0.00193	0.000996	0.00000562	0.00448	0.00212	0.0521	0.0126	0.00000585	19.5	0.0000159	0.00101	0.000184	0.00132	0.0236
2083 Apr	224	0.0797	0.251	0.00632	40.2	0.0501	51.1	0.00193	0.000996	0.00000562	0.00448	0.00212	0.0521	0.0126	0.00000585	19.5	0.0000159	0.00101	0.000184	0.00132	0.0236
2083 May	224	0.0797	0.251	0.00633	40.2	0.0502	51.2	0.00194	0.000997	0.00000562	0.00449	0.00213	0.0522	0.0126	0.00000585	19.5	0.0000159	0.00102	0.000184	0.00133	0.0237
2083 Jun	224	0.0798	0.253	0.00638	40	0.0507	52.2	0.00196	0.000994	0.00000561	0.00452	0.00217	0.0534	0.0127	0.00000586	19.8	0.0000161	0.00105	0.000186	0.00134	0.0239
2083 Jul	225	0.08	0.253	0.0064	40	0.0509	52.6	0.00197	0.000995	0.00000562	0.00453	0.00219	0.0538	0.0127	0.00000587	19.9	0.0000162	0.00106	0.000187	0.00134	0.0239
2083 Aug	225	0.0801	0.254	0.00641	40.1	0.051	52.6	0.00197	0.000996	0.00000563	0.00454	0.00219	0.0538	0.0127	0.00000588	19.9	0.0000162	0.00106	0.000187	0.00134	0.024
2083 Sep	225	0.0801	0.254	0.00641	40.1	0.051	52.7	0.00197	0.000996	0.00000562	0.00454	0.00219	0.0539	0.0127	0.00000588	19.9	0.0000162	0.00106	0.000187	0.00134	0.024
2083 Oct	225	0.0801	0.254	0.00642	40	0.0512	53	0.00198	0.000994	0.00000562	0.00454	0.00221	0.0543	0.0128	0.00000588	20	0.0000163	0.00107	0.000188	0.00135	0.024
2083 Nov	225	0.0801	0.254	0.00643	40	0.0512	53.1	0.00198	0.000994	0.00000562	0.00455	0.00222	0.0544	0.0128	0.00000588	20.1	0.0000163	0.00107	0.000188	0.00135	0.024
2083 Dec	225	0.0801	0.254	0.00643	40	0.0512	53.2	0.00198	0.000994	0.00000562	0.00455	0.00222	0.0544	0.0128	0.00000588	20.1	0.0000163	0.00107	0.000188	0.00135	0.024
2084 Jan	225	0.0801	0.254	0.00643	40	0.0512	53.2	0.00198	0.000994	0.00000562	0.00455	0.00222	0.0544	0.0128	0.00000588	20.1	0.0000163	0.00107	0.000188	0.00135	0.024
2084 Feb	225	0.0801	0.254	0.00643	40	0.0512	53.2	0.00198	0.000994	0.00000562	0.00455	0.00222	0.0544	0.0128	0.00000588	20.1	0.0000163	0.00107	0.000188	0.00135	0.024
2084 Mar	225	0.0801	0.254	0.00643	40	0.0512	53.2	0.00198	0.000994	0.00000562	0.00455	0.00222	0.0544	0.0128	0.00000588	20.1	0.0000163	0.00107	0.000188	0.00135	0.024
2084 Apr	225	0.0801	0.254	0.00643	40	0.0513	53.2	0.00198	0.000994	0.00000562	0.00455	0.00222	0.0545	0.0128	0.00000588	20.1	0.0000163	0.00107	0.000188	0.00135	0.024
2084 May	225	0.0802	0.255	0.00644	40	0.0514	53.3	0.00199	0.000995	0.00000562	0.00456	0.00222	0.0546	0.0128	0.00000588	20.1	0.0000164	0.00108	0.000189	0.00135	0.0241
2084 Jun	225	0.0803	0.256	0.00649	39.7	0.0519	54.4	0.00201	0.000992	0.00000561	0.00459	0.00227	0.0558	0.0129	0.00000589	20.4	0.0000166	0.00111	0.000191	0.00137	0.0243
2084 Jul	225	0.0805	0.257	0.00651	39.8	0.0521	54.6	0.00202	0.000993	0.00000562	0.0046	0.00228	0.0561	0.013	0.0000059	20.5	0.0000166	0.00111	0.000191	0.00137	0.0244
2084 Aug	226	0.0806	0.257	0.00652	39.9	0.0521	54.7	0.00202	0.000995	0.00000563	0.00461	0.00229	0.0561	0.013	0.00000591	20.5	0.0000167	0.00112	0.000192	0.00137	0.0244
2084 Sep	226	0.0806	0.257	0.00652	39.9	0.0521	54.7	0.00202	0.000995	0.00000563	0.00461	0.00228	0.0561	0.013	0.00000591	20.5	0.0000167	0.00111	0.000192	0.00137	0.0244
2084 Oct	226	0.0805	0.257	0.00651	39.8	0.0521	54.6	0.00202	0.000994	0.00000563	0.0046	0.00228	0.0561	0.013	0.00000591	20.5	0.0000167	0.00111	0.000191	0.00137	0.0244
2084 Nov	225	0.0805	0.257	0.00651	39.8	0.0521	54.6	0.00202	0.000994	0.00000563	0.0046	0.00228	0.0561	0.013	0.00000591	20.5	0.0000167	0.00111	0.000191	0.00137	0.0244
2084 Dec	225	0.0805	0.257	0.00651	39.8	0.0521	54.6	0.00202	0.000994	0.00000563	0.0046	0.00228	0.0561	0.013	0.00000591	20.5	0.0000167	0.00111	0.000191	0.00137	0.0244
2085 Jan	225	0.0805	0.257	0.00651	39.8	0.0521	54.6	0.00202	0.000994	0.00000563	0.0046	0.00228	0.0561	0.013	0.00000591	20.5	0.0000167	0.00111	0.000191	0.00137	0.0244
2085 Feb	225	0.0805	0.257	0.00651	39.8	0.0521	54.6	0.00202	0.000994	0.00000563	0.0046	0.00228	0.0561	0.013	0.00000591	20.5	0.0000167	0.00111	0.000191	0.00137	0.0244
2085 Mar	225	0.0805	0.257	0.00651	39.8	0.0521	54.6	0.00202	0.000994	0.00000563	0.0046	0.00228	0.0561	0.013	0.00000591	20.5	0.0000167	0.00111	0.000191	0.00137	0.0244
2085 Apr	226	0.0805	0.257	0.00651	39.8	0.0521	54.6	0.00202	0.000994	0.00000563	0.0046	0.00228	0.0561	0.013	0.00000591	20.5	0.0000167	0.00111	0.000191	0.00137	0.0244
2085 May	226	0.0806	0.257	0.00652	39.8	0.0522	54.7	0.00202	0.000994	0.00000563	0.00461	0.00229	0.0562	0.013	0.00000591	20.5	0.0000167	0.00112	0.000192	0.00137	0.0244
2085 Jun	226	0.0807	0.258	0.00655	39.8	0.0525	55.3	0.00204	0.000994	0.00000563	0.00463	0.00231	0.0569	0.013	0.00000592	20.7	0.0000168	0.00113	0.000193	0.00138	0.0245
2085 Jul	226	0.0808	0.258	0.00656	39.8	0.0526	55.4	0.00204	0.000996	0.00000564	0.00464	0.00232	0.057	0.0131	0.00000593	20.7	0.0000168	0.00114	0.000193	0.00138	0.0246
2085 Aug	226	0.0809	0.259	0.00656	39.9	0.0526	55.4	0.00204	0.000996	0.00000564	0.00464	0.00232	0.057	0.0131	0.00000593	20.8	0.0000168	0.00114	0.000193	0.00138	0.0246
2085 Sep	226	0.0808	0.259	0.00656	39.8	0.0526	55.5	0.00204	0.000995	0.00000564	0.00464	0.00232	0.0571	0.0131	0.00000593	20.8	0.0000169	0.00114	0.000193	0.00138	0.0246
2085 Oct	226	0.0808	0.259	0.00658	39.8	0.0528	55.8	0.00205	0.000995	0.00000564	0.00464	0.00233	0.0574	0.0131	0.00000593	20.8	0.0000169	0.00115	0.000194	0.00139	0.0246
2085 Nov	226	0.0809	0.259	0.00658	39.7	0.0529	56	0.00205	0.000994	0.00000564	0.00465	0.00234	0.0576	0.0131	0.00000593	20.9	0.0000169	0.00115	0.000194	0.00139	0.0246
2085 Dec	226	0.0809	0.259	0.00658	39.7	0.0529	56	0.00205	0.000994	0.00000564	0.00465	0.00234	0.0576	0.0131	0.00000593	20.9	0.0000169	0.00115	0.000194	0.00139	0.0246
2086 Jan	226	0.0809	0.259	0.00658	39.7	0.0529	56	0.00205	0.000994	0.00000564	0.00465	0.00234	0.0576	0.0131	0.00000593	20.9	0.0000169	0.00115	0.000194	0.00139	0.0246
2086 Feb	226	0.0809	0.259	0.00659	39.7	0.0529	56	0.00205	0.000994	0.00000564	0.00465	0.00234	0.0576	0.0131	0.00000593	20.9	0.0000169	0.00115	0.000194	0.00139	0.0246
2086 Mar	226	0.0809	0.259	0.00659	39.7	0.0529	56	0.00205	0.000994	0.00000564	0.00465	0.00234	0.0576	0.0131	0.00000593	20.9	0.0000169	0.00115	0.000194	0.00139	0.0246
2086 Apr	227	0.0809	0.259	0.00659	39.7	0.0529	56	0.00205	0.000994	0.00000564	0.00465	0.00234	0.0576	0.0131	0.00000594	20.9	0.0000169	0.00115	0.000194	0.00139	0.0246
2086 May	227	0.0809	0.259	0.00659	39.8	0.0529	56	0.00206	0.000995	0.00000564	0.00465	0.00235	0.0577	0.0131	0.00000594	20.9	0.000017	0.00115	0.000194	0.00139	0.0246
2086 Jun	227	0.081	0.261	0.00664	39.6	0.0535	57	0.00208	0.000992	0.00000564	0.00469	0.00239	0.0588	0.0132	0.00000595	21.2	0.0000172	0.00118	0.000197	0.0014	0.0249
2086 Jul	227	0.0813	0.262	0.00667	39.6	0.0538	57.6	0.00209	0.000994	0.00000565	0.00471	0.00242	0.0595	0.0133	0.00000597	21.4	0.0000173	0.0012	0.000198	0.00141	0.025
2086 Aug	228	0.0814	0.262	0.00668	39.6	0.0539	57.7	0.0021	0.000995	0.00000565	0.00472	0.00242	0.0595	0.0133	0.00000597	21.4	0.0000173	0.0012	0.000198	0.00141	0.025
2086 Sep	227	0.0813	0.262	0.00668	39.6	0.0538	57.6	0.0021	0.000995	0.00000565	0.00471	0.00242	0.0595	0.0133	0.00000597	21.4	0.0000173	0.0012	0.000198	0.00141	0.025
2086 Oct	227	0.0813	0.262	0.00668	39.6	0.0538	57.6	0.00209	0.000995	0.00000565	0.00471	0.00242	0.0595	0.0133	0.00000597	21.4	0.0000173	0.0012	0.000198	0.00141	0.025
2086 Nov	227	0.0813	0.262	0.00668	39.6	0.0538	57.6	0.0021	0.000995	0.00000565	0.00471	0.00242	0.0595	0.0133	0.00000597	21.4	0.0000173	0.0012	0.000198	0.00141	0.025
2086 Dec	227	0.0813	0.262	0.00668	39.6	0.0539	57.6	0.0021	0.000995	0.00000565	0.00471	0.00242	0.0595	0.0133	0.00000597	21.4	0.0000173	0.0012	0.000198	0.00141	0.025
2087 Jan	227	0.0813	0.262	0.00668	39.6	0.0539	57.6	0.0021	0.000995	0.00000565	0.00471	0.00242	0.0595	0.0133	0.00000597	21.4	0.0000173	0.0012	0.000198	0.00141	0.025
2087 Feb	227	0.0813	0.262	0.00668	39.6	0.0539	57.6	0.0021	0.000995	0.00000565	0.00471	0.00242	0.0595	0.0133	0.00000597	21.4	0.0000173	0.0012	0.000198	0.00141	0.025
2087 Mar	227	0.0813	0.262	0.00668	39.6	0.0539	57.7	0.0021	0.000995	0.00000565	0.00471	0.00242	0.0595	0.0133	0.00000597	21.4	0.0000173	0.0012	0.000198	0.00141	0.025
2087 Apr	227	0.0813	0.262	0.00668	39.6	0.0539	57.7	0.0021	0.000995	0.00000565	0.00472	0.00242	0.0595	0.0133	0.00000597	21.4	0.0000173	0.0012	0.000198	0.00141	0.025
2087 May	228	0.0814	0.262	0.00669	39.6	0.0539	57.8	0.0021	0.000995	0.00000565	0.00472	0.00243	0.0597	0.0133	0.00000598	21.4	0.0000174	0.0012	0.000198	0.00141	0.025
2087 Jun	228	0.0815	0.263	0.00672	39.5	0.0544	58.6	0.00212	0.000993	0.00000565	0.00475	0.00246	0.0606	0.0134	0.00000598	21.7	0.0000175	0.00122	0.0002	0.00142	0.0252
2087 Jul	228	0.0816	0.263	0.00673	39.5	0.0545	58.7	0.00212	0.000995	0.00000566	0.00475	0.00247	0.0607	0.0134	0.00000599	21.7	0.0000176	0.00123	0.0002	0.00143	0.0253
2087 Aug	229	0.0818	0.264	0.00675	39.6	0.0546	58.8	0.00213	0.000997	0.00000567	0.00476	0.00247	0.0608	0.0135	0.000006	21.7	0.0000176	0.00123	0.000201	0.00143	0.0253
2087 Sep	229	0.0818	0.264	0.00675	39.6	0.0546	58.9	0.00213	0.000998	0.00000567	0.00477	0.00247	0.0609	0.0135	0.00000601	21.8	0.0000176	0.00123	0.000201	0.00143	0.0253
2087 Oct	229	0.0818	0.264	0.00675	39.6	0.0546	58.9	0.00213	0.000997	0.00000567	0.00477	0.00247	0.0609	0.0135	0.00000601	21.8	0.0000176	0.00123	0.000201	0.00143	0.0253
2087 Nov	229	0.0818	0.264	0.00675	39.6	0.0546	58.9	0.00213	0.000997	0.00000567	0.00476	0.00247	0.0609	0.0135	0.00000601	21.8	0.0000176	0.00123	0.000201	0.00143	0.0253
2087 Dec	229	0.0818	0.264	0.00675	39.6	0.0546	58.9	0.00213	0.000997	0.00000567	0.00477	0.00247	0.0609	0.0135	0.00000601	21.8	0.0000176	0.00123	0.000201	0.00143	0.0253
2088 Jan	229	0.0818	0.264	0.00675	39.6	0.0546	58.9	0.00213	0.000997	0.00000567	0.00477	0.00247	0.0609	0.0135	0.00000601	21.8	0.0000176	0.00123	0.000201	0.00143	0.0253
2088 Feb	229	0.0818	0.264	0.00675	39.6	0.0546	58.9	0.00213	0.000997	0.00000567	0.00477	0.00247	0.0609	0.0135	0.00000601	21.8	0.0000176	0.00123	0.000201	0.00143	0.0253
2088 Mar	229	0.0818	0.264	0.00675	39.6	0.0546	58.9	0.00213	0.000997	0.00000567	0.00477	0.00247	0.0609	0.0135	0.00000601	21.8	0.0000176	0.00123	0.000201	0.00143	0.0253

Appendix D.3-3: WES

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2088 Apr	229	0.0818	0.264	0.00675	39.6	0.0546	58.9	0.00213	0.000998	0.00000568	0.00477	0.00247	0.0609	0.0135	0.00000601	21.8	0.0000176	0.00123	0.000201	0.00143	0.0253
2088 May	229	0.0819	0.264	0.00676	39.7	0.0547	58.9	0.00213	0.000999	0.00000568	0.00477	0.00248	0.0609	0.0135	0.00000602	21.8	0.0000176	0.00123	0.000201	0.00143	0.0253
2088 Jun	229	0.0818	0.264	0.00676	39.6	0.0547	59	0.00213	0.000998	0.00000568	0.00477	0.00248	0.061	0.0135	0.00000601	21.8	0.0000176	0.00123	0.000201	0.00143	0.0254
2088 Jul	229	0.082	0.265	0.00677	39.7	0.0548	59.1	0.00214	0.001	0.00000569	0.00478	0.00249	0.0612	0.0135	0.00000602	21.9	0.0000177	0.00124	0.000202	0.00144	0.0254
2088 Aug	230	0.0822	0.266	0.00679	39.8	0.055	59.3	0.00214	0.001	0.0000057	0.0048	0.00249	0.0613	0.0136	0.00000604	21.9	0.0000177	0.00124	0.000202	0.00144	0.0255
2088 Sep	230	0.0823	0.266	0.0068	39.8	0.055	59.3	0.00214	0.001	0.00000571	0.0048	0.00249	0.0614	0.0136	0.00000605	21.9	0.0000178	0.00124	0.000202	0.00144	0.0255
2088 Oct	230	0.0822	0.265	0.00679	39.8	0.0549	59.3	0.00214	0.001	0.0000057	0.00479	0.00249	0.0613	0.0136	0.00000604	21.9	0.0000177	0.00124	0.000202	0.00144	0.0255
2088 Nov	230	0.0822	0.265	0.00678	39.7	0.0549	59.2	0.00214	0.001	0.0000057	0.00479	0.00249	0.0613	0.0136	0.00000604	21.9	0.0000177	0.00124	0.000202	0.00144	0.0255
2088 Dec	230	0.0822	0.265	0.00679	39.7	0.0549	59.2	0.00214	0.001	0.0000057	0.00479	0.00249	0.0613	0.0136	0.00000604	21.9	0.0000177	0.00124	0.000202	0.00144	0.0255
2089 Jan	230	0.0822	0.265	0.00679	39.7	0.0549	59.2	0.00214	0.001	0.0000057	0.00479	0.00249	0.0613	0.0136	0.00000604	21.9	0.0000177	0.00124	0.000202	0.00144	0.0255
2089 Feb	230	0.0822	0.265	0.00679	39.7	0.0549	59.2	0.00214	0.001	0.0000057	0.00479	0.00249	0.0613	0.0136	0.00000604	21.9	0.0000177	0.00124	0.000202	0.00144	0.0255
2089 Mar	230	0.0822	0.265	0.00679	39.7	0.0549	59.3	0.00214	0.001	0.0000057	0.00479	0.00249	0.0613	0.0136	0.00000604	21.9	0.0000177	0.00124	0.000202	0.00144	0.0255
2089 Apr	230	0.0822	0.265	0.00679	39.8	0.0549	59.3	0.00214	0.001	0.0000057	0.00479	0.00249	0.0613	0.0136	0.00000604	21.9	0.0000177	0.00124	0.000202	0.00144	0.0255
2089 May	230	0.0822	0.265	0.00679	39.8	0.055	59.3	0.00214	0.001	0.0000057	0.0048	0.00249	0.0614	0.0136	0.00000604	21.9	0.0000178	0.00124	0.000202	0.00144	0.0255
2089 Jun	230	0.0823	0.266	0.0068	39.7	0.0551	59.6	0.00215	0.001	0.0000057	0.00481	0.00251	0.0617	0.0136	0.00000604	22	0.0000178	0.00125	0.000203	0.00144	0.0256
2089 Jul	230	0.0824	0.266	0.00682	39.8	0.0552	59.7	0.00215	0.001	0.00000571	0.00482	0.00251	0.0618	0.0136	0.00000605	22.1	0.0000179	0.00125	0.000204	0.00145	0.0257
2089 Aug	230	0.0825	0.267	0.00683	39.8	0.0553	59.8	0.00216	0.00101	0.00000572	0.00483	0.00252	0.0619	0.0137	0.00000606	22.1	0.0000179	0.00125	0.000204	0.00145	0.0257
2089 Sep	231	0.0826	0.267	0.00683	39.8	0.0553	59.9	0.00216	0.00101	0.00000572	0.00483	0.00252	0.0619	0.0137	0.00000607	22.1	0.0000179	0.00126	0.000204	0.00145	0.0257
2089 Oct	230	0.0825	0.266	0.00682	39.8	0.0553	59.9	0.00216	0.001	0.00000571	0.00482	0.00252	0.062	0.0137	0.00000606	22.1	0.0000179	0.00126	0.000204	0.00145	0.0257
2089 Nov	230	0.0825	0.267	0.00683	39.8	0.0553	59.9	0.00216	0.001	0.00000571	0.00483	0.00252	0.062	0.0137	0.00000606	22.1	0.0000179	0.00126	0.000204	0.00145	0.0257
2089 Dec	230	0.0825	0.267	0.00683	39.8	0.0553	59.9	0.00216	0.001	0.00000571	0.00483	0.00252	0.062	0.0137	0.00000606	22.1	0.0000179	0.00126	0.000204	0.00145	0.0257
2090 Jan	230	0.0825	0.267	0.00683	39.8	0.0553	59.9	0.00216	0.001	0.00000571	0.00483	0.00252	0.062	0.0137	0.00000606	22.1	0.0000179	0.00126	0.000204	0.00145	0.0257
2090 Feb	230	0.0825	0.267	0.00683	39.8	0.0553	59.9	0.00216	0.001	0.00000571	0.00483	0.00252	0.062	0.0137	0.00000606	22.1	0.0000179	0.00126	0.000204	0.00145	0.0257
2090 Mar	230	0.0825	0.267	0.00683	39.8	0.0554	59.9	0.00216	0.001	0.00000571	0.00483	0.00252	0.062	0.0137	0.00000606	22.1	0.0000179	0.00126	0.000204	0.00145	0.0257
2090 Apr	230	0.0825	0.267	0.00683	39.8	0.0554	59.9	0.00216	0.001	0.00000572	0.00483	0.00252	0.062	0.0137	0.00000606	22.1	0.0000179	0.00126	0.000204	0.00145	0.0257
2090 May	230	0.0825	0.267	0.00683	39.8	0.0554	60	0.00216	0.001	0.00000572	0.00483	0.00252	0.0621	0.0137	0.00000606	22.1	0.0000179	0.00126	0.000204	0.00145	0.0257
2090 Jun	231	0.0826	0.268	0.00689	39.5	0.0561	61.3	0.00219	0.001	0.00000571	0.00487	0.00258	0.0636	0.0138	0.00000608	22.5	0.0000182	0.0013	0.000207	0.00147	0.026
2090 Jul	231	0.0828	0.269	0.00691	39.6	0.0563	61.7	0.0022	0.001	0.00000572	0.00489	0.0026	0.064	0.0139	0.00000609	22.6	0.0000183	0.00131	0.000208	0.00147	0.0261
2090 Aug	231	0.0828	0.269	0.00692	39.5	0.0565	61.9	0.0022	0.001	0.00000572	0.00489	0.00261	0.0643	0.0139	0.00000609	22.7	0.0000183	0.00131	0.000208	0.00147	0.0261
2090 Sep	231	0.0828	0.269	0.00694	39.5	0.0566	62.2	0.00221	0.001	0.00000572	0.0049	0.00263	0.0647	0.0139	0.0000061	22.8	0.0000184	0.00132	0.000209	0.00148	0.0261
2090 Oct	232	0.0828	0.269	0.00696	39.4	0.0569	62.8	0.00223	0.001	0.00000571	0.00492	0.00265	0.0653	0.014	0.0000061	22.9	0.0000185	0.00134	0.00021	0.00149	0.0262
2090 Nov	232	0.0828	0.27	0.00697	39.3	0.057	63	0.00223	0.001	0.00000571	0.00492	0.00266	0.0655	0.014	0.0000061	23	0.0000186	0.00134	0.00021	0.00149	0.0263
2090 Dec	232	0.0828	0.27	0.00697	39.3	0.057	63	0.00223	0.001	0.00000571	0.00492	0.00266	0.0655	0.014	0.0000061	23	0.0000186	0.00134	0.00021	0.00149	0.0263
2091 Jan	232	0.0828	0.27	0.00697	39.3	0.057	63	0.00223	0.001	0.00000571	0.00492	0.00266	0.0655	0.014	0.0000061	23	0.0000186	0.00134	0.00021	0.00149	0.0263
2091 Feb	232	0.0828	0.27	0.00697	39.3	0.057	63	0.00223	0.001	0.00000571	0.00492	0.00266	0.0655	0.014	0.0000061	23	0.0000186	0.00134	0.00021	0.00149	0.0263
2091 Mar	232	0.0829	0.27	0.00697	39.3	0.057	63	0.00223	0.001	0.00000571	0.00492	0.00266	0.0655	0.014	0.0000061	23	0.0000186	0.00134	0.00021	0.00149	0.0263
2091 Apr	232	0.0829	0.27	0.00697	39.3	0.0571	63	0.00223	0.001	0.00000572	0.00493	0.00266	0.0656	0.014	0.0000061	23	0.0000186	0.00134	0.00021	0.00149	0.0263
2091 May	232	0.0829	0.27	0.00698	39.4	0.0571	63.1	0.00223	0.001	0.00000572	0.00493	0.00266	0.0656	0.014	0.00000611	23	0.0000186	0.00135	0.00021	0.00149	0.0263
2091 Jun	232	0.083	0.27	0.00701	39.2	0.0576	64	0.00225	0.000999	0.00000572	0.00496	0.0027	0.0666	0.0141	0.00000612	23.3	0.0000188	0.00137	0.000212	0.0015	0.0265
2091 Jul	233	0.0832	0.271	0.00703	39.3	0.0578	64.2	0.00226	0.001	0.00000573	0.00497	0.00271	0.0669	0.0141	0.00000613	23.4	0.0000188	0.00138	0.000213	0.00151	0.0266
2091 Aug	233	0.0832	0.271	0.00703	39.3	0.0578	64.2	0.00226	0.001	0.00000573	0.00498	0.00271	0.0669	0.0141	0.00000614	23.4	0.0000189	0.00138	0.000213	0.00151	0.0266
2091 Sep	233	0.0832	0.271	0.00703	39.3	0.0578	64.2	0.00226	0.001	0.00000573	0.00498	0.00271	0.0669	0.0141	0.00000614	23.4	0.0000189	0.00138	0.000213	0.00151	0.0266
2091 Oct	233	0.0832	0.271	0.00704	39.2	0.0579	64.5	0.00227	0.001	0.00000573	0.00498	0.00273	0.0672	0.0142	0.00000614	23.4	0.0000189	0.00138	0.000213	0.00151	0.0266
2091 Nov	233	0.0832	0.272	0.00705	39.2	0.0581	64.8	0.00227	0.001	0.00000573	0.00499	0.00274	0.0675	0.0142	0.00000614	23.5	0.000019	0.00139	0.000214	0.00151	0.0266
2091 Dec	233	0.0832	0.272	0.00705	39.2	0.0581	64.8	0.00227	0.001	0.00000573	0.00499	0.00274	0.0676	0.0142	0.00000614	23.5	0.000019	0.00139	0.000214	0.00151	0.0266
2092 Jan	233	0.0832	0.272	0.00705	39.2	0.0581	64.8	0.00227	0.001	0.00000573	0.00499	0.00274	0.0676	0.0142	0.00000614	23.5	0.000019	0.00139	0.000214	0.00151	0.0266
2092 Feb	233	0.0832	0.272	0.00705	39.2	0.0581	64.8	0.00228	0.001	0.00000573	0.00499	0.00274	0.0676	0.0142	0.00000614	23.5	0.000019	0.00139	0.000214	0.00151	0.0266
2092 Mar	233	0.0832	0.272	0.00705	39.2	0.0581	64.8	0.00228	0.001	0.00000573	0.00499	0.00274	0.0676	0.0142	0.00000614	23.5	0.000019	0.00139	0.000214	0.00151	0.0266
2092 Apr	233	0.0832	0.272	0.00706	39.2	0.0581	64.8	0.00228	0.001	0.00000573	0.00499	0.00274	0.0676	0.0142	0.00000614	23.5	0.000019	0.00139	0.000214	0.00151	0.0267
2092 May	233	0.0833	0.272	0.00706	39.2	0.0582	64.9	0.00228	0.001	0.00000573	0.005	0.00275	0.0677	0.0142	0.00000614	23.6	0.000019	0.0014	0.000215	0.00151	0.0267
2092 Jun	233	0.0833	0.273	0.00712	38.8	0.059	66.6	0.00232	0.000996	0.00000572	0.00504	0.00282	0.0696	0.0144	0.00000616	24	0.0000193	0.00144	0.000218	0.00153	0.027
2092 Jul	234	0.0834	0.273	0.00715	38.8	0.0593	67	0.00233	0.000997	0.00000573	0.00506	0.00284	0.0701	0.0144	0.00000617	24.2	0.0000194	0.00146	0.000219	0.00154	0.0271
2092 Aug	234	0.0836	0.274	0.00716	38.9	0.0594	67.2	0.00233	0.000999	0.00000574	0.00507	0.00285	0.0702	0.0145	0.00000618	24.2	0.0000195	0.00146	0.000219	0.00154	0.0271
2092 Sep	234	0.0836	0.274	0.00716	38.9	0.0594	67.2	0.00233	0.000999	0.00000574	0.00507	0.00285	0.0702	0.0145	0.00000618	24.2	0.0000195	0.00146	0.000219	0.00154	0.0271
2092 Oct	234	0.0836	0.274	0.00716	38.9	0.0594	67.2	0.00233	0.000999	0.00000574	0.00507	0.00285	0.0702	0.0145	0.00000618	24.2	0.0000195	0.00146	0.000219	0.00154	0.0271
2092 Nov	234	0.0836	0.274	0.00716	38.9	0.0594	67.2	0.00233	0.000999	0.00000574	0.00507	0.00285	0.0702	0.0145	0.00000618	24.2	0.0000195	0.00146	0.000219	0.00154	0.0271
2092 Dec	234	0.0836	0.274	0.00716	38.9	0.0594	67.2	0.00233	0.000999	0.00000574	0.00507	0.00285	0.0702	0.0145	0.00000618	24.2	0.0000195	0.00146	0.000219	0.00154	0.0271
2093 Jan	234	0.0836	0.274	0.00716	38.9	0.0594	67.2	0.00233	0.000999	0.00000574	0.00507	0.00285	0.0702	0.0145	0.00000618	24.2	0.0000195	0.00146	0.000219	0.00154	0.0271
2093 Feb	234	0.0836	0.274	0.00716	38.9	0.0594	67.2	0.00233	0.000999	0.00000574	0.00507	0.00285	0.0702	0.0145	0.00000618	24.2	0.0000195	0.00146	0.000219	0.00154	0.0271
2093 Mar	234	0.0836	0.274	0.00716	38.9	0.0594	67.2	0.00233	0.000999	0.00000574	0.00507	0.00285	0.0702	0.0145	0.00000618	24.2	0.0000195	0.00146	0.000219	0.00154	0.0271
2093 Apr	234	0.0836	0.274	0.00716	38.9	0.0594	67.2	0.00233	0.000999	0.00000574	0.00507	0.00285	0.0703	0.0145	0.00000618	24.2	0.0000195	0.00146	0.000219	0.00154	0.0271
2093 May	234	0.0837	0.274	0.00717	38.9	0.0595	67.3	0.00233	0.001	0.00000574	0.00508	0.00285	0.0703	0.0145	0.00000619	24.2	0.0000195	0.00146	0.00022	0.00155	0.0272
2093 Jun	234	0.0836	0.274	0.0072	38.8	0.0599	68.1	0.00235	0.000998	0.00000574	0.0051	0.00289	0.0712	0.0145	0.00000619	24.5	0.0000197	0.00148	0.000221	0.00156	0.0273
2093 Jul	235	0.0838	0.275	0.00722	38.8	0.0601	68.3	0.00236	0.001	0.00000575	0.00511	0.0029	0.0715	0.0146	0.0000062	24.5	0.0000197	0.00149	0.000222	0.00156	0.0274
2093 Aug	235	0.084	0.275	0.00723	38.9	0.0602	68.4	0.00237	0.001	0.00000576	0.00512	0.0029	0.0717	0.0146	0.00000622	24.6	0.0000198	0.00149	0.000222	0.00156	0.0274
2093 Sep	235	0.084	0.275	0.00723	38.9	0.0602	68.5	0.00237	0.001	0.00000576	0.00512	0.0029	0.0717	0.0146	0.00000622	24.6	0.0000198	0.00149	0.000222	0.00156	0.0274
2093 Oct	235	0.0839	0.275	0.00722	38.8	0.0602	68.5	0.00236	0.001	0.00000575	0.00512	0.0029	0.0717	0.0146	0.00000621	24.6	0.0000198	0.00149	0.000222	0.00156	0.0274
2093 Nov	235	0.0838	0.275	0.00723	38.8	0.0603	68.6	0.00237	0.000999	0.00000575	0.00512	0.00291	0.0719	0.0146	0.00000621	24.6	0.0000198	0.0015	0.000222	0.00156	0.0274
2093 Dec	235	0.0839	0.275	0.00723	38.8	0.0603	68.6	0.00237	0.000999	0.00000575	0.00512	0.00291	0.0719	0.0146	0.00000621	24.6	0.0000198	0.0015	0.000222	0.00156	0.0274
2094 Jan	235	0.0839	0.275	0.00723	38.8	0.0603	68.6	0.00237	0.000999	0.00000575	0.00512	0.00291	0.0719	0.0146	0.00000621	24.6	0.0000198	0.0015	0.000222	0.00156	0.0274
2094 Feb	235	0.0839	0.275	0.00723	38.8	0.0603	68.6	0.00237	0.000999	0.00000575	0.00512	0.00291	0.0719	0.0146	0.00000621	24.6	0.0000198	0.0015	0.000222	0.00156	0.0274
2094 Mar	235	0.0839	0.275	0.00723	38.8	0.0603	68.6	0.00237	0.000999	0.00000575	0.00512	0.00291	0.0719	0.0146	0.00000621	24.6	0.0000198	0.0015	0.000222	0.00156	0.0274
2094 Apr	235	0.0839	0.275	0.00723	38.8	0.0603	68.6	0.00237	0.000999	0.00000575	0.00512	0.00291	0.0719	0.0146	0.00000621	24.6	0.0000198	0.0015	0.000222	0.00156	0.0274
2094 May	235	0.0839	0.275	0.00724	38.8	0.0604	68.9	0.00237	0.000999	0.00000575	0.00513	0.00292	0.0722	0.0147	0.00000621	24.7	0.0000199	0.00151	0.000223	0.00157	0.0275
2094 Jun	236	0.084	0.276	0.00728	38.7	0.0609	69.7	0.00239	0.000999	0.00000576	0.00516	0.00296	0.0731	0.0147	0.00000623	24.9	0.00002	0.00153	0.000225	0.00158	0.0277
2094 Jul	236	0.0843	0.277	0.0073	38.8	0.061	69.9	0.0024	0.001	0.00000577	0.00517	0.00297	0.0733	0.0148	0.00000625	25	0.0000201	0.00153	0.000225	0.00158	0.0278
2094 Aug	237	0.0845	0.277	0.00732	38.9	0.0612	70.1	0.00241	0.001	0.00000579	0.00519	0.00298	0.0735	0.0148	0.00000627	25.1	0.0000202	0.00154	0.000226	0.00159	0.0278

Appendix D.3-3: WES

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2094 Sep	237	0.0845	0.278	0.00732	38.9	0.0612	70.1	0.00241	0.001	0.00000579	0.00519	0.00298	0.0735	0.0148	0.00000627	25.1	0.0000202	0.00154	0.000226	0.00159	0.0278
2094 Oct	237	0.0844	0.277	0.00731	38.8	0.0612	70	0.0024	0.001	0.00000578	0.00518	0.00297	0.0734	0.0148	0.00000626	25.1	0.0000201	0.00154	0.000226	0.00159	0.0278
2094 Nov	237	0.0843	0.277	0.0073	38.8	0.0611	69.9	0.0024	0.001	0.00000578	0.00518	0.00297	0.0733	0.0148	0.00000625	25	0.0000201	0.00153	0.000226	0.00158	0.0278
2094 Dec	237	0.0843	0.277	0.0073	38.8	0.0611	69.9	0.0024	0.001	0.00000577	0.00518	0.00297	0.0733	0.0148	0.00000625	25	0.0000201	0.00153	0.000226	0.00158	0.0278
2095 Jan	237	0.0843	0.277	0.0073	38.8	0.0611	69.9	0.0024	0.001	0.00000578	0.00518	0.00297	0.0733	0.0148	0.00000625	25	0.0000201	0.00153	0.000226	0.00158	0.0278
2095 Feb	237	0.0843	0.277	0.0073	38.8	0.0611	69.9	0.0024	0.001	0.00000578	0.00518	0.00297	0.0733	0.0148	0.00000625	25	0.0000201	0.00153	0.000226	0.00158	0.0278
2095 Mar	237	0.0843	0.277	0.0073	38.8	0.0611	69.9	0.0024	0.001	0.00000578	0.00518	0.00297	0.0733	0.0148	0.00000625	25	0.0000201	0.00153	0.000226	0.00158	0.0278
2095 Apr	237	0.0843	0.277	0.0073	38.8	0.0611	69.9	0.0024	0.001	0.00000578	0.00518	0.00297	0.0733	0.0148	0.00000625	25	0.0000201	0.00153	0.000226	0.00158	0.0278
2095 May	237	0.0844	0.277	0.00731	38.8	0.0611	70	0.0024	0.001	0.00000578	0.00518	0.00297	0.0734	0.0148	0.00000625	25.1	0.0000201	0.00154	0.000226	0.00159	0.0278
2095 Jun	237	0.0844	0.277	0.00732	38.8	0.0613	70.3	0.00241	0.001	0.00000578	0.00519	0.00299	0.0737	0.0149	0.00000626	25.2	0.0000202	0.00154	0.000227	0.00159	0.0279
2095 Jul	238	0.0847	0.278	0.00734	38.9	0.0615	70.5	0.00242	0.00101	0.0000058	0.00521	0.003	0.074	0.0149	0.00000628	25.2	0.0000203	0.00155	0.000227	0.00159	0.028
2095 Aug	238	0.0847	0.278	0.00734	38.9	0.0615	70.5	0.00242	0.00101	0.0000058	0.00521	0.003	0.074	0.0149	0.00000628	25.2	0.0000203	0.00155	0.000227	0.00159	0.028
2095 Sep	238	0.0847	0.278	0.00735	38.9	0.0615	70.5	0.00242	0.00101	0.0000058	0.00521	0.003	0.074	0.0149	0.00000628	25.2	0.0000203	0.00155	0.000227	0.00159	0.028
2095 Oct	238	0.0847	0.278	0.00735	38.9	0.0615	70.5	0.00242	0.00101	0.0000058	0.00521	0.003	0.074	0.0149	0.00000628	25.2	0.0000203	0.00155	0.000227	0.00159	0.028
2095 Nov	238	0.0847	0.278	0.00734	38.9	0.0615	70.5	0.00242	0.00101	0.0000058	0.00521	0.00299	0.0739	0.0149	0.00000628	25.2	0.0000203	0.00155	0.000227	0.00159	0.028
2095 Dec	238	0.0847	0.278	0.00734	38.9	0.0615	70.5	0.00242	0.00101	0.0000058	0.00521	0.00299	0.0739	0.0149	0.00000628	25.2	0.0000203	0.00155	0.000227	0.00159	0.028
2096 Jan	238	0.0847	0.278	0.00734	38.9	0.0615	70.5	0.00242	0.00101	0.0000058	0.00521	0.00299	0.0739	0.0149	0.00000628	25.2	0.0000203	0.00155	0.000227	0.00159	0.028
2096 Feb	238	0.0847	0.278	0.00734	38.9	0.0615	70.5	0.00242	0.00101	0.0000058	0.00521	0.00299	0.0739	0.0149	0.00000628	25.2	0.0000203	0.00155	0.000227	0.00159	0.028
2096 Mar	238	0.0847	0.278	0.00734	38.9	0.0615	70.5	0.00242	0.00101	0.0000058	0.00521	0.003	0.0739	0.0149	0.00000628	25.2	0.0000203	0.00155	0.000227	0.00159	0.028
2096 Apr	238	0.0847	0.278	0.00734	38.9	0.0615	70.5	0.00242	0.00101	0.0000058	0.00521	0.003	0.074	0.0149	0.00000628	25.2	0.0000203	0.00155	0.000227	0.00159	0.028
2096 May	238	0.0847	0.278	0.00735	38.9	0.0615	70.5	0.00242	0.00101	0.0000058	0.00521	0.003	0.074	0.0149	0.00000628	25.2	0.0000203	0.00155	0.000227	0.0016	0.028
2096 Jun	238	0.0847	0.278	0.00739	38.6	0.0622	71.8	0.00245	0.001	0.00000579	0.00525	0.00305	0.0754	0.015	0.00000629	25.6	0.0000205	0.00159	0.00023	0.00161	0.0282
2096 Jul	239	0.0849	0.279	0.00742	38.7	0.0625	72.4	0.00246	0.001	0.0000058	0.00527	0.00308	0.0761	0.0151	0.00000631	25.8	0.0000207	0.0016	0.000231	0.00162	0.0283
2096 Aug	239	0.0851	0.28	0.00744	38.7	0.0627	72.5	0.00247	0.00101	0.00000582	0.00528	0.00309	0.0763	0.0151	0.00000632	25.8	0.0000207	0.0016	0.000232	0.00162	0.0284
2096 Sep	239	0.085	0.28	0.00744	38.7	0.0627	72.5	0.00247	0.00101	0.00000582	0.00528	0.00309	0.0762	0.0151	0.00000632	25.8	0.0000207	0.0016	0.000232	0.00162	0.0284
2096 Oct	239	0.0849	0.279	0.00742	38.7	0.0626	72.4	0.00247	0.00101	0.00000581	0.00527	0.00308	0.0761	0.0151	0.00000631	25.8	0.0000207	0.0016	0.000231	0.00162	0.0283
2096 Nov	239	0.0849	0.279	0.00742	38.7	0.0626	72.4	0.00246	0.00101	0.00000581	0.00527	0.00308	0.0761	0.0151	0.00000631	25.8	0.0000207	0.0016	0.000231	0.00162	0.0283
2096 Dec	239	0.0849	0.279	0.00742	38.7	0.0626	72.4	0.00246	0.00101	0.00000581	0.00527	0.00308	0.0761	0.0151	0.00000631	25.8	0.0000207	0.0016	0.000231	0.00162	0.0283
2097 Jan	239	0.0849	0.279	0.00742	38.7	0.0626	72.4	0.00246	0.00101	0.00000581	0.00527	0.00308	0.0761	0.0151	0.00000631	25.8	0.0000207	0.0016	0.000231	0.00162	0.0283
2097 Feb	239	0.0849	0.279	0.00742	38.7	0.0626	72.4	0.00246	0.00101	0.00000581	0.00527	0.00308	0.0761	0.0151	0.00000631	25.8	0.0000207	0.0016	0.000231	0.00162	0.0283
2097 Mar	239	0.0849	0.279	0.00742	38.7	0.0626	72.4	0.00246	0.00101	0.00000581	0.00527	0.00308	0.0761	0.0151	0.00000631	25.8	0.0000207	0.0016	0.000231	0.00162	0.0283
2097 Apr	239	0.0849	0.279	0.00743	38.7	0.0626	72.4	0.00247	0.00101	0.00000581	0.00528	0.00308	0.0761	0.0151	0.00000631	25.8	0.0000207	0.0016	0.000231	0.00162	0.0283
2097 May	239	0.085	0.28	0.00743	38.7	0.0626	72.5	0.00247	0.00101	0.00000581	0.00528	0.00308	0.0762	0.0151	0.00000632	25.8	0.0000207	0.0016	0.000231	0.00162	0.0284
2097 Jun	239	0.085	0.28	0.00745	38.6	0.0629	73	0.00248	0.00101	0.00000581	0.0053	0.00311	0.0768	0.0152	0.00000633	25.9	0.0000208	0.00162	0.000233	0.00163	0.0285
2097 Jul	240	0.0852	0.28	0.00747	38.7	0.0631	73.2	0.00249	0.00101	0.00000583	0.00531	0.00312	0.077	0.0152	0.00000634	26	0.0000209	0.00162	0.000233	0.00163	0.0286
2097 Aug	240	0.0854	0.281	0.00748	38.8	0.0632	73.3	0.00249	0.00101	0.00000584	0.00532	0.00312	0.0771	0.0152	0.00000635	26.1	0.0000209	0.00163	0.000234	0.00164	0.0286
2097 Sep	241	0.0854	0.281	0.00749	38.8	0.0633	73.4	0.00249	0.00101	0.00000584	0.00532	0.00312	0.0772	0.0153	0.00000636	26.1	0.0000209	0.00163	0.000234	0.00164	0.0286
2097 Oct	240	0.0854	0.281	0.00749	38.8	0.0632	73.4	0.00249	0.00101	0.00000584	0.00532	0.00312	0.0772	0.0153	0.00000636	26.1	0.0000209	0.00163	0.000234	0.00164	0.0286
2097 Nov	240	0.0854	0.281	0.00748	38.8	0.0632	73.3	0.00249	0.00101	0.00000584	0.00532	0.00312	0.0771	0.0152	0.00000635	26.1	0.0000209	0.00163	0.000234	0.00164	0.0286
2097 Dec	240	0.0854	0.281	0.00748	38.8	0.0632	73.3	0.00249	0.00101	0.00000584	0.00532	0.00312	0.0771	0.0152	0.00000635	26.1	0.0000209	0.00163	0.000234	0.00163	0.0286
2098 Jan	240	0.0854	0.281	0.00748	38.8	0.0632	73.3	0.00249	0.00101	0.00000584	0.00532	0.00312	0.0771	0.0152	0.00000635	26.1	0.0000209	0.00163	0.000234	0.00163	0.0286
2098 Feb	240	0.0854	0.281	0.00748	38.8	0.0632	73.3	0.00249	0.00101	0.00000584	0.00532	0.00312	0.0771	0.0152	0.00000635	26.1	0.0000209	0.00163	0.000234	0.00164	0.0286
2098 Mar	240	0.0854	0.281	0.00748	38.8	0.0632	73.3	0.00249	0.00101	0.00000584	0.00532	0.00312	0.0771	0.0152	0.00000635	26.1	0.0000209	0.00163	0.000234	0.00164	0.0286
2098 Apr	240	0.0854	0.281	0.00749	38.8	0.0632	73.3	0.00249	0.00101	0.00000584	0.00532	0.00312	0.0771	0.0152	0.00000635	26.1	0.0000209	0.00163	0.000234	0.00164	0.0286
2098 May	240	0.0854	0.281	0.00749	38.8	0.0632	73.4	0.00249	0.00101	0.00000584	0.00532	0.00312	0.0772	0.0153	0.00000636	26.1	0.0000209	0.00163	0.000234	0.00164	0.0287
2098 Jun	240	0.0853	0.281	0.00751	38.5	0.0637	74.3	0.00251	0.00101	0.00000583	0.00535	0.00317	0.0783	0.0154	0.00000636	26.4	0.0000211	0.00165	0.000236	0.00165	0.0288
2098 Jul	241	0.0855	0.281	0.00754	38.6	0.064	74.7	0.00252	0.00101	0.00000584	0.00537	0.00318	0.0786	0.0154	0.00000638	26.5	0.0000212	0.00166	0.000237	0.00165	0.0289
2098 Aug	241	0.0856	0.282	0.00754	38.6	0.064	74.7	0.00252	0.00101	0.00000585	0.00537	0.00318	0.0787	0.0154	0.00000638	26.5	0.0000212	0.00166	0.000237	0.00165	0.0289
2098 Sep	241	0.0855	0.281	0.00754	38.6	0.0639	74.7	0.00252	0.00101	0.00000584	0.00537	0.00318	0.0786	0.0154	0.00000637	26.5	0.0000212	0.00166	0.000237	0.00165	0.0289
2098 Oct	241	0.0854	0.281	0.00755	38.5	0.0641	75.1	0.00253	0.00101	0.00000583	0.00537	0.0032	0.0791	0.0154	0.00000637	26.6	0.0000213	0.00167	0.000237	0.00166	0.0289
2098 Nov	241	0.0854	0.281	0.00756	38.4	0.0643	75.3	0.00254	0.00101	0.00000583	0.00538	0.00321	0.0794	0.0155	0.00000638	26.6	0.0000213	0.00168	0.000238	0.00166	0.029
2098 Dec	241	0.0854	0.281	0.00756	38.4	0.0643	75.3	0.00254	0.00101	0.00000583	0.00538	0.00321	0.0794	0.0155	0.00000638	26.6	0.0000213	0.00168	0.000238	0.00166	0.029
2099 Jan	241	0.0854	0.281	0.00756	38.4	0.0643	75.3	0.00254	0.00101	0.00000583	0.00538	0.00321	0.0794	0.0155	0.00000638	26.6	0.0000213	0.00168	0.000238	0.00166	0.029
2099 Feb	241	0.0854	0.281	0.00756	38.4	0.0643	75.3	0.00254	0.00101	0.00000583	0.00538	0.00321	0.0794	0.0155	0.00000638	26.6	0.0000213	0.00168	0.000238	0.00166	0.029
2099 Mar	241	0.0854	0.281	0.00756	38.4	0.0643	75.3	0.00254	0.00101	0.00000583	0.00538	0.00321	0.0794	0.0155	0.00000638	26.6	0.0000213	0.00168	0.000238	0.00166	0.029
2099 Apr	241	0.0855	0.281	0.00756	38.5	0.0643	75.4	0.00254	0.00101	0.00000584	0.00538	0.00321	0.0794	0.0155	0.00000638	26.7	0.0000213	0.00168	0.000238	0.00166	0.029
2099 May	241	0.0854	0.281	0.00758	38.4	0.0646	75.8	0.00255	0.00101	0.00000583	0.0054	0.00323	0.08	0.0155	0.00000638	26.8	0.0000214	0.0017	0.000239	0.00167	0.0291
2099 Jun	242	0.0854	0.281	0.0076	38.2	0.0649	76.5	0.00257	0.001	0.00000583	0.00542	0.00326	0.0807	0.0156	0.00000639	27	0.0000216	0.00171	0.00024	0.00167	0.0292
2099 Jul	242	0.0856	0.282	0.00762	38.3	0.0651	76.7	0.00257	0.00101	0.00000585	0.00543	0.00327	0.0809	0.0156	0.0000064	27.1	0.0000216	0.00172	0.000241	0.00168	0.0293
2099 Aug	243	0.0858	0.283	0.00763	38.4	0.0652	76.9	0.00258	0.00101	0.00000586	0.00544	0.00328	0.0811	0.0157	0.00000642	27.1	0.0000217	0.00172	0.000242	0.00168	0.0294
2099 Sep	243	0.0858	0.283	0.00763	38.4	0.0652	76.8	0.00258	0.00101	0.00000586	0.00544	0.00328	0.081	0.0156	0.00000641	27.1	0.0000217	0.00172	0.000241	0.00168	0.0293
2099 Oct	242	0.0857	0.282	0.00762	38.4	0.0651	76.8	0.00257	0.00101	0.00000585	0.00544	0.00328	0.081	0.0156	0.00000641	27.1	0.0000217	0.00172	0.000241	0.00168	0.0293
2099 Nov	242	0.0857	0.282	0.00763	38.3	0.0652	76.9	0.00258	0.00101	0.00000585	0.00544	0.00328	0.0811	0.0156	0.00000641	27.1	0.0000217	0.00172	0.000241	0.00168	0.0293
2099 Dec	242	0.0857	0.282	0.00763	38.3	0.0652	76.9	0.00258	0.00101	0.00000585	0.00544	0.00328	0.0812	0.0156	0.00000641	27.1	0.0000217	0.00172	0.000241	0.00168	0.0293
2100 Jan	243	0.0857	0.282	0.00763	38.3	0.0652	76.9	0.00258	0.00101	0.00000585	0.00544	0.00328	0.0812	0.0156	0.00000641	27.1	0.0000217	0.00173	0.000241	0.00168	0.0293
2100 Feb	243	0.0857	0.282	0.00763	38.3	0.0652	76.9	0.00258	0.00101	0.00000585	0.00544	0.00328	0.0812	0.0156	0.00000641	27.1	0.0000217	0.00173	0.000241	0.00168	0.0293
2100 Mar	243	0.0857	0.282	0.00763	38.3	0.0652	76.9	0.00258	0.00101	0.00000585	0.00544	0.00328	0.0812	0.0156	0.00000641	27.1	0.0000217	0.00173	0.000241	0.00168	0.0293
2100 Apr	243	0.0857	0.282	0.00763	38.3	0.0652	77	0.00258	0.00101	0.00000585	0.00544	0.00328	0.0812	0.0156	0.00000641	27.1	0.0000217	0.00173	0.000242	0.00168	0.0293
2100 May	243	0.0858	0.282	0.00764	38.3	0.0653	77.1	0.00258	0.00101	0.00000585	0.00545	0.00329	0.0813	0.0157	0.00000642	27.2	0.0000217	0.00173	0.000242	0.00168	0.0294
2100 Jun	243	0.0857	0.282	0.00767	38.1	0.0659	78.3	0.00261	0.001	0.00000584	0.00548	0.00334	0.0827	0.0158	0.00000642	27.5	0.000022	0.00176	0.000244	0.0017	0.0296
2100 Jul	243	0.0858	0.283	0.00769	38.1	0.0661	78.6	0.00262	0.00101	0.00000585	0.00549	0.00336	0.083	0.0158	0.00000643	27.6	0.000022	0.00177	0.000245	0.0017	0.0296
2100 Aug	243	0.0858	0.283	0.00769	38.1	0.0661	78.6	0.00262	0.00101	0.00000585	0.00549	0.00336	0.0831	0.0158	0.00000643	27.6	0.000022	0.00177	0.000245	0.0017	0.0297
2100 Sep	244	0.0858	0.283	0.0077	38.1	0.0662	78.8	0.00262	0.00101	0.00000585	0.00549	0.00336	0.0832	0.0158	0.00000644	27.6	0.0000221	0.00178	0.000245	0.00171	0.0297
2100 Oct	244	0.0858	0.283	0.0077	38.1	0.0662	78.8	0.00262	0.00101	0.00000585	0.0055	0.00337	0.0833	0.0158	0.00000644	27.7	0.0000221	0.00178	0.000245	0.00171	0.0297
2100 Nov	244	0.0858	0.283	0.0077	38.1	0.0663	78.9	0.00263	0.00101	0.00000585	0.0055	0.00337	0.0833	0.0158	0.00000644	27.7	0.0000221	0.00178	0.000245	0.00171	0.0297
2100 Dec	244	0.0858	0.283	0.0077	38.1	0.0663	78.9	0.00263	0.00101	0.00000585	0.0055	0.00337	0.0833	0.0158	0.00000644	27.7	0.0000221	0.00178	0.000246	0.00171	0.0297
2101 Jan	244	0.0858	0.283	0.0077	38.1	0.0663	78.9	0.00263	0.00101	0.00000585	0.0055	0.00337	0.0833	0.0158	0.00000644	27.7	0.0000221	0.00178	0.000246	0.00171	0.0297

Appendix D.3-3: WES

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2101 Feb	244	0.0858	0.283	0.0077	38.1	0.0663	78.9	0.00263	0.00101	0.00000585	0.0055	0.00337	0.0833	0.0158	0.00000644	27.7	0.0000221	0.00178	0.000246	0.00171	0.0297
2101 Mar	244	0.0858	0.283	0.0077	38.1	0.0663	78.9	0.00263	0.00101	0.00000585	0.0055	0.00337	0.0833	0.0158	0.00000644	27.7	0.0000221	0.00178	0.000246	0.00171	0.0297
2101 Apr	244	0.0858	0.283	0.00771	38.1	0.0663	78.9	0.00263	0.00101	0.00000586	0.0055	0.00337	0.0834	0.0158	0.00000644	27.7	0.0000221	0.00178	0.000246	0.00171	0.0297
2101 May	244	0.0859	0.283	0.00771	38.1	0.0664	79.1	0.00263	0.00101	0.00000586	0.00551	0.00338	0.0836	0.0159	0.00000645	27.7	0.0000221	0.00178	0.000246	0.00171	0.0297
2101 Jun	244	0.0858	0.283	0.00774	37.9	0.0668	79.9	0.00265	0.001	0.00000585	0.00553	0.00342	0.0845	0.016	0.00000645	28	0.0000223	0.00181	0.000248	0.00172	0.0299
2101 Jul	245	0.0861	0.284	0.00777	38	0.0671	80.2	0.00266	0.00101	0.00000587	0.00555	0.00343	0.0848	0.016	0.00000647	28.1	0.0000224	0.00181	0.000249	0.00173	0.03
2101 Aug	246	0.0863	0.284	0.00778	38.1	0.0672	80.4	0.00267	0.00101	0.00000588	0.00556	0.00344	0.085	0.016	0.00000649	28.1	0.0000224	0.00182	0.000249	0.00173	0.0301
2101 Sep	246	0.0863	0.284	0.00778	38.1	0.0672	80.4	0.00267	0.00101	0.00000588	0.00556	0.00344	0.085	0.016	0.00000649	28.1	0.0000224	0.00182	0.000249	0.00173	0.0301
2101 Oct	245	0.0862	0.284	0.00778	38.1	0.0672	80.4	0.00267	0.00101	0.00000588	0.00556	0.00344	0.085	0.016	0.00000648	28.1	0.0000224	0.00182	0.000249	0.00173	0.03
2101 Nov	245	0.0862	0.284	0.00778	38	0.0671	80.3	0.00266	0.00101	0.00000588	0.00556	0.00343	0.0849	0.016	0.00000648	28.1	0.0000224	0.00182	0.000249	0.00173	0.03
2101 Dec	245	0.0862	0.284	0.00778	38	0.0671	80.3	0.00266	0.00101	0.00000588	0.00555	0.00343	0.0849	0.016	0.00000648	28.1	0.0000224	0.00182	0.000249	0.00173	0.03
2102 Jan	245	0.0862	0.284	0.00778	38	0.0671	80.3	0.00266	0.00101	0.00000588	0.00555	0.00343	0.0849	0.016	0.00000648	28.1	0.0000224	0.00182	0.000249	0.00173	0.03
2102 Feb	245	0.0862	0.284	0.00778	38	0.0671	80.3	0.00266	0.00101	0.00000588	0.00555	0.00343	0.0849	0.016	0.00000648	28.1	0.0000224	0.00182	0.000249	0.00173	0.03
2102 Mar	245	0.0862	0.284	0.00778	38	0.0671	80.3	0.00266	0.00101	0.00000588	0.00556	0.00343	0.0849	0.016	0.00000648	28.1	0.0000224	0.00182	0.000249	0.00173	0.03
2102 Apr	245	0.0862	0.284	0.00778	38.1	0.0672	80.3	0.00266	0.00101	0.00000588	0.00556	0.00343	0.0849	0.016	0.00000648	28.1	0.0000224	0.00182	0.000249	0.00173	0.03
2102 May	246	0.0863	0.284	0.00778	38.1	0.0672	80.4	0.00267	0.00101	0.00000588	0.00556	0.00344	0.085	0.016	0.00000649	28.1	0.0000224	0.00182	0.000249	0.00173	0.0301
2102 Jun	245	0.0861	0.284	0.00779	37.9	0.0675	80.9	0.00268	0.00101	0.00000588	0.00557	0.00346	0.0856	0.0161	0.00000648	28.3	0.0000225	0.00183	0.00025	0.00174	0.0302
2102 Jul	246	0.0862	0.284	0.00783	37.8	0.0679	81.7	0.0027	0.00101	0.00000588	0.0056	0.0035	0.0865	0.0162	0.0000065	28.5	0.0000227	0.00185	0.000252	0.00175	0.0303
2102 Aug	246	0.0863	0.285	0.00784	37.9	0.068	81.8	0.0027	0.00101	0.00000589	0.00561	0.0035	0.0866	0.0162	0.00000651	28.5	0.0000227	0.00186	0.000252	0.00175	0.0303
2102 Sep	246	0.0863	0.285	0.00784	37.9	0.068	81.8	0.0027	0.00101	0.00000589	0.00561	0.0035	0.0866	0.0162	0.00000651	28.6	0.0000227	0.00186	0.000252	0.00175	0.0304
2102 Oct	246	0.0862	0.284	0.00783	37.8	0.0679	81.7	0.0027	0.00101	0.00000588	0.0056	0.0035	0.0865	0.0162	0.0000065	28.5	0.0000227	0.00185	0.000252	0.00175	0.0303
2102 Nov	246	0.0862	0.284	0.00783	37.8	0.0679	81.7	0.0027	0.00101	0.00000588	0.0056	0.0035	0.0865	0.0162	0.0000065	28.5	0.0000227	0.00185	0.000252	0.00175	0.0303
2102 Dec	246	0.0862	0.284	0.00783	37.8	0.0679	81.7	0.0027	0.00101	0.00000588	0.0056	0.0035	0.0865	0.0162	0.0000065	28.5	0.0000227	0.00185	0.000252	0.00175	0.0303
2103 Jan	246	0.0862	0.284	0.00783	37.8	0.0679	81.7	0.0027	0.00101	0.00000588	0.0056	0.0035	0.0865	0.0162	0.0000065	28.5	0.0000227	0.00185	0.000252	0.00175	0.0303
2103 Feb	246	0.0862	0.284	0.00783	37.8	0.0679	81.7	0.0027	0.00101	0.00000588	0.0056	0.0035	0.0865	0.0162	0.0000065	28.5	0.0000227	0.00185	0.000252	0.00175	0.0303
2103 Mar	246	0.0862	0.284	0.00783	37.8	0.0679	81.7	0.0027	0.00101	0.00000588	0.0056	0.0035	0.0865	0.0162	0.0000065	28.5	0.0000227	0.00186	0.000252	0.00175	0.0303
2103 Apr	246	0.0862	0.284	0.00783	37.8	0.0679	81.7	0.0027	0.00101	0.00000588	0.0056	0.0035	0.0865	0.0162	0.0000065	28.5	0.0000227	0.00186	0.000252	0.00175	0.0303
2103 May	246	0.0863	0.284	0.00784	37.8	0.068	81.9	0.0027	0.00101	0.00000589	0.00561	0.00351	0.0867	0.0162	0.00000651	28.6	0.0000228	0.00186	0.000252	0.00175	0.0304
2103 Jun	247	0.0862	0.284	0.00787	37.6	0.0686	83	0.00273	0.001	0.00000588	0.00564	0.00356	0.0879	0.0163	0.00000652	28.9	0.000023	0.00189	0.000255	0.00176	0.0306
2103 Jul	247	0.0864	0.285	0.00789	37.6	0.0688	83.4	0.00274	0.00101	0.00000589	0.00566	0.00357	0.0883	0.0164	0.00000653	29	0.0000231	0.0019	0.000255	0.00177	0.0307
2103 Aug	247	0.0864	0.285	0.00791	37.6	0.069	83.6	0.00275	0.00101	0.00000589	0.00567	0.00358	0.0886	0.0164	0.00000654	29.1	0.0000231	0.00191	0.000256	0.00177	0.0307
2103 Sep	248	0.0864	0.285	0.00792	37.6	0.0691	83.9	0.00275	0.00101	0.00000589	0.00567	0.0036	0.0889	0.0164	0.00000654	29.2	0.0000232	0.00191	0.000256	0.00177	0.0307
2103 Oct	248	0.0863	0.284	0.00793	37.4	0.0694	84.4	0.00277	0.001	0.00000589	0.00569	0.00362	0.0896	0.0165	0.00000654	29.3	0.0000233	0.00193	0.000257	0.00178	0.0308
2103 Nov	248	0.0863	0.284	0.00794	37.4	0.0695	84.6	0.00277	0.001	0.00000588	0.00569	0.00363	0.0897	0.0165	0.00000654	29.3	0.0000233	0.00193	0.000258	0.00178	0.0308
2103 Dec	248	0.0863	0.284	0.00794	37.4	0.0695	84.6	0.00277	0.001	0.00000588	0.00569	0.00363	0.0897	0.0165	0.00000654	29.4	0.0000233	0.00193	0.000258	0.00178	0.0308
2104 Jan	248	0.0863	0.284	0.00794	37.4	0.0695	84.6	0.00277	0.001	0.00000588	0.00569	0.00363	0.0897	0.0165	0.00000654	29.4	0.0000233	0.00193	0.000258	0.00178	0.0308
2104 Feb	248	0.0863	0.284	0.00794	37.4	0.0695	84.6	0.00277	0.001	0.00000588	0.00569	0.00363	0.0897	0.0165	0.00000654	29.4	0.0000233	0.00193	0.000258	0.00178	0.0308
2104 Mar	248	0.0863	0.284	0.00794	37.4	0.0695	84.6	0.00277	0.001	0.00000588	0.00569	0.00363	0.0897	0.0165	0.00000654	29.4	0.0000233	0.00193	0.000258	0.00178	0.0308
2104 Apr	248	0.0863	0.284	0.00794	37.4	0.0695	84.6	0.00277	0.001	0.00000589	0.00569	0.00363	0.0898	0.0165	0.00000654	29.4	0.0000233	0.00194	0.000258	0.00178	0.0308
2104 May	248	0.0863	0.284	0.00795	37.4	0.0696	84.8	0.00278	0.001	0.00000589	0.0057	0.00364	0.09	0.0165	0.00000655	29.4	0.0000234	0.00194	0.000258	0.00179	0.0309
2104 Jun	248	0.0862	0.284	0.00797	37.2	0.0701	85.7	0.0028	0.001	0.00000588	0.00572	0.00368	0.091	0.0166	0.00000655	29.7	0.0000236	0.00197	0.00026	0.0018	0.0311
2104 Jul	249	0.0864	0.284	0.00799	37.2	0.0702	86	0.0028	0.001	0.00000589	0.00574	0.00369	0.0912	0.0166	0.00000656	29.8	0.0000236	0.00197	0.000261	0.0018	0.0311
2104 Aug	249	0.0865	0.285	0.008	37.3	0.0703	86.1	0.00281	0.001	0.0000059	0.00574	0.00369	0.0913	0.0167	0.00000657	29.8	0.0000236	0.00197	0.000261	0.0018	0.0312
2104 Sep	249	0.0864	0.285	0.008	37.2	0.0703	86.1	0.00281	0.001	0.0000059	0.00574	0.0037	0.0914	0.0166	0.00000657	29.8	0.0000236	0.00197	0.000261	0.0018	0.0312
2104 Oct	249	0.0864	0.284	0.00801	37.2	0.0705	86.4	0.00282	0.001	0.00000589	0.00575	0.00371	0.0917	0.0167	0.00000657	29.9	0.0000237	0.00198	0.000262	0.00181	0.0312
2104 Nov	249	0.0864	0.284	0.00801	37.2	0.0705	86.5	0.00282	0.001	0.00000589	0.00575	0.00371	0.0918	0.0167	0.00000657	29.9	0.0000237	0.00199	0.000262	0.00181	0.0312
2104 Dec	249	0.0864	0.284	0.00801	37.2	0.0705	86.5	0.00282	0.001	0.00000589	0.00575	0.00371	0.0918	0.0167	0.00000657	29.9	0.0000237	0.00199	0.000262	0.00181	0.0312
2105 Jan	249	0.0864	0.284	0.00801	37.2	0.0705	86.5	0.00282	0.001	0.00000589	0.00575	0.00371	0.0918	0.0167	0.00000657	29.9	0.0000237	0.00199	0.000262	0.00181	0.0312
2105 Feb	249	0.0864	0.284	0.00801	37.2	0.0705	86.5	0.00282	0.001	0.00000589	0.00575	0.00371	0.0918	0.0167	0.00000657	29.9	0.0000237	0.00199	0.000262	0.00181	0.0312
2105 Mar	249	0.0864	0.284	0.00801	37.2	0.0705	86.5	0.00282	0.001	0.00000589	0.00575	0.00371	0.0918	0.0167	0.00000657	29.9	0.0000237	0.00199	0.000262	0.00181	0.0312
2105 Apr	249	0.0864	0.284	0.00801	37.2	0.0705	86.5	0.00282	0.001	0.00000589	0.00575	0.00371	0.0918	0.0167	0.00000657	29.9	0.0000237	0.00199	0.000262	0.00181	0.0312
2105 May	249	0.0864	0.285	0.00802	37.2	0.0706	86.6	0.00282	0.001	0.0000059	0.00576	0.00372	0.092	0.0167	0.00000658	30	0.0000237	0.00199	0.000262	0.00181	0.0312
2105 Jun	250	0.0864	0.284	0.00804	37.1	0.0709	87.2	0.00284	0.001	0.0000059	0.00577	0.00374	0.0926	0.0168	0.00000658	30.1	0.0000239	0.002	0.000263	0.00182	0.0313
2105 Jul	250	0.0866	0.285	0.00805	37.1	0.071	87.3	0.00284	0.001	0.00000591	0.00578	0.00375	0.0927	0.0168	0.0000066	30.2	0.0000239	0.00201	0.000264	0.00182	0.0314
2105 Aug	250	0.0866	0.285	0.00805	37.1	0.0711	87.4	0.00284	0.001	0.00000591	0.00578	0.00376	0.0929	0.0168	0.0000066	30.2	0.0000239	0.00201	0.000264	0.00182	0.0314
2105 Sep	250	0.0865	0.285	0.00807	37	0.0714	88	0.00286	0.001	0.0000059	0.0058	0.00378	0.0935	0.0168	0.0000066	30.3	0.000024	0.00203	0.000265	0.00183	0.0315
2105 Oct	251	0.0865	0.285	0.00808	36.9	0.0716	88.4	0.00287	0.001	0.0000059	0.00581	0.0038	0.0939	0.0169	0.0000066	30.4	0.0000241	0.00204	0.000266	0.00183	0.0315
2105 Nov	251	0.0864	0.284	0.00809	36.9	0.0716	88.6	0.00287	0.001	0.0000059	0.00581	0.00381	0.0941	0.0169	0.0000066	30.5	0.0000241	0.00204	0.000266	0.00183	0.0315
2105 Dec	251	0.0864	0.284	0.00809	36.9	0.0717	88.6	0.00287	0.001	0.0000059	0.00581	0.00381	0.0941	0.0169	0.0000066	30.5	0.0000241	0.00204	0.000266	0.00183	0.0315
2106 Jan	251	0.0864	0.284	0.00809	36.9	0.0717	88.6	0.00287	0.001	0.0000059	0.00581	0.00381	0.0941	0.0169	0.0000066	30.5	0.0000241	0.00204	0.000266	0.00183	0.0315
2106 Feb	251	0.0864	0.284	0.00809	36.9	0.0717	88.6	0.00287	0.001	0.0000059	0.00581	0.00381	0.0941	0.0169	0.0000066	30.5	0.0000241	0.00204	0.000266	0.00183	0.0315
2106 Mar	251	0.0864	0.284	0.00809	36.9	0.0717	88.6	0.00287	0.001	0.0000059	0.00581	0.00381	0.0941	0.0169	0.0000066	30.5	0.0000241	0.00204	0.000266	0.00183	0.0315
2106 Apr	251	0.0865	0.284	0.00809	36.9	0.0717	88.6	0.00287	0.001	0.0000059	0.00581	0.00381	0.0942	0.0169	0.0000066	30.5	0.0000241	0.00204	0.000266	0.00183	0.0315
2106 May	251	0.0865	0.285	0.0081	36.9	0.0717	88.7	0.00287	0.001	0.00000591	0.00582	0.00381	0.0942	0.0169	0.00000661	30.5	0.0000242	0.00204	0.000266	0.00184	0.0316
2106 Jun	251	0.0864	0.284	0.00812	36.7	0.0722	89.7	0.0029	0.000999	0.0000059	0.00584	0.00386	0.0953	0.017	0.00000662	30.8	0.0000244	0.00207	0.000268	0.00185	0.0318
2106 Jul	252	0.0866	0.285	0.00815	36.7	0.0725	90.2	0.00291	0.001	0.00000591	0.00587	0.00388	0.0959	0.0171	0.00000663	31	0.0000245	0.00208	0.000269	0.00185	0.0319
2106 Aug	252	0.0866	0.285	0.00816	36.7	0.0726	90.3	0.00292	0.001	0.00000591	0.00587	0.00389	0.096	0.0171	0.00000663	31	0.0000245	0.00209	0.00027	0.00186	0.0319
2106 Sep	252	0.0865	0.284	0.00817	36.6	0.0728	90.7	0.00293	0.000999	0.00000591	0.00588	0.0039	0.0965	0.0171	0.00000664	31.1	0.0000246	0.0021	0.00027	0.00186	0.0319
2106 Oct	252	0.0865	0.284	0.00818	36.6	0.0729	90.9	0.00293	0.000999	0.00000591	0.00588	0.00391	0.0966	0.0171	0.00000664	31.2	0.0000246	0.0021	0.000271	0.00186	0.0319
2106 Nov	252	0.0865	0.284	0.00818	36.6	0.0729	90.9	0.00293	0.000999	0.00000591	0.00588	0.00391	0.0966	0.0171	0.00000664	31.2	0.0000246	0.0021	0.000271	0.00186	0.032
2106 Dec	252	0.0865	0.284	0.00818	36.6	0.0729	90.9	0.00293	0.000999	0.00000591	0.00588	0.00391	0.0966	0.0171	0.00000664	31.2	0.0000246	0.0021	0.000271	0.00186	0.032
2107 Jan	252	0.0865	0.284	0.00818	36.6	0.0729	90.9	0.00293	0.000999	0.00000591	0.00588	0.00391	0.0967	0.0171	0.00000664	31.2	0.0000246	0.0021	0.000271	0.00186	0.032
2107 Feb	252	0.0865	0.284	0.00818	36.6	0.0729	90.9	0.00293	0.000999	0.00000591	0.00588	0.00391	0.0967	0.0171	0.00000664	31.2	0.0000246	0.0021	0.000271	0.00186	0.032
2107 Mar	252	0.0865	0.284	0.00818	36.6	0.0729	90.9	0.00293	0.000999	0.00000591	0.00588	0.00391	0.0967	0.0171	0.00000664	31.2	0.0000246	0.0021	0.000271	0.00186	0.032
2107 Apr	252	0.0865	0.284	0.00818	36.6	0.0729	90.9	0.00293	0.000999	0.00000591	0.00588	0.00391	0.0967	0.0171	0.00000664	31.2	0.0000246	0.0021	0.000271	0.00186	0.032
2107 May	252	0.0866	0.284	0.00818	36.6	0.073	91	0.00293	0.000999	0.00000591	0.00589	0.00392	0.0968	0.0171	0.00000664	31.2	0.0000246	0.00211	0.000271	0.00187	0.032
2107 Jun	253	0.0865	0.284	0.00821	36.5	0.0734	91.7	0.00295	0.000998	0.00000591	0.00591	0.00395	0.0976	0.0172	0.00000665	31.4	0.0000248	0.00213	0.000273	0.00187	0.0322

Appendix D.3-3: WES

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2107 Jul	253	0.0866	0.284	0.00821	36.5	0.0734	91.8	0.00295	0.000999	0.00000592	0.00592	0.00396	0.0977	0.0172	0.00000666	31.5	0.0000248	0.00213	0.000273	0.00188	0.0322
2107 Aug	253	0.0868	0.285	0.00823	36.6	0.0736	92	0.00296	0.001	0.00000593	0.00593	0.00396	0.0978	0.0173	0.00000667	31.5	0.0000248	0.00213	0.000273	0.00188	0.0322
2107 Sep	254	0.0868	0.285	0.00823	36.6	0.0736	92	0.00296	0.001	0.00000593	0.00593	0.00396	0.0979	0.0173	0.00000667	31.5	0.0000249	0.00213	0.000273	0.00188	0.0323
2107 Oct	253	0.0868	0.285	0.00823	36.6	0.0735	92	0.00296	0.001	0.00000593	0.00593	0.00396	0.0978	0.0173	0.00000667	31.5	0.0000248	0.00213	0.000273	0.00188	0.0322
2107 Nov	253	0.0868	0.285	0.00823	36.6	0.0735	91.9	0.00296	0.001	0.00000593	0.00593	0.00396	0.0978	0.0173	0.00000667	31.5	0.0000248	0.00213	0.000273	0.00188	0.0322
2107 Dec	253	0.0868	0.285	0.00823	36.6	0.0735	91.9	0.00296	0.001	0.00000593	0.00593	0.00396	0.0978	0.0173	0.00000667	31.5	0.0000248	0.00213	0.000273	0.00188	0.0322
2108 Jan	253	0.0868	0.285	0.00823	36.6	0.0735	91.9	0.00296	0.001	0.00000593	0.00593	0.00396	0.0978	0.0173	0.00000667	31.5	0.0000248	0.00213	0.000273	0.00188	0.0322
2108 Feb	253	0.0868	0.285	0.00823	36.6	0.0735	91.9	0.00296	0.001	0.00000593	0.00593	0.00396	0.0978	0.0173	0.00000667	31.5	0.0000248	0.00213	0.000273	0.00188	0.0322
2108 Mar	253	0.0868	0.285	0.00823	36.6	0.0735	92	0.00296	0.001	0.00000593	0.00593	0.00396	0.0978	0.0173	0.00000667	31.5	0.0000248	0.00213	0.000273	0.00188	0.0322
2108 Apr	254	0.0868	0.285	0.00823	36.6	0.0736	92	0.00296	0.001	0.00000593	0.00593	0.00396	0.0979	0.0173	0.00000667	31.5	0.0000249	0.00213	0.000273	0.00188	0.0323
2108 May	254	0.0869	0.285	0.00824	36.6	0.0736	92.1	0.00296	0.001	0.00000593	0.00594	0.00397	0.098	0.0173	0.00000668	31.5	0.0000249	0.00213	0.000274	0.00188	0.0323
2108 Jun	254	0.0868	0.285	0.00824	36.5	0.0738	92.3	0.00297	0.001	0.00000593	0.00594	0.00398	0.0982	0.0173	0.00000668	31.6	0.0000249	0.00214	0.000274	0.00188	0.0323
2108 Jul	254	0.087	0.286	0.00827	36.6	0.074	92.6	0.00298	0.001	0.00000595	0.00596	0.00399	0.0986	0.0174	0.0000067	31.7	0.000025	0.00215	0.000275	0.00189	0.0324
2108 Aug	255	0.0873	0.286	0.00829	36.7	0.0742	92.9	0.00299	0.00101	0.00000596	0.00597	0.004	0.0988	0.0174	0.00000671	31.8	0.0000251	0.00215	0.000276	0.00189	0.0325
2108 Sep	255	0.0873	0.286	0.00829	36.7	0.0742	92.9	0.00299	0.00101	0.00000596	0.00598	0.004	0.0989	0.0174	0.00000672	31.8	0.0000251	0.00215	0.000276	0.00189	0.0325
2108 Oct	255	0.0871	0.286	0.00827	36.7	0.0741	92.7	0.00298	0.001	0.00000595	0.00597	0.004	0.0987	0.0174	0.0000067	31.7	0.000025	0.00215	0.000275	0.00189	0.0325
2108 Nov	255	0.0871	0.286	0.00827	36.6	0.074	92.7	0.00298	0.001	0.00000595	0.00596	0.004	0.0986	0.0174	0.0000067	31.7	0.000025	0.00215	0.000275	0.00189	0.0325
2108 Dec	255	0.0871	0.286	0.00827	36.6	0.0741	92.7	0.00298	0.001	0.00000595	0.00596	0.004	0.0986	0.0174	0.0000067	31.7	0.000025	0.00215	0.000275	0.00189	0.0325
2109 Jan	255	0.0871	0.286	0.00827	36.6	0.0741	92.7	0.00298	0.001	0.00000595	0.00596	0.004	0.0986	0.0174	0.0000067	31.7	0.000025	0.00215	0.000275	0.00189	0.0325
2109 Feb	255	0.0871	0.286	0.00827	36.6	0.0741	92.7	0.00298	0.001	0.00000595	0.00596	0.004	0.0986	0.0174	0.0000067	31.7	0.000025	0.00215	0.000275	0.00189	0.0325
2109 Mar	255	0.0871	0.286	0.00827	36.6	0.0741	92.7	0.00298	0.001	0.00000595	0.00597	0.004	0.0987	0.0174	0.0000067	31.7	0.000025	0.00215	0.000275	0.00189	0.0325
2109 Apr	255	0.0872	0.286	0.00828	36.7	0.0741	92.7	0.00298	0.00101	0.00000595	0.00597	0.004	0.0987	0.0174	0.00000671	31.8	0.000025	0.00215	0.000275	0.00189	0.0325
2109 May	255	0.0872	0.286	0.00828	36.7	0.0741	92.9	0.00299	0.00101	0.00000596	0.00597	0.004	0.0988	0.0174	0.00000671	31.8	0.0000251	0.00215	0.000276	0.00189	0.0325
2109 Jun	255	0.0872	0.286	0.0083	36.6	0.0744	93.3	0.003	0.00101	0.00000596	0.00599	0.00402	0.0992	0.0175	0.00000672	31.9	0.0000252	0.00216	0.000277	0.0019	0.0326
2109 Jul	255	0.0873	0.286	0.00831	36.7	0.0745	93.4	0.003	0.00101	0.00000597	0.006	0.00403	0.0994	0.0175	0.00000673	32	0.0000252	0.00217	0.000277	0.0019	0.0327
2109 Aug	256	0.0874	0.287	0.00832	36.7	0.0746	93.5	0.003	0.00101	0.00000598	0.006	0.00403	0.0995	0.0175	0.00000674	32	0.0000252	0.00217	0.000277	0.0019	0.0327
2109 Sep	256	0.0874	0.287	0.00832	36.7	0.0746	93.6	0.00301	0.00101	0.00000598	0.00601	0.00404	0.0996	0.0175	0.00000674	32	0.0000252	0.00217	0.000278	0.0019	0.0327
2109 Oct	256	0.0873	0.286	0.00833	36.6	0.0748	94.1	0.00302	0.00101	0.00000597	0.00602	0.00406	0.1	0.0175	0.00000674	32.2	0.0000253	0.00219	0.000278	0.00191	0.0328
2109 Nov	256	0.0873	0.286	0.00834	36.5	0.0749	94.2	0.00302	0.00101	0.00000597	0.00602	0.00406	0.1	0.0175	0.00000674	32.2	0.0000253	0.00219	0.000278	0.00191	0.0328
2109 Dec	256	0.0873	0.286	0.00834	36.5	0.0749	94.2	0.00302	0.00101	0.00000597	0.00602	0.00406	0.1	0.0175	0.00000674	32.2	0.0000253	0.00219	0.000278	0.00191	0.0328
2110 Jan	256	0.0873	0.286	0.00834	36.5	0.0749	94.2	0.00302	0.00101	0.00000597	0.00602	0.00406	0.1	0.0175	0.00000674	32.2	0.0000253	0.00219	0.000278	0.00191	0.0328
2110 Feb	256	0.0873	0.286	0.00834	36.5	0.0749	94.2	0.00302	0.00101	0.00000597	0.00602	0.00406	0.1	0.0175	0.00000674	32.2	0.0000253	0.00219	0.000278	0.00191	0.0328
2110 Mar	256	0.0873	0.286	0.00834	36.5	0.0749	94.2	0.00302	0.00101	0.00000597	0.00602	0.00406	0.1	0.0175	0.00000674	32.2	0.0000253	0.00219	0.000279	0.00191	0.0328
2110 Apr	256	0.0874	0.286	0.00834	36.6	0.0749	94.2	0.00302	0.00101	0.00000597	0.00602	0.00406	0.1	0.0175	0.00000674	32.2	0.0000253	0.00219	0.000279	0.00191	0.0328
2110 May	256	0.0874	0.286	0.00834	36.6	0.075	94.3	0.00302	0.00101	0.00000597	0.00602	0.00407	0.1	0.0176	0.00000674	32.2	0.0000254	0.00219	0.000279	0.00191	0.0328
2110 Jun	257	0.0873	0.285	0.00838	36.3	0.0755	95.4	0.00305	0.001	0.00000597	0.00606	0.00412	0.102	0.0177	0.00000675	32.5	0.0000256	0.00222	0.000281	0.00193	0.033
2110 Jul	257	0.0874	0.286	0.00839	36.4	0.0757	95.7	0.00306	0.00101	0.00000598	0.00607	0.00413	0.102	0.0177	0.00000676	32.6	0.0000257	0.00223	0.000282	0.00193	0.0331
2110 Aug	258	0.0873	0.285	0.00842	36.2	0.0761	96.5	0.00308	0.001	0.00000597	0.00609	0.00417	0.103	0.0178	0.00000677	32.9	0.0000258	0.00225	0.000283	0.00194	0.0332
2110 Sep	258	0.0871	0.285	0.00844	36	0.0765	97.3	0.0031	0.001	0.00000596	0.0061	0.0042	0.104	0.0178	0.00000677	33.1	0.000026	0.00227	0.000285	0.00195	0.0333
2110 Oct	258	0.087	0.284	0.00845	35.8	0.0768	97.9	0.00312	0.000999	0.00000596	0.00612	0.00423	0.104	0.0179	0.00000677	33.2	0.0000261	0.00229	0.000286	0.00196	0.0334
2110 Nov	258	0.087	0.284	0.00846	35.8	0.0769	98.1	0.00312	0.000998	0.00000596	0.00612	0.00424	0.105	0.0179	0.00000677	33.3	0.0000261	0.00229	0.000286	0.00196	0.0334
2110 Dec	258	0.087	0.284	0.00846	35.8	0.0769	98.1	0.00312	0.000998	0.00000596	0.00612	0.00424	0.105	0.0179	0.00000677	33.3	0.0000261	0.00229	0.000286	0.00196	0.0334
2111 Jan	258	0.087	0.284	0.00846	35.8	0.0769	98.1	0.00312	0.000998	0.00000596	0.00612	0.00424	0.105	0.0179	0.00000677	33.3	0.0000261	0.00229	0.000286	0.00196	0.0334
2111 Feb	258	0.087	0.284	0.00846	35.8	0.0769	98.1	0.00312	0.000998	0.00000596	0.00612	0.00424	0.105	0.0179	0.00000677	33.3	0.0000261	0.00229	0.000286	0.00196	0.0334
2111 Mar	258	0.087	0.284	0.00846	35.8	0.0769	98.1	0.00312	0.000998	0.00000596	0.00612	0.00424	0.105	0.0179	0.00000677	33.3	0.0000261	0.00229	0.000286	0.00196	0.0334
2111 Apr	258	0.087	0.284	0.00846	35.8	0.0769	98.1	0.00312	0.000999	0.00000596	0.00612	0.00424	0.105	0.0179	0.00000678	33.3	0.0000261	0.00229	0.000286	0.00196	0.0334
2111 May	258	0.087	0.284	0.00847	35.8	0.077	98.2	0.00312	0.000999	0.00000596	0.00613	0.00425	0.105	0.0179	0.00000678	33.3	0.0000261	0.0023	0.000287	0.00196	0.0335
2111 Jun	259	0.087	0.283	0.00849	35.6	0.0774	99	0.00314	0.000998	0.00000596	0.00615	0.00428	0.105	0.018	0.00000679	33.6	0.0000263	0.00232	0.000288	0.00197	0.0336
2111 Jul	259	0.0872	0.284	0.00851	35.7	0.0776	99.3	0.00315	0.001	0.00000598	0.00617	0.00429	0.106	0.0181	0.00000681	33.7	0.0000264	0.00232	0.000289	0.00197	0.0337
2111 Aug	259	0.0872	0.284	0.00851	35.7	0.0776	99.4	0.00315	0.001	0.00000597	0.00617	0.0043	0.106	0.0181	0.00000681	33.7	0.0000264	0.00233	0.000289	0.00197	0.0337
2111 Sep	260	0.0871	0.284	0.00852	35.7	0.0778	99.6	0.00316	0.001	0.00000597	0.00618	0.00431	0.106	0.0181	0.00000681	33.8	0.0000264	0.00233	0.00029	0.00198	0.0337
2111 Oct	260	0.087	0.283	0.00853	35.6	0.0779	99.9	0.00317	0.000998	0.00000597	0.00618	0.00433	0.107	0.0181	0.00000681	33.8	0.0000265	0.00234	0.00029	0.00198	0.0338
2111 Nov	260	0.087	0.283	0.00853	35.5	0.078	100	0.00318	0.000997	0.00000597	0.00619	0.00434	0.107	0.0181	0.00000681	33.9	0.0000265	0.00235	0.000291	0.00198	0.0338
2111 Dec	260	0.087	0.283	0.00854	35.5	0.078	100	0.00318	0.000997	0.00000597	0.00619	0.00434	0.107	0.0181	0.00000681	33.9	0.0000265	0.00235	0.000291	0.00198	0.0338
2112 Jan	260	0.087	0.283	0.00854	35.5	0.078	100	0.00318	0.000997	0.00000597	0.00619	0.00434	0.107	0.0181	0.00000681	33.9	0.0000265	0.00235	0.000291	0.00198	0.0338
2112 Feb	260	0.087	0.283	0.00854	35.5	0.078	100	0.00318	0.000997	0.00000597	0.00619	0.00434	0.107	0.0181	0.00000681	33.9	0.0000265	0.00235	0.000291	0.00198	0.0338
2112 Mar	260	0.087	0.283	0.00854	35.5	0.0781	100	0.00318	0.000997	0.00000597	0.00619	0.00434	0.107	0.0181	0.00000681	33.9	0.0000265	0.00235	0.000291	0.00198	0.0338
2112 Apr	260	0.087	0.283	0.00854	35.5	0.0781	100	0.00318	0.000998	0.00000597	0.00619	0.00434	0.107	0.0181	0.00000681	33.9	0.0000266	0.00235	0.000291	0.00199	0.0338
2112 May	260	0.0871	0.283	0.00855	35.5	0.0782	100	0.00318	0.000998	0.00000597	0.0062	0.00435	0.107	0.0182	0.00000682	34	0.0000266	0.00236	0.000291	0.00199	0.0339
2112 Jun	260	0.0868	0.282	0.00858	35.2	0.0788	102	0.00321	0.000993	0.00000596	0.00623	0.00441	0.109	0.0183	0.00000682	34.4	0.0000268	0.00239	0.000294	0.002	0.0341
2112 Jul	261	0.0869	0.282	0.0086	35.2	0.079	102	0.00323	0.000994	0.00000597	0.00624	0.00443	0.109	0.0183	0.00000683	34.5	0.0000269	0.0024	0.000295	0.00201	0.0342
2112 Aug	261	0.087	0.282	0.00861	35.2	0.0792	102	0.00323	0.000996	0.00000598	0.00625	0.00444	0.109	0.0184	0.00000684	34.5	0.000027	0.00241	0.000295	0.00201	0.0342
2112 Sep	261	0.087	0.282	0.00861	35.2	0.0792	102	0.00323	0.000996	0.00000598	0.00625	0.00444	0.109	0.0184	0.00000684	34.5	0.000027	0.00241	0.000295	0.00201	0.0342
2112 Oct	261	0.087	0.282	0.00861	35.2	0.0791	102	0.00323	0.000996	0.00000597	0.00625	0.00443	0.109	0.0184	0.00000684	34.5	0.000027	0.00241	0.000295	0.00201	0.0342
2112 Nov	261	0.087	0.282	0.00861	35.2	0.0792	102	0.00323	0.000996	0.00000597	0.00625	0.00443	0.109	0.0184	0.00000684	34.5	0.000027	0.00241	0.000295	0.00201	0.0342
2112 Dec	261	0.087	0.282	0.00861	35.2	0.0792	102	0.00323	0.000996	0.00000597	0.00625	0.00443	0.109	0.0184	0.00000684	34.5	0.000027	0.00241	0.000295	0.00201	0.0342
2113 Jan	261	0.087	0.282	0.00861	35.2	0.0792	102	0.00323	0.000996	0.00000597	0.00625	0.00444	0.109	0.0184	0.00000684	34.5	0.000027	0.00241	0.000295	0.00201	0.0342
2113 Feb	261	0.087	0.282	0.00861	35.2	0.0792	102	0.00323	0.000996	0.00000598	0.00625	0.00444	0.109	0.0184	0.00000684	34.5	0.000027	0.00241	0.000295	0.00201	0.0342
2113 Mar	261	0.087	0.282	0.00861	35.2	0.0792	102	0.00323	0.000996	0.00000598	0.00625	0.00444	0.109	0.0184	0.00000684	34.5	0.000027	0.00241	0.000295	0.00201	0.0342
2113 Apr	261	0.087	0.282	0.00861	35.2	0.0792	102	0.00323	0.000996	0.00000598	0.00626	0.00444	0.109	0.0184	0.00000684	34.6	0.000027	0.00241	0.000295	0.00201	0.0342
2113 May	261	0.0871	0.282	0.00862	35.2	0.0793	102	0.00324	0.000997	0.00000598	0.00626	0.00444	0.109	0.0184	0.00000685	34.6	0.000027	0.00241	0.000295	0.00201	0.0343
2113 Jun	262	0.087	0.282	0.00864	35.1	0.0796	103	0.00325	0.000995	0.00000598	0.00628	0.00448	0.11	0.0185	0.00000685	34.8	0.0000271	0.00243	0.000297	0.00202	0.0344
2113 Jul	262	0.0871	0.282	0.00866	35.1	0.0798	103	0.00326	0.000997	0.00000599	0.00629	0.00449	0.11	0.0185	0.00000687	34.9	0.0000272	0.00243	0.000298	0.00203	0.0345
2113 Aug	263	0.0873	0.283	0.00867	35.2	0.0799	104	0.00327	0.000998	0.000006	0.0063	0.00449	0.11	0.0185	0.00000688	34.9	0.0000272	0.00244	0.000298	0.00203	0.0345
2113 Sep	263	0.0872	0.283	0.00867	35.2	0.0799	104	0.00326	0.000998	0.000006	0.0063	0.00449	0.11	0.0185	0.00000688	34.9	0.0000272	0.00244	0.000298	0.00203	0.0345
2113 Oct	263	0.087	0.282	0.00867	35	0.08	104	0.00328	0.000995	0.00000598	0.0063	0.00451	0.111	0.0185	0.00000687	35	0.0000273	0.00245	0.000298	0.00203	0.0345
2113 Nov	263	0.087	0.282	0.00867	35	0.0801	104	0.00328	0.000995	0.00000598	0.00631	0.00452	0.111	0.0185	0.00000687	35.1	0.0000273	0.00245	0.000299	0.00203	0.0345

Appendix D.3-3: WES

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2113 Dec	263	0.087	0.282	0.00867	35	0.0801	104	0.00328	0.000995	0.00000598	0.00631	0.00452	0.111	0.0185	0.00000687	35.1	0.0000273	0.00245	0.000299	0.00203	0.0346
2114 Jan	263	0.087	0.282	0.00867	35	0.0801	104	0.00328	0.000995	0.00000598	0.00631	0.00452	0.111	0.0185	0.00000687	35.1	0.0000273	0.00245	0.000299	0.00203	0.0346
2114 Feb	263	0.087	0.282	0.00867	35	0.0801	104	0.00328	0.000995	0.00000598	0.00631	0.00452	0.111	0.0185	0.00000687	35.1	0.0000273	0.00245	0.000299	0.00203	0.0346
2114 Mar	263	0.087	0.282	0.00868	35	0.0801	104	0.00328	0.000995	0.00000598	0.00631	0.00452	0.111	0.0185	0.00000687	35.1	0.0000273	0.00245	0.000299	0.00203	0.0346
2114 Apr	263	0.087	0.282	0.00868	35	0.0802	104	0.00328	0.000995	0.00000599	0.00631	0.00452	0.111	0.0185	0.00000687	35.1	0.0000273	0.00245	0.000299	0.00203	0.0346
2114 May	263	0.087	0.282	0.00868	35	0.0803	104	0.00329	0.000995	0.00000599	0.00632	0.00453	0.111	0.0186	0.00000688	35.2	0.0000274	0.00246	0.000299	0.00204	0.0346
2114 Jun	263	0.0871	0.281	0.00871	34.9	0.0806	105	0.0033	0.000995	0.00000599	0.00634	0.00456	0.112	0.0186	0.00000689	35.3	0.0000275	0.00248	0.000301	0.00204	0.0348
2114 Jul	264	0.0873	0.282	0.00873	35	0.0808	105	0.00331	0.000998	0.00000601	0.00636	0.00457	0.112	0.0187	0.00000691	35.4	0.0000276	0.00248	0.000302	0.00205	0.0349
2114 Aug	265	0.0876	0.283	0.00875	35.1	0.081	106	0.00332	0.001	0.00000602	0.00637	0.00458	0.113	0.0187	0.00000693	35.5	0.0000277	0.00249	0.000302	0.00206	0.035
2114 Sep	265	0.0875	0.283	0.00875	35.1	0.081	106	0.00332	0.001	0.00000602	0.00637	0.00458	0.113	0.0187	0.00000692	35.5	0.0000276	0.00249	0.000302	0.00205	0.0349
2114 Oct	264	0.0874	0.282	0.00874	35	0.0809	105	0.00331	0.000999	0.00000601	0.00636	0.00457	0.112	0.0187	0.00000691	35.5	0.0000276	0.00249	0.000302	0.00205	0.0349
2114 Nov	264	0.0873	0.282	0.00873	35	0.0809	105	0.00331	0.000998	0.00000601	0.00636	0.00458	0.112	0.0187	0.00000691	35.5	0.0000276	0.00249	0.000302	0.00205	0.0349
2114 Dec	264	0.0873	0.282	0.00874	35	0.0809	105	0.00332	0.000998	0.00000601	0.00636	0.00458	0.112	0.0187	0.00000691	35.5	0.0000276	0.00249	0.000302	0.00205	0.0349
2115 Jan	264	0.0873	0.282	0.00874	35	0.0809	105	0.00332	0.000998	0.00000601	0.00636	0.00458	0.112	0.0187	0.00000691	35.5	0.0000276	0.00249	0.000302	0.00205	0.0349
2115 Feb	264	0.0873	0.282	0.00874	35	0.0809	105	0.00332	0.000998	0.00000601	0.00636	0.00458	0.112	0.0187	0.00000691	35.5	0.0000276	0.00249	0.000302	0.00205	0.0349
2115 Mar	264	0.0873	0.282	0.00874	35	0.0809	105	0.00332	0.000998	0.00000601	0.00636	0.00458	0.113	0.0187	0.00000691	35.5	0.0000276	0.00249	0.000302	0.00205	0.0349
2115 Apr	264	0.0873	0.282	0.00874	35	0.0809	105	0.00332	0.000998	0.00000601	0.00636	0.00458	0.113	0.0187	0.00000691	35.5	0.0000276	0.00249	0.000302	0.00205	0.0349
2115 May	264	0.0873	0.282	0.00874	35	0.081	106	0.00332	0.000998	0.00000601	0.00637	0.00459	0.113	0.0187	0.00000692	35.5	0.0000277	0.00249	0.000302	0.00206	0.0349
2115 Jun	265	0.0874	0.282	0.00876	35	0.0813	106	0.00333	0.000999	0.00000602	0.00638	0.0046	0.113	0.0188	0.00000693	35.7	0.0000277	0.0025	0.000303	0.00206	0.035
2115 Jul	266	0.0876	0.283	0.00878	35	0.0815	106	0.00334	0.001	0.00000603	0.0064	0.00461	0.113	0.0188	0.00000694	35.7	0.0000278	0.00251	0.000304	0.00207	0.0351
2115 Aug	265	0.0876	0.283	0.00878	35	0.0814	106	0.00334	0.001	0.00000603	0.00639	0.00461	0.113	0.0188	0.00000694	35.7	0.0000278	0.00251	0.000304	0.00206	0.0351
2115 Sep	265	0.0876	0.283	0.00878	35	0.0814	106	0.00334	0.001	0.00000603	0.0064	0.00461	0.113	0.0188	0.00000694	35.7	0.0000278	0.00251	0.000304	0.00206	0.0351
2115 Oct	265	0.0876	0.283	0.00878	35	0.0814	106	0.00334	0.001	0.00000603	0.0064	0.00461	0.113	0.0188	0.00000694	35.7	0.0000278	0.00251	0.000304	0.00206	0.0351
2115 Nov	266	0.0875	0.283	0.00879	35	0.0815	106	0.00334	0.001	0.00000603	0.0064	0.00462	0.114	0.0188	0.00000694	35.8	0.0000278	0.00251	0.000304	0.00207	0.0351
2115 Dec	266	0.0875	0.283	0.00879	35	0.0815	106	0.00334	0.001	0.00000603	0.0064	0.00462	0.114	0.0188	0.00000694	35.8	0.0000278	0.00251	0.000304	0.00207	0.0351
2116 Jan	266	0.0876	0.283	0.00879	35	0.0815	106	0.00335	0.001	0.00000603	0.0064	0.00462	0.114	0.0188	0.00000694	35.8	0.0000278	0.00251	0.000304	0.00207	0.0351
2116 Feb	266	0.0876	0.283	0.00879	35	0.0815	106	0.00335	0.001	0.00000603	0.0064	0.00462	0.114	0.0188	0.00000694	35.8	0.0000278	0.00251	0.000304	0.00207	0.0351
2116 Mar	266	0.0876	0.283	0.00879	35	0.0815	106	0.00335	0.001	0.00000603	0.0064	0.00462	0.114	0.0188	0.00000694	35.8	0.0000278	0.00251	0.000304	0.00207	0.0351
2116 Apr	266	0.0876	0.283	0.00879	35	0.0816	106	0.00335	0.001	0.00000603	0.0064	0.00463	0.114	0.0188	0.00000694	35.8	0.0000278	0.00251	0.000304	0.00207	0.0351
2116 May	266	0.0876	0.283	0.0088	35	0.0816	107	0.00335	0.001	0.00000603	0.00641	0.00463	0.114	0.0189	0.00000695	35.8	0.0000279	0.00252	0.000305	0.00207	0.0351
2116 Jun	266	0.0874	0.281	0.00882	34.7	0.0822	108	0.00338	0.000997	0.00000602	0.00643	0.00468	0.115	0.019	0.00000695	36.1	0.0000281	0.00255	0.000307	0.00208	0.0353
2116 Jul	267	0.0876	0.282	0.00884	34.8	0.0824	108	0.00339	0.001	0.00000604	0.00645	0.0047	0.115	0.019	0.00000697	36.3	0.0000282	0.00256	0.000308	0.00209	0.0354
2116 Aug	267	0.0877	0.282	0.00886	34.8	0.0826	108	0.0034	0.001	0.00000605	0.00647	0.00471	0.116	0.0191	0.00000698	36.4	0.0000282	0.00256	0.000308	0.00209	0.0355
2116 Sep	267	0.0876	0.282	0.00885	34.8	0.0825	108	0.00339	0.001	0.00000604	0.00646	0.00471	0.116	0.019	0.00000698	36.3	0.0000282	0.00256	0.000308	0.00209	0.0355
2116 Oct	267	0.0875	0.281	0.00885	34.7	0.0826	108	0.0034	0.000999	0.00000604	0.00646	0.00472	0.116	0.019	0.00000697	36.4	0.0000282	0.00257	0.000308	0.00209	0.0355
2116 Nov	267	0.0875	0.281	0.00886	34.7	0.0826	109	0.0034	0.000999	0.00000604	0.00646	0.00472	0.116	0.0191	0.00000697	36.4	0.0000283	0.00257	0.000308	0.00209	0.0355
2116 Dec	267	0.0875	0.281	0.00886	34.7	0.0826	109	0.0034	0.000999	0.00000604	0.00646	0.00472	0.116	0.0191	0.00000697	36.4	0.0000283	0.00257	0.000308	0.00209	0.0355
2117 Jan	267	0.0875	0.281	0.00886	34.7	0.0826	109	0.0034	0.000999	0.00000604	0.00646	0.00472	0.116	0.0191	0.00000697	36.4	0.0000283	0.00257	0.000308	0.00209	0.0355
2117 Feb	267	0.0875	0.281	0.00886	34.7	0.0826	109	0.0034	0.000999	0.00000604	0.00646	0.00472	0.116	0.0191	0.00000697	36.4	0.0000283	0.00257	0.000308	0.00209	0.0355
2117 Mar	267	0.0875	0.281	0.00886	34.7	0.0827	109	0.0034	0.000999	0.00000604	0.00646	0.00472	0.116	0.0191	0.00000697	36.4	0.0000283	0.00257	0.000308	0.00209	0.0355
2117 Apr	267	0.0876	0.282	0.00886	34.7	0.0827	109	0.0034	0.000999	0.00000604	0.00646	0.00472	0.116	0.0191	0.00000698	36.4	0.0000283	0.00257	0.000309	0.00209	0.0355
2117 May	267	0.0876	0.282	0.00887	34.7	0.0827	109	0.0034	0.001	0.00000604	0.00647	0.00472	0.116	0.0191	0.00000698	36.4	0.0000283	0.00257	0.000309	0.0021	0.0355
2117 Jun	268	0.0876	0.282	0.00888	34.7	0.0829	109	0.00341	0.001	0.00000604	0.00648	0.00474	0.116	0.0191	0.00000699	36.5	0.0000284	0.00258	0.00031	0.0021	0.0356
2117 Jul	268	0.0878	0.282	0.0089	34.8	0.0831	109	0.00342	0.001	0.00000606	0.0065	0.00475	0.117	0.0192	0.00000701	36.6	0.0000284	0.00259	0.000311	0.00211	0.0357
2117 Aug	269	0.088	0.283	0.00891	34.8	0.0833	109	0.00343	0.001	0.00000607	0.00651	0.00476	0.117	0.0192	0.00000702	36.7	0.0000285	0.00259	0.000311	0.00211	0.0358
2117 Sep	269	0.088	0.283	0.00892	34.8	0.0833	110	0.00343	0.001	0.00000607	0.00651	0.00476	0.117	0.0192	0.00000702	36.7	0.0000285	0.00259	0.000311	0.00211	0.0358
2117 Oct	269	0.088	0.283	0.00891	34.8	0.0833	109	0.00343	0.001	0.00000607	0.00651	0.00476	0.117	0.0192	0.00000702	36.7	0.0000285	0.00259	0.000311	0.00211	0.0358
2117 Nov	269	0.088	0.283	0.00891	34.8	0.0833	109	0.00343	0.001	0.00000607	0.00651	0.00476	0.117	0.0192	0.00000701	36.7	0.0000285	0.00259	0.000311	0.00211	0.0358
2117 Dec	269	0.088	0.283	0.00891	34.8	0.0833	109	0.00343	0.001	0.00000607	0.00651	0.00476	0.117	0.0192	0.00000701	36.7	0.0000285	0.00259	0.000311	0.00211	0.0358
2118 Jan	269	0.088	0.283	0.00891	34.8	0.0833	109	0.00343	0.001	0.00000607	0.00651	0.00476	0.117	0.0192	0.00000701	36.7	0.0000285	0.00259	0.000311	0.00211	0.0358
2118 Feb	269	0.088	0.283	0.00891	34.8	0.0833	109	0.00343	0.001	0.00000607	0.00651	0.00476	0.117	0.0192	0.00000701	36.7	0.0000285	0.00259	0.000311	0.00211	0.0358
2118 Mar	269	0.088	0.283	0.00891	34.8	0.0833	109	0.00343	0.001	0.00000607	0.00651	0.00476	0.117	0.0192	0.00000701	36.7	0.0000285	0.00259	0.000311	0.00211	0.0358
2118 Apr	269	0.088	0.283	0.00891	34.8	0.0833	109	0.00343	0.001	0.00000607	0.00651	0.00476	0.117	0.0192	0.00000702	36.7	0.0000285	0.00259	0.000311	0.00211	0.0358
2118 May	269	0.0879	0.282	0.00891	34.8	0.0833	110	0.00343	0.001	0.00000607	0.00651	0.00476	0.117	0.0192	0.00000701	36.7	0.0000285	0.00259	0.000311	0.00211	0.0358
2118 Jun	269	0.0877	0.281	0.00893	34.5	0.0837	110	0.00345	0.001	0.00000606	0.00653	0.0048	0.118	0.0193	0.00000701	36.9	0.0000286	0.00261	0.000313	0.00212	0.0359
2118 Jul	270	0.088	0.282	0.00895	34.6	0.0839	111	0.00346	0.001	0.00000607	0.00655	0.00482	0.118	0.0193	0.00000703	37.1	0.0000287	0.00262	0.000314	0.00212	0.036
2118 Aug	270	0.0879	0.282	0.00895	34.6	0.0839	111	0.00346	0.001	0.00000607	0.00655	0.00481	0.118	0.0193	0.00000703	37	0.0000287	0.00262	0.000314	0.00212	0.036
2118 Sep	270	0.0878	0.281	0.00895	34.5	0.084	111	0.00347	0.001	0.00000606	0.00655	0.00483	0.119	0.0193	0.00000703	37.1	0.0000288	0.00263	0.000314	0.00213	0.036
2118 Oct	270	0.0876	0.28	0.00896	34.4	0.0843	111	0.00348	0.000999	0.00000606	0.00656	0.00485	0.119	0.0194	0.00000703	37.3	0.0000289	0.00265	0.000315	0.00213	0.0361
2118 Nov	270	0.0876	0.28	0.00897	34.3	0.0844	112	0.00348	0.000999	0.00000606	0.00656	0.00486	0.119	0.0194	0.00000703	37.3	0.0000289	0.00265	0.000315	0.00213	0.0361
2118 Dec	270	0.0876	0.28	0.00897	34.3	0.0844	112	0.00348	0.000999	0.00000606	0.00656	0.00486	0.119	0.0194	0.00000703	37.3	0.0000289	0.00265	0.000315	0.00213	0.0361
2119 Jan	270	0.0876	0.28	0.00897	34.3	0.0844	112	0.00348	0.000999	0.00000606	0.00656	0.00486	0.119	0.0194	0.00000703	37.3	0.0000289	0.00265	0.000315	0.00213	0.0361
2119 Feb	270	0.0876	0.28	0.00897	34.3	0.0844	112	0.00348	0.000999	0.00000606	0.00656	0.00486	0.119	0.0194	0.00000703	37.3	0.0000289	0.00265	0.000315	0.00213	0.0361
2119 Mar	270	0.0876	0.28	0.00897	34.3	0.0844	112	0.00348	0.000999	0.00000606	0.00656	0.00486	0.119	0.0194	0.00000703	37.3	0.0000289	0.00265	0.000315	0.00213	0.0361
2119 Apr	270	0.0877	0.28	0.00897	34.3	0.0844	112	0.00348	0.000999	0.00000606	0.00657	0.00486	0.119	0.0194	0.00000704	37.3	0.0000289	0.00265	0.000315	0.00214	0.0361
2119 May	270	0.0876	0.28	0.00898	34.2	0.0846	112	0.00349	0.000998	0.00000606	0.00658	0.00488	0.12	0.0194	0.00000703	37.4	0.000029	0.00266	0.000316	0.00214	0.0362
2119 Jun	270	0.0875	0.279	0.00899	34.2	0.0848	112	0.0035	0.000997	0.00000605	0.00659	0.0049	0.12	0.0195	0.00000704	37.6	0.000029	0.00267	0.000317	0.00214	0.0363
2119 Jul	271	0.0877	0.28	0.00901	34.2	0.085	113	0.00351	0.001	0.00000607	0.0066	0.00491	0.12	0.0195	0.00000706	37.7	0.0000291	0.00268	0.000318	0.00215	0.0364
2119 Aug	271	0.0878	0.28	0.00902	34.3	0.0851	113	0.00352	0.001	0.00000608	0.00661	0.00492	0.121	0.0196	0.00000707	37.7	0.0000292	0.00268	0.000318	0.00215	0.0364
2119 Sep	271	0.0878	0.28	0.00902	34.2	0.085	113	0.00351	0.001	0.00000607	0.00661	0.00491	0.121	0.0195	0.00000706	37.7	0.0000291	0.00268	0.000318	0.00215	0.0364
2119 Oct	271	0.0877	0.28	0.00902	34.2	0.0852	113	0.00352	0.000999	0.00000607	0.00661	0.00493	0.121	0.0196	0.00000706	37.8	0.0000292	0.00269	0.000319	0.00215	0.0364
2119 Nov	271	0.0876	0.279	0.00903	34.1	0.0853	113	0.00353	0.000998	0.00000607	0.00662	0.00494	0.121	0.0196	0.00000706	37.8	0.0000292	0.00269	0.000319	0.00216	0.0364
2119 Dec	271	0.0876	0.279	0.00903	34.1	0.0853	113	0.00353	0.000998	0.00000607	0.00662	0.00494	0.121	0.0196	0.00000706	37.8	0.0000292	0.00269	0.000319	0.00216	0.0364

Appendix D.3-3: WES

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2119): Min	0.00000183	1.45	1.84	0.0088	0.000258	18.1	0.0021	0.00579	0.0000459	0.000102	0.0000702	0.0881	0.000002	0.0000572	0.000132	0.000893	0.00017
Post Closure (2044-2119): Mean	0.0000061	3.31	5.35	0.0359	0.00101	19.7	0.00516	0.0127	0.000105	0.000294	0.000198	0.175	0.00000252	0.000453	0.00034	0.00124	0.000202
Post Closure (2044-2119): Max	0.0000122	6.19	10.8	0.0765	0.00217	21.1	0.0101	0.0207	0.000185	0.000592	0.000397	0.319	0.00000306	0.00102	0.000641	0.00168	0.000308
Water quality guideline for the protection of aquatic life	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
Model Predictions (2044-2119)																	
2044 Jan	0.00000183	1.45	1.84	0.0088	0.000258	20.4	0.0021	0.00579	0.0000459	0.000102	0.0000702	0.0881	0.000002	0.0000572	0.000132	0.000893	0.000297
2044 Feb	0.00000189	1.5	1.9	0.00909	0.000266	21.1	0.00217	0.00598	0.0000474	0.000105	0.0000725	0.091	0.00000207	0.0000591	0.000136	0.000923	0.000307
2044 Mar	0.00000189	1.5	1.9	0.00909	0.000266	21.1	0.00217	0.00598	0.0000474	0.000105	0.0000725	0.091	0.00000207	0.0000591	0.000136	0.000923	0.000307
2044 Apr	0.00000189	1.5	1.9	0.00909	0.000266	21.1	0.00217	0.00598	0.0000474	0.000105	0.0000725	0.091	0.00000207	0.0000591	0.000136	0.000923	0.000307
2044 May	0.00000189	1.5	1.9	0.0091	0.000266	21.1	0.00218	0.00598	0.0000474	0.000105	0.0000726	0.0911	0.00000207	0.0000591	0.000136	0.000924	0.000308
2044 Jun	0.00000189	1.49	1.9	0.00908	0.000266	20.9	0.00217	0.00597	0.0000473	0.000105	0.0000723	0.0906	0.00000206	0.0000601	0.000136	0.000921	0.000304
2044 Jul	0.0000019	1.5	1.9	0.0091	0.000266	20.9	0.00217	0.00597	0.0000473	0.000105	0.0000724	0.0905	0.00000206	0.0000609	0.000136	0.000921	0.000302
2044 Aug	0.0000019	1.5	1.9	0.00912	0.000267	20.9	0.00217	0.00599	0.0000475	0.000105	0.0000726	0.0908	0.00000207	0.0000611	0.000136	0.000924	0.000303
2044 Sep	0.0000019	1.5	1.9	0.00912	0.000267	20.9	0.00217	0.00599	0.0000474	0.000105	0.0000726	0.0907	0.00000207	0.000061	0.000136	0.000923	0.000303
2044 Oct	0.0000019	1.5	1.9	0.00912	0.000267	20.9	0.00217	0.00599	0.0000474	0.000105	0.0000726	0.0907	0.00000207	0.000061	0.000136	0.000923	0.000303
2044 Nov	0.0000019	1.5	1.9	0.00912	0.000267	20.9	0.00217	0.00599	0.0000474	0.000105	0.0000726	0.0907	0.00000207	0.000061	0.000136	0.000923	0.000303
2044 Dec	0.0000019	1.5	1.9	0.00912	0.000267	20.9	0.00217	0.00599	0.0000474	0.000105	0.0000726	0.0907	0.00000207	0.000061	0.000136	0.000923	0.000303
2045 Jan	0.0000019	1.5	1.9	0.00912	0.000267	20.9	0.00217	0.00599	0.0000474	0.000105	0.0000726	0.0907	0.00000207	0.000061	0.000136	0.000923	0.000303
2045 Feb	0.0000019	1.5	1.9	0.00912	0.000267	20.9	0.00217	0.00599	0.0000474	0.000105	0.0000726	0.0907	0.00000207	0.000061	0.000136	0.000923	0.000303
2045 Mar	0.0000019	1.5	1.9	0.00912	0.000267	20.9	0.00217	0.00599	0.0000474	0.000105	0.0000726	0.0907	0.00000207	0.000061	0.000136	0.000923	0.000303
2045 Apr	0.0000019	1.5	1.9	0.00912	0.000267	20.9	0.00217	0.00599	0.0000474	0.000105	0.0000726	0.0907	0.00000207	0.000061	0.000136	0.000923	0.000303
2045 May	0.0000019	1.5	1.9	0.00912	0.000267	20.9	0.00217	0.00599	0.0000475	0.000105	0.0000726	0.0907	0.00000207	0.0000611	0.000136	0.000923	0.000303
2045 Jun	0.00000191	1.5	1.91	0.00917	0.000268	20.9	0.00217	0.00603	0.0000476	0.000105	0.0000726	0.0906	0.00000207	0.0000622	0.000137	0.000924	0.000301
2045 Jul	0.00000192	1.5	1.91	0.00923	0.000269	20.8	0.00217	0.00607	0.0000479	0.000105	0.0000728	0.0907	0.00000208	0.0000634	0.000137	0.000925	0.000299
2045 Aug	0.00000193	1.5	1.91	0.00924	0.000269	20.9	0.00218	0.00608	0.000048	0.000106	0.0000729	0.0908	0.00000208	0.0000635	0.000137	0.000927	0.0003
2045 Sep	0.00000193	1.5	1.91	0.00924	0.000269	20.9	0.00218	0.00608	0.000048	0.000106	0.0000729	0.0908	0.00000208	0.0000635	0.000137	0.000927	0.0003
2045 Oct	0.00000193	1.51	1.92	0.00925	0.000269	20.9	0.00218	0.00608	0.000048	0.000106	0.000073	0.0909	0.00000208	0.0000635	0.000137	0.000927	0.0003
2045 Nov	0.00000193	1.51	1.92	0.00925	0.000269	20.9	0.00218	0.00609	0.000048	0.000106	0.000073	0.0909	0.00000208	0.0000635	0.000137	0.000927	0.0003
2045 Dec	0.00000193	1.51	1.92	0.00925	0.000269	20.9	0.00218	0.00609	0.000048	0.000106	0.000073	0.0909	0.00000208	0.0000635	0.000137	0.000927	0.0003
2046 Jan	0.00000193	1.51	1.92	0.00925	0.000269	20.9	0.00218	0.00609	0.000048	0.000106	0.000073	0.0909	0.00000208	0.0000635	0.000137	0.000927	0.0003
2046 Feb	0.00000193	1.51	1.92	0.00925	0.000269	20.9	0.00218	0.00609	0.000048	0.000106	0.000073	0.0909	0.00000208	0.0000635	0.000137	0.000927	0.0003
2046 Mar	0.00000193	1.51	1.92	0.00925	0.000269	20.9	0.00218	0.00609	0.000048	0.000106	0.000073	0.0909	0.00000208	0.0000635	0.000137	0.000927	0.0003
2046 Apr	0.00000193	1.51	1.92	0.00925	0.00027	20.9	0.00218	0.00609	0.000048	0.000106	0.000073	0.0909	0.00000208	0.0000635	0.000137	0.000927	0.0003
2046 May	0.00000193	1.51	1.92	0.00926	0.00027	20.9	0.00218	0.00609	0.000048	0.000106	0.000073	0.091	0.00000208	0.0000636	0.000137	0.000928	0.0003
2046 Jun	0.00000194	1.51	1.92	0.00931	0.000271	20.8	0.00218	0.00614	0.0000482	0.000106	0.0000731	0.0907	0.00000208	0.0000651	0.000138	0.000927	0.000297
2046 Jul	0.00000196	1.51	1.92	0.00939	0.000272	20.6	0.00217	0.00618	0.0000485	0.000106	0.0000732	0.0905	0.00000208	0.0000673	0.000138	0.000927	0.000293
2046 Aug	0.00000196	1.51	1.93	0.00941	0.000273	20.7	0.00218	0.00619	0.0000485	0.000106	0.0000734	0.0907	0.00000209	0.0000674	0.000139	0.000929	0.000294
2046 Sep	0.00000196	1.51	1.93	0.0094	0.000272	20.7	0.00218	0.00619	0.0000485	0.000106	0.0000733	0.0906	0.00000209	0.0000674	0.000138	0.000928	0.000293
2046 Oct	0.00000196	1.51	1.92	0.0094	0.000272	20.6	0.00218	0.00619	0.0000485	0.000106	0.0000733	0.0906	0.00000208	0.0000673	0.000138	0.000928	0.000293
2046 Nov	0.00000196	1.51	1.92	0.0094	0.000272	20.6	0.00218	0.00619	0.0000485	0.000106	0.0000733	0.0906	0.00000208	0.0000673	0.000138	0.000928	0.000293
2046 Dec	0.00000196	1.51	1.92	0.0094	0.000272	20.6	0.00218	0.00619	0.0000485	0.000106	0.0000733	0.0906	0.00000208	0.0000673	0.000138	0.000928	0.000293
2047 Jan	0.00000196	1.51	1.92	0.0094	0.000272	20.6	0.00218	0.00619	0.0000485	0.000106	0.0000733	0.0906	0.00000208	0.0000673	0.000138	0.000928	0.000293
2047 Feb	0.00000196	1.51	1.92	0.0094	0.000272	20.6	0.00218	0.00619	0.0000485	0.000106	0.0000733	0.0906	0.00000208	0.0000673	0.000138	0.000928	0.000293
2047 Mar	0.00000196	1.51	1.92	0.0094	0.000272	20.6	0.00218	0.00619	0.0000485	0.000106	0.0000733	0.0906	0.00000208	0.0000673	0.000138	0.000928	0.000293
2047 Apr	0.00000196	1.51	1.93	0.0094	0.000272	20.7	0.00218	0.00619	0.0000485	0.000106	0.0000733	0.0906	0.00000208	0.0000673	0.000138	0.000928	0.000293
2047 May	0.00000196	1.51	1.93	0.00942	0.000273	20.6	0.00218	0.0062	0.0000486	0.000106	0.0000734	0.0906	0.00000209	0.0000676	0.000139	0.000928	0.000293
2047 Jun	0.00000199	1.51	1.94	0.00959	0.000275	20.5	0.00218	0.00627	0.0000492	0.000107	0.0000738	0.0905	0.00000209	0.0000707	0.00014	0.000928	0.000288
2047 Jul	0.00000199	1.52	1.94	0.00961	0.000276	20.5	0.00218	0.00629	0.0000494	0.000107	0.0000739	0.0907	0.00000209	0.000071	0.00014	0.000931	0.000288
2047 Aug	0.00000199	1.52	1.95	0.00963	0.000277	20.6	0.00219	0.0063	0.0000495	0.000107	0.0000741	0.0909	0.0000021	0.0000711	0.00014	0.000933	0.000289
2047 Sep	0.00000199	1.52	1.95	0.00963	0.000277	20.6	0.00219	0.0063	0.0000495	0.000107	0.0000741	0.0909	0.0000021	0.0000711	0.00014	0.000932	0.000289
2047 Oct	0.00000199	1.52	1.94	0.00962	0.000276	20.5	0.00218	0.0063	0.0000494	0.000107	0.000074	0.0908	0.00000209	0.000071	0.00014	0.000932	0.000289
2047 Nov	0.00000199	1.52	1.94	0.00962	0.000276	20.5	0.00218	0.0063	0.0000494	0.000107	0.000074	0.0908	0.00000209	0.000071	0.00014	0.000932	0.000289
2047 Dec	0.00000199	1.52	1.94	0.00962	0.000276	20.5	0.00218	0.0063	0.0000494	0.000107	0.000074	0.0908	0.00000209	0.000071	0.00014	0.000932	0.000289
2048 Jan	0.00000199	1.52	1.94	0.00962	0.000276	20.5	0.00218	0.0063	0.0000494	0.000107	0.000074	0.0908	0.00000209	0.000071	0.00014	0.000932	0.000289
2048 Feb	0.00000199	1.52	1.94	0.00962	0.000276	20.5	0.00218	0.0063	0.0000494	0.000107	0.000074	0.0908	0.00000209	0.000071	0.00014	0.000932	0.000289
2048 Mar	0.00000199	1.52	1.94	0.00962	0.000276	20.5	0.00218	0.0063	0.0000494	0.000107	0.000074	0.0908	0.00000209	0.000071	0.00014	0.000932	0.000289
2048 Apr	0.00000199	1.52	1.94	0.00963	0.000277	20.6	0.00218	0.0063	0.0000494	0.000107	0.000074	0.0908	0.0000021	0.0000711	0.00014	0.000932	0.000289
2048 May	0.000002	1.52	1.95	0.00963	0.000277	20.6	0.00219	0.0063	0.0000495	0.000107	0.0000741	0.0909	0.0000021	0.0000711	0.00014	0.000933	0.000289
2048 Jun	0.00000202	1.52	1.95	0.00974	0.000279	20.4	0.00219	0.00636	0.0000497	0.000107	0.0000744	0.0908	0.0000021	0.0000734	0.000141	0.000932	0.000285
2048 Jul	0.00000204	1.53	1.96	0.00987	0.000282	20.3	0.00219	0.00642	0.0000501	0.000108	0.0000749	0.0908	0.0000021	0.0000762	0.000142	0.000933	0.000281
2048 Aug	0.00000204	1.53	1.97	0.00988	0.000282	20.3	0.00219	0.00643	0.0000502	0.000108	0.0000749	0.0909	0.0000021	0.0000763	0.000142	0.000934	0.000281
2048 Sep	0.00000204	1.53	1.97	0.00988	0.000282	20.3	0.00219	0.00643	0.0000501	0.000108	0.0000749	0.0908	0.0000021	0.0000763	0.000142	0.000934	0.000281
2048 Oct	0.00000204	1.53	1.97	0.00988	0.000282	20.3	0.00219	0.00643	0.0000501	0.000108	0.0000749	0.0908	0.0000021	0.0000763	0.000142	0.000934	0.000281
2048 Nov	0.00000204	1.53	1.97	0.00988	0.000282	20.3	0.00219	0.00643	0.0000501	0.000108	0.0000749	0.0908	0.0000021	0.0000763	0.000142	0.000934	0.000281
2048 Dec	0.00000204	1.53	1.97	0.00988	0.000282	20.3	0.00219	0.00643	0.0000501	0.000108	0.0000749	0.0908	0.0000021	0.0000763	0.000142	0.000934	0.000281
2049 Jan	0.00000204	1.53	1.97	0.00988	0.000282	20.3	0.00219	0.00643	0.0000501	0.000108	0.0000749	0.0908	0.0000021	0.0000763	0.000142	0.000934	0.000281
2049 Feb	0.00000204	1.53	1.97	0.00988	0.000282	20.3	0.00219	0.00643	0.0000501	0.000108	0.0000749	0.0908	0.0000021	0.0000763	0.000142	0.000934	0.000281
2049 Mar	0.00000204	1.53	1.97	0.00988	0.000282	20.3	0.00219	0.00643	0.0000501	0.000108	0.0000749	0.0908	0.0000021	0.0000763	0.000142	0.000934	0.000281
2049 Apr	0.00000204	1.53	1.97	0.00988	0.000282	20.3	0.00219	0.00643	0.0000501	0.000108	0.0000749	0.0908	0.0000021	0.0000763	0.000142	0.000934	0.000281
2049 May	0.00000204	1.53	1.97	0.00989	0.000283	20.4	0.00219	0.00643	0.0000502	0.000108	0.000075	0.0909	0.0000021	0.0000763	0.000142	0.000935	0.000282
2049 Jun	0.00000207	1.53	1.98	0.01	0.000286	20.2	0.00219	0.0065	0.0000505	0.000109	0.0000754	0.0908	0.0000021	0.0000792	0.000143	0.000935	0.000277
2049 Jul	0.00000209	1.54	1.99	0.0102	0.000289	20.1	0.0022	0.00655	0.0000508	0.000109	0.0000759	0.0909	0.00000211	0.0000816	0.000144	0.000936	0.000274
2049 Aug	0.00000209	1.54	1.99	0.0102	0.000289	20.2	0.0022	0.00656	0.0000509	0.000109	0.0000761	0.0911	0.00000211	0.0000818	0.000144	0.000938	0.000275
2049 Sep	0.00000209	1.54	1.99	0.0102	0.000289	20.2	0.0022	0.00656	0.0000509	0.000109	0.0000761	0.0911	0.00000211	0.0000818	0.000144	0.000938	0.000275

Appendix D.3-3: WES

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2049 Oct	0.00000209	1.54	1.99	0.0102	0.000289	20.2	0.0022	0.00656	0.0000509	0.000109	0.0000761	0.0911	0.00000211	0.0000817	0.000144	0.000938	0.000275
2049 Nov	0.00000209	1.54	1.99	0.0102	0.000289	20.2	0.0022	0.00656	0.0000509	0.000109	0.0000761	0.0911	0.00000211	0.0000817	0.000144	0.000938	0.000275
2049 Dec	0.00000209	1.54	1.99	0.0102	0.000289	20.2	0.0022	0.00656	0.0000509	0.000109	0.0000761	0.0911	0.00000211	0.0000817	0.000144	0.000938	0.000275
2050 Jan	0.00000209	1.54	1.99	0.0102	0.000289	20.2	0.0022	0.00656	0.0000509	0.000109	0.0000761	0.0911	0.00000211	0.0000817	0.000144	0.000938	0.000275
2050 Feb	0.00000209	1.54	1.99	0.0102	0.000289	20.2	0.0022	0.00656	0.0000509	0.000109	0.0000761	0.0911	0.00000211	0.0000817	0.000144	0.000938	0.000275
2050 Mar	0.00000209	1.54	1.99	0.0102	0.000289	20.2	0.0022	0.00656	0.0000509	0.000109	0.0000761	0.0911	0.00000211	0.0000817	0.000144	0.000938	0.000275
2050 Apr	0.00000209	1.54	1.99	0.0102	0.000289	20.2	0.0022	0.00657	0.0000509	0.000109	0.0000761	0.0911	0.00000211	0.0000818	0.000144	0.000938	0.000275
2050 May	0.00000209	1.54	1.99	0.0102	0.000289	20.2	0.00221	0.00657	0.0000509	0.00011	0.0000761	0.0911	0.00000211	0.0000818	0.000144	0.000939	0.000275
2050 Jun	0.00000211	1.55	2	0.0103	0.000291	20.1	0.00221	0.0066	0.0000511	0.00011	0.0000764	0.0911	0.00000211	0.0000833	0.000145	0.000939	0.000273
2050 Jul	0.00000212	1.55	2.01	0.0104	0.000294	20.1	0.00221	0.00664	0.0000513	0.00011	0.0000768	0.0912	0.00000211	0.0000852	0.000145	0.000939	0.000271
2050 Aug	0.00000213	1.55	2.01	0.0104	0.000294	20.1	0.00221	0.00665	0.0000514	0.00011	0.0000769	0.0913	0.00000212	0.0000854	0.000146	0.00094	0.000271
2050 Sep	0.00000213	1.55	2.01	0.0104	0.000294	20.1	0.00221	0.00666	0.0000514	0.000111	0.0000769	0.0913	0.00000212	0.0000854	0.000146	0.000941	0.000271
2050 Oct	0.00000213	1.56	2.01	0.0104	0.000294	20.1	0.00222	0.00666	0.0000514	0.000111	0.0000769	0.0914	0.00000212	0.0000854	0.000146	0.000941	0.000271
2050 Nov	0.00000213	1.56	2.01	0.0104	0.000294	20.1	0.00222	0.00666	0.0000514	0.000111	0.0000769	0.0914	0.00000212	0.0000854	0.000146	0.000941	0.000271
2050 Dec	0.00000213	1.56	2.01	0.0104	0.000294	20.1	0.00222	0.00666	0.0000514	0.000111	0.0000769	0.0914	0.00000212	0.0000854	0.000146	0.000941	0.000271
2051 Jan	0.00000213	1.56	2.01	0.0104	0.000294	20.1	0.00222	0.00666	0.0000514	0.000111	0.0000769	0.0914	0.00000212	0.0000854	0.000146	0.000941	0.000271
2051 Feb	0.00000213	1.56	2.01	0.0104	0.000294	20.1	0.00222	0.00666	0.0000514	0.000111	0.0000769	0.0914	0.00000212	0.0000854	0.000146	0.000941	0.000271
2051 Mar	0.00000213	1.56	2.01	0.0104	0.000294	20.1	0.00222	0.00666	0.0000514	0.000111	0.0000769	0.0914	0.00000212	0.0000854	0.000146	0.000941	0.000271
2051 Apr	0.00000213	1.56	2.01	0.0104	0.000294	20.1	0.00222	0.00666	0.0000515	0.000111	0.000077	0.0914	0.00000212	0.0000855	0.000146	0.000941	0.000271
2051 May	0.00000213	1.56	2.02	0.0104	0.000295	20.1	0.00222	0.00667	0.0000515	0.000111	0.000077	0.0915	0.00000212	0.0000855	0.000146	0.000942	0.000271
2051 Jun	0.00000217	1.57	2.04	0.0106	0.0003	20	0.00223	0.00676	0.0000521	0.000112	0.0000779	0.0915	0.00000212	0.0000897	0.000148	0.000942	0.000266
2051 Jul	0.00000219	1.58	2.05	0.0108	0.000304	19.9	0.00224	0.00681	0.0000525	0.000113	0.0000786	0.0918	0.00000213	0.0000924	0.000149	0.000944	0.000264
2051 Aug	0.0000022	1.58	2.05	0.0108	0.000304	19.9	0.00224	0.00682	0.0000525	0.000113	0.0000786	0.0919	0.00000213	0.0000925	0.000149	0.000945	0.000264
2051 Sep	0.0000022	1.58	2.06	0.0108	0.000305	19.9	0.00224	0.00682	0.0000525	0.000113	0.0000787	0.0918	0.00000213	0.0000927	0.000149	0.000945	0.000264
2051 Oct	0.00000221	1.58	2.06	0.0109	0.000307	19.9	0.00224	0.00685	0.0000526	0.000113	0.000079	0.0919	0.00000212	0.0000944	0.000149	0.000944	0.000261
2051 Nov	0.00000221	1.58	2.06	0.0109	0.000307	19.9	0.00224	0.00685	0.0000526	0.000113	0.0000791	0.0919	0.00000212	0.0000946	0.000149	0.000944	0.000261
2051 Dec	0.00000221	1.58	2.06	0.0109	0.000307	19.9	0.00224	0.00685	0.0000526	0.000113	0.0000791	0.0919	0.00000212	0.0000946	0.000149	0.000944	0.000261
2052 Jan	0.00000221	1.58	2.06	0.0109	0.000307	19.9	0.00224	0.00685	0.0000526	0.000113	0.0000791	0.0919	0.00000212	0.0000946	0.000149	0.000944	0.000261
2052 Feb	0.00000221	1.58	2.06	0.0109	0.000307	19.9	0.00224	0.00685	0.0000526	0.000113	0.0000791	0.0919	0.00000212	0.0000946	0.000149	0.000944	0.000261
2052 Mar	0.00000221	1.58	2.06	0.0109	0.000307	19.9	0.00224	0.00685	0.0000526	0.000113	0.0000791	0.0919	0.00000212	0.0000946	0.000149	0.000944	0.000261
2052 Apr	0.00000221	1.58	2.06	0.0109	0.000307	19.9	0.00224	0.00685	0.0000526	0.000113	0.0000791	0.0919	0.00000212	0.0000946	0.000149	0.000944	0.000261
2052 May	0.00000221	1.58	2.07	0.0109	0.000308	19.9	0.00224	0.00686	0.0000527	0.000113	0.0000791	0.0919	0.00000213	0.0000947	0.000149	0.000945	0.000261
2052 Jun	0.00000223	1.59	2.08	0.011	0.00031	19.8	0.00225	0.0069	0.0000529	0.000114	0.0000795	0.0921	0.00000213	0.0000962	0.00015	0.000946	0.00026
2052 Jul	0.00000224	1.59	2.08	0.011	0.000311	19.9	0.00225	0.00691	0.000053	0.000114	0.0000797	0.0922	0.00000213	0.0000968	0.00015	0.000947	0.00026
2052 Aug	0.00000224	1.59	2.08	0.0111	0.000311	19.9	0.00226	0.00692	0.0000531	0.000114	0.0000798	0.0923	0.00000213	0.0000969	0.000151	0.000948	0.00026
2052 Sep	0.00000224	1.59	2.08	0.0111	0.000311	19.9	0.00226	0.00692	0.0000531	0.000114	0.0000798	0.0923	0.00000213	0.0000969	0.000151	0.000948	0.00026
2052 Oct	0.00000224	1.59	2.08	0.0111	0.000311	19.9	0.00226	0.00692	0.0000531	0.000114	0.0000798	0.0923	0.00000213	0.0000969	0.000151	0.000948	0.00026
2052 Nov	0.00000224	1.59	2.08	0.0111	0.000311	19.9	0.00226	0.00692	0.0000531	0.000114	0.0000798	0.0923	0.00000213	0.0000969	0.000151	0.000948	0.00026
2052 Dec	0.00000224	1.59	2.08	0.0111	0.000311	19.9	0.00226	0.00692	0.0000531	0.000114	0.0000798	0.0923	0.00000213	0.0000969	0.000151	0.000948	0.00026
2053 Jan	0.00000224	1.59	2.08	0.0111	0.000311	19.9	0.00226	0.00692	0.0000531	0.000114	0.0000798	0.0923	0.00000213	0.0000969	0.000151	0.000948	0.00026
2053 Feb	0.00000224	1.59	2.08	0.0111	0.000311	19.9	0.00226	0.00692	0.0000531	0.000114	0.0000798	0.0923	0.00000213	0.0000969	0.000151	0.000948	0.00026
2053 Mar	0.00000224	1.59	2.08	0.0111	0.000311	19.9	0.00226	0.00693	0.0000531	0.000114	0.0000798	0.0923	0.00000213	0.0000969	0.000151	0.000948	0.00026
2053 Apr	0.00000224	1.59	2.08	0.0111	0.000311	19.9	0.00226	0.00693	0.0000531	0.000114	0.0000798	0.0924	0.00000213	0.0000969	0.000151	0.000949	0.00026
2053 May	0.00000224	1.59	2.09	0.0111	0.000312	19.9	0.00226	0.00694	0.0000532	0.000114	0.0000799	0.0924	0.00000213	0.0000971	0.000151	0.000949	0.00026
2053 Jun	0.00000229	1.61	2.11	0.0114	0.000319	19.8	0.00227	0.00703	0.0000539	0.000116	0.000081	0.0927	0.00000214	0.000102	0.000153	0.00095	0.000256
2053 Jul	0.0000023	1.61	2.12	0.0115	0.000321	19.8	0.00228	0.00706	0.0000541	0.000116	0.0000815	0.093	0.00000214	0.000103	0.000153	0.000952	0.000255
2053 Aug	0.00000231	1.62	2.13	0.0115	0.000322	19.8	0.00229	0.00707	0.0000542	0.000117	0.0000817	0.0932	0.00000215	0.000103	0.000154	0.000954	0.000256
2053 Sep	0.00000231	1.62	2.13	0.0115	0.000322	19.9	0.00229	0.00708	0.0000543	0.000117	0.0000818	0.0933	0.00000215	0.000103	0.000154	0.000956	0.000256
2053 Oct	0.00000231	1.62	2.13	0.0115	0.000322	19.9	0.00229	0.00708	0.0000543	0.000117	0.0000818	0.0934	0.00000215	0.000103	0.000154	0.000956	0.000256
2053 Nov	0.00000231	1.62	2.13	0.0115	0.000322	19.9	0.00229	0.00708	0.0000543	0.000117	0.0000818	0.0934	0.00000215	0.000103	0.000154	0.000956	0.000256
2053 Dec	0.00000231	1.62	2.13	0.0115	0.000322	19.9	0.00229	0.00708	0.0000543	0.000117	0.0000818	0.0934	0.00000215	0.000103	0.000154	0.000956	0.000256
2054 Jan	0.00000231	1.62	2.13	0.0115	0.000322	19.9	0.00229	0.00708	0.0000543	0.000117	0.0000818	0.0934	0.00000215	0.000103	0.000154	0.000956	0.000256
2054 Feb	0.00000231	1.62	2.13	0.0115	0.000322	19.9	0.00229	0.00708	0.0000543	0.000117	0.0000818	0.0934	0.00000215	0.000103	0.000154	0.000956	0.000256
2054 Mar	0.00000231	1.62	2.13	0.0115	0.000322	19.9	0.00229	0.00708	0.0000543	0.000117	0.0000818	0.0934	0.00000215	0.000103	0.000154	0.000956	0.000256
2054 Apr	0.00000231	1.62	2.13	0.0115	0.000322	19.9	0.00229	0.00709	0.0000543	0.000117	0.0000818	0.0934	0.00000215	0.000103	0.000154	0.000956	0.000256
2054 May	0.00000231	1.62	2.13	0.0115	0.000322	19.9	0.00229	0.00709	0.0000544	0.000117	0.0000818	0.0934	0.00000215	0.000104	0.000154	0.000957	0.000256
2054 Jun	0.00000232	1.62	2.13	0.0115	0.000323	19.8	0.00229	0.00711	0.0000546	0.000117	0.0000819	0.0933	0.00000215	0.000104	0.000154	0.000955	0.000255
2054 Jul	0.00000233	1.62	2.14	0.0116	0.000324	19.8	0.0023	0.00713	0.0000547	0.000117	0.0000821	0.0934	0.00000215	0.000105	0.000155	0.000956	0.000254
2054 Aug	0.00000233	1.62	2.14	0.0116	0.000325	19.8	0.0023	0.00713	0.0000547	0.000117	0.0000822	0.0935	0.00000215	0.000105	0.000155	0.000957	0.000254
2054 Sep	0.00000233	1.63	2.14	0.0116	0.000325	19.8	0.0023	0.00714	0.0000547	0.000117	0.0000822	0.0935	0.00000215	0.000105	0.000155	0.000957	0.000254
2054 Oct	0.00000233	1.63	2.14	0.0116	0.000325	19.8	0.0023	0.00714	0.0000547	0.000117	0.0000823	0.0935	0.00000215	0.000105	0.000155	0.000957	0.000254
2054 Nov	0.00000233	1.63	2.14	0.0116	0.000325	19.8	0.0023	0.00714	0.0000547	0.000118	0.0000823	0.0936	0.00000215	0.000106	0.000155	0.000957	0.000254
2054 Dec	0.00000233	1.63	2.14	0.0116	0.000325	19.8	0.0023	0.00714	0.0000547	0.000118	0.0000823	0.0936	0.00000215	0.000106	0.000155	0.000957	0.000254
2055 Jan	0.00000233	1.63	2.15	0.0116	0.000325	19.8	0.0023	0.00714	0.0000547	0.000118	0.0000823	0.0936	0.00000215	0.000106	0.000155	0.000957	0.000254
2055 Feb	0.00000233	1.63	2.15	0.0116	0.000325	19.8	0.0023	0.00714	0.0000547	0.000118	0.0000823	0.0936	0.00000215	0.000106	0.000155	0.000957	0.000254
2055 Mar	0.00000233	1.63	2.15	0.0116	0.000325	19.8	0.0023	0.00714	0.0000547	0.000118	0.0000823	0.0936	0.00000215	0.000106	0.000155	0.000957	0.000254
2055 Apr	0.00000233	1.63	2.15	0.0116	0.000325	19.8	0.0023	0.00714	0.0000547	0.000118	0.0000823	0.0936	0.00000215	0.000106	0.000155	0.000957	0.000254
2055 May	0.00000233	1.63	2.15	0.0116	0.000326	19.8	0.0023	0.00714	0.0000548	0.000118	0.0000824	0.0936	0.00000215	0.000106	0.000155	0.000958	0.000254
2055 Jun	0.00000239	1.64	2.18	0.012	0.000334	19.8	0.00232	0.00725	0.0000554	0.000119	0.0000837	0.0942	0.00000215	0.000111	0.000157	0.00096	0.00025
2055 Jul	0.00000242	1.66	2.21	0.0122	0.00034	19.7	0.00234	0.00732	0.0000558	0.000121	0.0000848	0.0947	0.00000216	0.000115	0.000159	0.000963	0.000248
2055 Aug	0.00000243	1.66	2.21	0.0122	0.000341	19.8	0.00235	0.00733	0.0000559	0.000121	0.0000849	0.0948	0.00000216	0.000115	0.000159	0.000964	0.000248
2055 Sep	0.00000243	1.66	2.21	0.0122	0.000341	19.8	0.00235	0.00733	0.0000559	0.000121	0.000085	0.0948	0.00000216	0.000115	0.000159	0.000965	0.000248
2055 Oct	0.00000243	1.66	2.21	0.0122	0.000341	19.8	0.00235	0.00734	0.0000559	0.000121	0.000085	0.0949	0.00000216	0.000115	0.000159	0.000965	0.000248
2055 Nov	0.00000243	1.66	2.21	0.0122	0.000341	19.8	0.00235	0.00734	0.0000559	0.000121	0.000085	0.0949	0.00000216	0.000115	0.000159	0.000965	0.000248
2055 Dec	0.00000243	1.66	2.21	0.0122	0.000341	19.8	0.00235	0.00734	0.0000559	0.000121	0.000085	0.0949	0.00000216	0.000115	0.000159	0.000965	0.000248
2056 Jan	0.00000243	1.66	2.21	0.0122	0.000341	19.8	0.00235	0.00734	0.0000559	0.000121	0.000085	0.0949	0.00000216	0.000115	0.000159	0.000965	0.000248
2056 Feb	0.00000243	1.66	2.21	0.0122	0.000341	19.8	0.00235	0.00734	0.0000559	0.000121	0.000085	0.0949	0.00000216	0.000115	0.000159	0.000965	0.000248

Appendix D.3-3: WES

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Mar	0.00000243	1.66	2.21	0.0122	0.000341	19.8	0.00235	0.00734	0.0000559	0.000121	0.000085	0.0949	0.00000216	0.000115	0.000159	0.000965	0.000248
2056 Apr	0.00000243	1.66	2.21	0.0122	0.000341	19.8	0.00235	0.00734	0.0000559	0.000121	0.000085	0.0949	0.00000217	0.000115	0.000159	0.000965	0.000248
2056 May	0.00000243	1.66	2.21	0.0122	0.000341	19.8	0.00235	0.00735	0.000056	0.000121	0.000085	0.095	0.00000217	0.000115	0.00016	0.000966	0.000248
2056 Jun	0.00000246	1.67	2.23	0.0124	0.000345	19.7	0.00236	0.0074	0.0000566	0.000122	0.0000856	0.0952	0.00000217	0.000117	0.000161	0.000966	0.000246
2056 Jul	0.00000247	1.68	2.24	0.0125	0.000346	19.8	0.00237	0.00743	0.0000568	0.000123	0.000086	0.0954	0.00000217	0.000118	0.000161	0.000968	0.000246
2056 Aug	0.00000247	1.68	2.24	0.0125	0.000347	19.8	0.00237	0.00744	0.0000568	0.000123	0.0000861	0.0955	0.00000217	0.000118	0.000162	0.000969	0.000246
2056 Sep	0.00000247	1.68	2.24	0.0125	0.000347	19.8	0.00237	0.00744	0.0000569	0.000123	0.0000862	0.0956	0.00000218	0.000118	0.000162	0.00097	0.000247
2056 Oct	0.00000247	1.68	2.24	0.0125	0.000347	19.8	0.00237	0.00744	0.0000568	0.000123	0.0000861	0.0956	0.00000217	0.000118	0.000162	0.00097	0.000246
2056 Nov	0.00000247	1.68	2.24	0.0125	0.000347	19.8	0.00237	0.00744	0.0000568	0.000123	0.0000861	0.0956	0.00000217	0.000118	0.000162	0.00097	0.000246
2056 Dec	0.00000247	1.68	2.24	0.0125	0.000347	19.8	0.00237	0.00744	0.0000568	0.000123	0.0000861	0.0956	0.00000217	0.000118	0.000162	0.00097	0.000246
2057 Jan	0.00000247	1.68	2.24	0.0125	0.000347	19.8	0.00237	0.00744	0.0000568	0.000123	0.0000861	0.0956	0.00000217	0.000118	0.000162	0.00097	0.000246
2057 Feb	0.00000247	1.68	2.24	0.0125	0.000347	19.8	0.00237	0.00744	0.0000568	0.000123	0.0000861	0.0956	0.00000217	0.000118	0.000162	0.00097	0.000246
2057 Mar	0.00000247	1.68	2.24	0.0125	0.000347	19.8	0.00237	0.00744	0.0000568	0.000123	0.0000861	0.0956	0.00000217	0.000118	0.000162	0.00097	0.000246
2057 Apr	0.00000247	1.68	2.24	0.0125	0.000347	19.8	0.00237	0.00744	0.0000569	0.000123	0.0000861	0.0956	0.00000217	0.000118	0.000162	0.00097	0.000246
2057 May	0.00000247	1.68	2.24	0.0125	0.000347	19.8	0.00237	0.00745	0.0000569	0.000123	0.0000862	0.0957	0.00000218	0.000118	0.000162	0.000971	0.000247
2057 Jun	0.0000025	1.69	2.26	0.0127	0.000352	19.7	0.00238	0.00751	0.0000573	0.000124	0.0000869	0.0959	0.00000218	0.000121	0.000163	0.000971	0.000244
2057 Jul	0.00000252	1.7	2.27	0.0128	0.000355	19.8	0.0024	0.00754	0.0000575	0.000125	0.0000874	0.0963	0.00000218	0.000123	0.000164	0.000973	0.000244
2057 Aug	0.00000253	1.7	2.28	0.0128	0.000356	19.8	0.0024	0.00756	0.0000577	0.000125	0.0000877	0.0965	0.00000219	0.000123	0.000164	0.000976	0.000244
2057 Sep	0.00000253	1.7	2.28	0.0128	0.000356	19.8	0.0024	0.00757	0.0000577	0.000125	0.0000877	0.0966	0.00000219	0.000123	0.000164	0.000977	0.000245
2057 Oct	0.00000253	1.7	2.28	0.0128	0.000356	19.8	0.0024	0.00757	0.0000577	0.000125	0.0000877	0.0966	0.00000219	0.000123	0.000164	0.000977	0.000245
2057 Nov	0.00000253	1.7	2.28	0.0128	0.000356	19.8	0.0024	0.00757	0.0000577	0.000125	0.0000877	0.0966	0.00000219	0.000123	0.000164	0.000977	0.000245
2057 Dec	0.00000253	1.7	2.28	0.0128	0.000356	19.8	0.0024	0.00757	0.0000577	0.000125	0.0000877	0.0966	0.00000219	0.000123	0.000164	0.000977	0.000245
2058 Jan	0.00000253	1.7	2.28	0.0128	0.000356	19.8	0.0024	0.00757	0.0000577	0.000125	0.0000877	0.0966	0.00000219	0.000123	0.000164	0.000977	0.000245
2058 Feb	0.00000253	1.7	2.28	0.0128	0.000356	19.8	0.0024	0.00757	0.0000577	0.000125	0.0000877	0.0966	0.00000219	0.000123	0.000164	0.000977	0.000245
2058 Mar	0.00000253	1.7	2.28	0.0128	0.000356	19.8	0.0024	0.00757	0.0000577	0.000125	0.0000877	0.0966	0.00000219	0.000123	0.000164	0.000977	0.000245
2058 Apr	0.00000253	1.7	2.28	0.0128	0.000356	19.8	0.0024	0.00757	0.0000577	0.000125	0.0000877	0.0966	0.00000219	0.000123	0.000164	0.000977	0.000245
2058 May	0.00000253	1.7	2.28	0.0128	0.000356	19.8	0.00241	0.00758	0.0000579	0.000125	0.0000878	0.0967	0.00000219	0.000124	0.000165	0.000978	0.000245
2058 Jun	0.00000259	1.73	2.33	0.0133	0.000366	19.7	0.00243	0.0077	0.000059	0.000127	0.0000894	0.0974	0.00000219	0.00013	0.000168	0.000979	0.00024
2058 Jul	0.00000261	1.74	2.34	0.0134	0.00037	19.8	0.00245	0.00774	0.0000592	0.000128	0.0000901	0.0979	0.00000219	0.000132	0.000169	0.000982	0.000239
2058 Aug	0.00000262	1.74	2.35	0.0134	0.000371	19.8	0.00245	0.00775	0.0000593	0.000129	0.0000903	0.098	0.0000022	0.000132	0.000169	0.000983	0.00024
2058 Sep	0.00000262	1.74	2.35	0.0134	0.000371	19.8	0.00245	0.00775	0.0000594	0.000129	0.0000903	0.0981	0.0000022	0.000132	0.000169	0.000984	0.00024
2058 Oct	0.00000262	1.74	2.35	0.0134	0.000371	19.8	0.00245	0.00775	0.0000593	0.000129	0.0000903	0.098	0.0000022	0.000132	0.000169	0.000983	0.00024
2058 Nov	0.00000262	1.74	2.35	0.0134	0.000371	19.8	0.00245	0.00775	0.0000594	0.000129	0.0000903	0.0981	0.0000022	0.000132	0.000169	0.000984	0.00024
2058 Dec	0.00000262	1.74	2.35	0.0134	0.000371	19.8	0.00245	0.00775	0.0000594	0.000129	0.0000903	0.0981	0.0000022	0.000132	0.000169	0.000984	0.00024
2059 Jan	0.00000262	1.74	2.35	0.0134	0.000371	19.8	0.00246	0.00775	0.0000594	0.000129	0.0000903	0.0981	0.0000022	0.000132	0.000169	0.000984	0.00024
2059 Feb	0.00000262	1.74	2.35	0.0134	0.000371	19.8	0.00246	0.00775	0.0000594	0.000129	0.0000903	0.0981	0.0000022	0.000132	0.000169	0.000984	0.00024
2059 Mar	0.00000262	1.74	2.35	0.0134	0.000371	19.8	0.00246	0.00775	0.0000594	0.000129	0.0000903	0.0981	0.0000022	0.000132	0.000169	0.000984	0.00024
2059 Apr	0.00000262	1.74	2.35	0.0134	0.000371	19.8	0.00246	0.00776	0.0000594	0.000129	0.0000903	0.0981	0.0000022	0.000132	0.000169	0.000984	0.00024
2059 May	0.00000262	1.74	2.35	0.0134	0.000371	19.8	0.00246	0.00776	0.0000594	0.000129	0.0000904	0.0981	0.0000022	0.000132	0.000169	0.000984	0.00024
2059 Jun	0.00000263	1.74	2.35	0.0135	0.000372	19.8	0.00246	0.00778	0.0000597	0.000129	0.0000905	0.0982	0.0000022	0.000133	0.00017	0.000985	0.00024
2059 Jul	0.00000264	1.75	2.36	0.0135	0.000373	19.9	0.00247	0.00781	0.0000599	0.000129	0.0000908	0.0985	0.00000221	0.000133	0.00017	0.000987	0.00024
2059 Aug	0.00000264	1.75	2.37	0.0136	0.000374	19.9	0.00247	0.00783	0.00006	0.00013	0.000091	0.0987	0.00000221	0.000133	0.000171	0.00099	0.000241
2059 Sep	0.00000265	1.75	2.37	0.0136	0.000374	19.9	0.00247	0.00783	0.00006	0.00013	0.0000911	0.0988	0.00000221	0.000133	0.000171	0.00099	0.000241
2059 Oct	0.00000264	1.75	2.36	0.0135	0.000374	19.9	0.00247	0.00782	0.0000599	0.00013	0.0000909	0.0986	0.00000221	0.000133	0.00017	0.000988	0.00024
2059 Nov	0.00000264	1.75	2.36	0.0135	0.000374	19.9	0.00247	0.00782	0.0000599	0.00013	0.0000909	0.0986	0.00000221	0.000133	0.00017	0.000988	0.00024
2059 Dec	0.00000264	1.75	2.36	0.0135	0.000374	19.9	0.00247	0.00782	0.0000599	0.00013	0.0000909	0.0986	0.00000221	0.000133	0.00017	0.000988	0.00024
2060 Jan	0.00000264	1.75	2.36	0.0135	0.000374	19.9	0.00247	0.00782	0.0000599	0.00013	0.0000909	0.0986	0.00000221	0.000133	0.00017	0.000988	0.00024
2060 Feb	0.00000264	1.75	2.36	0.0135	0.000374	19.9	0.00247	0.00782	0.0000599	0.00013	0.0000909	0.0986	0.00000221	0.000133	0.00017	0.000988	0.00024
2060 Mar	0.00000264	1.75	2.36	0.0135	0.000374	19.9	0.00247	0.00782	0.0000599	0.00013	0.0000909	0.0986	0.00000221	0.000133	0.00017	0.000988	0.00024
2060 Apr	0.00000264	1.75	2.37	0.0135	0.000374	19.9	0.00247	0.00782	0.0000599	0.00013	0.0000909	0.0986	0.00000221	0.000133	0.00017	0.000988	0.00024
2060 May	0.00000264	1.75	2.37	0.0136	0.000374	19.9	0.00247	0.00783	0.00006	0.00013	0.0000909	0.0986	0.00000221	0.000133	0.000171	0.000989	0.00024
2060 Jun	0.00000268	1.76	2.39	0.0138	0.00038	19.8	0.00249	0.00791	0.0000607	0.000131	0.0000919	0.0991	0.00000221	0.000137	0.000172	0.00099	0.000238
2060 Jul	0.0000027	1.77	2.4	0.0139	0.000382	19.9	0.0025	0.00794	0.0000609	0.000132	0.0000924	0.0995	0.00000222	0.000138	0.000173	0.000994	0.000238
2060 Aug	0.0000027	1.77	2.41	0.0139	0.000382	19.9	0.0025	0.00795	0.000061	0.000132	0.0000925	0.0996	0.00000222	0.000138	0.000173	0.000995	0.000238
2060 Sep	0.0000027	1.77	2.4	0.0139	0.000382	19.9	0.0025	0.00794	0.0000609	0.000132	0.0000924	0.0995	0.00000222	0.000138	0.000173	0.000993	0.000238
2060 Oct	0.0000027	1.77	2.41	0.0139	0.000383	19.9	0.0025	0.00794	0.0000609	0.000132	0.0000925	0.0995	0.00000222	0.000138	0.000173	0.000993	0.000238
2060 Nov	0.0000027	1.77	2.41	0.0139	0.000383	19.9	0.0025	0.00794	0.0000609	0.000132	0.0000926	0.0996	0.00000222	0.000139	0.000173	0.000993	0.000238
2060 Dec	0.0000027	1.77	2.41	0.0139	0.000383	19.9	0.0025	0.00794	0.0000609	0.000132	0.0000926	0.0996	0.00000222	0.000139	0.000173	0.000993	0.000238
2061 Jan	0.0000027	1.77	2.41	0.0139	0.000383	19.9	0.0025	0.00795	0.0000609	0.000132	0.0000926	0.0996	0.00000222	0.000139	0.000173	0.000993	0.000238
2061 Feb	0.0000027	1.77	2.41	0.0139	0.000383	19.9	0.0025	0.00795	0.0000609	0.000132	0.0000926	0.0996	0.00000222	0.000139	0.000173	0.000993	0.000238
2061 Mar	0.0000027	1.77	2.41	0.0139	0.000383	19.9	0.0025	0.00795	0.0000609	0.000132	0.0000926	0.0996	0.00000222	0.000139	0.000173	0.000993	0.000238
2061 Apr	0.0000027	1.77	2.41	0.0139	0.000383	19.9	0.0025	0.00795	0.000061	0.000132	0.0000926	0.0996	0.00000222	0.000139	0.000173	0.000993	0.000238
2061 May	0.00000272	1.78	2.42	0.0141	0.000386	19.9	0.00251	0.00799	0.0000613	0.000133	0.0000931	0.0999	0.00000222	0.00014	0.000174	0.000995	0.000237
2061 Jun	0.00000281	1.81	2.49	0.0146	0.000402	19.8	0.00257	0.00813	0.0000625	0.000136	0.0000957	0.101	0.00000222	0.000149	0.000178	0.000999	0.000232
2061 Jul	0.00000283	1.82	2.51	0.0147	0.000405	19.8	0.00258	0.00816	0.0000628	0.000137	0.0000962	0.102	0.00000223	0.000151	0.000179	0.001	0.000233
2061 Aug	0.00000283	1.83	2.51	0.0148	0.000405	19.9	0.00259	0.00818	0.0000629	0.000138	0.0000965	0.102	0.00000223	0.000151	0.00018	0.001	0.000233
2061 Sep	0.00000283	1.83	2.51	0.0148	0.000406	19.9	0.00259	0.00818	0.000063	0.000138	0.0000965	0.102	0.00000224	0.000151	0.00018	0.001	0.000233
2061 Oct	0.00000283	1.83	2.51	0.0148	0.000405	19.9	0.00259	0.00817	0.0000629	0.000137	0.0000964	0.102	0.00000223	0.000151	0.00018	0.001	0.000233
2061 Nov	0.00000283	1.83	2.51	0.0148	0.000405	19.9	0.00258	0.00817	0.0000629	0.000137	0.0000964	0.102	0.00000223	0.000151	0.00018	0.001	0.000233
2061 Dec	0.00000283	1.83	2.51	0.0148	0.000405	19.9	0.00258	0.00817	0.0000629	0.000137	0.0000964	0.102	0.00000223	0.000151	0.00018	0.001	0.000233
2062 Jan	0.00000283	1.83	2.51	0.0148	0.000405	19.9	0.00258	0.00817	0.0000629	0.000137	0.0000964	0.102	0.00000223	0.000151	0.00018	0.001	0.000233
2062 Feb	0.00000283	1.83	2.51	0.0148	0.000405	19.9	0.00258	0.00817	0.0000629	0.000137	0.0000964	0.102	0.00000223	0.000151	0.00018	0.001	0.000233
2062 Mar	0.00000283	1.83	2.51	0.0148	0.000405	19.9	0.00259	0.00818	0.0000629	0.000137	0.0000964	0.102	0.00000223	0.000151	0.00018	0.001	0.000233
2062 Apr	0.00000283	1.83	2.51	0.0148	0.000405	19.9	0.00259	0.00818	0.0000629	0.000137	0.0000964	0.102	0.00000223	0.000151	0.00018	0.001	0.000233
2062 May	0.00000283	1.83	2.51	0.0148	0.000405	19.9	0.00259	0.00818	0.0000629	0.000138	0.0000964	0.102	0.00000223	0.000151	0.00018	0.001	0.000233
2062 Jun	0.00000287	1.84	2.54	0.015	0.000411	19.8	0.00261	0.00825	0.0000634	0.000139	0.0000974	0.103	0.00000224	0.000154	0.000181	0.00101	0.000231
2062 Jul	0.00000291	1.86	2.57	0.0153	0.000419	19.8	0.00264	0.00832	0.0000639	0.000141	0.0000987	0.103	0.00000224	0.000159	0.000183	0.00101	0.000229

Appendix D.3-3: WES

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2062 Aug	0.00000292	1.86	2.57	0.0153	0.000419	19.9	0.00264	0.00833	0.0000639	0.000141	0.0000988	0.103	0.00000224	0.000159	0.000184	0.00101	0.00023
2062 Sep	0.00000292	1.86	2.57	0.0153	0.00042	19.8	0.00264	0.00833	0.0000639	0.000141	0.0000988	0.103	0.00000224	0.000159	0.000184	0.00101	0.000229
2062 Oct	0.00000298	1.89	2.63	0.0157	0.000432	19.8	0.00268	0.00841	0.0000645	0.000144	0.000101	0.104	0.00000224	0.000166	0.000186	0.00101	0.000226
2062 Nov	0.00000299	1.89	2.63	0.0157	0.000433	19.8	0.00269	0.00842	0.0000646	0.000144	0.000101	0.105	0.00000224	0.000166	0.000187	0.00101	0.000226
2062 Dec	0.00000299	1.89	2.63	0.0157	0.000433	19.8	0.00269	0.00842	0.0000646	0.000144	0.000101	0.105	0.00000224	0.000166	0.000187	0.00101	0.000226
2063 Jan	0.00000299	1.89	2.63	0.0157	0.000433	19.8	0.00269	0.00842	0.0000646	0.000144	0.000101	0.105	0.00000224	0.000166	0.000187	0.00101	0.000226
2063 Feb	0.00000299	1.89	2.63	0.0157	0.000433	19.8	0.00269	0.00842	0.0000646	0.000144	0.000101	0.105	0.00000224	0.000166	0.000187	0.00101	0.000226
2063 Mar	0.00000299	1.89	2.63	0.0157	0.000433	19.8	0.00269	0.00842	0.0000646	0.000144	0.000101	0.105	0.00000224	0.000166	0.000187	0.00101	0.000226
2063 Apr	0.00000299	1.89	2.63	0.0157	0.000433	19.8	0.00269	0.00842	0.0000646	0.000144	0.000101	0.105	0.00000224	0.000166	0.000187	0.00101	0.000226
2063 May	0.00000299	1.89	2.64	0.0158	0.000434	19.8	0.00269	0.00844	0.0000647	0.000145	0.000101	0.105	0.00000224	0.000167	0.000187	0.00101	0.000226
2063 Jun	0.00000314	1.95	2.75	0.0167	0.00046	19.7	0.00279	0.00866	0.0000667	0.000151	0.000105	0.107	0.00000225	0.000181	0.000194	0.00102	0.00022
2063 Jul	0.00000318	1.97	2.79	0.017	0.000467	19.7	0.00282	0.00872	0.0000671	0.000153	0.000107	0.108	0.00000225	0.000185	0.000196	0.00102	0.000219
2063 Aug	0.00000319	1.97	2.79	0.017	0.000468	19.8	0.00282	0.00874	0.0000672	0.000153	0.000107	0.108	0.00000226	0.000185	0.000196	0.00103	0.000219
2063 Sep	0.00000319	1.97	2.79	0.017	0.000468	19.8	0.00282	0.00874	0.0000673	0.000153	0.000107	0.108	0.00000226	0.000185	0.000196	0.00103	0.000219
2063 Oct	0.00000319	1.97	2.79	0.017	0.000468	19.8	0.00282	0.00874	0.0000672	0.000153	0.000107	0.108	0.00000226	0.000185	0.000196	0.00103	0.000219
2063 Nov	0.00000319	1.97	2.79	0.017	0.000468	19.8	0.00282	0.00874	0.0000672	0.000153	0.000107	0.108	0.00000226	0.000185	0.000196	0.00103	0.000219
2063 Dec	0.00000319	1.97	2.79	0.017	0.000468	19.8	0.00282	0.00874	0.0000672	0.000153	0.000107	0.108	0.00000226	0.000185	0.000196	0.00103	0.000219
2064 Jan	0.00000319	1.97	2.79	0.017	0.000468	19.8	0.00282	0.00874	0.0000672	0.000153	0.000107	0.108	0.00000226	0.000185	0.000196	0.00103	0.000219
2064 Feb	0.00000319	1.97	2.79	0.017	0.000468	19.8	0.00282	0.00874	0.0000672	0.000153	0.000107	0.108	0.00000226	0.000185	0.000196	0.00103	0.000219
2064 Mar	0.00000319	1.97	2.79	0.017	0.000468	19.8	0.00282	0.00874	0.0000672	0.000153	0.000107	0.108	0.00000226	0.000185	0.000196	0.00103	0.000219
2064 Apr	0.00000319	1.97	2.79	0.017	0.000468	19.8	0.00282	0.00874	0.0000673	0.000153	0.000107	0.108	0.00000226	0.000185	0.000196	0.00103	0.000219
2064 May	0.0000032	1.98	2.8	0.0171	0.000471	19.8	0.00283	0.00877	0.0000676	0.000154	0.000107	0.109	0.00000226	0.000187	0.000197	0.00103	0.000219
2064 Jun	0.00000332	2.03	2.9	0.0179	0.000491	19.7	0.00291	0.00893	0.0000691	0.000159	0.000111	0.111	0.00000227	0.000198	0.000202	0.00103	0.000215
2064 Jul	0.00000333	2.03	2.91	0.0179	0.000493	19.7	0.00292	0.00895	0.0000693	0.000159	0.000111	0.111	0.00000227	0.000199	0.000203	0.00103	0.000215
2064 Aug	0.00000333	2.03	2.91	0.018	0.000494	19.8	0.00292	0.00896	0.0000693	0.000159	0.000111	0.111	0.00000227	0.000199	0.000203	0.00104	0.000215
2064 Sep	0.00000333	2.03	2.91	0.0179	0.000493	19.8	0.00292	0.00896	0.0000693	0.000159	0.000111	0.111	0.00000227	0.000199	0.000203	0.00104	0.000215
2064 Oct	0.00000333	2.03	2.91	0.0179	0.000494	19.8	0.00292	0.00896	0.0000693	0.000159	0.000111	0.111	0.00000227	0.000199	0.000203	0.00104	0.000215
2064 Nov	0.00000333	2.03	2.91	0.018	0.000494	19.8	0.00292	0.00896	0.0000693	0.000159	0.000111	0.111	0.00000227	0.000199	0.000203	0.00104	0.000215
2064 Dec	0.00000333	2.03	2.91	0.018	0.000494	19.8	0.00292	0.00896	0.0000693	0.000159	0.000111	0.111	0.00000227	0.000199	0.000203	0.00104	0.000215
2065 Jan	0.00000333	2.03	2.91	0.018	0.000494	19.8	0.00292	0.00896	0.0000693	0.000159	0.000111	0.111	0.00000227	0.000199	0.000203	0.00104	0.000215
2065 Feb	0.00000333	2.03	2.91	0.018	0.000494	19.8	0.00292	0.00896	0.0000693	0.000159	0.000111	0.111	0.00000227	0.000199	0.000203	0.00104	0.000215
2065 Mar	0.00000333	2.03	2.91	0.018	0.000494	19.8	0.00292	0.00897	0.0000693	0.000159	0.000111	0.111	0.00000227	0.000199	0.000203	0.00104	0.000215
2065 Apr	0.00000333	2.03	2.91	0.018	0.000494	19.8	0.00292	0.00897	0.0000694	0.000159	0.000111	0.111	0.00000227	0.000199	0.000203	0.00104	0.000215
2065 May	0.00000333	2.04	2.91	0.018	0.000494	19.8	0.00292	0.00897	0.0000694	0.00016	0.000111	0.111	0.00000227	0.000199	0.000203	0.00104	0.000215
2065 Jun	0.0000034	2.06	2.97	0.0184	0.000506	19.7	0.00297	0.00907	0.0000703	0.000163	0.000113	0.112	0.00000228	0.000206	0.000207	0.00104	0.000213
2065 Jul	0.00000343	2.08	2.99	0.0186	0.000511	19.8	0.00299	0.00912	0.0000707	0.000164	0.000114	0.113	0.00000228	0.000208	0.000208	0.00104	0.000213
2065 Aug	0.00000344	2.08	3	0.0186	0.000513	19.8	0.003	0.00914	0.0000708	0.000164	0.000115	0.113	0.00000229	0.000209	0.000208	0.00105	0.000213
2065 Sep	0.00000344	2.08	3	0.0186	0.000512	19.8	0.003	0.00913	0.0000708	0.000164	0.000114	0.113	0.00000229	0.000208	0.000208	0.00104	0.000213
2065 Oct	0.00000345	2.09	3.01	0.0187	0.000516	19.8	0.00301	0.00915	0.0000708	0.000165	0.000115	0.114	0.00000228	0.00021	0.000209	0.00104	0.000212
2065 Nov	0.00000346	2.09	3.02	0.0188	0.000517	19.8	0.00302	0.00916	0.0000709	0.000165	0.000115	0.114	0.00000228	0.000211	0.000209	0.00104	0.000212
2065 Dec	0.00000346	2.09	3.02	0.0188	0.000517	19.8	0.00302	0.00916	0.0000709	0.000165	0.000115	0.114	0.00000228	0.000211	0.000209	0.00104	0.000212
2066 Jan	0.00000346	2.09	3.02	0.0188	0.000517	19.8	0.00302	0.00916	0.0000709	0.000165	0.000115	0.114	0.00000228	0.000211	0.000209	0.00104	0.000212
2066 Feb	0.00000346	2.09	3.02	0.0188	0.000517	19.8	0.00302	0.00916	0.0000709	0.000165	0.000115	0.114	0.00000228	0.000211	0.000209	0.00104	0.000212
2066 Mar	0.00000346	2.09	3.02	0.0188	0.000517	19.8	0.00302	0.00916	0.0000709	0.000165	0.000115	0.114	0.00000228	0.000211	0.000209	0.00104	0.000212
2066 Apr	0.00000346	2.09	3.02	0.0188	0.000517	19.8	0.00302	0.00916	0.000071	0.000165	0.000115	0.114	0.00000228	0.000211	0.000209	0.00105	0.000212
2066 May	0.00000346	2.09	3.02	0.0188	0.000518	19.8	0.00302	0.00916	0.000071	0.000166	0.000115	0.114	0.00000229	0.000211	0.000209	0.00105	0.000212
2066 Jun	0.00000358	2.14	3.11	0.0195	0.000537	19.7	0.00309	0.00933	0.0000724	0.00017	0.000119	0.116	0.00000229	0.000222	0.000215	0.00105	0.000208
2066 Jul	0.00000362	2.16	3.14	0.0198	0.000544	19.8	0.00313	0.0094	0.0000729	0.000172	0.00012	0.117	0.0000023	0.000226	0.000217	0.00106	0.000208
2066 Aug	0.00000362	2.16	3.15	0.0198	0.000545	19.8	0.00313	0.00942	0.0000731	0.000173	0.00012	0.117	0.00000231	0.000226	0.000217	0.00106	0.000208
2066 Sep	0.00000363	2.16	3.15	0.0198	0.000546	19.8	0.00313	0.00942	0.0000731	0.000173	0.00012	0.117	0.00000231	0.000226	0.000217	0.00106	0.000209
2066 Oct	0.00000362	2.16	3.15	0.0198	0.000545	19.8	0.00313	0.00942	0.000073	0.000173	0.00012	0.117	0.0000023	0.000226	0.000217	0.00106	0.000208
2066 Nov	0.00000362	2.16	3.15	0.0198	0.000545	19.8	0.00313	0.00942	0.000073	0.000173	0.00012	0.117	0.0000023	0.000226	0.000217	0.00106	0.000208
2066 Dec	0.00000362	2.16	3.15	0.0198	0.000545	19.8	0.00313	0.00942	0.000073	0.000173	0.00012	0.117	0.0000023	0.000226	0.000217	0.00106	0.000208
2067 Jan	0.00000362	2.16	3.15	0.0198	0.000545	19.8	0.00313	0.00942	0.000073	0.000173	0.00012	0.117	0.0000023	0.000226	0.000217	0.00106	0.000208
2067 Feb	0.00000362	2.16	3.15	0.0198	0.000545	19.8	0.00313	0.00942	0.000073	0.000173	0.00012	0.117	0.0000023	0.000226	0.000217	0.00106	0.000208
2067 Mar	0.00000362	2.16	3.15	0.0198	0.000545	19.8	0.00313	0.00942	0.000073	0.000173	0.00012	0.117	0.0000023	0.000226	0.000217	0.00106	0.000208
2067 Apr	0.00000362	2.16	3.15	0.0198	0.000545	19.8	0.00313	0.00942	0.000073	0.000173	0.00012	0.117	0.0000023	0.000226	0.000217	0.00106	0.000208
2067 May	0.00000363	2.16	3.15	0.0198	0.000546	19.8	0.00313	0.00943	0.0000731	0.000173	0.00012	0.117	0.00000231	0.000226	0.000217	0.00106	0.000208
2067 Jun	0.00000364	2.17	3.16	0.0199	0.000548	19.8	0.00314	0.00946	0.0000734	0.000173	0.00012	0.117	0.0000023	0.000228	0.000218	0.00106	0.000208
2067 Jul	0.00000366	2.17	3.17	0.02	0.00055	19.9	0.00315	0.00949	0.0000737	0.000174	0.000121	0.118	0.00000231	0.000229	0.000219	0.00106	0.000208
2067 Aug	0.00000366	2.18	3.18	0.02	0.000551	19.9	0.00316	0.0095	0.0000738	0.000174	0.000121	0.118	0.00000231	0.000229	0.000219	0.00106	0.000208
2067 Sep	0.00000366	2.18	3.18	0.02	0.000551	19.9	0.00316	0.00951	0.0000738	0.000174	0.000121	0.118	0.00000232	0.000229	0.000219	0.00106	0.000208
2067 Oct	0.00000366	2.18	3.18	0.02	0.000551	19.9	0.00316	0.0095	0.0000737	0.000174	0.000121	0.118	0.00000231	0.000229	0.000219	0.00106	0.000208
2067 Nov	0.00000366	2.18	3.18	0.02	0.000551	19.9	0.00316	0.0095	0.0000737	0.000174	0.000121	0.118	0.00000231	0.000229	0.000219	0.00106	0.000208
2067 Dec	0.00000366	2.18	3.18	0.02	0.000551	19.9	0.00316	0.0095	0.0000737	0.000174	0.000121	0.118	0.00000231	0.000229	0.000219	0.00106	0.000208
2068 Jan	0.00000366	2.18	3.18	0.02	0.000551	19.9	0.00316	0.0095	0.0000737	0.000174	0.000121	0.118	0.00000231	0.000229	0.000219	0.00106	0.000208
2068 Feb	0.00000366	2.18	3.18	0.02	0.000551	19.9	0.00316	0.0095	0.0000737	0.000174	0.000121	0.118	0.00000231	0.000229	0.000219	0.00106	0.000208
2068 Mar	0.00000366	2.18	3.18	0.02	0.000551	19.9	0.00316	0.0095	0.0000737	0.000174	0.000121	0.118	0.00000231	0.000229	0.000219	0.00106	0.000208
2068 Apr	0.00000366	2.18	3.18	0.02	0.000551	19.9	0.00316	0.00951	0.0000738	0.000174	0.000121	0.118	0.00000231	0.000229	0.000219	0.00106	0.000208
2068 May	0.00000367	2.18	3.18	0.02	0.000551	19.9	0.00316	0.00952	0.0000739	0.000174	0.000121	0.118	0.00000232	0.000229	0.000219	0.00106	0.000208
2068 Jun	0.00000381	2.24	3.3	0.021	0.000577	19.8	0.00326	0.00972	0.0000758	0.000181	0.000125	0.121	0.00000232	0.000243	0.000226	0.00107	0.000204
2068 Jul	0.00000383	2.25	3.32	0.0211	0.00058	19.8	0.00328	0.00975	0.0000761	0.000182	0.000126	0.121	0.00000232	0.000245	0.000227	0.00107	0.000204
2068 Aug	0.00000384	2.25	3.32	0.0211	0.000582	19.9	0.00328	0.00977	0.0000763	0.000182	0.000126	0.121	0.00000233	0.000245	0.000228	0.00108	0.000204
2068 Sep	0.00000384	2.25	3.32	0.0211	0.000582	19.9	0.00328	0.00978	0.0000763	0.000182	0.000126	0.121	0.00000233	0.000245	0.000228	0.00108	0.000204
2068 Oct	0.00000384	2.25	3.32	0.0211	0.000582	19.9	0.00328	0.00978	0.0000763	0.000182	0.000126	0.121	0.00000233	0.000245	0.000228	0.00108	0.000204
2068 Nov	0.00000384	2.25	3.32	0.0212	0.000582	19.9	0.00329	0.00978	0.0000763	0.000182	0.000126	0.121	0.00000233	0.000245	0.000228	0.00108	0.000204
2068 Dec	0.00000384	2.25	3.32	0.0212	0.000582	19.9	0.00329	0.00978	0.0000763	0.000182	0.000126	0.121	0.00000233	0.000245	0.000228	0.00108	0.000204

Appendix D.3-3: WES

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Jan	0.00000384	2.25	3.32	0.0212	0.000582	19.9	0.00329	0.00978	0.0000763	0.000182	0.000126	0.121	0.00000233	0.000245	0.000228	0.00108	0.000204
2069 Feb	0.00000384	2.25	3.32	0.0212	0.000582	19.9	0.00329	0.00978	0.0000763	0.000182	0.000126	0.121	0.00000233	0.000245	0.000228	0.00108	0.000204
2069 Mar	0.00000384	2.25	3.32	0.0212	0.000582	19.9	0.00329	0.00978	0.0000763	0.000182	0.000126	0.121	0.00000233	0.000245	0.000228	0.00108	0.000204
2069 Apr	0.00000384	2.25	3.33	0.0212	0.000582	19.9	0.00329	0.00978	0.0000763	0.000182	0.000126	0.121	0.00000233	0.000246	0.000228	0.00108	0.000204
2069 May	0.00000384	2.26	3.33	0.0212	0.000583	19.9	0.00329	0.00979	0.0000764	0.000182	0.000126	0.122	0.00000233	0.000246	0.000228	0.00108	0.000204
2069 Jun	0.00000388	2.27	3.35	0.0214	0.000588	19.9	0.00331	0.00985	0.0000768	0.000184	0.000127	0.122	0.00000233	0.000249	0.00023	0.00108	0.000203
2069 Jul	0.00000391	2.28	3.38	0.0216	0.000594	19.9	0.00333	0.0099	0.0000772	0.000185	0.000128	0.123	0.00000234	0.000252	0.000231	0.00108	0.000203
2069 Aug	0.00000391	2.29	3.38	0.0216	0.000595	19.9	0.00334	0.00991	0.0000773	0.000186	0.000129	0.123	0.00000234	0.000252	0.000232	0.00108	0.000203
2069 Sep	0.00000392	2.29	3.39	0.0216	0.000595	19.9	0.00334	0.00991	0.0000773	0.000186	0.000129	0.123	0.00000234	0.000252	0.000232	0.00108	0.000203
2069 Oct	0.00000394	2.3	3.41	0.0218	0.0006	19.9	0.00336	0.00994	0.0000775	0.000187	0.000129	0.124	0.00000234	0.000255	0.000233	0.00108	0.000202
2069 Nov	0.00000395	2.3	3.42	0.0218	0.000601	19.9	0.00337	0.00994	0.0000776	0.000187	0.00013	0.124	0.00000234	0.000256	0.000233	0.00108	0.000202
2069 Dec	0.00000395	2.3	3.42	0.0218	0.000602	19.9	0.00337	0.00995	0.0000776	0.000187	0.00013	0.124	0.00000234	0.000256	0.000233	0.00108	0.000202
2070 Jan	0.00000395	2.3	3.42	0.0218	0.000602	19.9	0.00337	0.00995	0.0000776	0.000187	0.00013	0.124	0.00000234	0.000256	0.000233	0.00108	0.000202
2070 Feb	0.00000395	2.3	3.42	0.0218	0.000602	19.9	0.00337	0.00995	0.0000776	0.000187	0.00013	0.124	0.00000234	0.000256	0.000233	0.00108	0.000202
2070 Mar	0.00000395	2.3	3.42	0.0218	0.000602	19.9	0.00337	0.00995	0.0000776	0.000187	0.00013	0.124	0.00000234	0.000256	0.000233	0.00108	0.000202
2070 Apr	0.00000395	2.3	3.42	0.0218	0.000602	19.9	0.00337	0.00995	0.0000776	0.000187	0.00013	0.124	0.00000234	0.000256	0.000233	0.00108	0.000202
2070 May	0.00000396	2.3	3.42	0.0219	0.000603	19.9	0.00337	0.00997	0.0000778	0.000188	0.00013	0.124	0.00000234	0.000257	0.000234	0.00109	0.000202
2070 Jun	0.00000404	2.34	3.49	0.0224	0.000616	19.9	0.00343	0.0101	0.0000789	0.000191	0.000132	0.125	0.00000235	0.000264	0.000237	0.00109	0.0002
2070 Jul	0.00000405	2.34	3.5	0.0225	0.000618	19.9	0.00344	0.0101	0.0000791	0.000192	0.000132	0.126	0.00000235	0.000265	0.000238	0.00109	0.0002
2070 Aug	0.00000405	2.35	3.5	0.0225	0.000619	19.9	0.00344	0.0101	0.0000792	0.000192	0.000133	0.126	0.00000235	0.000265	0.000238	0.00109	0.000201
2070 Sep	0.00000405	2.34	3.5	0.0225	0.000619	19.9	0.00344	0.0101	0.0000792	0.000192	0.000133	0.126	0.00000235	0.000265	0.000238	0.00109	0.0002
2070 Oct	0.00000405	2.34	3.5	0.0225	0.000619	19.9	0.00344	0.0101	0.0000791	0.000192	0.000133	0.126	0.00000235	0.000265	0.000238	0.00109	0.0002
2070 Nov	0.00000405	2.35	3.5	0.0225	0.000619	19.9	0.00344	0.0101	0.0000791	0.000192	0.000133	0.126	0.00000235	0.000265	0.000238	0.00109	0.0002
2070 Dec	0.00000405	2.35	3.5	0.0225	0.000619	19.9	0.00344	0.0101	0.0000791	0.000192	0.000133	0.126	0.00000235	0.000265	0.000238	0.00109	0.0002
2071 Jan	0.00000405	2.35	3.5	0.0225	0.00062	19.9	0.00344	0.0101	0.0000791	0.000192	0.000133	0.126	0.00000235	0.000265	0.000238	0.00109	0.0002
2071 Feb	0.00000405	2.35	3.5	0.0225	0.00062	19.9	0.00344	0.0101	0.0000791	0.000192	0.000133	0.126	0.00000235	0.000265	0.000238	0.00109	0.0002
2071 Mar	0.00000405	2.35	3.5	0.0225	0.00062	19.9	0.00344	0.0101	0.0000791	0.000192	0.000133	0.126	0.00000235	0.000265	0.000238	0.00109	0.0002
2071 Apr	0.00000405	2.35	3.5	0.0225	0.00062	19.9	0.00344	0.0101	0.0000791	0.000192	0.000133	0.126	0.00000235	0.000265	0.000238	0.00109	0.0002
2071 May	0.00000406	2.35	3.51	0.0226	0.000621	19.9	0.00345	0.0101	0.0000793	0.000192	0.000133	0.126	0.00000235	0.000266	0.000239	0.00109	0.0002
2071 Jun	0.00000416	2.39	3.59	0.0232	0.000639	19.9	0.00352	0.0103	0.0000805	0.000197	0.000136	0.128	0.00000236	0.000275	0.000243	0.0011	0.000198
2071 Jul	0.00000419	2.4	3.62	0.0234	0.000644	19.9	0.00355	0.0103	0.0000809	0.000198	0.000137	0.129	0.00000236	0.000278	0.000245	0.0011	0.000197
2071 Aug	0.0000042	2.41	3.62	0.0234	0.000645	19.9	0.00355	0.0103	0.000081	0.000199	0.000137	0.129	0.00000237	0.000279	0.000245	0.0011	0.000198
2071 Sep	0.0000042	2.41	3.62	0.0234	0.000645	19.9	0.00355	0.0103	0.000081	0.000199	0.000137	0.129	0.00000236	0.000278	0.000245	0.0011	0.000198
2071 Oct	0.00000419	2.41	3.62	0.0234	0.000645	19.9	0.00355	0.0103	0.0000809	0.000199	0.000137	0.129	0.00000236	0.000278	0.000245	0.0011	0.000197
2071 Nov	0.00000419	2.41	3.62	0.0234	0.000645	19.9	0.00355	0.0103	0.0000809	0.000198	0.000137	0.129	0.00000236	0.000278	0.000245	0.0011	0.000197
2071 Dec	0.00000419	2.41	3.62	0.0234	0.000645	19.9	0.00355	0.0103	0.0000809	0.000198	0.000137	0.129	0.00000236	0.000278	0.000245	0.0011	0.000197
2072 Jan	0.00000419	2.41	3.62	0.0234	0.000645	19.9	0.00355	0.0103	0.0000809	0.000198	0.000137	0.129	0.00000236	0.000278	0.000245	0.0011	0.000197
2072 Feb	0.00000419	2.41	3.62	0.0234	0.000645	19.9	0.00355	0.0103	0.0000809	0.000198	0.000137	0.129	0.00000236	0.000278	0.000245	0.0011	0.000197
2072 Mar	0.00000419	2.41	3.62	0.0234	0.000645	19.9	0.00355	0.0103	0.0000809	0.000198	0.000137	0.129	0.00000236	0.000278	0.000245	0.0011	0.000197
2072 Apr	0.00000419	2.41	3.62	0.0234	0.000645	19.9	0.00355	0.0103	0.0000809	0.000199	0.000137	0.129	0.00000236	0.000278	0.000245	0.0011	0.000197
2072 May	0.0000042	2.41	3.62	0.0234	0.000645	19.9	0.00355	0.0103	0.000081	0.000199	0.000137	0.129	0.00000236	0.000278	0.000245	0.0011	0.000198
2072 Jun	0.00000423	2.42	3.65	0.0236	0.000652	19.9	0.00358	0.0104	0.0000814	0.0002	0.000138	0.13	0.00000237	0.000282	0.000247	0.00111	0.000197
2072 Jul	0.00000426	2.43	3.67	0.0238	0.000656	19.9	0.0036	0.0104	0.0000817	0.000201	0.000139	0.13	0.00000237	0.000284	0.000248	0.00111	0.000197
2072 Aug	0.00000428	2.44	3.69	0.0239	0.00066	19.9	0.00361	0.0105	0.000082	0.000202	0.000139	0.131	0.00000237	0.000286	0.000249	0.00111	0.000196
2072 Sep	0.0000043	2.45	3.71	0.0241	0.000664	19.9	0.00363	0.0105	0.0000822	0.000204	0.00014	0.131	0.00000237	0.000288	0.00025	0.00111	0.000196
2072 Oct	0.00000434	2.47	3.74	0.0243	0.000672	19.9	0.00366	0.0105	0.0000825	0.000205	0.000141	0.132	0.00000238	0.000292	0.000252	0.00111	0.000195
2072 Nov	0.00000435	2.47	3.75	0.0244	0.000673	19.9	0.00367	0.0105	0.0000826	0.000206	0.000142	0.132	0.00000238	0.000293	0.000252	0.00111	0.000195
2072 Dec	0.00000435	2.47	3.75	0.0244	0.000673	19.9	0.00367	0.0105	0.0000826	0.000206	0.000142	0.132	0.00000238	0.000293	0.000252	0.00111	0.000195
2073 Jan	0.00000435	2.47	3.75	0.0244	0.000673	19.9	0.00367	0.0105	0.0000826	0.000206	0.000142	0.132	0.00000238	0.000293	0.000252	0.00111	0.000195
2073 Feb	0.00000435	2.47	3.75	0.0244	0.000673	19.9	0.00367	0.0105	0.0000826	0.000206	0.000142	0.132	0.00000238	0.000293	0.000252	0.00111	0.000195
2073 Mar	0.00000435	2.47	3.75	0.0244	0.000673	19.9	0.00367	0.0105	0.0000826	0.000206	0.000142	0.132	0.00000238	0.000293	0.000252	0.00111	0.000195
2073 Apr	0.00000435	2.48	3.75	0.0244	0.000673	19.9	0.00367	0.0105	0.0000827	0.000206	0.000142	0.132	0.00000238	0.000293	0.000252	0.00111	0.000195
2073 May	0.00000438	2.49	3.77	0.0245	0.000677	19.9	0.00368	0.0106	0.0000831	0.000207	0.000142	0.133	0.00000238	0.000295	0.000254	0.00112	0.000195
2073 Jun	0.00000446	2.52	3.85	0.0251	0.000693	19.9	0.00375	0.0107	0.0000843	0.000211	0.000145	0.134	0.00000238	0.000303	0.000258	0.00112	0.000193
2073 Jul	0.00000449	2.54	3.87	0.0253	0.000698	19.9	0.00377	0.0107	0.0000846	0.000212	0.000146	0.135	0.00000239	0.000306	0.000259	0.00112	0.000193
2073 Aug	0.0000045	2.54	3.88	0.0253	0.000699	19.9	0.00378	0.0108	0.0000848	0.000213	0.000146	0.135	0.00000239	0.000306	0.00026	0.00113	0.000193
2073 Sep	0.0000045	2.54	3.88	0.0253	0.000699	19.9	0.00378	0.0108	0.0000848	0.000213	0.000146	0.135	0.00000239	0.000306	0.00026	0.00113	0.000193
2073 Oct	0.0000045	2.54	3.87	0.0253	0.000699	19.9	0.00378	0.0107	0.0000847	0.000213	0.000146	0.135	0.00000239	0.000306	0.000259	0.00112	0.000193
2073 Nov	0.0000045	2.54	3.88	0.0253	0.000699	19.9	0.00378	0.0108	0.0000847	0.000213	0.000146	0.135	0.00000239	0.000306	0.00026	0.00112	0.000193
2073 Dec	0.0000045	2.54	3.88	0.0253	0.000699	19.9	0.00378	0.0108	0.0000847	0.000213	0.000146	0.135	0.00000239	0.000306	0.00026	0.00112	0.000193
2074 Jan	0.0000045	2.54	3.88	0.0253	0.000699	19.9	0.00378	0.0108	0.0000847	0.000213	0.000146	0.135	0.00000239	0.000306	0.00026	0.00112	0.000193
2074 Feb	0.0000045	2.54	3.88	0.0253	0.000699	19.9	0.00378	0.0108	0.0000847	0.000213	0.000146	0.135	0.00000239	0.000306	0.00026	0.00112	0.000193
2074 Mar	0.0000045	2.54	3.88	0.0253	0.000699	19.9	0.00378	0.0108	0.0000847	0.000213	0.000146	0.135	0.00000239	0.000307	0.00026	0.00112	0.000193
2074 Apr	0.0000045	2.54	3.88	0.0253	0.0007	19.9	0.00378	0.0108	0.0000847	0.000213	0.000146	0.135	0.00000239	0.000307	0.00026	0.00112	0.000193
2074 May	0.00000454	2.56	3.92	0.0256	0.000708	19.9	0.00381	0.0108	0.0000855	0.000215	0.000147	0.136	0.00000239	0.000311	0.000262	0.00113	0.000192
2074 Jun	0.0000047	2.63	4.05	0.0266	0.000735	19.9	0.00393	0.011	0.0000875	0.000222	0.000152	0.139	0.0000024	0.000325	0.000269	0.00114	0.000189
2074 Jul	0.00000472	2.64	4.07	0.0268	0.00074	19.9	0.00395	0.0111	0.0000878	0.000223	0.000153	0.14	0.00000241	0.000327	0.000271	0.00114	0.000189
2074 Aug	0.00000473	2.64	4.08	0.0268	0.000741	20	0.00396	0.0111	0.000088	0.000224	0.000153	0.14	0.00000241	0.000328	0.000271	0.00114	0.00019
2074 Sep	0.00000473	2.64	4.07	0.0268	0.000741	19.9	0.00396	0.0111	0.000088	0.000224	0.000153	0.14	0.00000241	0.000328	0.000271	0.00114	0.00019
2074 Oct	0.00000473	2.64	4.07	0.0268	0.00074	19.9	0.00395	0.0111	0.0000879	0.000223	0.000153	0.14	0.00000241	0.000328	0.000271	0.00114	0.00019
2074 Nov	0.00000473	2.64	4.07	0.0268	0.00074	19.9	0.00395	0.0111	0.0000879	0.000223	0.000153	0.14	0.00000241	0.000328	0.000271	0.00114	0.000189
2074 Dec	0.00000473	2.64	4.07	0.0268	0.00074	19.9	0.00395	0.0111	0.0000879	0.000223	0.000153	0.14	0.00000241	0.000328	0.000271	0.00114	0.000189
2075 Jan	0.00000473	2.64	4.07	0.0268	0.00074	19.9	0.00395	0.0111	0.0000879	0.000223	0.000153	0.14	0.00000241	0.000328	0.000271	0.00114	0.000189
2075 Feb	0.00000473	2.64	4.07	0.0268	0.00074	19.9	0.00395	0.0111	0.0000879	0.000223	0.000153	0.14	0.00000241	0.000328	0.000271	0.00114	0.000189
2075 Mar	0.00000473	2.64	4.07	0.0268	0.00074	19.9	0.00395	0.0111	0.0000879	0.000223	0.000153	0.14	0.00000241	0.000328	0.000271	0.00114	0.00019
2075 Apr	0.00000473	2.64	4.07	0.0268	0.000741	19.9	0.00396	0.0111	0.0000879	0.000223	0.000153	0.14	0.00000241	0.000328	0.000271	0.00114	0.00019
2075 May	0.00000473	2.64	4.08	0.0268	0.000741	19.9	0.00396	0.0111	0.000088	0.000224	0.000153	0.14	0.00000241	0.000328	0.000271	0.00114	0.00019

Appendix D.3-3: WES

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2075 Jun	0.00000481	2.68	4.14	0.0273	0.000755	19.9	0.00402	0.0112	0.0000888	0.000227	0.000155	0.142	0.00000242	0.000335	0.000275	0.00115	0.000188
2075 Jul	0.00000486	2.7	4.19	0.0277	0.000765	19.9	0.00406	0.0113	0.0000895	0.00023	0.000157	0.143	0.00000242	0.00034	0.000277	0.00115	0.000188
2075 Aug	0.00000487	2.71	4.2	0.0277	0.000767	19.9	0.00407	0.0113	0.0000896	0.00023	0.000157	0.143	0.00000243	0.000341	0.000278	0.00115	0.000188
2075 Sep	0.00000487	2.71	4.2	0.0277	0.000767	20	0.00407	0.0113	0.0000896	0.00023	0.000157	0.143	0.00000243	0.000341	0.000278	0.00115	0.000188
2075 Oct	0.00000487	2.71	4.2	0.0277	0.000767	20	0.00407	0.0113	0.0000896	0.00023	0.000157	0.143	0.00000243	0.000341	0.000278	0.00115	0.000188
2075 Nov	0.00000487	2.71	4.2	0.0277	0.000767	20	0.00407	0.0113	0.0000896	0.00023	0.000157	0.143	0.00000243	0.000341	0.000278	0.00115	0.000188
2075 Dec	0.00000487	2.71	4.2	0.0277	0.000767	20	0.00407	0.0113	0.0000896	0.00023	0.000157	0.143	0.00000243	0.000341	0.000278	0.00115	0.000188
2076 Jan	0.00000487	2.71	4.2	0.0277	0.000767	20	0.00407	0.0113	0.0000896	0.00023	0.000157	0.143	0.00000243	0.000341	0.000278	0.00115	0.000188
2076 Feb	0.00000487	2.71	4.2	0.0277	0.000767	20	0.00407	0.0113	0.0000896	0.00023	0.000157	0.143	0.00000243	0.000341	0.000278	0.00115	0.000188
2076 Mar	0.00000487	2.71	4.2	0.0277	0.000767	20	0.00407	0.0113	0.0000896	0.00023	0.000157	0.143	0.00000243	0.000341	0.000278	0.00115	0.000188
2076 Apr	0.00000487	2.71	4.2	0.0277	0.000767	20	0.00407	0.0113	0.0000896	0.00023	0.000157	0.144	0.00000243	0.000341	0.000278	0.00115	0.000188
2076 May	0.00000488	2.71	4.2	0.0277	0.000767	20	0.00407	0.0113	0.0000897	0.00023	0.000158	0.144	0.00000243	0.000341	0.000278	0.00115	0.000188
2076 Jun	0.00000492	2.73	4.24	0.028	0.000775	19.9	0.0041	0.0114	0.0000904	0.000233	0.000159	0.144	0.00000243	0.000346	0.00028	0.00116	0.000187
2076 Jul	0.00000496	2.74	4.27	0.0283	0.000782	19.9	0.00413	0.0114	0.0000908	0.000234	0.00016	0.145	0.00000243	0.000349	0.000282	0.00116	0.000187
2076 Aug	0.00000497	2.75	4.28	0.0283	0.000784	20	0.00414	0.0114	0.000091	0.000235	0.00016	0.146	0.00000244	0.00035	0.000283	0.00116	0.000187
2076 Sep	0.00000497	2.75	4.28	0.0283	0.000784	20	0.00414	0.0114	0.0000911	0.000235	0.00016	0.146	0.00000244	0.00035	0.000283	0.00116	0.000187
2076 Oct	0.00000497	2.75	4.28	0.0283	0.000784	20	0.00414	0.0114	0.000091	0.000235	0.00016	0.146	0.00000244	0.00035	0.000283	0.00116	0.000187
2076 Nov	0.00000497	2.75	4.28	0.0283	0.000783	20	0.00414	0.0114	0.000091	0.000235	0.00016	0.146	0.00000244	0.000349	0.000283	0.00116	0.000187
2076 Dec	0.00000497	2.75	4.28	0.0283	0.000783	20	0.00414	0.0114	0.000091	0.000235	0.00016	0.146	0.00000244	0.000349	0.000283	0.00116	0.000187
2077 Jan	0.00000497	2.75	4.28	0.0283	0.000783	20	0.00414	0.0114	0.000091	0.000235	0.00016	0.146	0.00000244	0.000349	0.000283	0.00116	0.000187
2077 Feb	0.00000497	2.75	4.28	0.0283	0.000783	20	0.00414	0.0114	0.000091	0.000235	0.00016	0.146	0.00000244	0.000349	0.000283	0.00116	0.000187
2077 Mar	0.00000497	2.75	4.28	0.0283	0.000783	20	0.00414	0.0114	0.000091	0.000235	0.00016	0.146	0.00000244	0.000349	0.000283	0.00116	0.000187
2077 Apr	0.00000497	2.75	4.28	0.0283	0.000784	20	0.00414	0.0114	0.000091	0.000235	0.00016	0.146	0.00000244	0.00035	0.000283	0.00116	0.000187
2077 May	0.00000497	2.75	4.28	0.0283	0.000784	20	0.00415	0.0115	0.0000912	0.000235	0.00016	0.146	0.00000244	0.00035	0.000283	0.00116	0.000187
2077 Jun	0.00000505	2.78	4.35	0.0289	0.000798	19.9	0.0042	0.0116	0.0000922	0.000239	0.000163	0.147	0.00000244	0.000357	0.000287	0.00117	0.000185
2077 Jul	0.00000506	2.79	4.36	0.0289	0.0008	20	0.00421	0.0116	0.0000925	0.000239	0.000163	0.148	0.00000245	0.000358	0.000288	0.00117	0.000186
2077 Aug	0.00000507	2.8	4.37	0.029	0.000802	20	0.00422	0.0116	0.0000926	0.00024	0.000163	0.148	0.00000245	0.000359	0.000288	0.00117	0.000186
2077 Sep	0.00000507	2.79	4.36	0.029	0.000801	20	0.00422	0.0116	0.0000925	0.000239	0.000163	0.148	0.00000245	0.000358	0.000288	0.00117	0.000186
2077 Oct	0.00000507	2.79	4.36	0.029	0.000801	20	0.00422	0.0116	0.0000925	0.000239	0.000163	0.148	0.00000245	0.000359	0.000288	0.00117	0.000186
2077 Nov	0.00000507	2.79	4.36	0.029	0.000801	20	0.00422	0.0116	0.0000925	0.000239	0.000163	0.148	0.00000245	0.000359	0.000288	0.00117	0.000186
2077 Dec	0.00000507	2.79	4.36	0.029	0.000801	20	0.00422	0.0116	0.0000925	0.000239	0.000163	0.148	0.00000245	0.000359	0.000288	0.00117	0.000186
2078 Jan	0.00000507	2.79	4.36	0.029	0.000801	20	0.00422	0.0116	0.0000925	0.000239	0.000163	0.148	0.00000245	0.000359	0.000288	0.00117	0.000186
2078 Feb	0.00000507	2.79	4.36	0.029	0.000802	20	0.00422	0.0116	0.0000925	0.000239	0.000163	0.148	0.00000245	0.000359	0.000288	0.00117	0.000186
2078 Mar	0.00000507	2.79	4.36	0.029	0.000802	20	0.00422	0.0116	0.0000925	0.000239	0.000163	0.148	0.00000245	0.000359	0.000288	0.00117	0.000186
2078 Apr	0.00000507	2.79	4.36	0.029	0.000802	20	0.00422	0.0116	0.0000926	0.00024	0.000163	0.148	0.00000245	0.000359	0.000288	0.00117	0.000186
2078 May	0.00000511	2.81	4.4	0.0293	0.000809	20	0.00425	0.0117	0.0000933	0.000241	0.000165	0.149	0.00000245	0.000363	0.00029	0.00117	0.000185
2078 Jun	0.00000523	2.86	4.5	0.03	0.000831	19.9	0.00434	0.0118	0.0000948	0.000247	0.000168	0.151	0.00000246	0.000374	0.000296	0.00118	0.000183
2078 Jul	0.00000525	2.87	4.52	0.0301	0.000834	20	0.00436	0.0118	0.000095	0.000248	0.000169	0.152	0.00000246	0.000375	0.000297	0.00118	0.000184
2078 Aug	0.00000526	2.88	4.52	0.0302	0.000835	20	0.00436	0.0119	0.0000951	0.000248	0.000169	0.152	0.00000247	0.000376	0.000297	0.00118	0.000184
2078 Sep	0.00000526	2.88	4.53	0.0302	0.000836	20	0.00437	0.0119	0.0000952	0.000248	0.000169	0.152	0.00000247	0.000376	0.000297	0.00118	0.000184
2078 Oct	0.00000526	2.88	4.52	0.0302	0.000835	20	0.00436	0.0119	0.0000952	0.000248	0.000169	0.152	0.00000247	0.000376	0.000297	0.00118	0.000184
2078 Nov	0.00000526	2.88	4.52	0.0302	0.000835	20	0.00436	0.0119	0.0000951	0.000248	0.000169	0.152	0.00000247	0.000376	0.000297	0.00118	0.000184
2078 Dec	0.00000526	2.88	4.52	0.0302	0.000835	20	0.00436	0.0119	0.0000952	0.000248	0.000169	0.152	0.00000247	0.000376	0.000297	0.00118	0.000184
2079 Jan	0.00000526	2.88	4.52	0.0302	0.000835	20	0.00436	0.0119	0.0000952	0.000248	0.000169	0.152	0.00000247	0.000376	0.000297	0.00118	0.000184
2079 Feb	0.00000526	2.88	4.52	0.0302	0.000835	20	0.00436	0.0119	0.0000952	0.000248	0.000169	0.152	0.00000247	0.000376	0.000297	0.00118	0.000184
2079 Mar	0.00000526	2.88	4.52	0.0302	0.000835	20	0.00436	0.0119	0.0000952	0.000248	0.000169	0.152	0.00000247	0.000376	0.000297	0.00118	0.000184
2079 Apr	0.00000526	2.88	4.53	0.0302	0.000835	20	0.00436	0.0119	0.0000952	0.000248	0.000169	0.152	0.00000247	0.000376	0.000297	0.00118	0.000184
2079 May	0.00000526	2.88	4.53	0.0302	0.000836	20	0.00437	0.0119	0.0000952	0.000248	0.000169	0.152	0.00000247	0.000376	0.000298	0.00118	0.000184
2079 Jun	0.00000534	2.91	4.59	0.0307	0.00085	19.9	0.00443	0.012	0.0000961	0.000252	0.000171	0.154	0.00000247	0.000383	0.000301	0.00119	0.000183
2079 Jul	0.00000538	2.93	4.63	0.031	0.000858	20	0.00446	0.012	0.0000967	0.000254	0.000173	0.155	0.00000247	0.000387	0.000303	0.00119	0.000182
2079 Aug	0.00000539	2.94	4.64	0.031	0.00086	20	0.00447	0.012	0.0000968	0.000255	0.000173	0.155	0.00000248	0.000388	0.000304	0.00119	0.000183
2079 Sep	0.00000539	2.94	4.64	0.031	0.000859	20	0.00447	0.012	0.0000968	0.000255	0.000173	0.155	0.00000248	0.000388	0.000304	0.00119	0.000183
2079 Oct	0.00000539	2.94	4.64	0.031	0.00086	20	0.00447	0.012	0.0000968	0.000255	0.000173	0.155	0.00000248	0.000388	0.000304	0.00119	0.000182
2079 Nov	0.0000054	2.94	4.65	0.0311	0.000862	20	0.00448	0.012	0.0000968	0.000255	0.000173	0.155	0.00000248	0.000389	0.000304	0.00119	0.000182
2079 Dec	0.00000541	2.94	4.65	0.0311	0.000863	20	0.00448	0.0121	0.0000969	0.000255	0.000174	0.155	0.00000248	0.00039	0.000304	0.00119	0.000182
2080 Jan	0.00000541	2.94	4.66	0.0311	0.000863	20	0.00448	0.0121	0.0000969	0.000255	0.000174	0.155	0.00000248	0.00039	0.000304	0.00119	0.000182
2080 Feb	0.00000541	2.95	4.66	0.0311	0.000863	20	0.00448	0.0121	0.0000969	0.000256	0.000174	0.155	0.00000248	0.00039	0.000304	0.00119	0.000182
2080 Mar	0.00000541	2.95	4.66	0.0311	0.000863	20	0.00448	0.0121	0.0000969	0.000256	0.000174	0.155	0.00000248	0.00039	0.000304	0.00119	0.000182
2080 Apr	0.00000541	2.95	4.66	0.0311	0.000863	20	0.00448	0.0121	0.0000969	0.000256	0.000174	0.155	0.00000248	0.00039	0.000304	0.00119	0.000182
2080 May	0.00000541	2.95	4.66	0.0312	0.000864	20	0.00449	0.0121	0.000097	0.000256	0.000174	0.155	0.00000248	0.00039	0.000305	0.00119	0.000182
2080 Jun	0.00000546	2.97	4.7	0.0315	0.000873	19.9	0.00453	0.0121	0.0000976	0.000258	0.000175	0.156	0.00000248	0.000395	0.000307	0.0012	0.000182
2080 Jul	0.00000551	2.99	4.74	0.0318	0.000881	20	0.00456	0.0122	0.0000981	0.00026	0.000177	0.158	0.00000249	0.000399	0.000309	0.0012	0.000181
2080 Aug	0.00000552	2.99	4.75	0.0318	0.000882	20	0.00457	0.0122	0.0000982	0.000261	0.000177	0.158	0.00000249	0.0004	0.00031	0.0012	0.000181
2080 Sep	0.00000551	2.99	4.75	0.0318	0.000882	20	0.00457	0.0122	0.0000982	0.000261	0.000177	0.158	0.00000249	0.0004	0.00031	0.0012	0.000181
2080 Oct	0.00000552	3	4.75	0.0319	0.000884	20	0.00457	0.0122	0.0000982	0.000261	0.000177	0.158	0.00000249	0.0004	0.00031	0.0012	0.000181
2080 Nov	0.00000553	3	4.76	0.0319	0.000886	20	0.00458	0.0122	0.0000983	0.000261	0.000178	0.158	0.00000249	0.000401	0.00031	0.0012	0.000181
2080 Dec	0.00000553	3	4.76	0.0319	0.000886	20	0.00458	0.0122	0.0000983	0.000262	0.000178	0.158	0.00000249	0.000401	0.00031	0.0012	0.000181
2081 Jan	0.00000553	3	4.76	0.0319	0.000886	20	0.00458	0.0122	0.0000983	0.000262	0.000178	0.158	0.00000249	0.000401	0.00031	0.0012	0.000181
2081 Feb	0.00000553	3	4.76	0.0319	0.000886	20	0.00458	0.0122	0.0000983	0.000262	0.000178	0.158	0.00000249	0.000401	0.00031	0.0012	0.000181
2081 Mar	0.00000553	3	4.76	0.0319	0.000886	20	0.00458	0.0122	0.0000983	0.000262	0.000178	0.158	0.00000249	0.000401	0.00031	0.0012	0.000181
2081 Apr	0.00000553	3	4.77	0.0319	0.000886	20	0.00458	0.0122	0.0000983	0.000262	0.000178	0.158	0.00000249	0.000402	0.00031	0.0012	0.000181
2081 May	0.00000555	3.01	4.78	0.0321	0.00089	20	0.0046	0.0123	0.0000987	0.000263	0.000178	0.159	0.00000249	0.000403	0.000312	0.0012	0.000181
2081 Jun	0.00000563	3.05	4.85	0.0326	0.000904	19.9	0.00466	0.0124	0.0000997	0.000266	0.000181	0.16	0.00000249	0.000411	0.000315	0.00121	0.00018
2081 Jul	0.00000565	3.06	4.87	0.0327	0.000908	20	0.00468	0.0124	0.0001	0.000267	0.000181	0.161	0.0000025	0.000413	0.000317	0.00121	0.00018
2081 Aug	0.00000567	3.07	4.88	0.0328	0.00091	20	0.00469	0.0124	0.0001	0.000268	0.000182	0.161	0.00000251	0.000414	0.000317	0.00122	0.000181
2081 Sep	0.00000567	3.07	4.88	0.0328	0.00091	20	0.00469	0.0124	0.0001	0.000268	0.000182	0.161	0.00000251	0.000414	0.000317	0.00122	0.000181
2081 Oct	0.00000567	3.07	4.88	0.0328	0.00091	20	0.00469	0.0124	0.0001	0.000268	0.000182	0.161	0.00000251	0.000414	0.000317	0.00122	0.000181

Appendix D.3-3: WES

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2081 Nov	0.00000567	3.06	4.88	0.0328	0.00091	20	0.00469	0.0124	0.0001	0.000268	0.000182	0.161	0.00000251	0.000413	0.000317	0.00122	0.000181
2081 Dec	0.00000567	3.06	4.88	0.0328	0.00091	20	0.00469	0.0124	0.0001	0.000268	0.000182	0.161	0.00000251	0.000413	0.000317	0.00122	0.000181
2082 Jan	0.00000567	3.06	4.88	0.0328	0.00091	20	0.00469	0.0124	0.0001	0.000268	0.000182	0.161	0.00000251	0.000413	0.000317	0.00122	0.000181
2082 Feb	0.00000567	3.06	4.88	0.0328	0.00091	20	0.00469	0.0124	0.0001	0.000268	0.000182	0.161	0.00000251	0.000413	0.000317	0.00122	0.000181
2082 Mar	0.00000567	3.06	4.88	0.0328	0.00091	20	0.00469	0.0124	0.0001	0.000268	0.000182	0.161	0.00000251	0.000413	0.000317	0.00122	0.000181
2082 Apr	0.00000567	3.06	4.88	0.0328	0.00091	20	0.00469	0.0124	0.0001	0.000268	0.000182	0.161	0.00000251	0.000413	0.000317	0.00122	0.000181
2082 May	0.00000567	3.07	4.88	0.0328	0.000911	20	0.00469	0.0124	0.0001	0.000268	0.000182	0.161	0.00000251	0.000414	0.000317	0.00122	0.000181
2082 Jun	0.00000573	3.09	4.93	0.0332	0.000921	20	0.00474	0.0125	0.000101	0.000271	0.000184	0.163	0.00000251	0.000419	0.00032	0.00122	0.00018
2082 Jul	0.00000581	3.13	5	0.0337	0.000936	20	0.0048	0.0126	0.000102	0.000275	0.000186	0.164	0.00000251	0.000427	0.000324	0.00122	0.000179
2082 Aug	0.00000582	3.13	5.01	0.0338	0.000938	20	0.00481	0.0126	0.000102	0.000275	0.000186	0.165	0.00000252	0.000428	0.000325	0.00123	0.000179
2082 Sep	0.00000583	3.13	5.02	0.0338	0.000939	20	0.00481	0.0126	0.000102	0.000275	0.000187	0.165	0.00000252	0.000428	0.000325	0.00123	0.000179
2082 Oct	0.00000582	3.13	5.01	0.0337	0.000937	20	0.00481	0.0126	0.000102	0.000275	0.000186	0.165	0.00000252	0.000427	0.000324	0.00123	0.000179
2082 Nov	0.00000582	3.13	5.01	0.0337	0.000937	20	0.00481	0.0126	0.000102	0.000275	0.000186	0.165	0.00000252	0.000427	0.000324	0.00123	0.000179
2082 Dec	0.00000582	3.13	5.01	0.0337	0.000937	20	0.00481	0.0126	0.000102	0.000275	0.000186	0.165	0.00000252	0.000427	0.000324	0.00123	0.000179
2083 Jan	0.00000582	3.13	5.01	0.0337	0.000937	20	0.00481	0.0126	0.000102	0.000275	0.000186	0.165	0.00000252	0.000427	0.000325	0.00123	0.000179
2083 Feb	0.00000582	3.13	5.01	0.0337	0.000937	20	0.00481	0.0126	0.000102	0.000275	0.000186	0.165	0.00000252	0.000427	0.000325	0.00123	0.000179
2083 Mar	0.00000582	3.13	5.01	0.0337	0.000937	20	0.00481	0.0126	0.000102	0.000275	0.000186	0.165	0.00000252	0.000427	0.000325	0.00123	0.000179
2083 Apr	0.00000582	3.13	5.01	0.0337	0.000938	20	0.00481	0.0126	0.000102	0.000275	0.000186	0.165	0.00000252	0.000427	0.000325	0.00123	0.000179
2083 May	0.00000583	3.14	5.02	0.0338	0.00094	20	0.00482	0.0127	0.000102	0.000276	0.000187	0.165	0.00000252	0.000428	0.000325	0.00123	0.000179
2083 Jun	0.00000594	3.18	5.12	0.0346	0.00096	19.9	0.0049	0.0128	0.000104	0.000281	0.00019	0.167	0.00000252	0.000439	0.000331	0.00123	0.000177
2083 Jul	0.00000598	3.2	5.15	0.0348	0.000967	19.9	0.00493	0.0129	0.000104	0.000283	0.000191	0.168	0.00000253	0.000442	0.000332	0.00124	0.000177
2083 Aug	0.00000599	3.21	5.15	0.0348	0.000968	20	0.00494	0.0129	0.000104	0.000283	0.000191	0.168	0.00000253	0.000443	0.000333	0.00124	0.000178
2083 Sep	0.00000599	3.21	5.16	0.0349	0.000969	20	0.00495	0.0129	0.000104	0.000283	0.000192	0.168	0.00000253	0.000443	0.000333	0.00124	0.000178
2083 Oct	0.00000603	3.22	5.19	0.0351	0.000976	19.9	0.00498	0.0129	0.000105	0.000285	0.000193	0.169	0.00000253	0.000447	0.000334	0.00124	0.000177
2083 Nov	0.00000604	3.23	5.2	0.0352	0.000979	19.9	0.00499	0.0129	0.000105	0.000286	0.000193	0.17	0.00000253	0.000448	0.000335	0.00124	0.000177
2083 Dec	0.00000604	3.23	5.2	0.0352	0.000979	19.9	0.00499	0.0129	0.000105	0.000286	0.000193	0.17	0.00000253	0.000448	0.000335	0.00124	0.000177
2084 Jan	0.00000604	3.23	5.2	0.0352	0.000979	19.9	0.00499	0.0129	0.000105	0.000286	0.000193	0.17	0.00000253	0.000448	0.000335	0.00124	0.000177
2084 Feb	0.00000604	3.23	5.2	0.0352	0.000979	19.9	0.00499	0.0129	0.000105	0.000286	0.000193	0.17	0.00000253	0.000448	0.000335	0.00124	0.000177
2084 Mar	0.00000604	3.23	5.2	0.0352	0.000979	19.9	0.00499	0.0129	0.000105	0.000286	0.000193	0.17	0.00000253	0.000448	0.000335	0.00124	0.000177
2084 Apr	0.00000604	3.23	5.21	0.0352	0.000979	19.9	0.00499	0.0129	0.000105	0.000286	0.000193	0.17	0.00000253	0.000448	0.000335	0.00124	0.000177
2084 May	0.00000606	3.24	5.22	0.0353	0.000982	19.9	0.005	0.013	0.000105	0.000287	0.000194	0.17	0.00000253	0.00045	0.000336	0.00124	0.000177
2084 Jun	0.00000617	3.29	5.32	0.036	0.001	19.9	0.00509	0.0131	0.000107	0.000292	0.000197	0.172	0.00000254	0.00046	0.000342	0.00125	0.000176
2084 Jul	0.0000062	3.3	5.34	0.0362	0.00101	19.9	0.00511	0.0131	0.000107	0.000293	0.000198	0.173	0.00000254	0.000463	0.000343	0.00125	0.000176
2084 Aug	0.00000621	3.31	5.35	0.0363	0.00101	19.9	0.00512	0.0131	0.000107	0.000294	0.000198	0.173	0.00000255	0.000463	0.000344	0.00125	0.000176
2084 Sep	0.00000621	3.31	5.35	0.0363	0.00101	19.9	0.00512	0.0131	0.000107	0.000294	0.000198	0.173	0.00000255	0.000463	0.000344	0.00125	0.000176
2084 Oct	0.0000062	3.3	5.35	0.0362	0.00101	19.9	0.00511	0.0131	0.000107	0.000294	0.000198	0.173	0.00000255	0.000463	0.000343	0.00125	0.000176
2084 Nov	0.0000062	3.3	5.34	0.0362	0.00101	19.9	0.00511	0.0131	0.000107	0.000294	0.000198	0.173	0.00000255	0.000463	0.000343	0.00125	0.000176
2084 Dec	0.0000062	3.3	5.34	0.0362	0.00101	19.9	0.00511	0.0131	0.000107	0.000294	0.000198	0.173	0.00000255	0.000463	0.000343	0.00125	0.000176
2085 Jan	0.0000062	3.3	5.34	0.0362	0.00101	19.9	0.00511	0.0131	0.000107	0.000294	0.000198	0.173	0.00000255	0.000463	0.000343	0.00125	0.000176
2085 Feb	0.0000062	3.3	5.34	0.0362	0.00101	19.9	0.00511	0.0131	0.000107	0.000294	0.000198	0.173	0.00000255	0.000463	0.000343	0.00125	0.000176
2085 Mar	0.0000062	3.3	5.34	0.0362	0.00101	19.9	0.00511	0.0131	0.000107	0.000294	0.000198	0.173	0.00000255	0.000463	0.000343	0.00125	0.000176
2085 Apr	0.0000062	3.3	5.35	0.0362	0.00101	19.9	0.00511	0.0131	0.000107	0.000294	0.000198	0.173	0.00000255	0.000463	0.000343	0.00125	0.000176
2085 May	0.00000621	3.31	5.36	0.0363	0.00101	19.9	0.00512	0.0132	0.000107	0.000294	0.000199	0.174	0.00000255	0.000464	0.000344	0.00125	0.000176
2085 Jun	0.00000627	3.34	5.41	0.0367	0.00102	19.9	0.00517	0.0132	0.000108	0.000297	0.0002	0.175	0.00000255	0.000469	0.000347	0.00126	0.000175
2085 Jul	0.00000629	3.34	5.42	0.0368	0.00102	19.9	0.00518	0.0133	0.000108	0.000298	0.000201	0.175	0.00000256	0.00047	0.000347	0.00126	0.000176
2085 Aug	0.00000629	3.35	5.42	0.0368	0.00102	19.9	0.00519	0.0133	0.000108	0.000298	0.000201	0.175	0.00000256	0.000471	0.000348	0.00126	0.000176
2085 Sep	0.00000629	3.35	5.43	0.0368	0.00103	19.9	0.00519	0.0133	0.000108	0.000298	0.000201	0.175	0.00000256	0.000471	0.000348	0.00126	0.000176
2085 Oct	0.00000632	3.36	5.45	0.037	0.00103	19.9	0.00521	0.0133	0.000108	0.000299	0.000202	0.176	0.00000256	0.000474	0.000349	0.00126	0.000176
2085 Nov	0.00000634	3.37	5.47	0.0371	0.00103	19.9	0.00523	0.0133	0.000108	0.0003	0.000203	0.176	0.00000256	0.000476	0.00035	0.00126	0.000175
2085 Dec	0.00000634	3.37	5.47	0.0371	0.00103	19.9	0.00523	0.0133	0.000108	0.0003	0.000203	0.176	0.00000256	0.000476	0.00035	0.00126	0.000175
2086 Jan	0.00000634	3.37	5.47	0.0371	0.00103	19.9	0.00523	0.0133	0.000108	0.0003	0.000203	0.176	0.00000256	0.000476	0.00035	0.00126	0.000175
2086 Feb	0.00000634	3.37	5.47	0.0371	0.00103	19.9	0.00523	0.0133	0.000108	0.0003	0.000203	0.176	0.00000256	0.000476	0.00035	0.00126	0.000175
2086 Mar	0.00000634	3.37	5.47	0.0371	0.00103	19.9	0.00523	0.0133	0.000108	0.0003	0.000203	0.176	0.00000256	0.000476	0.00035	0.00126	0.000175
2086 Apr	0.00000634	3.37	5.47	0.0371	0.00104	19.9	0.00523	0.0133	0.000108	0.0003	0.000203	0.177	0.00000256	0.000476	0.00035	0.00126	0.000175
2086 May	0.00000634	3.37	5.48	0.0372	0.00104	19.9	0.00524	0.0133	0.000109	0.000301	0.000203	0.177	0.00000256	0.000476	0.00035	0.00126	0.000175
2086 Jun	0.00000646	3.42	5.57	0.0379	0.00106	19.8	0.00532	0.0135	0.00011	0.000306	0.000206	0.179	0.00000256	0.000487	0.000356	0.00127	0.000174
2086 Jul	0.00000652	3.45	5.63	0.0383	0.00107	19.9	0.00537	0.0135	0.000111	0.000309	0.000208	0.181	0.00000257	0.000492	0.000359	0.00128	0.000174
2086 Aug	0.00000652	3.45	5.63	0.0383	0.00107	19.9	0.00538	0.0135	0.000111	0.000309	0.000208	0.181	0.00000258	0.000493	0.000359	0.00128	0.000174
2086 Sep	0.00000652	3.45	5.63	0.0383	0.00107	19.9	0.00538	0.0135	0.000111	0.000309	0.000208	0.181	0.00000257	0.000493	0.000359	0.00128	0.000174
2086 Oct	0.00000652	3.45	5.63	0.0383	0.00107	19.9	0.00538	0.0135	0.000111	0.000309	0.000208	0.181	0.00000257	0.000492	0.000359	0.00128	0.000174
2086 Nov	0.00000652	3.45	5.63	0.0383	0.00107	19.9	0.00538	0.0135	0.000111	0.000309	0.000208	0.181	0.00000257	0.000493	0.000359	0.00128	0.000174
2086 Dec	0.00000652	3.45	5.63	0.0383	0.00107	19.9	0.00538	0.0135	0.000111	0.000309	0.000208	0.181	0.00000257	0.000493	0.000359	0.00128	0.000174
2087 Jan	0.00000652	3.45	5.63	0.0383	0.00107	19.9	0.00538	0.0135	0.000111	0.000309	0.000208	0.181	0.00000257	0.000493	0.000359	0.00128	0.000174
2087 Feb	0.00000652	3.45	5.63	0.0383	0.00107	19.9	0.00538	0.0135	0.000111	0.000309	0.000208	0.181	0.00000257	0.000493	0.000359	0.00128	0.000174
2087 Mar	0.00000652	3.45	5.63	0.0383	0.00107	19.9	0.00538	0.0135	0.000111	0.000309	0.000208	0.181	0.00000257	0.000493	0.000359	0.00128	0.000174
2087 Apr	0.00000652	3.45	5.63	0.0383	0.00107	19.9	0.00538	0.0136	0.000111	0.000309	0.000208	0.181	0.00000257	0.000493	0.000359	0.00128	0.000174
2087 May	0.00000654	3.46	5.64	0.0384	0.00107	19.9	0.00539	0.0136	0.000111	0.00031	0.000209	0.181	0.00000258	0.000494	0.00036	0.00128	0.000174
2087 Jun	0.00000663	3.5	5.72	0.039	0.00109	19.8	0.00546	0.0137	0.000112	0.000314	0.000212	0.183	0.00000258	0.000502	0.000364	0.00128	0.000173
2087 Jul	0.00000664	3.51	5.73	0.0391	0.00109	19.9	0.00547	0.0137	0.000113	0.000315	0.000212	0.183	0.00000258	0.000503	0.000365	0.00129	0.000174
2087 Aug	0.00000665	3.51	5.74	0.0391	0.00109	19.9	0.00548	0.0137	0.000113	0.000316	0.000212	0.184	0.00000259	0.000504	0.000366	0.00129	0.000174
2087 Sep	0.00000666	3.52	5.75	0.0392	0.00109	19.9	0.00549	0.0137	0.000113	0.000316	0.000213	0.184	0.00000259	0.000505	0.000366	0.00129	0.000174
2087 Oct	0.00000666	3.52	5.75	0.0392	0.00109	19.9	0.00548	0.0137	0.000113	0.000316	0.000213	0.184	0.00000259	0.000504	0.000366	0.00129	0.000174
2087 Nov	0.00000665	3.52	5.75	0.0392	0.00109	19.9	0.00548	0.0137	0.000113	0.000316	0.000213	0.184	0.00000259	0.000504	0.000366	0.00129	0.000174
2087 Dec	0.00000665	3.52	5.75	0.0392	0.00109	19.9	0.00548	0.0137	0.000113	0.000316	0.000213	0.184	0.00000259	0.000504	0.000366	0.00129	0.000174
2088 Jan	0.00000665	3.52	5.75	0.0392	0.00109	19.9	0.00548	0.0137	0.000113	0.000316	0.000213	0.184	0.00000259	0.000504	0.000366	0.00129	0.000174
2088 Feb	0.00000665	3.52	5.75	0.0392	0.00109	19.9	0.00548	0.0137	0.000113	0.000316	0.000213	0.184	0.00000259	0.000504	0.000366	0.00129	0.000174
2088 Mar	0.00000666	3.52	5.75	0.0392	0.00109	19.9	0.00548	0.0137	0.000113	0.000316	0.000213	0.184	0.00000259	0.000504	0.000366	0.00129	0.000174

Appendix D.3-3: WES

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Apr	0.00000666	3.52	5.75	0.0392	0.00109	19.9	0.00549	0.0137	0.000113	0.000316	0.000213	0.184	0.00000259	0.000505	0.000366	0.00129	0.000174
2088 May	0.00000666	3.52	5.75	0.0392	0.00109	19.9	0.00549	0.0138	0.000113	0.000316	0.000213	0.184	0.00000259	0.000505	0.000366	0.00129	0.000174
2088 Jun	0.00000667	3.52	5.76	0.0392	0.00109	19.9	0.00549	0.0138	0.000113	0.000316	0.000213	0.184	0.00000259	0.000505	0.000366	0.00129	0.000174
2088 Jul	0.00000669	3.53	5.77	0.0394	0.0011	19.9	0.00551	0.0138	0.000113	0.000317	0.000214	0.185	0.0000026	0.000507	0.000368	0.00129	0.000174
2088 Aug	0.00000671	3.54	5.79	0.0395	0.0011	20	0.00553	0.0138	0.000114	0.000318	0.000214	0.185	0.00000261	0.000509	0.000369	0.0013	0.000175
2088 Sep	0.00000671	3.54	5.79	0.0395	0.0011	20	0.00553	0.0139	0.000114	0.000318	0.000214	0.185	0.00000261	0.000509	0.000369	0.0013	0.000175
2088 Oct	0.0000067	3.54	5.79	0.0394	0.0011	20	0.00552	0.0138	0.000114	0.000318	0.000214	0.185	0.0000026	0.000508	0.000368	0.0013	0.000175
2088 Nov	0.0000067	3.54	5.79	0.0394	0.0011	20	0.00552	0.0138	0.000114	0.000318	0.000214	0.185	0.0000026	0.000508	0.000368	0.0013	0.000175
2088 Dec	0.0000067	3.54	5.79	0.0394	0.0011	20	0.00552	0.0138	0.000114	0.000318	0.000214	0.185	0.0000026	0.000508	0.000368	0.0013	0.000175
2089 Jan	0.0000067	3.54	5.79	0.0394	0.0011	20	0.00552	0.0138	0.000114	0.000318	0.000214	0.185	0.0000026	0.000508	0.000368	0.0013	0.000175
2089 Feb	0.0000067	3.54	5.79	0.0394	0.0011	20	0.00552	0.0138	0.000114	0.000318	0.000214	0.185	0.0000026	0.000508	0.000368	0.0013	0.000175
2089 Mar	0.0000067	3.54	5.79	0.0394	0.0011	20	0.00552	0.0138	0.000114	0.000318	0.000214	0.185	0.0000026	0.000508	0.000368	0.0013	0.000175
2089 Apr	0.00000671	3.54	5.79	0.0395	0.0011	20	0.00552	0.0138	0.000114	0.000318	0.000214	0.185	0.0000026	0.000508	0.000368	0.0013	0.000175
2089 May	0.00000671	3.54	5.79	0.0395	0.0011	20	0.00553	0.0139	0.000114	0.000318	0.000214	0.185	0.00000261	0.000509	0.000369	0.0013	0.000175
2089 Jun	0.00000675	3.56	5.82	0.0398	0.00111	20	0.00555	0.0139	0.000115	0.00032	0.000215	0.186	0.00000261	0.000512	0.000371	0.0013	0.000174
2089 Jul	0.00000676	3.56	5.83	0.0398	0.00111	20	0.00556	0.014	0.000115	0.00032	0.000216	0.186	0.00000261	0.000513	0.000372	0.0013	0.000174
2089 Aug	0.00000677	3.57	5.84	0.0399	0.00111	20	0.00557	0.014	0.000115	0.000321	0.000216	0.187	0.00000262	0.000514	0.000372	0.0013	0.000175
2089 Sep	0.00000678	3.57	5.85	0.0399	0.00111	20	0.00557	0.014	0.000115	0.000321	0.000216	0.187	0.00000262	0.000514	0.000372	0.0013	0.000175
2089 Oct	0.00000678	3.57	5.85	0.0399	0.00111	20	0.00558	0.014	0.000115	0.000321	0.000216	0.187	0.00000261	0.000514	0.000372	0.0013	0.000175
2089 Nov	0.00000678	3.57	5.85	0.0399	0.00111	20	0.00558	0.014	0.000115	0.000321	0.000216	0.187	0.00000261	0.000515	0.000372	0.0013	0.000175
2089 Dec	0.00000678	3.57	5.85	0.0399	0.00111	20	0.00558	0.014	0.000115	0.000321	0.000216	0.187	0.00000261	0.000515	0.000372	0.0013	0.000175
2090 Jan	0.00000678	3.57	5.85	0.0399	0.00111	20	0.00558	0.014	0.000115	0.000321	0.000216	0.187	0.00000261	0.000515	0.000372	0.0013	0.000175
2090 Feb	0.00000678	3.57	5.85	0.0399	0.00111	20	0.00558	0.014	0.000115	0.000321	0.000216	0.187	0.00000261	0.000515	0.000372	0.0013	0.000175
2090 Mar	0.00000678	3.57	5.85	0.0399	0.00111	20	0.00558	0.014	0.000115	0.000321	0.000216	0.187	0.00000261	0.000515	0.000372	0.0013	0.000175
2090 Apr	0.00000678	3.57	5.85	0.04	0.00111	20	0.00558	0.014	0.000115	0.000321	0.000216	0.187	0.00000261	0.000515	0.000372	0.0013	0.000175
2090 May	0.00000679	3.58	5.86	0.04	0.00111	20	0.00558	0.014	0.000115	0.000322	0.000216	0.187	0.00000262	0.000515	0.000373	0.0013	0.000175
2090 Jun	0.00000693	3.64	5.98	0.041	0.00114	19.9	0.0057	0.0142	0.000117	0.000329	0.000221	0.19	0.00000262	0.000529	0.00038	0.00131	0.000173
2090 Jul	0.00000697	3.66	6.02	0.0412	0.00115	20	0.00573	0.0142	0.000117	0.000331	0.000222	0.191	0.00000263	0.000532	0.000382	0.00132	0.000173
2090 Aug	0.00000699	3.67	6.04	0.0413	0.00115	19.9	0.00575	0.0142	0.000118	0.000332	0.000223	0.192	0.00000263	0.000534	0.000383	0.00132	0.000173
2090 Sep	0.00000703	3.69	6.07	0.0416	0.00116	19.9	0.00578	0.0143	0.000118	0.000333	0.000224	0.192	0.00000263	0.000538	0.000384	0.00132	0.000173
2090 Oct	0.00000708	3.71	6.12	0.0419	0.00117	19.9	0.00583	0.0143	0.000118	0.000336	0.000226	0.194	0.00000263	0.000543	0.000387	0.00132	0.000173
2090 Nov	0.0000071	3.72	6.14	0.0421	0.00118	19.9	0.00585	0.0144	0.000119	0.000337	0.000227	0.194	0.00000263	0.000545	0.000388	0.00132	0.000172
2090 Dec	0.0000071	3.72	6.14	0.0421	0.00118	19.9	0.00585	0.0144	0.000119	0.000337	0.000227	0.194	0.00000263	0.000545	0.000388	0.00132	0.000172
2091 Jan	0.00000711	3.72	6.14	0.0421	0.00118	19.9	0.00585	0.0144	0.000119	0.000337	0.000227	0.194	0.00000263	0.000545	0.000388	0.00132	0.000172
2091 Feb	0.00000711	3.72	6.14	0.0421	0.00118	19.9	0.00585	0.0144	0.000119	0.000337	0.000227	0.194	0.00000263	0.000545	0.000388	0.00132	0.000172
2091 Mar	0.00000711	3.72	6.14	0.0421	0.00118	19.9	0.00585	0.0144	0.000119	0.000337	0.000227	0.194	0.00000263	0.000545	0.000388	0.00132	0.000173
2091 Apr	0.00000711	3.72	6.14	0.0421	0.00118	19.9	0.00585	0.0144	0.000119	0.000337	0.000227	0.194	0.00000263	0.000545	0.000388	0.00132	0.000173
2091 May	0.00000712	3.73	6.15	0.0421	0.00118	19.9	0.00586	0.0144	0.000119	0.000338	0.000227	0.195	0.00000264	0.000546	0.000389	0.00132	0.000173
2091 Jun	0.00000721	3.77	6.23	0.0428	0.00119	19.8	0.00593	0.0145	0.00012	0.000342	0.00023	0.197	0.00000264	0.000555	0.000393	0.00133	0.000172
2091 Jul	0.00000724	3.78	6.26	0.0429	0.0012	19.9	0.00595	0.0146	0.000121	0.000344	0.000231	0.197	0.00000265	0.000557	0.000395	0.00133	0.000172
2091 Aug	0.00000724	3.78	6.26	0.0429	0.0012	19.9	0.00595	0.0146	0.000121	0.000344	0.000231	0.197	0.00000265	0.000557	0.000395	0.00133	0.000172
2091 Sep	0.00000724	3.78	6.26	0.0429	0.0012	19.9	0.00595	0.0146	0.000121	0.000344	0.000231	0.197	0.00000265	0.000557	0.000395	0.00133	0.000172
2091 Oct	0.00000726	3.8	6.28	0.0431	0.0012	19.9	0.00598	0.0146	0.000121	0.000345	0.000232	0.198	0.00000265	0.000559	0.000396	0.00134	0.000172
2091 Nov	0.0000073	3.81	6.31	0.0433	0.00121	19.8	0.006	0.0146	0.000121	0.000347	0.000233	0.199	0.00000265	0.000563	0.000397	0.00134	0.000172
2091 Dec	0.0000073	3.81	6.31	0.0433	0.00121	19.8	0.006	0.0146	0.000121	0.000347	0.000233	0.199	0.00000265	0.000563	0.000397	0.00134	0.000172
2092 Jan	0.0000073	3.81	6.31	0.0433	0.00121	19.8	0.006	0.0146	0.000121	0.000347	0.000233	0.199	0.00000265	0.000563	0.000397	0.00134	0.000172
2092 Feb	0.0000073	3.81	6.31	0.0433	0.00121	19.8	0.006	0.0146	0.000121	0.000347	0.000233	0.199	0.00000265	0.000563	0.000397	0.00134	0.000172
2092 Mar	0.0000073	3.81	6.31	0.0433	0.00121	19.8	0.006	0.0146	0.000121	0.000347	0.000233	0.199	0.00000265	0.000563	0.000397	0.00134	0.000172
2092 Apr	0.0000073	3.81	6.31	0.0433	0.00121	19.8	0.00601	0.0146	0.000121	0.000347	0.000233	0.199	0.00000265	0.000563	0.000398	0.00134	0.000172
2092 May	0.00000731	3.82	6.33	0.0434	0.00121	19.9	0.00602	0.0146	0.000121	0.000347	0.000233	0.199	0.00000265	0.000564	0.000398	0.00134	0.000172
2092 Jun	0.00000749	3.9	6.48	0.0446	0.00125	19.7	0.00616	0.0148	0.000124	0.000356	0.000239	0.203	0.00000266	0.00058	0.000407	0.00135	0.00017
2092 Jul	0.00000753	3.92	6.52	0.0449	0.00126	19.7	0.0062	0.0149	0.000124	0.000358	0.00024	0.204	0.00000266	0.000585	0.000409	0.00135	0.00017
2092 Aug	0.00000755	3.93	6.54	0.045	0.00126	19.8	0.00621	0.0149	0.000124	0.000359	0.000241	0.205	0.00000267	0.000586	0.00041	0.00135	0.000171
2092 Sep	0.00000755	3.93	6.54	0.045	0.00126	19.8	0.00621	0.0149	0.000124	0.000359	0.000241	0.205	0.00000267	0.000586	0.00041	0.00135	0.000171
2092 Oct	0.00000755	3.93	6.54	0.045	0.00126	19.8	0.00621	0.0149	0.000124	0.000359	0.000241	0.205	0.00000267	0.000586	0.00041	0.00135	0.000171
2092 Nov	0.00000755	3.93	6.54	0.045	0.00126	19.8	0.00621	0.0149	0.000124	0.000359	0.000241	0.205	0.00000267	0.000586	0.00041	0.00135	0.000171
2092 Dec	0.00000755	3.93	6.54	0.045	0.00126	19.8	0.00621	0.0149	0.000124	0.000359	0.000241	0.205	0.00000267	0.000586	0.00041	0.00135	0.000171
2093 Jan	0.00000755	3.93	6.54	0.045	0.00126	19.8	0.00621	0.0149	0.000124	0.000359	0.000241	0.205	0.00000267	0.000586	0.00041	0.00135	0.000171
2093 Feb	0.00000755	3.93	6.54	0.045	0.00126	19.8	0.00621	0.0149	0.000124	0.000359	0.000241	0.205	0.00000267	0.000586	0.00041	0.00135	0.000171
2093 Mar	0.00000755	3.93	6.54	0.045	0.00126	19.8	0.00621	0.0149	0.000124	0.000359	0.000241	0.205	0.00000267	0.000586	0.00041	0.00135	0.000171
2093 Apr	0.00000755	3.93	6.54	0.045	0.00126	19.8	0.00621	0.0149	0.000124	0.000359	0.000241	0.205	0.00000267	0.000586	0.00041	0.00135	0.000171
2093 May	0.00000756	3.93	6.54	0.045	0.00126	19.8	0.00622	0.0149	0.000125	0.000359	0.000241	0.205	0.00000267	0.000587	0.00041	0.00136	0.000171
2093 Jun	0.00000764	3.97	6.62	0.0456	0.00128	19.7	0.00629	0.015	0.000126	0.000364	0.000244	0.207	0.00000267	0.000595	0.000415	0.00136	0.00017
2093 Jul	0.00000767	3.99	6.65	0.0458	0.00128	19.7	0.00631	0.0151	0.000126	0.000365	0.000245	0.208	0.00000268	0.000597	0.000416	0.00136	0.000171
2093 Aug	0.00000768	3.99	6.66	0.0458	0.00128	19.8	0.00632	0.0151	0.000126	0.000366	0.000245	0.208	0.00000268	0.000598	0.000417	0.00137	0.000171
2093 Sep	0.00000769	3.99	6.66	0.0459	0.00128	19.8	0.00632	0.0151	0.000126	0.000366	0.000245	0.208	0.00000269	0.000598	0.000417	0.00137	0.000171
2093 Oct	0.00000768	3.99	6.66	0.0459	0.00128	19.7	0.00632	0.0151	0.000126	0.000366	0.000245	0.208	0.00000268	0.000598	0.000417	0.00136	0.000171
2093 Nov	0.0000077	4	6.67	0.046	0.00129	19.7	0.00634	0.0151	0.000126	0.000367	0.000246	0.208	0.00000268	0.0006	0.000417	0.00137	0.000171
2093 Dec	0.0000077	4	6.67	0.046	0.00129	19.7	0.00634	0.0151	0.000126	0.000367	0.000246	0.208	0.00000268	0.0006	0.000417	0.00137	0.000171
2094 Jan	0.0000077	4	6.67	0.046	0.00129	19.7	0.00634	0.0151	0.000126	0.000367	0.000246	0.208	0.00000268	0.0006	0.000417	0.00137	0.000171
2094 Feb	0.0000077	4	6.67	0.046	0.00129	19.7	0.00634	0.0151	0.000126	0.000367	0.000246	0.208	0.00000268	0.0006	0.000417	0.00137	0.000171
2094 Mar	0.0000077	4	6.67	0.046	0.00129	19.7	0.00634	0.0151	0.000126	0.000367	0.000246	0.208	0.00000268	0.0006	0.000417	0.00137	0.000171
2094 Apr	0.0000077	4	6.68	0.046	0.00129	19.7	0.00634	0.0151	0.000126	0.000367	0.000246	0.208	0.00000268	0.0006	0.000417	0.00137	0.000171
2094 May	0.00000773	4.01	6.7	0.0461	0.00129	19.7	0.00636	0.0152	0.000127	0.000368	0.000246	0.209	0.00000268	0.000603	0.000419	0.00137	0.00017
2094 Jun	0.00000781	4.05	6.77	0.0467	0.00131	19.7	0.00643	0.0153	0.000128	0.000372	0.000249	0.211	0.00000269	0.00061	0.000423	0.00137	0.00017
2094 Jul	0.00000784	4.06	6.79	0.0469	0.00131	19.8	0.00645	0.0153	0.000128	0.000373	0.00025	0.212	0.0000027	0.000612	0.000424	0.00138	0.000171
2094 Aug	0.00000786	4.07	6.81	0.047	0.00132	19.8	0.00647	0.0154	0.000129	0.000374	0.00025	0.212	0.00000271	0.000614	0.000426	0.00138	0.000171

Appendix D.3-3: WES

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2094 Sep	0.00000786	4.08	6.81	0.047	0.00132	19.8	0.00647	0.0154	0.000129	0.000374	0.000251	0.212	0.00000271	0.000614	0.000426	0.00138	0.000171
2094 Oct	0.00000785	4.07	6.81	0.0469	0.00131	19.8	0.00646	0.0153	0.000128	0.000374	0.00025	0.212	0.0000027	0.000613	0.000425	0.00138	0.000171
2094 Nov	0.00000784	4.07	6.8	0.0469	0.00131	19.8	0.00645	0.0153	0.000128	0.000373	0.00025	0.212	0.0000027	0.000612	0.000425	0.00138	0.000171
2094 Dec	0.00000784	4.06	6.8	0.0469	0.00131	19.8	0.00645	0.0153	0.000128	0.000373	0.00025	0.212	0.0000027	0.000612	0.000424	0.00138	0.000171
2095 Jan	0.00000784	4.06	6.8	0.0469	0.00131	19.8	0.00645	0.0153	0.000128	0.000373	0.00025	0.212	0.0000027	0.000612	0.000424	0.00138	0.000171
2095 Feb	0.00000784	4.06	6.8	0.0469	0.00131	19.8	0.00645	0.0153	0.000128	0.000373	0.00025	0.212	0.0000027	0.000612	0.000424	0.00138	0.000171
2095 Mar	0.00000784	4.06	6.8	0.0469	0.00131	19.8	0.00645	0.0153	0.000128	0.000373	0.00025	0.212	0.0000027	0.000612	0.000424	0.00138	0.000171
2095 Apr	0.00000784	4.07	6.8	0.0469	0.00131	19.8	0.00645	0.0153	0.000128	0.000373	0.00025	0.212	0.0000027	0.000613	0.000425	0.00138	0.000171
2095 May	0.00000785	4.07	6.81	0.0469	0.00131	19.8	0.00646	0.0153	0.000129	0.000374	0.00025	0.212	0.0000027	0.000613	0.000425	0.00138	0.000171
2095 Jun	0.00000788	4.09	6.83	0.0472	0.00132	19.8	0.00649	0.0154	0.000129	0.000375	0.000251	0.213	0.00000271	0.000616	0.000427	0.00138	0.000171
2095 Jul	0.00000791	4.1	6.85	0.0473	0.00132	19.8	0.0065	0.0154	0.000129	0.000376	0.000252	0.213	0.00000271	0.000618	0.000428	0.00139	0.000171
2095 Aug	0.00000791	4.1	6.85	0.0473	0.00132	19.8	0.00651	0.0154	0.000129	0.000376	0.000252	0.213	0.00000271	0.000618	0.000428	0.00139	0.000171
2095 Sep	0.00000791	4.1	6.86	0.0473	0.00132	19.8	0.00651	0.0154	0.000129	0.000377	0.000252	0.213	0.00000271	0.000618	0.000428	0.00139	0.000171
2095 Oct	0.00000791	4.1	6.86	0.0473	0.00132	19.8	0.00651	0.0154	0.000129	0.000377	0.000252	0.213	0.00000271	0.000618	0.000428	0.00139	0.000171
2095 Nov	0.00000791	4.1	6.85	0.0473	0.00132	19.8	0.0065	0.0154	0.000129	0.000376	0.000252	0.213	0.00000271	0.000618	0.000428	0.00139	0.000171
2095 Dec	0.00000791	4.1	6.85	0.0473	0.00132	19.8	0.0065	0.0154	0.000129	0.000376	0.000252	0.213	0.00000271	0.000618	0.000428	0.00139	0.000171
2096 Jan	0.00000791	4.1	6.85	0.0473	0.00132	19.8	0.0065	0.0154	0.000129	0.000376	0.000252	0.213	0.00000271	0.000618	0.000428	0.00139	0.000171
2096 Feb	0.00000791	4.1	6.85	0.0473	0.00132	19.8	0.0065	0.0154	0.000129	0.000376	0.000252	0.213	0.00000271	0.000618	0.000428	0.00139	0.000171
2096 Mar	0.00000791	4.1	6.85	0.0473	0.00132	19.8	0.0065	0.0154	0.000129	0.000376	0.000252	0.213	0.00000271	0.000618	0.000428	0.00139	0.000171
2096 Apr	0.00000791	4.1	6.86	0.0473	0.00132	19.8	0.00651	0.0154	0.000129	0.000376	0.000252	0.213	0.00000271	0.000618	0.000428	0.00139	0.000171
2096 May	0.00000791	4.1	6.86	0.0473	0.00132	19.8	0.00651	0.0154	0.000129	0.000377	0.000252	0.213	0.00000271	0.000618	0.000428	0.00139	0.000171
2096 Jun	0.00000804	4.16	6.97	0.0482	0.00135	19.7	0.00662	0.0156	0.000131	0.000383	0.000256	0.216	0.00000272	0.000631	0.000434	0.00139	0.00017
2096 Jul	0.0000081	4.19	7.03	0.0486	0.00136	19.7	0.00667	0.0157	0.000132	0.000386	0.000258	0.218	0.00000273	0.000636	0.000437	0.0014	0.000171
2096 Aug	0.00000812	4.2	7.05	0.0487	0.00136	19.8	0.00668	0.0157	0.000132	0.000387	0.000259	0.218	0.00000273	0.000638	0.000439	0.0014	0.000171
2096 Sep	0.00000812	4.2	7.04	0.0487	0.00136	19.8	0.00668	0.0157	0.000132	0.000387	0.000259	0.218	0.00000273	0.000638	0.000438	0.0014	0.000171
2096 Oct	0.00000811	4.19	7.03	0.0486	0.00136	19.8	0.00667	0.0157	0.000132	0.000386	0.000258	0.218	0.00000273	0.000637	0.000438	0.0014	0.000171
2096 Nov	0.00000811	4.19	7.03	0.0486	0.00136	19.8	0.00667	0.0157	0.000132	0.000386	0.000258	0.218	0.00000273	0.000637	0.000438	0.0014	0.000171
2096 Dec	0.00000811	4.19	7.03	0.0486	0.00136	19.8	0.00667	0.0157	0.000132	0.000386	0.000258	0.218	0.00000273	0.000637	0.000438	0.0014	0.000171
2097 Jan	0.00000811	4.19	7.03	0.0486	0.00136	19.8	0.00667	0.0157	0.000132	0.000386	0.000258	0.218	0.00000273	0.000637	0.000438	0.0014	0.000171
2097 Feb	0.00000811	4.19	7.03	0.0486	0.00136	19.8	0.00667	0.0157	0.000132	0.000386	0.000258	0.218	0.00000273	0.000637	0.000438	0.0014	0.000171
2097 Mar	0.00000811	4.19	7.03	0.0486	0.00136	19.8	0.00667	0.0157	0.000132	0.000386	0.000258	0.218	0.00000273	0.000637	0.000438	0.0014	0.000171
2097 Apr	0.00000811	4.19	7.04	0.0486	0.00136	19.8	0.00667	0.0157	0.000132	0.000386	0.000258	0.218	0.00000273	0.000637	0.000438	0.0014	0.000171
2097 May	0.00000812	4.19	7.04	0.0486	0.00136	19.8	0.00668	0.0157	0.000132	0.000387	0.000259	0.218	0.00000273	0.000637	0.000438	0.0014	0.000171
2097 Jun	0.00000817	4.22	7.09	0.049	0.00137	19.7	0.00672	0.0158	0.000133	0.000389	0.00026	0.22	0.00000273	0.000642	0.000441	0.0014	0.000171
2097 Jul	0.0000082	4.23	7.11	0.0492	0.00138	19.8	0.00674	0.0158	0.000133	0.000391	0.000261	0.22	0.00000274	0.000644	0.000442	0.00141	0.000171
2097 Aug	0.00000821	4.24	7.12	0.0493	0.00138	19.8	0.00675	0.0158	0.000133	0.000391	0.000262	0.221	0.00000275	0.000645	0.000443	0.00141	0.000171
2097 Sep	0.00000822	4.24	7.13	0.0493	0.00138	19.8	0.00676	0.0159	0.000133	0.000392	0.000262	0.221	0.00000275	0.000646	0.000443	0.00141	0.000171
2097 Oct	0.00000821	4.24	7.13	0.0493	0.00138	19.8	0.00676	0.0158	0.000133	0.000391	0.000262	0.221	0.00000275	0.000646	0.000443	0.00141	0.000171
2097 Nov	0.00000821	4.24	7.12	0.0493	0.00138	19.8	0.00675	0.0158	0.000133	0.000391	0.000262	0.221	0.00000275	0.000645	0.000443	0.00141	0.000171
2097 Dec	0.00000821	4.24	7.12	0.0493	0.00138	19.8	0.00675	0.0158	0.000133	0.000391	0.000262	0.221	0.00000275	0.000645	0.000443	0.00141	0.000171
2098 Jan	0.00000821	4.24	7.12	0.0493	0.00138	19.8	0.00675	0.0158	0.000133	0.000391	0.000262	0.221	0.00000275	0.000645	0.000443	0.00141	0.000171
2098 Feb	0.00000821	4.24	7.12	0.0493	0.00138	19.8	0.00675	0.0158	0.000133	0.000391	0.000262	0.221	0.00000275	0.000645	0.000443	0.00141	0.000171
2098 Mar	0.00000821	4.24	7.12	0.0493	0.00138	19.8	0.00675	0.0158	0.000133	0.000391	0.000262	0.221	0.00000275	0.000645	0.000443	0.00141	0.000171
2098 Apr	0.00000821	4.24	7.12	0.0493	0.00138	19.8	0.00676	0.0158	0.000133	0.000391	0.000262	0.221	0.00000275	0.000645	0.000443	0.00141	0.000171
2098 May	0.00000822	4.24	7.13	0.0493	0.00138	19.8	0.00676	0.0159	0.000134	0.000392	0.000262	0.221	0.00000275	0.000646	0.000444	0.00141	0.000171
2098 Jun	0.00000832	4.29	7.22	0.05	0.0014	19.7	0.00684	0.016	0.000135	0.000396	0.000265	0.223	0.00000275	0.000655	0.000449	0.00142	0.00017
2098 Jul	0.00000835	4.3	7.25	0.0502	0.00141	19.8	0.00687	0.016	0.000136	0.000398	0.000266	0.224	0.00000276	0.000658	0.00045	0.00142	0.000171
2098 Aug	0.00000836	4.31	7.26	0.0503	0.00141	19.8	0.00688	0.016	0.000136	0.000398	0.000266	0.224	0.00000276	0.000659	0.000451	0.00142	0.000171
2098 Sep	0.00000835	4.3	7.25	0.0502	0.00141	19.7	0.00687	0.016	0.000135	0.000398	0.000266	0.224	0.00000275	0.000658	0.00045	0.00142	0.000171
2098 Oct	0.00000839	4.32	7.29	0.0505	0.00142	19.7	0.00691	0.0161	0.000136	0.0004	0.000267	0.225	0.00000275	0.000662	0.000452	0.00142	0.000171
2098 Nov	0.00000842	4.34	7.31	0.0506	0.00142	19.7	0.00693	0.0161	0.000136	0.000401	0.000268	0.225	0.00000276	0.000665	0.000453	0.00142	0.000171
2098 Dec	0.00000842	4.34	7.31	0.0506	0.00142	19.7	0.00693	0.0161	0.000136	0.000401	0.000268	0.225	0.00000276	0.000665	0.000453	0.00142	0.000171
2099 Jan	0.00000842	4.34	7.31	0.0506	0.00142	19.7	0.00693	0.0161	0.000136	0.000401	0.000268	0.225	0.00000276	0.000665	0.000453	0.00142	0.000171
2099 Feb	0.00000842	4.34	7.31	0.0506	0.00142	19.7	0.00693	0.0161	0.000136	0.000401	0.000268	0.225	0.00000276	0.000665	0.000453	0.00142	0.000171
2099 Mar	0.00000842	4.34	7.31	0.0506	0.00142	19.7	0.00693	0.0161	0.000136	0.000402	0.000268	0.225	0.00000276	0.000665	0.000453	0.00142	0.000171
2099 Apr	0.00000842	4.34	7.32	0.0507	0.00142	19.7	0.00693	0.0161	0.000136	0.000402	0.000268	0.226	0.00000276	0.000665	0.000453	0.00142	0.000171
2099 May	0.00000847	4.36	7.36	0.051	0.00143	19.7	0.00697	0.0162	0.000137	0.000404	0.00027	0.227	0.00000276	0.00067	0.000456	0.00143	0.00017
2099 Jun	0.00000854	4.39	7.42	0.0515	0.00144	19.6	0.00703	0.0162	0.000138	0.000407	0.000272	0.228	0.00000276	0.000676	0.000459	0.00143	0.00017
2099 Jul	0.00000856	4.4	7.44	0.0516	0.00145	19.7	0.00705	0.0163	0.000138	0.000409	0.000273	0.229	0.00000277	0.000678	0.000461	0.00143	0.00017
2099 Aug	0.00000858	4.41	7.46	0.0517	0.00145	19.7	0.00706	0.0163	0.000138	0.000409	0.000273	0.229	0.00000277	0.000679	0.000462	0.00144	0.000171
2099 Sep	0.00000857	4.41	7.45	0.0517	0.00145	19.7	0.00706	0.0163	0.000138	0.000409	0.000273	0.229	0.00000277	0.000679	0.000461	0.00144	0.000171
2099 Oct	0.00000857	4.41	7.45	0.0517	0.00145	19.7	0.00705	0.0163	0.000138	0.000409	0.000273	0.229	0.00000277	0.000679	0.000461	0.00143	0.000171
2099 Nov	0.00000858	4.41	7.46	0.0517	0.00145	19.7	0.00706	0.0163	0.000138	0.00041	0.000274	0.229	0.00000277	0.00068	0.000461	0.00143	0.000171
2099 Dec	0.00000858	4.41	7.46	0.0517	0.00145	19.7	0.00707	0.0163	0.000138	0.00041	0.000274	0.229	0.00000277	0.00068	0.000462	0.00144	0.000171
2100 Jan	0.00000858	4.41	7.46	0.0517	0.00145	19.7	0.00707	0.0163	0.000138	0.00041	0.000274	0.229	0.00000277	0.00068	0.000462	0.00144	0.000171
2100 Feb	0.00000858	4.41	7.46	0.0518	0.00145	19.7	0.00707	0.0163	0.000138	0.00041	0.000274	0.229	0.00000277	0.00068	0.000462	0.00144	0.000171
2100 Mar	0.00000858	4.41	7.46	0.0518	0.00145	19.7	0.00707	0.0163	0.000138	0.00041	0.000274	0.229	0.00000277	0.00068	0.000462	0.00144	0.000171
2100 Apr	0.00000858	4.42	7.46	0.0518	0.00145	19.7	0.00707	0.0163	0.000138	0.00041	0.000274	0.23	0.00000277	0.00068	0.000462	0.00144	0.000171
2100 May	0.0000086	4.42	7.48	0.0519	0.00145	19.7	0.00708	0.0163	0.000139	0.00041	0.000274	0.23	0.00000277	0.000681	0.000462	0.00144	0.000171
2100 Jun	0.00000872	4.48	7.59	0.0527	0.00148	19.6	0.00718	0.0165	0.00014	0.000417	0.000278	0.233	0.00000278	0.000693	0.000468	0.00144	0.00017
2100 Jul	0.00000875	4.49	7.62	0.0529	0.00148	19.6	0.00721	0.0165	0.00014	0.000418	0.000279	0.234	0.00000278	0.000696	0.00047	0.00145	0.00017
2100 Aug	0.00000876	4.5	7.62	0.0529	0.00149	19.6	0.00721	0.0165	0.00014	0.000418	0.000279	0.234	0.00000278	0.000696	0.00047	0.00145	0.00017
2100 Sep	0.00000877	4.5	7.63	0.053	0.00149	19.6	0.00722	0.0165	0.000141	0.000419	0.00028	0.234	0.00000278	0.000698	0.000471	0.00145	0.00017
2100 Oct	0.00000877	4.51	7.64	0.053	0.00149	19.6	0.00723	0.0165	0.000141	0.000419	0.00028	0.234	0.00000278	0.000698	0.000471	0.00145	0.00017
2100 Nov	0.00000878	4.51	7.64	0.0531	0.00149	19.6	0.00723	0.0165	0.000141	0.00042	0.00028	0.234	0.00000278	0.000698	0.000471	0.00145	0.00017
2100 Dec	0.00000878	4.51	7.64	0.0531	0.00149	19.6	0.00723	0.0165	0.000141	0.00042	0.00028	0.234	0.00000278	0.000699	0.000471	0.00145	0.00017
2101 Jan	0.00000878	4.51	7.64	0.0531	0.00149	19.6	0.00723	0.0165	0.000141	0.00042	0.00028	0.234	0.00000278	0.000699	0.000471	0.00145	0.00017

Appendix D.3-3: WES

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Feb	0.00000878	4.51	7.64	0.0531	0.00149	19.6	0.00723	0.0165	0.000141	0.00042	0.00028	0.234	0.00000278	0.000699	0.000471	0.00145	0.00017
2101 Mar	0.00000878	4.51	7.64	0.0531	0.00149	19.6	0.00723	0.0165	0.000141	0.00042	0.00028	0.234	0.00000278	0.000699	0.000471	0.00145	0.00017
2101 Apr	0.00000878	4.51	7.64	0.0531	0.00149	19.6	0.00724	0.0165	0.000141	0.00042	0.00028	0.234	0.00000278	0.000699	0.000471	0.00145	0.00017
2101 May	0.0000088	4.52	7.66	0.0532	0.00149	19.6	0.00725	0.0165	0.000141	0.000421	0.000281	0.235	0.00000279	0.0007	0.000472	0.00145	0.00017
2101 Jun	0.00000888	4.56	7.74	0.0538	0.00151	19.5	0.00732	0.0166	0.000142	0.000425	0.000284	0.237	0.00000279	0.000708	0.000476	0.00145	0.00017
2101 Jul	0.00000891	4.57	7.77	0.054	0.00152	19.6	0.00735	0.0167	0.000143	0.000426	0.000285	0.238	0.0000028	0.000711	0.000478	0.00146	0.000171
2101 Aug	0.00000894	4.59	7.79	0.0541	0.00152	19.6	0.00737	0.0167	0.000143	0.000427	0.000285	0.238	0.0000028	0.000713	0.000479	0.00146	0.000171
2101 Sep	0.00000893	4.59	7.79	0.0541	0.00152	19.6	0.00737	0.0167	0.000143	0.000427	0.000285	0.238	0.0000028	0.000713	0.000479	0.00146	0.000171
2101 Oct	0.00000893	4.58	7.78	0.0541	0.00152	19.6	0.00736	0.0167	0.000143	0.000427	0.000285	0.238	0.0000028	0.000713	0.000479	0.00146	0.000171
2101 Nov	0.00000893	4.58	7.78	0.0541	0.00152	19.6	0.00736	0.0167	0.000143	0.000427	0.000285	0.238	0.0000028	0.000712	0.000479	0.00146	0.000171
2101 Dec	0.00000893	4.58	7.78	0.0541	0.00152	19.6	0.00736	0.0167	0.000143	0.000427	0.000285	0.238	0.0000028	0.000712	0.000479	0.00146	0.000171
2102 Jan	0.00000893	4.58	7.78	0.0541	0.00152	19.6	0.00736	0.0167	0.000143	0.000427	0.000285	0.238	0.0000028	0.000712	0.000479	0.00146	0.000171
2102 Feb	0.00000893	4.58	7.78	0.0541	0.00152	19.6	0.00736	0.0167	0.000143	0.000427	0.000285	0.238	0.0000028	0.000712	0.000479	0.00146	0.000171
2102 Mar	0.00000893	4.58	7.78	0.0541	0.00152	19.6	0.00736	0.0167	0.000143	0.000427	0.000285	0.238	0.0000028	0.000712	0.000479	0.00146	0.000171
2102 Apr	0.00000893	4.58	7.78	0.0541	0.00152	19.6	0.00736	0.0167	0.000143	0.000427	0.000285	0.238	0.0000028	0.000712	0.000479	0.00146	0.000171
2102 May	0.00000893	4.58	7.78	0.0541	0.00152	19.6	0.00736	0.0167	0.000143	0.000427	0.000285	0.238	0.0000028	0.000713	0.000479	0.00146	0.000171
2102 Jun	0.00000899	4.61	7.84	0.0545	0.00153	19.5	0.00741	0.0168	0.000144	0.00043	0.000287	0.239	0.0000028	0.000718	0.000482	0.00146	0.00017
2102 Jul	0.00000907	4.65	7.91	0.055	0.00155	19.5	0.00748	0.0169	0.000145	0.000434	0.00029	0.241	0.00000281	0.000725	0.000486	0.00147	0.00017
2102 Aug	0.00000909	4.65	7.92	0.0551	0.00155	19.5	0.00749	0.0169	0.000145	0.000435	0.00029	0.242	0.00000281	0.000726	0.000487	0.00147	0.000171
2102 Sep	0.00000909	4.66	7.92	0.0551	0.00155	19.5	0.00749	0.0169	0.000145	0.000435	0.00029	0.242	0.00000281	0.000727	0.000487	0.00147	0.000171
2102 Oct	0.00000908	4.65	7.91	0.055	0.00155	19.5	0.00748	0.0169	0.000145	0.000434	0.00029	0.241	0.00000281	0.000726	0.000486	0.00147	0.00017
2102 Nov	0.00000908	4.65	7.91	0.055	0.00155	19.5	0.00748	0.0169	0.000145	0.000434	0.00029	0.241	0.00000281	0.000726	0.000486	0.00147	0.00017
2102 Dec	0.00000908	4.65	7.91	0.055	0.00155	19.5	0.00748	0.0169	0.000145	0.000434	0.00029	0.241	0.00000281	0.000726	0.000486	0.00147	0.00017
2103 Jan	0.00000908	4.65	7.91	0.055	0.00155	19.5	0.00748	0.0169	0.000145	0.000434	0.00029	0.241	0.00000281	0.000726	0.000486	0.00147	0.00017
2103 Feb	0.00000908	4.65	7.91	0.055	0.00155	19.5	0.00748	0.0169	0.000145	0.000434	0.00029	0.241	0.00000281	0.000726	0.000486	0.00147	0.00017
2103 Mar	0.00000908	4.65	7.91	0.055	0.00155	19.5	0.00748	0.0169	0.000145	0.000434	0.00029	0.241	0.00000281	0.000726	0.000486	0.00147	0.00017
2103 Apr	0.00000908	4.65	7.91	0.055	0.00155	19.5	0.00748	0.0169	0.000145	0.000434	0.00029	0.241	0.00000281	0.000726	0.000486	0.00147	0.00017
2103 May	0.0000091	4.66	7.93	0.0552	0.00155	19.5	0.0075	0.017	0.000145	0.000435	0.00029	0.242	0.00000281	0.000728	0.000487	0.00147	0.000171
2103 Jun	0.00000921	4.71	8.03	0.056	0.00157	19.4	0.00759	0.0171	0.000147	0.000441	0.000294	0.245	0.00000282	0.000738	0.000493	0.00148	0.00017
2103 Jul	0.00000925	4.73	8.06	0.0562	0.00158	19.4	0.00762	0.0171	0.000147	0.000443	0.000295	0.246	0.00000282	0.000741	0.000495	0.00148	0.00017
2103 Aug	0.00000927	4.74	8.09	0.0564	0.00158	19.4	0.00765	0.0172	0.000147	0.000444	0.000296	0.246	0.00000283	0.000744	0.000496	0.00148	0.000171
2103 Sep	0.0000093	4.76	8.11	0.0565	0.00159	19.4	0.00767	0.0172	0.000147	0.000445	0.000297	0.247	0.00000283	0.000746	0.000497	0.00149	0.00017
2103 Oct	0.00000935	4.78	8.16	0.0569	0.0016	19.3	0.00771	0.0172	0.000148	0.000448	0.000299	0.248	0.00000283	0.000752	0.0005	0.00149	0.00017
2103 Nov	0.00000937	4.79	8.18	0.057	0.0016	19.3	0.00773	0.0172	0.000148	0.000449	0.000299	0.248	0.00000283	0.000753	0.0005	0.00149	0.00017
2103 Dec	0.00000937	4.79	8.18	0.057	0.0016	19.3	0.00773	0.0172	0.000148	0.000449	0.000299	0.248	0.00000283	0.000753	0.0005	0.00149	0.00017
2104 Jan	0.00000937	4.79	8.18	0.057	0.0016	19.3	0.00773	0.0172	0.000148	0.000449	0.000299	0.248	0.00000283	0.000753	0.0005	0.00149	0.00017
2104 Feb	0.00000937	4.79	8.18	0.057	0.0016	19.3	0.00773	0.0172	0.000148	0.000449	0.000299	0.248	0.00000283	0.000753	0.0005	0.00149	0.00017
2104 Mar	0.00000937	4.79	8.18	0.057	0.0016	19.3	0.00773	0.0172	0.000148	0.000449	0.000299	0.248	0.00000283	0.000753	0.0005	0.00149	0.00017
2104 Apr	0.00000937	4.79	8.18	0.057	0.0016	19.3	0.00773	0.0172	0.000148	0.000449	0.0003	0.249	0.00000283	0.000753	0.000501	0.00149	0.00017
2104 May	0.00000939	4.8	8.2	0.0572	0.00161	19.3	0.00775	0.0173	0.000149	0.00045	0.0003	0.249	0.00000283	0.000755	0.000502	0.00149	0.00017
2104 Jun	0.00000948	4.84	8.28	0.0578	0.00163	19.2	0.00782	0.0174	0.00015	0.000455	0.000303	0.251	0.00000283	0.000764	0.000506	0.0015	0.00017
2104 Jul	0.00000951	4.86	8.31	0.058	0.00163	19.3	0.00784	0.0174	0.00015	0.000456	0.000304	0.252	0.00000284	0.000766	0.000508	0.0015	0.00017
2104 Aug	0.00000952	4.86	8.32	0.058	0.00163	19.3	0.00785	0.0174	0.00015	0.000456	0.000304	0.252	0.00000284	0.000767	0.000508	0.0015	0.00017
2104 Sep	0.00000952	4.86	8.32	0.058	0.00163	19.3	0.00785	0.0174	0.00015	0.000456	0.000304	0.252	0.00000284	0.000767	0.000508	0.0015	0.00017
2104 Oct	0.00000955	4.88	8.34	0.0582	0.00164	19.3	0.00788	0.0174	0.00015	0.000458	0.000305	0.253	0.00000284	0.00077	0.000509	0.0015	0.00017
2104 Nov	0.00000956	4.88	8.35	0.0583	0.00164	19.2	0.00789	0.0175	0.000151	0.000458	0.000306	0.253	0.00000284	0.000771	0.00051	0.0015	0.00017
2104 Dec	0.00000956	4.88	8.35	0.0583	0.00164	19.2	0.00789	0.0175	0.000151	0.000458	0.000306	0.253	0.00000284	0.000771	0.00051	0.0015	0.00017
2105 Jan	0.00000956	4.88	8.35	0.0583	0.00164	19.2	0.00789	0.0175	0.000151	0.000458	0.000306	0.253	0.00000284	0.000771	0.00051	0.0015	0.00017
2105 Feb	0.00000956	4.88	8.35	0.0583	0.00164	19.2	0.00789	0.0175	0.000151	0.000458	0.000306	0.253	0.00000284	0.000771	0.00051	0.0015	0.00017
2105 Mar	0.00000956	4.88	8.35	0.0583	0.00164	19.2	0.00789	0.0175	0.000151	0.000458	0.000306	0.253	0.00000284	0.000771	0.00051	0.0015	0.00017
2105 Apr	0.00000956	4.88	8.36	0.0583	0.00164	19.2	0.00789	0.0175	0.000151	0.000459	0.000306	0.253	0.00000284	0.000771	0.00051	0.0015	0.00017
2105 May	0.00000957	4.89	8.37	0.0584	0.00164	19.2	0.0079	0.0175	0.000151	0.000459	0.000306	0.253	0.00000284	0.000772	0.000511	0.0015	0.00017
2105 Jun	0.00000963	4.92	8.42	0.0588	0.00165	19.2	0.00795	0.0176	0.000152	0.000462	0.000308	0.255	0.00000285	0.000777	0.000513	0.00151	0.00017
2105 Jul	0.00000964	4.92	8.43	0.0589	0.00166	19.3	0.00796	0.0176	0.000152	0.000463	0.000309	0.255	0.00000285	0.000779	0.000514	0.00151	0.000171
2105 Aug	0.00000965	4.93	8.44	0.0589	0.00166	19.2	0.00797	0.0176	0.000152	0.000463	0.000309	0.255	0.00000285	0.00078	0.000515	0.00151	0.000171
2105 Sep	0.0000097	4.96	8.49	0.0593	0.00167	19.2	0.00802	0.0176	0.000152	0.000466	0.000311	0.257	0.00000285	0.000785	0.000517	0.00151	0.000171
2105 Oct	0.00000974	4.97	8.53	0.0596	0.00168	19.2	0.00805	0.0177	0.000153	0.000468	0.000312	0.258	0.00000285	0.000788	0.000519	0.00151	0.000171
2105 Nov	0.00000976	4.98	8.54	0.0597	0.00168	19.1	0.00807	0.0177	0.000153	0.000469	0.000313	0.258	0.00000285	0.00079	0.00052	0.00151	0.000171
2105 Dec	0.00000976	4.98	8.55	0.0597	0.00168	19.1	0.00807	0.0177	0.000153	0.000469	0.000313	0.258	0.00000285	0.00079	0.00052	0.00151	0.000171
2106 Jan	0.00000976	4.98	8.55	0.0597	0.00168	19.1	0.00807	0.0177	0.000153	0.000469	0.000313	0.258	0.00000285	0.00079	0.00052	0.00151	0.000171
2106 Feb	0.00000976	4.98	8.55	0.0597	0.00168	19.1	0.00807	0.0177	0.000153	0.000469	0.000313	0.258	0.00000285	0.00079	0.00052	0.00151	0.000171
2106 Mar	0.00000976	4.98	8.55	0.0597	0.00168	19.1	0.00807	0.0177	0.000153	0.000469	0.000313	0.258	0.00000285	0.00079	0.00052	0.00151	0.000171
2106 Apr	0.00000976	4.98	8.55	0.0597	0.00168	19.1	0.00807	0.0177	0.000153	0.000469	0.000313	0.258	0.00000286	0.00079	0.00052	0.00151	0.000171
2106 May	0.00000977	4.99	8.55	0.0597	0.00168	19.2	0.00807	0.0177	0.000153	0.000469	0.000313	0.258	0.00000286	0.000791	0.00052	0.00152	0.000171
2106 Jun	0.00000987	5.03	8.65	0.0604	0.0017	19.1	0.00816	0.0178	0.000154	0.000474	0.000316	0.261	0.00000286	0.0008	0.000525	0.00152	0.000171
2106 Jul	0.00000993	5.06	8.7	0.0608	0.00171	19.1	0.0082	0.0179	0.000155	0.000477	0.000318	0.262	0.00000287	0.000805	0.000528	0.00153	0.000171
2106 Aug	0.00000993	5.07	8.7	0.0608	0.00172	19.1	0.00821	0.0179	0.000155	0.000477	0.000319	0.262	0.00000287	0.000806	0.000528	0.00153	0.000171
2106 Sep	0.00000997	5.09	8.74	0.0611	0.00172	19	0.00824	0.0179	0.000155	0.00048	0.00032	0.263	0.00000287	0.00081	0.00053	0.00153	0.000171
2106 Oct	0.00000999	5.09	8.75	0.0612	0.00173	19	0.00826	0.0179	0.000156	0.00048	0.000321	0.264	0.00000287	0.000811	0.000531	0.00153	0.000171
2106 Nov	0.00000999	5.09	8.76	0.0612	0.00173	19	0.00826	0.0179	0.000156	0.00048	0.000321	0.264	0.00000287	0.000811	0.000531	0.00153	0.000171
2106 Dec	0.00000999	5.09	8.76	0.0612	0.00173	19	0.00826	0.0179	0.000156	0.00048	0.000321	0.264	0.00000287	0.000812	0.000531	0.00153	0.000171
2107 Jan	0.00000999	5.09	8.76	0.0612	0.00173	19	0.00826	0.0179	0.000156	0.00048	0.000321	0.264	0.00000287	0.000812	0.000531	0.00153	0.000171
2107 Feb	0.00000999	5.09	8.76	0.0612	0.00173	19	0.00826	0.0179	0.000156	0.00048	0.000321	0.264	0.00000287	0.000812	0.000531	0.00153	0.000171
2107 Mar	0.00000999	5.09	8.76	0.0612	0.00173	19	0.00826	0.0179	0.000156	0.00048	0.000321	0.264	0.00000287	0.000812	0.000531	0.00153	0.000171
2107 Apr	0.00000999	5.09	8.76	0.0612	0.00173	19	0.00826	0.0179	0.000156	0.00048	0.000321	0.264	0.00000287	0.000812	0.000531	0.00153	0.000171
2107 May	0.00001	5.1	8.77	0.0613	0.00173	19	0.00827	0.018	0.000156	0.000481	0.000321	0.264	0.00000287	0.000813	0.000532	0.00153	0.000171
2107 Jun	0.0000101	5.14	8.83	0.0618	0.00174	19	0.00833	0.0181	0.000157	0.000485	0.000323	0.266	0.00000288	0.00082	0.000535	0.00153	0.000171

Appendix D.3-3: WES

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2107 Jul	0.0000101	5.14	8.84	0.0619	0.00175	19	0.00834	0.0181	0.000157	0.000485	0.000324	0.266	0.00000288	0.00082	0.000536	0.00154	0.000171
2107 Aug	0.0000101	5.15	8.86	0.062	0.00175	19	0.00835	0.0181	0.000158	0.000486	0.000324	0.267	0.00000288	0.000822	0.000537	0.00154	0.000171
2107 Sep	0.0000101	5.15	8.86	0.062	0.00175	19	0.00836	0.0181	0.000158	0.000486	0.000324	0.267	0.00000289	0.000822	0.000537	0.00154	0.000172
2107 Oct	0.0000101	5.15	8.86	0.062	0.00175	19	0.00835	0.0181	0.000158	0.000486	0.000324	0.267	0.00000288	0.000822	0.000537	0.00154	0.000171
2107 Nov	0.0000101	5.15	8.86	0.062	0.00175	19	0.00835	0.0181	0.000157	0.000486	0.000324	0.266	0.00000288	0.000822	0.000537	0.00154	0.000171
2107 Dec	0.0000101	5.15	8.86	0.062	0.00175	19	0.00835	0.0181	0.000157	0.000486	0.000324	0.266	0.00000288	0.000822	0.000537	0.00154	0.000171
2108 Jan	0.0000101	5.15	8.86	0.062	0.00175	19	0.00835	0.0181	0.000157	0.000486	0.000324	0.266	0.00000288	0.000822	0.000537	0.00154	0.000171
2108 Feb	0.0000101	5.15	8.86	0.062	0.00175	19	0.00835	0.0181	0.000157	0.000486	0.000324	0.266	0.00000288	0.000822	0.000537	0.00154	0.000171
2108 Mar	0.0000101	5.15	8.86	0.062	0.00175	19	0.00835	0.0181	0.000158	0.000486	0.000324	0.267	0.00000288	0.000822	0.000537	0.00154	0.000171
2108 Apr	0.0000101	5.15	8.86	0.062	0.00175	19	0.00836	0.0181	0.000158	0.000486	0.000324	0.267	0.00000289	0.000822	0.000537	0.00154	0.000172
2108 May	0.0000101	5.16	8.87	0.0621	0.00175	19.1	0.00836	0.0181	0.000158	0.000487	0.000325	0.267	0.00000289	0.000823	0.000537	0.00154	0.000172
2108 Jun	0.0000101	5.17	8.89	0.0622	0.00176	19	0.00838	0.0182	0.000158	0.000488	0.000325	0.267	0.00000289	0.000825	0.000539	0.00154	0.000172
2108 Jul	0.0000102	5.18	8.92	0.0625	0.00176	19.1	0.00841	0.0182	0.000158	0.000489	0.000327	0.268	0.0000029	0.000828	0.00054	0.00155	0.000172
2108 Aug	0.0000102	5.2	8.94	0.0626	0.00177	19.1	0.00843	0.0183	0.000159	0.000491	0.000327	0.269	0.0000029	0.00083	0.000542	0.00155	0.000172
2108 Sep	0.0000102	5.2	8.95	0.0626	0.00177	19.1	0.00844	0.0183	0.000159	0.000491	0.000328	0.269	0.0000029	0.00083	0.000542	0.00155	0.000173
2108 Oct	0.0000102	5.19	8.93	0.0625	0.00176	19.1	0.00842	0.0182	0.000159	0.00049	0.000327	0.269	0.0000029	0.000829	0.000541	0.00155	0.000172
2108 Nov	0.0000102	5.19	8.93	0.0625	0.00176	19.1	0.00842	0.0182	0.000159	0.00049	0.000327	0.269	0.0000029	0.000829	0.000541	0.00155	0.000172
2108 Dec	0.0000102	5.19	8.93	0.0625	0.00176	19.1	0.00842	0.0182	0.000159	0.00049	0.000327	0.269	0.0000029	0.000829	0.000541	0.00155	0.000172
2109 Jan	0.0000102	5.19	8.93	0.0625	0.00176	19.1	0.00842	0.0182	0.000159	0.00049	0.000327	0.269	0.0000029	0.000829	0.000541	0.00155	0.000172
2109 Feb	0.0000102	5.19	8.93	0.0625	0.00176	19.1	0.00842	0.0182	0.000159	0.00049	0.000327	0.269	0.0000029	0.000829	0.000541	0.00155	0.000172
2109 Mar	0.0000102	5.19	8.93	0.0625	0.00176	19.1	0.00842	0.0182	0.000159	0.00049	0.000327	0.269	0.0000029	0.000829	0.000541	0.00155	0.000172
2109 Apr	0.0000102	5.19	8.93	0.0625	0.00176	19.1	0.00842	0.0182	0.000159	0.00049	0.000327	0.269	0.0000029	0.000829	0.000541	0.00155	0.000172
2109 May	0.0000102	5.2	8.94	0.0626	0.00177	19.1	0.00843	0.0183	0.000159	0.000491	0.000327	0.269	0.0000029	0.00083	0.000542	0.00155	0.000172
2109 Jun	0.0000102	5.22	8.98	0.0629	0.00177	19.1	0.00847	0.0183	0.00016	0.000493	0.000329	0.27	0.00000291	0.000834	0.000544	0.00155	0.000172
2109 Jul	0.0000103	5.22	8.99	0.063	0.00178	19.1	0.00848	0.0184	0.00016	0.000493	0.000329	0.27	0.00000291	0.000835	0.000545	0.00155	0.000172
2109 Aug	0.0000103	5.23	9.01	0.0631	0.00178	19.1	0.00849	0.0184	0.00016	0.000494	0.00033	0.271	0.00000291	0.000836	0.000546	0.00156	0.000173
2109 Sep	0.0000103	5.23	9.01	0.0632	0.00178	19.1	0.0085	0.0184	0.00016	0.000494	0.00033	0.271	0.00000291	0.000837	0.000546	0.00156	0.000173
2109 Oct	0.0000103	5.26	9.06	0.0635	0.00179	19	0.00854	0.0184	0.000161	0.000497	0.000332	0.272	0.00000291	0.000841	0.000548	0.00156	0.000173
2109 Nov	0.0000103	5.26	9.06	0.0635	0.00179	19	0.00854	0.0184	0.000161	0.000497	0.000332	0.272	0.00000291	0.000842	0.000548	0.00156	0.000173
2109 Dec	0.0000103	5.26	9.06	0.0635	0.00179	19	0.00854	0.0184	0.000161	0.000497	0.000332	0.272	0.00000291	0.000842	0.000548	0.00156	0.000173
2110 Jan	0.0000103	5.26	9.06	0.0635	0.00179	19	0.00854	0.0184	0.000161	0.000497	0.000332	0.272	0.00000291	0.000842	0.000548	0.00156	0.000173
2110 Feb	0.0000103	5.26	9.06	0.0635	0.00179	19	0.00854	0.0184	0.000161	0.000497	0.000332	0.272	0.00000291	0.000842	0.000548	0.00156	0.000173
2110 Mar	0.0000103	5.26	9.06	0.0635	0.00179	19	0.00854	0.0184	0.000161	0.000497	0.000332	0.272	0.00000291	0.000842	0.000548	0.00156	0.000173
2110 Apr	0.0000103	5.26	9.07	0.0635	0.00179	19.1	0.00854	0.0184	0.000161	0.000497	0.000332	0.272	0.00000291	0.000842	0.000548	0.00156	0.000173
2110 May	0.0000103	5.27	9.07	0.0636	0.00179	19.1	0.00855	0.0185	0.000161	0.000498	0.000332	0.272	0.00000292	0.000843	0.000549	0.00156	0.000173
2110 Jun	0.0000105	5.32	9.18	0.0644	0.00182	18.9	0.00864	0.0186	0.000163	0.000503	0.000336	0.275	0.00000292	0.000854	0.000555	0.00157	0.000173
2110 Jul	0.0000105	5.33	9.2	0.0646	0.00182	19	0.00867	0.0186	0.000163	0.000505	0.000337	0.276	0.00000293	0.000856	0.000556	0.00157	0.000173
2110 Aug	0.0000106	5.37	9.28	0.0651	0.00184	18.9	0.00874	0.0187	0.000164	0.000509	0.00034	0.278	0.00000293	0.000864	0.00056	0.00157	0.000173
2110 Sep	0.0000106	5.41	9.34	0.0656	0.00185	18.8	0.0088	0.0188	0.000164	0.000512	0.000342	0.28	0.00000293	0.000871	0.000563	0.00158	0.000173
2110 Oct	0.0000107	5.44	9.4	0.066	0.00187	18.7	0.00885	0.0188	0.000165	0.000516	0.000344	0.281	0.00000293	0.000877	0.000566	0.00158	0.000173
2110 Nov	0.0000107	5.45	9.42	0.0661	0.00187	18.7	0.00887	0.0188	0.000165	0.000516	0.000345	0.281	0.00000293	0.000878	0.000566	0.00158	0.000173
2110 Dec	0.0000107	5.45	9.42	0.0661	0.00187	18.7	0.00887	0.0188	0.000165	0.000516	0.000345	0.281	0.00000293	0.000878	0.000567	0.00158	0.000173
2111 Jan	0.0000107	5.45	9.42	0.0661	0.00187	18.7	0.00887	0.0188	0.000165	0.000516	0.000345	0.281	0.00000293	0.000878	0.000567	0.00158	0.000173
2111 Feb	0.0000107	5.45	9.42	0.0661	0.00187	18.7	0.00887	0.0188	0.000165	0.000516	0.000345	0.281	0.00000293	0.000878	0.000567	0.00158	0.000173
2111 Mar	0.0000107	5.45	9.42	0.0661	0.00187	18.7	0.00887	0.0188	0.000165	0.000517	0.000345	0.281	0.00000293	0.000878	0.000567	0.00158	0.000173
2111 Apr	0.0000107	5.45	9.42	0.0662	0.00187	18.7	0.00887	0.0188	0.000165	0.000517	0.000345	0.282	0.00000293	0.000878	0.000567	0.00158	0.000173
2111 May	0.0000107	5.45	9.43	0.0662	0.00187	18.7	0.00888	0.0189	0.000165	0.000517	0.000345	0.282	0.00000293	0.00088	0.000568	0.00158	0.000173
2111 Jun	0.0000108	5.49	9.5	0.0668	0.00189	18.7	0.00894	0.019	0.000167	0.000521	0.000348	0.284	0.00000294	0.000887	0.000572	0.00159	0.000173
2111 Jul	0.0000108	5.51	9.53	0.067	0.00189	18.7	0.00897	0.019	0.000167	0.000523	0.000349	0.284	0.00000294	0.000889	0.000573	0.00159	0.000173
2111 Aug	0.0000108	5.51	9.54	0.067	0.00189	18.7	0.00897	0.019	0.000167	0.000523	0.000349	0.285	0.00000294	0.00089	0.000573	0.00159	0.000173
2111 Sep	0.0000109	5.52	9.56	0.0672	0.0019	18.7	0.009	0.019	0.000167	0.000524	0.00035	0.285	0.00000295	0.000892	0.000574	0.00159	0.000174
2111 Oct	0.0000109	5.54	9.59	0.0674	0.00191	18.6	0.00902	0.0191	0.000168	0.000526	0.000351	0.286	0.00000294	0.000895	0.000576	0.00159	0.000174
2111 Nov	0.0000109	5.55	9.61	0.0676	0.00191	18.6	0.00905	0.0191	0.000168	0.000527	0.000352	0.287	0.00000295	0.000898	0.000577	0.00159	0.000174
2111 Dec	0.0000109	5.55	9.62	0.0676	0.00191	18.6	0.00905	0.0191	0.000168	0.000527	0.000352	0.287	0.00000295	0.000898	0.000577	0.00159	0.000174
2112 Jan	0.0000109	5.55	9.62	0.0676	0.00191	18.6	0.00905	0.0191	0.000168	0.000527	0.000352	0.287	0.00000295	0.000898	0.000577	0.00159	0.000174
2112 Feb	0.0000109	5.55	9.62	0.0676	0.00191	18.6	0.00905	0.0191	0.000168	0.000527	0.000352	0.287	0.00000295	0.000898	0.000577	0.00159	0.000174
2112 Mar	0.0000109	5.55	9.62	0.0676	0.00191	18.6	0.00905	0.0191	0.000168	0.000527	0.000352	0.287	0.00000295	0.000898	0.000577	0.00159	0.000174
2112 Apr	0.0000109	5.55	9.62	0.0676	0.00191	18.6	0.00905	0.0191	0.000168	0.000527	0.000352	0.287	0.00000295	0.000898	0.000577	0.00159	0.000174
2112 May	0.000011	5.56	9.64	0.0678	0.00192	18.6	0.00907	0.0191	0.000168	0.000528	0.000353	0.287	0.00000295	0.0009	0.000578	0.0016	0.000174
2112 Jun	0.0000111	5.62	9.75	0.0687	0.00194	18.5	0.00917	0.0193	0.00017	0.000535	0.000357	0.29	0.00000295	0.000912	0.000585	0.0016	0.000173
2112 Jul	0.0000111	5.64	9.79	0.0689	0.00195	18.5	0.00921	0.0193	0.00017	0.000537	0.000359	0.291	0.00000296	0.000916	0.000586	0.0016	0.000174
2112 Aug	0.0000111	5.65	9.81	0.069	0.00195	18.5	0.00922	0.0193	0.000171	0.000538	0.000359	0.292	0.00000296	0.000917	0.000587	0.00161	0.000174
2112 Sep	0.0000111	5.65	9.81	0.069	0.00195	18.5	0.00922	0.0193	0.000171	0.000538	0.000359	0.292	0.00000296	0.000917	0.000587	0.00161	0.000174
2112 Oct	0.0000111	5.65	9.8	0.069	0.00195	18.5	0.00922	0.0193	0.000171	0.000537	0.000359	0.292	0.00000296	0.000917	0.000587	0.00161	0.000174
2112 Nov	0.0000111	5.65	9.8	0.069	0.00195	18.5	0.00922	0.0193	0.000171	0.000537	0.000359	0.292	0.00000296	0.000917	0.000587	0.00161	0.000174
2112 Dec	0.0000111	5.65	9.81	0.069	0.00195	18.5	0.00922	0.0193	0.000171	0.000537	0.000359	0.292	0.00000296	0.000917	0.000587	0.00161	0.000174
2113 Jan	0.0000111	5.65	9.81	0.069	0.00195	18.5	0.00922	0.0193	0.000171	0.000537	0.000359	0.292	0.00000296	0.000917	0.000587	0.00161	0.000174
2113 Feb	0.0000111	5.65	9.81	0.069	0.00195	18.5	0.00922	0.0193	0.000171	0.000537	0.000359	0.292	0.00000296	0.000917	0.000587	0.00161	0.000174
2113 Mar	0.0000111	5.65	9.81	0.069	0.00195	18.5	0.00922	0.0193	0.000171	0.000538	0.000359	0.292	0.00000296	0.000917	0.000587	0.00161	0.000174
2113 Apr	0.0000111	5.65	9.81	0.069	0.00195	18.5	0.00922	0.0194	0.000171	0.000538	0.000359	0.292	0.00000296	0.000917	0.000588	0.00161	0.000174
2113 May	0.0000112	5.66	9.82	0.0691	0.00196	18.5	0.00923	0.0194	0.000171	0.000538	0.00036	0.292	0.00000296	0.000918	0.000588	0.00161	0.000174
2113 Jun	0.0000112	5.69	9.88	0.0696	0.00197	18.4	0.00929	0.0194	0.000172	0.000542	0.000362	0.294	0.00000297	0.000925	0.000592	0.00161	0.000174
2113 Jul	0.0000112	5.71	9.91	0.0698	0.00197	18.5	0.00931	0.0195	0.000172	0.000543	0.000363	0.295	0.00000297	0.000927	0.000593	0.00162	0.000175
2113 Aug	0.0000113	5.71	9.92	0.0699	0.00198	18.5	0.00933	0.0195	0.000172	0.000544	0.000364	0.295	0.00000298	0.000928	0.000594	0.00162	0.000175
2113 Sep	0.0000113	5.71	9.92	0.0699	0.00198	18.5	0.00932	0.0195	0.000172	0.000544	0.000363	0.295	0.00000297	0.000928	0.000594	0.00162	0.000175
2113 Oct	0.0000113	5.73	9.95	0.0701	0.00198	18.4	0.00936	0.0195	0.000173	0.000546	0.000365	0.296	0.00000297	0.000932	0.000595	0.00162	0.000175
2113 Nov	0.0000113	5.74	9.97	0.0702	0.00199	18.4	0.00937	0.0195	0.000173	0.000546	0.000365	0.296	0.00000297	0.000933	0.000596	0.00162	0.000175

Appendix D.3-3: WES

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2113 Dec	0.0000113	5.74	9.97	0.0702	0.00199	18.4	0.00937	0.0195	0.000173	0.000546	0.000365	0.296	0.00000297	0.000933	0.000596	0.00162	0.000175
2114 Jan	0.0000113	5.74	9.97	0.0702	0.00199	18.4	0.00937	0.0195	0.000173	0.000546	0.000365	0.296	0.00000297	0.000933	0.000596	0.00162	0.000175
2114 Feb	0.0000113	5.74	9.97	0.0702	0.00199	18.4	0.00937	0.0195	0.000173	0.000546	0.000365	0.296	0.00000297	0.000933	0.000596	0.00162	0.000175
2114 Mar	0.0000113	5.74	9.97	0.0702	0.00199	18.4	0.00937	0.0195	0.000173	0.000546	0.000365	0.296	0.00000297	0.000933	0.000596	0.00162	0.000175
2114 Apr	0.0000113	5.74	9.97	0.0702	0.00199	18.4	0.00937	0.0195	0.000173	0.000547	0.000365	0.296	0.00000297	0.000934	0.000596	0.00162	0.000175
2114 May	0.0000113	5.75	10	0.0704	0.00199	18.4	0.00939	0.0196	0.000173	0.000548	0.000366	0.297	0.00000298	0.000936	0.000597	0.00162	0.000175
2114 Jun	0.0000114	5.78	10	0.0708	0.002	18.4	0.00944	0.0197	0.000174	0.000551	0.000368	0.298	0.00000298	0.000941	0.000601	0.00162	0.000175
2114 Jul	0.0000114	5.8	10.1	0.071	0.00201	18.4	0.00947	0.0197	0.000175	0.000552	0.000369	0.299	0.00000299	0.000944	0.000602	0.00163	0.000176
2114 Aug	0.0000115	5.81	10.1	0.0712	0.00202	18.5	0.00949	0.0198	0.000175	0.000554	0.00037	0.3	0.000003	0.000946	0.000604	0.00163	0.000176
2114 Sep	0.0000115	5.81	10.1	0.0712	0.00201	18.4	0.00949	0.0198	0.000175	0.000553	0.00037	0.3	0.000003	0.000946	0.000603	0.00163	0.000176
2114 Oct	0.0000114	5.8	10.1	0.0711	0.00201	18.4	0.00948	0.0197	0.000175	0.000553	0.00037	0.299	0.00000299	0.000945	0.000603	0.00163	0.000176
2114 Nov	0.0000114	5.8	10.1	0.0711	0.00201	18.4	0.00948	0.0197	0.000175	0.000553	0.00037	0.299	0.00000299	0.000945	0.000603	0.00163	0.000176
2114 Dec	0.0000114	5.8	10.1	0.0711	0.00201	18.4	0.00948	0.0197	0.000175	0.000553	0.00037	0.299	0.00000299	0.000945	0.000603	0.00163	0.000176
2115 Jan	0.0000114	5.8	10.1	0.0711	0.00201	18.4	0.00948	0.0197	0.000175	0.000553	0.00037	0.299	0.00000299	0.000945	0.000603	0.00163	0.000176
2115 Feb	0.0000114	5.81	10.1	0.0711	0.00201	18.4	0.00948	0.0197	0.000175	0.000553	0.00037	0.3	0.00000299	0.000945	0.000603	0.00163	0.000176
2115 Mar	0.0000114	5.81	10.1	0.0711	0.00201	18.4	0.00948	0.0197	0.000175	0.000553	0.00037	0.3	0.00000299	0.000945	0.000603	0.00163	0.000176
2115 Apr	0.0000114	5.81	10.1	0.0712	0.00201	18.4	0.00948	0.0197	0.000175	0.000553	0.00037	0.3	0.00000299	0.000945	0.000603	0.00163	0.000176
2115 May	0.0000115	5.81	10.1	0.0713	0.00202	18.4	0.0095	0.0198	0.000175	0.000554	0.00037	0.3	0.00000299	0.000947	0.000604	0.00163	0.000176
2115 Jun	0.0000115	5.83	10.1	0.0715	0.00202	18.4	0.00953	0.0198	0.000176	0.000556	0.000372	0.301	0.000003	0.000951	0.000606	0.00164	0.000176
2115 Jul	0.0000115	5.85	10.2	0.0717	0.00203	18.4	0.00955	0.0199	0.000176	0.000557	0.000373	0.302	0.000003	0.000953	0.000607	0.00164	0.000176
2115 Aug	0.0000115	5.84	10.2	0.0717	0.00203	18.4	0.00955	0.0199	0.000176	0.000557	0.000372	0.302	0.000003	0.000952	0.000607	0.00164	0.000176
2115 Sep	0.0000115	5.84	10.2	0.0717	0.00203	18.4	0.00955	0.0199	0.000176	0.000557	0.000372	0.302	0.000003	0.000952	0.000607	0.00164	0.000176
2115 Oct	0.0000115	5.85	10.2	0.0717	0.00203	18.4	0.00955	0.0199	0.000176	0.000557	0.000373	0.302	0.000003	0.000952	0.000607	0.00164	0.000176
2115 Nov	0.0000115	5.85	10.2	0.0718	0.00203	18.4	0.00957	0.0199	0.000176	0.000558	0.000373	0.302	0.000003	0.000954	0.000608	0.00164	0.000176
2115 Dec	0.0000115	5.86	10.2	0.0718	0.00203	18.4	0.00957	0.0199	0.000176	0.000558	0.000373	0.302	0.000003	0.000954	0.000608	0.00164	0.000177
2116 Jan	0.0000115	5.86	10.2	0.0718	0.00203	18.4	0.00957	0.0199	0.000176	0.000558	0.000373	0.302	0.000003	0.000954	0.000608	0.00164	0.000177
2116 Feb	0.0000115	5.86	10.2	0.0718	0.00203	18.4	0.00957	0.0199	0.000176	0.000558	0.000373	0.302	0.000003	0.000954	0.000608	0.00164	0.000177
2116 Mar	0.0000115	5.86	10.2	0.0718	0.00203	18.4	0.00957	0.0199	0.000176	0.000558	0.000373	0.302	0.000003	0.000954	0.000608	0.00164	0.000177
2116 Apr	0.0000115	5.86	10.2	0.0718	0.00203	18.4	0.00957	0.0199	0.000176	0.000558	0.000373	0.302	0.000003	0.000955	0.000608	0.00164	0.000177
2116 May	0.0000116	5.86	10.2	0.0719	0.00204	18.4	0.00958	0.0199	0.000176	0.000559	0.000374	0.303	0.00000301	0.000956	0.000609	0.00164	0.000177
2116 Jun	0.0000117	5.92	10.3	0.0727	0.00206	18.3	0.00967	0.02	0.000178	0.000564	0.000378	0.305	0.00000301	0.000966	0.000614	0.00165	0.000177
2116 Jul	0.0000117	5.94	10.3	0.073	0.00207	18.3	0.00971	0.0201	0.000178	0.000566	0.000379	0.306	0.00000302	0.00097	0.000616	0.00165	0.000177
2116 Aug	0.0000117	5.95	10.4	0.0731	0.00207	18.4	0.00973	0.0201	0.000179	0.000568	0.00038	0.307	0.00000302	0.000972	0.000617	0.00165	0.000177
2116 Sep	0.0000117	5.95	10.4	0.0731	0.00207	18.3	0.00972	0.0201	0.000179	0.000567	0.00038	0.307	0.00000302	0.000971	0.000617	0.00165	0.000177
2116 Oct	0.0000117	5.95	10.4	0.0732	0.00207	18.3	0.00974	0.0201	0.000179	0.000568	0.00038	0.307	0.00000302	0.000973	0.000618	0.00165	0.000177
2116 Nov	0.0000117	5.96	10.4	0.0732	0.00207	18.3	0.00974	0.0201	0.000179	0.000568	0.00038	0.307	0.00000302	0.000973	0.000618	0.00165	0.000177
2116 Dec	0.0000117	5.96	10.4	0.0732	0.00207	18.3	0.00974	0.0201	0.000179	0.000568	0.00038	0.307	0.00000302	0.000973	0.000618	0.00165	0.000177
2117 Jan	0.0000117	5.96	10.4	0.0732	0.00207	18.3	0.00974	0.0201	0.000179	0.000568	0.00038	0.307	0.00000302	0.000973	0.000618	0.00165	0.000177
2117 Feb	0.0000117	5.96	10.4	0.0732	0.00207	18.3	0.00974	0.0201	0.000179	0.000568	0.00038	0.307	0.00000302	0.000973	0.000618	0.00165	0.000177
2117 Mar	0.0000117	5.96	10.4	0.0732	0.00207	18.3	0.00974	0.0201	0.000179	0.000568	0.00038	0.307	0.00000302	0.000973	0.000618	0.00165	0.000177
2117 Apr	0.0000117	5.96	10.4	0.0732	0.00207	18.3	0.00974	0.0201	0.000179	0.000569	0.00038	0.307	0.00000302	0.000974	0.000618	0.00165	0.000177
2117 May	0.0000118	5.96	10.4	0.0733	0.00208	18.3	0.00975	0.0201	0.000179	0.000569	0.000381	0.307	0.00000302	0.000974	0.000619	0.00165	0.000177
2117 Jun	0.0000118	5.98	10.4	0.0736	0.00208	18.3	0.00978	0.0202	0.00018	0.000571	0.000382	0.308	0.00000302	0.000978	0.000621	0.00166	0.000178
2117 Jul	0.0000118	6	10.4	0.0738	0.00209	18.3	0.00981	0.0202	0.00018	0.000572	0.000383	0.309	0.00000303	0.00098	0.000622	0.00166	0.000178
2117 Aug	0.0000118	6.01	10.5	0.0739	0.00209	18.4	0.00982	0.0203	0.00018	0.000573	0.000384	0.31	0.00000304	0.000982	0.000623	0.00166	0.000178
2117 Sep	0.0000119	6.01	10.5	0.0739	0.00209	18.4	0.00983	0.0203	0.00018	0.000573	0.000384	0.31	0.00000304	0.000982	0.000623	0.00166	0.000178
2117 Oct	0.0000118	6.01	10.5	0.0739	0.00209	18.4	0.00982	0.0203	0.00018	0.000573	0.000384	0.31	0.00000304	0.000982	0.000623	0.00166	0.000178
2117 Nov	0.0000118	6	10.5	0.0739	0.00209	18.4	0.00982	0.0203	0.00018	0.000573	0.000383	0.31	0.00000303	0.000981	0.000623	0.00166	0.000178
2117 Dec	0.0000118	6	10.5	0.0739	0.00209	18.3	0.00982	0.0203	0.00018	0.000573	0.000383	0.31	0.00000303	0.000981	0.000623	0.00166	0.000178
2118 Jan	0.0000118	6	10.5	0.0739	0.00209	18.3	0.00982	0.0203	0.00018	0.000573	0.000383	0.31	0.00000303	0.000981	0.000623	0.00166	0.000178
2118 Feb	0.0000118	6	10.5	0.0739	0.00209	18.3	0.00982	0.0203	0.00018	0.000573	0.000383	0.31	0.00000303	0.000981	0.000623	0.00166	0.000178
2118 Mar	0.0000118	6	10.5	0.0739	0.00209	18.4	0.00982	0.0203	0.00018	0.000573	0.000383	0.31	0.00000303	0.000981	0.000623	0.00166	0.000178
2118 Apr	0.0000118	6.01	10.5	0.0739	0.00209	18.4	0.00982	0.0203	0.00018	0.000573	0.000384	0.31	0.00000304	0.000982	0.000623	0.00166	0.000178
2118 May	0.0000119	6.01	10.5	0.074	0.00209	18.3	0.00983	0.0203	0.000181	0.000574	0.000384	0.31	0.00000303	0.000982	0.000624	0.00166	0.000178
2118 Jun	0.0000119	6.05	10.5	0.0745	0.00211	18.2	0.00989	0.0204	0.000182	0.000577	0.000386	0.312	0.00000303	0.00099	0.000628	0.00167	0.000178
2118 Jul	0.000012	6.06	10.6	0.0747	0.00211	18.3	0.00992	0.0204	0.000182	0.000579	0.000388	0.313	0.00000304	0.000993	0.000629	0.00167	0.000179
2118 Aug	0.000012	6.06	10.6	0.0747	0.00211	18.3	0.00992	0.0204	0.000182	0.000579	0.000388	0.313	0.00000304	0.000992	0.000629	0.00167	0.000178
2118 Sep	0.000012	6.08	10.6	0.0749	0.00212	18.2	0.00995	0.0204	0.000182	0.000581	0.000389	0.313	0.00000304	0.000995	0.00063	0.00167	0.000179
2118 Oct	0.000012	6.1	10.6	0.0752	0.00213	18.2	0.00999	0.0205	0.000183	0.000583	0.00039	0.314	0.00000304	0.001	0.000633	0.00167	0.000179
2118 Nov	0.0000121	6.11	10.7	0.0753	0.00213	18.1	0.01	0.0205	0.000183	0.000584	0.000391	0.315	0.00000304	0.001	0.000633	0.00167	0.000179
2118 Dec	0.0000121	6.11	10.7	0.0753	0.00213	18.1	0.01	0.0205	0.000183	0.000584	0.000391	0.315	0.00000304	0.001	0.000633	0.00167	0.000179
2119 Jan	0.0000121	6.11	10.7	0.0753	0.00213	18.1	0.01	0.0205	0.000183	0.000584	0.000391	0.315	0.00000304	0.001	0.000633	0.00167	0.000179
2119 Feb	0.0000121	6.11	10.7	0.0753	0.00213	18.1	0.01	0.0205	0.000183	0.000584	0.000391	0.315	0.00000304	0.001	0.000633	0.00167	0.000179
2119 Mar	0.0000121	6.11	10.7	0.0754	0.00213	18.1	0.01	0.0205	0.000183	0.000584	0.000391	0.315	0.00000304	0.001	0.000633	0.00167	0.000179
2119 Apr	0.0000121	6.11	10.7	0.0754	0.00214	18.1	0.01	0.0205	0.000183	0.000584	0.000391	0.315	0.00000304	0.001	0.000634	0.00167	0.000179
2119 May	0.0000121	6.13	10.7	0.0757	0.00214	18.1	0.01	0.0205	0.000184	0.000586	0.000392	0.316	0.00000304	0.00101	0.000636	0.00168	0.000179
2119 Jun	0.0000121	6.15	10.7	0.0759	0.00215	18.1	0.0101	0.0206	0.000184	0.000588	0.000394	0.317	0.00000305	0.00101	0.000637	0.00168	0.000179
2119 Jul	0.0000122	6.16	10.8	0.0761	0.00216	18.1	0.0101	0.0206	0.000185	0.000589	0.000395	0.318	0.00000305	0.00101	0.000639	0.00168	0.000179
2119 Aug	0.0000122	6.17	10.8	0.0762	0.00216	18.1	0.0101	0.0207	0.000185	0.00059	0.000395	0.318	0.00000306	0.00101	0.00064	0.00168	0.000179
2119 Sep	0.0000122	6.17	10.8	0.0762	0.00216	18.1	0.0101	0.0207	0.000185	0.00059	0.000395	0.318	0.00000305	0.00101	0.000639	0.00168	0.000179
2119 Oct	0.0000122	6.18	10.8	0.0764	0.00216	18.1	0.0101	0.0207	0.000185	0.000591	0.000396	0.319	0.00000305	0.00102	0.000641	0.00168	0.00018
2119 Nov	0.0000122	6.19	10.8	0.0765	0.00217	18.1	0.0101	0.0207	0.000185	0.000592	0.000397	0.319	0.00000305	0.00102	0.000641	0.00168	0.00018
2119 Dec	0.0000122	6.19	10.8	0.0765	0.00217	18.1	0.0101	0.0207	0.000185	0.000592	0.000397	0.319	0.00000305	0.00102	0.000641	0.00168	0.00018

Appendix D.3-4: FZONE

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2044-2119): Min	183	0.0606	0.0833	0.00251	21.5	0.0406	43.6	0.000927	0.000914	0.00000482	0.00459	0.00122	0.0369	0.0118	0.00000497	18.9	0.0000173	0.000231	0.000199	0.00118	0.027
Post Closure (2044-2119): Mean	231	0.0805	0.169	0.00397	32.5	0.0454	53.2	0.00111	0.000939	0.00000488	0.00633	0.00154	0.0451	0.0202	0.0000051	25.8	0.0000217	0.000453	0.000313	0.00134	0.0548
Post Closure (2044-2119): Max	488	0.214	0.754	0.0136	95.8	0.0537	65.4	0.00145	0.000958	0.00000497	0.00674	0.00218	0.0589	0.0243	0.00000528	31.6	0.0000234	0.000843	0.00038	0.00155	0.0653
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	-	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.005***	***variable***	***1.06***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																					
Model Predictions (2044-2119)																					
2044 Jan	488	0.214	0.754	0.0136	95.7	0.0513	64.2	0.000929	0.000929	0.00000485	0.00459	0.00152	0.0507	0.0118	0.00000515	19.2	0.0000173	0.000232	0.000199	0.00134	0.027
2044 Feb	488	0.214	0.754	0.0136	95.7	0.0513	64.2	0.000929	0.000929	0.00000485	0.00459	0.00152	0.0507	0.0118	0.00000515	19.2	0.0000173	0.000232	0.000199	0.00134	0.027
2044 Mar	488	0.214	0.754	0.0136	95.7	0.0513	64.2	0.000929	0.000929	0.00000485	0.00459	0.00152	0.0507	0.0118	0.00000515	19.2	0.0000173	0.000232	0.000199	0.00134	0.027
2044 Apr	488	0.214	0.754	0.0136	95.7	0.0513	64.2	0.000929	0.000929	0.00000485	0.00459	0.00152	0.0507	0.0118	0.00000515	19.2	0.0000173	0.000232	0.000199	0.00134	0.027
2044 May	488	0.214	0.754	0.0136	95.8	0.0514	64.3	0.00093	0.00093	0.00000485	0.0046	0.00152	0.0507	0.0118	0.00000515	19.3	0.0000173	0.000232	0.000199	0.00134	0.027
2044 Jun	464	0.202	0.706	0.0128	90.3	0.0496	61.1	0.000927	0.000927	0.00000483	0.0047	0.00148	0.0482	0.0121	0.00000511	19	0.0000173	0.000231	0.000199	0.00131	0.0285
2044 Jul	456	0.198	0.69	0.0126	88.6	0.0491	60.2	0.000928	0.000928	0.00000483	0.00475	0.00147	0.0476	0.0122	0.00000511	18.9	0.0000174	0.000232	0.0002	0.0013	0.029
2044 Aug	458	0.199	0.693	0.0126	89	0.0494	60.7	0.000931	0.000931	0.00000484	0.00477	0.00148	0.0479	0.0123	0.00000512	19.1	0.0000175	0.000233	0.0002	0.00131	0.0291
2044 Sep	460	0.199	0.695	0.0126	89.5	0.0497	61.4	0.000929	0.000929	0.00000483	0.00477	0.00148	0.0484	0.0123	0.00000512	19.2	0.0000176	0.000234	0.000201	0.00131	0.0291
2044 Oct	462	0.2	0.697	0.0127	89.9	0.0499	61.9	0.000929	0.000929	0.00000483	0.00478	0.00148	0.0488	0.0123	0.00000512	19.3	0.0000176	0.000234	0.000202	0.00132	0.0291
2044 Nov	462	0.2	0.698	0.0127	90	0.05	62.1	0.000929	0.000929	0.00000483	0.00478	0.00148	0.0489	0.0123	0.00000512	19.3	0.0000177	0.000235	0.000202	0.00132	0.0291
2044 Dec	462	0.2	0.698	0.0127	90	0.05	62.1	0.000929	0.000929	0.00000483	0.00478	0.00148	0.0489	0.0123	0.00000512	19.3	0.0000177	0.000235	0.000202	0.00132	0.0291
2045 Jan	462	0.2	0.698	0.0127	90	0.05	62.1	0.000929	0.000929	0.00000483	0.00478	0.00148	0.0489	0.0123	0.00000512	19.3	0.0000177	0.000235	0.000202	0.00132	0.0291
2045 Feb	462	0.2	0.698	0.0127	90	0.05	62.1	0.000929	0.000929	0.00000483	0.00478	0.00148	0.0489	0.0123	0.00000512	19.3	0.0000177	0.000235	0.000202	0.00132	0.0291
2045 Mar	462	0.2	0.698	0.0127	90	0.05	62.1	0.000929	0.000929	0.00000483	0.00478	0.00148	0.0489	0.0123	0.00000512	19.3	0.0000177	0.000235	0.000202	0.00132	0.0291
2045 Apr	462	0.2	0.698	0.0127	90	0.05	62.1	0.000929	0.000929	0.00000483	0.00479	0.00148	0.0489	0.0123	0.00000512	19.3	0.0000177	0.000235	0.000202	0.00132	0.0291
2045 May	462	0.2	0.698	0.0127	90	0.05	62.1	0.000929	0.000929	0.00000484	0.00479	0.00148	0.049	0.0123	0.00000512	19.4	0.0000177	0.000235	0.000202	0.00132	0.0292
2045 Jun	453	0.194	0.678	0.0123	88.2	0.0499	62.4	0.000928	0.000928	0.00000482	0.00489	0.00147	0.0491	0.0124	0.00000511	19.6	0.000018	0.000237	0.000203	0.00132	0.0299
2045 Jul	446	0.19	0.662	0.012	86.5	0.0495	61.8	0.00093	0.00093	0.00000483	0.00494	0.00146	0.0486	0.0125	0.00000511	19.6	0.0000181	0.000238	0.000204	0.00131	0.0304
2045 Aug	448	0.191	0.664	0.0121	86.9	0.0498	62.3	0.000931	0.000931	0.00000483	0.00496	0.00146	0.0489	0.0125	0.00000512	19.7	0.0000182	0.000239	0.000204	0.00132	0.0304
2045 Sep	450	0.191	0.666	0.0121	87.2	0.05	62.8	0.000931	0.000931	0.00000483	0.00496	0.00146	0.0493	0.0125	0.00000512	19.8	0.0000183	0.000239	0.000205	0.00132	0.0304
2045 Oct	451	0.191	0.668	0.0121	87.5	0.0501	63.2	0.000931	0.000931	0.00000483	0.00497	0.00146	0.0496	0.0125	0.00000513	19.9	0.0000184	0.00024	0.000205	0.00132	0.0305
2045 Nov	451	0.192	0.668	0.0121	87.5	0.0502	63.3	0.000931	0.000931	0.00000484	0.00497	0.00146	0.0497	0.0125	0.00000513	19.9	0.0000184	0.00024	0.000206	0.00133	0.0305
2045 Dec	451	0.192	0.668	0.0121	87.6	0.0502	63.3	0.000931	0.000931	0.00000484	0.00497	0.00146	0.0497	0.0125	0.00000513	19.9	0.0000184	0.00024	0.000206	0.00133	0.0305
2046 Jan	451	0.192	0.668	0.0121	87.6	0.0502	63.3	0.000931	0.000931	0.00000484	0.00497	0.00146	0.0497	0.0125	0.00000513	19.9	0.0000184	0.00024	0.000206	0.00133	0.0305
2046 Feb	451	0.192	0.668	0.0121	87.6	0.0502	63.3	0.000931	0.000931	0.00000484	0.00497	0.00146	0.0497	0.0125	0.00000513	19.9	0.0000184	0.00024	0.000206	0.00133	0.0305
2046 Mar	451	0.192	0.668	0.0121	87.6	0.0502	63.3	0.000931	0.000931	0.00000484	0.00497	0.00146	0.0497	0.0125	0.00000513	19.9	0.0000184	0.00024	0.000206	0.00133	0.0305
2046 Apr	452	0.192	0.668	0.0122	87.6	0.0502	63.3	0.000931	0.000931	0.00000484	0.00497	0.00146	0.0497	0.0125	0.00000513	19.9	0.0000184	0.00024	0.000206	0.00133	0.0305
2046 May	452	0.192	0.669	0.0122	87.7	0.0503	63.4	0.000932	0.000932	0.00000484	0.00498	0.00147	0.0498	0.0125	0.00000513	19.9	0.0000184	0.000241	0.000206	0.00133	0.0305
2046 Jun	434	0.182	0.631	0.0115	83.5	0.0491	61.4	0.000933	0.000933	0.00000484	0.00509	0.00143	0.0482	0.0126	0.00000512	19.7	0.0000186	0.00024	0.000204	0.0013	0.0313
2046 Jul	417	0.173	0.595	0.011	79.4	0.0477	58.9	0.000934	0.000934	0.00000483	0.00517	0.0014	0.0462	0.0127	0.0000051	19.4	0.0000186	0.000238	0.000202	0.00127	0.0321
2046 Aug	419	0.173	0.598	0.011	79.8	0.0479	59.4	0.000936	0.000936	0.00000484	0.00518	0.00141	0.0466	0.0127	0.00000511	19.5	0.0000187	0.000239	0.000202	0.00128	0.0322
2046 Sep	421	0.174	0.601	0.011	80.3	0.0483	60.4	0.000934	0.000934	0.00000483	0.00519	0.00141	0.0473	0.0127	0.00000511	19.7	0.0000188	0.00024	0.000204	0.00129	0.0321
2046 Oct	422	0.174	0.601	0.011	80.5	0.0486	61.1	0.000933	0.000933	0.00000483	0.00521	0.00141	0.0478	0.0127	0.00000511	19.8	0.0000189	0.000242	0.000204	0.00129	0.0322
2046 Nov	423	0.174	0.602	0.011	80.7	0.0488	61.5	0.000933	0.000933	0.00000483	0.00521	0.00141	0.0481	0.0127	0.00000511	19.9	0.000019	0.000242	0.000205	0.0013	0.0322
2046 Dec	423	0.174	0.602	0.011	80.7	0.0488	61.5	0.000933	0.000933	0.00000483	0.00521	0.00141	0.0481	0.0127	0.00000511	19.9	0.000019	0.000242	0.000205	0.0013	0.0322
2047 Jan	423	0.174	0.602	0.011	80.7	0.0488	61.5	0.000933	0.000933	0.00000483	0.00521	0.00141	0.0481	0.0127	0.00000511	19.9	0.000019	0.000242	0.000205	0.0013	0.0322
2047 Feb	423	0.174	0.602	0.011	80.7	0.0488	61.5	0.000933	0.000933	0.00000483	0.00521	0.00141	0.0481	0.0127	0.00000511	19.9	0.000019	0.000242	0.000205	0.0013	0.0322
2047 Mar	423	0.174	0.602	0.011	80.7	0.0488	61.5	0.000933	0.000933	0.00000483	0.00521	0.00141	0.0482	0.0127	0.00000511	19.9	0.000019	0.000242	0.000205	0.0013	0.0322
2047 Apr	423	0.174	0.603	0.011	80.7	0.0488	61.5	0.000933	0.000933	0.00000483	0.00521	0.00141	0.0482	0.0127	0.00000511	19.9	0.000019	0.000242	0.000205	0.0013	0.0322
2047 May	421	0.173	0.599	0.011	80.4	0.0487	61.4	0.000934	0.000934	0.00000483	0.00523	0.00141	0.0481	0.0128	0.00000511	20	0.000019	0.000243	0.000206	0.0013	0.0324
2047 Jun	399	0.163	0.554	0.0102	75.5	0.0471	58.4	0.000935	0.000934	0.00000482	0.00532	0.00139	0.0457	0.0133	0.00000509	19.9	0.0000191	0.000244	0.000211	0.00127	0.0344
2047 Jul	401	0.163	0.556	0.0103	75.8	0.0473	58.8	0.000937	0.000937	0.00000484	0.00534	0.00139	0.046	0.0134	0.0000051	20	0.0000192	0.000245	0.000212	0.00128	0.0345
2047 Aug	403	0.164	0.558	0.0103	76.1	0.0476	59.3	0.000939	0.000938	0.00000485	0.00536	0.0014	0.0464	0.0134	0.00000511	20.1	0.0000192	0.000246	0.000213	0.00128	0.0346
2047 Sep	405	0.164	0.561	0.0104	76.6	0.048	60.3	0.000938	0.000938	0.00000484	0.00537	0.0014	0.0471	0.0134	0.00000511	20.3	0.0000194	0.000248	0.000214	0.00129	0.0346
2047 Oct	407	0.165	0.563	0.0104	77	0.0484	61.2	0.000937	0.000936	0.00000484	0.00538	0.0014	0.0478	0.0134	0.00000511	20.5	0.0000195	0.000249	0.000215	0.0013	0.0346
2047 Nov	408	0.165	0.564	0.0104	77.2	0.0485	61.6	0.000936	0.000936	0.00000483	0.00538	0.0014	0.0481	0.0134	0.00000511	20.6	0.0000195	0.00025	0.000215	0.0013	0.0346
2047 Dec	408	0.165	0.564	0.0104	77.2	0.0485	61.6	0.000936	0.000936	0.00000483	0.00538	0.0014	0.0481	0.0134	0.00000511	20.6	0.0000195	0.00025	0.000215	0.0013	0.0346
2048 Jan	408	0.165	0.564	0.0104	77.2	0.0486	61.6	0.000936	0.000936	0.00000483	0.00538	0.0014	0.0481	0.0134	0.00000511	20.6	0.0000195	0.00025	0.000215	0.0013	0.0346
2048 Feb	408	0.165	0.564	0.0104	77.2	0.0486	61.6	0.000936	0.000936	0.00000483	0.00538	0.0014	0.0481	0.0134	0.00000511	20.6	0.0000195	0.00025	0.000215	0.0013	0.0346
2048 Mar	408	0.165	0.564	0.0104	77.2	0.0486	61.6	0.000936	0.000936	0.00000483	0.00538	0.0014	0.0481	0.0134	0.00000511	20.6	0.0000195	0.00025	0.000215	0.0013	0.0346
2048 Apr	408	0.165	0.564	0.0104	77.2	0.0486	61.6	0.000937	0.000936	0.00000484	0.00538	0.0014	0.0481	0.0134	0.00000511	20.6	0.0000195	0.00025	0.000215	0.0013	0.0346
2048 May	408	0.165	0.565	0.0104	77.3	0.0486	61.7	0.000937	0.000937	0.00000484	0.00539	0.00141	0.0482	0.0134	0.00000512	20.6	0.0000196	0.00025	0.000215	0.0013	0.0346
2048 Jun	387	0.156	0.526	0.00976	72.7	0.0469	58.1	0.00094	0.000939	0.00000484	0.00547	0.00138	0.0455	0.0136	0.0000051	20.2	0.0000195	0.000248	0.000214	0.00127	0.0357
2048 Jul	370	0.148	0.493	0.00923	69	0.0455	55.3	0.000942	0.000941	0.00000485	0.00554	0.00135	0.0434	0.0138	0.00000509	19.9	0.0000195	0.000246	0.000213	0.00124	0.0366
2048 Aug	373	0.148	0.496	0.00927	69.4	0.0459	56.2	0.000943	0.000942	0.00000485	0.00555	0.00136	0.0441	0.0138	0.0000051	20.1	0.0000196	0.000248	0.000214	0.00125	0.0366
2048 Sep	375	0.149	0.498	0.00931	69.8	0.0463	57.2	0.000942	0.000941	0.00000485	0.00556	0.00136	0.0449	0.0138	0.0000051	20.3	0.0000197	0.00025	0.000215	0.00126	0.0366
2048 Oct	377	0.149	0.499	0.00932	70.1	0.0466	57.9	0.000941	0.00094	0.00000484	0.00557	0.00136	0.0454	0.0138	0.0000051	20.4	0.0000198	0.000251	0.000216	0.00127	0.0366
2048 Nov	377	0.149	0.5	0.00932	70.1	0.0467	58.1	0.000941	0.00094	0.00000484	0.00558	0.00136	0.0455	0.0138	0.0000051	20.5	0.0000199	0.000251	0.000217	0.00127	0.0366
2048 Dec	377	0.149	0.5	0.00932	70.1	0.0467	58.1	0.000941	0.00094	0.00000484	0.00558	0.00136	0.0456	0.0138	0.0000051	20.5	0.0000199	0.000251	0.000217	0.00127	0.0366
2049 Jan	377	0.149	0.499	0.00932	70.1	0.0467	58.1	0.000941	0.00094	0.00000484	0.00558	0.00136	0.0456	0.0138	0.0000051	20.5	0.0000199	0.000251	0.000217	0.00127	0.0366
2049 Feb	377	0.149	0.499	0.00932	70.1	0.0467	58.1	0.000941	0.00094	0.00000484	0.00558	0.00136	0.0456	0.0138	0.0000051	20.5	0.0000199	0.000251	0.000217	0.00127	0.0366
2049 Mar	377	0.149	0.499	0.00932	70.1	0.0467	58.1	0.000941	0.00094	0.00000484	0.00558	0.00136	0.0456	0.0138	0.0000051	20.5	0.0000199	0.000251	0.000217	0.00127	0.0366
2049 Apr	377	0.149	0.5	0.00932	70.2	0.0467	58.1	0.000941	0.00094	0.00000484	0.00558	0.00136	0.0456	0.0138	0.0000051	20.5	0.0000199	0.000251	0.000217	0.00127	0.0367
2049 May	377	0.149	0.5	0.00933	70.2	0.0468	58.2	0.000942	0.000941	0.00000485	0.00558	0.00136	0.0456	0.0138	0.0000051	20.5	0.0000199	0.000251	0.000217	0.00127	0.0367
2049 Jun	356	0.14	0.462	0.00871	65.8	0.045	54.5	0.000943	0.000942	0.00000485	0.00564	0.00133	0.043	0.0138	0.00000508	19.9	0.0000198	0.000247	0.000213	0.00123	0.0372
2049 Jul	346	0.135	0.443	0.00839	63.6	0.0443	52.9	0.000944	0.000942	0.00000485	0.00568	0.00131	0.0419	0.0139	0.00000507	19.7	0.0000197	0.000246	0.000211	0.00121	0.0375
2049 Aug	348	0.136	0.445	0.00842	63.9	0.0445	53.5	0.000946	0.000944	0.00000486	0.0057	0.00132	0.0423	0.0139	0.00000508	19.8	0.0000198	0.000247	0.000212	0.00122	0.0377
2049 Sep	350	0.136	0.447	0.00845	64.2	0.0449	54.4	0.000945	0.000944	0.00000486	0.00571	0.00132	0.043	0.0139	0.00000509	20	0.00002	0.000249	0.000213	0.00123	0.0376

Appendix D.3-4: FZONE

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2049 Oct	352	0.136	0.448	0.00847	64.5	0.0452	55.2	0.000944	0.000943	0.00000485	0.00572	0.00132	0.0435	0.0139	0.00000508	20.2	0.0000201	0.00025	0.000214	0.00123	0.0376
2049 Nov	352	0.136	0.449	0.00848	64.7	0.0454	55.6	0.000944	0.000942	0.00000485	0.00572	0.00132	0.0439	0.0139	0.00000509	20.3	0.0000201	0.000251	0.000214	0.00124	0.0376
2049 Dec	352	0.136	0.449	0.00848	64.7	0.0455	55.7	0.000944	0.000942	0.00000485	0.00572	0.00132	0.0439	0.0139	0.00000509	20.3	0.0000201	0.000251	0.000214	0.00124	0.0376
2050 Jan	352	0.136	0.449	0.00848	64.7	0.0455	55.7	0.000944	0.000942	0.00000485	0.00572	0.00132	0.0439	0.0139	0.00000509	20.3	0.0000201	0.000251	0.000214	0.00124	0.0376
2050 Feb	352	0.136	0.449	0.00848	64.7	0.0455	55.7	0.000944	0.000942	0.00000485	0.00572	0.00132	0.0439	0.0139	0.00000509	20.3	0.0000201	0.000251	0.000214	0.00124	0.0376
2050 Mar	352	0.136	0.449	0.00848	64.7	0.0455	55.7	0.000944	0.000942	0.00000485	0.00572	0.00132	0.0439	0.0139	0.00000509	20.3	0.0000201	0.000251	0.000214	0.00124	0.0376
2050 Apr	352	0.136	0.449	0.00848	64.7	0.0455	55.7	0.000944	0.000942	0.00000485	0.00572	0.00132	0.0439	0.0139	0.00000509	20.3	0.0000201	0.000251	0.000214	0.00124	0.0376
2050 May	353	0.137	0.45	0.00849	64.7	0.0455	55.7	0.000945	0.000943	0.00000485	0.00573	0.00132	0.044	0.0139	0.00000509	20.3	0.0000202	0.000251	0.000215	0.00124	0.0377
2050 Jun	342	0.132	0.43	0.00816	62.4	0.0445	53.7	0.000945	0.000943	0.00000485	0.00575	0.0013	0.0425	0.0139	0.00000508	19.9	0.0000201	0.000248	0.000212	0.00122	0.0379
2050 Jul	333	0.128	0.414	0.0079	60.6	0.0439	52.3	0.000945	0.000943	0.00000485	0.00578	0.00129	0.0415	0.0139	0.00000506	19.7	0.00002	0.000247	0.00021	0.0012	0.038
2050 Aug	335	0.128	0.416	0.00793	60.8	0.0441	52.8	0.000947	0.000944	0.00000486	0.00579	0.00129	0.0419	0.0139	0.00000507	19.8	0.0000201	0.000248	0.000211	0.00121	0.0381
2050 Sep	337	0.128	0.417	0.00795	61	0.0444	53.5	0.000946	0.000944	0.00000486	0.0058	0.0013	0.0424	0.0139	0.00000508	20	0.0000202	0.000249	0.000211	0.00121	0.0381
2050 Oct	337	0.129	0.418	0.00796	61.2	0.0446	53.8	0.000947	0.000944	0.00000486	0.00581	0.0013	0.0427	0.0139	0.00000508	20	0.0000202	0.000249	0.000212	0.00122	0.0381
2050 Nov	338	0.129	0.418	0.00797	61.3	0.0447	54	0.000947	0.000944	0.00000486	0.00581	0.0013	0.0428	0.0139	0.00000508	20.1	0.0000203	0.00025	0.000212	0.00122	0.0381
2050 Dec	338	0.129	0.418	0.00797	61.3	0.0447	54	0.000947	0.000944	0.00000486	0.00581	0.0013	0.0429	0.0139	0.00000508	20.1	0.0000203	0.00025	0.000212	0.00122	0.0381
2051 Jan	338	0.129	0.418	0.00797	61.3	0.0447	54.1	0.000947	0.000944	0.00000486	0.00581	0.0013	0.0429	0.0139	0.00000508	20.1	0.0000203	0.00025	0.000212	0.00122	0.0381
2051 Feb	338	0.129	0.418	0.00797	61.3	0.0447	54.1	0.000947	0.000944	0.00000486	0.00581	0.0013	0.0429	0.0139	0.00000508	20.1	0.0000203	0.00025	0.000212	0.00122	0.0381
2051 Mar	338	0.129	0.418	0.00797	61.3	0.0447	54.1	0.000947	0.000944	0.00000486	0.00581	0.0013	0.0429	0.0139	0.00000508	20.1	0.0000203	0.00025	0.000212	0.00122	0.0381
2051 Apr	338	0.129	0.419	0.00797	61.3	0.0447	54.1	0.000947	0.000944	0.00000486	0.00581	0.0013	0.0429	0.0139	0.00000508	20.1	0.0000203	0.00025	0.000212	0.00122	0.0381
2051 May	339	0.129	0.419	0.00798	61.4	0.0449	54.5	0.000947	0.000945	0.00000486	0.00582	0.0013	0.0432	0.0139	0.00000509	20.2	0.0000204	0.000251	0.000213	0.00123	0.0382
2051 Jun	319	0.12	0.383	0.00737	57.5	0.0438	52.3	0.000946	0.000943	0.00000485	0.00588	0.00127	0.0419	0.0141	0.00000506	20.1	0.0000204	0.000251	0.000214	0.0012	0.0391
2051 Jul	312	0.117	0.37	0.00716	56	0.0432	51.1	0.000947	0.000943	0.00000485	0.00589	0.00126	0.0409	0.0142	0.00000505	19.9	0.0000203	0.000249	0.000213	0.00119	0.0393
2051 Aug	314	0.117	0.371	0.00718	56.2	0.0434	51.7	0.000947	0.000943	0.00000485	0.0059	0.00126	0.0414	0.0142	0.00000506	20	0.0000204	0.00025	0.000214	0.0012	0.0393
2051 Sep	314	0.117	0.37	0.00715	56.1	0.0436	52	0.000946	0.000942	0.00000485	0.00591	0.00126	0.0416	0.0142	0.00000505	20.1	0.0000205	0.000251	0.000214	0.0012	0.0393
2051 Oct	309	0.115	0.36	0.00697	55	0.0434	51.5	0.000944	0.00094	0.00000484	0.00591	0.00125	0.0413	0.0141	0.00000504	20	0.0000204	0.00025	0.000213	0.00119	0.0393
2051 Nov	309	0.115	0.359	0.00697	55	0.0434	51.6	0.000944	0.000939	0.00000483	0.00591	0.00125	0.0414	0.0141	0.00000504	20.1	0.0000204	0.00025	0.000213	0.00119	0.0393
2051 Dec	309	0.115	0.359	0.00697	55	0.0434	51.7	0.000944	0.000939	0.00000483	0.00592	0.00125	0.0415	0.0141	0.00000504	20.1	0.0000204	0.00025	0.000213	0.00119	0.0393
2052 Jan	309	0.115	0.359	0.00697	55	0.0434	51.6	0.000944	0.000939	0.00000483	0.00592	0.00125	0.0415	0.0141	0.00000504	20.1	0.0000204	0.00025	0.000213	0.00119	0.0393
2052 Feb	309	0.115	0.359	0.00697	55	0.0434	51.6	0.000944	0.000939	0.00000483	0.00592	0.00125	0.0415	0.0141	0.00000504	20.1	0.0000204	0.00025	0.000213	0.00119	0.0393
2052 Mar	309	0.115	0.359	0.00697	55	0.0434	51.7	0.000944	0.000939	0.00000484	0.00592	0.00125	0.0415	0.0141	0.00000504	20.1	0.0000204	0.00025	0.000213	0.00119	0.0393
2052 Apr	309	0.115	0.359	0.00697	55	0.0435	51.7	0.000944	0.00094	0.00000484	0.00592	0.00125	0.0415	0.0141	0.00000504	20.1	0.0000204	0.00025	0.000213	0.00119	0.0393
2052 May	309	0.115	0.359	0.00697	55	0.0435	51.7	0.000944	0.00094	0.00000484	0.00592	0.00125	0.0415	0.0141	0.00000504	20.1	0.0000205	0.00025	0.000213	0.0012	0.0394
2052 Jun	303	0.112	0.348	0.00679	53.8	0.043	50.5	0.000944	0.000939	0.00000483	0.00592	0.00124	0.0406	0.0142	0.00000503	19.9	0.0000203	0.000249	0.000213	0.00118	0.0395
2052 Jul	303	0.112	0.347	0.00677	53.7	0.0432	50.9	0.000945	0.00094	0.00000484	0.00594	0.00124	0.0409	0.0142	0.00000503	20	0.0000204	0.00025	0.000213	0.00119	0.0396
2052 Aug	305	0.112	0.348	0.00678	53.9	0.0434	51.5	0.000946	0.000941	0.00000484	0.00595	0.00125	0.0413	0.0142	0.00000504	20.1	0.0000205	0.000251	0.000214	0.00119	0.0396
2052 Sep	306	0.112	0.349	0.0068	54	0.0437	52.1	0.000945	0.00094	0.00000484	0.00596	0.00125	0.0418	0.0142	0.00000504	20.3	0.0000206	0.000252	0.000215	0.0012	0.0396
2052 Oct	308	0.113	0.35	0.0068	54.1	0.0439	52.7	0.000945	0.00094	0.00000484	0.00596	0.00125	0.0423	0.0142	0.00000504	20.4	0.0000207	0.000253	0.000215	0.00121	0.0396
2052 Nov	308	0.113	0.35	0.00681	54.2	0.044	52.8	0.000945	0.00094	0.00000484	0.00597	0.00125	0.0424	0.0142	0.00000504	20.4	0.0000207	0.000253	0.000216	0.00121	0.0397
2052 Dec	308	0.113	0.35	0.00681	54.2	0.044	52.9	0.000945	0.00094	0.00000484	0.00597	0.00125	0.0424	0.0142	0.00000504	20.4	0.0000207	0.000253	0.000216	0.00121	0.0397
2053 Jan	308	0.113	0.35	0.00681	54.2	0.044	52.9	0.000945	0.00094	0.00000484	0.00597	0.00125	0.0424	0.0142	0.00000504	20.4	0.0000207	0.000253	0.000216	0.00121	0.0397
2053 Feb	308	0.113	0.35	0.00681	54.2	0.044	52.9	0.000945	0.00094	0.00000484	0.00597	0.00125	0.0424	0.0142	0.00000504	20.4	0.0000207	0.000253	0.000216	0.00121	0.0397
2053 Mar	308	0.113	0.35	0.00681	54.2	0.044	52.9	0.000945	0.00094	0.00000484	0.00597	0.00125	0.0424	0.0142	0.00000504	20.4	0.0000207	0.000253	0.000216	0.00121	0.0397
2053 Apr	308	0.113	0.35	0.00681	54.2	0.0441	52.9	0.000945	0.00094	0.00000484	0.00597	0.00125	0.0425	0.0142	0.00000505	20.5	0.0000207	0.000253	0.000216	0.00121	0.0397
2053 May	309	0.113	0.349	0.00679	54.3	0.0446	54.1	0.000945	0.00094	0.00000484	0.00599	0.00126	0.0434	0.0143	0.00000505	20.8	0.0000209	0.000256	0.000218	0.00122	0.0398
2053 Jun	295	0.107	0.325	0.00638	51.6	0.0435	51.7	0.000944	0.000937	0.00000483	0.00599	0.00124	0.0417	0.0146	0.00000502	20.6	0.0000207	0.000255	0.000221	0.0012	0.0408
2053 Jul	294	0.107	0.322	0.00633	51.3	0.0435	51.7	0.000945	0.000939	0.00000483	0.006	0.00124	0.0417	0.0147	0.00000503	20.7	0.0000207	0.000256	0.000222	0.0012	0.041
2053 Aug	296	0.107	0.323	0.00636	51.6	0.0439	52.6	0.000947	0.00094	0.00000484	0.00602	0.00125	0.0423	0.0147	0.00000504	20.9	0.0000208	0.000258	0.000223	0.00121	0.0411
2053 Sep	299	0.108	0.326	0.00639	52	0.0446	54	0.000947	0.000941	0.00000485	0.00605	0.00125	0.0434	0.0147	0.00000505	21.2	0.000021	0.00026	0.000225	0.00123	0.0411
2053 Oct	301	0.108	0.327	0.00641	52.2	0.045	54.9	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0442	0.0147	0.00000506	21.4	0.0000212	0.000262	0.000226	0.00124	0.0412
2053 Nov	301	0.108	0.328	0.00642	52.3	0.0451	55.1	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0443	0.0147	0.00000506	21.4	0.0000212	0.000262	0.000227	0.00124	0.0412
2053 Dec	301	0.108	0.328	0.00642	52.3	0.0451	55.1	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0444	0.0147	0.00000506	21.4	0.0000212	0.000262	0.000227	0.00124	0.0412
2054 Jan	301	0.108	0.328	0.00642	52.3	0.0451	55.1	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0444	0.0147	0.00000506	21.4	0.0000212	0.000262	0.000227	0.00124	0.0412
2054 Feb	301	0.108	0.328	0.00642	52.3	0.0451	55.1	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0444	0.0147	0.00000506	21.4	0.0000212	0.000262	0.000227	0.00124	0.0412
2054 Mar	301	0.108	0.328	0.00642	52.3	0.0451	55.1	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0444	0.0147	0.00000506	21.4	0.0000212	0.000262	0.000227	0.00124	0.0412
2054 Apr	301	0.108	0.328	0.00642	52.3	0.0451	55.2	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0444	0.0147	0.00000506	21.4	0.0000212	0.000262	0.000227	0.00124	0.0412
2054 May	302	0.108	0.328	0.00642	52.3	0.0451	55.2	0.000947	0.000941	0.00000485	0.00607	0.00126	0.0444	0.0148	0.00000506	21.5	0.0000212	0.000262	0.000227	0.00124	0.0412
2054 Jun	297	0.106	0.318	0.00626	51.2	0.0445	54.1	0.000947	0.00094	0.00000484	0.00606	0.00125	0.0435	0.0149	0.00000505	21.4	0.0000211	0.000262	0.000229	0.00123	0.0417
2054 Jul	295	0.105	0.314	0.0062	50.8	0.0444	53.9	0.000947	0.00094	0.00000484	0.00606	0.00125	0.0434	0.015	0.00000504	21.4	0.0000211	0.000263	0.00023	0.00123	0.0419
2054 Aug	297	0.105	0.315	0.00621	50.9	0.0447	54.6	0.000947	0.00094	0.00000484	0.00608	0.00125	0.0439	0.015	0.00000505	21.6	0.0000212	0.000264	0.00023	0.00124	0.0419
2054 Sep	298	0.105	0.315	0.00622	51	0.045	55.2	0.000947	0.00094	0.00000484	0.00608	0.00126	0.0443	0.015	0.00000505	21.7	0.0000213	0.000265	0.000231	0.00124	0.0419
2054 Oct	298	0.105	0.315	0.00621	51	0.0451	55.4	0.000946	0.000939	0.00000484	0.00609	0.00126	0.0445	0.015	0.00000505	21.7	0.0000213	0.000265	0.000232	0.00124	0.0419
2054 Nov	298	0.105	0.314	0.0062	51	0.0451	55.5	0.000946	0.000939	0.00000484	0.00609	0.00126	0.0446	0.015	0.00000505	21.7	0.0000213	0.000265	0.000232	0.00124	0.042
2054 Dec	298	0.105	0.314	0.0062	51	0.0451	55.6	0.000946	0.000939	0.00000484	0.00609	0.00126	0.0446	0.015	0.00000505	21.8	0.0000213	0.000265	0.000232	0.00125	0.042
2055 Jan	298	0.105	0.314	0.0062	51	0.0451	55.6	0.000946	0.000939	0.00000484	0.00609	0.00126	0.0446	0.015	0.00000505	21.8	0.0000213	0.000265	0.000232	0.00125	0.042
2055 Feb	298	0.105	0.314	0.0062	51	0.0451	55.6	0.000946	0.000939	0.00000484	0.00609	0.00126	0.0446	0.015	0.00000505	21.8	0.0000213	0.000265	0.000232	0.00125	0.042
2055 Mar	298	0.105	0.314	0.0062	51	0.0451	55.6	0.000946	0.000939	0.00000484	0.00609	0.00126	0.0446	0.015	0.00000505	21.8	0.0000213	0.000265	0.000232	0.00125	0.042
2055 Apr	298	0.105	0.314	0.0062	51	0.0451	55.6	0.000946	0.000939	0.00000484	0.00609	0.00126	0.0446	0.015	0.00000505	21.8	0.0000214	0.000265	0.000232	0.00125	0.042
2055 May	299	0.105	0.315	0.00621	51	0.0452	55.6	0.000947	0.00094	0.00000484	0.00609	0.00126	0.0447	0.015	0.00000505	21.8	0.0000214	0.000266	0.000232	0.00125	0.042
2055 Jun	282	0.0991	0.289	0.00579	48	0.0436	52.2	0.000947	0.000939	0.00000484	0.00609	0.00123	0.0423	0.015	0.00000503	21.2	0.0000211	0.000262	0.000229	0.00121	0.0423
2055 Jul	275	0.0963	0.278	0.0056	46.6	0.0428	50.3	0.000949	0.00094	0.00000484	0.00608	0.00122	0.0409	0.0151	0.00000502	20.9	0.0000209	0.00026	0.000227	0.00119	0.0424
2055 Aug	276	0.0965	0.278	0.00561	46.7	0.043	50.7	0.00095	0.000941	0.00000485	0.0061	0.00122	0.0412	0.0151	0.00000503	21	0.000021	0.00026	0.000228	0.0012	0.0425
2055 Sep	277	0.0967	0.279	0.00562	46.8	0.0432	51.3	0.00095	0.000941	0.00000485	0.0061	0.00122	0.0416	0.0151	0.00000503	21.1	0.000021	0.000261	0.000228	0.0012	0.0425
2055 Oct	278	0.0968	0.279	0.00563	46.9	0.0434	51.6	0.00095	0.000941	0.00000485	0.00611	0.00123	0.0419	0.0151	0.00000503	21.2	0.0000211	0.000262	0.000229	0.00121	0.0425
2055 Nov	279	0.0968	0.28	0.00563	47	0.0435	51.9	0.00095	0.000941	0.00000485	0.00611	0.00123	0.0421	0.0151	0.00000503	21.2	0.0000211	0.000262	0.000229	0.00121	0.0425
2055 Dec	279	0.0969	0.28	0.00564	47	0.0435	51.9	0.00095	0.000941	0.00000485	0.00611	0.00123	0.0421	0.0151	0.00000503	21.2	0.0000211	0.000262	0.000229	0.00121	0.0425
2056 Jan	279	0.0969	0.28	0.00564	47	0.0435	52	0.00095	0.000941	0.00000485	0.00611	0.00123	0.0422	0.0151	0.00000503	21.2	0.0000211	0.000262	0.000229	0.00121	0.0425
2056 Feb	279	0.0969	0.28	0.00564	47	0.0435	52	0.00095	0.000941	0.00000485	0.00611	0.00123	0.0422	0.0151	0.00000503	21.2	0.0000211	0.000262	0.000229	0.00121	0.0425

Appendix D.3-4: FZONE

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2056 Mar	279	0.0969	0.28	0.00564	47	0.0435	52	0.00095	0.000941	0.00000485	0.00611	0.00123	0.0422	0.0151	0.00000503	21.2	0.0000211	0.000262	0.000229	0.00121	0.0425
2056 Apr	279	0.0969	0.28	0.00564	47	0.0435	52	0.00095	0.000941	0.00000485	0.00612	0.00123	0.0422	0.0151	0.00000503	21.3	0.0000211	0.000262	0.000229	0.00121	0.0425
2056 May	278	0.0967	0.279	0.00562	46.9	0.0435	51.8	0.000951	0.000942	0.00000485	0.00612	0.00123	0.042	0.0151	0.00000504	21.3	0.0000211	0.000263	0.00023	0.00121	0.0427
2056 Jun	269	0.0937	0.264	0.00538	45.3	0.0423	49.5	0.000951	0.000941	0.00000485	0.0061	0.00122	0.0403	0.0154	0.00000502	21.1	0.0000209	0.000262	0.000233	0.00119	0.0435
2056 Jul	270	0.0937	0.264	0.00538	45.3	0.0425	49.8	0.000953	0.000943	0.00000486	0.00611	0.00122	0.0405	0.0155	0.00000503	21.2	0.000021	0.000263	0.000234	0.0012	0.0437
2056 Aug	272	0.094	0.265	0.0054	45.4	0.0428	50.4	0.000953	0.000943	0.00000486	0.00613	0.00123	0.041	0.0155	0.00000504	21.3	0.000021	0.000264	0.000235	0.0012	0.0437
2056 Sep	273	0.0942	0.266	0.00541	45.6	0.0431	51	0.000954	0.000944	0.00000487	0.00614	0.00123	0.0414	0.0155	0.00000504	21.4	0.0000211	0.000266	0.000236	0.00121	0.0438
2056 Oct	275	0.0943	0.267	0.00542	45.7	0.0434	51.8	0.000953	0.000943	0.00000486	0.00615	0.00123	0.042	0.0155	0.00000504	21.6	0.0000212	0.000267	0.000236	0.00122	0.0437
2056 Nov	275	0.0943	0.267	0.00542	45.7	0.0435	52	0.000953	0.000943	0.00000486	0.00615	0.00123	0.0422	0.0155	0.00000504	21.6	0.0000213	0.000267	0.000237	0.00122	0.0437
2056 Dec	275	0.0943	0.267	0.00542	45.7	0.0435	52.1	0.000953	0.000943	0.00000486	0.00615	0.00123	0.0423	0.0155	0.00000504	21.6	0.0000213	0.000267	0.000237	0.00122	0.0437
2057 Jan	275	0.0943	0.267	0.00542	45.7	0.0435	52.1	0.000953	0.000943	0.00000486	0.00615	0.00123	0.0423	0.0155	0.00000504	21.6	0.0000213	0.000267	0.000237	0.00122	0.0437
2057 Feb	275	0.0943	0.267	0.00542	45.7	0.0435	52.1	0.000953	0.000943	0.00000486	0.00615	0.00123	0.0423	0.0155	0.00000504	21.6	0.0000213	0.000267	0.000237	0.00122	0.0437
2057 Mar	275	0.0943	0.267	0.00542	45.7	0.0435	52.1	0.000953	0.000943	0.00000486	0.00615	0.00123	0.0423	0.0155	0.00000504	21.7	0.0000213	0.000267	0.000237	0.00122	0.0437
2057 Apr	275	0.0944	0.267	0.00542	45.7	0.0435	52.1	0.000953	0.000943	0.00000486	0.00615	0.00123	0.0423	0.0155	0.00000504	21.7	0.0000213	0.000267	0.000237	0.00122	0.0437
2057 May	275	0.0944	0.267	0.00543	45.8	0.0436	52.2	0.000954	0.000943	0.00000487	0.00616	0.00123	0.0423	0.0155	0.00000505	21.7	0.0000213	0.000267	0.000237	0.00122	0.0438
2057 Jun	266	0.0912	0.252	0.00519	44	0.0424	49.6	0.000954	0.000943	0.00000486	0.00614	0.00122	0.0405	0.0158	0.00000503	21.4	0.0000211	0.000266	0.000239	0.0012	0.0445
2057 Jul	265	0.0907	0.25	0.00515	43.8	0.0423	49.5	0.000956	0.000944	0.00000487	0.00615	0.00122	0.0404	0.0158	0.00000504	21.4	0.0000211	0.000267	0.000239	0.0012	0.0447
2057 Aug	267	0.0911	0.251	0.00517	44	0.0427	50.1	0.000958	0.000947	0.00000488	0.00617	0.00123	0.0408	0.0159	0.00000505	21.6	0.0000212	0.000268	0.000241	0.00121	0.0448
2057 Sep	269	0.0913	0.252	0.00519	44.1	0.0431	51	0.000959	0.000947	0.00000489	0.00619	0.00123	0.0415	0.0159	0.00000506	21.8	0.0000213	0.00027	0.000242	0.00122	0.0448
2057 Oct	270	0.0914	0.253	0.0052	44.3	0.0435	52	0.000958	0.000947	0.00000488	0.0062	0.00124	0.0423	0.0159	0.00000506	22	0.0000215	0.000271	0.000243	0.00123	0.0448
2057 Nov	271	0.0915	0.253	0.0052	44.3	0.0436	52.2	0.000958	0.000946	0.00000488	0.0062	0.00124	0.0424	0.0159	0.00000506	22	0.0000215	0.000272	0.000243	0.00123	0.0448
2057 Dec	271	0.0915	0.253	0.0052	44.3	0.0436	52.3	0.000958	0.000946	0.00000488	0.00621	0.00124	0.0425	0.0159	0.00000506	22	0.0000215	0.000272	0.000243	0.00123	0.0448
2058 Jan	271	0.0915	0.253	0.0052	44.3	0.0436	52.3	0.000958	0.000946	0.00000488	0.00621	0.00124	0.0425	0.0159	0.00000506	22	0.0000215	0.000272	0.000243	0.00123	0.0448
2058 Feb	271	0.0915	0.253	0.0052	44.3	0.0436	52.3	0.000958	0.000946	0.00000488	0.00621	0.00124	0.0425	0.0159	0.00000506	22	0.0000215	0.000272	0.000243	0.00123	0.0448
2058 Mar	271	0.0915	0.253	0.0052	44.3	0.0436	52.3	0.000958	0.000946	0.00000488	0.00621	0.00124	0.0425	0.0159	0.00000506	22	0.0000215	0.000272	0.000243	0.00123	0.0448
2058 Apr	271	0.0915	0.253	0.0052	44.3	0.0436	52.3	0.000958	0.000947	0.00000488	0.00621	0.00124	0.0425	0.0159	0.00000506	22	0.0000215	0.000272	0.000243	0.00123	0.0448
2058 May	271	0.0913	0.252	0.00518	44.3	0.0441	53.4	0.000958	0.000947	0.00000488	0.00623	0.00124	0.0434	0.016	0.00000507	22.4	0.0000217	0.000275	0.000246	0.00124	0.0451
2058 Jun	261	0.0876	0.232	0.00484	42.2	0.0433	52	0.000958	0.000945	0.00000487	0.00623	0.00125	0.0424	0.0168	0.00000505	22.8	0.0000217	0.00028	0.000259	0.00124	0.0472
2058 Jul	260	0.0872	0.23	0.0048	42	0.0432	51.8	0.000959	0.000946	0.00000488	0.00623	0.00125	0.0422	0.0169	0.00000506	22.8	0.0000216	0.000281	0.00026	0.00124	0.0475
2058 Aug	262	0.0874	0.231	0.00482	42.1	0.0436	52.5	0.000961	0.000948	0.00000489	0.00625	0.00126	0.0428	0.0169	0.00000507	22.9	0.0000218	0.000283	0.000261	0.00125	0.0476
2058 Sep	263	0.0876	0.231	0.00483	42.2	0.0439	53.4	0.00096	0.000947	0.00000489	0.00626	0.00126	0.0434	0.0169	0.00000507	23.1	0.0000219	0.000284	0.000262	0.00126	0.0476
2058 Oct	265	0.0877	0.232	0.00484	42.3	0.0443	54.1	0.00096	0.000946	0.00000488	0.00627	0.00126	0.044	0.0169	0.00000507	23.3	0.000022	0.000285	0.000263	0.00126	0.0475
2058 Nov	265	0.0877	0.232	0.00484	42.3	0.0443	54.3	0.00096	0.000946	0.00000488	0.00627	0.00126	0.0441	0.0169	0.00000507	23.3	0.000022	0.000285	0.000263	0.00127	0.0476
2058 Dec	265	0.0877	0.232	0.00484	42.3	0.0443	54.3	0.00096	0.000946	0.00000488	0.00627	0.00126	0.0441	0.0169	0.00000507	23.3	0.000022	0.000285	0.000263	0.00127	0.0476
2059 Jan	265	0.0877	0.232	0.00484	42.3	0.0444	54.3	0.00096	0.000946	0.00000488	0.00627	0.00126	0.0442	0.0169	0.00000507	23.3	0.000022	0.000285	0.000263	0.00127	0.0476
2059 Feb	265	0.0877	0.232	0.00484	42.3	0.0444	54.3	0.00096	0.000946	0.00000488	0.00627	0.00126	0.0442	0.0169	0.00000507	23.3	0.000022	0.000285	0.000263	0.00127	0.0476
2059 Mar	265	0.0877	0.232	0.00484	42.3	0.0444	54.3	0.00096	0.000946	0.00000488	0.00627	0.00126	0.0442	0.0169	0.00000507	23.3	0.000022	0.000285	0.000263	0.00127	0.0476
2059 Apr	265	0.0877	0.232	0.00484	42.3	0.0444	54.3	0.00096	0.000947	0.00000488	0.00627	0.00126	0.0442	0.0169	0.00000507	23.3	0.000022	0.000285	0.000263	0.00127	0.0476
2059 May	265	0.0877	0.232	0.00484	42.3	0.0445	54.5	0.00096	0.000947	0.00000489	0.00628	0.00127	0.0443	0.0169	0.00000508	23.4	0.0000221	0.000286	0.000264	0.00127	0.0477
2059 Jun	263	0.087	0.228	0.00477	41.9	0.0442	54.1	0.000961	0.000947	0.00000489	0.00628	0.00127	0.044	0.0172	0.00000507	23.5	0.000022	0.000288	0.000268	0.00127	0.0482
2059 Jul	265	0.0873	0.228	0.00478	42	0.0445	54.5	0.000964	0.00095	0.0000049	0.0063	0.00127	0.0443	0.0172	0.00000509	23.6	0.0000221	0.000289	0.000269	0.00127	0.0484
2059 Aug	266	0.0875	0.229	0.0048	42.2	0.0447	55	0.000966	0.000952	0.00000491	0.00632	0.00128	0.0447	0.0173	0.0000051	23.7	0.0000222	0.00029	0.00027	0.00128	0.0485
2059 Sep	267	0.0876	0.23	0.0048	42.2	0.045	55.6	0.000966	0.000952	0.00000491	0.00633	0.00128	0.0451	0.0173	0.00000511	23.9	0.0000223	0.000291	0.000271	0.00129	0.0485
2059 Oct	268	0.0876	0.229	0.00479	42.2	0.0452	56.3	0.000963	0.00095	0.0000049	0.00633	0.00128	0.0456	0.0172	0.0000051	24	0.0000224	0.000292	0.000271	0.00129	0.0485
2059 Nov	269	0.0876	0.229	0.00479	42.2	0.0453	56.5	0.000963	0.000949	0.0000049	0.00634	0.00128	0.0458	0.0172	0.0000051	24	0.0000224	0.000292	0.000271	0.00129	0.0485
2059 Dec	269	0.0876	0.229	0.00479	42.2	0.0454	56.6	0.000963	0.000949	0.0000049	0.00634	0.00128	0.0458	0.0172	0.0000051	24.1	0.0000224	0.000292	0.000271	0.0013	0.0485
2060 Jan	269	0.0876	0.229	0.00479	42.2	0.0454	56.6	0.000963	0.000949	0.0000049	0.00634	0.00128	0.0458	0.0173	0.0000051	24.1	0.0000224	0.000292	0.000271	0.0013	0.0485
2060 Feb	269	0.0876	0.229	0.00479	42.2	0.0454	56.6	0.000963	0.000949	0.0000049	0.00634	0.00128	0.0458	0.0173	0.0000051	24.1	0.0000224	0.000292	0.000271	0.0013	0.0485
2060 Mar	269	0.0876	0.229	0.00479	42.2	0.0454	56.6	0.000963	0.000949	0.0000049	0.00634	0.00128	0.0458	0.0173	0.0000051	24.1	0.0000224	0.000292	0.000271	0.0013	0.0485
2060 Apr	269	0.0876	0.229	0.00479	42.2	0.0454	56.6	0.000963	0.00095	0.0000049	0.00634	0.00128	0.0458	0.0173	0.0000051	24.1	0.0000224	0.000292	0.000272	0.0013	0.0485
2060 May	268	0.0875	0.228	0.00477	42.1	0.0455	56.8	0.000964	0.00095	0.0000049	0.00635	0.00129	0.046	0.0174	0.0000051	24.2	0.0000225	0.000294	0.000273	0.0013	0.0488
2060 Jun	261	0.0857	0.217	0.00458	40.8	0.0444	54.4	0.000966	0.000951	0.00000491	0.00634	0.00129	0.0442	0.0178	0.00000509	24.1	0.0000222	0.000295	0.000279	0.00129	0.0501
2060 Jul	261	0.0858	0.216	0.00458	40.8	0.0445	54.5	0.000969	0.000954	0.00000492	0.00636	0.00129	0.0443	0.0179	0.00000511	24.2	0.0000223	0.000296	0.000281	0.00129	0.0503
2060 Aug	263	0.086	0.217	0.00459	40.9	0.0448	55.1	0.000969	0.000955	0.00000492	0.00637	0.00129	0.0447	0.018	0.00000511	24.3	0.0000224	0.000297	0.000282	0.0013	0.0504
2060 Sep	263	0.0857	0.216	0.00457	40.8	0.045	55.7	0.000968	0.000953	0.00000492	0.00637	0.0013	0.0452	0.018	0.00000511	24.5	0.0000224	0.000298	0.000282	0.0013	0.0504
2060 Oct	264	0.0857	0.215	0.00457	40.8	0.0453	56.5	0.000967	0.000952	0.00000491	0.00638	0.0013	0.0457	0.018	0.00000511	24.6	0.0000225	0.0003	0.000284	0.00131	0.0504
2060 Nov	264	0.0857	0.215	0.00456	40.8	0.0454	56.7	0.000967	0.000952	0.00000491	0.00638	0.0013	0.0459	0.018	0.00000511	24.7	0.0000226	0.0003	0.000284	0.00131	0.0504
2060 Dec	265	0.0857	0.215	0.00456	40.8	0.0455	56.8	0.000967	0.000952	0.00000491	0.00638	0.0013	0.046	0.018	0.00000511	24.7	0.0000226	0.0003	0.000284	0.00131	0.0504
2061 Jan	265	0.0857	0.215	0.00456	40.8	0.0455	56.8	0.000967	0.000952	0.00000491	0.00638	0.0013	0.046	0.018	0.00000511	24.7	0.0000226	0.0003	0.000284	0.00131	0.0504
2061 Feb	265	0.0857	0.215	0.00456	40.8	0.0455	56.8	0.000967	0.000952	0.00000491	0.00638	0.0013	0.046	0.018	0.00000511	24.7	0.0000226	0.0003	0.000284	0.00131	0.0504
2061 Mar	265	0.0857	0.215	0.00456	40.8	0.0455	56.8	0.000967	0.000952	0.00000491	0.00638	0.0013	0.046	0.018	0.00000511	24.7	0.0000226	0.0003	0.000284	0.00131	0.0504
2061 Apr	265	0.0857	0.215	0.00456	40.8	0.0455	56.8	0.000967	0.000952	0.00000491	0.00638	0.0013	0.046	0.018	0.00000511	24.7	0.0000226	0.0003	0.000284	0.00131	0.0504
2061 May	262	0.0852	0.211	0.0045	40.4	0.0454	56.5	0.000968	0.000953	0.00000492	0.00639	0.0013	0.0458	0.0182	0.00000511	24.8	0.0000226	0.000302	0.000287	0.00131	0.051
2061 Jun	251	0.0825	0.195	0.00423	38.6	0.0439	53.2	0.000969	0.000952	0.00000491	0.00635	0.0013	0.0433	0.0188	0.00000509	24.7	0.0000221	0.000303	0.000295	0.00129	0.0526
2061 Jul	251	0.0826	0.195	0.00423	38.7	0.0441	53.4	0.000972	0.000955	0.00000492	0.00637	0.00131	0.0435	0.0189	0.0000051	24.8	0.0000222	0.000305	0.000296	0.0013	0.0528
2061 Aug	253	0.0828	0.196	0.00424	38.8	0.0443	53.9	0.000974	0.000956	0.00000493	0.00639	0.00131	0.0439	0.019	0.00000512	25	0.0000223	0.000306	0.000298	0.0013	0.053
2061 Sep	254	0.083	0.196	0.00425	38.9	0.0447	54.7	0.000974	0.000956	0.00000494	0.0064	0.00132	0.0445	0.019	0.00000512	25.1	0.0000224	0.000307	0.000299	0.00131	0.053
2061 Oct	256	0.083	0.196	0.00425	38.9	0.0452	55.9	0.000972	0.000954	0.00000492	0.0064	0.00132	0.0454	0.0189	0.00000512	25.3	0.0000226	0.000309	0.000299	0.00132	0.0529
2061 Nov	257	0.083	0.196	0.00425	38.9	0.0453	56.2	0.000971	0.000954	0.00000492	0.00641	0.00132	0.0456	0.0189	0.00000512	25.4	0.0000226	0.000309	0.0003	0.00132	0.0529
2061 Dec	257	0.083	0.196	0.00425	38.9	0.0454	56.3	0.000971	0.000954	0.00000492	0.00641	0.00132	0.0457	0.0189	0.00000512	25.4	0.0000226	0.000309	0.0003	0.00133	0.0529
2062 Jan	257	0.083	0.196	0.00425	38.9	0.0454	56.3	0.000971	0.000954	0.00000492	0.00641	0.00132	0.0457	0.0189	0.00000512	25.4	0.0000226	0.000309	0.0003	0.00133	0.0529
2062 Feb	257	0.083	0.196	0.00425	38.9	0.0454	56.3	0.000971	0.000954	0.00000492	0.00641	0.00132	0.0457	0.0189	0.00000512	25.4	0.0000226	0.000309	0.0003	0.00133	0.0529
2062 Mar	257	0.083	0.196	0.00425	38.9	0.0454	56.4	0.000971	0.000954	0.00000492	0.00641	0.00132	0.0457	0.0189	0.00000512	25.4	0.0000226	0.000309	0.0003	0.00133	0.0529
2062 Apr	257	0.083	0.196	0.00425	38.9	0.0454	56.4	0.000971	0.000954	0.00000492	0.00641	0.00132	0.0457	0.0189	0.00000512	25.4	0.0000226	0.000309	0.0003	0.00133	0.0529
2062 May	257	0.0831	0.197	0.00425	38.9	0.0454	56.4	0.000972	0.000955	0.00000493	0.00642	0.00132	0.0458	0.019	0.00000512	25.5	0.0000226	0.00031	0.0003	0.00133	0.0529
2062 Jun	249	0.081	0.187	0.0041	37.7	0.0443	53.7	0.000975	0.000956	0.00000493	0.00641	0.00131	0.0438	0.019	0.00000511	25	0.0000224	0.000307	0.000298	0.0013	0.0532
2062 Jul	244	0.0797	0.181	0.004	37	0.0436	52.2	0.000977	0.000958	0.00000494	0.00641	0.0013	0.0427	0.0191	0.00000511	24.7	0.0000222	0.000306	0.000297	0.00129	0.0534

Appendix D.3-4: FZONE

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2062 Aug	246	0.0798	0.182	0.00401	37.1	0.044	53	0.000977	0.000958	0.00000494	0.00642	0.00131	0.0433	0.0191	0.00000512	24.9	0.0000223	0.000307	0.000298	0.0013	0.0534
2062 Sep	247	0.0797	0.181	0.00401	37	0.0442	53.6	0.000976	0.000957	0.00000493	0.00642	0.00131	0.0437	0.0191	0.00000511	25	0.0000224	0.000308	0.000299	0.0013	0.0533
2062 Oct	240	0.0781	0.172	0.00386	35.9	0.0436	52	0.000974	0.000953	0.00000492	0.00639	0.0013	0.0426	0.019	0.00000508	24.7	0.0000221	0.000306	0.000296	0.00128	0.0531
2062 Nov	240	0.078	0.172	0.00386	35.9	0.0436	52.1	0.000974	0.000953	0.00000492	0.00639	0.0013	0.0426	0.019	0.00000508	24.7	0.0000221	0.000306	0.000296	0.00129	0.0531
2062 Dec	240	0.078	0.172	0.00386	35.9	0.0437	52.1	0.000974	0.000953	0.00000492	0.00639	0.0013	0.0427	0.019	0.00000509	24.7	0.0000221	0.000306	0.000296	0.00129	0.0531
2063 Jan	240	0.078	0.172	0.00386	35.9	0.0437	52.2	0.000974	0.000953	0.00000492	0.00639	0.0013	0.0427	0.019	0.00000509	24.7	0.0000221	0.000306	0.000296	0.00129	0.0531
2063 Feb	240	0.078	0.172	0.00386	35.9	0.0437	52.2	0.000974	0.000953	0.00000492	0.00639	0.0013	0.0427	0.019	0.00000509	24.7	0.0000221	0.000306	0.000296	0.00129	0.0531
2063 Mar	240	0.078	0.172	0.00386	35.9	0.0437	52.2	0.000974	0.000953	0.00000492	0.00639	0.0013	0.0427	0.019	0.00000509	24.7	0.0000221	0.000306	0.000296	0.00129	0.0531
2063 Apr	240	0.078	0.172	0.00386	35.9	0.0437	52.2	0.000974	0.000953	0.00000492	0.00639	0.0013	0.0427	0.019	0.00000509	24.7	0.0000221	0.000306	0.000296	0.00129	0.0531
2063 May	239	0.0779	0.171	0.00384	35.8	0.0436	51.8	0.000975	0.000953	0.00000492	0.00639	0.0013	0.0425	0.019	0.00000509	24.7	0.0000221	0.000306	0.000296	0.00128	0.0532
2063 Jun	221	0.0745	0.152	0.00353	33.5	0.041	45.9	0.000976	0.00095	0.0000049	0.0063	0.00127	0.038	0.0193	0.00000503	23.8	0.0000212	0.000302	0.000295	0.00123	0.0539
2063 Jul	220	0.074	0.15	0.0035	33.2	0.0407	45.3	0.000977	0.000949	0.0000049	0.00628	0.00127	0.0376	0.0193	0.00000503	23.7	0.0000211	0.000302	0.000294	0.00123	0.0539
2063 Aug	221	0.0742	0.151	0.00351	33.4	0.041	45.9	0.000979	0.000951	0.00000491	0.0063	0.00128	0.038	0.0194	0.00000504	23.8	0.0000212	0.000303	0.000296	0.00123	0.054
2063 Sep	223	0.0743	0.151	0.00352	33.4	0.0414	46.8	0.000978	0.000951	0.00000491	0.00632	0.00128	0.0387	0.0194	0.00000505	24	0.0000213	0.000304	0.000297	0.00124	0.054
2063 Oct	224	0.0743	0.151	0.00352	33.4	0.0417	47.7	0.000977	0.00095	0.0000049	0.00632	0.00128	0.0394	0.0194	0.00000504	24.2	0.0000214	0.000306	0.000297	0.00125	0.054
2063 Nov	225	0.0744	0.151	0.00352	33.4	0.0418	47.9	0.000977	0.000949	0.0000049	0.00633	0.00128	0.0395	0.0194	0.00000504	24.2	0.0000215	0.000306	0.000298	0.00125	0.054
2063 Dec	225	0.0744	0.151	0.00352	33.5	0.0419	48	0.000977	0.000949	0.0000049	0.00633	0.00128	0.0396	0.0194	0.00000504	24.2	0.0000215	0.000306	0.000298	0.00125	0.054
2064 Jan	225	0.0744	0.151	0.00352	33.5	0.0419	48	0.000977	0.000949	0.0000049	0.00633	0.00128	0.0396	0.0194	0.00000504	24.2	0.0000215	0.000306	0.000298	0.00125	0.054
2064 Feb	225	0.0744	0.151	0.00352	33.5	0.0419	48	0.000977	0.000949	0.0000049	0.00633	0.00128	0.0396	0.0194	0.00000504	24.2	0.0000215	0.000306	0.000298	0.00125	0.054
2064 Mar	225	0.0744	0.151	0.00352	33.5	0.0419	48	0.000977	0.000949	0.0000049	0.00633	0.00128	0.0396	0.0194	0.00000505	24.2	0.0000215	0.000306	0.000298	0.00125	0.054
2064 Apr	225	0.0744	0.151	0.00352	33.5	0.0419	48	0.000977	0.00095	0.0000049	0.00633	0.00128	0.0396	0.0194	0.00000505	24.2	0.0000215	0.000306	0.000298	0.00125	0.054
2064 May	224	0.0741	0.15	0.00349	33.3	0.0419	48	0.000977	0.000949	0.0000049	0.00633	0.00129	0.0397	0.0194	0.00000504	24.3	0.0000215	0.000307	0.000299	0.00125	0.0542
2064 Jun	215	0.0723	0.14	0.00332	32.1	0.0407	45.6	0.000976	0.000944	0.00000487	0.00625	0.00128	0.0378	0.0198	0.00000501	24.1	0.0000211	0.000309	0.000303	0.00124	0.055
2064 Jul	216	0.0724	0.14	0.00333	32.2	0.0409	46	0.000978	0.000946	0.00000488	0.00627	0.00129	0.0381	0.0198	0.00000502	24.2	0.0000211	0.00031	0.000304	0.00124	0.0551
2064 Aug	218	0.0725	0.14	0.00334	32.2	0.0412	46.7	0.000978	0.000946	0.00000488	0.00628	0.00129	0.0387	0.0198	0.00000502	24.4	0.0000212	0.000311	0.000305	0.00125	0.0551
2064 Sep	220	0.0725	0.14	0.00334	32.3	0.0418	48.1	0.000977	0.000944	0.00000488	0.00629	0.00129	0.0397	0.0198	0.00000502	24.6	0.0000214	0.000313	0.000307	0.00126	0.055
2064 Oct	222	0.0726	0.141	0.00334	32.3	0.0422	49.1	0.000976	0.000944	0.00000487	0.0063	0.0013	0.0405	0.0198	0.00000502	24.9	0.0000215	0.000315	0.000308	0.00127	0.055
2064 Nov	222	0.0726	0.141	0.00334	32.3	0.0424	49.4	0.000976	0.000944	0.00000487	0.00631	0.0013	0.0407	0.0198	0.00000503	24.9	0.0000216	0.000315	0.000308	0.00127	0.055
2064 Dec	222	0.0726	0.141	0.00335	32.3	0.0424	49.4	0.000976	0.000944	0.00000487	0.00631	0.0013	0.0407	0.0198	0.00000503	24.9	0.0000216	0.000315	0.000308	0.00127	0.055
2065 Jan	222	0.0726	0.141	0.00335	32.3	0.0424	49.4	0.000976	0.000944	0.00000487	0.00631	0.0013	0.0407	0.0198	0.00000503	24.9	0.0000216	0.000315	0.000308	0.00127	0.055
2065 Feb	222	0.0726	0.141	0.00335	32.3	0.0424	49.4	0.000976	0.000944	0.00000487	0.00631	0.0013	0.0408	0.0198	0.00000503	24.9	0.0000216	0.000315	0.000308	0.00127	0.055
2065 Mar	222	0.0726	0.141	0.00335	32.3	0.0424	49.4	0.000976	0.000944	0.00000487	0.00631	0.0013	0.0408	0.0198	0.00000503	24.9	0.0000216	0.000315	0.000308	0.00127	0.055
2065 Apr	222	0.0726	0.141	0.00335	32.4	0.0424	49.4	0.000976	0.000944	0.00000488	0.00631	0.0013	0.0408	0.0198	0.00000503	24.9	0.0000216	0.000315	0.000308	0.00127	0.0551
2065 May	223	0.0727	0.141	0.00335	32.4	0.0427	50.2	0.000976	0.000944	0.00000488	0.00632	0.0013	0.0414	0.0199	0.00000503	25.1	0.0000217	0.000317	0.00031	0.00128	0.0551
2065 Jun	218	0.0715	0.135	0.00325	31.7	0.0418	48.2	0.000976	0.00094	0.00000486	0.00626	0.0013	0.0398	0.02	0.000005	24.8	0.0000214	0.000316	0.00031	0.00126	0.0554
2065 Jul	218	0.0714	0.135	0.00325	31.6	0.0418	48.2	0.000978	0.000942	0.00000487	0.00627	0.0013	0.0398	0.02	0.00000501	24.9	0.0000214	0.000317	0.000311	0.00127	0.0555
2065 Aug	220	0.0716	0.135	0.00326	31.7	0.0422	48.9	0.00098	0.000944	0.00000488	0.00629	0.0013	0.0404	0.0201	0.00000503	25	0.0000215	0.000319	0.000312	0.00127	0.0556
2065 Sep	222	0.0716	0.135	0.00326	31.7	0.0426	50.1	0.000978	0.000942	0.00000487	0.0063	0.00131	0.0413	0.02	0.00000502	25.3	0.0000216	0.00032	0.000313	0.00128	0.0555
2065 Oct	222	0.0714	0.134	0.00323	31.5	0.0429	50.7	0.000975	0.000938	0.00000485	0.00629	0.0013	0.0417	0.02	0.00000501	25.3	0.0000216	0.000321	0.000312	0.00129	0.0553
2065 Nov	221	0.0713	0.133	0.00322	31.4	0.043	50.7	0.000975	0.000938	0.00000485	0.00629	0.0013	0.0418	0.02	0.00000501	25.3	0.0000216	0.000321	0.000312	0.00129	0.0553
2065 Dec	221	0.0713	0.133	0.00322	31.4	0.043	50.8	0.000975	0.000938	0.00000485	0.00629	0.0013	0.0418	0.02	0.00000501	25.4	0.0000216	0.000321	0.000312	0.00129	0.0553
2066 Jan	222	0.0713	0.133	0.00322	31.4	0.043	50.8	0.000975	0.000938	0.00000485	0.00629	0.00131	0.0418	0.02	0.00000501	25.4	0.0000217	0.000321	0.000312	0.00129	0.0553
2066 Feb	222	0.0713	0.133	0.00322	31.4	0.043	50.8	0.000975	0.000938	0.00000485	0.00629	0.00131	0.0418	0.02	0.00000501	25.4	0.0000217	0.000321	0.000312	0.00129	0.0553
2066 Mar	222	0.0714	0.133	0.00322	31.4	0.043	50.8	0.000975	0.000938	0.00000485	0.00629	0.00131	0.0418	0.02	0.00000501	25.4	0.0000217	0.000321	0.000312	0.00129	0.0553
2066 Apr	222	0.0714	0.133	0.00322	31.4	0.043	50.8	0.000975	0.000938	0.00000485	0.0063	0.00131	0.0418	0.02	0.00000501	25.4	0.0000217	0.000321	0.000313	0.00129	0.0553
2066 May	222	0.0714	0.133	0.00322	31.4	0.043	50.9	0.000976	0.000939	0.00000485	0.0063	0.00131	0.0419	0.02	0.00000501	25.4	0.0000217	0.000321	0.000313	0.00129	0.0553
2066 Jun	210	0.0694	0.125	0.00308	30.2	0.0412	46.6	0.000977	0.000935	0.00000483	0.00623	0.00128	0.0387	0.0198	0.00000497	24.4	0.000021	0.000317	0.000305	0.00125	0.0549
2066 Jul	210	0.0692	0.124	0.00307	30.1	0.0413	46.7	0.00098	0.000937	0.00000484	0.00624	0.00129	0.0388	0.0198	0.00000498	24.4	0.0000211	0.000318	0.000305	0.00125	0.0549
2066 Aug	212	0.0694	0.124	0.00308	30.2	0.0416	47.4	0.000982	0.000939	0.00000485	0.00626	0.00129	0.0393	0.0199	0.00000499	24.6	0.0000212	0.000319	0.000307	0.00126	0.055
2066 Sep	214	0.0695	0.125	0.00309	30.2	0.042	48.2	0.000981	0.000938	0.00000485	0.00627	0.00129	0.0399	0.0199	0.000005	24.8	0.0000213	0.00032	0.000307	0.00126	0.055
2066 Oct	215	0.0695	0.125	0.00309	30.2	0.0424	49.3	0.000979	0.000937	0.00000484	0.00628	0.0013	0.0408	0.0198	0.00000499	25	0.0000214	0.000322	0.000308	0.00127	0.0549
2066 Nov	216	0.0695	0.125	0.00309	30.3	0.0426	49.6	0.000979	0.000936	0.00000484	0.00628	0.0013	0.041	0.0198	0.00000499	25.1	0.0000215	0.000322	0.000309	0.00128	0.0549
2066 Dec	216	0.0695	0.125	0.00309	30.3	0.0426	49.7	0.000979	0.000936	0.00000484	0.00628	0.0013	0.0411	0.0198	0.000005	25.1	0.0000215	0.000322	0.000309	0.00128	0.0549
2067 Jan	216	0.0695	0.125	0.00309	30.3	0.0426	49.7	0.000979	0.000936	0.00000484	0.00628	0.0013	0.0411	0.0198	0.000005	25.1	0.0000215	0.000322	0.000309	0.00128	0.0549
2067 Feb	216	0.0695	0.125	0.00309	30.3	0.0426	49.7	0.000979	0.000936	0.00000484	0.00628	0.0013	0.0411	0.0198	0.000005	25.1	0.0000215	0.000322	0.000309	0.00128	0.0549
2067 Mar	216	0.0695	0.125	0.00309	30.3	0.0426	49.7	0.000979	0.000936	0.00000484	0.00628	0.0013	0.0411	0.0198	0.000005	25.1	0.0000215	0.000322	0.000309	0.00128	0.0549
2067 Apr	216	0.0695	0.125	0.00309	30.3	0.0426	49.7	0.000979	0.000936	0.00000484	0.00628	0.0013	0.0411	0.0198	0.000005	25.1	0.0000215	0.000322	0.000309	0.00128	0.0549
2067 May	216	0.0696	0.125	0.00309	30.3	0.0426	49.7	0.00098	0.000937	0.00000485	0.00629	0.0013	0.0411	0.0199	0.000005	25.1	0.0000215	0.000323	0.000309	0.00128	0.055
2067 Jun	213	0.069	0.122	0.00305	29.9	0.0421	48.5	0.000981	0.000936	0.00000484	0.00627	0.0013	0.0402	0.0199	0.00000499	24.9	0.0000213	0.000322	0.000308	0.00127	0.055
2067 Jul	215	0.0692	0.123	0.00306	30	0.0424	49.1	0.000983	0.000938	0.00000485	0.00629	0.0013	0.0406	0.0199	0.000005	25	0.0000214	0.000324	0.00031	0.00127	0.0552
2067 Aug	217	0.0693	0.123	0.00307	30	0.0428	50	0.000984	0.000939	0.00000486	0.00631	0.0013	0.0413	0.02	0.00000501	25.2	0.0000216	0.000325	0.000311	0.00128	0.0552
2067 Sep	218	0.0694	0.123	0.00307	30.1	0.0431	50.8	0.000984	0.000939	0.00000486	0.00632	0.00131	0.0419	0.02	0.00000502	25.4	0.0000217	0.000327	0.000312	0.00129	0.0552
2067 Oct	219	0.0693	0.123	0.00307	30	0.0435	51.6	0.000982	0.000937	0.00000485	0.00632	0.00131	0.0425	0.0199	0.00000501	25.5	0.0000218	0.000328	0.000312	0.0013	0.0551
2067 Nov	220	0.0693	0.123	0.00307	30	0.0436	51.9	0.000982	0.000937	0.00000485	0.00633	0.00131	0.0427	0.0199	0.00000501	25.6	0.0000218	0.000328	0.000312	0.0013	0.0551
2067 Dec	220	0.0693	0.123	0.00307	30	0.0436	51.9	0.000982	0.000937	0.00000485	0.00633	0.00131	0.0427	0.0199	0.00000501	25.6	0.0000218	0.000328	0.000312	0.0013	0.0551
2068 Jan	220	0.0693	0.123	0.00307	30	0.0436	51.9	0.000982	0.000937	0.00000485	0.00633	0.00131	0.0428	0.0199	0.00000501	25.6	0.0000218	0.000328	0.000312	0.0013	0.0551
2068 Feb	220	0.0693	0.123	0.00307	30	0.0436	52	0.000982	0.000937	0.00000485	0.00633	0.00131	0.0428	0.0199	0.00000501	25.6	0.0000218	0.000328	0.000312	0.0013	0.0551
2068 Mar	220	0.0693	0.123	0.00307	30	0.0436	52	0.000982	0.000937	0.00000485	0.00633	0.00131	0.0428	0.0199	0.00000501	25.6	0.0000218	0.000328	0.000312	0.0013	0.0551
2068 Apr	220	0.0694	0.123	0.00307	30.1	0.0436	52	0.000982	0.000937	0.00000485	0.00633	0.00131	0.0428	0.0199	0.00000502	25.6	0.0000218	0.000328	0.000313	0.0013	0.0552
2068 May	219	0.0693	0.123	0.00306	30	0.0436	51.8	0.000983	0.000938	0.00000485	0.00633	0.00131	0.0426	0.02	0.00000502	25.6	0.0000218	0.000329	0.000313	0.0013	0.0553
2068 Jun	208	0.0679	0.114	0.00292	28.9	0.0416	47.3	0.000985	0.000935	0.00000484	0.00625	0.00131	0.0393	0.0203	0.00000498	25	0.0000212	0.000328	0.000315	0.00126	0.0561
2068 Jul	209	0.0679	0.114	0.00292	28.9	0.0419	48	0.000986	0.000936	0.00000484	0.00626	0.00131	0.0398	0.0204	0.00000498	25.1	0.0000213	0.00033	0.000316	0.00127	0.0562
2068 Aug	210	0.0681	0.114	0.00293	29	0.0422	48.6	0.000988	0.000938	0.00000485	0.00629	0.00132	0.0402	0.0204	0.000005	25.3	0.0000214	0.000331	0.000317	0.00128	0.0563
2068 Sep	212	0.0681	0.115	0.00293	29	0.0425	49.3	0.000988	0.000937	0.00000485	0.0063	0.00132	0.0408	0.0204	0.000005	25.4	0.0000215	0.000332	0.000318	0.00128	0.0563
2068 Oct	213	0.0681	0.115	0.00293	29	0.0427	49.9	0.000988	0.000937	0.00000485	0.0063	0.00132	0.0412	0.0204	0.000005	25.6	0.0000215	0.000333	0.000318	0.00129	0.0563
2068 Nov	213	0.0682	0.115	0.00293	29	0.0428	50	0.000988	0.000937	0.00000485	0.0063	0.00132	0.0413	0.0204	0.000005	25.6	0.0000216	0.000334	0.000318	0.00129	0.0563
2068 Dec	213	0.0682	0.115	0.00293	29	0.0428	50	0.000988	0.000937	0.00000485	0.00631	0.00132	0.0413	0.0204	0.000005	25.6	0.0000216	0.000334	0.000318	0.00129	0.0563

Appendix D.3-4: FZONE

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2069 Jan	213	0.0682	0.115	0.00293	29	0.0428	50	0.000988	0.000937	0.00000485	0.00631	0.00132	0.0413	0.0204	0.000005	25.6	0.0000216	0.000334	0.000318	0.00129	0.0563
2069 Feb	213	0.0682	0.115	0.00293	29	0.0428	50	0.000988	0.000937	0.00000485	0.00631	0.00132	0.0414	0.0204	0.000005	25.6	0.0000216	0.000334	0.000318	0.00129	0.0563
2069 Mar	213	0.0682	0.115	0.00293	29	0.0428	50	0.000988	0.000937	0.00000485	0.00631	0.00132	0.0414	0.0204	0.000005	25.6	0.0000216	0.000334	0.000318	0.00129	0.0563
2069 Apr	213	0.0682	0.115	0.00293	29	0.0428	50.1	0.000988	0.000937	0.00000485	0.00631	0.00132	0.0414	0.0204	0.000005	25.6	0.0000216	0.000334	0.000318	0.00129	0.0563
2069 May	213	0.0682	0.115	0.00294	29	0.0429	50.1	0.000989	0.000938	0.00000485	0.00631	0.00132	0.0414	0.0204	0.00000501	25.6	0.0000216	0.000334	0.000319	0.00129	0.0564
2069 Jun	209	0.0673	0.112	0.00289	28.5	0.0421	48.4	0.000991	0.000938	0.00000485	0.00629	0.00131	0.0401	0.0203	0.000005	25.2	0.0000214	0.000332	0.000316	0.00127	0.0562
2069 Jul	209	0.0671	0.111	0.00289	28.5	0.0421	48.4	0.000993	0.00094	0.00000486	0.00631	0.00132	0.0402	0.0204	0.00000501	25.2	0.0000214	0.000333	0.000316	0.00128	0.0563
2069 Aug	211	0.0673	0.112	0.00289	28.5	0.0425	49.2	0.000994	0.000941	0.00000486	0.00632	0.00132	0.0407	0.0204	0.00000502	25.4	0.0000215	0.000335	0.000317	0.00128	0.0564
2069 Sep	212	0.0672	0.111	0.00289	28.5	0.0426	49.6	0.000993	0.000939	0.00000486	0.00632	0.00132	0.0411	0.0203	0.00000501	25.5	0.0000216	0.000335	0.000317	0.00129	0.0562
2069 Oct	210	0.0669	0.11	0.00287	28.2	0.0425	49.3	0.000991	0.000937	0.00000485	0.00631	0.00132	0.0408	0.0202	0.000005	25.3	0.0000215	0.000334	0.000314	0.00128	0.056
2069 Nov	210	0.0669	0.11	0.00286	28.2	0.0425	49.3	0.000991	0.000937	0.00000484	0.00631	0.00132	0.0408	0.0202	0.000005	25.3	0.0000215	0.000334	0.000314	0.00128	0.0559
2069 Dec	210	0.0669	0.11	0.00286	28.2	0.0425	49.3	0.000991	0.000937	0.00000484	0.00631	0.00132	0.0408	0.0202	0.000005	25.3	0.0000215	0.000334	0.000314	0.00128	0.0559
2070 Jan	210	0.0669	0.11	0.00286	28.2	0.0425	49.3	0.000991	0.000937	0.00000484	0.00631	0.00132	0.0408	0.0202	0.000005	25.3	0.0000215	0.000334	0.000314	0.00128	0.0559
2070 Feb	210	0.0669	0.11	0.00286	28.2	0.0425	49.3	0.000991	0.000937	0.00000484	0.00631	0.00132	0.0408	0.0202	0.000005	25.3	0.0000215	0.000334	0.000314	0.00128	0.0559
2070 Mar	210	0.0669	0.11	0.00286	28.2	0.0425	49.3	0.000992	0.000937	0.00000484	0.00631	0.00132	0.0408	0.0202	0.000005	25.3	0.0000215	0.000334	0.000314	0.00128	0.0559
2070 Apr	210	0.0669	0.11	0.00286	28.2	0.0425	49.3	0.000992	0.000937	0.00000485	0.00632	0.00132	0.0408	0.0202	0.000005	25.3	0.0000215	0.000335	0.000314	0.00128	0.056
2070 May	209	0.0669	0.109	0.00286	28.1	0.0424	49	0.000993	0.000938	0.00000485	0.00632	0.00132	0.0406	0.0203	0.000005	25.3	0.0000215	0.000335	0.000314	0.00128	0.056
2070 Jun	204	0.0665	0.106	0.0028	27.7	0.0415	46.7	0.000996	0.000937	0.00000485	0.00629	0.00131	0.0389	0.0204	0.00000499	24.9	0.0000211	0.000334	0.000313	0.00126	0.0563
2070 Jul	205	0.0667	0.106	0.00281	27.7	0.0417	47.2	0.000998	0.000939	0.00000486	0.00631	0.00132	0.0393	0.0204	0.000005	25	0.0000212	0.000336	0.000315	0.00127	0.0564
2070 Aug	207	0.0668	0.107	0.00282	27.8	0.042	47.8	0.000999	0.00094	0.00000486	0.00632	0.00132	0.0397	0.0204	0.00000501	25.2	0.0000213	0.000337	0.000316	0.00127	0.0565
2070 Sep	208	0.0668	0.107	0.00282	27.8	0.0423	48.5	0.000998	0.000939	0.00000486	0.00633	0.00132	0.0402	0.0204	0.00000501	25.3	0.0000214	0.000338	0.000316	0.00128	0.0564
2070 Oct	208	0.0668	0.106	0.00281	27.7	0.0424	48.6	0.000997	0.000938	0.00000485	0.00633	0.00132	0.0403	0.0204	0.000005	25.3	0.0000214	0.000338	0.000316	0.00128	0.0563
2070 Nov	208	0.0668	0.106	0.00281	27.7	0.0424	48.7	0.000997	0.000938	0.00000485	0.00633	0.00132	0.0404	0.0204	0.000005	25.3	0.0000214	0.000338	0.000316	0.00128	0.0563
2070 Dec	208	0.0668	0.106	0.00281	27.7	0.0424	48.7	0.000997	0.000938	0.00000485	0.00633	0.00132	0.0404	0.0204	0.000005	25.3	0.0000214	0.000338	0.000316	0.00128	0.0563
2071 Jan	208	0.0668	0.106	0.00281	27.7	0.0424	48.7	0.000997	0.000938	0.00000485	0.00633	0.00132	0.0404	0.0204	0.000005	25.3	0.0000214	0.000338	0.000316	0.00128	0.0563
2071 Feb	208	0.0668	0.106	0.00281	27.7	0.0424	48.7	0.000997	0.000938	0.00000485	0.00633	0.00132	0.0404	0.0204	0.000005	25.3	0.0000214	0.000338	0.000316	0.00128	0.0563
2071 Mar	208	0.0668	0.106	0.00281	27.7	0.0424	48.7	0.000997	0.000938	0.00000485	0.00633	0.00132	0.0404	0.0204	0.000005	25.3	0.0000214	0.000338	0.000316	0.00128	0.0563
2071 Apr	208	0.0668	0.106	0.00281	27.7	0.0424	48.7	0.000997	0.000938	0.00000485	0.00633	0.00132	0.0404	0.0204	0.000005	25.3	0.0000214	0.000338	0.000316	0.00128	0.0563
2071 May	208	0.0668	0.106	0.0028	27.6	0.0423	48.5	0.000997	0.000938	0.00000485	0.00633	0.00132	0.0402	0.0204	0.000005	25.3	0.0000214	0.000338	0.000316	0.00128	0.0564
2071 Jun	201	0.0663	0.102	0.00275	27.1	0.0412	45.8	0.001	0.000937	0.00000484	0.00629	0.00132	0.0382	0.0205	0.00000498	24.8	0.000021	0.000338	0.000315	0.00126	0.0566
2071 Jul	201	0.0664	0.102	0.00274	27.1	0.0412	45.7	0.001	0.000938	0.00000485	0.00629	0.00132	0.0382	0.0205	0.00000499	24.8	0.000021	0.000339	0.000315	0.00126	0.0567
2071 Aug	202	0.0665	0.102	0.00275	27.2	0.0414	46.1	0.001	0.000939	0.00000486	0.00631	0.00132	0.0384	0.0206	0.000005	24.9	0.0000211	0.00034	0.000316	0.00126	0.0568
2071 Sep	204	0.0665	0.102	0.00275	27.2	0.0416	46.8	0.001	0.000938	0.00000485	0.00631	0.00133	0.0389	0.0206	0.00000499	25.1	0.0000211	0.00034	0.000316	0.00127	0.0567
2071 Oct	204	0.0665	0.102	0.00275	27.1	0.0417	47	0.001	0.000937	0.00000485	0.00631	0.00133	0.0391	0.0205	0.00000499	25.1	0.0000212	0.000341	0.000316	0.00127	0.0567
2071 Nov	204	0.0665	0.102	0.00275	27.1	0.0418	47.2	0.001	0.000937	0.00000485	0.00631	0.00133	0.0392	0.0205	0.00000499	25.1	0.0000212	0.000341	0.000316	0.00127	0.0567
2071 Dec	204	0.0665	0.102	0.00275	27.1	0.0418	47.2	0.001	0.000937	0.00000485	0.00631	0.00133	0.0392	0.0205	0.00000499	25.1	0.0000212	0.000341	0.000316	0.00127	0.0567
2072 Jan	204	0.0665	0.102	0.00275	27.1	0.0418	47.2	0.001	0.000937	0.00000485	0.00631	0.00133	0.0392	0.0205	0.00000499	25.1	0.0000212	0.000341	0.000316	0.00127	0.0567
2072 Feb	204	0.0665	0.102	0.00275	27.1	0.0418	47.2	0.001	0.000937	0.00000485	0.00631	0.00133	0.0392	0.0205	0.00000499	25.1	0.0000212	0.000341	0.000316	0.00127	0.0567
2072 Mar	204	0.0665	0.102	0.00275	27.1	0.0418	47.2	0.001	0.000937	0.00000485	0.00631	0.00133	0.0392	0.0205	0.00000499	25.1	0.0000212	0.000341	0.000316	0.00127	0.0567
2072 Apr	204	0.0665	0.102	0.00275	27.1	0.0418	47.2	0.001	0.000937	0.00000485	0.00631	0.00133	0.0392	0.0205	0.00000499	25.1	0.0000212	0.000341	0.000316	0.00127	0.0567
2072 May	205	0.0665	0.102	0.00276	27.2	0.0418	47.2	0.001	0.000938	0.00000485	0.00632	0.00133	0.0393	0.0206	0.000005	25.2	0.0000212	0.000341	0.000317	0.00127	0.0567
2072 Jun	201	0.066	0.101	0.00273	26.8	0.0413	45.9	0.001	0.000938	0.00000485	0.00631	0.00132	0.0383	0.0205	0.00000499	24.8	0.000021	0.00034	0.000313	0.00126	0.0565
2072 Jul	201	0.0659	0.1	0.00273	26.8	0.0413	46	0.00101	0.00094	0.00000486	0.00632	0.00132	0.0383	0.0205	0.000005	24.8	0.0000211	0.000341	0.000313	0.00126	0.0565
2072 Aug	201	0.0657	0.0998	0.00272	26.7	0.0413	45.8	0.00101	0.00094	0.00000486	0.00632	0.00132	0.0382	0.0204	0.000005	24.7	0.000021	0.000341	0.000312	0.00125	0.0563
2072 Sep	201	0.0655	0.0993	0.00271	26.5	0.0413	45.7	0.00101	0.000939	0.00000486	0.00631	0.00132	0.0382	0.0203	0.000005	24.7	0.000021	0.00034	0.00031	0.00125	0.0562
2072 Oct	199	0.0653	0.0983	0.0027	26.3	0.0412	45.2	0.00101	0.000938	0.00000485	0.0063	0.00132	0.0379	0.0202	0.00000499	24.5	0.0000208	0.00034	0.000308	0.00125	0.0558
2072 Nov	199	0.0653	0.0981	0.00269	26.3	0.0412	45.3	0.00101	0.000938	0.00000485	0.0063	0.00132	0.0379	0.0202	0.00000499	24.5	0.0000208	0.00034	0.000308	0.00125	0.0558
2072 Dec	199	0.0653	0.0981	0.00269	26.3	0.0413	45.4	0.00101	0.000938	0.00000485	0.0063	0.00132	0.038	0.0202	0.00000499	24.5	0.0000208	0.00034	0.000308	0.00125	0.0558
2073 Jan	199	0.0653	0.0981	0.00269	26.3	0.0413	45.4	0.00101	0.000938	0.00000485	0.0063	0.00132	0.038	0.0202	0.00000499	24.5	0.0000208	0.00034	0.000308	0.00125	0.0558
2073 Feb	199	0.0653	0.0981	0.00269	26.3	0.0413	45.4	0.00101	0.000938	0.00000485	0.0063	0.00132	0.038	0.0202	0.00000499	24.5	0.0000208	0.00034	0.000308	0.00125	0.0558
2073 Mar	199	0.0653	0.0981	0.00269	26.3	0.0413	45.4	0.00101	0.000938	0.00000485	0.0063	0.00132	0.038	0.0202	0.00000499	24.5	0.0000208	0.00034	0.000308	0.00125	0.0558
2073 Apr	199	0.0653	0.0981	0.00269	26.3	0.0413	45.4	0.00101	0.000938	0.00000485	0.0063	0.00132	0.038	0.0202	0.00000499	24.5	0.0000209	0.00034	0.000308	0.00125	0.0558
2073 May	198	0.0652	0.0973	0.00268	26.2	0.0414	45.5	0.00101	0.000938	0.00000485	0.0063	0.00132	0.0381	0.0203	0.00000499	24.6	0.0000209	0.000342	0.000308	0.00125	0.0559
2073 Jun	194	0.0648	0.095	0.00264	25.9	0.0409	44.3	0.00101	0.000937	0.00000484	0.00627	0.00132	0.0373	0.0203	0.00000498	24.4	0.0000206	0.000344	0.000308	0.00124	0.056
2073 Jul	195	0.0649	0.0951	0.00264	25.9	0.041	44.3	0.00101	0.000938	0.00000485	0.00628	0.00132	0.0373	0.0204	0.00000498	24.5	0.0000207	0.000345	0.000309	0.00124	0.0561
2073 Aug	196	0.065	0.0954	0.00265	25.9	0.0412	44.8	0.00101	0.000939	0.00000486	0.0063	0.00133	0.0377	0.0204	0.00000499	24.6	0.0000207	0.000346	0.00031	0.00125	0.0562
2073 Sep	197	0.065	0.0955	0.00265	25.9	0.0415	45.5	0.00101	0.000938	0.00000485	0.0063	0.00133	0.0382	0.0204	0.00000499	24.7	0.0000208	0.000347	0.00031	0.00125	0.0561
2073 Oct	198	0.065	0.0954	0.00265	25.9	0.0417	46.1	0.00101	0.000937	0.00000485	0.0063	0.00133	0.0386	0.0204	0.00000499	24.8	0.0000209	0.000347	0.00031	0.00126	0.056
2073 Nov	198	0.065	0.0954	0.00265	25.9	0.0418	46.2	0.00101	0.000937	0.00000484	0.0063	0.00133	0.0387	0.0204	0.00000499	24.8	0.0000209	0.000347	0.00031	0.00126	0.056
2073 Dec	199	0.065	0.0954	0.00265	25.9	0.0418	46.3	0.00101	0.000937	0.00000484	0.0063	0.00133	0.0388	0.0204	0.00000499	24.8	0.0000209	0.000348	0.00031	0.00126	0.056
2074 Jan	199	0.065	0.0954	0.00265	25.9	0.0418	46.3	0.00101	0.000937	0.00000484	0.00631	0.00133	0.0388	0.0204	0.00000499	24.9	0.0000209	0.000348	0.000311	0.00126	0.056
2074 Feb	199	0.065	0.0954	0.00265	25.9	0.0418	46.4	0.00101	0.000937	0.00000484	0.00631	0.00133	0.0388	0.0204	0.00000499	24.9	0.0000209	0.000348	0.000311	0.00126	0.056
2074 Mar	199	0.065	0.0954	0.00265	25.9	0.0418	46.4	0.00101	0.000937	0.00000484	0.00631	0.00133	0.0388	0.0204	0.00000499	24.9	0.0000209	0.000348	0.000311	0.00126	0.056
2074 Apr	199	0.065	0.0954	0.00265	25.9	0.0419	46.4	0.00101	0.000937	0.00000485	0.00631	0.00133	0.0388	0.0204	0.00000499	24.9	0.0000209	0.000348	0.000311	0.00126	0.056
2074 May	197	0.065	0.0942	0.00263	25.7	0.0417	46	0.00101	0.000937	0.00000485	0.0063	0.00134	0.0386	0.0205	0.00000499	24.9	0.0000209	0.000351	0.000313	0.00126	0.0565
2074 Jun	190	0.0647	0.0914	0.00258	25.4	0.0406	43.6	0.00102	0.000935	0.00000483	0.00625	0.00134	0.0369	0.0209	0.00000497	24.7	0.0000205	0.000355	0.000317	0.00124	0.0573
2074 Jul	191	0.0649	0.0916	0.00259	25.4	0.0408	43.9	0.00102	0.000937	0.00000484	0.00626	0.00135	0.0371	0.0209	0.00000498	24.8	0.0000206	0.000357	0.000318	0.00125	0.0574
2074 Aug	193	0.065	0.0919	0.00259	25.5	0.0411	44.4	0.00102	0.000939	0.00000486	0.00628	0.00135	0.0375	0.021	0.00000499	25	0.0000207	0.000358	0.000319	0.00125	0.0576
2074 Sep	195	0.065	0.092	0.0026	25.5	0.0416	45.7	0.00102	0.000937	0.00000485	0.00629	0.00136	0.0384	0.021	0.00000499	25.2	0.0000208	0.00036	0.00032	0.00127	0.0575
2074 Oct	197	0.065	0.0921	0.0026	25.5	0.0421	46.8	0.00102	0.000935	0.00000484	0.0063	0.00136	0.0393	0.0209	0.00000499	25.4	0.000021	0.000361	0.000321	0.00128	0.0574
2074 Nov	198	0.065	0.0921	0.0026	25.5	0.0425	47.7	0.00102	0.000935	0.00000484	0.00631	0.00136	0.04	0.0209	0.00000499	25.6	0.0000211	0.000363	0.000322	0.00128	0.0574
2074 Dec	198	0.065	0.0921	0.0026	25.5	0.0425	47.9	0.00102	0.000934	0.00000484	0.00631	0.00136	0.0401	0.0209	0.00000499	25.7	0.0000211	0.000363	0.000322	0.00129	0.0574
2075 Jan	198	0.065	0.0921	0.0026	25.5	0.0426	47.9	0.00102	0.000934	0.00000484	0.00631	0.00136	0.0402	0.0209	0.00000499	25.7	0.0000211	0.000363	0.000322	0.00129	0.0574
2075 Feb	198	0.065	0.0921	0.0026	25.5	0.0426	47.9	0.00102	0.000934	0.00000484	0.00631	0.00136	0.0402	0.0209	0.00000499	25.7	0.0000211	0.000363	0.000322	0.00129	0.0574
2075 Mar	198	0.065	0.0921	0.0026	25.5	0.0426	47.9	0.00102	0.000934	0.00000484	0.00631	0.00136	0.0402	0.0209	0.00000499	25.7	0.0000211	0.000363	0.000322	0.00129	0.0574
2075 Apr	198	0.065	0.0921	0.0026	25.5	0.0426	48	0.00102	0.000935	0.00000484	0.00631	0.00136	0.0402	0.0209	0.00000499	25.7	0.0000211	0.000363	0.000323	0.00129	0.0574
2075 May	199	0.065	0.0922	0.0026	25.5	0.0429	48.8	0.00102	0.000935	0.00000484	0.00633	0.00137	0.0408	0.021	0.000005	25.9	0.0000212	0.000365	0.000324	0.00129	0.0574

Appendix D.3-4: FZONE

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2075 Jun	194	0.0642	0.0905	0.00257	25.1	0.0419	46.5	0.00102	0.000935	0.00000484	0.0063	0.00136	0.0392	0.0208	0.00000499	25.3	0.000021	0.000364	0.000319	0.00127	0.0571
2075 Jul	192	0.0639	0.0899	0.00257	25	0.0416	45.7	0.00103	0.000936	0.00000484	0.0063	0.00136	0.0386	0.0208	0.00000499	25.1	0.0000209	0.000364	0.000317	0.00126	0.057
2075 Aug	194	0.064	0.0902	0.00257	25	0.0418	46.2	0.00103	0.000937	0.00000485	0.00631	0.00136	0.039	0.0208	0.000005	25.2	0.000021	0.000365	0.000318	0.00127	0.0571
2075 Sep	195	0.0641	0.0903	0.00258	25	0.0421	46.7	0.00103	0.000937	0.00000485	0.00632	0.00136	0.0394	0.0208	0.000005	25.3	0.000021	0.000366	0.000318	0.00127	0.0571
2075 Oct	196	0.0641	0.0904	0.00258	25	0.0422	47.2	0.00103	0.000936	0.00000485	0.00633	0.00136	0.0397	0.0208	0.000005	25.4	0.0000211	0.000366	0.000319	0.00128	0.0571
2075 Nov	196	0.0641	0.0904	0.00258	25	0.0423	47.4	0.00103	0.000936	0.00000485	0.00633	0.00136	0.0398	0.0208	0.000005	25.4	0.0000211	0.000367	0.000319	0.00128	0.0571
2075 Dec	196	0.0641	0.0904	0.00258	25	0.0424	47.4	0.00103	0.000936	0.00000485	0.00633	0.00137	0.0399	0.0208	0.000005	25.4	0.0000211	0.000367	0.000319	0.00128	0.0571
2076 Jan	196	0.0641	0.0904	0.00258	25	0.0424	47.4	0.00103	0.000936	0.00000485	0.00633	0.00137	0.0399	0.0208	0.000005	25.5	0.0000211	0.000367	0.000319	0.00128	0.0571
2076 Feb	196	0.0641	0.0904	0.00258	25	0.0424	47.4	0.00103	0.000936	0.00000485	0.00633	0.00137	0.0399	0.0208	0.000005	25.5	0.0000211	0.000367	0.000319	0.00128	0.0571
2076 Mar	196	0.0641	0.0904	0.00258	25	0.0424	47.4	0.00103	0.000936	0.00000485	0.00633	0.00137	0.0399	0.0208	0.000005	25.5	0.0000211	0.000367	0.000319	0.00128	0.0571
2076 Apr	196	0.0641	0.0904	0.00258	25	0.0424	47.4	0.00103	0.000937	0.00000485	0.00633	0.00137	0.0399	0.0208	0.000005	25.5	0.0000211	0.000367	0.000319	0.00128	0.0571
2076 May	196	0.0641	0.0904	0.00258	25	0.0424	47.4	0.00103	0.000937	0.00000485	0.00633	0.00137	0.0398	0.0208	0.00000501	25.5	0.0000211	0.000367	0.00032	0.00128	0.0572
2076 Jun	192	0.0636	0.0891	0.00256	24.8	0.0415	45.5	0.00103	0.000936	0.00000484	0.0063	0.00136	0.0385	0.0208	0.00000499	25.1	0.0000209	0.000367	0.000318	0.00126	0.0572
2076 Jul	192	0.0636	0.0891	0.00256	24.8	0.0414	45.4	0.00103	0.000937	0.00000485	0.00631	0.00136	0.0383	0.0208	0.000005	25.1	0.0000209	0.000368	0.000318	0.00126	0.0572
2076 Aug	193	0.0637	0.0894	0.00257	24.8	0.0416	45.8	0.00103	0.000939	0.00000486	0.00633	0.00137	0.0387	0.0209	0.00000501	25.2	0.000021	0.00037	0.000319	0.00127	0.0574
2076 Sep	194	0.0638	0.0895	0.00257	24.8	0.0419	46.4	0.00103	0.000939	0.00000486	0.00634	0.00137	0.0391	0.0209	0.00000501	25.3	0.0000211	0.000371	0.00032	0.00127	0.0574
2076 Oct	196	0.0638	0.0895	0.00257	24.8	0.0421	47	0.00103	0.000938	0.00000485	0.00634	0.00137	0.0396	0.0209	0.00000501	25.4	0.0000211	0.000371	0.00032	0.00128	0.0573
2076 Nov	196	0.0638	0.0895	0.00257	24.8	0.0422	47.3	0.00103	0.000937	0.00000485	0.00634	0.00137	0.0398	0.0209	0.00000501	25.5	0.0000212	0.000371	0.00032	0.00128	0.0573
2076 Dec	196	0.0638	0.0895	0.00257	24.8	0.0423	47.4	0.00103	0.000937	0.00000485	0.00634	0.00137	0.0398	0.0209	0.00000501	25.5	0.0000212	0.000372	0.00032	0.00128	0.0573
2077 Jan	196	0.0638	0.0895	0.00257	24.8	0.0423	47.4	0.00103	0.000937	0.00000485	0.00634	0.00137	0.0399	0.0209	0.00000501	25.5	0.0000212	0.000372	0.00032	0.00128	0.0573
2077 Feb	196	0.0638	0.0895	0.00257	24.8	0.0423	47.4	0.00103	0.000937	0.00000485	0.00634	0.00137	0.0399	0.0209	0.00000501	25.5	0.0000212	0.000372	0.00032	0.00128	0.0573
2077 Mar	196	0.0638	0.0895	0.00257	24.8	0.0423	47.4	0.00103	0.000937	0.00000485	0.00634	0.00137	0.0399	0.0209	0.00000501	25.5	0.0000212	0.000372	0.00032	0.00128	0.0573
2077 Apr	196	0.0638	0.0895	0.00257	24.8	0.0423	47.4	0.00103	0.000938	0.00000485	0.00634	0.00137	0.0399	0.0209	0.00000501	25.5	0.0000212	0.000372	0.00032	0.00128	0.0573
2077 May	196	0.0638	0.0894	0.00257	24.8	0.0422	47.2	0.00103	0.000938	0.00000486	0.00634	0.00137	0.0397	0.0209	0.00000501	25.5	0.0000212	0.000372	0.000321	0.00128	0.0574
2077 Jun	191	0.0635	0.088	0.00254	24.6	0.0413	45.4	0.00104	0.000937	0.00000485	0.00631	0.00138	0.0384	0.0211	0.000005	25.2	0.0000209	0.000374	0.000322	0.00126	0.0578
2077 Jul	193	0.0636	0.0882	0.00255	24.6	0.0415	45.7	0.00104	0.000939	0.00000486	0.00633	0.00138	0.0387	0.0211	0.00000501	25.3	0.000021	0.000376	0.000323	0.00127	0.0579
2077 Aug	194	0.0638	0.0885	0.00256	24.7	0.0418	46.2	0.00104	0.00094	0.00000487	0.00634	0.00138	0.039	0.0212	0.00000502	25.5	0.0000211	0.000377	0.000324	0.00127	0.0581
2077 Sep	195	0.0637	0.0885	0.00256	24.6	0.042	46.8	0.00104	0.000938	0.00000486	0.00634	0.00139	0.0394	0.0211	0.00000501	25.6	0.0000212	0.000377	0.000324	0.00128	0.0579
2077 Oct	196	0.0637	0.0884	0.00256	24.6	0.0422	47.3	0.00104	0.000938	0.00000485	0.00635	0.00139	0.0398	0.0211	0.00000501	25.6	0.0000212	0.000378	0.000324	0.00128	0.0579
2077 Nov	196	0.0638	0.0884	0.00256	24.6	0.0423	47.4	0.00104	0.000938	0.00000485	0.00635	0.00139	0.0399	0.0211	0.00000501	25.7	0.0000213	0.000378	0.000324	0.00128	0.0579
2077 Dec	196	0.0638	0.0884	0.00256	24.6	0.0423	47.5	0.00104	0.000938	0.00000485	0.00635	0.00139	0.0399	0.0211	0.00000501	25.7	0.0000213	0.000378	0.000324	0.00128	0.0579
2078 Jan	196	0.0638	0.0884	0.00256	24.6	0.0423	47.5	0.00104	0.000938	0.00000485	0.00635	0.00139	0.0399	0.0211	0.00000501	25.7	0.0000213	0.000378	0.000324	0.00128	0.0579
2078 Feb	196	0.0638	0.0884	0.00256	24.6	0.0423	47.5	0.00104	0.000938	0.00000485	0.00635	0.00139	0.0399	0.0211	0.00000501	25.7	0.0000213	0.000378	0.000324	0.00128	0.0579
2078 Mar	196	0.0638	0.0884	0.00256	24.6	0.0423	47.5	0.00104	0.000938	0.00000485	0.00635	0.00139	0.0399	0.0211	0.00000501	25.7	0.0000213	0.000378	0.000324	0.00128	0.0579
2078 Apr	196	0.0638	0.0885	0.00256	24.6	0.0423	47.5	0.00104	0.000938	0.00000486	0.00635	0.00139	0.0399	0.0211	0.00000502	25.7	0.0000213	0.000379	0.000325	0.00129	0.0579
2078 May	194	0.0638	0.0877	0.00254	24.5	0.042	46.9	0.00104	0.000939	0.00000486	0.00635	0.00139	0.0395	0.0213	0.00000502	25.7	0.0000212	0.000381	0.000327	0.00128	0.0583
2078 Jun	190	0.0637	0.0865	0.00252	24.3	0.0411	44.8	0.00104	0.000937	0.00000485	0.00631	0.0014	0.038	0.0215	0.000005	25.5	0.0000209	0.000384	0.000329	0.00127	0.0589
2078 Jul	191	0.0639	0.0868	0.00253	24.4	0.0412	45.1	0.00105	0.00094	0.00000486	0.00633	0.0014	0.0382	0.0216	0.00000501	25.6	0.000021	0.000386	0.00033	0.00127	0.0591
2078 Aug	192	0.064	0.087	0.00254	24.4	0.0415	45.8	0.00105	0.00094	0.00000487	0.00634	0.00141	0.0387	0.0216	0.00000502	25.7	0.0000211	0.000387	0.000331	0.00128	0.0591
2078 Sep	194	0.064	0.0872	0.00254	24.5	0.0419	46.6	0.00105	0.00094	0.00000487	0.00635	0.00141	0.0393	0.0216	0.00000502	25.9	0.0000212	0.000388	0.000332	0.00129	0.0591
2078 Oct	195	0.064	0.0872	0.00254	24.4	0.0422	47.5	0.00105	0.000939	0.00000486	0.00636	0.00141	0.04	0.0216	0.00000502	26	0.0000213	0.000389	0.000333	0.00129	0.0591
2078 Nov	195	0.064	0.0872	0.00254	24.4	0.0423	47.7	0.00105	0.000939	0.00000486	0.00636	0.00141	0.0402	0.0216	0.00000502	26.1	0.0000214	0.00039	0.000333	0.0013	0.0591
2078 Dec	195	0.064	0.0872	0.00254	24.4	0.0424	47.7	0.00105	0.000939	0.00000486	0.00636	0.00141	0.0402	0.0216	0.00000502	26.1	0.0000214	0.00039	0.000333	0.0013	0.0591
2079 Jan	196	0.064	0.0872	0.00254	24.4	0.0424	47.8	0.00105	0.000939	0.00000486	0.00636	0.00141	0.0402	0.0216	0.00000502	26.1	0.0000214	0.00039	0.000333	0.0013	0.0591
2079 Feb	196	0.064	0.0872	0.00254	24.4	0.0424	47.8	0.00105	0.000939	0.00000486	0.00636	0.00141	0.0402	0.0216	0.00000502	26.1	0.0000214	0.00039	0.000333	0.0013	0.0591
2079 Mar	196	0.064	0.0872	0.00254	24.4	0.0424	47.8	0.00105	0.000939	0.00000486	0.00636	0.00141	0.0402	0.0216	0.00000502	26.1	0.0000214	0.00039	0.000333	0.0013	0.0591
2079 Apr	196	0.064	0.0872	0.00254	24.4	0.0424	47.8	0.00105	0.000939	0.00000486	0.00637	0.00141	0.0402	0.0216	0.00000502	26.1	0.0000214	0.00039	0.000333	0.0013	0.0591
2079 May	196	0.0641	0.0873	0.00254	24.5	0.0424	47.9	0.00105	0.000939	0.00000486	0.00637	0.00141	0.0403	0.0216	0.00000503	26.1	0.0000214	0.00039	0.000333	0.0013	0.0591
2079 Jun	191	0.0633	0.086	0.00252	24.1	0.0414	45.6	0.00105	0.000939	0.00000486	0.00634	0.00141	0.0386	0.0216	0.00000502	25.6	0.0000211	0.000391	0.00033	0.00127	0.0591
2079 Jul	190	0.0632	0.0859	0.00252	24.1	0.0412	45.3	0.00105	0.00094	0.00000486	0.00634	0.00141	0.0385	0.0215	0.00000502	25.6	0.0000211	0.000392	0.00033	0.00127	0.0591
2079 Aug	192	0.0633	0.0861	0.00253	24.1	0.0415	45.9	0.00105	0.000941	0.00000487	0.00636	0.00141	0.0389	0.0216	0.00000503	25.7	0.0000212	0.000393	0.000331	0.00128	0.0592
2079 Sep	193	0.0633	0.0862	0.00253	24.1	0.0418	46.6	0.00105	0.00094	0.00000487	0.00637	0.00142	0.0394	0.0216	0.00000503	25.8	0.0000213	0.000394	0.000331	0.00128	0.0591
2079 Oct	194	0.0633	0.0862	0.00253	24.1	0.042	47	0.00105	0.000939	0.00000486	0.00637	0.00142	0.0397	0.0215	0.00000502	25.9	0.0000214	0.000394	0.000331	0.00129	0.059
2079 Nov	194	0.0633	0.0861	0.00253	24.1	0.042	47.1	0.00105	0.000939	0.00000486	0.00637	0.00142	0.0398	0.0215	0.00000502	25.9	0.0000214	0.000394	0.000331	0.00129	0.059
2079 Dec	193	0.0633	0.086	0.00253	24.1	0.042	47.1	0.00105	0.000939	0.00000486	0.00637	0.00142	0.0398	0.0215	0.00000502	25.9	0.0000214	0.000395	0.000331	0.00129	0.059
2080 Jan	193	0.0633	0.086	0.00253	24.1	0.042	47	0.00105	0.000939	0.00000486	0.00637	0.00142	0.0397	0.0215	0.00000502	25.9	0.0000214	0.000395	0.000331	0.00129	0.059
2080 Feb	193	0.0633	0.086	0.00252	24.1	0.042	47	0.00105	0.000939	0.00000486	0.00637	0.00142	0.0397	0.0215	0.00000502	25.9	0.0000214	0.000395	0.000331	0.00129	0.059
2080 Mar	193	0.0633	0.086	0.00252	24.1	0.042	47	0.00105	0.000939	0.00000486	0.00637	0.00142	0.0397	0.0215	0.00000502	25.9	0.0000214	0.000395	0.000331	0.00129	0.059
2080 Apr	193	0.0633	0.086	0.00253	24.1	0.042	47	0.00105	0.000939	0.00000486	0.00637	0.00142	0.0397	0.0215	0.00000502	25.9	0.0000214	0.000395	0.000331	0.00129	0.059
2080 May	194	0.0633	0.0861	0.00253	24.1	0.042	47.1	0.00105	0.000939	0.00000486	0.00637	0.00142	0.0398	0.0215	0.00000503	25.9	0.0000214	0.000395	0.000331	0.00129	0.059
2080 Jun	190	0.0628	0.0854	0.00252	23.8	0.0415	45.7	0.00106	0.000939	0.00000486	0.00636	0.00141	0.0388	0.0214	0.00000502	25.5	0.0000212	0.000394	0.000327	0.00127	0.0586
2080 Jul	190	0.0626	0.0853	0.00252	23.8	0.0412	45.2	0.00106	0.00094	0.00000486	0.00636	0.00141	0.0385	0.0213	0.00000502	25.4	0.0000212	0.000395	0.000325	0.00127	0.0584
2080 Aug	191	0.0627	0.0855	0.00253	23.8	0.0414	45.7	0.00106	0.000941	0.00000487	0.00637	0.00141	0.0388	0.0213	0.00000503	25.5	0.0000212	0.000395	0.000325	0.00127	0.0585
2080 Sep	192	0.0627	0.0856	0.00253	23.8	0.0416	46.2	0.00106	0.00094	0.00000487	0.00638	0.00141	0.0391	0.0213	0.00000503	25.5	0.0000213	0.000396	0.000326	0.00128	0.0584
2080 Oct	193	0.0626	0.0856	0.00253	23.8	0.0419	46.7	0.00106	0.000939	0.00000486	0.00638	0.00141	0.0395	0.0213	0.00000503	25.6	0.0000214	0.000397	0.000326	0.00128	0.0584
2080 Nov	193	0.0626	0.0855	0.00253	23.7	0.042	46.9	0.00106	0.000939	0.00000486	0.00638	0.00141	0.0397	0.0212	0.00000502	25.7	0.0000214	0.000397	0.000326	0.00128	0.0583
2080 Dec	193	0.0626	0.0855	0.00253	23.7	0.042	47	0.00106	0.000938	0.00000486	0.00638	0.00141	0.0398	0.0212	0.00000502	25.7	0.0000214	0.000397	0.000326	0.00128	0.0583
2081 Jan	193	0.0626	0.0855	0.00253	23.7	0.042	47	0.00106	0.000938	0.00000486	0.00638	0.00141	0.0398	0.0212	0.00000502	25.7	0.0000214	0.000397	0.000326	0.00128	0.0583
2081 Feb	193	0.0626	0.0855	0.00253	23.7	0.042	47	0.00106	0.000939	0.00000486	0.00638	0.00141	0.0398	0.0212	0.00000502	25.7	0.0000214	0.000397	0.000326	0.00128	0.0583
2081 Mar	193	0.0626	0.0855	0.00253	23.7	0.042	47	0.00106	0.000939	0.00000486	0.00638	0.00141	0.0398	0.0212	0.00000502	25.7	0.0000214	0.000397	0.000326	0.00128	0.0583
2081 Apr	193	0.0626	0.0855	0.00253	23.7	0.042	47	0.00106	0.000939	0.00000486	0.00638	0.00142	0.0398	0.0212	0.00000503	25.7	0.0000214	0.000397	0.000326	0.00128	0.0583
2081 May	192	0.0626	0.0853	0.00252	23.7	0.0417	46.4	0.00106	0.000939	0.00000486	0.00638	0.00142	0.0393	0.0213	0.00000503	25.6	0.0000213	0.000398	0.000325	0.00128	0.0584
2081 Jun	188	0.0623	0.0848	0.00252	23.5	0.0411	44.8	0.00106	0.000939	0.00000486	0.00635	0.00141	0.0382	0.0213	0.00000502	25.3	0.0000211	0.000399	0.000324	0.00126	0.0584
2081 Jul	189	0.0625	0.085	0.00252	23.6	0.0412	45	0.00107	0.000941	0.00000487	0.00637	0.00142	0.0384	0.0213	0.00000503	25.3	0.0000212	0.0004	0.000325	0.00127	0.0585
2081 Aug	190	0.0626	0.0853	0.00253	23.7	0.0414	45.4	0.00107	0.000943	0.00000488	0.00639	0.00142	0.0387	0.0214	0.00000504	25.4	0.0000213	0.000402	0.000326	0.00127	0.0586
2081 Sep	191	0.0626	0.0854	0.00253	23.7	0.0417	46.1	0.00107	0.000943	0.00000488	0.0064	0.00142	0.0391	0.0214	0.00000504	25.6	0.0000214	0.000403	0.000326	0.00128	0.0586
2081 Oct	192	0.0626	0.0855	0.00253	23.7	0.0419	46.7	0.00107	0.000942	0.00000488	0.0064	0.00143	0.0396	0.0214	0.00000505	25.7	0.0000214	0.000403	0.000327	0.00128	0.0586

Appendix D.3-4: FZONE

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2081 Nov	193	0.0626	0.0854	0.00253	23.6	0.0421	47	0.00107	0.000942	0.00000488	0.0064	0.00143	0.0399	0.0213	0.00000504	25.8	0.0000215	0.000404	0.000327	0.00129	0.0586
2081 Dec	193	0.0626	0.0854	0.00253	23.6	0.0421	47.1	0.00107	0.000941	0.00000488	0.00641	0.00143	0.0399	0.0213	0.00000504	25.8	0.0000215	0.000404	0.000327	0.00129	0.0586
2082 Jan	193	0.0626	0.0854	0.00253	23.6	0.0421	47.1	0.00107	0.000941	0.00000488	0.00641	0.00143	0.0399	0.0213	0.00000504	25.8	0.0000215	0.000404	0.000327	0.00129	0.0586
2082 Feb	193	0.0626	0.0854	0.00253	23.6	0.0421	47.1	0.00107	0.000941	0.00000488	0.00641	0.00143	0.0399	0.0213	0.00000504	25.8	0.0000215	0.000404	0.000327	0.00129	0.0586
2082 Mar	193	0.0626	0.0854	0.00253	23.6	0.0421	47.1	0.00107	0.000941	0.00000488	0.00641	0.00143	0.0399	0.0213	0.00000504	25.8	0.0000215	0.000404	0.000327	0.00129	0.0586
2082 Apr	193	0.0626	0.0854	0.00253	23.6	0.0421	47.1	0.00107	0.000942	0.00000488	0.00641	0.00143	0.0399	0.0213	0.00000504	25.8	0.0000215	0.000404	0.000327	0.00129	0.0586
2082 May	193	0.0627	0.0855	0.00254	23.7	0.0422	47.1	0.00107	0.000942	0.00000488	0.00641	0.00143	0.04	0.0214	0.00000505	25.8	0.0000215	0.000404	0.000327	0.00129	0.0586
2082 Jun	189	0.0616	0.0844	0.00252	23.3	0.0417	46.1	0.00107	0.000942	0.00000488	0.00641	0.00142	0.0393	0.0211	0.00000504	25.4	0.0000214	0.000404	0.000321	0.00127	0.058
2082 Jul	187	0.0609	0.0839	0.00251	23	0.0411	44.9	0.00107	0.000943	0.00000488	0.00641	0.00142	0.0385	0.0209	0.00000504	25	0.0000213	0.000404	0.000317	0.00126	0.0576
2082 Aug	188	0.0611	0.0841	0.00252	23.1	0.0413	45.2	0.00108	0.000944	0.00000489	0.00642	0.00142	0.0388	0.0209	0.00000505	25.1	0.0000214	0.000405	0.000318	0.00126	0.0577
2082 Sep	189	0.0611	0.0842	0.00252	23.1	0.0415	45.6	0.00108	0.000944	0.00000489	0.00643	0.00142	0.039	0.0209	0.00000505	25.2	0.0000214	0.000406	0.000318	0.00126	0.0577
2082 Oct	189	0.0611	0.0841	0.00252	23.1	0.0416	46	0.00107	0.000943	0.00000488	0.00643	0.00142	0.0393	0.0209	0.00000505	25.2	0.0000215	0.000406	0.000318	0.00127	0.0575
2082 Nov	189	0.0611	0.0841	0.00252	23	0.0417	46.1	0.00107	0.000943	0.00000488	0.00643	0.00142	0.0394	0.0209	0.00000505	25.2	0.0000215	0.000406	0.000318	0.00127	0.0575
2082 Dec	190	0.0611	0.0841	0.00252	23	0.0417	46.2	0.00107	0.000942	0.00000488	0.00643	0.00142	0.0395	0.0209	0.00000505	25.2	0.0000215	0.000406	0.000318	0.00127	0.0575
2083 Jan	190	0.0611	0.0841	0.00252	23	0.0417	46.2	0.00107	0.000942	0.00000488	0.00643	0.00142	0.0395	0.0209	0.00000505	25.2	0.0000215	0.000406	0.000318	0.00127	0.0575
2083 Feb	190	0.0611	0.0841	0.00252	23	0.0417	46.2	0.00107	0.000942	0.00000488	0.00643	0.00142	0.0395	0.0209	0.00000505	25.2	0.0000215	0.000406	0.000318	0.00127	0.0575
2083 Mar	190	0.0611	0.0841	0.00252	23	0.0417	46.2	0.00107	0.000943	0.00000488	0.00643	0.00142	0.0395	0.0209	0.00000505	25.2	0.0000215	0.000406	0.000318	0.00127	0.0575
2083 Apr	190	0.0611	0.0841	0.00252	23.1	0.0417	46.2	0.00107	0.000943	0.00000488	0.00643	0.00142	0.0395	0.0209	0.00000505	25.3	0.0000215	0.000406	0.000318	0.00127	0.0575
2083 May	190	0.0611	0.084	0.00252	23	0.042	46.7	0.00107	0.000943	0.00000488	0.00644	0.00142	0.0399	0.0209	0.00000505	25.4	0.0000216	0.000408	0.000319	0.00127	0.0576
2083 Jun	186	0.0607	0.0833	0.00251	22.8	0.0413	45.3	0.00108	0.000941	0.00000487	0.00642	0.00143	0.0389	0.0209	0.00000504	25.1	0.0000214	0.000411	0.000317	0.00126	0.0576
2083 Jul	186	0.0607	0.0835	0.00251	22.8	0.0413	45.3	0.00108	0.000942	0.00000488	0.00642	0.00143	0.039	0.0209	0.00000504	25.1	0.0000214	0.000413	0.000318	0.00126	0.0576
2083 Aug	187	0.0608	0.0836	0.00252	22.8	0.0416	45.9	0.00108	0.000943	0.00000488	0.00643	0.00143	0.0393	0.0209	0.00000505	25.2	0.0000215	0.000414	0.000318	0.00127	0.0577
2083 Sep	189	0.0608	0.0837	0.00252	22.8	0.0419	46.5	0.00108	0.000942	0.00000488	0.00644	0.00143	0.0398	0.0209	0.00000505	25.3	0.0000216	0.000415	0.000319	0.00127	0.0576
2083 Oct	189	0.0607	0.0836	0.00252	22.7	0.0419	46.7	0.00108	0.00094	0.00000487	0.00643	0.00143	0.04	0.0208	0.00000504	25.3	0.0000216	0.000415	0.000318	0.00127	0.0574
2083 Nov	188	0.0606	0.0835	0.00252	22.7	0.042	46.8	0.00108	0.000939	0.00000487	0.00643	0.00143	0.04	0.0208	0.00000504	25.3	0.0000216	0.000416	0.000317	0.00127	0.0573
2083 Dec	189	0.0606	0.0835	0.00252	22.7	0.042	46.8	0.00108	0.000939	0.00000487	0.00643	0.00143	0.0401	0.0208	0.00000504	25.3	0.0000216	0.000416	0.000317	0.00127	0.0573
2084 Jan	188	0.0606	0.0835	0.00252	22.7	0.042	46.8	0.00108	0.000939	0.00000487	0.00643	0.00143	0.0401	0.0208	0.00000504	25.3	0.0000216	0.000416	0.000317	0.00127	0.0573
2084 Feb	188	0.0606	0.0835	0.00252	22.7	0.042	46.8	0.00108	0.000939	0.00000487	0.00643	0.00143	0.0401	0.0208	0.00000504	25.3	0.0000216	0.000416	0.000317	0.00127	0.0573
2084 Mar	189	0.0606	0.0835	0.00252	22.7	0.042	46.8	0.00108	0.000939	0.00000487	0.00643	0.00143	0.0401	0.0208	0.00000504	25.3	0.0000216	0.000416	0.000317	0.00127	0.0573
2084 Apr	189	0.0607	0.0836	0.00252	22.7	0.042	46.8	0.00108	0.00094	0.00000487	0.00643	0.00143	0.0401	0.0208	0.00000504	25.3	0.0000216	0.000416	0.000317	0.00127	0.0574
2084 May	188	0.0607	0.0835	0.00252	22.7	0.0419	46.6	0.00108	0.00094	0.00000487	0.00643	0.00144	0.0399	0.0209	0.00000504	25.3	0.0000216	0.000418	0.000318	0.00127	0.0575
2084 Jun	183	0.0606	0.0833	0.00251	22.6	0.041	44.5	0.00109	0.000938	0.00000486	0.00638	0.00144	0.0385	0.0209	0.00000503	25	0.0000212	0.000421	0.000317	0.00125	0.0576
2084 Jul	184	0.0608	0.0836	0.00252	22.6	0.0411	44.8	0.00109	0.000939	0.00000487	0.00639	0.00144	0.0386	0.021	0.00000503	25	0.0000213	0.000423	0.000318	0.00126	0.0577
2084 Aug	186	0.0609	0.0838	0.00253	22.7	0.0414	45.2	0.00109	0.000941	0.00000487	0.00641	0.00145	0.039	0.021	0.00000504	25.2	0.0000214	0.000424	0.000319	0.00126	0.0578
2084 Sep	187	0.0609	0.0839	0.00253	22.7	0.0416	45.9	0.00109	0.00094	0.00000487	0.00641	0.00145	0.0395	0.021	0.00000504	25.3	0.0000214	0.000425	0.000319	0.00127	0.0578
2084 Oct	188	0.0608	0.0839	0.00253	22.6	0.0419	46.5	0.00109	0.000938	0.00000486	0.00641	0.00145	0.0399	0.021	0.00000504	25.4	0.0000215	0.000425	0.00032	0.00127	0.0577
2084 Nov	188	0.0608	0.0838	0.00253	22.6	0.042	46.7	0.00109	0.000938	0.00000486	0.00642	0.00145	0.0401	0.021	0.00000504	25.4	0.0000215	0.000425	0.00032	0.00128	0.0577
2084 Dec	188	0.0608	0.0838	0.00253	22.6	0.042	46.7	0.00109	0.000938	0.00000486	0.00642	0.00145	0.0401	0.021	0.00000504	25.4	0.0000215	0.000425	0.00032	0.00128	0.0577
2085 Jan	188	0.0608	0.0838	0.00253	22.6	0.042	46.8	0.00109	0.000938	0.00000486	0.00642	0.00145	0.0401	0.021	0.00000504	25.4	0.0000215	0.000425	0.00032	0.00128	0.0577
2085 Feb	188	0.0608	0.0838	0.00253	22.6	0.042	46.8	0.00109	0.000938	0.00000486	0.00642	0.00145	0.0401	0.021	0.00000504	25.4	0.0000215	0.000425	0.00032	0.00128	0.0577
2085 Mar	188	0.0608	0.0838	0.00253	22.6	0.042	46.8	0.00109	0.000938	0.00000486	0.00642	0.00145	0.0401	0.021	0.00000504	25.4	0.0000215	0.000425	0.00032	0.00128	0.0577
2085 Apr	188	0.0609	0.0839	0.00253	22.6	0.042	46.8	0.00109	0.000938	0.00000486	0.00642	0.00145	0.0401	0.021	0.00000504	25.4	0.0000215	0.000426	0.00032	0.00128	0.0577
2085 May	188	0.0609	0.0839	0.00253	22.6	0.0421	46.9	0.00109	0.000938	0.00000486	0.00642	0.00145	0.0402	0.021	0.00000504	25.5	0.0000216	0.000427	0.000321	0.00128	0.0578
2085 Jun	187	0.061	0.0839	0.00253	22.6	0.0417	46.2	0.00109	0.000938	0.00000486	0.0064	0.00146	0.0397	0.0211	0.00000504	25.4	0.0000214	0.000429	0.000321	0.00127	0.0579
2085 Jul	188	0.0611	0.0841	0.00254	22.7	0.0419	46.6	0.00109	0.00094	0.00000487	0.00642	0.00146	0.04	0.0211	0.00000505	25.5	0.0000215	0.00043	0.000322	0.00128	0.0581
2085 Aug	190	0.0612	0.0843	0.00254	22.7	0.0423	47.4	0.00109	0.000939	0.00000487	0.00643	0.00146	0.0406	0.0211	0.00000505	25.7	0.0000216	0.000431	0.000323	0.00129	0.0581
2085 Sep	192	0.0611	0.0843	0.00254	22.7	0.0427	48.3	0.00109	0.000938	0.00000486	0.00644	0.00147	0.0413	0.0211	0.00000505	25.8	0.0000217	0.000432	0.000324	0.00129	0.058
2085 Oct	192	0.0611	0.0843	0.00254	22.6	0.0429	48.8	0.00109	0.000936	0.00000486	0.00644	0.00147	0.0417	0.0211	0.00000504	25.9	0.0000218	0.000434	0.000324	0.0013	0.0579
2085 Nov	192	0.0612	0.0842	0.00254	22.6	0.0429	48.8	0.00109	0.000935	0.00000485	0.00643	0.00147	0.0417	0.0211	0.00000504	25.9	0.0000218	0.000434	0.000324	0.0013	0.0579
2085 Dec	192	0.0612	0.0842	0.00254	22.6	0.0429	48.9	0.00109	0.000935	0.00000485	0.00643	0.00147	0.0417	0.0211	0.00000504	25.9	0.0000218	0.000434	0.000324	0.0013	0.0579
2086 Jan	192	0.0612	0.0842	0.00254	22.6	0.0429	48.9	0.00109	0.000935	0.00000485	0.00643	0.00147	0.0417	0.0211	0.00000504	25.9	0.0000218	0.000434	0.000324	0.0013	0.0579
2086 Feb	192	0.0612	0.0842	0.00254	22.6	0.0429	48.9	0.00109	0.000935	0.00000485	0.00643	0.00147	0.0417	0.0211	0.00000504	25.9	0.0000218	0.000434	0.000324	0.0013	0.0579
2086 Mar	192	0.0612	0.0842	0.00254	22.6	0.0429	48.9	0.00109	0.000935	0.00000485	0.00643	0.00147	0.0417	0.0211	0.00000504	25.9	0.0000218	0.000434	0.000324	0.0013	0.0579
2086 Apr	192	0.0612	0.0842	0.00254	22.6	0.0429	48.9	0.00109	0.000936	0.00000485	0.00643	0.00147	0.0417	0.0211	0.00000504	25.9	0.0000218	0.000434	0.000324	0.0013	0.0579
2086 May	192	0.0612	0.0843	0.00254	22.6	0.043	49	0.00109	0.000936	0.00000486	0.00644	0.00147	0.0418	0.0211	0.00000505	26	0.0000218	0.000435	0.000324	0.0013	0.0579
2086 Jun	187	0.0612	0.084	0.00254	22.5	0.0419	46.5	0.0011	0.000935	0.00000485	0.00639	0.00147	0.0401	0.0212	0.00000503	25.5	0.0000214	0.000439	0.000323	0.00128	0.0581
2086 Jul	187	0.0613	0.0844	0.00255	22.5	0.0419	46.3	0.0011	0.000936	0.00000486	0.0064	0.00148	0.04	0.0212	0.00000503	25.5	0.0000214	0.000442	0.000323	0.00128	0.0581
2086 Aug	188	0.0614	0.0846	0.00255	22.5	0.0422	47.1	0.0011	0.000936	0.00000486	0.00641	0.00148	0.0405	0.0212	0.00000504	25.7	0.0000215	0.000443	0.000324	0.00129	0.0582
2086 Sep	190	0.0613	0.0846	0.00256	22.5	0.0426	48	0.0011	0.000935	0.00000485	0.00642	0.00148	0.0412	0.0212	0.00000504	25.8	0.0000216	0.000444	0.000325	0.00129	0.0581
2086 Oct	191	0.0613	0.0846	0.00256	22.5	0.0428	48.6	0.0011	0.000935	0.00000485	0.00642	0.00148	0.0416	0.0212	0.00000504	25.9	0.0000217	0.000445	0.000325	0.0013	0.0581
2086 Nov	191	0.0613	0.0846	0.00256	22.5	0.0429	48.7	0.0011	0.000935	0.00000485	0.00642	0.00148	0.0417	0.0212	0.00000504	26	0.0000217	0.000445	0.000325	0.0013	0.0581
2086 Dec	191	0.0613	0.0846	0.00256	22.5	0.0429	48.7	0.0011	0.000935	0.00000485	0.00642	0.00148	0.0417	0.0212	0.00000504	26	0.0000217	0.000445	0.000325	0.0013	0.0581
2087 Jan	191	0.0613	0.0846	0.00256	22.5	0.0429	48.7	0.0011	0.000935	0.00000485	0.00642	0.00148	0.0417	0.0212	0.00000504	26	0.0000217	0.000445	0.000325	0.0013	0.0581
2087 Feb	191	0.0613	0.0846	0.00256	22.5	0.0429	48.7	0.0011	0.000935	0.00000485	0.00642	0.00148	0.0417	0.0212	0.00000504	26	0.0000217	0.000445	0.000325	0.0013	0.0581
2087 Mar	191	0.0613	0.0846	0.00256	22.5	0.0429	48.7	0.0011	0.000935	0.00000485	0.00643	0.00148	0.0417	0.0212	0.00000504	26	0.0000217	0.000445	0.000325	0.0013	0.0581
2087 Apr	191	0.0613	0.0846	0.00256	22.5	0.0429	48.7	0.0011	0.000935	0.00000485	0.00643	0.00149	0.0417	0.0212	0.00000504	26	0.0000217	0.000445	0.000325	0.0013	0.0581
2087 May	190	0.0614	0.0846	0.00256	22.5	0.0428	48.4	0.0011	0.000935	0.00000485	0.00642	0.00149	0.0415	0.0212	0.00000504	25.9	0.0000217	0.000446	0.000326	0.0013	0.0582
2087 Jun	187	0.0614	0.0846	0.00256	22.5	0.042	46.5	0.00111	0.000935	0.00000485	0.00639	0.00149	0.0402	0.0214	0.00000504	25.7	0.0000214	0.000449	0.000327	0.00128	0.0586
2087 Jul	188	0.0615	0.0848	0.00256	22.5	0.0422	47.1	0.00111	0.000937	0.00000486	0.0064	0.0015	0.0405	0.0214	0.00000505	25.8	0.0000215	0.000451	0.000328	0.00129	0.0586
2087 Aug	189	0.0616	0.085	0.00257	22.6	0.0424	47.5	0.00111	0.000938	0.00000487	0.00642	0.0015	0.0409	0.0215	0.00000506	25.9	0.0000216	0.000452	0.000328	0.00129	0.0587
2087 Sep	190	0.0617	0.0852	0.00257	22.6	0.0427	48.2	0.00111	0.000938	0.00000487	0.00643	0.0015	0.0414	0.0215	0.00000506	26.1	0.0000217	0.000453	0.000329	0.0013	0.0588
2087 Oct	192	0.0617	0.0852	0.00257	22.6	0.043	48.8	0.00111	0.000937	0.00000487	0.00644	0.0015	0.0418	0.0215	0.00000506	26.2	0.0000218	0.000454	0.00033	0.00131	0.0587
2087 Nov	192	0.0617	0.0851	0.00257	22.6	0.043	49	0.00111	0.000937	0.00000486	0.00644	0.0015	0.042	0.0215	0.00000506	26.2	0.0000218	0.000454	0.00033	0.00131	0.0587
2087 Dec	192	0.0617	0.0851	0.00257	22.6	0.0431	49.1	0.00111	0.000937	0.00000486	0.00644	0.0015	0.042	0.0215	0.00000506	26.2	0.0000218	0.000454	0.00033	0.00131	0.0587
2088 Jan	192	0.0617	0.0851	0.00257	22.6	0.0431	49.1	0.00111	0.000937	0.00000486	0.00644	0.0015	0.042	0.0215	0.00000506	26.2	0.0000218	0.000454	0.00033	0.00131	0.0587
2088 Feb	192	0.0617	0.0851	0.00257	22.6	0.0431	49.1	0.00111	0.000937	0.00000486	0.00644	0.0015	0.042	0.0215	0.00000506	26.2	0.0000218	0.000454	0.00033	0.00131	0.0587
2088 Mar	192	0.0617	0.0851	0.00257	22.6	0.0431	49.1	0.00111	0.000937	0.00000486	0.00644	0.0015	0.0421	0.0215	0.00000506	26.2	0.0000218	0.000454	0.00033	0.00131	0.0587

Appendix D.3-4: FZONE

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2088 Apr	192	0.0617	0.0852	0.00257	22.6	0.0431	49.1	0.00111	0.000937	0.00000487	0.00644	0.00151	0.0421	0.0215	0.00000506	26.3	0.0000218	0.000454	0.00033	0.00131	0.0587
2088 May	192	0.0617	0.0853	0.00258	22.6	0.0432	49.2	0.00111	0.000938	0.00000487	0.00645	0.00151	0.0421	0.0215	0.00000507	26.3	0.0000219	0.000455	0.000331	0.00131	0.0588
2088 Jun	191	0.0615	0.0851	0.00258	22.5	0.0428	48.5	0.00111	0.000939	0.00000487	0.00645	0.00151	0.0416	0.0214	0.00000507	26.1	0.0000218	0.000455	0.000329	0.0013	0.0587
2088 Jul	192	0.0616	0.0853	0.00258	22.6	0.0429	48.6	0.00112	0.000941	0.00000488	0.00646	0.00151	0.0417	0.0215	0.00000508	26.2	0.0000219	0.000456	0.00033	0.00131	0.0588
2088 Aug	193	0.0618	0.0856	0.00259	22.6	0.0432	49	0.00112	0.000944	0.0000049	0.00648	0.00151	0.0421	0.0215	0.00000509	26.3	0.000022	0.000458	0.000331	0.00131	0.059
2088 Sep	194	0.0618	0.0857	0.00259	22.6	0.0434	49.6	0.00112	0.000944	0.0000049	0.00649	0.00152	0.0425	0.0216	0.0000051	26.4	0.000022	0.000459	0.000332	0.00132	0.059
2088 Oct	195	0.0617	0.0856	0.00259	22.6	0.0437	50.2	0.00112	0.000942	0.00000489	0.00649	0.00152	0.0429	0.0215	0.00000509	26.5	0.0000221	0.000459	0.000332	0.00132	0.0589
2088 Nov	195	0.0617	0.0856	0.00259	22.6	0.0437	50.3	0.00112	0.000941	0.00000489	0.00649	0.00152	0.043	0.0215	0.00000509	26.5	0.0000221	0.000459	0.000332	0.00132	0.0589
2088 Dec	195	0.0617	0.0856	0.00259	22.6	0.0437	50.3	0.00112	0.000941	0.00000489	0.00649	0.00152	0.043	0.0215	0.00000509	26.5	0.0000221	0.000459	0.000332	0.00132	0.0589
2089 Jan	195	0.0617	0.0856	0.00259	22.6	0.0437	50.3	0.00112	0.000941	0.00000489	0.00649	0.00152	0.043	0.0215	0.00000509	26.5	0.0000221	0.000459	0.000332	0.00132	0.0589
2089 Feb	195	0.0617	0.0856	0.00259	22.6	0.0437	50.3	0.00112	0.000941	0.00000489	0.00649	0.00152	0.043	0.0215	0.00000509	26.5	0.0000221	0.000459	0.000332	0.00132	0.0589
2089 Mar	195	0.0618	0.0856	0.00259	22.6	0.0437	50.4	0.00112	0.000941	0.00000489	0.00649	0.00152	0.043	0.0215	0.00000509	26.5	0.0000221	0.000459	0.000332	0.00132	0.0589
2089 Apr	195	0.0618	0.0856	0.00259	22.6	0.0437	50.4	0.00112	0.000942	0.00000489	0.0065	0.00152	0.043	0.0215	0.00000509	26.5	0.0000221	0.000459	0.000332	0.00132	0.0589
2089 May	195	0.0618	0.0855	0.00259	22.6	0.0436	50	0.00112	0.000943	0.0000049	0.0065	0.00152	0.0428	0.0216	0.0000051	26.5	0.0000221	0.00046	0.000332	0.00132	0.0591
2089 Jun	192	0.0619	0.0851	0.00258	22.5	0.0431	48.8	0.00112	0.000945	0.0000049	0.0065	0.00152	0.0419	0.0217	0.0000051	26.4	0.000022	0.000461	0.000334	0.00131	0.0595
2089 Jul	194	0.062	0.0853	0.00259	22.6	0.0434	49.4	0.00112	0.000946	0.00000491	0.00652	0.00153	0.0424	0.0218	0.00000511	26.5	0.0000221	0.000463	0.000335	0.00132	0.0596
2089 Aug	195	0.0621	0.0854	0.00259	22.6	0.0437	50.1	0.00112	0.000948	0.00000492	0.00654	0.00153	0.0429	0.0218	0.00000512	26.7	0.0000222	0.000464	0.000336	0.00133	0.0597
2089 Sep	197	0.0621	0.0855	0.0026	22.6	0.0441	51	0.00112	0.000947	0.00000492	0.00655	0.00154	0.0435	0.0218	0.00000512	26.9	0.0000223	0.000465	0.000337	0.00134	0.0597
2089 Oct	198	0.0621	0.0853	0.00259	22.6	0.0443	51.6	0.00112	0.000945	0.00000491	0.00655	0.00154	0.044	0.0218	0.00000512	27	0.0000224	0.000466	0.000337	0.00134	0.0596
2089 Nov	198	0.0621	0.0853	0.00259	22.5	0.0444	51.6	0.00112	0.000945	0.00000491	0.00655	0.00154	0.044	0.0218	0.00000512	27	0.0000224	0.000466	0.000337	0.00134	0.0596
2089 Dec	198	0.0621	0.0853	0.00259	22.5	0.0444	51.7	0.00112	0.000945	0.00000491	0.00655	0.00154	0.0441	0.0218	0.00000512	27	0.0000224	0.000466	0.000337	0.00134	0.0596
2090 Jan	198	0.0621	0.0853	0.00259	22.5	0.0444	51.7	0.00112	0.000945	0.00000491	0.00655	0.00154	0.0441	0.0218	0.00000512	27	0.0000224	0.000466	0.000337	0.00134	0.0596
2090 Feb	198	0.0621	0.0853	0.00259	22.5	0.0444	51.7	0.00112	0.000945	0.00000491	0.00655	0.00154	0.0441	0.0218	0.00000512	27	0.0000224	0.000466	0.000337	0.00134	0.0596
2090 Mar	198	0.0621	0.0853	0.00259	22.5	0.0444	51.7	0.00112	0.000945	0.00000491	0.00655	0.00154	0.0441	0.0218	0.00000512	27	0.0000224	0.000466	0.000337	0.00134	0.0596
2090 Apr	198	0.0621	0.0853	0.00259	22.6	0.0444	51.7	0.00112	0.000945	0.00000491	0.00656	0.00154	0.0441	0.0218	0.00000512	27	0.0000224	0.000466	0.000337	0.00134	0.0596
2090 May	198	0.0622	0.0853	0.00259	22.6	0.0446	52	0.00112	0.000946	0.00000491	0.00656	0.00154	0.0443	0.0218	0.00000512	27.1	0.0000225	0.000467	0.000338	0.00135	0.0597
2090 Jun	192	0.0623	0.084	0.00257	22.4	0.0439	50.2	0.00113	0.000948	0.00000492	0.00656	0.00155	0.0431	0.0221	0.00000512	27	0.0000223	0.000472	0.000341	0.00134	0.0605
2090 Jul	193	0.0624	0.0843	0.00257	22.4	0.0439	50.3	0.00113	0.000949	0.00000492	0.00657	0.00155	0.0432	0.0222	0.00000513	27	0.0000223	0.000474	0.000342	0.00134	0.0607
2090 Aug	194	0.0623	0.0843	0.00258	22.4	0.0441	50.7	0.00113	0.000948	0.00000492	0.00657	0.00156	0.0435	0.0221	0.00000513	27.1	0.0000223	0.000475	0.000341	0.00134	0.0606
2090 Sep	194	0.0624	0.0843	0.00258	22.4	0.0443	50.9	0.00113	0.000947	0.00000492	0.00657	0.00156	0.0437	0.0221	0.00000513	27.1	0.0000223	0.000476	0.000341	0.00134	0.0604
2090 Oct	192	0.0624	0.0842	0.00258	22.3	0.0442	50.4	0.00113	0.000947	0.00000491	0.00656	0.00156	0.0434	0.022	0.00000512	27	0.0000222	0.000477	0.000339	0.00134	0.0602
2090 Nov	192	0.0625	0.0842	0.00258	22.3	0.0441	50.3	0.00113	0.000946	0.00000491	0.00655	0.00156	0.0433	0.022	0.00000512	26.9	0.0000222	0.000478	0.000338	0.00134	0.0601
2090 Dec	192	0.0625	0.0842	0.00258	22.3	0.0442	50.3	0.00113	0.000946	0.00000491	0.00655	0.00156	0.0433	0.022	0.00000512	26.9	0.0000222	0.000478	0.000338	0.00134	0.0601
2091 Jan	192	0.0625	0.0842	0.00258	22.3	0.0442	50.3	0.00113	0.000946	0.00000491	0.00655	0.00156	0.0433	0.022	0.00000512	26.9	0.0000222	0.000478	0.000338	0.00134	0.0601
2091 Feb	192	0.0625	0.0842	0.00258	22.3	0.0442	50.3	0.00113	0.000946	0.00000491	0.00655	0.00156	0.0433	0.022	0.00000512	26.9	0.0000222	0.000478	0.000338	0.00134	0.0601
2091 Mar	192	0.0625	0.0842	0.00258	22.3	0.0442	50.3	0.00113	0.000946	0.00000491	0.00655	0.00156	0.0433	0.022	0.00000512	26.9	0.0000222	0.000478	0.000338	0.00134	0.0601
2091 Apr	192	0.0625	0.0842	0.00258	22.3	0.0442	50.3	0.00113	0.000946	0.00000491	0.00656	0.00156	0.0434	0.022	0.00000512	27	0.0000222	0.000478	0.000338	0.00134	0.0601
2091 May	192	0.0626	0.0843	0.00258	22.3	0.0442	50.3	0.00114	0.000947	0.00000492	0.00656	0.00156	0.0433	0.022	0.00000513	27	0.0000222	0.000479	0.000339	0.00134	0.0602
2091 Jun	188	0.063	0.0843	0.00258	22.3	0.0434	48.2	0.00114	0.000948	0.00000492	0.00653	0.00157	0.0419	0.0222	0.00000512	26.7	0.0000219	0.000483	0.000339	0.00132	0.0606
2091 Jul	188	0.0631	0.0845	0.00259	22.3	0.0436	48.5	0.00115	0.000951	0.00000493	0.00655	0.00157	0.0421	0.0222	0.00000514	26.8	0.000022	0.000485	0.00034	0.00133	0.0607
2091 Aug	190	0.0631	0.0847	0.00259	22.3	0.0439	49.3	0.00115	0.00095	0.00000493	0.00656	0.00158	0.0427	0.0222	0.00000514	26.9	0.0000221	0.000486	0.000341	0.00134	0.0607
2091 Sep	192	0.0631	0.0847	0.00259	22.3	0.0443	50.2	0.00114	0.000949	0.00000493	0.00657	0.00158	0.0434	0.0222	0.00000514	27.1	0.0000222	0.000487	0.000341	0.00134	0.0606
2091 Oct	192	0.0631	0.0846	0.00259	22.3	0.0445	50.7	0.00114	0.000948	0.00000492	0.00657	0.00158	0.0437	0.0222	0.00000514	27.2	0.0000222	0.000488	0.000341	0.00135	0.0605
2091 Nov	191	0.0631	0.0846	0.00259	22.2	0.0445	50.4	0.00114	0.000947	0.00000492	0.00656	0.00158	0.0436	0.0222	0.00000513	27.1	0.0000221	0.000489	0.00034	0.00134	0.0604
2091 Dec	191	0.0632	0.0846	0.00259	22.2	0.0445	50.5	0.00114	0.000947	0.00000492	0.00656	0.00158	0.0436	0.0222	0.00000513	27.1	0.0000221	0.000489	0.00034	0.00134	0.0604
2092 Jan	191	0.0632	0.0846	0.00259	22.2	0.0445	50.5	0.00114	0.000947	0.00000492	0.00656	0.00158	0.0437	0.0222	0.00000513	27.1	0.0000221	0.000489	0.00034	0.00135	0.0604
2092 Feb	191	0.0632	0.0846	0.00259	22.2	0.0445	50.5	0.00114	0.000947	0.00000492	0.00656	0.00158	0.0437	0.0222	0.00000513	27.1	0.0000221	0.000489	0.00034	0.00135	0.0604
2092 Mar	191	0.0632	0.0846	0.00259	22.2	0.0445	50.5	0.00114	0.000947	0.00000492	0.00656	0.00158	0.0437	0.0222	0.00000513	27.1	0.0000221	0.000489	0.00034	0.00135	0.0604
2092 Apr	192	0.0632	0.0846	0.00259	22.3	0.0446	50.5	0.00114	0.000947	0.00000492	0.00657	0.00158	0.0437	0.0222	0.00000513	27.1	0.0000221	0.000489	0.000341	0.00135	0.0604
2092 May	191	0.0633	0.0846	0.00259	22.3	0.0446	50.6	0.00115	0.000948	0.00000492	0.00657	0.00158	0.0438	0.0222	0.00000514	27.2	0.0000222	0.000491	0.000341	0.00135	0.0605
2092 Jun	185	0.0635	0.0847	0.00259	22.2	0.0436	48	0.00116	0.000946	0.00000491	0.00651	0.00159	0.042	0.0224	0.00000512	26.8	0.0000217	0.000499	0.000341	0.00133	0.0608
2092 Jul	186	0.0635	0.085	0.0026	22.2	0.0436	48.1	0.00116	0.000946	0.00000491	0.00651	0.0016	0.0421	0.0224	0.00000512	26.8	0.0000217	0.000501	0.000341	0.00133	0.0608
2092 Aug	187	0.0636	0.0852	0.00261	22.3	0.0439	48.8	0.00116	0.000947	0.00000492	0.00653	0.0016	0.0426	0.0224	0.00000513	27	0.0000219	0.000503	0.000343	0.00134	0.0609
2092 Sep	189	0.0636	0.0852	0.00261	22.2	0.0445	50.1	0.00116	0.000946	0.00000492	0.00654	0.00161	0.0436	0.0224	0.00000513	27.2	0.000022	0.000505	0.000344	0.00135	0.0609
2092 Oct	191	0.0635	0.0852	0.00261	22.2	0.0449	51.1	0.00116	0.000945	0.00000491	0.00655	0.00161	0.0443	0.0224	0.00000513	27.4	0.0000221	0.000506	0.000345	0.00136	0.0608
2092 Nov	191	0.0635	0.0852	0.00261	22.2	0.045	51.4	0.00116	0.000945	0.00000491	0.00655	0.00161	0.0446	0.0224	0.00000513	27.5	0.0000222	0.000506	0.000345	0.00136	0.0608
2092 Dec	191	0.0635	0.0852	0.00261	22.2	0.045	51.4	0.00116	0.000945	0.00000491	0.00655	0.00161	0.0446	0.0224	0.00000513	27.5	0.0000222	0.000506	0.000345	0.00136	0.0608
2093 Jan	191	0.0635	0.0852	0.00261	22.2	0.045	51.4	0.00116	0.000945	0.00000491	0.00655	0.00161	0.0446	0.0224	0.00000513	27.5	0.0000222	0.000506	0.000345	0.00136	0.0608
2093 Feb	191	0.0635	0.0852	0.00261	22.2	0.045	51.5	0.00116	0.000945	0.00000491	0.00655	0.00161	0.0446	0.0224	0.00000513	27.5	0.0000222	0.000506	0.000345	0.00136	0.0608
2093 Mar	191	0.0635	0.0852	0.00261	22.2	0.0451	51.5	0.00116	0.000945	0.00000491	0.00656	0.00161	0.0446	0.0224	0.00000513	27.5	0.0000222	0.000506	0.000345	0.00136	0.0608
2093 Apr	191	0.0635	0.0852	0.00261	22.2	0.0451	51.5	0.00116	0.000945	0.00000491	0.00656	0.00161	0.0446	0.0224	0.00000514	27.5	0.0000222	0.000506	0.000345	0.00136	0.0608
2093 May	191	0.0636	0.0853	0.00261	22.2	0.0452	51.6	0.00116	0.000945	0.00000491	0.00656	0.00161	0.0448	0.0224	0.00000514	27.6	0.0000222	0.000508	0.000346	0.00136	0.0609
2093 Jun	188	0.0636	0.0854	0.00261	22.2	0.0444	50	0.00116	0.000945	0.00000491	0.00653	0.00162	0.0436	0.0225	0.00000513	27.3	0.000022	0.000512	0.000346	0.00135	0.0612
2093 Jul	189	0.0637	0.0857	0.00262	22.3	0.0445	50.3	0.00116	0.000946	0.00000492	0.00654	0.00162	0.0438	0.0226	0.00000514	27.4	0.0000221	0.000514	0.000347	0.00135	0.0613
2093 Aug	191	0.0638	0.0859	0.00263	22.3	0.0448	50.9	0.00117	0.000947	0.00000493	0.00656	0.00163	0.0443	0.0226	0.00000515	27.6	0.0000222	0.000515	0.000348	0.00136	0.0614
2093 Sep	192	0.0638	0.086	0.00263	22.3	0.0452	51.7	0.00117	0.000947	0.00000492	0.00657	0.00163	0.0449	0.0226	0.00000515	27.7	0.0000223	0.000516	0.000349	0.00137	0.0613
2093 Oct	193	0.0638	0.0859	0.00263	22.3	0.0454	52.3	0.00116	0.000944	0.00000491	0.00656	0.00163	0.0453	0.0226	0.00000514	27.8	0.0000223	0.000516	0.000349	0.00137	0.0612
2093 Nov	193	0.0638	0.0858	0.00263	22.2	0.0454	52.3	0.00116	0.000943	0.00000491	0.00656	0.00163	0.0453	0.0225	0.00000514	27.8	0.0000223	0.000517	0.000348	0.00137	0.0611
2093 Dec	193	0.0639	0.0858	0.00263	22.2	0.0455	52.3	0.00116	0.000943	0.00000491	0.00656	0.00163	0.0454	0.0225	0.00000514	27.8	0.0000223	0.000517	0.000348	0.00137	0.0611
2094 Jan	193	0.0639	0.0858	0.00263	22.2	0.0455	52.4	0.00116	0.000943	0.00000491	0.00656	0.00163	0.0454	0.0225	0.00000514	27.8	0.0000223	0.000517	0.000348	0.00137	0.0611
2094 Feb	193	0.0639	0.0858	0.00263	22.2	0.0455	52.4	0.00116	0.000943	0.00000491	0.00656	0.00163	0.0454	0.0225	0.00000514	27.8	0.0000223	0.000517	0.000348	0.00137	0.0611
2094 Mar	193	0.0639	0.0858	0.00263	22.2	0.0455	52.4	0.00116	0.000943	0.00000491	0.00656	0.00163	0.0454	0.0225	0.00000514	27.8	0.0000223	0.000517	0.000348	0.00137	0.0611
2094 Apr	193	0.0639	0.0858	0.00263	22.2	0.0455	52.4	0.00116	0.000944	0.00000491	0.00656	0.00163	0.0454	0.0225	0.00000514	27.8	0.0000223	0.000517	0.000349	0.00137	0.0611
2094 May	192	0.064	0.0859	0.00263	22.2	0.0454	52.2	0.00117	0.000943	0.00000491	0.00656	0.00163	0.0453	0.0226	0.00000514	27.8	0.0000223	0.000519	0.000349	0.00137	0.0612
2094 Jun	190	0.0643	0.086	0.00263	22.2	0.0451	51.4	0.00117	0.000943	0.00000491	0.00655	0.00164	0.0447	0.0227	0.00000514	27.7	0.0000222	0.000524	0.00035	0.00137	0.0615
2094 Jul	192	0.0645	0.0864	0.00264	22.3	0.0454	51.9	0.00117	0.000946	0.00000492	0.00657	0.00165	0.0451	0.0228	0.00000515	27.9	0.0000223	0.000526	0.000352	0.00137	0.0617
2094 Aug	193	0.0646	0.0866	0.00265	22.4	0.0458	52.7	0.00118	0.000948	0.00000493	0.0066	0.00165	0.0458	0.0228	0.00000517	28.1	0.0000224	0.000528	0.000353	0.00138	0.0618

Appendix D.3-4: FZONE

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2094 Sep	195	0.0646	0.0867	0.00265	22.4	0.0462	53.6	0.00117	0.000947	0.00000493	0.00661	0.00166	0.0465	0.0228	0.00000517	28.3	0.0000225	0.000529	0.000354	0.00139	0.0618
2094 Oct	196	0.0646	0.0866	0.00265	22.3	0.0466	54.6	0.00117	0.000945	0.00000492	0.00661	0.00166	0.0472	0.0228	0.00000516	28.4	0.0000226	0.00053	0.000355	0.0014	0.0617
2094 Nov	197	0.0645	0.0864	0.00265	22.3	0.0468	55.2	0.00117	0.000943	0.00000491	0.00661	0.00166	0.0476	0.0227	0.00000516	28.5	0.0000227	0.00053	0.000355	0.0014	0.0616
2094 Dec	197	0.0645	0.0864	0.00264	22.3	0.0468	55.2	0.00117	0.000943	0.00000491	0.00661	0.00166	0.0477	0.0227	0.00000516	28.5	0.0000227	0.00053	0.000355	0.0014	0.0615
2095 Jan	197	0.0645	0.0864	0.00264	22.3	0.0468	55.3	0.00117	0.000943	0.00000491	0.00661	0.00166	0.0477	0.0227	0.00000516	28.6	0.0000227	0.00053	0.000355	0.0014	0.0615
2095 Feb	197	0.0646	0.0864	0.00264	22.3	0.0468	55.3	0.00117	0.000943	0.00000491	0.00661	0.00166	0.0477	0.0227	0.00000516	28.6	0.0000227	0.00053	0.000355	0.0014	0.0615
2095 Mar	197	0.0646	0.0864	0.00264	22.3	0.0469	55.3	0.00117	0.000943	0.00000491	0.00661	0.00166	0.0477	0.0227	0.00000516	28.6	0.0000227	0.00053	0.000355	0.0014	0.0616
2095 Apr	197	0.0646	0.0864	0.00265	22.3	0.0469	55.3	0.00117	0.000943	0.00000491	0.00661	0.00166	0.0477	0.0228	0.00000516	28.6	0.0000227	0.000531	0.000355	0.00141	0.0616
2095 May	197	0.0647	0.0865	0.00265	22.3	0.0468	55.1	0.00117	0.000944	0.00000491	0.00661	0.00166	0.0475	0.0228	0.00000516	28.6	0.0000227	0.000531	0.000355	0.0014	0.0617
2095 Jun	196	0.0649	0.0866	0.00265	22.3	0.0466	54.6	0.00117	0.000945	0.00000492	0.00662	0.00166	0.0472	0.0229	0.00000516	28.5	0.0000227	0.000533	0.000356	0.0014	0.0619
2095 Jul	198	0.0651	0.0869	0.00266	22.4	0.0468	55	0.00118	0.000948	0.00000493	0.00664	0.00167	0.0475	0.0229	0.00000518	28.6	0.0000227	0.000535	0.000357	0.00141	0.0621
2095 Aug	199	0.0652	0.087	0.00266	22.4	0.0471	55.6	0.00118	0.000947	0.00000493	0.00664	0.00167	0.0479	0.0229	0.00000518	28.8	0.0000228	0.000535	0.000358	0.00141	0.062
2095 Sep	201	0.0652	0.0871	0.00267	22.4	0.0474	56.4	0.00118	0.000947	0.00000493	0.00665	0.00167	0.0485	0.0229	0.00000518	28.9	0.0000229	0.000536	0.000359	0.00142	0.062
2095 Oct	202	0.0651	0.0871	0.00267	22.4	0.0477	57.1	0.00118	0.000946	0.00000492	0.00666	0.00168	0.049	0.0229	0.00000518	29	0.000023	0.000537	0.000359	0.00143	0.062
2095 Nov	203	0.0651	0.087	0.00266	22.4	0.0479	57.6	0.00117	0.000945	0.00000492	0.00666	0.00168	0.0494	0.0229	0.00000518	29.1	0.0000231	0.000537	0.00036	0.00143	0.0619
2095 Dec	203	0.0651	0.087	0.00266	22.4	0.0479	57.6	0.00117	0.000945	0.00000492	0.00666	0.00168	0.0494	0.0229	0.00000518	29.1	0.0000231	0.000537	0.00036	0.00143	0.0619
2096 Jan	203	0.0651	0.087	0.00266	22.4	0.0479	57.6	0.00117	0.000945	0.00000492	0.00666	0.00168	0.0494	0.0229	0.00000518	29.1	0.0000231	0.000537	0.00036	0.00143	0.0619
2096 Feb	203	0.0651	0.087	0.00266	22.4	0.0479	57.7	0.00117	0.000945	0.00000492	0.00666	0.00168	0.0495	0.0229	0.00000518	29.1	0.0000231	0.000537	0.00036	0.00143	0.0619
2096 Mar	203	0.0651	0.087	0.00266	22.4	0.0479	57.7	0.00117	0.000945	0.00000492	0.00666	0.00168	0.0495	0.0229	0.00000518	29.2	0.0000231	0.000537	0.00036	0.00143	0.0619
2096 Apr	203	0.0651	0.087	0.00266	22.4	0.048	57.7	0.00117	0.000945	0.00000492	0.00666	0.00168	0.0495	0.0229	0.00000518	29.2	0.0000231	0.000538	0.00036	0.00143	0.062
2096 May	203	0.0651	0.087	0.00266	22.4	0.0482	58.2	0.00117	0.000945	0.00000492	0.00667	0.00168	0.0499	0.0229	0.00000519	29.3	0.0000232	0.000539	0.000361	0.00144	0.062
2096 Jun	198	0.0651	0.0863	0.00265	22.2	0.0473	56	0.00118	0.000945	0.00000492	0.00666	0.00168	0.0483	0.023	0.00000518	28.9	0.0000229	0.000542	0.000359	0.00142	0.0622
2096 Jul	198	0.0652	0.0866	0.00266	22.2	0.0472	55.7	0.00118	0.000947	0.00000493	0.00667	0.00169	0.0481	0.023	0.00000518	28.9	0.0000229	0.000544	0.000359	0.00142	0.0623
2096 Aug	199	0.0653	0.0868	0.00267	22.3	0.0474	56.2	0.00119	0.000949	0.00000494	0.00669	0.00169	0.0486	0.0231	0.0000052	29	0.000023	0.000546	0.00036	0.00142	0.0624
2096 Sep	200	0.0653	0.0869	0.00267	22.3	0.0477	56.9	0.00118	0.000948	0.00000494	0.00669	0.00169	0.0491	0.0231	0.0000052	29.1	0.0000231	0.000547	0.000361	0.00143	0.0623
2096 Oct	201	0.0653	0.0867	0.00267	22.2	0.048	57.6	0.00118	0.000946	0.00000492	0.00669	0.00169	0.0496	0.023	0.00000519	29.2	0.0000232	0.000547	0.000361	0.00143	0.0622
2096 Nov	202	0.0653	0.0867	0.00267	22.2	0.0481	57.8	0.00118	0.000945	0.00000492	0.00669	0.00169	0.0497	0.023	0.00000519	29.2	0.0000232	0.000547	0.000361	0.00144	0.0621
2096 Dec	202	0.0653	0.0867	0.00267	22.2	0.0481	57.8	0.00118	0.000945	0.00000492	0.00669	0.00169	0.0497	0.023	0.00000519	29.3	0.0000232	0.000547	0.000361	0.00144	0.0621
2097 Jan	202	0.0653	0.0867	0.00266	22.2	0.0481	57.8	0.00118	0.000945	0.00000492	0.00669	0.00169	0.0497	0.023	0.00000519	29.3	0.0000232	0.000547	0.000361	0.00144	0.0621
2097 Feb	202	0.0653	0.0867	0.00266	22.2	0.0481	57.8	0.00118	0.000945	0.00000492	0.00669	0.00169	0.0497	0.023	0.00000519	29.3	0.0000232	0.000547	0.000361	0.00144	0.0621
2097 Mar	202	0.0653	0.0867	0.00267	22.2	0.0481	57.8	0.00118	0.000945	0.00000492	0.00669	0.00169	0.0497	0.023	0.00000519	29.3	0.0000232	0.000547	0.000361	0.00144	0.0622
2097 Apr	202	0.0653	0.0867	0.00267	22.2	0.0481	57.8	0.00118	0.000946	0.00000492	0.00669	0.00169	0.0498	0.023	0.00000519	29.3	0.0000232	0.000547	0.000361	0.00144	0.0622
2097 May	202	0.0654	0.0868	0.00267	22.2	0.0481	57.8	0.00118	0.000946	0.00000493	0.0067	0.00169	0.0498	0.023	0.00000519	29.3	0.0000232	0.000548	0.000361	0.00144	0.0622
2097 Jun	199	0.0656	0.0868	0.00267	22.2	0.0476	56.4	0.00119	0.000948	0.00000493	0.00669	0.0017	0.0487	0.0231	0.00000519	29	0.000023	0.000549	0.00036	0.00143	0.0624
2097 Jul	200	0.0658	0.0871	0.00268	22.3	0.0478	56.8	0.00119	0.00095	0.00000495	0.00671	0.0017	0.049	0.0231	0.00000521	29.2	0.0000231	0.000551	0.000362	0.00143	0.0626
2097 Aug	201	0.0659	0.0873	0.00269	22.3	0.048	57.3	0.00119	0.000951	0.00000495	0.00673	0.00171	0.0494	0.0232	0.00000522	29.3	0.0000232	0.000553	0.000363	0.00144	0.0627
2097 Sep	203	0.0659	0.0874	0.00269	22.4	0.0482	57.8	0.00119	0.000951	0.00000495	0.00674	0.00171	0.0498	0.0232	0.00000522	29.4	0.0000233	0.000554	0.000363	0.00144	0.0627
2097 Oct	203	0.0659	0.0874	0.00269	22.3	0.0484	58.2	0.00119	0.000951	0.00000495	0.00674	0.00171	0.0501	0.0232	0.00000522	29.5	0.0000233	0.000554	0.000364	0.00145	0.0626
2097 Nov	204	0.0659	0.0874	0.00269	22.3	0.0485	58.4	0.00119	0.00095	0.00000495	0.00674	0.00171	0.0502	0.0232	0.00000522	29.5	0.0000234	0.000554	0.000364	0.00145	0.0626
2097 Dec	204	0.0659	0.0874	0.00269	22.3	0.0485	58.4	0.00119	0.00095	0.00000495	0.00674	0.00171	0.0502	0.0232	0.00000522	29.5	0.0000234	0.000554	0.000364	0.00145	0.0626
2098 Jan	204	0.0659	0.0874	0.00269	22.3	0.0485	58.4	0.00119	0.00095	0.00000495	0.00674	0.00171	0.0502	0.0232	0.00000522	29.5	0.0000234	0.000554	0.000364	0.00145	0.0626
2098 Feb	204	0.0659	0.0874	0.00269	22.3	0.0485	58.4	0.00119	0.00095	0.00000495	0.00674	0.00171	0.0502	0.0232	0.00000522	29.5	0.0000234	0.000554	0.000364	0.00145	0.0626
2098 Mar	204	0.0659	0.0874	0.00269	22.3	0.0485	58.4	0.00119	0.00095	0.00000495	0.00674	0.00171	0.0502	0.0232	0.00000522	29.5	0.0000234	0.000554	0.000364	0.00145	0.0626
2098 Apr	204	0.0659	0.0874	0.00269	22.3	0.0485	58.5	0.00119	0.00095	0.00000495	0.00674	0.00171	0.0503	0.0232	0.00000522	29.5	0.0000234	0.000554	0.000364	0.00145	0.0626
2098 May	203	0.066	0.0873	0.00269	22.3	0.0483	57.9	0.00119	0.000951	0.00000495	0.00674	0.00171	0.0498	0.0233	0.00000522	29.5	0.0000233	0.000555	0.000365	0.00144	0.0629
2098 Jun	197	0.0664	0.0871	0.00268	22.4	0.0469	54.9	0.0012	0.000952	0.00000496	0.00671	0.00172	0.0476	0.0236	0.00000521	29.1	0.000023	0.000558	0.000367	0.00142	0.0637
2098 Jul	198	0.0666	0.0874	0.00269	22.4	0.0471	55.1	0.0012	0.000955	0.00000497	0.00673	0.00172	0.0477	0.0236	0.00000522	29.2	0.000023	0.000561	0.000368	0.00143	0.0639
2098 Aug	200	0.0666	0.0876	0.0027	22.5	0.0474	55.8	0.0012	0.000955	0.00000497	0.00674	0.00173	0.0483	0.0237	0.00000523	29.3	0.0000231	0.000562	0.000369	0.00143	0.0639
2098 Sep	201	0.0666	0.0876	0.0027	22.4	0.0477	56.6	0.0012	0.000952	0.00000496	0.00674	0.00173	0.0488	0.0236	0.00000522	29.4	0.0000232	0.000562	0.000369	0.00144	0.0637
2098 Oct	201	0.0666	0.0875	0.00269	22.4	0.0478	56.8	0.0012	0.00095	0.00000495	0.00673	0.00173	0.0491	0.0236	0.00000521	29.5	0.0000232	0.000563	0.000369	0.00144	0.0636
2098 Nov	201	0.0667	0.0875	0.0027	22.3	0.0478	56.7	0.0012	0.00095	0.00000495	0.00673	0.00173	0.049	0.0236	0.00000521	29.4	0.0000232	0.000564	0.000368	0.00144	0.0636
2098 Dec	201	0.0667	0.0875	0.00269	22.3	0.0478	56.7	0.0012	0.00095	0.00000495	0.00673	0.00173	0.049	0.0236	0.00000521	29.4	0.0000232	0.000564	0.000368	0.00144	0.0636
2099 Jan	201	0.0667	0.0874	0.00269	22.3	0.0478	56.7	0.0012	0.00095	0.00000495	0.00673	0.00173	0.049	0.0236	0.00000521	29.4	0.0000232	0.000564	0.000368	0.00144	0.0636
2099 Feb	201	0.0667	0.0874	0.00269	22.3	0.0478	56.7	0.0012	0.00095	0.00000495	0.00673	0.00173	0.049	0.0236	0.00000521	29.5	0.0000232	0.000564	0.000368	0.00144	0.0636
2099 Mar	201	0.0667	0.0875	0.0027	22.3	0.0478	56.7	0.0012	0.00095	0.00000495	0.00673	0.00173	0.049	0.0236	0.00000521	29.5	0.0000232	0.000564	0.000368	0.00144	0.0636
2099 Apr	201	0.0668	0.0875	0.0027	22.4	0.0478	56.8	0.0012	0.00095	0.00000495	0.00673	0.00173	0.049	0.0236	0.00000521	29.5	0.0000232	0.000565	0.000368	0.00144	0.0636
2099 May	198	0.0671	0.0876	0.0027	22.4	0.0472	55.3	0.00121	0.000951	0.00000495	0.00671	0.00173	0.048	0.0237	0.00000521	29.3	0.000023	0.000568	0.000369	0.00143	0.0639
2099 Jun	197	0.0674	0.0879	0.00271	22.4	0.0468	54.3	0.00121	0.00095	0.00000495	0.00669	0.00174	0.0473	0.0238	0.0000052	29.1	0.0000228	0.000571	0.000369	0.00142	0.0641
2099 Jul	198	0.0675	0.0882	0.00272	22.5	0.047	54.8	0.00121	0.000952	0.00000496	0.00671	0.00174	0.0476	0.0238	0.00000522	29.3	0.0000229	0.000573	0.000371	0.00143	0.0642
2099 Aug	199	0.0677	0.0884	0.00272	22.5	0.0473	55.4	0.00121	0.000954	0.00000497	0.00673	0.00175	0.0481	0.0239	0.00000523	29.4	0.0000231	0.000575	0.000372	0.00144	0.0643
2099 Sep	201	0.0676	0.0884	0.00272	22.5	0.0476	56.1	0.00121	0.000952	0.00000496	0.00674	0.00175	0.0486	0.0239	0.00000523	29.5	0.0000231	0.000575	0.000372	0.00144	0.0642
2099 Oct	202	0.0676	0.0884	0.00272	22.5	0.0478	56.7	0.00121	0.000951	0.00000495	0.00674	0.00175	0.049	0.0238	0.00000522	29.6	0.0000232	0.000575	0.000372	0.00144	0.0641
2099 Nov	202	0.0676	0.0883	0.00272	22.5	0.0479	56.8	0.00121	0.00095	0.00000495	0.00673	0.00175	0.0491	0.0238	0.00000522	29.6	0.0000232	0.000575	0.000372	0.00145	0.0641
2099 Dec	202	0.0676	0.0883	0.00272	22.5	0.0479	56.8	0.00121	0.00095	0.00000495	0.00674	0.00175	0.0491	0.0238	0.00000522	29.6	0.0000232	0.000576	0.000372	0.00145	0.0641
2100 Jan	202	0.0676	0.0883	0.00272	22.5	0.0479	56.9	0.00121	0.00095	0.00000495	0.00674	0.00175	0.0491	0.0238	0.00000522	29.7	0.0000232	0.000576	0.000372	0.00145	0.0641
2100 Feb	202	0.0676	0.0883	0.00272	22.5	0.0479	56.9	0.00121	0.00095	0.00000495	0.00674	0.00175	0.0492	0.0238	0.00000522	29.7	0.0000232	0.000576	0.000372	0.00145	0.0641
2100 Mar	202	0.0676	0.0883	0.00272	22.5	0.0479	56.9	0.00121	0.00095	0.00000495	0.00674	0.00175	0.0492	0.0238	0.00000522	29.7	0.0000232	0.000576	0.000372	0.00145	0.0641
2100 Apr	202	0.0676	0.0884	0.00272	22.5	0.0479	56.9	0.00121	0.00095	0.00000495	0.00674	0.00175	0.0492	0.0238	0.00000522	29.7	0.0000232	0.000576	0.000372	0.00145	0.0641
2100 May	202	0.0677	0.0883	0.00272	22.5	0.048	57	0.00121	0.000951	0.00000495	0.00674	0.00175	0.0493	0.0239	0.00000522	29.7	0.0000232	0.000577	0.000373	0.00145	0.0642
2100 Jun	197	0.0681	0.0886	0.00273	22.5	0.0469	54.4	0.00122	0.00095	0.00000495	0.0067	0.00176	0.0474	0.024	0.00000521	29.3	0.0000229	0.000583	0.000374	0.00143	0.0646
2100 Jul	198	0.0682	0.0888	0.00274	22.5	0.047	54.7	0.00122	0.00095	0.00000495	0.0067	0.00177	0.0476	0.0241	0.00000521	29.4	0.0000229	0.000585	0.000374	0.00143	0.0647
2100 Aug	199	0.0682	0.089	0.00274	22.5	0.0472	55.3	0.00122	0.000949	0.00000495	0.00671	0.00177	0.048	0.024	0.00000521	29.5	0.000023	0.000586	0.000375	0.00144	0.0646
2100 Sep	200	0.0682	0.089	0.00274	22.5	0.0475	55.9	0.00122	0.000949	0.00000495	0.00671	0.00177	0.0485	0.024	0.00000521	29.6	0.000023	0.000586	0.000375	0.00144	0.0646
2100 Oct	201	0.0682	0.0891	0.00274	22.5	0.0477	56.3	0.00122	0.000949	0.00000494	0.00672	0.00177	0.0488	0.024	0.00000521	29.7	0.0000231	0.000587	0.000376	0.00145	0.0646
2100 Nov	201	0.0682	0.0891	0.00274	22.5	0.0477	56.4	0.00122	0.000948	0.00000494	0.00672	0.00177	0.0489	0.024	0.00000521	29.7	0.0000231	0.000587	0.000376	0.00145	0.0646
2100 Dec	201	0.0682	0.0891	0.00274	22.5	0.0477	56.4	0.00122	0.000948	0.00000494	0.00672	0.00177	0.0489	0.024	0.00000521	29.7	0.0000231	0.000587	0.000376	0.00145	0.0646
2101 Jan	201	0.0682	0.0891	0.00274	22.5	0.0477	56.5	0.00122	0.000948	0.00000494	0.00672	0.00177	0.0489	0.024	0.00000521	29.7	0.0000231	0.000587	0.000376	0.00145	0.0646

Appendix D.3-4: FZONE

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2101 Feb	201	0.0682	0.0891	0.00274	22.5	0.0477	56.5	0.00122	0.000948	0.00000494	0.00672	0.00177	0.049	0.024	0.00000521	29.7	0.0000231	0.000587	0.000376	0.00145	0.0646
2101 Mar	201	0.0682	0.0891	0.00274	22.5	0.0477	56.5	0.00122	0.000948	0.00000494	0.00672	0.00177	0.049	0.024	0.00000521	29.7	0.0000231	0.000587	0.000376	0.00145	0.0646
2101 Apr	202	0.0682	0.0891	0.00274	22.5	0.0478	56.5	0.00122	0.000949	0.00000495	0.00672	0.00177	0.049	0.024	0.00000521	29.8	0.0000231	0.000587	0.000376	0.00145	0.0646
2101 May	200	0.0683	0.0892	0.00275	22.5	0.0475	56	0.00122	0.000949	0.00000495	0.00672	0.00177	0.0486	0.0241	0.00000522	29.7	0.0000231	0.000589	0.000376	0.00144	0.0648
2101 Jun	197	0.0683	0.0895	0.00276	22.6	0.0468	54.4	0.00123	0.000948	0.00000494	0.00668	0.00178	0.0475	0.0242	0.0000052	29.4	0.0000228	0.000594	0.000376	0.00143	0.0649
2101 Jul	198	0.0685	0.0899	0.00277	22.6	0.047	54.7	0.00123	0.00095	0.00000496	0.0067	0.00179	0.0477	0.0243	0.00000522	29.5	0.0000229	0.000596	0.000378	0.00144	0.0651
2101 Aug	199	0.0687	0.0901	0.00277	22.7	0.0472	55.1	0.00123	0.000952	0.00000497	0.00672	0.00179	0.048	0.0243	0.00000523	29.7	0.000023	0.000598	0.000379	0.00144	0.0653
2101 Sep	201	0.0687	0.0902	0.00277	22.7	0.0475	55.9	0.00123	0.000951	0.00000496	0.00672	0.00179	0.0486	0.0243	0.00000523	29.8	0.0000231	0.000599	0.000379	0.00145	0.0652
2101 Oct	202	0.0686	0.0901	0.00277	22.7	0.0478	56.5	0.00123	0.000951	0.00000496	0.00673	0.00179	0.0491	0.0243	0.00000523	29.9	0.0000232	0.000599	0.00038	0.00145	0.0652
2101 Nov	203	0.0686	0.0901	0.00277	22.6	0.0479	56.9	0.00123	0.000949	0.00000495	0.00673	0.00179	0.0494	0.0243	0.00000523	30	0.0000232	0.000599	0.00038	0.00146	0.0651
2101 Dec	203	0.0686	0.09	0.00277	22.6	0.048	56.9	0.00123	0.000949	0.00000495	0.00673	0.00179	0.0494	0.0242	0.00000523	30	0.0000232	0.000599	0.00038	0.00146	0.0651
2102 Jan	203	0.0686	0.09	0.00277	22.6	0.048	57	0.00123	0.000949	0.00000495	0.00673	0.00179	0.0494	0.0242	0.00000523	30	0.0000232	0.000599	0.00038	0.00146	0.0651
2102 Feb	203	0.0686	0.09	0.00277	22.6	0.048	57	0.00123	0.000949	0.00000495	0.00673	0.00179	0.0494	0.0243	0.00000523	30	0.0000232	0.000599	0.00038	0.00146	0.0651
2102 Mar	203	0.0686	0.09	0.00277	22.6	0.048	57	0.00123	0.000949	0.00000495	0.00673	0.00179	0.0494	0.0243	0.00000523	30	0.0000232	0.000599	0.00038	0.00146	0.0651
2102 Apr	203	0.0686	0.0901	0.00277	22.6	0.048	57	0.00123	0.000949	0.00000495	0.00673	0.00179	0.0494	0.0243	0.00000523	30	0.0000232	0.000599	0.00038	0.00146	0.0651
2102 May	203	0.0686	0.0901	0.00277	22.7	0.048	57	0.00123	0.00095	0.00000496	0.00673	0.00179	0.0494	0.0243	0.00000523	30	0.0000232	0.0006	0.00038	0.00146	0.0651
2102 Jun	199	0.0679	0.0898	0.00277	22.4	0.0472	55.3	0.00124	0.00095	0.00000496	0.00672	0.00179	0.0483	0.024	0.00000522	29.5	0.0000231	0.000601	0.000374	0.00144	0.0646
2102 Jul	196	0.0675	0.09	0.00278	22.3	0.0468	54.2	0.00124	0.000951	0.00000496	0.00671	0.00179	0.0475	0.0239	0.00000522	29.2	0.0000229	0.000603	0.00037	0.00142	0.0642
2102 Aug	197	0.0676	0.0902	0.00279	22.4	0.0469	54.5	0.00124	0.000952	0.00000497	0.00672	0.00179	0.0478	0.0239	0.00000523	29.3	0.000023	0.000604	0.000371	0.00143	0.0643
2102 Sep	198	0.0677	0.0903	0.00279	22.4	0.0471	54.9	0.00124	0.000952	0.00000497	0.00673	0.00179	0.048	0.0239	0.00000523	29.3	0.0000231	0.000605	0.000372	0.00143	0.0643
2102 Oct	198	0.0676	0.0902	0.00279	22.3	0.0471	55	0.00124	0.00095	0.00000496	0.00672	0.00179	0.0481	0.0238	0.00000522	29.3	0.000023	0.000604	0.00037	0.00143	0.0641
2102 Nov	198	0.0676	0.0902	0.00279	22.3	0.0471	55	0.00124	0.00095	0.00000496	0.00672	0.00179	0.0481	0.0238	0.00000522	29.3	0.000023	0.000604	0.00037	0.00143	0.0641
2102 Dec	198	0.0676	0.0902	0.00279	22.3	0.0472	55.1	0.00124	0.00095	0.00000496	0.00672	0.00179	0.0482	0.0238	0.00000522	29.3	0.0000231	0.000604	0.00037	0.00143	0.0641
2103 Jan	198	0.0676	0.0902	0.00279	22.3	0.0472	55.1	0.00124	0.00095	0.00000496	0.00672	0.00179	0.0482	0.0238	0.00000522	29.3	0.0000231	0.000604	0.00037	0.00143	0.0641
2103 Feb	198	0.0676	0.0902	0.00279	22.3	0.0472	55.1	0.00124	0.00095	0.00000496	0.00672	0.00179	0.0482	0.0238	0.00000522	29.3	0.0000231	0.000604	0.00037	0.00143	0.0641
2103 Mar	198	0.0676	0.0902	0.00279	22.3	0.0472	55.1	0.00124	0.00095	0.00000496	0.00672	0.00179	0.0482	0.0238	0.00000522	29.3	0.0000231	0.000604	0.00037	0.00143	0.0641
2103 Apr	198	0.0676	0.0902	0.00279	22.3	0.0472	55.1	0.00124	0.00095	0.00000496	0.00673	0.00179	0.0482	0.0238	0.00000523	29.3	0.0000231	0.000605	0.00037	0.00143	0.0641
2103 May	198	0.0676	0.0902	0.00279	22.3	0.0473	55.3	0.00124	0.00095	0.00000496	0.00673	0.00179	0.0484	0.0238	0.00000523	29.4	0.0000231	0.000606	0.000371	0.00143	0.0641
2103 Jun	195	0.0673	0.0903	0.0028	22.2	0.0466	53.8	0.00125	0.000948	0.00000495	0.0067	0.0018	0.0475	0.0238	0.00000521	29	0.0000229	0.000612	0.000368	0.00142	0.0639
2103 Jul	195	0.0674	0.0906	0.00281	22.2	0.0467	54	0.00125	0.000949	0.00000495	0.00671	0.0018	0.0476	0.0238	0.00000522	29.1	0.0000229	0.000614	0.000368	0.00142	0.064
2103 Aug	196	0.0672	0.0907	0.00281	22.2	0.0468	54.2	0.00125	0.000949	0.00000495	0.0067	0.0018	0.0477	0.0238	0.00000522	29.1	0.0000229	0.000615	0.000368	0.00142	0.0639
2103 Sep	196	0.0672	0.0908	0.00281	22.2	0.0469	54.4	0.00125	0.000947	0.00000495	0.0067	0.0018	0.0479	0.0237	0.00000522	29	0.0000229	0.000616	0.000367	0.00142	0.0637
2103 Oct	195	0.067	0.0909	0.00282	22.1	0.0468	53.9	0.00125	0.000945	0.00000494	0.00667	0.0018	0.0476	0.0235	0.0000052	28.8	0.0000228	0.000618	0.000364	0.00141	0.0632
2103 Nov	194	0.067	0.091	0.00282	22.1	0.0467	53.8	0.00126	0.000944	0.00000493	0.00667	0.0018	0.0476	0.0235	0.0000052	28.8	0.0000227	0.000619	0.000363	0.00141	0.0631
2103 Dec	194	0.067	0.091	0.00282	22.1	0.0468	53.9	0.00126	0.000944	0.00000493	0.00667	0.0018	0.0476	0.0235	0.0000052	28.8	0.0000228	0.000619	0.000363	0.00141	0.0631
2104 Jan	194	0.067	0.091	0.00282	22.1	0.0468	53.9	0.00126	0.000944	0.00000493	0.00667	0.0018	0.0476	0.0235	0.0000052	28.8	0.0000228	0.000619	0.000363	0.00141	0.0631
2104 Feb	194	0.067	0.091	0.00282	22.1	0.0468	53.9	0.00126	0.000944	0.00000493	0.00667	0.0018	0.0476	0.0235	0.0000052	28.8	0.0000228	0.000619	0.000363	0.00141	0.0631
2104 Mar	194	0.067	0.091	0.00282	22.1	0.0468	53.9	0.00126	0.000944	0.00000493	0.00667	0.0018	0.0476	0.0235	0.0000052	28.8	0.0000228	0.000619	0.000363	0.00141	0.0631
2104 Apr	194	0.067	0.091	0.00282	22.1	0.0468	53.9	0.00126	0.000945	0.00000494	0.00667	0.0018	0.0476	0.0235	0.0000052	28.8	0.0000228	0.000619	0.000363	0.00141	0.0631
2104 May	194	0.0671	0.0911	0.00283	22.1	0.0467	53.6	0.00126	0.000945	0.00000494	0.00667	0.00181	0.0475	0.0235	0.0000052	28.8	0.0000227	0.000621	0.000363	0.00141	0.0631
2104 Jun	191	0.067	0.0916	0.00284	22.1	0.046	52.1	0.00126	0.000942	0.00000492	0.00662	0.00181	0.0464	0.0235	0.00000519	28.4	0.0000224	0.000627	0.00036	0.0014	0.0629
2104 Jul	191	0.0671	0.0919	0.00285	22.1	0.0462	52.4	0.00127	0.000943	0.00000493	0.00663	0.00181	0.0467	0.0235	0.00000519	28.5	0.0000225	0.000629	0.000361	0.0014	0.063
2104 Aug	193	0.0672	0.0921	0.00286	22.1	0.0464	52.9	0.00127	0.000944	0.00000494	0.00664	0.00182	0.047	0.0235	0.0000052	28.6	0.0000226	0.00063	0.000362	0.00141	0.0631
2104 Sep	194	0.0672	0.0922	0.00286	22.1	0.0466	53.4	0.00127	0.000943	0.00000493	0.00664	0.00182	0.0473	0.0235	0.0000052	28.7	0.0000226	0.00063	0.000362	0.00141	0.063
2104 Oct	194	0.0671	0.0922	0.00286	22.1	0.0466	53.5	0.00127	0.000941	0.00000492	0.00664	0.00182	0.0474	0.0234	0.00000519	28.6	0.0000226	0.000631	0.000361	0.00141	0.0628
2104 Nov	194	0.0671	0.0923	0.00286	22.1	0.0466	53.4	0.00127	0.00094	0.00000492	0.00663	0.00182	0.0474	0.0234	0.00000519	28.6	0.0000226	0.000632	0.00036	0.00141	0.0627
2104 Dec	194	0.0671	0.0922	0.00286	22.1	0.0466	53.4	0.00127	0.00094	0.00000492	0.00663	0.00182	0.0474	0.0234	0.00000519	28.6	0.0000226	0.000632	0.00036	0.00141	0.0627
2105 Jan	194	0.0671	0.0922	0.00286	22.1	0.0466	53.5	0.00127	0.00094	0.00000492	0.00663	0.00182	0.0475	0.0234	0.00000519	28.6	0.0000226	0.000632	0.000361	0.00141	0.0627
2105 Feb	194	0.0671	0.0922	0.00286	22.1	0.0466	53.5	0.00127	0.00094	0.00000492	0.00663	0.00182	0.0475	0.0234	0.00000519	28.6	0.0000226	0.000632	0.000361	0.00141	0.0627
2105 Mar	194	0.0671	0.0922	0.00286	22.1	0.0466	53.5	0.00127	0.00094	0.00000492	0.00663	0.00182	0.0475	0.0234	0.00000519	28.6	0.0000226	0.000632	0.000361	0.00141	0.0627
2105 Apr	194	0.0671	0.0923	0.00286	22.1	0.0466	53.5	0.00127	0.00094	0.00000492	0.00663	0.00182	0.0475	0.0234	0.00000519	28.6	0.0000226	0.000632	0.000361	0.00141	0.0627
2105 May	193	0.0672	0.0924	0.00287	22.1	0.0466	53.4	0.00127	0.00094	0.00000492	0.00663	0.00182	0.0475	0.0234	0.00000519	28.6	0.0000226	0.000634	0.000361	0.00141	0.0627
2105 Jun	192	0.0672	0.0927	0.00288	22.1	0.0464	52.8	0.00127	0.00094	0.00000492	0.00662	0.00183	0.0471	0.0234	0.00000518	28.5	0.0000225	0.000637	0.00036	0.0014	0.0627
2105 Jul	194	0.0674	0.0929	0.00288	22.1	0.0466	53.3	0.00127	0.000941	0.00000492	0.00663	0.00183	0.0474	0.0234	0.00000519	28.6	0.0000226	0.000639	0.000361	0.00141	0.0628
2105 Aug	195	0.0673	0.093	0.00289	22.1	0.0469	54	0.00127	0.00094	0.00000492	0.00663	0.00183	0.0479	0.0234	0.00000519	28.7	0.0000226	0.000639	0.000361	0.00141	0.0627
2105 Sep	195	0.0672	0.0931	0.00289	22.1	0.0471	54.4	0.00127	0.000937	0.00000491	0.00662	0.00183	0.0482	0.0233	0.00000518	28.8	0.0000226	0.000642	0.00036	0.00142	0.0624
2105 Oct	195	0.0672	0.0933	0.00289	22	0.0472	54.6	0.00127	0.000935	0.0000049	0.00661	0.00183	0.0484	0.0232	0.00000517	28.7	0.0000226	0.000644	0.000359	0.00142	0.0621
2105 Nov	195	0.0672	0.0934	0.0029	22	0.0472	54.5	0.00128	0.000934	0.00000489	0.0066	0.00183	0.0484	0.0232	0.00000517	28.7	0.0000225	0.000646	0.000358	0.00141	0.062
2105 Dec	195	0.0672	0.0934	0.0029	22	0.0472	54.5	0.00128	0.000934	0.00000489	0.0066	0.00183	0.0484	0.0232	0.00000517	28.7	0.0000225	0.000646	0.000358	0.00141	0.062
2106 Jan	195	0.0672	0.0934	0.0029	22	0.0472	54.5	0.00128	0.000934	0.00000489	0.0066	0.00183	0.0484	0.0232	0.00000517	28.7	0.0000225	0.000646	0.000358	0.00141	0.062
2106 Feb	195	0.0672	0.0934	0.0029	22	0.0472	54.5	0.00128	0.000934	0.00000489	0.0066	0.00183	0.0484	0.0232	0.00000517	28.7	0.0000225	0.000646	0.000358	0.00141	0.062
2106 Mar	195	0.0672	0.0934	0.0029	22	0.0472	54.5	0.00128	0.000934	0.00000489	0.0066	0.00183	0.0484	0.0232	0.00000517	28.7	0.0000225	0.000646	0.000358	0.00141	0.062
2106 Apr	195	0.0672	0.0934	0.0029	22	0.0472	54.5	0.00128	0.000934	0.00000489	0.0066	0.00184	0.0484	0.0232	0.00000517	28.7	0.0000225	0.000646	0.000358	0.00141	0.062
2106 May	195	0.0673	0.0934	0.0029	22	0.0473	54.6	0.00128	0.000934	0.0000049	0.00661	0.00184	0.0486	0.0232	0.00000517	28.7	0.0000226	0.000647	0.000358	0.00142	0.062
2106 Jun	191	0.0671	0.0941	0.00292	21.9	0.0465	53	0.00129	0.00093	0.00000488	0.00655	0.00184	0.0475	0.0231	0.00000515	28.3	0.0000222	0.000655	0.000354	0.0014	0.0615
2106 Jul	192	0.0672	0.0945	0.00294	22	0.0466	53	0.00129	0.000931	0.00000488	0.00656	0.00185	0.0476	0.0231	0.00000516	28.3	0.0000223	0.000659	0.000354	0.0014	0.0615
2106 Aug	193	0.0671	0.0947	0.00294	21.9	0.0469	53.7	0.00129	0.00093	0.00000488	0.00656	0.00185	0.048	0.023	0.00000516	28.4	0.0000223	0.00066	0.000354	0.0014	0.0614
2106 Sep	194	0.0669	0.0948	0.00295	21.9	0.0471	54.2	0.00129	0.000928	0.00000487	0.00655	0.00185	0.0485	0.0229	0.00000515	28.4	0.0000223	0.000661	0.000353	0.00141	0.0611
2106 Oct	194	0.0668	0.0948	0.00295	21.9	0.0473	54.6	0.00129	0.000927	0.00000487	0.00655	0.00185	0.0488	0.0229	0.00000515	28.5	0.0000224	0.000663	0.000352	0.00141	0.061
2106 Nov	194	0.0669	0.0948	0.00295	21.9	0.0474	54.7	0.00129	0.000927	0.00000487	0.00655	0.00185	0.0489	0.0229	0.00000515	28.5	0.0000224	0.000663	0.000353	0.00141	0.061
2106 Dec	194	0.0668	0.0948	0.00295	21.9	0.0474	54.7	0.00129	0.000927	0.00000487	0.00655	0.00185	0.0489	0.0229	0.00000515	28.5	0.0000224	0.000663	0.000353	0.00141	0.061
2107 Jan	194	0.0669	0.0948	0.00295	21.9	0.0474	54.7	0.00129	0.000927	0.00000487	0.00655	0.00185	0.0489	0.0229	0.00000515	28.5	0.0000224	0.000663	0.000353	0.00141	0.061
2107 Feb	194	0.0669	0.0948	0.00295	21.9	0.0474	54.7	0.00129	0.000927	0.00000487	0.00655	0.00185	0.0489	0.0229	0.00000515	28.5	0.0000224	0.000663	0.000353	0.00141	0.061
2107 Mar	194	0.0669	0.0948	0.00295	21.9	0.0474	54.8	0.00129	0.000927	0.00000487	0.00655	0.00185	0.0489	0.0229	0.00000515	28.5	0.0000224	0.000663	0.000353	0.00141	0.061
2107 Apr	194	0.0669	0.0948	0.00295	21.9	0.0474	54.8	0.00129	0.000927	0.00000487	0.00655	0.00185	0.0489	0.0229	0.00000515	28.5	0.0000224	0.000663	0.000353	0.00141	0.061
2107 May	194	0.0669	0.0949	0.00295	21.9	0.0472	54.4	0.00129	0.000927	0.00000487	0.00654	0.00186	0.0487	0.0229	0.00000515	28.4	0.0000223	0.000665	0.000352	0.00141	0.061
2107 Jun	191	0.0668	0.0954	0.00297	21.9	0.0467	53	0.0013	0.000926	0.00000487	0.00651	0.00186	0.0477	0.0229	0.00000514	28.1	0.0000221	0.00067	0.000351	0.00139	0.0609

Appendix D.3-4: FZONE

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2107 Jul	192	0.0668	0.0956	0.00297	21.9	0.0469	53.5	0.0013	0.000927	0.00000487	0.00652	0.00187	0.0481	0.0229	0.00000515	28.2	0.0000221	0.000671	0.000351	0.0014	0.0609
2107 Aug	193	0.0669	0.0958	0.00298	21.9	0.0471	54	0.0013	0.000928	0.00000488	0.00653	0.00187	0.0484	0.0229	0.00000516	28.4	0.0000222	0.000673	0.000352	0.00141	0.061
2107 Sep	195	0.0669	0.0959	0.00298	21.9	0.0474	54.6	0.0013	0.000928	0.00000488	0.00654	0.00187	0.0489	0.0229	0.00000516	28.5	0.0000223	0.000674	0.000353	0.00141	0.061
2107 Oct	196	0.0669	0.0958	0.00298	21.9	0.0476	55.2	0.0013	0.000927	0.00000487	0.00654	0.00187	0.0494	0.0229	0.00000516	28.6	0.0000224	0.000674	0.000353	0.00142	0.0609
2107 Nov	196	0.0669	0.0958	0.00298	21.9	0.0477	55.3	0.0013	0.000927	0.00000487	0.00654	0.00187	0.0494	0.0229	0.00000516	28.6	0.0000224	0.000674	0.000353	0.00142	0.0609
2107 Dec	196	0.0669	0.0958	0.00298	21.9	0.0477	55.4	0.0013	0.000927	0.00000487	0.00655	0.00187	0.0495	0.0229	0.00000516	28.6	0.0000224	0.000674	0.000353	0.00142	0.0609
2108 Jan	196	0.0669	0.0958	0.00298	21.9	0.0477	55.4	0.0013	0.000927	0.00000487	0.00655	0.00187	0.0495	0.0229	0.00000516	28.6	0.0000224	0.000674	0.000353	0.00142	0.0609
2108 Feb	196	0.0669	0.0958	0.00298	21.9	0.0477	55.4	0.0013	0.000927	0.00000487	0.00655	0.00187	0.0495	0.0229	0.00000516	28.6	0.0000224	0.000674	0.000353	0.00142	0.0609
2108 Mar	196	0.0669	0.0958	0.00298	21.9	0.0477	55.4	0.0013	0.000927	0.00000487	0.00655	0.00187	0.0495	0.0229	0.00000516	28.6	0.0000224	0.000674	0.000353	0.00142	0.0609
2108 Apr	196	0.0669	0.0958	0.00298	21.9	0.0477	55.4	0.0013	0.000927	0.00000487	0.00655	0.00187	0.0495	0.0229	0.00000516	28.6	0.0000224	0.000675	0.000354	0.00142	0.061
2108 May	196	0.067	0.0959	0.00298	21.9	0.0478	55.5	0.0013	0.000928	0.00000488	0.00656	0.00188	0.0496	0.0229	0.00000517	28.7	0.0000224	0.000675	0.000354	0.00142	0.061
2108 Jun	195	0.0667	0.0959	0.00299	21.9	0.0475	54.7	0.00131	0.000928	0.00000488	0.00655	0.00187	0.0491	0.0229	0.00000516	28.5	0.0000224	0.000676	0.000352	0.00141	0.0608
2108 Jul	196	0.0668	0.0962	0.003	21.9	0.0476	55	0.00131	0.00093	0.00000489	0.00657	0.00188	0.0493	0.0229	0.00000518	28.5	0.0000224	0.000679	0.000352	0.00142	0.0609
2108 Aug	197	0.067	0.0965	0.00301	22	0.0479	55.4	0.00131	0.000933	0.0000049	0.00659	0.00189	0.0496	0.023	0.00000519	28.7	0.0000225	0.000681	0.000354	0.00142	0.0611
2108 Sep	198	0.067	0.0966	0.00301	22	0.0481	56	0.00131	0.000932	0.0000049	0.00659	0.00189	0.05	0.023	0.00000519	28.8	0.0000226	0.000681	0.000354	0.00143	0.0611
2108 Oct	199	0.067	0.0964	0.003	21.9	0.0482	56.4	0.00131	0.00093	0.00000489	0.00659	0.00188	0.0503	0.0229	0.00000518	28.8	0.0000226	0.00068	0.000354	0.00143	0.0609
2108 Nov	199	0.067	0.0963	0.003	21.9	0.0483	56.4	0.00131	0.00093	0.00000489	0.00659	0.00188	0.0503	0.0229	0.00000518	28.8	0.0000226	0.00068	0.000353	0.00143	0.0609
2108 Dec	199	0.067	0.0963	0.003	21.9	0.0483	56.4	0.00131	0.00093	0.00000489	0.00659	0.00188	0.0503	0.0229	0.00000518	28.8	0.0000226	0.00068	0.000353	0.00143	0.0609
2109 Jan	199	0.067	0.0963	0.003	21.9	0.0483	56.4	0.00131	0.00093	0.00000489	0.00659	0.00188	0.0503	0.0229	0.00000518	28.8	0.0000226	0.00068	0.000353	0.00143	0.0609
2109 Feb	199	0.067	0.0963	0.003	21.9	0.0483	56.4	0.00131	0.00093	0.00000489	0.00659	0.00188	0.0503	0.0229	0.00000518	28.8	0.0000226	0.00068	0.000353	0.00143	0.0609
2109 Mar	199	0.067	0.0963	0.003	21.9	0.0483	56.4	0.00131	0.00093	0.00000489	0.00659	0.00188	0.0504	0.0229	0.00000518	28.8	0.0000226	0.00068	0.000353	0.00143	0.0609
2109 Apr	199	0.067	0.0964	0.003	21.9	0.0483	56.5	0.00131	0.00093	0.00000489	0.00659	0.00189	0.0504	0.0229	0.00000519	28.8	0.0000226	0.000681	0.000354	0.00143	0.0609
2109 May	198	0.067	0.0963	0.003	21.9	0.0481	56	0.00131	0.000932	0.0000049	0.0066	0.00189	0.0501	0.0229	0.00000519	28.8	0.0000226	0.000681	0.000354	0.00143	0.061
2109 Jun	196	0.0671	0.0961	0.003	21.9	0.0478	55.1	0.00131	0.000933	0.0000049	0.0066	0.00189	0.0494	0.023	0.00000519	28.6	0.0000225	0.000683	0.000354	0.00142	0.0612
2109 Jul	198	0.0672	0.0963	0.00301	21.9	0.0481	55.7	0.00132	0.000934	0.00000491	0.00661	0.00189	0.0499	0.023	0.0000052	28.8	0.0000226	0.000684	0.000355	0.00143	0.0613
2109 Aug	199	0.0672	0.0964	0.00301	21.9	0.0484	56.4	0.00132	0.000935	0.00000491	0.00663	0.0019	0.0503	0.023	0.00000521	28.9	0.0000227	0.000686	0.000355	0.00143	0.0614
2109 Sep	200	0.0672	0.0963	0.00301	21.9	0.0487	57.1	0.00132	0.000934	0.00000491	0.00663	0.0019	0.0509	0.023	0.00000521	29	0.0000228	0.000686	0.000356	0.00144	0.0613
2109 Oct	199	0.0672	0.0959	0.00301	21.8	0.0487	57	0.00132	0.000933	0.0000049	0.00663	0.0019	0.0509	0.0229	0.0000052	29	0.0000227	0.000686	0.000354	0.00144	0.0611
2109 Nov	199	0.0672	0.0959	0.00301	21.8	0.0488	57	0.00132	0.000933	0.0000049	0.00663	0.0019	0.0509	0.0229	0.0000052	29	0.0000227	0.000687	0.000354	0.00144	0.0611
2109 Dec	199	0.0672	0.0959	0.00301	21.8	0.0488	57.1	0.00132	0.000933	0.0000049	0.00663	0.0019	0.051	0.0229	0.0000052	29	0.0000228	0.000687	0.000354	0.00144	0.0611
2110 Jan	199	0.0672	0.0959	0.00301	21.8	0.0488	57.1	0.00132	0.000933	0.0000049	0.00663	0.0019	0.051	0.0229	0.0000052	29	0.0000228	0.000687	0.000354	0.00144	0.0611
2110 Feb	199	0.0672	0.0959	0.00301	21.8	0.0488	57.1	0.00132	0.000933	0.0000049	0.00663	0.0019	0.051	0.0229	0.0000052	29	0.0000228	0.000687	0.000354	0.00144	0.0611
2110 Mar	199	0.0672	0.0959	0.00301	21.8	0.0488	57.1	0.00132	0.000933	0.0000049	0.00663	0.0019	0.051	0.0229	0.0000052	29	0.0000228	0.000687	0.000354	0.00144	0.0611
2110 Apr	199	0.0672	0.0959	0.00301	21.8	0.0488	57.1	0.00132	0.000933	0.0000049	0.00663	0.0019	0.051	0.0229	0.00000521	29	0.0000228	0.000687	0.000354	0.00144	0.0611
2110 May	200	0.0672	0.0959	0.00301	21.8	0.0489	57.3	0.00132	0.000933	0.00000491	0.00664	0.0019	0.0511	0.023	0.00000521	29.1	0.0000228	0.000688	0.000355	0.00144	0.0611
2110 Jun	195	0.0673	0.0954	0.003	21.8	0.0483	55.8	0.00132	0.000934	0.00000491	0.00662	0.00191	0.0501	0.0231	0.0000052	28.9	0.0000226	0.000695	0.000356	0.00143	0.0616
2110 Jul	196	0.0675	0.0957	0.00301	21.8	0.0485	56	0.00133	0.000935	0.00000491	0.00663	0.00192	0.0504	0.0232	0.00000521	29	0.0000226	0.000697	0.000357	0.00144	0.0617
2110 Aug	195	0.0671	0.0958	0.00302	21.7	0.0484	55.6	0.00133	0.000933	0.00000491	0.0066	0.00192	0.0501	0.0231	0.0000052	28.8	0.0000225	0.0007	0.000354	0.00143	0.0613
2110 Sep	194	0.0669	0.0959	0.00303	21.6	0.0484	55.4	0.00134	0.00093	0.00000489	0.00657	0.00192	0.0501	0.0229	0.00000519	28.6	0.0000223	0.000704	0.00035	0.00143	0.0608
2110 Oct	192	0.0668	0.096	0.00304	21.5	0.0484	55.1	0.00134	0.000927	0.00000488	0.00655	0.00193	0.0499	0.0227	0.00000518	28.4	0.0000221	0.000708	0.000347	0.00142	0.0603
2110 Nov	192	0.0668	0.0961	0.00304	21.5	0.0484	55.1	0.00134	0.000926	0.00000488	0.00654	0.00193	0.05	0.0227	0.00000518	28.4	0.0000221	0.000709	0.000346	0.00142	0.0601
2110 Dec	192	0.0668	0.0961	0.00304	21.5	0.0485	55.2	0.00134	0.000926	0.00000488	0.00654	0.00193	0.05	0.0227	0.00000518	28.4	0.0000221	0.000709	0.000346	0.00142	0.0601
2111 Jan	192	0.0668	0.0961	0.00304	21.5	0.0485	55.2	0.00134	0.000926	0.00000488	0.00654	0.00193	0.05	0.0227	0.00000518	28.4	0.0000221	0.000709	0.000346	0.00142	0.0601
2111 Feb	192	0.0668	0.0961	0.00304	21.5	0.0485	55.2	0.00134	0.000926	0.00000488	0.00654	0.00193	0.0501	0.0227	0.00000518	28.4	0.0000221	0.000709	0.000346	0.00142	0.0601
2111 Mar	192	0.0668	0.0961	0.00304	21.5	0.0485	55.2	0.00134	0.000926	0.00000488	0.00654	0.00193	0.0501	0.0227	0.00000518	28.4	0.0000221	0.00071	0.000346	0.00142	0.0601
2111 Apr	192	0.0669	0.0961	0.00304	21.5	0.0485	55.2	0.00134	0.000927	0.00000488	0.00655	0.00193	0.0501	0.0227	0.00000518	28.4	0.0000221	0.00071	0.000346	0.00142	0.0602
2111 May	192	0.067	0.0962	0.00304	21.5	0.0484	55	0.00134	0.000927	0.00000488	0.00655	0.00193	0.0499	0.0227	0.00000518	28.4	0.0000221	0.000711	0.000346	0.00142	0.0602
2111 Jun	188	0.0672	0.0965	0.00306	21.6	0.0479	53.5	0.00135	0.000927	0.00000488	0.00652	0.00194	0.0489	0.0228	0.00000518	28.2	0.0000219	0.000719	0.000346	0.00141	0.0603
2111 Jul	189	0.0674	0.0968	0.00307	21.6	0.0481	53.9	0.00136	0.000929	0.0000049	0.00654	0.00195	0.0493	0.0228	0.00000519	28.3	0.000022	0.000722	0.000347	0.00141	0.0604
2111 Aug	191	0.0673	0.0969	0.00307	21.6	0.0484	54.6	0.00136	0.000928	0.00000489	0.00654	0.00195	0.0498	0.0228	0.00000519	28.4	0.000022	0.000722	0.000347	0.00142	0.0603
2111 Sep	192	0.0672	0.0969	0.00307	21.6	0.0488	55.4	0.00136	0.000927	0.00000489	0.00654	0.00195	0.0504	0.0228	0.00000519	28.5	0.0000221	0.000724	0.000347	0.00143	0.0603
2111 Oct	192	0.0672	0.0969	0.00307	21.5	0.0489	55.5	0.00136	0.000925	0.00000488	0.00653	0.00195	0.0505	0.0227	0.00000518	28.5	0.0000221	0.000726	0.000346	0.00143	0.06
2111 Nov	191	0.0671	0.0969	0.00308	21.5	0.0489	55.4	0.00136	0.000924	0.00000487	0.00652	0.00196	0.0505	0.0226	0.00000518	28.5	0.000022	0.000728	0.000345	0.00142	0.0598
2111 Dec	191	0.0672	0.0969	0.00308	21.5	0.0489	55.5	0.00136	0.000924	0.00000487	0.00652	0.00196	0.0506	0.0226	0.00000518	28.5	0.000022	0.000728	0.000345	0.00142	0.0598
2112 Jan	191	0.0672	0.0969	0.00308	21.5	0.0489	55.5	0.00136	0.000924	0.00000487	0.00652	0.00196	0.0506	0.0226	0.00000518	28.5	0.000022	0.000728	0.000345	0.00143	0.0598
2112 Feb	191	0.0672	0.0969	0.00308	21.5	0.0489	55.5	0.00136	0.000924	0.00000487	0.00652	0.00196	0.0506	0.0226	0.00000518	28.5	0.000022	0.000728	0.000345	0.00143	0.0598
2112 Mar	191	0.0672	0.0969	0.00308	21.5	0.0489	55.5	0.00136	0.000924	0.00000487	0.00652	0.00196	0.0506	0.0226	0.00000518	28.5	0.000022	0.000728	0.000345	0.00143	0.0598
2112 Apr	191	0.0672	0.0969	0.00308	21.5	0.0489	55.5	0.00136	0.000924	0.00000487	0.00652	0.00196	0.0506	0.0226	0.00000518	28.5	0.000022	0.000729	0.000345	0.00143	0.0598
2112 May	191	0.0673	0.0969	0.00308	21.5	0.0489	55.5	0.00136	0.000924	0.00000488	0.00652	0.00196	0.0506	0.0227	0.00000518	28.5	0.000022	0.000731	0.000345	0.00143	0.0599
2112 Jun	187	0.0673	0.0974	0.0031	21.5	0.0481	53.6	0.00137	0.00092	0.00000486	0.00646	0.00198	0.0494	0.0227	0.00000516	28.2	0.0000217	0.000744	0.000345	0.00141	0.0599
2112 Jul	188	0.0673	0.0977	0.00311	21.5	0.0483	54.1	0.00138	0.00092	0.00000486	0.00647	0.00198	0.0498	0.0227	0.00000516	28.3	0.0000217	0.000747	0.000345	0.00141	0.0599
2112 Aug	189	0.0674	0.0979	0.00312	21.5	0.0487	54.9	0.00138	0.000921	0.00000486	0.00648	0.00199	0.0504	0.0228	0.00000517	28.5	0.0000218	0.000749	0.000346	0.00142	0.06
2112 Sep	191	0.0673	0.0979	0.00312	21.5	0.0492	56	0.00138	0.00092	0.00000486	0.00649	0.00199	0.0513	0.0227	0.00000517	28.7	0.000022	0.00075	0.000347	0.00143	0.0599
2112 Oct	193	0.0673	0.0978	0.00312	21.5	0.0495	56.8	0.00137	0.000919	0.00000485	0.0065	0.00199	0.0519	0.0227	0.00000517	28.8	0.0000221	0.00075	0.000348	0.00144	0.0598
2112 Nov	193	0.0673	0.0978	0.00312	21.5	0.0496	57.1	0.00137	0.000918	0.00000485	0.0065	0.00199	0.0521	0.0227	0.00000517	28.9	0.0000221	0.000751	0.000348	0.00144	0.0598
2112 Dec	193	0.0673	0.0978	0.00312	21.5	0.0496	57.1	0.00137	0.000918	0.00000485	0.0065	0.00199	0.0521	0.0227	0.00000517	28.9	0.0000221	0.000751	0.000348	0.00144	0.0598
2113 Jan	193	0.0673	0.0978	0.00312	21.5	0.0497	57.2	0.00137	0.000918	0.00000485	0.0065	0.00199	0.0521	0.0227	0.00000517	28.9	0.0000221	0.000751	0.000348	0.00144	0.0598
2113 Feb	193	0.0673	0.0978	0.00312	21.5	0.0497	57.2	0.00137	0.000918	0.00000485	0.0065	0.00199	0.0521	0.0227	0.00000517	28.9	0.0000221	0.000751	0.000348	0.00144	0.0598
2113 Mar	193	0.0673	0.0978	0.00312	21.5	0.0497	57.2	0.00137	0.000918	0.00000485	0.0065	0.00199	0.0521	0.0227	0.00000517	28.9	0.0000221	0.000751	0.000348	0.00144	0.0598
2113 Apr	193	0.0673	0.0979	0.00312	21.5	0.0497	57.2	0.00137	0.000919	0.00000485	0.00651	0.00199	0.0522	0.0227	0.00000518	28.9	0.0000221	0.000751	0.000348	0.00144	0.0599
2113 May	193	0.0673	0.0979	0.00312	21.5	0.0497	57.3	0.00138	0.000919	0.00000486	0.00651	0.002	0.0522	0.0228	0.00000518	29	0.0000222	0.000753	0.000349	0.00145	0.0599
2113 Jun	191	0.0673	0.0981	0.00313	21.5	0.0492	56.2	0.00138	0.000918	0.00000485	0.00648	0.00201	0.0515	0.0229	0.00000517	28.8	0.000022	0.000759	0.00035	0.00144	0.0601
2113 Jul	192	0.0675	0.0984	0.00314	21.6	0.0494	56.7	0.00139	0.00092	0.00000486	0.0065	0.00201	0.0519	0.0229	0.00000518	28.9	0.0000221	0.000761	0.000351	0.00144	0.0603
2113 Aug	194	0.0675	0.0986	0.00314	21.6	0.0498	57.4	0.00139	0.00092	0.00000487	0.00651	0.00202	0.0524	0.0229	0.00000519	29.1	0.0000222	0.000763	0.000352	0.00145	0.0603
2113 Sep	195	0.0675	0.0986	0.00314	21.6	0.0501	58.1	0.00138	0.000919	0.00000486	0.00652	0.00202	0.053	0.0229	0.00000519	29.2	0.0000223	0.000763	0.000352	0.00146	0.0602
2113 Oct	195	0.0675	0.0984	0.00314	21.5	0.0501	58.1	0.00138	0.000916	0.00000484	0.0065	0.00202	0.053	0.0228	0.00000517	29.2	0.0000222	0.000765	0.000351	0.00145	0.06
2113 Nov	195	0.0676	0.0984	0.00314	21.5	0.0501	58.1	0.00139	0.000915	0.00000484	0.0065	0.00202	0.053	0.0228	0.00000517	29.1	0.0000222	0.000767	0.00035	0.00145	0.0599

Appendix D.3-4: FZONE

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron
2113 Dec	195	0.0676	0.0984	0.00314	21.5	0.0501	58.1	0.00139	0.000915	0.00000484	0.0065	0.00202	0.053	0.0228	0.00000517	29.1	0.0000222	0.000767	0.00035	0.00145	0.0599
2114 Jan	195	0.0676	0.0984	0.00314	21.5	0.0501	58.1	0.00139	0.000915	0.00000484	0.0065	0.00202	0.053	0.0228	0.00000517	29.2	0.0000222	0.000767	0.00035	0.00145	0.0599
2114 Feb	195	0.0676	0.0984	0.00314	21.5	0.0501	58.1	0.00139	0.000915	0.00000484	0.0065	0.00202	0.053	0.0228	0.00000517	29.2	0.0000222	0.000767	0.00035	0.00145	0.0599
2114 Mar	195	0.0676	0.0984	0.00314	21.5	0.0501	58.2	0.00139	0.000915	0.00000484	0.0065	0.00202	0.053	0.0228	0.00000517	29.2	0.0000222	0.000767	0.00035	0.00145	0.0599
2114 Apr	195	0.0676	0.0984	0.00315	21.5	0.0501	58.2	0.00139	0.000915	0.00000484	0.0065	0.00202	0.053	0.0228	0.00000517	29.2	0.0000222	0.000767	0.00035	0.00145	0.0599
2114 May	194	0.0677	0.0985	0.00315	21.5	0.0501	58	0.00139	0.000915	0.00000484	0.0065	0.00203	0.053	0.0228	0.00000517	29.2	0.0000222	0.00077	0.000351	0.00145	0.06
2114 Jun	193	0.0679	0.0987	0.00316	21.5	0.05	57.7	0.00139	0.000915	0.00000484	0.0065	0.00204	0.0528	0.0229	0.00000517	29.2	0.0000222	0.000776	0.000352	0.00145	0.0602
2114 Jul	195	0.0681	0.099	0.00317	21.6	0.0503	58.3	0.0014	0.000917	0.00000486	0.00652	0.00204	0.0533	0.023	0.00000519	29.3	0.0000223	0.000779	0.000353	0.00146	0.0603
2114 Aug	196	0.0683	0.0993	0.00318	21.6	0.0506	59	0.0014	0.000919	0.00000487	0.00654	0.00205	0.0538	0.023	0.0000052	29.5	0.0000224	0.000781	0.000355	0.00147	0.0605
2114 Sep	198	0.0682	0.0992	0.00318	21.6	0.051	60	0.0014	0.000918	0.00000486	0.00655	0.00205	0.0546	0.023	0.0000052	29.7	0.0000225	0.000781	0.000356	0.00148	0.0604
2114 Oct	199	0.0682	0.0991	0.00317	21.6	0.0514	60.9	0.0014	0.000916	0.00000485	0.00655	0.00205	0.0552	0.023	0.0000052	29.8	0.0000226	0.000781	0.000356	0.00149	0.0602
2114 Nov	200	0.0682	0.0989	0.00317	21.5	0.0516	61.4	0.00139	0.000914	0.00000484	0.00656	0.00205	0.0556	0.0229	0.00000519	29.9	0.0000227	0.000781	0.000356	0.00149	0.0601
2114 Dec	200	0.0682	0.0989	0.00317	21.5	0.0516	61.4	0.00139	0.000914	0.00000484	0.00656	0.00205	0.0556	0.0229	0.00000519	29.9	0.0000227	0.000782	0.000356	0.00149	0.0601
2115 Jan	200	0.0682	0.0989	0.00317	21.5	0.0516	61.4	0.00139	0.000914	0.00000484	0.00656	0.00205	0.0556	0.0229	0.00000519	29.9	0.0000227	0.000782	0.000356	0.00149	0.0601
2115 Feb	200	0.0682	0.0989	0.00317	21.5	0.0516	61.4	0.00139	0.000914	0.00000484	0.00656	0.00205	0.0556	0.0229	0.00000519	29.9	0.0000227	0.000782	0.000356	0.00149	0.0601
2115 Mar	200	0.0682	0.0989	0.00317	21.5	0.0516	61.4	0.00139	0.000914	0.00000484	0.00656	0.00205	0.0557	0.0229	0.00000519	29.9	0.0000227	0.000782	0.000356	0.00149	0.0601
2115 Apr	200	0.0682	0.0989	0.00317	21.5	0.0517	61.5	0.00139	0.000915	0.00000484	0.00656	0.00205	0.0557	0.0229	0.00000519	29.9	0.0000227	0.000782	0.000356	0.00149	0.0602
2115 May	200	0.0683	0.0989	0.00317	21.6	0.0515	61.1	0.0014	0.000915	0.00000485	0.00656	0.00205	0.0554	0.023	0.00000519	29.9	0.0000227	0.000783	0.000356	0.00149	0.0603
2115 Jun	199	0.0686	0.099	0.00318	21.6	0.0514	60.8	0.0014	0.000917	0.00000485	0.00657	0.00206	0.0552	0.0231	0.0000052	29.9	0.0000226	0.000785	0.000357	0.00149	0.0605
2115 Jul	200	0.0688	0.0994	0.00319	21.7	0.0516	61.2	0.0014	0.000919	0.00000487	0.00659	0.00206	0.0555	0.0231	0.00000521	30	0.0000227	0.000788	0.000358	0.00149	0.0606
2115 Aug	202	0.0687	0.0994	0.00319	21.6	0.0519	61.9	0.0014	0.000917	0.00000486	0.00659	0.00206	0.056	0.0231	0.00000521	30.1	0.0000228	0.000787	0.000358	0.0015	0.0605
2115 Sep	204	0.0687	0.0994	0.00319	21.6	0.0523	62.8	0.0014	0.000917	0.00000486	0.0066	0.00207	0.0566	0.0231	0.00000521	30.3	0.0000229	0.000788	0.000359	0.00151	0.0605
2115 Oct	205	0.0687	0.0994	0.00319	21.6	0.0526	63.5	0.0014	0.000916	0.00000485	0.0066	0.00207	0.0572	0.0231	0.00000521	30.4	0.000023	0.000789	0.00036	0.00151	0.0604
2115 Nov	205	0.0686	0.0993	0.00318	21.6	0.0527	63.8	0.0014	0.000915	0.00000485	0.0066	0.00207	0.0574	0.023	0.00000521	30.5	0.000023	0.000789	0.00036	0.00151	0.0604
2115 Dec	205	0.0687	0.0993	0.00318	21.6	0.0527	63.8	0.0014	0.000915	0.00000485	0.00661	0.00207	0.0574	0.023	0.00000521	30.5	0.000023	0.000789	0.00036	0.00151	0.0604
2116 Jan	205	0.0687	0.0992	0.00318	21.6	0.0527	63.9	0.0014	0.000915	0.00000485	0.00661	0.00207	0.0575	0.023	0.00000521	30.5	0.000023	0.000789	0.00036	0.00152	0.0604
2116 Feb	205	0.0687	0.0992	0.00318	21.6	0.0527	63.9	0.0014	0.000915	0.00000485	0.00661	0.00207	0.0575	0.023	0.00000521	30.5	0.000023	0.000789	0.00036	0.00152	0.0604
2116 Mar	205	0.0687	0.0993	0.00318	21.6	0.0527	63.9	0.0014	0.000915	0.00000485	0.00661	0.00207	0.0575	0.023	0.00000521	30.5	0.000023	0.000789	0.00036	0.00152	0.0604
2116 Apr	205	0.0687	0.0993	0.00318	21.6	0.0528	63.9	0.0014	0.000915	0.00000485	0.00661	0.00207	0.0575	0.0231	0.00000521	30.5	0.000023	0.000789	0.00036	0.00152	0.0604
2116 May	206	0.0687	0.0991	0.00318	21.6	0.0529	64.2	0.0014	0.000915	0.00000485	0.00662	0.00207	0.0577	0.0231	0.00000521	30.6	0.0000231	0.00079	0.000361	0.00152	0.0605
2116 Jun	201	0.0691	0.0987	0.00318	21.6	0.0519	61.8	0.00141	0.000916	0.00000485	0.00659	0.00208	0.056	0.0234	0.00000521	30.4	0.0000228	0.000798	0.000363	0.0015	0.0612
2116 Jul	201	0.0693	0.0991	0.00319	21.7	0.052	62	0.00141	0.000918	0.00000487	0.00661	0.00209	0.0563	0.0234	0.00000522	30.5	0.0000229	0.000801	0.000365	0.00151	0.0614
2116 Aug	203	0.0694	0.0993	0.0032	21.7	0.0523	62.6	0.00141	0.00092	0.00000487	0.00663	0.0021	0.0567	0.0235	0.00000523	30.6	0.000023	0.000803	0.000366	0.00151	0.0615
2116 Sep	204	0.0694	0.0992	0.0032	21.7	0.0526	63.4	0.00141	0.000918	0.00000486	0.00663	0.0021	0.0572	0.0234	0.00000523	30.7	0.0000231	0.000803	0.000366	0.00152	0.0614
2116 Oct	205	0.0694	0.099	0.00319	21.6	0.0528	63.8	0.00141	0.000916	0.00000486	0.00663	0.0021	0.0576	0.0234	0.00000522	30.8	0.0000231	0.000804	0.000365	0.00152	0.0612
2116 Nov	205	0.0695	0.099	0.00319	21.6	0.0529	64	0.00141	0.000916	0.00000486	0.00663	0.0021	0.0578	0.0234	0.00000522	30.8	0.0000231	0.000804	0.000365	0.00152	0.0612
2116 Dec	205	0.0695	0.099	0.00319	21.6	0.053	64.1	0.00141	0.000916	0.00000486	0.00663	0.0021	0.0578	0.0234	0.00000522	30.8	0.0000231	0.000804	0.000365	0.00153	0.0612
2117 Jan	205	0.0695	0.099	0.00319	21.6	0.053	64.1	0.00141	0.000916	0.00000485	0.00664	0.0021	0.0578	0.0234	0.00000522	30.8	0.0000231	0.000804	0.000365	0.00153	0.0612
2117 Feb	205	0.0695	0.099	0.00319	21.6	0.053	64.1	0.00141	0.000916	0.00000485	0.00664	0.0021	0.0578	0.0234	0.00000522	30.8	0.0000231	0.000804	0.000366	0.00153	0.0612
2117 Mar	205	0.0695	0.099	0.00319	21.6	0.053	64.1	0.00141	0.000916	0.00000486	0.00664	0.0021	0.0578	0.0234	0.00000522	30.8	0.0000231	0.000804	0.000366	0.00153	0.0612
2117 Apr	205	0.0695	0.099	0.0032	21.6	0.053	64.1	0.00141	0.000916	0.00000486	0.00664	0.0021	0.0578	0.0234	0.00000522	30.8	0.0000231	0.000805	0.000366	0.00153	0.0612
2117 May	205	0.0696	0.0991	0.0032	21.7	0.0529	64	0.00141	0.000917	0.00000486	0.00664	0.0021	0.0577	0.0234	0.00000523	30.8	0.0000231	0.000805	0.000366	0.00153	0.0613
2117 Jun	203	0.0699	0.0991	0.0032	21.7	0.0526	63.1	0.00142	0.000919	0.00000487	0.00664	0.00211	0.0571	0.0235	0.00000523	30.7	0.0000231	0.000809	0.000366	0.00152	0.0616
2117 Jul	205	0.0701	0.0994	0.00321	21.7	0.0528	63.5	0.00142	0.000921	0.00000488	0.00666	0.00211	0.0574	0.0236	0.00000525	30.9	0.0000232	0.000811	0.000368	0.00153	0.0617
2117 Aug	206	0.0702	0.0996	0.00322	21.8	0.0531	64	0.00142	0.000922	0.00000489	0.00668	0.00212	0.0578	0.0236	0.00000525	31	0.0000232	0.000812	0.000369	0.00153	0.0618
2117 Sep	207	0.0702	0.0997	0.00322	21.8	0.0534	64.6	0.00142	0.000922	0.00000489	0.00669	0.00212	0.0583	0.0236	0.00000526	31.1	0.0000233	0.000813	0.000369	0.00154	0.0618
2117 Oct	208	0.0701	0.0996	0.00322	21.8	0.0536	65.2	0.00142	0.000921	0.00000488	0.00669	0.00212	0.0587	0.0236	0.00000526	31.2	0.0000234	0.000813	0.00037	0.00154	0.0617
2117 Nov	208	0.0701	0.0996	0.00322	21.8	0.0536	65.3	0.00142	0.00092	0.00000488	0.00669	0.00212	0.0588	0.0236	0.00000525	31.2	0.0000234	0.000813	0.00037	0.00154	0.0617
2117 Dec	208	0.0701	0.0996	0.00322	21.8	0.0536	65.4	0.00142	0.00092	0.00000488	0.00669	0.00212	0.0588	0.0236	0.00000525	31.2	0.0000234	0.000813	0.00037	0.00154	0.0617
2118 Jan	208	0.0701	0.0996	0.00322	21.8	0.0537	65.4	0.00142	0.00092	0.00000488	0.00669	0.00212	0.0588	0.0236	0.00000525	31.2	0.0000234	0.000813	0.00037	0.00154	0.0617
2118 Feb	208	0.0701	0.0996	0.00322	21.8	0.0537	65.4	0.00142	0.00092	0.00000488	0.00669	0.00212	0.0588	0.0236	0.00000525	31.2	0.0000234	0.000813	0.00037	0.00154	0.0617
2118 Mar	208	0.0701	0.0996	0.00322	21.8	0.0537	65.4	0.00142	0.00092	0.00000488	0.00669	0.00212	0.0588	0.0236	0.00000525	31.2	0.0000234	0.000813	0.00037	0.00154	0.0617
2118 Apr	208	0.0702	0.0996	0.00322	21.8	0.0537	65.4	0.00142	0.00092	0.00000488	0.00669	0.00212	0.0589	0.0236	0.00000526	31.2	0.0000234	0.000813	0.00037	0.00154	0.0617
2118 May	207	0.0704	0.0994	0.00322	21.8	0.0533	64.4	0.00142	0.000922	0.00000489	0.00669	0.00212	0.0581	0.0238	0.00000526	31.2	0.0000233	0.000814	0.000372	0.00154	0.0622
2118 Jun	203	0.0708	0.099	0.00321	21.9	0.0522	62.1	0.00143	0.000924	0.0000049	0.00668	0.00213	0.0564	0.0241	0.00000526	30.9	0.0000231	0.000819	0.000374	0.00152	0.063
2118 Jul	204	0.071	0.0994	0.00323	21.9	0.0524	62.6	0.00143	0.000927	0.00000491	0.0067	0.00214	0.0568	0.0241	0.00000527	31.1	0.0000232	0.000822	0.000376	0.00153	0.0632
2118 Aug	206	0.071	0.0994	0.00323	21.9	0.0528	63.4	0.00143	0.000925	0.0000049	0.00671	0.00214	0.0574	0.0241	0.00000527	31.2	0.0000233	0.000822	0.000376	0.00154	0.0631
2118 Sep	206	0.071	0.0992	0.00322	21.9	0.0529	63.7	0.00143	0.000923	0.00000489	0.0067	0.00214	0.0576	0.0241	0.00000526	31.3	0.0000233	0.000823	0.000376	0.00154	0.0629
2118 Oct	206	0.0711	0.099	0.00322	21.8	0.053	63.8	0.00143	0.000922	0.00000489	0.0067	0.00215	0.0578	0.024	0.00000526	31.3	0.0000233	0.000826	0.000375	0.00154	0.0628
2118 Nov	205	0.0711	0.099	0.00322	21.8	0.0531	63.9	0.00144	0.000921	0.00000489	0.0067	0.00215	0.0578	0.024	0.00000526	31.3	0.0000233	0.000827	0.000375	0.00154	0.0627
2118 Dec	205	0.0711	0.099	0.00323	21.8	0.0531	63.9	0.00144	0.000921	0.00000489	0.0067	0.00215	0.0578	0.024	0.00000526	31.3	0.0000233	0.000827	0.000375	0.00154	0.0627
2119 Jan	205	0.0711	0.099	0.00322	21.8	0.0531	63.9	0.00144	0.000921	0.00000489	0.0067	0.00215	0.0579	0.024	0.00000526	31.3	0.0000233	0.000827	0.000375	0.00154	0.0627
2119 Feb	205	0.0711	0.099	0.00322	21.8	0.0531	63.9	0.00144	0.000921	0.00000489	0.0067	0.00215	0.0579	0.024	0.00000526	31.3	0.0000233	0.000827	0.000375	0.00154	0.0627
2119 Mar	205	0.0711	0.099	0.00323	21.8	0.0531	63.9	0.00144	0.000922	0.00000489	0.0067	0.00215	0.0579	0.024	0.00000526	31.3	0.0000233	0.000828	0.000375	0.00154	0.0628
2119 Apr	205	0.0712	0.099	0.00323	21.8	0.0531	63.9	0.00144	0.000922	0.00000489	0.0067	0.00215	0.0579	0.024	0.00000526	31.3	0.0000233	0.000828	0.000375	0.00154	0.0628
2119 May	203	0.0716	0.0991	0.00323	21.9	0.0526	62.7	0.00144	0.000922	0.00000489	0.00669	0.00216	0.057	0.0242	0.00000526	31.2	0.0000232	0.000833	0.000377	0.00153	0.0631
2119 Jun	203	0.0717	0.0993	0.00324	21.9	0.0524	62.3	0.00145	0.000922	0.00000489	0.00668	0.00216	0.0567	0.0243	0.00000526	31.1	0.0000231	0.000837	0.000377	0.00153	0.0633
2119 Jul	204	0.0719	0.0996	0.00325	22	0.0527	62.9	0.00145	0.000924	0.0000049	0.0067	0.00217	0.0572	0.0243	0.00000527	31.3	0.0000232	0.000839	0.000378	0.00154	0.0634
2119 Aug	206	0.072	0.0998	0.00326	22	0.053	63.6	0.00145	0.000925	0.00000491	0.00672	0.00217	0.0577	0.0243	0.00000528	31.4	0.0000233	0.000841	0.000379	0.00154	0.0635
2119 Sep	207	0.0719	0.0997	0.00326	22	0.0534	64.4	0.00145	0.000923	0.0000049	0.00672	0.00217	0.0583	0.0243	0.00000527	31.6	0.0000234	0.000841	0.00038	0.00155	0.0633
2119 Oct	208	0.0719	0.0996	0.00326	21.9	0.0535	64.8	0.00145	0.000922	0.00000489	0.00672	0.00218	0.0586	0.0243	0.00000527	31.6	0.0000234	0.000842	0.00038	0.00155	0.0632
2119 Nov	207	0.072	0.0996	0.00326	21.9	0.0535	64.7	0.00145	0.000921	0.00000489	0.00672	0.00218	0.0585	0.0243	0.00000527	31.6	0.0000234	0.000843	0.000379	0.00155	0.0632
2119 Dec	207	0.072	0.0996	0.00326	21.9	0.0535	64.7	0.00145	0.000921	0.00000489	0.00672	0.00218	0.0586	0.0243	0.00000527	31.6	0.0000234	0.000843	0.000379	0.00155	0.0632

Appendix D.3-4: FZONE

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2119): Min	0.00000648	1.61	5.96	0.0363	0.000613	9.2	0.0042	0.0178	0.000121	0.00027	0.000126	0.119	0.00000206	0.000157	0.000393	0.00134	0.0000278
Post Closure (2044-2119): Mean	0.00000993	2.02	7	0.0542	0.000762	15.6	0.00492	0.037	0.000317	0.000307	0.000155	0.146	0.00000242	0.00022	0.000681	0.00165	0.0000463
Post Closure (2044-2119): Max	0.0000113	2.74	8.44	0.0689	0.00104	51.9	0.00604	0.0415	0.000409	0.000356	0.000203	0.186	0.00000512	0.000355	0.0008	0.00175	0.0000555
Water quality guideline for the protection of aquatic life	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	***0.009***	***0.001***	-	***0.0008***	***0.015***	-	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																	
Model Predictions (2044-2119)																	
2044 Jan	0.00000648	2	6.55	0.0368	0.000886	51.9	0.00538	0.0178	0.000121	0.000277	0.000147	0.151	0.00000511	0.000196	0.000393	0.00134	0.0000394
2044 Feb	0.00000648	2	6.55	0.0368	0.000886	51.9	0.00538	0.0178	0.000121	0.000277	0.000147	0.151	0.00000511	0.000196	0.000393	0.00134	0.0000394
2044 Mar	0.00000648	2	6.55	0.0368	0.000886	51.9	0.00538	0.0178	0.000121	0.000277	0.000147	0.151	0.00000511	0.000196	0.000393	0.00134	0.0000394
2044 Apr	0.00000648	2	6.55	0.0368	0.000886	51.9	0.00538	0.0178	0.000121	0.000277	0.000147	0.151	0.00000511	0.000196	0.000393	0.00134	0.0000394
2044 May	0.00000648	2	6.56	0.0368	0.000887	51.9	0.00539	0.0178	0.000121	0.000277	0.000147	0.151	0.00000512	0.000196	0.000394	0.00134	0.0000394
2044 Jun	0.00000664	1.94	6.29	0.0365	0.000845	48.8	0.00514	0.0193	0.000128	0.000271	0.000142	0.146	0.00000489	0.000187	0.000402	0.00136	0.0000367
2044 Jul	0.00000672	1.92	6.23	0.0364	0.000833	47.8	0.00507	0.0199	0.000131	0.00027	0.00014	0.145	0.00000481	0.000185	0.000406	0.00137	0.0000357
2044 Aug	0.00000675	1.93	6.28	0.0366	0.000838	48.1	0.00511	0.0199	0.000131	0.000272	0.000141	0.145	0.00000482	0.000186	0.000408	0.00137	0.0000358
2044 Sep	0.00000679	1.93	6.36	0.0368	0.000845	48.4	0.00516	0.0199	0.000131	0.000274	0.000142	0.146	0.00000482	0.000188	0.00041	0.00138	0.0000357
2044 Oct	0.00000682	1.93	6.42	0.0369	0.000851	48.6	0.00521	0.0199	0.000131	0.000276	0.000143	0.146	0.00000481	0.000189	0.000411	0.00138	0.0000357
2044 Nov	0.00000683	1.93	6.44	0.0369	0.000852	48.7	0.00522	0.0199	0.000131	0.000276	0.000143	0.146	0.00000481	0.00019	0.000412	0.00138	0.0000357
2044 Dec	0.00000684	1.93	6.44	0.037	0.000852	48.7	0.00522	0.0199	0.000131	0.000276	0.000143	0.146	0.00000481	0.00019	0.000412	0.00138	0.0000357
2045 Jan	0.00000684	1.93	6.44	0.037	0.000852	48.7	0.00522	0.0199	0.000131	0.000276	0.000143	0.146	0.00000481	0.00019	0.000412	0.00138	0.0000357
2045 Feb	0.00000684	1.93	6.44	0.037	0.000852	48.7	0.00522	0.0199	0.000131	0.000276	0.000143	0.146	0.00000481	0.00019	0.000412	0.00138	0.0000357
2045 Mar	0.00000684	1.93	6.44	0.037	0.000852	48.7	0.00522	0.0199	0.000131	0.000276	0.000143	0.146	0.00000481	0.00019	0.000412	0.00138	0.0000357
2045 Apr	0.00000684	1.93	6.44	0.037	0.000852	48.7	0.00522	0.0199	0.000131	0.000276	0.000143	0.146	0.00000481	0.00019	0.000412	0.00138	0.0000357
2045 May	0.00000684	1.94	6.44	0.037	0.000853	48.8	0.00522	0.02	0.000131	0.000276	0.000143	0.146	0.00000482	0.00019	0.000412	0.00138	0.0000357
2045 Jun	0.00000706	1.91	6.54	0.0372	0.00085	47.8	0.00525	0.0208	0.000133	0.000281	0.000144	0.145	0.00000468	0.00019	0.000422	0.0014	0.000034
2045 Jul	0.00000715	1.9	6.5	0.0371	0.00084	46.9	0.0052	0.0214	0.000135	0.00028	0.000143	0.143	0.0000046	0.000188	0.000427	0.00142	0.000033
2045 Aug	0.00000719	1.9	6.55	0.0372	0.000845	47.1	0.00523	0.0214	0.000135	0.000282	0.000143	0.144	0.0000046	0.00019	0.000428	0.00142	0.0000331
2045 Sep	0.00000722	1.91	6.6	0.0374	0.00085	47.3	0.00527	0.0214	0.000135	0.000284	0.000144	0.144	0.0000046	0.000191	0.00043	0.00142	0.0000331
2045 Oct	0.00000724	1.91	6.65	0.0375	0.000854	47.5	0.0053	0.0214	0.000135	0.000285	0.000145	0.144	0.00000461	0.000192	0.000431	0.00143	0.0000331
2045 Nov	0.00000725	1.91	6.66	0.0375	0.000855	47.5	0.00531	0.0214	0.000135	0.000285	0.000145	0.144	0.00000461	0.000192	0.000431	0.00143	0.0000331
2045 Dec	0.00000725	1.91	6.66	0.0375	0.000855	47.5	0.00531	0.0214	0.000135	0.000285	0.000145	0.145	0.00000461	0.000192	0.000431	0.00143	0.0000331
2046 Jan	0.00000725	1.91	6.66	0.0375	0.000855	47.5	0.00531	0.0214	0.000135	0.000286	0.000145	0.145	0.00000461	0.000192	0.000431	0.00143	0.0000331
2046 Feb	0.00000725	1.91	6.66	0.0375	0.000855	47.5	0.00531	0.0214	0.000135	0.000286	0.000145	0.145	0.00000461	0.000192	0.000431	0.00143	0.0000331
2046 Mar	0.00000725	1.91	6.66	0.0375	0.000856	47.5	0.00531	0.0214	0.000135	0.000286	0.000145	0.145	0.00000461	0.000192	0.000431	0.00143	0.0000331
2046 Apr	0.00000725	1.91	6.66	0.0375	0.000856	47.6	0.00531	0.0214	0.000135	0.000286	0.000145	0.145	0.00000461	0.000192	0.000432	0.00143	0.0000331
2046 May	0.00000726	1.91	6.67	0.0376	0.000857	47.6	0.00532	0.0214	0.000135	0.000286	0.000145	0.145	0.00000461	0.000192	0.000432	0.00143	0.0000331
2046 Jun	0.00000742	1.86	6.51	0.037	0.000827	45.2	0.00516	0.0226	0.000137	0.000284	0.000142	0.14	0.00000443	0.000187	0.000438	0.00145	0.0000312
2046 Jul	0.00000751	1.82	6.27	0.0363	0.000793	42.8	0.00496	0.0236	0.000139	0.000279	0.000137	0.136	0.00000427	0.00018	0.000441	0.00147	0.0000297
2046 Aug	0.00000755	1.82	6.33	0.0364	0.000799	43.1	0.005	0.0236	0.00014	0.000281	0.000138	0.137	0.00000428	0.000182	0.000443	0.00148	0.0000297
2046 Sep	0.0000076	1.83	6.44	0.0367	0.000809	43.4	0.00508	0.0236	0.000139	0.000285	0.00014	0.137	0.00000427	0.000184	0.000446	0.00148	0.0000297
2046 Oct	0.00000765	1.83	6.53	0.0369	0.000816	43.6	0.00514	0.0236	0.000139	0.000287	0.000141	0.138	0.00000426	0.000186	0.000448	0.00148	0.0000296
2046 Nov	0.00000767	1.83	6.57	0.037	0.00082	43.7	0.00516	0.0236	0.000139	0.000288	0.000141	0.138	0.00000426	0.000187	0.000449	0.00148	0.0000295
2046 Dec	0.00000768	1.83	6.57	0.037	0.00082	43.7	0.00517	0.0236	0.000139	0.000288	0.000141	0.138	0.00000426	0.000187	0.000449	0.00148	0.0000295
2047 Jan	0.00000768	1.83	6.57	0.037	0.00082	43.7	0.00517	0.0236	0.000139	0.000288	0.000141	0.138	0.00000426	0.000187	0.000449	0.00148	0.0000295
2047 Feb	0.00000768	1.83	6.57	0.037	0.00082	43.7	0.00517	0.0236	0.000139	0.000288	0.000141	0.138	0.00000426	0.000187	0.000449	0.00148	0.0000295
2047 Mar	0.00000768	1.84	6.57	0.037	0.00082	43.7	0.00517	0.0236	0.000139	0.000288	0.000141	0.138	0.00000426	0.000187	0.000449	0.00148	0.0000295
2047 Apr	0.00000768	1.84	6.58	0.037	0.000821	43.7	0.00517	0.0236	0.000139	0.000288	0.000141	0.138	0.00000426	0.000187	0.00045	0.00148	0.0000295
2047 May	0.00000771	1.83	6.58	0.0371	0.000819	43.5	0.00516	0.0238	0.000141	0.000289	0.000141	0.138	0.00000424	0.000186	0.000452	0.00149	0.0000294
2047 Jun	0.00000783	1.79	6.35	0.0376	0.000779	40.7	0.00494	0.0252	0.000155	0.000283	0.000137	0.135	0.00000404	0.000179	0.000467	0.0015	0.0000282
2047 Jul	0.00000786	1.8	6.4	0.0378	0.000784	40.8	0.00497	0.0253	0.000156	0.000285	0.000138	0.135	0.00000405	0.00018	0.000469	0.00151	0.0000282
2047 Aug	0.0000079	1.81	6.45	0.038	0.00079	41	0.00501	0.0253	0.000156	0.000287	0.000139	0.136	0.00000406	0.000181	0.000471	0.00152	0.0000283
2047 Sep	0.00000795	1.81	6.56	0.0382	0.000799	41.3	0.00508	0.0253	0.000156	0.00029	0.000141	0.137	0.00000406	0.000183	0.000474	0.00152	0.0000283
2047 Oct	0.00000801	1.82	6.67	0.0385	0.000809	41.7	0.00516	0.0253	0.000156	0.000293	0.000142	0.137	0.00000405	0.000186	0.000477	0.00152	0.0000282
2047 Nov	0.00000803	1.82	6.71	0.0386	0.000813	41.8	0.00518	0.0253	0.000156	0.000294	0.000143	0.138	0.00000405	0.000186	0.000477	0.00152	0.0000282
2047 Dec	0.00000803	1.82	6.71	0.0386	0.000813	41.8	0.00519	0.0253	0.000156	0.000294	0.000143	0.138	0.00000405	0.000187	0.000478	0.00152	0.0000282
2048 Jan	0.00000803	1.82	6.72	0.0386	0.000813	41.8	0.00519	0.0253	0.000156	0.000294	0.000143	0.138	0.00000405	0.000187	0.000478	0.00152	0.0000282
2048 Feb	0.00000803	1.82	6.72	0.0386	0.000813	41.8	0.00519	0.0253	0.000156	0.000294	0.000143	0.138	0.00000405	0.000187	0.000478	0.00152	0.0000282
2048 Mar	0.00000803	1.82	6.72	0.0386	0.000813	41.8	0.00519	0.0253	0.000156	0.000294	0.000143	0.138	0.00000405	0.000187	0.000478	0.00152	0.0000282
2048 Apr	0.00000803	1.82	6.72	0.0386	0.000814	41.8	0.00519	0.0253	0.000156	0.000294	0.000143	0.138	0.00000405	0.000187	0.000478	0.00152	0.0000282
2048 May	0.00000804	1.82	6.72	0.0386	0.000814	41.8	0.0052	0.0253	0.000156	0.000295	0.000143	0.138	0.00000406	0.000187	0.000478	0.00153	0.0000282
2048 Jun	0.00000809	1.78	6.4	0.038	0.000772	39.2	0.00493	0.0265	0.000161	0.000287	0.000137	0.133	0.0000039	0.000178	0.000483	0.00154	0.0000279
2048 Jul	0.00000815	1.74	6.15	0.0376	0.000737	37	0.00472	0.0274	0.000165	0.000282	0.000133	0.13	0.00000377	0.000171	0.000487	0.00155	0.0000278
2048 Aug	0.0000082	1.74	6.25	0.0378	0.000747	37.3	0.00479	0.0274	0.000165	0.000285	0.000135	0.131	0.00000377	0.000174	0.000489	0.00156	0.0000278
2048 Sep	0.00000826	1.75	6.36	0.0381	0.000757	37.5	0.00487	0.0274	0.000165	0.000288	0.000136	0.131	0.00000377	0.000176	0.000492	0.00156	0.0000278
2048 Oct	0.0000083	1.76	6.44	0.0383	0.000764	37.7	0.00493	0.0274	0.000165	0.00029	0.000137	0.132	0.00000376	0.000178	0.000494	0.00157	0.0000278
2048 Nov	0.00000832	1.76	6.47	0.0384	0.000766	37.8	0.00494	0.0274	0.000165	0.000291	0.000137	0.132	0.00000376	0.000178	0.000495	0.00157	0.0000278
2048 Dec	0.00000832	1.76	6.47	0.0384	0.000766	37.8	0.00494	0.0274	0.000165	0.000291	0.000138	0.132	0.00000376	0.000178	0.000495	0.00157	0.0000278
2049 Jan	0.00000832	1.76	6.47	0.0384	0.000766	37.8	0.00494	0.0274	0.000165	0.000291	0.000138	0.132	0.00000376	0.000178	0.000495	0.00157	0.0000278
2049 Feb	0.00000832	1.76	6.47	0.0384	0.000766	37.8	0.00494	0.0274	0.000165	0.000291	0.000138	0.132	0.00000376	0.000178	0.000495	0.00157	0.0000278
2049 Mar	0.00000832	1.76	6.47	0.0384	0.000766	37.8	0.00494	0.0274	0.000165	0.000291	0.000138	0.132	0.00000376	0.000178	0.000495	0.00157	0.0000278
2049 Apr	0.00000832	1.76	6.47	0.0384	0.000766	37.8	0.00494	0.0274	0.000165	0.000291	0.000138	0.132	0.00000376	0.000178	0.000495	0.00157	0.0000278
2049 May	0.00000833	1.76	6.48	0.0384	0.000767	37.8	0.00495	0.0275	0.000165	0.000292	0.000138	0.132	0.00000376	0.000178	0.000495	0.00157	0.0000278
2049 Jun	0.00000834	1.71	6.13	0.0373	0.000724	35.3	0.00468	0.0283	0.000166	0.000284	0.000132	0.127	0.00000361	0.000169	0.000494	0.00158	0.0000285
2049 Jul	0.00000837	1.68	5.99	0.0368	0.000705	34	0.00456	0.0288	0.000167	0.000281	0.000129	0.125	0.00000353	0.000166	0.000494	0.00159	0.0000292
2049 Aug	0.00000841	1.69	6.05	0.037	0.00071	34.2	0.00461	0.0289	0.000167	0.000283	0.00013	0.126	0.00000354	0.000167	0.000497	0.00159	0.0000292
2049 Sep	0.00000846	1.7	6.15	0.0373	0.00072	34.4	0.00468	0.0289	0.000167	0.000286	0.000132	0.127	0.00000354	0.000169	0.000499	0.00159	0.0000292

Appendix D.3-4: FZONE

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2049 Oct	0.0000085	1.7	6.24	0.0375	0.000728	34.6	0.00474	0.0288	0.000167	0.000288	0.000133	0.127	0.00000354	0.000171	0.000501	0.0016	0.0000292
2049 Nov	0.00000853	1.71	6.29	0.0376	0.000733	34.7	0.00478	0.0288	0.000167	0.00029	0.000134	0.127	0.00000353	0.000172	0.000503	0.0016	0.0000292
2049 Dec	0.00000854	1.71	6.3	0.0376	0.000733	34.7	0.00478	0.0288	0.000167	0.00029	0.000134	0.128	0.00000353	0.000172	0.000503	0.0016	0.0000292
2050 Jan	0.00000854	1.71	6.3	0.0376	0.000733	34.7	0.00478	0.0288	0.000167	0.00029	0.000134	0.128	0.00000353	0.000172	0.000503	0.0016	0.0000292
2050 Feb	0.00000854	1.71	6.3	0.0376	0.000733	34.7	0.00478	0.0288	0.000167	0.00029	0.000134	0.128	0.00000353	0.000172	0.000503	0.0016	0.0000292
2050 Mar	0.00000854	1.71	6.3	0.0376	0.000733	34.7	0.00478	0.0288	0.000167	0.00029	0.000134	0.128	0.00000353	0.000172	0.000503	0.0016	0.0000292
2050 Apr	0.00000854	1.71	6.3	0.0376	0.000733	34.7	0.00478	0.0289	0.000167	0.00029	0.000134	0.128	0.00000353	0.000172	0.000503	0.0016	0.0000292
2050 May	0.00000854	1.71	6.31	0.0377	0.000734	34.7	0.00478	0.0289	0.000167	0.00029	0.000134	0.128	0.00000354	0.000172	0.000503	0.0016	0.0000292
2050 Jun	0.00000853	1.68	6.11	0.037	0.00071	33.4	0.00463	0.0293	0.000166	0.000285	0.00013	0.125	0.00000346	0.000167	0.000501	0.0016	0.0000299
2050 Jul	0.00000854	1.66	5.97	0.0364	0.000693	32.3	0.00453	0.0296	0.000166	0.000282	0.000128	0.123	0.00000339	0.000164	0.0005	0.00161	0.0000307
2050 Aug	0.00000858	1.66	6.03	0.0366	0.000699	32.5	0.00457	0.0297	0.000166	0.000284	0.000129	0.123	0.0000034	0.000165	0.000502	0.00161	0.0000307
2050 Sep	0.00000862	1.67	6.11	0.0368	0.000706	32.6	0.00463	0.0297	0.000166	0.000287	0.00013	0.124	0.0000034	0.000167	0.000504	0.00162	0.0000307
2050 Oct	0.00000864	1.67	6.15	0.0369	0.00071	32.7	0.00465	0.0297	0.000166	0.000288	0.000131	0.124	0.0000034	0.000168	0.000505	0.00162	0.0000307
2050 Nov	0.00000865	1.67	6.17	0.037	0.000712	32.8	0.00467	0.0297	0.000166	0.000288	0.000131	0.125	0.0000034	0.000168	0.000506	0.00162	0.0000307
2050 Dec	0.00000865	1.67	6.17	0.037	0.000712	32.8	0.00467	0.0297	0.000166	0.000289	0.000131	0.125	0.0000034	0.000168	0.000506	0.00162	0.0000307
2051 Jan	0.00000865	1.67	6.18	0.037	0.000712	32.8	0.00467	0.0297	0.000166	0.000289	0.000131	0.125	0.0000034	0.000168	0.000506	0.00162	0.0000307
2051 Feb	0.00000865	1.67	6.18	0.037	0.000712	32.8	0.00467	0.0297	0.000166	0.000289	0.000131	0.125	0.0000034	0.000168	0.000506	0.00162	0.0000307
2051 Mar	0.00000865	1.67	6.18	0.037	0.000712	32.8	0.00467	0.0297	0.000166	0.000289	0.000131	0.125	0.0000034	0.000168	0.000506	0.00162	0.0000307
2051 Apr	0.00000865	1.67	6.18	0.037	0.000713	32.8	0.00467	0.0297	0.000166	0.000289	0.000131	0.125	0.0000034	0.000168	0.000506	0.00162	0.0000307
2051 May	0.00000869	1.68	6.23	0.0372	0.000717	32.9	0.00471	0.0297	0.000166	0.00029	0.000132	0.125	0.0000034	0.00017	0.000508	0.00162	0.0000307
2051 Jun	0.00000876	1.65	6.09	0.0371	0.00069	30.7	0.00457	0.0305	0.000172	0.000288	0.000129	0.122	0.00000324	0.000165	0.000516	0.00163	0.0000328
2051 Jul	0.00000875	1.63	5.97	0.0368	0.000674	29.8	0.00448	0.0307	0.000173	0.000285	0.000127	0.121	0.00000319	0.000161	0.000516	0.00164	0.0000339
2051 Aug	0.00000879	1.64	6.04	0.0369	0.000681	29.9	0.00453	0.0308	0.000173	0.000287	0.000128	0.121	0.00000319	0.000163	0.000517	0.00164	0.0000339
2051 Sep	0.00000881	1.64	6.08	0.037	0.000684	29.9	0.00456	0.0308	0.000173	0.000288	0.000128	0.122	0.00000318	0.000164	0.000518	0.00164	0.000034
2051 Oct	0.00000881	1.62	6.04	0.0367	0.000679	29.2	0.00452	0.0309	0.000172	0.000286	0.000127	0.12	0.00000313	0.000162	0.000516	0.00164	0.0000349
2051 Nov	0.00000882	1.63	6.06	0.0367	0.00068	29.2	0.00453	0.0309	0.000172	0.000287	0.000128	0.121	0.00000313	0.000163	0.000516	0.00164	0.000035
2051 Dec	0.00000883	1.63	6.06	0.0367	0.000681	29.2	0.00453	0.0309	0.000172	0.000287	0.000128	0.121	0.00000313	0.000163	0.000516	0.00164	0.000035
2052 Jan	0.00000883	1.63	6.06	0.0367	0.000681	29.2	0.00453	0.0309	0.000172	0.000287	0.000128	0.121	0.00000313	0.000163	0.000516	0.00164	0.000035
2052 Feb	0.00000883	1.63	6.06	0.0367	0.000681	29.2	0.00453	0.0309	0.000172	0.000287	0.000128	0.121	0.00000313	0.000163	0.000516	0.00164	0.000035
2052 Mar	0.00000883	1.63	6.06	0.0367	0.000681	29.2	0.00453	0.0309	0.000172	0.000287	0.000128	0.121	0.00000313	0.000163	0.000516	0.00164	0.000035
2052 Apr	0.00000883	1.63	6.06	0.0367	0.000681	29.2	0.00454	0.0309	0.000172	0.000287	0.000128	0.121	0.00000313	0.000163	0.000516	0.00164	0.000035
2052 May	0.00000883	1.63	6.07	0.0368	0.000681	29.2	0.00454	0.0309	0.000172	0.000287	0.000128	0.121	0.00000313	0.000163	0.000517	0.00164	0.0000351
2052 Jun	0.00000881	1.61	5.96	0.0365	0.000669	28.5	0.00445	0.0311	0.000173	0.000283	0.000126	0.119	0.00000308	0.00016	0.000516	0.00163	0.000036
2052 Jul	0.00000884	1.62	6.01	0.0366	0.000673	28.5	0.00449	0.0312	0.000173	0.000285	0.000127	0.12	0.00000308	0.000161	0.000517	0.00164	0.0000363
2052 Aug	0.00000888	1.62	6.06	0.0368	0.000678	28.6	0.00453	0.0312	0.000173	0.000287	0.000127	0.12	0.00000308	0.000163	0.000519	0.00164	0.0000363
2052 Sep	0.00000892	1.63	6.13	0.037	0.000685	28.7	0.00458	0.0312	0.000173	0.000289	0.000128	0.121	0.00000308	0.000164	0.000521	0.00164	0.0000363
2052 Oct	0.00000895	1.63	6.21	0.0371	0.000691	28.8	0.00463	0.0312	0.000173	0.000291	0.000129	0.121	0.00000308	0.000166	0.000522	0.00165	0.0000363
2052 Nov	0.00000896	1.63	6.22	0.0372	0.000693	28.8	0.00464	0.0312	0.000173	0.000291	0.00013	0.121	0.00000308	0.000166	0.000523	0.00165	0.0000363
2052 Dec	0.00000896	1.63	6.23	0.0372	0.000693	28.8	0.00464	0.0312	0.000173	0.000292	0.00013	0.121	0.00000308	0.000166	0.000523	0.00165	0.0000363
2053 Jan	0.00000897	1.63	6.23	0.0372	0.000694	28.8	0.00464	0.0312	0.000173	0.000292	0.00013	0.121	0.00000308	0.000166	0.000523	0.00165	0.0000363
2053 Feb	0.00000897	1.63	6.23	0.0372	0.000694	28.8	0.00464	0.0312	0.000173	0.000292	0.00013	0.121	0.00000308	0.000166	0.000523	0.00165	0.0000363
2053 Mar	0.00000897	1.63	6.23	0.0372	0.000694	28.8	0.00464	0.0312	0.000173	0.000292	0.00013	0.121	0.00000308	0.000166	0.000523	0.00165	0.0000363
2053 Apr	0.00000897	1.63	6.24	0.0372	0.000694	28.8	0.00465	0.0312	0.000173	0.000292	0.00013	0.122	0.00000308	0.000166	0.000523	0.00165	0.0000363
2053 May	0.00000905	1.64	6.38	0.0377	0.000706	28.9	0.00474	0.0313	0.000174	0.000296	0.000132	0.123	0.00000307	0.000169	0.000528	0.00166	0.0000365
2053 Jun	0.00000901	1.63	6.2	0.0379	0.00068	27.3	0.00458	0.0318	0.000184	0.00029	0.000129	0.121	0.00000297	0.000164	0.000533	0.00165	0.0000385
2053 Jul	0.00000903	1.63	6.2	0.038	0.000679	27.1	0.00458	0.0319	0.000185	0.00029	0.000129	0.121	0.00000296	0.000164	0.000535	0.00165	0.000039
2053 Aug	0.00000909	1.64	6.3	0.0383	0.000689	27.3	0.00465	0.0319	0.000185	0.000293	0.000131	0.122	0.00000296	0.000166	0.000538	0.00166	0.0000391
2053 Sep	0.00000918	1.65	6.47	0.0388	0.000704	27.5	0.00476	0.032	0.000185	0.000298	0.000133	0.123	0.00000297	0.000169	0.000543	0.00167	0.0000391
2053 Oct	0.00000923	1.66	6.58	0.039	0.000713	27.7	0.00484	0.032	0.000185	0.000301	0.000134	0.124	0.00000297	0.000172	0.000546	0.00167	0.0000391
2053 Nov	0.00000924	1.66	6.6	0.0391	0.000715	27.7	0.00485	0.0319	0.000185	0.000302	0.000135	0.124	0.00000297	0.000172	0.000546	0.00167	0.0000391
2053 Dec	0.00000924	1.66	6.61	0.0391	0.000716	27.7	0.00485	0.0319	0.000185	0.000302	0.000135	0.124	0.00000297	0.000172	0.000546	0.00167	0.0000391
2054 Jan	0.00000924	1.66	6.61	0.0391	0.000716	27.7	0.00486	0.0319	0.000185	0.000302	0.000135	0.124	0.00000297	0.000172	0.000546	0.00167	0.0000391
2054 Feb	0.00000924	1.66	6.61	0.0391	0.000716	27.7	0.00486	0.0319	0.000185	0.000302	0.000135	0.124	0.00000297	0.000172	0.000546	0.00167	0.0000391
2054 Mar	0.00000924	1.66	6.61	0.0391	0.000716	27.7	0.00486	0.0319	0.000185	0.000302	0.000135	0.124	0.00000297	0.000172	0.000546	0.00167	0.0000391
2054 Apr	0.00000924	1.66	6.61	0.0391	0.000716	27.7	0.00486	0.032	0.000185	0.000302	0.000135	0.124	0.00000297	0.000172	0.000547	0.00167	0.0000391
2054 May	0.00000925	1.66	6.62	0.0392	0.000717	27.8	0.00486	0.032	0.000186	0.000302	0.000135	0.124	0.00000297	0.000173	0.000547	0.00167	0.0000391
2054 Jun	0.00000922	1.65	6.52	0.0394	0.000704	27.1	0.00478	0.0322	0.000191	0.000299	0.000134	0.124	0.00000293	0.00017	0.00055	0.00167	0.0000396
2054 Jul	0.00000923	1.65	6.51	0.0395	0.000702	26.8	0.00477	0.0323	0.000192	0.000299	0.000133	0.124	0.00000291	0.00017	0.000552	0.00167	0.00004
2054 Aug	0.00000928	1.66	6.59	0.0397	0.000709	26.9	0.00483	0.0323	0.000192	0.000302	0.000135	0.124	0.00000292	0.000171	0.000554	0.00167	0.00004
2054 Sep	0.00000931	1.66	6.65	0.0399	0.000714	27	0.00487	0.0323	0.000193	0.000303	0.000135	0.125	0.00000292	0.000172	0.000556	0.00168	0.00004
2054 Oct	0.00000932	1.66	6.68	0.0399	0.000717	27	0.00489	0.0323	0.000193	0.000304	0.000136	0.125	0.00000291	0.000173	0.000557	0.00168	0.0000401
2054 Nov	0.00000933	1.66	6.69	0.04	0.000717	26.9	0.00489	0.0323	0.000193	0.000304	0.000136	0.125	0.00000291	0.000173	0.000557	0.00168	0.0000401
2054 Dec	0.00000933	1.66	6.7	0.04	0.000718	26.9	0.0049	0.0323	0.000193	0.000305	0.000136	0.125	0.00000291	0.000173	0.000557	0.00168	0.0000401
2055 Jan	0.00000933	1.66	6.7	0.04	0.000718	26.9	0.0049	0.0323	0.000193	0.000305	0.000136	0.125	0.00000291	0.000173	0.000557	0.00168	0.0000401
2055 Feb	0.00000933	1.66	6.7	0.04	0.000718	26.9	0.0049	0.0323	0.000193	0.000305	0.000136	0.125	0.00000291	0.000173	0.000557	0.00168	0.0000401
2055 Mar	0.00000933	1.66	6.7	0.04	0.000718	26.9	0.0049	0.0323	0.000193	0.000305	0.000136	0.125	0.00000291	0.000173	0.000557	0.00168	0.0000401
2055 Apr	0.00000933	1.66	6.7	0.04	0.000718	26.9	0.0049	0.0323	0.000193	0.000305	0.000136	0.125	0.00000291	0.000173	0.000557	0.00168	0.0000401
2055 May	0.00000934	1.67	6.7	0.04	0.000719	27	0.0049	0.0323	0.000193	0.000305	0.000136	0.125	0.00000291	0.000174	0.000558	0.00168	0.0000402
2055 Jun	0.00000924	1.63	6.37	0.0391	0.000681	25.2	0.00465	0.0327	0.000194	0.000296	0.000131	0.122	0.00000282	0.000166	0.000553	0.00167	0.0000421
2055 Jul	0.00000918	1.61	6.18	0.0386	0.00066	24.4	0.00452	0.0329	0.000195	0.000291	0.000128	0.12	0.00000277	0.000161	0.00055	0.00167	0.0000433
2055 Aug	0.00000922	1.62	6.22	0.0388	0.000665	24.5	0.00455	0.0329	0.000195	0.000292	0.000129	0.12	0.00000278	0.000162	0.000552	0.00168	0.0000433
2055 Sep	0.00000925	1.62	6.28	0.0389	0.00067	24.5	0.00459	0.0329	0.000195	0.000294	0.00013	0.121	0.00000278	0.000164	0.000554	0.00168	0.0000433
2055 Oct	0.00000927	1.62	6.32	0.039	0.000674	24.6	0.00462	0.0329	0.000195	0.000295	0.00013	0.121	0.00000278	0.000165	0.000555	0.00168	0.0000433
2055 Nov	0.00000928	1.63	6.35	0.0391	0.000676	24.6	0.00464	0.0329	0.000195	0.000296	0.000131	0.121	0.00000278	0.000165	0.000555	0.00168	0.0000433
2055 Dec	0.00000929	1.63	6.36	0.0391	0.000677	24.6	0.00464	0.0329	0.000195	0.000296	0.000131	0.121	0.00000278	0.000165	0.000556	0.00168	0.0000433
2056 Jan	0.00000929	1.63	6.36	0.0391	0.000677	24.6	0.00464	0.0329	0.000195	0.000296	0.000131	0.121	0.00000278	0.000165	0.000556	0.00168	0.0000433
2056 Feb	0.00000929	1.63	6.36	0.0391	0.000677	24.6	0.00465	0.0329	0.000195	0.000296	0.000131	0.121	0.00000278	0.000165	0.000556	0.00168	0.0000433

Appendix D.3-4: FZONE

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2056 Mar	0.00000929	1.63	6.36	0.0391	0.000677	24.6	0.00465	0.0329	0.000195	0.000296	0.000131	0.121	0.00000278	0.000165	0.000556	0.00168	0.0000433
2056 Apr	0.00000929	1.63	6.36	0.0392	0.000678	24.6	0.00465	0.0329	0.000195	0.000296	0.000131	0.121	0.00000278	0.000165	0.000556	0.00168	0.0000433
2056 May	0.00000929	1.63	6.35	0.0392	0.000675	24.5	0.00463	0.033	0.000197	0.000296	0.000131	0.121	0.00000278	0.000165	0.000557	0.00168	0.0000434
2056 Jun	0.0000092	1.61	6.14	0.0396	0.00065	23.6	0.00446	0.0333	0.000206	0.000289	0.000128	0.12	0.00000272	0.00016	0.000561	0.00167	0.0000445
2056 Jul	0.00000923	1.62	6.18	0.0397	0.000653	23.6	0.00449	0.0334	0.000207	0.000291	0.000128	0.121	0.00000273	0.00016	0.000563	0.00168	0.0000447
2056 Aug	0.00000928	1.63	6.25	0.0399	0.00066	23.6	0.00454	0.0334	0.000207	0.000293	0.000129	0.121	0.00000273	0.000162	0.000566	0.00168	0.0000447
2056 Sep	0.00000932	1.63	6.31	0.0401	0.000666	23.7	0.00459	0.0334	0.000207	0.000295	0.00013	0.122	0.00000273	0.000163	0.000568	0.00169	0.0000447
2056 Oct	0.00000935	1.64	6.4	0.0403	0.000674	23.8	0.00465	0.0334	0.000207	0.000298	0.000132	0.122	0.00000273	0.000165	0.00057	0.00169	0.0000447
2056 Nov	0.00000937	1.64	6.43	0.0404	0.000677	23.8	0.00467	0.0334	0.000207	0.000298	0.000132	0.123	0.00000273	0.000166	0.00057	0.00169	0.0000446
2056 Dec	0.00000937	1.64	6.44	0.0404	0.000678	23.8	0.00467	0.0334	0.000207	0.000299	0.000132	0.123	0.00000273	0.000166	0.00057	0.00169	0.0000446
2057 Jan	0.00000937	1.64	6.44	0.0404	0.000678	23.8	0.00467	0.0334	0.000207	0.000299	0.000132	0.123	0.00000273	0.000166	0.00057	0.00169	0.0000446
2057 Feb	0.00000937	1.64	6.44	0.0404	0.000678	23.8	0.00467	0.0334	0.000207	0.000299	0.000132	0.123	0.00000273	0.000166	0.00057	0.00169	0.0000446
2057 Mar	0.00000937	1.64	6.44	0.0404	0.000678	23.8	0.00467	0.0334	0.000207	0.000299	0.000132	0.123	0.00000273	0.000166	0.00057	0.00169	0.0000446
2057 Apr	0.00000938	1.64	6.44	0.0404	0.000678	23.8	0.00468	0.0334	0.000207	0.000299	0.000132	0.123	0.00000273	0.000166	0.000571	0.00169	0.0000447
2057 May	0.00000938	1.64	6.45	0.0405	0.000679	23.9	0.00468	0.0334	0.000207	0.000299	0.000132	0.123	0.00000273	0.000166	0.000571	0.00169	0.0000447
2057 Jun	0.0000093	1.62	6.21	0.0405	0.000651	22.8	0.00449	0.0337	0.000214	0.000292	0.000129	0.121	0.00000268	0.000161	0.000573	0.00169	0.0000456
2057 Jul	0.00000931	1.62	6.2	0.0406	0.000649	22.7	0.00449	0.0338	0.000216	0.000292	0.000129	0.121	0.00000267	0.00016	0.000575	0.00169	0.0000459
2057 Aug	0.00000936	1.63	6.27	0.0408	0.000655	22.8	0.00453	0.0339	0.000216	0.000294	0.00013	0.122	0.00000268	0.000162	0.000578	0.0017	0.000046
2057 Sep	0.00000942	1.64	6.38	0.0411	0.000665	22.9	0.00461	0.0339	0.000216	0.000297	0.000132	0.123	0.00000268	0.000164	0.000581	0.0017	0.000046
2057 Oct	0.00000947	1.65	6.49	0.0414	0.000676	23	0.00469	0.0339	0.000216	0.000301	0.000133	0.124	0.00000268	0.000167	0.000584	0.0017	0.0000459
2057 Nov	0.00000948	1.65	6.52	0.0415	0.000678	23	0.0047	0.0339	0.000216	0.000302	0.000134	0.124	0.00000268	0.000167	0.000584	0.00171	0.0000459
2057 Dec	0.00000949	1.65	6.52	0.0415	0.000679	23	0.00471	0.0339	0.000216	0.000302	0.000134	0.124	0.00000268	0.000167	0.000584	0.00171	0.0000459
2058 Jan	0.00000949	1.65	6.53	0.0415	0.000679	23	0.00471	0.0339	0.000216	0.000302	0.000134	0.124	0.00000268	0.000167	0.000584	0.00171	0.0000459
2058 Feb	0.00000949	1.65	6.53	0.0415	0.000679	23	0.00471	0.0339	0.000216	0.000302	0.000134	0.124	0.00000268	0.000167	0.000584	0.00171	0.0000459
2058 Mar	0.00000949	1.65	6.53	0.0415	0.000679	23	0.00471	0.0339	0.000216	0.000302	0.000134	0.124	0.00000268	0.000167	0.000584	0.00171	0.0000459
2058 Apr	0.00000949	1.65	6.53	0.0415	0.000679	23	0.00471	0.0339	0.000216	0.000302	0.000134	0.124	0.00000268	0.000167	0.000584	0.00171	0.0000459
2058 May	0.00000957	1.66	6.67	0.0421	0.00069	23	0.0048	0.034	0.000219	0.000306	0.000136	0.125	0.00000268	0.00017	0.000591	0.00171	0.000046
2058 Jun	0.00000957	1.67	6.64	0.0441	0.000674	21.7	0.00472	0.0346	0.000241	0.000304	0.000136	0.126	0.0000026	0.000168	0.000613	0.00171	0.000047
2058 Jul	0.00000958	1.68	6.62	0.0444	0.000671	21.5	0.00471	0.0347	0.000244	0.000304	0.000136	0.127	0.00000259	0.000167	0.000615	0.00171	0.0000474
2058 Aug	0.00000963	1.68	6.7	0.0446	0.000679	21.6	0.00476	0.0348	0.000245	0.000306	0.000137	0.127	0.0000026	0.000169	0.000618	0.00172	0.0000474
2058 Sep	0.00000967	1.69	6.8	0.0448	0.000688	21.7	0.00483	0.0348	0.000244	0.000309	0.000138	0.128	0.0000026	0.000171	0.00062	0.00172	0.0000474
2058 Oct	0.00000972	1.7	6.89	0.0451	0.000696	21.7	0.00489	0.0347	0.000244	0.000312	0.000139	0.129	0.0000026	0.000173	0.000623	0.00173	0.0000474
2058 Nov	0.00000972	1.7	6.91	0.0451	0.000698	21.8	0.00491	0.0347	0.000244	0.000312	0.00014	0.129	0.0000026	0.000173	0.000623	0.00173	0.0000474
2058 Dec	0.00000973	1.7	6.91	0.0451	0.000698	21.8	0.00491	0.0347	0.000244	0.000312	0.00014	0.129	0.0000026	0.000173	0.000623	0.00173	0.0000474
2059 Jan	0.00000973	1.7	6.91	0.0451	0.000698	21.8	0.00491	0.0347	0.000244	0.000312	0.00014	0.129	0.0000026	0.000173	0.000623	0.00173	0.0000474
2059 Feb	0.00000973	1.7	6.91	0.0451	0.000698	21.8	0.00491	0.0347	0.000244	0.000312	0.00014	0.129	0.0000026	0.000173	0.000623	0.00173	0.0000474
2059 Mar	0.00000973	1.7	6.91	0.0451	0.000698	21.8	0.00491	0.0347	0.000244	0.000312	0.00014	0.129	0.0000026	0.000173	0.000623	0.00173	0.0000474
2059 Apr	0.00000973	1.7	6.91	0.0451	0.000698	21.8	0.00491	0.0347	0.000244	0.000312	0.00014	0.129	0.0000026	0.000173	0.000623	0.00173	0.0000474
2059 May	0.00000975	1.7	6.94	0.0453	0.0007	21.8	0.00493	0.0348	0.000245	0.000313	0.00014	0.129	0.0000026	0.000174	0.000625	0.00173	0.0000474
2059 Jun	0.00000974	1.7	6.92	0.0458	0.000696	21.5	0.0049	0.035	0.000251	0.000312	0.00014	0.13	0.00000259	0.000173	0.000631	0.00173	0.0000476
2059 Jul	0.00000979	1.71	6.97	0.046	0.0007	21.5	0.00493	0.0351	0.000252	0.000314	0.000141	0.13	0.00000259	0.000174	0.000633	0.00174	0.0000478
2059 Aug	0.00000983	1.72	7.02	0.0462	0.000705	21.6	0.00497	0.0351	0.000253	0.000316	0.000142	0.131	0.0000026	0.000175	0.000636	0.00174	0.0000479
2059 Sep	0.00000986	1.72	7.09	0.0464	0.000711	21.7	0.00502	0.0351	0.000253	0.000318	0.000143	0.131	0.0000026	0.000177	0.000638	0.00174	0.0000479
2059 Oct	0.00000989	1.73	7.17	0.0466	0.000719	21.6	0.00507	0.0351	0.000252	0.00032	0.000144	0.132	0.00000259	0.000178	0.000638	0.00174	0.0000477
2059 Nov	0.00000991	1.73	7.2	0.0466	0.000722	21.6	0.00509	0.0351	0.000252	0.000321	0.000144	0.132	0.00000259	0.000179	0.000639	0.00174	0.0000477
2059 Dec	0.00000991	1.73	7.2	0.0466	0.000722	21.6	0.00509	0.0351	0.000252	0.000321	0.000144	0.132	0.00000259	0.000179	0.000639	0.00174	0.0000477
2060 Jan	0.00000991	1.73	7.2	0.0466	0.000722	21.6	0.00509	0.0351	0.000252	0.000321	0.000144	0.132	0.00000259	0.000179	0.000639	0.00174	0.0000477
2060 Feb	0.00000991	1.73	7.2	0.0466	0.000722	21.6	0.00509	0.0351	0.000252	0.000321	0.000144	0.132	0.00000259	0.000179	0.000639	0.00174	0.0000477
2060 Mar	0.00000991	1.73	7.2	0.0466	0.000722	21.6	0.00509	0.0351	0.000252	0.000321	0.000144	0.132	0.00000259	0.000179	0.000639	0.00174	0.0000477
2060 Apr	0.00000991	1.73	7.2	0.0467	0.000722	21.6	0.0051	0.0351	0.000252	0.000321	0.000144	0.132	0.00000259	0.000179	0.00064	0.00175	0.0000477
2060 May	0.00000994	1.73	7.24	0.047	0.000724	21.6	0.00511	0.0352	0.000255	0.000322	0.000145	0.132	0.00000259	0.00018	0.000643	0.00175	0.0000477
2060 Jun	0.00000986	1.73	7.04	0.0478	0.0007	20.8	0.00494	0.0357	0.000269	0.000315	0.000142	0.132	0.00000255	0.000175	0.000652	0.00174	0.000048
2060 Jul	0.00000989	1.74	7.05	0.048	0.000701	20.8	0.00495	0.0358	0.000271	0.000315	0.000143	0.133	0.00000256	0.000175	0.000654	0.00174	0.0000482
2060 Aug	0.00000993	1.74	7.12	0.0482	0.000707	20.8	0.005	0.0359	0.000271	0.000317	0.000144	0.133	0.00000256	0.000176	0.000656	0.00175	0.0000482
2060 Sep	0.00000996	1.75	7.19	0.0484	0.000714	20.7	0.00505	0.0358	0.000271	0.000319	0.000145	0.134	0.00000255	0.000178	0.000658	0.00175	0.0000481
2060 Oct	0.00001	1.75	7.28	0.0487	0.000722	20.7	0.00511	0.0358	0.000271	0.000322	0.000146	0.134	0.00000255	0.00018	0.00066	0.00175	0.0000481
2060 Nov	0.00001	1.75	7.31	0.0487	0.000724	20.7	0.00512	0.0358	0.000271	0.000322	0.000146	0.134	0.00000255	0.00018	0.000661	0.00175	0.0000481
2060 Dec	0.00001	1.75	7.32	0.0488	0.000725	20.7	0.00513	0.0358	0.000271	0.000323	0.000146	0.134	0.00000255	0.00018	0.000661	0.00175	0.0000481
2061 Jan	0.00001	1.75	7.32	0.0488	0.000726	20.7	0.00513	0.0358	0.000271	0.000323	0.000146	0.135	0.00000255	0.00018	0.000661	0.00175	0.0000481
2061 Feb	0.00001	1.75	7.32	0.0488	0.000726	20.7	0.00513	0.0358	0.000271	0.000323	0.000146	0.135	0.00000255	0.00018	0.000661	0.00175	0.0000481
2061 Mar	0.00001	1.75	7.32	0.0488	0.000726	20.7	0.00513	0.0358	0.000271	0.000323	0.000146	0.135	0.00000255	0.00018	0.000661	0.00175	0.0000481
2061 Apr	0.00001	1.75	7.32	0.0488	0.000726	20.7	0.00513	0.0358	0.000271	0.000323	0.000146	0.135	0.00000255	0.000181	0.000661	0.00175	0.0000481
2061 May	0.00001	1.76	7.32	0.0493	0.000723	20.5	0.00512	0.036	0.000276	0.000322	0.000147	0.135	0.00000253	0.00018	0.000666	0.00175	0.0000482
2061 Jun	0.0000099	1.75	7.03	0.0503	0.00069	19.4	0.00487	0.0365	0.000295	0.000312	0.000143	0.135	0.00000248	0.000173	0.000675	0.00173	0.0000491
2061 Jul	0.00000993	1.76	7.06	0.0506	0.000692	19.4	0.00489	0.0366	0.000296	0.000313	0.000144	0.135	0.00000248	0.000174	0.000678	0.00174	0.0000493
2061 Aug	0.00000998	1.77	7.12	0.0508	0.000698	19.4	0.00494	0.0367	0.000297	0.000315	0.000145	0.136	0.00000249	0.000175	0.000681	0.00174	0.0000494
2061 Sep	0.00001	1.77	7.22	0.051	0.000706	19.5	0.005	0.0367	0.000297	0.000318	0.000146	0.136	0.00000249	0.000177	0.000683	0.00175	0.0000494
2061 Oct	0.0000101	1.78	7.35	0.0513	0.000718	19.5	0.00509	0.0366	0.000296	0.000321	0.000148	0.137	0.00000248	0.00018	0.000685	0.00175	0.0000492
2061 Nov	0.0000101	1.78	7.39	0.0513	0.000722	19.5	0.00512	0.0366	0.000296	0.000322	0.000148	0.137	0.00000248	0.000181	0.000686	0.00175	0.0000492
2061 Dec	0.0000101	1.78	7.39	0.0514	0.000723	19.5	0.00512	0.0366	0.000296	0.000322	0.000148	0.137	0.00000248	0.000181	0.000686	0.00175	0.0000492
2062 Jan	0.0000101	1.78	7.4	0.0514	0.000723	19.5	0.00513	0.0366	0.000296	0.000323	0.000148	0.137	0.00000248	0.000181	0.000686	0.00175	0.0000492
2062 Feb	0.0000101	1.78	7.4	0.0514	0.000723	19.5	0.00513	0.0366	0.000296	0.000323	0.000148	0.137	0.00000248	0.000181	0.000686	0.00175	0.0000492
2062 Mar	0.0000101	1.78	7.4	0.0514	0.000723	19.5	0.00513	0.0366	0.000296	0.000323	0.000148	0.138	0.00000248	0.000181	0.000686	0.00175	0.0000492
2062 Apr	0.0000101	1.78	7.4	0.0514	0.000723	19.5	0.00513	0.0366	0.000296	0.000323	0.000148	0.138	0.00000248	0.000181	0.000686	0.00175	0.0000492
2062 May	0.0000101	1.78	7.41	0.0514	0.000724	19.5	0.00513	0.0367	0.000296	0.000323	0.000149	0.138	0.00000249	0.000181	0.000687	0.00175	0.0000492
2062 Jun	0.00001	1.76	7.13	0.0508	0.000696	18.8	0.00493	0.0369	0.000298	0.000315	0.000145	0.135	0.00000246	0.000175	0.000683	0.00175	0.0000496
2062 Jul	0.00000995	1.75	6.96	0.0505	0.00068	18.4	0.00481	0.0371	0.000299	0.00031	0.000142	0.134	0.00000244	0.000172	0.000681	0.00174	0.0000499

Appendix D.3-4: FZONE

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2062 Aug	0.00001	1.76	7.05	0.0508	0.000688	18.4	0.00487	0.0371	0.000299	0.000313	0.000143	0.135	0.00000244	0.000174	0.000683	0.00175	0.0000499
2062 Sep	0.00001	1.76	7.12	0.0509	0.000695	18.4	0.00492	0.0371	0.000299	0.000315	0.000144	0.135	0.00000244	0.000175	0.000684	0.00175	0.0000499
2062 Oct	0.00000993	1.74	6.95	0.0502	0.00068	17.7	0.0048	0.037	0.000296	0.000308	0.000142	0.133	0.0000024	0.000172	0.000675	0.00173	0.0000505
2062 Nov	0.00000993	1.74	6.95	0.0502	0.000681	17.7	0.0048	0.037	0.000296	0.000308	0.000142	0.133	0.0000024	0.000172	0.000675	0.00173	0.0000505
2062 Dec	0.00000994	1.75	6.96	0.0502	0.000682	17.7	0.00481	0.037	0.000296	0.000308	0.000142	0.134	0.0000024	0.000172	0.000676	0.00173	0.0000505
2063 Jan	0.00000994	1.75	6.97	0.0502	0.000682	17.7	0.00481	0.037	0.000296	0.000308	0.000142	0.134	0.0000024	0.000172	0.000676	0.00173	0.0000505
2063 Feb	0.00000994	1.75	6.97	0.0502	0.000682	17.7	0.00481	0.037	0.000296	0.000308	0.000142	0.134	0.0000024	0.000172	0.000676	0.00173	0.0000505
2063 Mar	0.00000994	1.75	6.97	0.0502	0.000682	17.7	0.00481	0.037	0.000296	0.000308	0.000142	0.134	0.0000024	0.000172	0.000676	0.00173	0.0000505
2063 Apr	0.00000994	1.75	6.97	0.0502	0.000682	17.7	0.00481	0.037	0.000296	0.000308	0.000142	0.134	0.0000024	0.000172	0.000676	0.00173	0.0000505
2063 May	0.00000993	1.75	6.94	0.0502	0.000679	17.6	0.00479	0.0371	0.000297	0.000307	0.000142	0.133	0.00000239	0.000171	0.000676	0.00173	0.0000506
2063 Jun	0.00000958	1.71	6.31	0.0495	0.000619	16.3	0.00433	0.0372	0.000306	0.000286	0.000133	0.129	0.00000232	0.000158	0.000666	0.00169	0.0000523
2063 Jul	0.00000954	1.7	6.25	0.0493	0.000613	16.1	0.00429	0.0372	0.000307	0.000284	0.000132	0.129	0.00000231	0.000157	0.000664	0.00169	0.0000527
2063 Aug	0.00000959	1.71	6.32	0.0496	0.000619	16.1	0.00433	0.0373	0.000307	0.000287	0.000133	0.13	0.00000232	0.000159	0.000667	0.00169	0.0000528
2063 Sep	0.00000964	1.72	6.42	0.0498	0.000629	16.2	0.0044	0.0373	0.000307	0.00029	0.000135	0.13	0.00000232	0.000161	0.00067	0.0017	0.0000528
2063 Oct	0.00000968	1.72	6.52	0.05	0.000638	16.2	0.00447	0.0372	0.000307	0.000292	0.000136	0.131	0.00000232	0.000163	0.000672	0.0017	0.0000527
2063 Nov	0.00000969	1.73	6.54	0.0501	0.00064	16.2	0.00449	0.0372	0.000306	0.000293	0.000136	0.131	0.00000232	0.000164	0.000672	0.0017	0.0000527
2063 Dec	0.0000097	1.73	6.55	0.0501	0.000641	16.2	0.00449	0.0372	0.000306	0.000293	0.000136	0.131	0.00000232	0.000164	0.000672	0.0017	0.0000527
2064 Jan	0.0000097	1.73	6.56	0.0501	0.000641	16.2	0.0045	0.0372	0.000306	0.000293	0.000136	0.131	0.00000232	0.000164	0.000672	0.0017	0.0000527
2064 Feb	0.0000097	1.73	6.56	0.0501	0.000642	16.2	0.0045	0.0372	0.000306	0.000294	0.000136	0.131	0.00000232	0.000164	0.000672	0.0017	0.0000527
2064 Mar	0.0000097	1.73	6.56	0.0501	0.000642	16.2	0.0045	0.0372	0.000307	0.000294	0.000136	0.131	0.00000232	0.000164	0.000672	0.0017	0.0000527
2064 Apr	0.0000097	1.73	6.56	0.0501	0.000642	16.2	0.0045	0.0372	0.000307	0.000294	0.000137	0.131	0.00000232	0.000164	0.000673	0.0017	0.0000527
2064 May	0.0000097	1.73	6.57	0.0504	0.000642	16.1	0.0045	0.0373	0.000309	0.000294	0.000137	0.132	0.00000231	0.000164	0.000675	0.0017	0.0000528
2064 Jun	0.00000953	1.72	6.35	0.0509	0.000616	15.4	0.00432	0.0372	0.00032	0.000285	0.000134	0.131	0.00000226	0.000159	0.000677	0.00168	0.0000537
2064 Jul	0.00000956	1.73	6.4	0.0511	0.000621	15.4	0.00435	0.0373	0.000321	0.000287	0.000135	0.132	0.00000227	0.000161	0.00068	0.00168	0.0000539
2064 Aug	0.00000961	1.74	6.48	0.0513	0.000629	15.4	0.00441	0.0373	0.000321	0.000289	0.000136	0.132	0.00000227	0.000162	0.000682	0.00168	0.0000539
2064 Sep	0.00000968	1.75	6.63	0.0516	0.000643	15.4	0.00452	0.0372	0.00032	0.000293	0.000138	0.133	0.00000227	0.000166	0.000685	0.00169	0.0000538
2064 Oct	0.00000973	1.75	6.75	0.0519	0.000654	15.5	0.0046	0.0372	0.00032	0.000297	0.00014	0.134	0.00000227	0.000168	0.000688	0.00169	0.0000537
2064 Nov	0.00000975	1.76	6.78	0.052	0.000656	15.5	0.00462	0.0372	0.00032	0.000298	0.00014	0.134	0.00000227	0.000169	0.000689	0.00169	0.0000537
2064 Dec	0.00000975	1.76	6.78	0.052	0.000657	15.5	0.00462	0.0372	0.00032	0.000298	0.00014	0.134	0.00000227	0.000169	0.000689	0.00169	0.0000537
2065 Jan	0.00000975	1.76	6.79	0.052	0.000657	15.5	0.00462	0.0372	0.00032	0.000298	0.00014	0.134	0.00000227	0.000169	0.000689	0.00169	0.0000537
2065 Feb	0.00000975	1.76	6.79	0.052	0.000657	15.5	0.00462	0.0372	0.00032	0.000298	0.00014	0.134	0.00000227	0.000169	0.000689	0.00169	0.0000537
2065 Mar	0.00000975	1.76	6.79	0.052	0.000657	15.5	0.00462	0.0372	0.00032	0.000298	0.00014	0.134	0.00000227	0.000169	0.000689	0.00169	0.0000537
2065 Apr	0.00000976	1.76	6.79	0.052	0.000657	15.5	0.00463	0.0372	0.00032	0.000298	0.00014	0.134	0.00000227	0.000169	0.000689	0.00169	0.0000537
2065 May	0.0000098	1.76	6.88	0.0523	0.000665	15.5	0.00469	0.0372	0.000321	0.000301	0.000142	0.135	0.00000227	0.000171	0.000692	0.0017	0.0000537
2065 Jun	0.00000966	1.75	6.67	0.0522	0.000644	15.1	0.00453	0.0372	0.000326	0.000294	0.000139	0.134	0.00000224	0.000166	0.000689	0.00168	0.0000542
2065 Jul	0.00000967	1.76	6.68	0.0524	0.000645	15	0.00454	0.0372	0.000327	0.000294	0.000139	0.134	0.00000224	0.000167	0.000691	0.00168	0.0000545
2065 Aug	0.00000973	1.77	6.76	0.0527	0.000653	15.1	0.00459	0.0373	0.000327	0.000297	0.00014	0.135	0.00000225	0.000169	0.000694	0.00169	0.0000546
2065 Sep	0.00000978	1.77	6.89	0.0529	0.000665	15.1	0.00468	0.0372	0.000326	0.0003	0.000142	0.136	0.00000225	0.000171	0.000696	0.00169	0.0000544
2065 Oct	0.00000979	1.77	6.95	0.0528	0.000672	14.9	0.00473	0.0371	0.000324	0.000301	0.000143	0.136	0.00000224	0.000173	0.000694	0.00169	0.0000544
2065 Nov	0.00000979	1.77	6.96	0.0528	0.000673	14.9	0.00473	0.0371	0.000324	0.000301	0.000143	0.136	0.00000223	0.000173	0.000694	0.00169	0.0000544
2065 Dec	0.00000979	1.77	6.97	0.0528	0.000673	14.9	0.00473	0.0371	0.000324	0.000301	0.000143	0.136	0.00000223	0.000173	0.000694	0.00169	0.0000544
2066 Jan	0.0000098	1.78	6.97	0.0528	0.000674	14.9	0.00474	0.0371	0.000324	0.000301	0.000143	0.136	0.00000223	0.000173	0.000694	0.00169	0.0000544
2066 Feb	0.0000098	1.78	6.97	0.0528	0.000674	14.9	0.00474	0.0371	0.000324	0.000301	0.000143	0.136	0.00000223	0.000173	0.000694	0.00169	0.0000544
2066 Mar	0.0000098	1.78	6.97	0.0528	0.000674	14.9	0.00474	0.0371	0.000324	0.000301	0.000143	0.136	0.00000223	0.000173	0.000694	0.00169	0.0000544
2066 Apr	0.0000098	1.78	6.97	0.0529	0.000674	14.9	0.00474	0.0371	0.000324	0.000301	0.000143	0.136	0.00000223	0.000174	0.000694	0.00169	0.0000544
2066 May	0.0000098	1.78	6.98	0.0529	0.000674	14.9	0.00474	0.0372	0.000324	0.000302	0.000143	0.136	0.00000223	0.000174	0.000695	0.00169	0.0000545
2066 Jun	0.00000954	1.74	6.49	0.0513	0.000632	14.2	0.00441	0.037	0.000321	0.000286	0.000136	0.132	0.0000022	0.000165	0.000677	0.00166	0.0000551
2066 Jul	0.00000955	1.74	6.49	0.0512	0.000633	14.1	0.00441	0.0371	0.00032	0.000287	0.000136	0.132	0.0000022	0.000165	0.000677	0.00166	0.0000554
2066 Aug	0.0000096	1.75	6.58	0.0515	0.000641	14.2	0.00447	0.0371	0.000321	0.000289	0.000138	0.133	0.0000022	0.000167	0.00068	0.00167	0.0000555
2066 Sep	0.00000965	1.76	6.67	0.0517	0.000649	14.2	0.00454	0.0371	0.000321	0.000292	0.000139	0.133	0.0000022	0.000169	0.000683	0.00167	0.0000555
2066 Oct	0.00000971	1.76	6.8	0.052	0.000661	14.2	0.00462	0.0371	0.00032	0.000296	0.000141	0.134	0.0000022	0.000172	0.000685	0.00167	0.0000554
2066 Nov	0.00000972	1.77	6.83	0.052	0.000664	14.2	0.00465	0.0371	0.00032	0.000297	0.000141	0.134	0.0000022	0.000172	0.000686	0.00167	0.0000553
2066 Dec	0.00000972	1.77	6.84	0.0521	0.000664	14.2	0.00465	0.0371	0.00032	0.000297	0.000141	0.135	0.0000022	0.000172	0.000686	0.00167	0.0000553
2067 Jan	0.00000973	1.77	6.84	0.0521	0.000665	14.2	0.00465	0.0371	0.00032	0.000297	0.000141	0.135	0.0000022	0.000172	0.000686	0.00167	0.0000553
2067 Feb	0.00000973	1.77	6.84	0.0521	0.000665	14.2	0.00465	0.0371	0.00032	0.000297	0.000141	0.135	0.0000022	0.000172	0.000686	0.00167	0.0000553
2067 Mar	0.00000973	1.77	6.84	0.0521	0.000665	14.2	0.00465	0.0371	0.00032	0.000297	0.000141	0.135	0.0000022	0.000172	0.000686	0.00167	0.0000553
2067 Apr	0.00000973	1.77	6.84	0.0521	0.000665	14.2	0.00465	0.0371	0.00032	0.000297	0.000141	0.135	0.0000022	0.000172	0.000686	0.00167	0.0000553
2067 May	0.00000973	1.77	6.85	0.0521	0.000665	14.2	0.00466	0.0371	0.00032	0.000297	0.000141	0.135	0.0000022	0.000173	0.000687	0.00168	0.0000554
2067 Jun	0.00000966	1.76	6.71	0.0519	0.000653	14	0.00456	0.0371	0.000321	0.000293	0.00014	0.134	0.00000219	0.00017	0.000684	0.00167	0.0000554
2067 Jul	0.00000971	1.77	6.78	0.0522	0.000659	14	0.00461	0.0372	0.000322	0.000295	0.000141	0.134	0.0000022	0.000172	0.000687	0.00167	0.0000555
2067 Aug	0.00000977	1.78	6.88	0.0524	0.000669	14.1	0.00468	0.0372	0.000322	0.000298	0.000142	0.135	0.0000022	0.000174	0.00069	0.00168	0.0000555
2067 Sep	0.00000982	1.78	6.97	0.0526	0.000677	14.1	0.00474	0.0372	0.000322	0.000301	0.000143	0.136	0.0000022	0.000176	0.000692	0.00168	0.0000555
2067 Oct	0.00000986	1.79	7.06	0.0528	0.000685	14.1	0.0048	0.0372	0.000321	0.000303	0.000145	0.136	0.0000022	0.000178	0.000693	0.00169	0.0000554
2067 Nov	0.00000987	1.79	7.09	0.0528	0.000688	14.1	0.00482	0.0372	0.000321	0.000304	0.000145	0.137	0.0000022	0.000178	0.000694	0.00169	0.0000553
2067 Dec	0.00000987	1.79	7.09	0.0529	0.000689	14.1	0.00483	0.0372	0.000321	0.000304	0.000145	0.137	0.0000022	0.000178	0.000694	0.00169	0.0000553
2068 Jan	0.00000988	1.79	7.1	0.0529	0.000689	14.1	0.00483	0.0372	0.000321	0.000304	0.000145	0.137	0.0000022	0.000179	0.000694	0.00169	0.0000553
2068 Feb	0.00000988	1.79	7.1	0.0529	0.000689	14.1	0.00483	0.0372	0.000321	0.000304	0.000145	0.137	0.0000022	0.000179	0.000694	0.00169	0.0000553
2068 Mar	0.00000988	1.79	7.1	0.0529	0.000689	14.1	0.00483	0.0372	0.000321	0.000305	0.000145	0.137	0.0000022	0.000179	0.000694	0.00169	0.0000553
2068 Apr	0.00000988	1.79	7.1	0.0529	0.00069	14.1	0.00483	0.0372	0.000321	0.000305	0.000145	0.137	0.0000022	0.000179	0.000694	0.00169	0.0000554
2068 May	0.00000988	1.79	7.08	0.053	0.000688	14	0.00482	0.0373	0.000322	0.000304	0.000145	0.137	0.0000022	0.000178	0.000695	0.00169	0.0000553
2068 Jun	0.00000963	1.77	6.62	0.0529	0.000643	13.3	0.00448	0.0374	0.000333	0.000289	0.000139	0.134	0.00000216	0.000169	0.000692	0.00166	0.0000551
2068 Jul	0.00000967	1.78	6.7	0.0531	0.00065	13.3	0.00453	0.0375	0.000333	0.000291	0.00014	0.135	0.00000216	0.000171	0.000694	0.00166	0.0000552
2068 Aug	0.00000972	1.78	6.77	0.0534	0.000656	13.4	0.00458	0.0375	0.000334	0.000294	0.000141	0.136	0.00000217	0.000172	0.000697	0.00167	0.0000553
2068 Sep	0.00000976	1.79	6.85	0.0535	0.000664	13.4	0.00463	0.0375	0.000334	0.000296	0.000142	0.136	0.00000217	0.000174	0.000699	0.00167	0.0000552
2068 Oct	0.00000979	1.79	6.91	0.0537	0.00067	13.4	0.00468	0.0375	0.000334	0.000298	0.000143	0.137	0.00000217	0.000176	0.0007	0.00167	0.0000552
2068 Nov	0.0000098	1.8	6.93	0.0537	0.000671	13.4	0.00469	0.0375	0.000334	0.000298	0.000143	0.137	0.00000217	0.000176	0.000701	0.00167	0.0000552
2068 Dec	0.0000098	1.8	6.93	0.0537	0.000671	13.4	0.00469	0.0375	0.000334	0.000298	0.000144	0.137	0.00000217	0.000176	0.000701	0.00167	0.0000552

Appendix D.3-4: FZONE

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2069 Jan	0.0000098	1.8	6.93	0.0537	0.000672	13.4	0.00469	0.0375	0.000334	0.000298	0.000144	0.137	0.00000217	0.000176	0.000701	0.00167	0.0000552
2069 Feb	0.0000098	1.8	6.93	0.0538	0.000672	13.4	0.00469	0.0375	0.000334	0.000298	0.000144	0.137	0.00000217	0.000176	0.000701	0.00167	0.0000552
2069 Mar	0.0000098	1.8	6.93	0.0538	0.000672	13.4	0.00469	0.0375	0.000334	0.000298	0.000144	0.137	0.00000217	0.000176	0.000701	0.00167	0.0000552
2069 Apr	0.0000098	1.8	6.94	0.0538	0.000672	13.4	0.00469	0.0375	0.000334	0.000298	0.000144	0.137	0.00000217	0.000176	0.000701	0.00167	0.0000552
2069 May	0.00000981	1.8	6.94	0.0538	0.000673	13.4	0.0047	0.0376	0.000334	0.000299	0.000144	0.137	0.00000217	0.000176	0.000702	0.00168	0.0000553
2069 Jun	0.00000972	1.78	6.74	0.0531	0.000654	13.1	0.00456	0.0376	0.000333	0.000293	0.000141	0.135	0.00000216	0.000173	0.000696	0.00167	0.0000551
2069 Jul	0.00000974	1.79	6.74	0.0532	0.000655	13.1	0.00457	0.0376	0.000333	0.000294	0.000141	0.135	0.00000216	0.000173	0.000697	0.00167	0.0000552
2069 Aug	0.00000979	1.79	6.83	0.0534	0.000663	13.1	0.00462	0.0377	0.000333	0.000297	0.000142	0.136	0.00000216	0.000175	0.000699	0.00168	0.0000553
2069 Sep	0.00000981	1.79	6.87	0.0534	0.000668	13.1	0.00466	0.0376	0.000332	0.000298	0.000143	0.136	0.00000216	0.000176	0.000699	0.00168	0.0000552
2069 Oct	0.00000978	1.79	6.82	0.053	0.000665	13	0.00463	0.0376	0.000329	0.000296	0.000142	0.136	0.00000215	0.000175	0.000694	0.00167	0.000055
2069 Nov	0.00000978	1.79	6.82	0.0529	0.000665	12.9	0.00463	0.0376	0.000328	0.000296	0.000142	0.136	0.00000215	0.000175	0.000694	0.00167	0.000055
2069 Dec	0.00000978	1.79	6.83	0.0529	0.000666	12.9	0.00463	0.0376	0.000328	0.000296	0.000142	0.136	0.00000215	0.000175	0.000694	0.00167	0.000055
2070 Jan	0.00000978	1.79	6.83	0.0529	0.000666	12.9	0.00463	0.0376	0.000328	0.000296	0.000142	0.136	0.00000215	0.000175	0.000694	0.00167	0.000055
2070 Feb	0.00000978	1.79	6.83	0.0529	0.000666	12.9	0.00463	0.0376	0.000328	0.000296	0.000142	0.136	0.00000215	0.000175	0.000694	0.00167	0.000055
2070 Mar	0.00000978	1.79	6.83	0.0529	0.000666	12.9	0.00463	0.0376	0.000328	0.000296	0.000142	0.136	0.00000215	0.000175	0.000694	0.00167	0.000055
2070 Apr	0.00000978	1.79	6.83	0.053	0.000666	12.9	0.00463	0.0376	0.000328	0.000296	0.000142	0.136	0.00000215	0.000175	0.000694	0.00167	0.000055
2070 May	0.00000977	1.79	6.8	0.0529	0.000663	12.9	0.00461	0.0376	0.000329	0.000295	0.000142	0.135	0.00000215	0.000175	0.000694	0.00167	0.000055
2070 Jun	0.00000965	1.77	6.55	0.0526	0.000641	12.6	0.00443	0.0377	0.000332	0.000287	0.000138	0.134	0.00000214	0.00017	0.000689	0.00166	0.0000549
2070 Jul	0.00000969	1.78	6.61	0.0528	0.000647	12.7	0.00447	0.0378	0.000332	0.000289	0.000139	0.135	0.00000214	0.000172	0.000692	0.00166	0.000055
2070 Aug	0.00000973	1.79	6.68	0.053	0.000653	12.7	0.00452	0.0379	0.000333	0.000291	0.00014	0.135	0.00000215	0.000173	0.000694	0.00167	0.000055
2070 Sep	0.00000976	1.79	6.74	0.0531	0.00066	12.7	0.00457	0.0378	0.000332	0.000293	0.000141	0.136	0.00000214	0.000175	0.000695	0.00167	0.0000549
2070 Oct	0.00000977	1.79	6.76	0.0531	0.000662	12.6	0.00458	0.0378	0.000331	0.000293	0.000141	0.136	0.00000214	0.000175	0.000694	0.00167	0.0000548
2070 Nov	0.00000977	1.79	6.77	0.0531	0.000663	12.6	0.00459	0.0378	0.000331	0.000293	0.000142	0.136	0.00000214	0.000175	0.000694	0.00167	0.0000548
2070 Dec	0.00000977	1.79	6.77	0.0531	0.000663	12.6	0.00459	0.0378	0.000331	0.000293	0.000142	0.136	0.00000214	0.000175	0.000694	0.00167	0.0000548
2071 Jan	0.00000977	1.79	6.77	0.0531	0.000663	12.6	0.00459	0.0378	0.000331	0.000293	0.000142	0.136	0.00000214	0.000175	0.000694	0.00167	0.0000548
2071 Feb	0.00000977	1.79	6.77	0.0531	0.000663	12.6	0.00459	0.0378	0.000331	0.000293	0.000142	0.136	0.00000214	0.000175	0.000694	0.00167	0.0000548
2071 Mar	0.00000977	1.79	6.77	0.0531	0.000663	12.6	0.00459	0.0378	0.000331	0.000293	0.000142	0.136	0.00000214	0.000175	0.000694	0.00167	0.0000548
2071 Apr	0.00000978	1.79	6.77	0.0531	0.000663	12.6	0.00459	0.0378	0.000331	0.000293	0.000142	0.136	0.00000214	0.000176	0.000695	0.00167	0.0000548
2071 May	0.00000976	1.79	6.75	0.0531	0.000661	12.6	0.00457	0.0379	0.000332	0.000292	0.000141	0.136	0.00000214	0.000175	0.000694	0.00166	0.0000548
2071 Jun	0.00000961	1.78	6.46	0.0527	0.000635	12.3	0.00436	0.0379	0.000335	0.000283	0.000137	0.134	0.00000212	0.00017	0.000688	0.00165	0.0000547
2071 Jul	0.00000961	1.78	6.44	0.0527	0.000635	12.3	0.00435	0.038	0.000335	0.000283	0.000137	0.134	0.00000212	0.00017	0.000689	0.00165	0.0000548
2071 Aug	0.00000964	1.78	6.49	0.0529	0.000639	12.3	0.00438	0.038	0.000336	0.000284	0.000138	0.134	0.00000213	0.000171	0.000691	0.00165	0.0000549
2071 Sep	0.00000967	1.79	6.56	0.053	0.000646	12.3	0.00443	0.038	0.000335	0.000286	0.000139	0.135	0.00000213	0.000172	0.000692	0.00165	0.0000548
2071 Oct	0.00000968	1.79	6.58	0.053	0.000649	12.3	0.00445	0.038	0.000335	0.000287	0.000139	0.135	0.00000212	0.000173	0.000692	0.00165	0.0000547
2071 Nov	0.00000969	1.79	6.6	0.0531	0.00065	12.3	0.00446	0.038	0.000334	0.000287	0.00014	0.135	0.00000212	0.000173	0.000692	0.00165	0.0000547
2071 Dec	0.00000969	1.79	6.6	0.0531	0.00065	12.3	0.00447	0.038	0.000334	0.000287	0.00014	0.135	0.00000212	0.000173	0.000692	0.00165	0.0000547
2072 Jan	0.00000969	1.79	6.6	0.0531	0.00065	12.3	0.00447	0.038	0.000334	0.000287	0.00014	0.135	0.00000212	0.000173	0.000692	0.00165	0.0000547
2072 Feb	0.00000969	1.79	6.6	0.0531	0.00065	12.3	0.00447	0.038	0.000334	0.000287	0.00014	0.135	0.00000212	0.000173	0.000692	0.00165	0.0000547
2072 Mar	0.00000969	1.79	6.6	0.0531	0.00065	12.3	0.00447	0.038	0.000334	0.000287	0.00014	0.135	0.00000212	0.000173	0.000692	0.00165	0.0000547
2072 Apr	0.00000969	1.79	6.6	0.0531	0.00065	12.3	0.00447	0.038	0.000334	0.000287	0.00014	0.135	0.00000212	0.000173	0.000692	0.00165	0.0000547
2072 May	0.0000097	1.79	6.61	0.0531	0.000651	12.3	0.00447	0.038	0.000335	0.000287	0.00014	0.135	0.00000213	0.000174	0.000693	0.00165	0.0000548
2072 Jun	0.00000964	1.78	6.45	0.0525	0.000638	12.1	0.00437	0.038	0.000332	0.000283	0.000138	0.134	0.00000212	0.000171	0.000687	0.00165	0.0000546
2072 Jul	0.00000965	1.78	6.45	0.0524	0.000639	12.1	0.00437	0.0381	0.000331	0.000284	0.000138	0.134	0.00000212	0.000171	0.000687	0.00165	0.0000546
2072 Aug	0.00000965	1.78	6.43	0.0522	0.000638	12	0.00435	0.038	0.000329	0.000283	0.000137	0.133	0.00000212	0.000171	0.000683	0.00165	0.0000545
2072 Sep	0.00000964	1.78	6.41	0.0519	0.000637	11.9	0.00435	0.038	0.000327	0.000282	0.000137	0.133	0.00000212	0.000171	0.000681	0.00165	0.0000544
2072 Oct	0.00000961	1.77	6.35	0.0515	0.000634	11.8	0.00431	0.0379	0.000324	0.000279	0.000136	0.132	0.00000211	0.00017	0.000675	0.00164	0.0000544
2072 Nov	0.00000961	1.77	6.35	0.0514	0.000635	11.8	0.00431	0.0379	0.000323	0.000279	0.000136	0.132	0.00000211	0.000171	0.000674	0.00164	0.0000544
2072 Dec	0.00000961	1.77	6.36	0.0514	0.000636	11.8	0.00432	0.0379	0.000323	0.00028	0.000136	0.132	0.00000211	0.000171	0.000674	0.00164	0.0000544
2073 Jan	0.00000961	1.77	6.36	0.0514	0.000636	11.8	0.00432	0.0379	0.000323	0.00028	0.000136	0.132	0.00000211	0.000171	0.000674	0.00164	0.0000544
2073 Feb	0.00000961	1.77	6.36	0.0514	0.000636	11.8	0.00432	0.0379	0.000323	0.00028	0.000136	0.132	0.00000211	0.000171	0.000674	0.00164	0.0000544
2073 Mar	0.00000961	1.77	6.36	0.0514	0.000636	11.8	0.00432	0.0379	0.000323	0.00028	0.000136	0.132	0.00000211	0.000171	0.000674	0.00164	0.0000544
2073 Apr	0.00000962	1.77	6.36	0.0514	0.000636	11.8	0.00432	0.0379	0.000324	0.00028	0.000136	0.132	0.00000211	0.000171	0.000674	0.00164	0.0000544
2073 May	0.00000963	1.77	6.38	0.0516	0.000638	11.8	0.00433	0.038	0.000324	0.00028	0.000137	0.133	0.00000211	0.000171	0.000675	0.00164	0.0000543
2073 Jun	0.00000955	1.77	6.26	0.0514	0.000628	11.5	0.00424	0.038	0.000326	0.000275	0.000135	0.132	0.0000021	0.00017	0.000672	0.00163	0.0000541
2073 Jul	0.00000957	1.77	6.26	0.0515	0.000629	11.5	0.00424	0.038	0.000326	0.000276	0.000135	0.132	0.0000021	0.00017	0.000673	0.00163	0.0000543
2073 Aug	0.0000096	1.78	6.32	0.0517	0.000634	11.6	0.00428	0.0381	0.000327	0.000277	0.000136	0.133	0.0000021	0.000171	0.000675	0.00163	0.0000543
2073 Sep	0.00000964	1.78	6.39	0.0519	0.000641	11.6	0.00433	0.038	0.000327	0.00028	0.000137	0.133	0.0000021	0.000173	0.000676	0.00164	0.0000543
2073 Oct	0.00000966	1.79	6.45	0.0519	0.000647	11.6	0.00438	0.038	0.000326	0.000281	0.000138	0.134	0.0000021	0.000174	0.000677	0.00164	0.0000542
2073 Nov	0.00000967	1.79	6.47	0.052	0.000649	11.5	0.00439	0.038	0.000326	0.000282	0.000138	0.134	0.0000021	0.000175	0.000677	0.00164	0.0000541
2073 Dec	0.00000967	1.79	6.48	0.052	0.000649	11.5	0.00439	0.038	0.000325	0.000282	0.000138	0.134	0.0000021	0.000175	0.000677	0.00164	0.0000541
2074 Jan	0.00000967	1.79	6.48	0.052	0.00065	11.5	0.0044	0.038	0.000325	0.000282	0.000138	0.134	0.0000021	0.000175	0.000677	0.00164	0.0000541
2074 Feb	0.00000968	1.79	6.48	0.052	0.00065	11.5	0.0044	0.038	0.000325	0.000282	0.000138	0.134	0.0000021	0.000175	0.000677	0.00164	0.0000541
2074 Mar	0.00000968	1.79	6.48	0.052	0.00065	11.5	0.0044	0.038	0.000325	0.000282	0.000138	0.134	0.0000021	0.000175	0.000677	0.00164	0.0000541
2074 Apr	0.00000968	1.79	6.49	0.052	0.00065	11.6	0.0044	0.038	0.000326	0.000282	0.000138	0.134	0.0000021	0.000175	0.000678	0.00164	0.0000541
2074 May	0.00000967	1.8	6.47	0.0525	0.000647	11.5	0.00437	0.0381	0.00033	0.000281	0.000138	0.134	0.0000021	0.000175	0.000681	0.00164	0.000054
2074 Jun	0.00000952	1.8	6.24	0.053	0.000625	11.2	0.0042	0.0382	0.000341	0.000273	0.000136	0.134	0.00000208	0.000171	0.000684	0.00162	0.0000537
2074 Jul	0.00000954	1.8	6.27	0.0532	0.000628	11.2	0.00422	0.0382	0.000342	0.000274	0.000137	0.134	0.00000209	0.000172	0.000686	0.00162	0.0000539
2074 Aug	0.00000959	1.81	6.34	0.0534	0.000634	11.3	0.00427	0.0383	0.000343	0.000277	0.000138	0.135	0.00000209	0.000174	0.000689	0.00163	0.000054
2074 Sep	0.00000965	1.82	6.47	0.0537	0.000647	11.3	0.00436	0.0383	0.000342	0.00028	0.00014	0.136	0.00000209	0.000177	0.000691	0.00163	0.0000539
2074 Oct	0.00000971	1.83	6.6	0.054	0.000659	11.3	0.00445	0.0382	0.000341	0.000284	0.000141	0.137	0.00000209	0.000179	0.000694	0.00163	0.0000537
2074 Nov	0.00000976	1.83	6.71	0.0542	0.000669	11.3	0.00452	0.0382	0.000341	0.000287	0.000143	0.138	0.00000209	0.000181	0.000696	0.00164	0.0000537
2074 Dec	0.00000977	1.83	6.73	0.0542	0.00067	11.3	0.00454	0.0382	0.000341	0.000288	0.000143	0.138	0.00000209	0.000182	0.000697	0.00164	0.0000537
2075 Jan	0.00000977	1.84	6.73	0.0543	0.000671	11.3	0.00454	0.0382	0.000341	0.000288	0.000143	0.138	0.00000209	0.000182	0.000697	0.00164	0.0000537
2075 Feb	0.00000977	1.84	6.73	0.0543	0.000671	11.3	0.00454	0.0382	0.000341	0.000288	0.000143	0.138	0.00000209	0.000182	0.000697	0.00164	0.0000537
2075 Mar	0.00000977	1.84	6.73	0.0543	0.000671	11.3	0.00454	0.0382	0.000341	0.000288	0.000143	0.138	0.00000209	0.000182	0.000697	0.00164	0.0000537
2075 Apr	0.00000978	1.84	6.74	0.0543	0.000671	11.3	0.00454	0.0382	0.000341	0.000288	0.000143	0.138	0.00000209	0.000182	0.000697	0.00164	0.0000537
2075 May	0.00000983	1.84	6.84	0.0545	0.00068	11.3	0.00461	0.0382	0.000341	0.000291	0.000144	0.139	0.00000209	0.000184	0.0007	0.00164	0.0000537

Appendix D.3-4: FZONE

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2075 Jun	0.0000097	1.82	6.56	0.0535	0.000657	11.1	0.00443	0.0382	0.000338	0.000284	0.000141	0.136	0.00000208	0.00018	0.00069	0.00163	0.0000535
2075 Jul	0.00000967	1.82	6.46	0.0532	0.000649	11	0.00437	0.0382	0.000337	0.000282	0.000139	0.135	0.00000208	0.000178	0.000687	0.00163	0.0000535
2075 Aug	0.0000097	1.82	6.52	0.0534	0.000654	11	0.0044	0.0382	0.000337	0.000283	0.00014	0.136	0.00000209	0.00018	0.00069	0.00164	0.0000535
2075 Sep	0.00000974	1.83	6.58	0.0535	0.000659	11	0.00444	0.0382	0.000337	0.000285	0.000141	0.136	0.00000209	0.000181	0.000691	0.00164	0.0000536
2075 Oct	0.00000976	1.83	6.62	0.0536	0.000664	11	0.00448	0.0382	0.000337	0.000286	0.000142	0.137	0.00000209	0.000182	0.000692	0.00164	0.0000535
2075 Nov	0.00000977	1.83	6.65	0.0537	0.000666	11	0.0045	0.0382	0.000337	0.000287	0.000142	0.137	0.00000209	0.000182	0.000693	0.00164	0.0000535
2075 Dec	0.00000977	1.83	6.65	0.0537	0.000666	11	0.0045	0.0382	0.000337	0.000287	0.000142	0.137	0.00000209	0.000183	0.000693	0.00164	0.0000535
2076 Jan	0.00000977	1.83	6.66	0.0537	0.000667	11	0.0045	0.0382	0.000337	0.000287	0.000142	0.137	0.00000209	0.000183	0.000693	0.00164	0.0000535
2076 Feb	0.00000977	1.83	6.66	0.0537	0.000667	11	0.0045	0.0382	0.000337	0.000287	0.000142	0.137	0.00000209	0.000183	0.000693	0.00164	0.0000535
2076 Mar	0.00000977	1.83	6.66	0.0537	0.000667	11	0.0045	0.0382	0.000337	0.000287	0.000142	0.137	0.00000209	0.000183	0.000693	0.00164	0.0000535
2076 Apr	0.00000977	1.83	6.66	0.0537	0.000667	11	0.0045	0.0382	0.000337	0.000287	0.000142	0.137	0.00000209	0.000183	0.000693	0.00164	0.0000535
2076 May	0.00000978	1.84	6.65	0.0538	0.000666	11	0.0045	0.0383	0.000337	0.000287	0.000142	0.137	0.00000209	0.000183	0.000694	0.00164	0.0000535
2076 Jun	0.00000967	1.82	6.44	0.0534	0.000647	10.9	0.00435	0.0382	0.000339	0.000282	0.00014	0.136	0.00000208	0.000179	0.00069	0.00164	0.0000532
2076 Jul	0.00000967	1.83	6.42	0.0534	0.000645	10.9	0.00434	0.0383	0.000339	0.000281	0.000139	0.136	0.00000208	0.000179	0.00069	0.00164	0.0000532
2076 Aug	0.00000971	1.83	6.47	0.0536	0.00065	10.9	0.00438	0.0384	0.00034	0.000283	0.00014	0.136	0.00000209	0.00018	0.000693	0.00164	0.0000533
2076 Sep	0.00000975	1.84	6.54	0.0538	0.000656	10.9	0.00442	0.0384	0.00034	0.000285	0.000141	0.137	0.00000209	0.000182	0.000694	0.00165	0.0000534
2076 Oct	0.00000977	1.84	6.6	0.0538	0.000662	10.9	0.00447	0.0383	0.000339	0.000287	0.000142	0.137	0.00000209	0.000183	0.000695	0.00165	0.0000532
2076 Nov	0.00000978	1.84	6.63	0.0539	0.000665	10.9	0.00449	0.0383	0.000339	0.000288	0.000142	0.137	0.00000209	0.000184	0.000696	0.00165	0.0000532
2076 Dec	0.00000979	1.84	6.64	0.0539	0.000666	10.9	0.0045	0.0383	0.000339	0.000288	0.000143	0.137	0.00000209	0.000184	0.000696	0.00165	0.0000532
2077 Jan	0.00000979	1.84	6.64	0.0539	0.000667	10.9	0.0045	0.0383	0.000339	0.000288	0.000143	0.137	0.00000209	0.000184	0.000696	0.00165	0.0000532
2077 Feb	0.00000979	1.84	6.65	0.0539	0.000667	10.9	0.0045	0.0383	0.000339	0.000288	0.000143	0.137	0.00000209	0.000184	0.000696	0.00165	0.0000532
2077 Mar	0.00000979	1.84	6.65	0.0539	0.000667	10.9	0.0045	0.0383	0.000339	0.000288	0.000143	0.137	0.00000209	0.000184	0.000696	0.00165	0.0000532
2077 Apr	0.00000979	1.84	6.65	0.0539	0.000667	10.9	0.0045	0.0383	0.000339	0.000288	0.000143	0.137	0.00000209	0.000184	0.000696	0.00165	0.0000532
2077 May	0.00000979	1.84	6.63	0.054	0.000665	10.9	0.00448	0.0384	0.00034	0.000288	0.000142	0.137	0.00000209	0.000184	0.000697	0.00165	0.0000532
2077 Jun	0.00000968	1.84	6.44	0.0541	0.000646	10.7	0.00434	0.0384	0.000345	0.000282	0.00014	0.137	0.00000208	0.00018	0.000697	0.00164	0.0000527
2077 Jul	0.00000972	1.84	6.48	0.0543	0.00065	10.8	0.00437	0.0385	0.000346	0.000284	0.000141	0.137	0.00000208	0.000181	0.0007	0.00164	0.0000528
2077 Aug	0.00000976	1.85	6.53	0.0545	0.000655	10.8	0.00441	0.0386	0.000347	0.000285	0.000142	0.138	0.00000209	0.000183	0.000702	0.00165	0.0000529
2077 Sep	0.00000978	1.85	6.6	0.0546	0.000662	10.8	0.00446	0.0385	0.000346	0.000287	0.000143	0.138	0.00000208	0.000184	0.000702	0.00165	0.0000527
2077 Oct	0.00000981	1.86	6.65	0.0547	0.000667	10.7	0.0045	0.0385	0.000345	0.000289	0.000143	0.138	0.00000208	0.000185	0.000703	0.00165	0.0000527
2077 Nov	0.00000982	1.86	6.67	0.0547	0.000668	10.7	0.00451	0.0385	0.000345	0.000289	0.000144	0.138	0.00000208	0.000185	0.000703	0.00165	0.0000527
2077 Dec	0.00000982	1.86	6.67	0.0547	0.000669	10.7	0.00451	0.0385	0.000345	0.000289	0.000144	0.138	0.00000208	0.000186	0.000704	0.00165	0.0000527
2078 Jan	0.00000982	1.86	6.67	0.0547	0.000669	10.7	0.00451	0.0385	0.000345	0.000289	0.000144	0.138	0.00000208	0.000186	0.000704	0.00165	0.0000527
2078 Feb	0.00000982	1.86	6.67	0.0547	0.000669	10.7	0.00451	0.0385	0.000345	0.000289	0.000144	0.138	0.00000208	0.000186	0.000704	0.00165	0.0000527
2078 Mar	0.00000982	1.86	6.67	0.0547	0.000669	10.7	0.00451	0.0385	0.000345	0.000289	0.000144	0.138	0.00000208	0.000186	0.000704	0.00165	0.0000527
2078 Apr	0.00000982	1.86	6.67	0.0547	0.000669	10.8	0.00451	0.0385	0.000345	0.000289	0.000144	0.139	0.00000208	0.000186	0.000704	0.00165	0.0000527
2078 May	0.0000098	1.86	6.62	0.0551	0.000664	10.7	0.00447	0.0386	0.00035	0.000288	0.000143	0.139	0.00000208	0.000185	0.000707	0.00165	0.0000524
2078 Jun	0.00000968	1.86	6.41	0.0554	0.000643	10.6	0.00431	0.0387	0.000358	0.000281	0.000141	0.138	0.00000207	0.000181	0.000709	0.00164	0.0000521
2078 Jul	0.00000971	1.87	6.45	0.0556	0.000647	10.6	0.00434	0.0388	0.000359	0.000283	0.000142	0.139	0.00000208	0.000182	0.000711	0.00164	0.0000522
2078 Aug	0.00000976	1.87	6.52	0.0558	0.000654	10.6	0.00439	0.0388	0.000359	0.000285	0.000143	0.139	0.00000208	0.000184	0.000713	0.00165	0.0000522
2078 Sep	0.0000098	1.88	6.61	0.056	0.000662	10.6	0.00445	0.0388	0.000359	0.000288	0.000144	0.14	0.00000208	0.000186	0.000716	0.00165	0.0000522
2078 Oct	0.00000985	1.89	6.71	0.0562	0.000671	10.6	0.00452	0.0388	0.000358	0.000291	0.000145	0.141	0.00000208	0.000188	0.000717	0.00165	0.0000521
2078 Nov	0.00000986	1.89	6.74	0.0563	0.000674	10.6	0.00454	0.0388	0.000358	0.000291	0.000146	0.141	0.00000208	0.000189	0.000718	0.00165	0.0000521
2078 Dec	0.00000986	1.89	6.74	0.0563	0.000674	10.6	0.00454	0.0388	0.000358	0.000291	0.000146	0.141	0.00000208	0.000189	0.000718	0.00165	0.0000521
2079 Jan	0.00000986	1.89	6.75	0.0563	0.000674	10.6	0.00454	0.0388	0.000358	0.000292	0.000146	0.141	0.00000208	0.000189	0.000718	0.00165	0.0000521
2079 Feb	0.00000986	1.89	6.75	0.0563	0.000675	10.6	0.00454	0.0388	0.000358	0.000292	0.000146	0.141	0.00000208	0.000189	0.000718	0.00165	0.0000521
2079 Mar	0.00000986	1.89	6.75	0.0563	0.000675	10.6	0.00454	0.0388	0.000358	0.000292	0.000146	0.141	0.00000208	0.000189	0.000718	0.00165	0.0000521
2079 Apr	0.00000987	1.89	6.75	0.0563	0.000675	10.6	0.00455	0.0388	0.000358	0.000292	0.000146	0.141	0.00000208	0.000189	0.000718	0.00165	0.0000521
2079 May	0.00000987	1.89	6.76	0.0563	0.000675	10.6	0.00455	0.0388	0.000358	0.000292	0.000146	0.141	0.00000208	0.000189	0.000719	0.00166	0.0000522
2079 Jun	0.00000976	1.88	6.5	0.0557	0.000652	10.5	0.00437	0.0388	0.000359	0.000285	0.000143	0.139	0.00000208	0.000185	0.000714	0.00165	0.0000517
2079 Jul	0.00000975	1.87	6.46	0.0556	0.000649	10.4	0.00435	0.0388	0.000358	0.000285	0.000142	0.139	0.00000208	0.000185	0.000713	0.00165	0.0000517
2079 Aug	0.00000979	1.88	6.53	0.0559	0.000655	10.4	0.0044	0.0389	0.000359	0.000287	0.000143	0.14	0.00000208	0.000186	0.000716	0.00165	0.0000517
2079 Sep	0.00000982	1.89	6.6	0.056	0.000662	10.4	0.00445	0.0389	0.000358	0.000289	0.000144	0.14	0.00000208	0.000188	0.000717	0.00166	0.0000516
2079 Oct	0.00000984	1.89	6.65	0.056	0.000667	10.4	0.00448	0.0388	0.000357	0.00029	0.000145	0.14	0.00000208	0.000189	0.000717	0.00166	0.0000516
2079 Nov	0.00000985	1.89	6.65	0.056	0.000668	10.4	0.00449	0.0388	0.000357	0.000291	0.000145	0.14	0.00000208	0.000189	0.000717	0.00166	0.0000515
2079 Dec	0.00000984	1.89	6.65	0.056	0.000668	10.4	0.00449	0.0388	0.000357	0.00029	0.000145	0.14	0.00000208	0.000189	0.000716	0.00166	0.0000515
2080 Jan	0.00000984	1.89	6.65	0.056	0.000668	10.4	0.00449	0.0388	0.000357	0.00029	0.000145	0.14	0.00000208	0.000189	0.000716	0.00166	0.0000515
2080 Feb	0.00000984	1.89	6.65	0.056	0.000668	10.4	0.00449	0.0388	0.000357	0.00029	0.000145	0.14	0.00000208	0.000189	0.000716	0.00166	0.0000515
2080 Mar	0.00000984	1.89	6.65	0.056	0.000668	10.4	0.00449	0.0388	0.000357	0.00029	0.000145	0.14	0.00000208	0.000189	0.000716	0.00166	0.0000515
2080 Apr	0.00000984	1.89	6.65	0.056	0.000668	10.4	0.00449	0.0388	0.000357	0.00029	0.000145	0.14	0.00000208	0.000189	0.000716	0.00166	0.0000515
2080 May	0.00000985	1.89	6.66	0.056	0.000668	10.4	0.00449	0.0388	0.000357	0.000291	0.000145	0.14	0.00000208	0.000189	0.000717	0.00166	0.0000516
2080 Jun	0.00000978	1.88	6.49	0.0552	0.000655	10.3	0.00438	0.0388	0.000353	0.000286	0.000143	0.139	0.00000207	0.000187	0.000709	0.00165	0.0000513
2080 Jul	0.00000976	1.87	6.42	0.0548	0.00065	10.3	0.00434	0.0388	0.00035	0.000285	0.000142	0.138	0.00000207	0.000186	0.000706	0.00165	0.0000513
2080 Aug	0.00000979	1.88	6.47	0.055	0.000655	10.3	0.00438	0.0388	0.000351	0.000287	0.000142	0.138	0.00000208	0.000187	0.000708	0.00166	0.0000513
2080 Sep	0.00000981	1.88	6.52	0.055	0.000659	10.3	0.00441	0.0388	0.00035	0.000288	0.000143	0.139	0.00000208	0.000188	0.000708	0.00166	0.0000513
2080 Oct	0.00000984	1.88	6.58	0.0551	0.000665	10.3	0.00445	0.0388	0.000349	0.00029	0.000144	0.139	0.00000208	0.000189	0.000709	0.00166	0.0000512
2080 Nov	0.00000985	1.88	6.6	0.0551	0.000668	10.3	0.00447	0.0387	0.000349	0.00029	0.000144	0.139	0.00000207	0.00019	0.000709	0.00166	0.0000512
2080 Dec	0.00000985	1.88	6.61	0.0551	0.000668	10.3	0.00448	0.0387	0.000349	0.000291	0.000144	0.139	0.00000207	0.00019	0.000709	0.00166	0.0000512
2081 Jan	0.00000985	1.88	6.61	0.0551	0.000668	10.3	0.00448	0.0387	0.000349	0.000291	0.000144	0.139	0.00000207	0.00019	0.000709	0.00166	0.0000512
2081 Feb	0.00000985	1.88	6.61	0.0551	0.000668	10.3	0.00448	0.0387	0.000349	0.000291	0.000144	0.139	0.00000207	0.00019	0.000709	0.00166	0.0000512
2081 Mar	0.00000985	1.88	6.61	0.0551	0.000668	10.3	0.00448	0.0387	0.000349	0.000291	0.000144	0.139	0.00000207	0.00019	0.000709	0.00166	0.0000512
2081 Apr	0.00000986	1.88	6.61	0.0551	0.000668	10.3	0.00448	0.0387	0.000349	0.000291	0.000144	0.139	0.00000207	0.00019	0.000709	0.00166	0.0000512
2081 May	0.00000983	1.88	6.54	0.055	0.000662	10.2	0.00443	0.0388	0.000349	0.000289	0.000143	0.139	0.00000207	0.000189	0.000708	0.00166	0.0000511
2081 Jun	0.00000974	1.87	6.36	0.0546	0.000647	10.2	0.00431	0.0388	0.00035	0.000284	0.000141	0.138	0.00000207	0.000187	0.000704	0.00165	0.000051
2081 Jul	0.00000977	1.88	6.38	0.0548	0.00065	10.2	0.00433	0.0389	0.00035	0.000285	0.000142	0.138	0.00000207	0.000187	0.000706	0.00165	0.0000511
2081 Aug	0.00000981	1.89	6.43	0.055	0.000654	10.2	0.00436	0.039	0.000351	0.000286	0.000142	0.139	0.00000208	0.000188	0.000708	0.00166	0.0000512
2081 Sep	0.00000984	1.89	6.5	0.0552	0.000661	10.2	0.00441	0.0389	0.000351	0.000289	0.000143	0.139	0.00000208	0.00019	0.00071	0.00166	0.0000512
2081 Oct	0.00000987	1.89	6.57	0.0553	0.000667	10.2	0.00445	0.0389	0.000351	0.00029	0.000144	0.14	0.00000208	0.000191	0.000711	0.00166	0.0000511

Appendix D.3-4: FZONE

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2081 Nov	0.00000989	1.9	6.61	0.0554	0.000671	10.2	0.00448	0.0389	0.00035	0.000292	0.000145	0.14	0.00000208	0.000192	0.000712	0.00166	0.0000511
2081 Dec	0.00000989	1.9	6.62	0.0554	0.000671	10.2	0.00449	0.0389	0.00035	0.000292	0.000145	0.14	0.00000208	0.000192	0.000712	0.00167	0.0000511
2082 Jan	0.00000989	1.9	6.62	0.0554	0.000672	10.2	0.00449	0.0389	0.00035	0.000292	0.000145	0.14	0.00000208	0.000192	0.000712	0.00167	0.0000511
2082 Feb	0.00000989	1.9	6.62	0.0554	0.000672	10.2	0.00449	0.0389	0.00035	0.000292	0.000145	0.14	0.00000208	0.000192	0.000712	0.00167	0.0000511
2082 Mar	0.00000989	1.9	6.62	0.0554	0.000672	10.2	0.00449	0.0389	0.00035	0.000292	0.000145	0.14	0.00000208	0.000192	0.000712	0.00167	0.0000511
2082 Apr	0.0000099	1.9	6.62	0.0554	0.000672	10.2	0.00449	0.0389	0.00035	0.000292	0.000145	0.14	0.00000208	0.000192	0.000712	0.00167	0.0000511
2082 May	0.0000099	1.9	6.62	0.0555	0.000672	10.2	0.00449	0.0389	0.000351	0.000292	0.000145	0.14	0.00000208	0.000192	0.000713	0.00167	0.0000511
2082 Jun	0.00000986	1.88	6.48	0.0544	0.000661	10	0.00441	0.0389	0.000344	0.00029	0.000143	0.138	0.00000208	0.000191	0.000705	0.00167	0.0000505
2082 Jul	0.00000981	1.87	6.33	0.0536	0.000649	9.94	0.00431	0.0388	0.000339	0.000287	0.000141	0.136	0.00000208	0.000189	0.000698	0.00167	0.0000503
2082 Aug	0.00000984	1.88	6.37	0.0537	0.000653	9.96	0.00434	0.0389	0.000339	0.000288	0.000142	0.137	0.00000208	0.00019	0.000699	0.00167	0.0000504
2082 Sep	0.00000986	1.88	6.4	0.0538	0.000656	9.96	0.00437	0.0389	0.000339	0.000289	0.000142	0.137	0.00000208	0.000191	0.000701	0.00167	0.0000504
2082 Oct	0.00000987	1.88	6.44	0.0538	0.00066	9.94	0.0044	0.0388	0.000338	0.00029	0.000143	0.137	0.00000208	0.000192	0.0007	0.00167	0.0000503
2082 Nov	0.00000988	1.88	6.46	0.0538	0.000662	9.94	0.00441	0.0388	0.000338	0.000291	0.000143	0.137	0.00000208	0.000192	0.0007	0.00167	0.0000502
2082 Dec	0.00000989	1.88	6.47	0.0538	0.000663	9.94	0.00442	0.0388	0.000338	0.000291	0.000143	0.137	0.00000208	0.000192	0.0007	0.00167	0.0000502
2083 Jan	0.00000989	1.88	6.47	0.0538	0.000663	9.93	0.00442	0.0388	0.000338	0.000291	0.000143	0.137	0.00000208	0.000192	0.0007	0.00167	0.0000502
2083 Feb	0.00000989	1.88	6.47	0.0538	0.000663	9.94	0.00442	0.0388	0.000338	0.000291	0.000143	0.137	0.00000208	0.000192	0.0007	0.00167	0.0000502
2083 Mar	0.00000989	1.88	6.47	0.0538	0.000663	9.94	0.00442	0.0388	0.000338	0.000291	0.000143	0.137	0.00000208	0.000192	0.0007	0.00167	0.0000502
2083 Apr	0.00000989	1.88	6.47	0.0539	0.000663	9.94	0.00442	0.0388	0.000338	0.000291	0.000143	0.137	0.00000208	0.000192	0.0007	0.00167	0.0000502
2083 May	0.00000992	1.89	6.53	0.0541	0.000668	9.92	0.00446	0.0389	0.000338	0.000293	0.000144	0.138	0.00000208	0.000194	0.000703	0.00168	0.0000502
2083 Jun	0.00000984	1.88	6.37	0.0538	0.000655	9.81	0.00435	0.0388	0.000339	0.000289	0.000142	0.137	0.00000207	0.000192	0.0007	0.00167	0.0000497
2083 Jul	0.00000985	1.89	6.38	0.0538	0.000656	9.81	0.00435	0.0389	0.000339	0.000289	0.000142	0.137	0.00000207	0.000193	0.0007	0.00167	0.0000498
2083 Aug	0.00000989	1.89	6.44	0.054	0.000662	9.82	0.0044	0.0389	0.000339	0.000291	0.000143	0.138	0.00000208	0.000194	0.000702	0.00168	0.0000498
2083 Sep	0.00000992	1.9	6.51	0.0541	0.000668	9.81	0.00445	0.0389	0.000339	0.000293	0.000144	0.138	0.00000208	0.000195	0.000703	0.00168	0.0000497
2083 Oct	0.00000991	1.89	6.52	0.054	0.000671	9.78	0.00446	0.0388	0.000337	0.000293	0.000144	0.138	0.00000207	0.000196	0.000701	0.00167	0.0000496
2083 Nov	0.00000991	1.9	6.52	0.0539	0.000672	9.77	0.00446	0.0387	0.000336	0.000293	0.000144	0.138	0.00000207	0.000197	0.0007	0.00167	0.0000496
2083 Dec	0.00000992	1.9	6.53	0.0539	0.000672	9.77	0.00447	0.0387	0.000336	0.000293	0.000144	0.138	0.00000207	0.000197	0.0007	0.00167	0.0000496
2084 Jan	0.00000992	1.9	6.53	0.0539	0.000672	9.77	0.00446	0.0387	0.000336	0.000293	0.000144	0.138	0.00000207	0.000197	0.0007	0.00167	0.0000496
2084 Feb	0.00000992	1.9	6.53	0.0539	0.000672	9.77	0.00446	0.0387	0.000336	0.000293	0.000144	0.138	0.00000207	0.000197	0.0007	0.00167	0.0000496
2084 Mar	0.00000992	1.9	6.53	0.0539	0.000672	9.77	0.00446	0.0387	0.000336	0.000293	0.000144	0.138	0.00000207	0.000197	0.0007	0.00167	0.0000496
2084 Apr	0.00000992	1.9	6.53	0.0539	0.000672	9.77	0.00447	0.0388	0.000336	0.000293	0.000144	0.138	0.00000207	0.000197	0.0007	0.00167	0.0000496
2084 May	0.00000991	1.9	6.51	0.054	0.000671	9.76	0.00445	0.0388	0.000337	0.000293	0.000144	0.138	0.00000207	0.000197	0.000701	0.00167	0.0000496
2084 Jun	0.00000978	1.89	6.28	0.0538	0.000651	9.7	0.00429	0.0387	0.00034	0.000286	0.000142	0.137	0.00000206	0.000194	0.000697	0.00166	0.0000495
2084 Jul	0.0000098	1.9	6.3	0.0539	0.000654	9.72	0.00431	0.0388	0.000341	0.000287	0.000142	0.137	0.00000207	0.000194	0.000698	0.00166	0.0000496
2084 Aug	0.00000984	1.91	6.36	0.0541	0.000659	9.74	0.00435	0.0388	0.000341	0.000288	0.000143	0.138	0.00000207	0.000196	0.0007	0.00166	0.0000496
2084 Sep	0.00000987	1.91	6.43	0.0543	0.000666	9.73	0.0044	0.0388	0.000341	0.00029	0.000144	0.138	0.00000207	0.000197	0.000702	0.00167	0.0000496
2084 Oct	0.0000099	1.91	6.5	0.0544	0.000672	9.72	0.00445	0.0388	0.00034	0.000292	0.000145	0.139	0.00000207	0.000199	0.000703	0.00167	0.0000495
2084 Nov	0.0000099	1.91	6.52	0.0544	0.000674	9.72	0.00446	0.0388	0.00034	0.000293	0.000145	0.139	0.00000207	0.000199	0.000703	0.00167	0.0000494
2084 Dec	0.00000991	1.91	6.52	0.0544	0.000675	9.72	0.00446	0.0388	0.00034	0.000293	0.000145	0.139	0.00000207	0.000199	0.000703	0.00167	0.0000494
2085 Jan	0.00000991	1.91	6.53	0.0544	0.000675	9.72	0.00447	0.0388	0.00034	0.000293	0.000145	0.139	0.00000207	0.000199	0.000703	0.00167	0.0000494
2085 Feb	0.00000991	1.91	6.53	0.0544	0.000675	9.72	0.00447	0.0388	0.00034	0.000293	0.000145	0.139	0.00000207	0.000199	0.000703	0.00167	0.0000494
2085 Mar	0.00000991	1.91	6.53	0.0544	0.000675	9.72	0.00447	0.0388	0.00034	0.000293	0.000145	0.139	0.00000207	0.000199	0.000703	0.00167	0.0000494
2085 Apr	0.00000991	1.91	6.53	0.0544	0.000675	9.72	0.00447	0.0388	0.00034	0.000293	0.000145	0.139	0.00000207	0.000199	0.000703	0.00167	0.0000495
2085 May	0.00000992	1.92	6.55	0.0546	0.000677	9.72	0.00448	0.0388	0.000341	0.000294	0.000145	0.139	0.00000207	0.0002	0.000704	0.00167	0.0000494
2085 Jun	0.00000987	1.92	6.46	0.0546	0.00067	9.7	0.00442	0.0388	0.000344	0.000291	0.000145	0.139	0.00000207	0.000199	0.000704	0.00166	0.0000493
2085 Jul	0.00000991	1.93	6.51	0.0548	0.000675	9.72	0.00445	0.0389	0.000344	0.000293	0.000145	0.14	0.00000207	0.0002	0.000706	0.00167	0.0000494
2085 Aug	0.00000996	1.93	6.6	0.0551	0.000683	9.73	0.00452	0.0389	0.000344	0.000295	0.000147	0.14	0.00000207	0.000202	0.000709	0.00167	0.0000494
2085 Sep	0.00001	1.94	6.71	0.0553	0.000693	9.71	0.00459	0.0388	0.000343	0.000298	0.000148	0.141	0.00000207	0.000204	0.00071	0.00167	0.0000493
2085 Oct	0.00001	1.94	6.76	0.0553	0.000698	9.7	0.00463	0.0388	0.000343	0.0003	0.000149	0.141	0.00000207	0.000206	0.000711	0.00167	0.0000492
2085 Nov	0.00001	1.94	6.76	0.0553	0.000699	9.69	0.00463	0.0387	0.000342	0.000299	0.000149	0.141	0.00000207	0.000206	0.00071	0.00167	0.0000492
2085 Dec	0.00001	1.94	6.76	0.0553	0.000699	9.69	0.00463	0.0387	0.000342	0.0003	0.000149	0.141	0.00000207	0.000206	0.00071	0.00167	0.0000492
2086 Jan	0.00001	1.94	6.76	0.0553	0.000699	9.69	0.00463	0.0387	0.000342	0.0003	0.000149	0.141	0.00000207	0.000206	0.00071	0.00167	0.0000492
2086 Feb	0.00001	1.94	6.76	0.0553	0.000699	9.69	0.00463	0.0387	0.000342	0.0003	0.000149	0.141	0.00000207	0.000206	0.00071	0.00167	0.0000492
2086 Mar	0.00001	1.94	6.76	0.0553	0.000699	9.69	0.00463	0.0387	0.000342	0.0003	0.000149	0.141	0.00000207	0.000206	0.00071	0.00167	0.0000492
2086 Apr	0.00001	1.94	6.76	0.0553	0.000699	9.69	0.00463	0.0387	0.000342	0.0003	0.000149	0.141	0.00000207	0.000206	0.00071	0.00167	0.0000492
2086 May	0.00001	1.94	6.78	0.0554	0.000701	9.69	0.00464	0.0388	0.000343	0.0003	0.000149	0.142	0.00000207	0.000206	0.000711	0.00167	0.0000492
2086 Jun	0.00000988	1.94	6.51	0.0551	0.000678	9.63	0.00445	0.0387	0.000346	0.000292	0.000146	0.14	0.00000206	0.000203	0.000706	0.00166	0.000049
2086 Jul	0.00000987	1.94	6.48	0.0551	0.000677	9.64	0.00444	0.0388	0.000346	0.000292	0.000146	0.14	0.00000207	0.000203	0.000706	0.00166	0.0000491
2086 Aug	0.00000992	1.95	6.57	0.0553	0.000685	9.65	0.0045	0.0388	0.000346	0.000294	0.000147	0.141	0.00000207	0.000205	0.000708	0.00166	0.0000491
2086 Sep	0.00000997	1.95	6.66	0.0555	0.000694	9.64	0.00456	0.0387	0.000345	0.000297	0.000148	0.142	0.00000207	0.000207	0.00071	0.00166	0.000049
2086 Oct	0.00001	1.96	6.73	0.0556	0.0007	9.63	0.00461	0.0387	0.000345	0.000299	0.000149	0.142	0.00000207	0.000208	0.000711	0.00167	0.000049
2086 Nov	0.00001	1.96	6.74	0.0556	0.000701	9.64	0.00462	0.0387	0.000345	0.000299	0.00015	0.142	0.00000207	0.000209	0.000711	0.00167	0.000049
2086 Dec	0.00001	1.96	6.75	0.0557	0.000702	9.63	0.00462	0.0387	0.000345	0.000299	0.00015	0.142	0.00000207	0.000209	0.000711	0.00167	0.000049
2087 Jan	0.00001	1.96	6.75	0.0557	0.000702	9.63	0.00462	0.0387	0.000345	0.000299	0.00015	0.142	0.00000207	0.000209	0.000711	0.00167	0.000049
2087 Feb	0.00001	1.96	6.75	0.0557	0.000702	9.63	0.00462	0.0387	0.000345	0.000299	0.00015	0.142	0.00000207	0.000209	0.000711	0.00167	0.000049
2087 Mar	0.00001	1.96	6.75	0.0557	0.000702	9.64	0.00462	0.0387	0.000345	0.000299	0.00015	0.142	0.00000207	0.000209	0.000712	0.00167	0.000049
2087 Apr	0.00001	1.96	6.75	0.0557	0.000702	9.64	0.00462	0.0387	0.000345	0.000299	0.00015	0.142	0.00000207	0.000209	0.000712	0.00167	0.000049
2087 May	0.00000999	1.96	6.71	0.0557	0.000699	9.63	0.0046	0.0388	0.000346	0.000298	0.000149	0.142	0.00000207	0.000208	0.000712	0.00167	0.000049
2087 Jun	0.00000989	1.96	6.52	0.0558	0.000681	9.61	0.00446	0.0388	0.000351	0.000293	0.000147	0.142	0.00000207	0.000206	0.000711	0.00166	0.0000488
2087 Jul	0.00000993	1.97	6.57	0.056	0.000687	9.63	0.0045	0.0389	0.000351	0.000294	0.000148	0.142	0.00000207	0.000207	0.000713	0.00166	0.0000489
2087 Aug	0.00000997	1.97	6.62	0.0561	0.000692	9.65	0.00453	0.0389	0.000352	0.000296	0.000149	0.143	0.00000207	0.000208	0.000715	0.00167	0.000049
2087 Sep	0.00001	1.98	6.7	0.0563	0.000699	9.65	0.00459	0.0389	0.000352	0.000298	0.00015	0.143	0.00000207	0.00021	0.000717	0.00167	0.000049
2087 Oct	0.00001	1.98	6.77	0.0565	0.000705	9.65	0.00464	0.0389	0.000352	0.0003	0.000151	0.144	0.00000207	0.000211	0.000719	0.00167	0.0000489
2087 Nov	0.00001	1.98	6.79	0.0565	0.000707	9.64	0.00465	0.0389	0.000352	0.000301	0.000151	0.144	0.00000207	0.000212	0.000719	0.00167	0.0000489
2087 Dec	0.0000101	1.98	6.8	0.0565	0.000708	9.64	0.00465	0.0389	0.000352	0.000301	0.000151	0.144	0.00000207	0.000212	0.000719	0.00167	0.0000489
2088 Jan	0.0000101	1.98	6.8	0.0565	0.000708	9.64	0.00466	0.0389	0.000352	0.000301	0.000151	0.144	0.00000207	0.000212	0.000719	0.00167	0.0000489
2088 Feb	0.0000101	1.98	6.8	0.0565	0.000708	9.64	0.00466	0.0389	0.000352	0.000301	0.000151	0.144	0.00000207	0.000212	0.000719	0.00167	0.0000489
2088 Mar	0.0000101	1.98	6.8	0.0566	0.000708	9.64	0.00466	0.0389	0.000352	0.000301	0.000151	0.144	0.00000207	0.000212	0.000719	0.00167	0.0000489

Appendix D.3-4: FZONE

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2088 Apr	0.0000101	1.98	6.81	0.0566	0.000708	9.65	0.00466	0.0389	0.000352	0.000301	0.000151	0.144	0.00000208	0.000212	0.00072	0.00167	0.0000489
2088 May	0.0000101	1.99	6.81	0.0566	0.000709	9.66	0.00466	0.039	0.000352	0.000302	0.000152	0.144	0.00000208	0.000212	0.000721	0.00167	0.0000489
2088 Jun	0.00001	1.98	6.73	0.0563	0.000702	9.62	0.00461	0.039	0.000351	0.0003	0.00015	0.143	0.00000208	0.000211	0.000718	0.00167	0.0000487
2088 Jul	0.0000101	1.99	6.74	0.0564	0.000703	9.63	0.00462	0.0391	0.000352	0.000301	0.000151	0.144	0.00000208	0.000211	0.00072	0.00168	0.0000488
2088 Aug	0.0000101	1.99	6.79	0.0567	0.000708	9.66	0.00466	0.0392	0.000353	0.000303	0.000152	0.144	0.00000209	0.000213	0.000723	0.00169	0.0000489
2088 Sep	0.0000101	2	6.86	0.0569	0.000715	9.67	0.0047	0.0392	0.000353	0.000305	0.000153	0.145	0.00000209	0.000214	0.000725	0.00169	0.0000489
2088 Oct	0.0000102	2	6.92	0.0569	0.00072	9.65	0.00475	0.0391	0.000352	0.000306	0.000153	0.145	0.00000209	0.000215	0.000725	0.00169	0.0000487
2088 Nov	0.0000102	2	6.93	0.0569	0.000721	9.64	0.00475	0.0391	0.000351	0.000306	0.000153	0.145	0.00000209	0.000216	0.000725	0.00169	0.0000487
2088 Dec	0.0000102	2	6.94	0.0569	0.000722	9.64	0.00476	0.0391	0.000351	0.000307	0.000154	0.145	0.00000209	0.000216	0.000725	0.00169	0.0000487
2089 Jan	0.0000102	2	6.94	0.0569	0.000722	9.64	0.00476	0.0391	0.000351	0.000307	0.000154	0.145	0.00000209	0.000216	0.000725	0.00169	0.0000487
2089 Feb	0.0000102	2	6.94	0.0569	0.000722	9.64	0.00476	0.0391	0.000351	0.000307	0.000154	0.145	0.00000209	0.000216	0.000725	0.00169	0.0000487
2089 Mar	0.0000102	2	6.94	0.0569	0.000722	9.64	0.00476	0.0391	0.000351	0.000307	0.000154	0.145	0.00000209	0.000216	0.000725	0.00169	0.0000487
2089 Apr	0.0000102	2	6.94	0.0569	0.000722	9.64	0.00476	0.0391	0.000351	0.000307	0.000154	0.145	0.00000209	0.000216	0.000725	0.00169	0.0000487
2089 May	0.0000102	2	6.9	0.057	0.000719	9.64	0.00473	0.0392	0.000353	0.000306	0.000153	0.145	0.00000209	0.000215	0.000726	0.00169	0.0000486
2089 Jun	0.0000101	2	6.78	0.0572	0.000707	9.61	0.00464	0.0395	0.000358	0.000303	0.000152	0.145	0.00000209	0.000213	0.000728	0.00169	0.0000482
2089 Jul	0.0000102	2.01	6.86	0.0574	0.000714	9.62	0.00469	0.0395	0.000358	0.000305	0.000153	0.146	0.00000209	0.000215	0.000731	0.00169	0.0000482
2089 Aug	0.0000102	2.02	6.93	0.0577	0.000721	9.63	0.00475	0.0396	0.000358	0.000307	0.000154	0.146	0.0000021	0.000216	0.000733	0.0017	0.0000482
2089 Sep	0.0000103	2.02	7.03	0.0579	0.00073	9.63	0.00482	0.0395	0.000358	0.00031	0.000156	0.147	0.0000021	0.000218	0.000736	0.0017	0.0000482
2089 Oct	0.0000103	2.02	7.1	0.058	0.000737	9.6	0.00486	0.0395	0.000357	0.000312	0.000156	0.147	0.0000021	0.00022	0.000736	0.0017	0.0000479
2089 Nov	0.0000103	2.02	7.11	0.058	0.000738	9.6	0.00487	0.0395	0.000357	0.000312	0.000156	0.147	0.0000021	0.00022	0.000736	0.0017	0.0000479
2089 Dec	0.0000103	2.02	7.11	0.058	0.000738	9.6	0.00487	0.0395	0.000357	0.000312	0.000156	0.147	0.0000021	0.00022	0.000736	0.0017	0.0000479
2090 Jan	0.0000103	2.02	7.11	0.058	0.000738	9.6	0.00487	0.0395	0.000357	0.000312	0.000156	0.147	0.0000021	0.00022	0.000736	0.0017	0.0000479
2090 Feb	0.0000103	2.02	7.11	0.058	0.000738	9.6	0.00487	0.0395	0.000357	0.000312	0.000156	0.147	0.0000021	0.00022	0.000736	0.0017	0.0000479
2090 Mar	0.0000103	2.02	7.11	0.058	0.000738	9.6	0.00487	0.0395	0.000357	0.000312	0.000157	0.147	0.0000021	0.00022	0.000736	0.0017	0.0000479
2090 Apr	0.0000103	2.03	7.12	0.058	0.000738	9.6	0.00487	0.0395	0.000357	0.000312	0.000157	0.147	0.0000021	0.00022	0.000736	0.0017	0.0000479
2090 May	0.0000103	2.03	7.15	0.0581	0.000741	9.6	0.00489	0.0396	0.000357	0.000313	0.000157	0.148	0.0000021	0.000221	0.000738	0.00171	0.0000479
2090 Jun	0.0000103	2.03	6.99	0.0586	0.000726	9.51	0.00477	0.0399	0.000366	0.000308	0.000155	0.148	0.0000021	0.000218	0.000742	0.0017	0.0000469
2090 Jul	0.0000103	2.04	7	0.0587	0.000727	9.52	0.00477	0.04	0.000367	0.000309	0.000156	0.148	0.0000021	0.000219	0.000743	0.0017	0.0000469
2090 Aug	0.0000103	2.04	7.03	0.0587	0.000731	9.5	0.0048	0.0399	0.000366	0.00031	0.000156	0.148	0.0000021	0.00022	0.000743	0.0017	0.0000468
2090 Sep	0.0000103	2.04	7.06	0.0586	0.000735	9.48	0.00482	0.0399	0.000364	0.00031	0.000157	0.148	0.0000021	0.000221	0.000741	0.0017	0.0000467
2090 Oct	0.0000103	2.04	7	0.0583	0.000733	9.46	0.00478	0.0399	0.000362	0.000308	0.000156	0.148	0.0000021	0.000221	0.000736	0.00169	0.0000466
2090 Nov	0.0000103	2.04	6.97	0.0581	0.000732	9.45	0.00477	0.0398	0.000361	0.000307	0.000155	0.148	0.00000209	0.000221	0.000734	0.00169	0.0000466
2090 Dec	0.0000103	2.04	6.98	0.0581	0.000733	9.45	0.00477	0.0398	0.00036	0.000307	0.000155	0.148	0.00000209	0.000221	0.000734	0.00169	0.0000466
2091 Jan	0.0000103	2.04	6.98	0.0581	0.000733	9.45	0.00477	0.0398	0.00036	0.000307	0.000156	0.148	0.00000209	0.000221	0.000734	0.00169	0.0000466
2091 Feb	0.0000103	2.04	6.98	0.0581	0.000733	9.45	0.00477	0.0398	0.00036	0.000307	0.000156	0.148	0.00000209	0.000221	0.000734	0.00169	0.0000466
2091 Mar	0.0000103	2.04	6.98	0.0581	0.000733	9.45	0.00477	0.0398	0.000361	0.000307	0.000156	0.148	0.00000209	0.000221	0.000734	0.00169	0.0000466
2091 Apr	0.0000103	2.04	6.99	0.0581	0.000733	9.45	0.00478	0.0399	0.000361	0.000307	0.000156	0.148	0.0000021	0.000221	0.000734	0.00169	0.0000466
2091 May	0.0000103	2.04	6.98	0.0582	0.000733	9.46	0.00477	0.0399	0.000361	0.000307	0.000156	0.148	0.0000021	0.000221	0.000735	0.00169	0.0000466
2091 Jun	0.0000102	2.04	6.76	0.0581	0.000715	9.44	0.00461	0.04	0.000365	0.0003	0.000153	0.147	0.0000021	0.000218	0.000732	0.00168	0.0000465
2091 Jul	0.0000102	2.05	6.8	0.0583	0.000719	9.47	0.00464	0.0401	0.000366	0.000301	0.000154	0.148	0.0000021	0.000219	0.000734	0.00169	0.0000466
2091 Aug	0.0000103	2.05	6.88	0.0585	0.000727	9.47	0.0047	0.0401	0.000366	0.000304	0.000155	0.148	0.0000021	0.000221	0.000736	0.00169	0.0000465
2091 Sep	0.0000103	2.06	6.98	0.0587	0.000737	9.46	0.00477	0.0401	0.000365	0.000307	0.000156	0.149	0.0000021	0.000223	0.000737	0.00169	0.0000465
2091 Oct	0.0000104	2.06	7.03	0.0587	0.000742	9.44	0.0048	0.04	0.000364	0.000308	0.000157	0.149	0.0000021	0.000224	0.000737	0.00169	0.0000464
2091 Nov	0.0000103	2.06	7	0.0585	0.000741	9.43	0.00479	0.04	0.000363	0.000307	0.000157	0.149	0.0000021	0.000224	0.000735	0.00169	0.0000463
2091 Dec	0.0000103	2.06	7.01	0.0585	0.000741	9.43	0.00479	0.04	0.000363	0.000307	0.000157	0.149	0.0000021	0.000224	0.000735	0.00169	0.0000463
2092 Jan	0.0000103	2.06	7.01	0.0586	0.000742	9.43	0.00479	0.04	0.000363	0.000307	0.000157	0.149	0.0000021	0.000225	0.000735	0.00169	0.0000463
2092 Feb	0.0000103	2.06	7.01	0.0586	0.000742	9.43	0.00479	0.04	0.000363	0.000307	0.000157	0.149	0.0000021	0.000225	0.000735	0.00169	0.0000463
2092 Mar	0.0000103	2.06	7.01	0.0586	0.000742	9.43	0.00479	0.04	0.000363	0.000307	0.000157	0.149	0.0000021	0.000225	0.000735	0.00169	0.0000463
2092 Apr	0.0000103	2.06	7.01	0.0586	0.000742	9.43	0.0048	0.04	0.000363	0.000307	0.000157	0.149	0.0000021	0.000225	0.000735	0.00169	0.0000463
2092 May	0.0000104	2.07	7.03	0.0587	0.000744	9.43	0.00481	0.04	0.000364	0.000307	0.000157	0.149	0.0000021	0.000225	0.000736	0.00169	0.0000463
2092 Jun	0.0000102	2.07	6.74	0.0586	0.000722	9.4	0.0046	0.04	0.000369	0.000298	0.000154	0.148	0.00000209	0.000222	0.000732	0.00167	0.0000461
2092 Jul	0.0000102	2.07	6.75	0.0586	0.000723	9.41	0.00461	0.04	0.000368	0.000299	0.000154	0.149	0.00000209	0.000223	0.000732	0.00167	0.0000462
2092 Aug	0.0000103	2.08	6.83	0.0589	0.000731	9.43	0.00467	0.0401	0.000369	0.000301	0.000156	0.149	0.0000021	0.000225	0.000735	0.00167	0.0000463
2092 Sep	0.0000103	2.09	6.98	0.0592	0.000744	9.42	0.00477	0.04	0.000369	0.000306	0.000158	0.15	0.0000021	0.000228	0.000738	0.00168	0.0000462
2092 Oct	0.0000104	2.1	7.09	0.0594	0.000754	9.41	0.00484	0.04	0.000368	0.000309	0.000159	0.151	0.0000021	0.00023	0.00074	0.00168	0.0000462
2092 Nov	0.0000104	2.1	7.13	0.0595	0.000758	9.41	0.00487	0.0399	0.000368	0.00031	0.00016	0.151	0.0000021	0.000231	0.000741	0.00168	0.0000461
2092 Dec	0.0000104	2.1	7.13	0.0595	0.000758	9.41	0.00487	0.04	0.000368	0.00031	0.00016	0.151	0.0000021	0.000231	0.000741	0.00168	0.0000461
2093 Jan	0.0000104	2.1	7.13	0.0595	0.000758	9.41	0.00487	0.0399	0.000368	0.00031	0.00016	0.151	0.0000021	0.000231	0.000741	0.00168	0.0000461
2093 Feb	0.0000104	2.1	7.13	0.0595	0.000758	9.41	0.00487	0.04	0.000368	0.00031	0.00016	0.151	0.0000021	0.000231	0.000741	0.00168	0.0000461
2093 Mar	0.0000104	2.1	7.14	0.0596	0.000758	9.41	0.00488	0.04	0.000368	0.00031	0.00016	0.151	0.0000021	0.000231	0.000741	0.00168	0.0000461
2093 Apr	0.0000104	2.1	7.14	0.0596	0.000759	9.41	0.00488	0.04	0.000368	0.00031	0.00016	0.151	0.0000021	0.000231	0.000741	0.00168	0.0000461
2093 May	0.0000104	2.1	7.16	0.0597	0.00076	9.42	0.00489	0.04	0.000369	0.000311	0.00016	0.152	0.0000021	0.000232	0.000742	0.00168	0.0000461
2093 Jun	0.0000103	2.1	6.98	0.0597	0.000745	9.41	0.00477	0.04	0.000373	0.000306	0.000158	0.151	0.0000021	0.00023	0.000742	0.00168	0.0000461
2093 Jul	0.0000103	2.11	7.01	0.0599	0.000748	9.43	0.00479	0.0401	0.000374	0.000307	0.000159	0.152	0.0000021	0.000231	0.000743	0.00168	0.0000462
2093 Aug	0.0000104	2.12	7.08	0.0601	0.000755	9.45	0.00484	0.0401	0.000374	0.000309	0.00016	0.152	0.0000021	0.000232	0.000746	0.00168	0.0000462
2093 Sep	0.0000104	2.12	7.17	0.0603	0.000763	9.44	0.0049	0.0401	0.000374	0.000312	0.000161	0.153	0.00000211	0.000234	0.000748	0.00169	0.0000462
2093 Oct	0.0000104	2.12	7.23	0.0603	0.000769	9.42	0.00494	0.04	0.000372	0.000313	0.000162	0.153	0.0000021	0.000236	0.000747	0.00169	0.000046
2093 Nov	0.0000104	2.12	7.23	0.0603	0.000771	9.41	0.00495	0.04	0.000372	0.000313	0.000162	0.153	0.0000021	0.000236	0.000746	0.00168	0.000046
2093 Dec	0.0000104	2.12	7.24	0.0603	0.000771	9.41	0.00495	0.04	0.000372	0.000313	0.000162	0.153	0.0000021	0.000236	0.000746	0.00168	0.000046
2094 Jan	0.0000104	2.12	7.24	0.0603	0.000771	9.41	0.00495	0.04	0.000372	0.000313	0.000162	0.153	0.0000021	0.000236	0.000746	0.00168	0.000046
2094 Feb	0.0000104	2.12	7.24	0.0603	0.000771	9.41	0.00495	0.04	0.000372	0.000313	0.000162	0.153	0.0000021	0.000236	0.000747	0.00168	0.000046
2094 Mar	0.0000104	2.12	7.24	0.0603	0.000771	9.41	0.00495	0.04	0.000372	0.000313	0.000162	0.153	0.0000021	0.000236	0.000747	0.00168	0.000046
2094 Apr	0.0000104	2.13	7.24	0.0603	0.000771	9.41	0.00495	0.04	0.000372	0.000313	0.000162	0.153	0.0000021	0.000236	0.000747	0.00168	0.000046
2094 May	0.0000104	2.13	7.23	0.0604	0.000771	9.41	0.00494	0.04	0.000373	0.000313	0.000162	0.153	0.0000021	0.000236	0.000747	0.00168	0.0000459
2094 Jun	0.0000104	2.13	7.14	0.0606	0.000764	9.41	0.00488	0.0401	0.000376	0.00031	0.000161	0.153	0.0000021	0.000236	0.000748	0.00168	0.0000459
2094 Jul	0.0000104	2.14	7.2	0.0609	0.00077	9.44	0.00492	0.0402	0.000377	0.000312	0.000163	0.154	0.00000211	0.000237	0.000751	0.00168	0.000046
2094 Aug	0.0000105	2.15	7.3	0.0612	0.000779	9.47	0.00499	0.0403	0.000378	0.000315	0.000164	0.155	0.00000211	0.00024	0.000755	0.00169	0.0000461

Appendix D.3-4: FZONE

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2094 Sep	0.0000106	2.16	7.4	0.0614	0.000789	9.46	0.00506	0.0402	0.000378	0.000318	0.000165	0.156	0.00000211	0.000242	0.000757	0.00169	0.0000461
2094 Oct	0.0000106	2.16	7.51	0.0616	0.000798	9.44	0.00513	0.0402	0.000377	0.000321	0.000167	0.156	0.00000211	0.000244	0.000758	0.00169	0.0000459
2094 Nov	0.0000106	2.17	7.58	0.0616	0.000805	9.42	0.00518	0.0401	0.000376	0.000323	0.000168	0.157	0.00000211	0.000245	0.000758	0.00169	0.0000458
2094 Dec	0.0000106	2.17	7.58	0.0616	0.000805	9.42	0.00518	0.0401	0.000375	0.000323	0.000168	0.157	0.00000211	0.000245	0.000758	0.00169	0.0000458
2095 Jan	0.0000106	2.17	7.58	0.0616	0.000806	9.42	0.00518	0.0401	0.000375	0.000323	0.000168	0.157	0.00000211	0.000245	0.000758	0.00169	0.0000458
2095 Feb	0.0000106	2.17	7.58	0.0616	0.000806	9.42	0.00518	0.0401	0.000375	0.000323	0.000168	0.157	0.00000211	0.000245	0.000759	0.00169	0.0000458
2095 Mar	0.0000106	2.17	7.58	0.0616	0.000806	9.42	0.00518	0.0401	0.000375	0.000323	0.000168	0.157	0.00000211	0.000245	0.000759	0.00169	0.0000458
2095 Apr	0.0000106	2.17	7.59	0.0617	0.000806	9.42	0.00519	0.0401	0.000376	0.000323	0.000168	0.157	0.00000211	0.000245	0.000759	0.0017	0.0000458
2095 May	0.0000106	2.17	7.56	0.0617	0.000804	9.43	0.00517	0.0402	0.000376	0.000322	0.000167	0.157	0.00000211	0.000245	0.000759	0.00169	0.0000458
2095 Jun	0.0000106	2.17	7.51	0.0618	0.000801	9.44	0.00513	0.0403	0.000378	0.000321	0.000167	0.157	0.00000211	0.000245	0.00076	0.00169	0.0000457
2095 Jul	0.0000106	2.18	7.56	0.0621	0.000805	9.47	0.00517	0.0404	0.00038	0.000322	0.000168	0.158	0.00000212	0.000246	0.000763	0.0017	0.0000459
2095 Aug	0.0000107	2.18	7.63	0.0622	0.000812	9.47	0.00522	0.0404	0.000379	0.000325	0.000169	0.158	0.00000212	0.000247	0.000764	0.0017	0.0000458
2095 Sep	0.0000107	2.19	7.72	0.0624	0.00082	9.46	0.00528	0.0403	0.000379	0.000327	0.00017	0.159	0.00000212	0.000249	0.000766	0.0017	0.0000458
2095 Oct	0.0000108	2.19	7.79	0.0626	0.000827	9.46	0.00533	0.0403	0.000379	0.000329	0.000171	0.159	0.00000212	0.000251	0.000768	0.00171	0.0000457
2095 Nov	0.0000108	2.2	7.84	0.0626	0.000831	9.45	0.00536	0.0403	0.000378	0.000331	0.000172	0.159	0.00000212	0.000252	0.000768	0.00171	0.0000457
2095 Dec	0.0000108	2.2	7.85	0.0626	0.000832	9.45	0.00537	0.0403	0.000378	0.000331	0.000172	0.159	0.00000212	0.000252	0.000768	0.00171	0.0000457
2096 Jan	0.0000108	2.2	7.85	0.0627	0.000832	9.45	0.00537	0.0403	0.000378	0.000331	0.000172	0.159	0.00000212	0.000252	0.000769	0.00171	0.0000457
2096 Feb	0.0000108	2.2	7.86	0.0627	0.000832	9.45	0.00537	0.0403	0.000378	0.000331	0.000172	0.159	0.00000212	0.000252	0.000769	0.00171	0.0000457
2096 Mar	0.0000108	2.2	7.86	0.0627	0.000832	9.45	0.00537	0.0403	0.000378	0.000331	0.000172	0.159	0.00000212	0.000252	0.000769	0.00171	0.0000457
2096 Apr	0.0000108	2.2	7.86	0.0627	0.000833	9.45	0.00537	0.0403	0.000378	0.000331	0.000172	0.159	0.00000212	0.000252	0.000769	0.00171	0.0000457
2096 May	0.0000108	2.2	7.93	0.0629	0.000839	9.45	0.00542	0.0403	0.000379	0.000333	0.000173	0.16	0.00000212	0.000253	0.000771	0.00171	0.0000456
2096 Jun	0.0000107	2.19	7.68	0.0625	0.000818	9.37	0.00525	0.0404	0.000381	0.000326	0.00017	0.159	0.00000211	0.00025	0.000767	0.0017	0.000045
2096 Jul	0.0000107	2.2	7.64	0.0625	0.000815	9.38	0.00522	0.0405	0.000381	0.000326	0.00017	0.159	0.00000212	0.00025	0.000767	0.0017	0.0000451
2096 Aug	0.0000108	2.2	7.71	0.0628	0.000821	9.41	0.00527	0.0406	0.000382	0.000328	0.000171	0.159	0.00000212	0.000251	0.00077	0.00171	0.0000452
2096 Sep	0.0000108	2.21	7.78	0.0629	0.000829	9.4	0.00532	0.0406	0.000381	0.00033	0.000172	0.16	0.00000212	0.000253	0.000771	0.00171	0.0000451
2096 Oct	0.0000108	2.21	7.86	0.0629	0.000836	9.37	0.00538	0.0405	0.000379	0.000332	0.000173	0.16	0.00000212	0.000254	0.000771	0.00171	0.0000449
2096 Nov	0.0000108	2.21	7.87	0.0629	0.000838	9.37	0.00539	0.0405	0.000379	0.000332	0.000173	0.16	0.00000212	0.000255	0.000771	0.00171	0.0000449
2096 Dec	0.0000108	2.21	7.88	0.0629	0.000838	9.37	0.00539	0.0405	0.000379	0.000332	0.000173	0.16	0.00000212	0.000255	0.000771	0.00171	0.0000449
2097 Jan	0.0000108	2.21	7.88	0.0629	0.000838	9.37	0.00539	0.0405	0.000379	0.000332	0.000173	0.16	0.00000212	0.000255	0.000771	0.00171	0.0000449
2097 Feb	0.0000108	2.21	7.88	0.0629	0.000838	9.37	0.00539	0.0405	0.000379	0.000332	0.000173	0.16	0.00000212	0.000255	0.000771	0.00171	0.0000449
2097 Mar	0.0000108	2.21	7.88	0.0629	0.000838	9.37	0.00539	0.0405	0.000379	0.000332	0.000173	0.16	0.00000212	0.000255	0.000771	0.00171	0.0000449
2097 Apr	0.0000108	2.21	7.88	0.0629	0.000839	9.37	0.00539	0.0405	0.000379	0.000333	0.000173	0.16	0.00000212	0.000255	0.000772	0.00171	0.0000449
2097 May	0.0000108	2.21	7.88	0.063	0.000839	9.38	0.00539	0.0405	0.00038	0.000333	0.000173	0.16	0.00000212	0.000255	0.000772	0.00171	0.0000449
2097 Jun	0.0000108	2.21	7.72	0.0628	0.000826	9.37	0.00528	0.0406	0.000381	0.000328	0.000171	0.16	0.00000212	0.000253	0.00077	0.00171	0.0000448
2097 Jul	0.0000108	2.22	7.77	0.063	0.000831	9.4	0.00531	0.0407	0.000382	0.00033	0.000172	0.16	0.00000213	0.000254	0.000773	0.00171	0.0000449
2097 Aug	0.0000109	2.22	7.82	0.0632	0.000836	9.42	0.00535	0.0408	0.000383	0.000332	0.000173	0.161	0.00000213	0.000255	0.000775	0.00172	0.000045
2097 Sep	0.0000109	2.23	7.88	0.0634	0.000841	9.42	0.00539	0.0408	0.000383	0.000333	0.000174	0.161	0.00000213	0.000257	0.000776	0.00172	0.000045
2097 Oct	0.0000109	2.23	7.93	0.0635	0.000845	9.41	0.00542	0.0408	0.000382	0.000335	0.000174	0.162	0.00000213	0.000257	0.000777	0.00172	0.000045
2097 Nov	0.0000109	2.23	7.94	0.0635	0.000847	9.41	0.00544	0.0408	0.000382	0.000335	0.000174	0.162	0.00000213	0.000258	0.000777	0.00172	0.0000449
2097 Dec	0.0000109	2.23	7.95	0.0635	0.000847	9.41	0.00544	0.0408	0.000382	0.000335	0.000174	0.162	0.00000213	0.000258	0.000777	0.00172	0.0000449
2098 Jan	0.0000109	2.23	7.95	0.0635	0.000848	9.41	0.00544	0.0408	0.000382	0.000335	0.000174	0.162	0.00000213	0.000258	0.000777	0.00172	0.0000449
2098 Feb	0.0000109	2.23	7.95	0.0635	0.000848	9.41	0.00544	0.0408	0.000382	0.000335	0.000174	0.162	0.00000213	0.000258	0.000777	0.00172	0.0000449
2098 Mar	0.0000109	2.23	7.95	0.0635	0.000848	9.41	0.00544	0.0408	0.000382	0.000335	0.000174	0.162	0.00000213	0.000258	0.000777	0.00172	0.0000449
2098 Apr	0.0000109	2.23	7.95	0.0635	0.000848	9.41	0.00544	0.0408	0.000382	0.000335	0.000174	0.162	0.00000213	0.000258	0.000778	0.00172	0.0000449
2098 May	0.0000109	2.23	7.9	0.0636	0.000842	9.41	0.0054	0.0409	0.000385	0.000334	0.000174	0.162	0.00000213	0.000257	0.000779	0.00172	0.0000448
2098 Jun	0.0000107	2.23	7.58	0.0638	0.000813	9.4	0.00517	0.0411	0.000394	0.000324	0.00017	0.161	0.00000213	0.000251	0.00078	0.00171	0.0000444
2098 Jul	0.0000108	2.23	7.6	0.0641	0.000816	9.43	0.00519	0.0412	0.000395	0.000326	0.000171	0.161	0.00000213	0.000252	0.000783	0.00171	0.0000445
2098 Aug	0.0000108	2.24	7.68	0.0642	0.000823	9.44	0.00524	0.0412	0.000395	0.000328	0.000172	0.162	0.00000214	0.000254	0.000785	0.00172	0.0000445
2098 Sep	0.0000109	2.24	7.76	0.0643	0.000831	9.42	0.0053	0.0411	0.000394	0.00033	0.000173	0.162	0.00000213	0.000256	0.000785	0.00172	0.0000443
2098 Oct	0.0000109	2.24	7.79	0.0643	0.000835	9.4	0.00532	0.0411	0.000393	0.00033	0.000173	0.162	0.00000213	0.000257	0.000784	0.00171	0.0000442
2098 Nov	0.0000108	2.24	7.77	0.0642	0.000834	9.39	0.00531	0.0411	0.000392	0.00033	0.000173	0.162	0.00000213	0.000257	0.000783	0.00171	0.0000442
2098 Dec	0.0000108	2.25	7.78	0.0642	0.000835	9.39	0.00531	0.0411	0.000392	0.00033	0.000173	0.162	0.00000213	0.000257	0.000783	0.00171	0.0000442
2099 Jan	0.0000108	2.25	7.78	0.0642	0.000835	9.39	0.00531	0.0411	0.000392	0.00033	0.000173	0.162	0.00000213	0.000257	0.000783	0.00171	0.0000442
2099 Feb	0.0000108	2.25	7.78	0.0642	0.000835	9.39	0.00531	0.0411	0.000392	0.00033	0.000173	0.162	0.00000213	0.000257	0.000783	0.00171	0.0000442
2099 Mar	0.0000108	2.25	7.78	0.0642	0.000835	9.39	0.00531	0.0411	0.000392	0.00033	0.000173	0.162	0.00000213	0.000257	0.000783	0.00171	0.0000442
2099 Apr	0.0000109	2.25	7.78	0.0643	0.000835	9.4	0.00532	0.0411	0.000392	0.00033	0.000173	0.162	0.00000213	0.000257	0.000783	0.00171	0.0000442
2099 May	0.0000108	2.25	7.62	0.0643	0.000822	9.41	0.0052	0.0412	0.000395	0.000325	0.000171	0.162	0.00000213	0.000255	0.000782	0.0017	0.0000442
2099 Jun	0.0000107	2.25	7.51	0.0643	0.000814	9.42	0.00513	0.0412	0.000397	0.000322	0.00017	0.162	0.00000213	0.000254	0.000781	0.0017	0.0000442
2099 Jul	0.0000108	2.26	7.57	0.0645	0.000819	9.44	0.00517	0.0413	0.000398	0.000324	0.000171	0.162	0.00000213	0.000255	0.000784	0.0017	0.0000443
2099 Aug	0.0000108	2.26	7.64	0.0648	0.000826	9.46	0.00522	0.0414	0.000399	0.000326	0.000172	0.163	0.00000214	0.000257	0.000787	0.00171	0.0000444
2099 Sep	0.0000108	2.27	7.72	0.0649	0.000833	9.45	0.00527	0.0413	0.000398	0.000328	0.000173	0.163	0.00000213	0.000258	0.000788	0.00171	0.0000443
2099 Oct	0.0000109	2.27	7.78	0.065	0.000839	9.44	0.00531	0.0412	0.000397	0.00033	0.000174	0.164	0.00000213	0.00026	0.000788	0.00171	0.0000442
2099 Nov	0.0000109	2.27	7.79	0.065	0.000841	9.43	0.00532	0.0412	0.000396	0.00033	0.000174	0.164	0.00000213	0.00026	0.000788	0.00171	0.0000442
2099 Dec	0.0000109	2.27	7.79	0.065	0.000841	9.43	0.00532	0.0412	0.000396	0.00033	0.000174	0.164	0.00000213	0.00026	0.000788	0.00171	0.0000442
2100 Jan	0.0000109	2.27	7.8	0.065	0.000841	9.43	0.00532	0.0412	0.000396	0.00033	0.000174	0.164	0.00000213	0.00026	0.000788	0.00171	0.0000442
2100 Feb	0.0000109	2.27	7.8	0.065	0.000841	9.43	0.00532	0.0412	0.000396	0.00033	0.000174	0.164	0.00000213	0.00026	0.000788	0.00171	0.0000442
2100 Mar	0.0000109	2.27	7.8	0.065	0.000841	9.43	0.00533	0.0412	0.000396	0.00033	0.000174	0.164	0.00000213	0.00026	0.000788	0.00171	0.0000442
2100 Apr	0.0000109	2.27	7.8	0.065	0.000841	9.43	0.00533	0.0412	0.000397	0.00033	0.000174	0.164	0.00000213	0.00026	0.000788	0.00171	0.0000442
2100 May	0.0000109	2.28	7.82	0.0652	0.000843	9.43	0.00534	0.0413	0.000398	0.000331	0.000175	0.164	0.00000213	0.000261	0.00079	0.00171	0.0000441
2100 Jun	0.0000107	2.27	7.53	0.0651	0.000819	9.44	0.00514	0.0413	0.000403	0.000322	0.000172	0.163	0.00000213	0.000257	0.000787	0.00169	0.0000441
2100 Jul	0.0000107	2.28	7.57	0.0652	0.000823	9.45	0.00516	0.0413	0.000403	0.000323	0.000172	0.164	0.00000213	0.000258	0.000788	0.00169	0.0000441
2100 Aug	0.0000108	2.28	7.62	0.0653	0.000829	9.45	0.0052	0.0413	0.000403	0.000325	0.000173	0.164	0.00000213	0.00026	0.000789	0.0017	0.0000441
2100 Sep	0.0000108	2.29	7.69	0.0655	0.000835	9.45	0.00525	0.0413	0.000403	0.000327	0.000174	0.164	0.00000213	0.000261	0.000791	0.0017	0.0000441
2100 Oct	0.0000108	2.29	7.74	0.0656	0.00084	9.45	0.00529	0.0413	0.000402	0.000328	0.000175	0.165	0.00000213	0.000262	0.000792	0.0017	0.0000441
2100 Nov	0.0000108	2.29	7.75	0.0656	0.00084	9.45	0.00529	0.0413	0.000402	0.000329	0.000175	0.165	0.00000213	0.000262	0.000792	0.0017	0.0000441
2100 Dec	0.0000108	2.29	7.75	0.0656	0.000841	9.45	0.00529	0.0413	0.000402	0.000329	0.000175	0.165	0.00000213	0.000262	0.000792	0.0017	0.0000441
2101 Jan	0.0000108	2.29	7.76	0.0656	0.000841	9.45	0.0053	0.0413	0.000402	0.000329	0.000175	0.165	0.00000213	0.000262	0.000792	0.0017	0.0000441

Appendix D.3-4: FZONE

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2101 Feb	0.0000108	2.29	7.76	0.0656	0.000842	9.45	0.0053	0.0413	0.000402	0.000329	0.000175	0.165	0.00000213	0.000262	0.000792	0.0017	0.0000441
2101 Mar	0.0000108	2.29	7.76	0.0656	0.000842	9.45	0.0053	0.0413	0.000402	0.000329	0.000175	0.165	0.00000213	0.000262	0.000792	0.0017	0.0000441
2101 Apr	0.0000108	2.29	7.76	0.0657	0.000842	9.45	0.0053	0.0413	0.000402	0.000329	0.000175	0.165	0.00000213	0.000263	0.000792	0.0017	0.0000441
2101 May	0.0000108	2.29	7.7	0.0657	0.000837	9.46	0.00526	0.0413	0.000404	0.000327	0.000174	0.165	0.00000213	0.000262	0.000793	0.0017	0.0000441
2101 Jun	0.0000107	2.29	7.53	0.0657	0.000822	9.47	0.00514	0.0413	0.000407	0.000322	0.000173	0.164	0.00000213	0.00026	0.000791	0.00169	0.0000442
2101 Jul	0.0000107	2.3	7.56	0.0659	0.000826	9.5	0.00516	0.0414	0.000409	0.000324	0.000173	0.165	0.00000213	0.000261	0.000793	0.00169	0.0000443
2101 Aug	0.0000108	2.31	7.62	0.0661	0.000831	9.52	0.0052	0.0415	0.000409	0.000326	0.000174	0.166	0.00000214	0.000263	0.000796	0.0017	0.0000444
2101 Sep	0.0000108	2.31	7.7	0.0663	0.000839	9.51	0.00526	0.0414	0.000409	0.000328	0.000175	0.166	0.00000214	0.000264	0.000798	0.0017	0.0000443
2101 Oct	0.0000108	2.32	7.77	0.0664	0.000845	9.51	0.00531	0.0414	0.000408	0.00033	0.000176	0.167	0.00000214	0.000265	0.000799	0.0017	0.0000443
2101 Nov	0.0000109	2.32	7.81	0.0665	0.000849	9.49	0.00534	0.0413	0.000408	0.000331	0.000177	0.167	0.00000213	0.000266	0.000799	0.0017	0.0000442
2101 Dec	0.0000109	2.32	7.82	0.0665	0.000849	9.49	0.00534	0.0413	0.000408	0.000331	0.000177	0.167	0.00000213	0.000266	0.000799	0.0017	0.0000442
2102 Jan	0.0000109	2.32	7.82	0.0665	0.000849	9.49	0.00534	0.0413	0.000408	0.000331	0.000177	0.167	0.00000213	0.000266	0.000799	0.0017	0.0000442
2102 Feb	0.0000109	2.32	7.82	0.0665	0.000849	9.49	0.00534	0.0413	0.000408	0.000331	0.000177	0.167	0.00000213	0.000266	0.000799	0.0017	0.0000442
2102 Mar	0.0000109	2.32	7.82	0.0665	0.00085	9.49	0.00534	0.0413	0.000408	0.000331	0.000177	0.167	0.00000213	0.000266	0.000799	0.0017	0.0000442
2102 Apr	0.0000109	2.32	7.82	0.0665	0.00085	9.49	0.00534	0.0413	0.000408	0.000331	0.000177	0.167	0.00000214	0.000266	0.000799	0.0017	0.0000442
2102 May	0.0000109	2.32	7.83	0.0665	0.00085	9.5	0.00535	0.0414	0.000408	0.000332	0.000177	0.167	0.00000214	0.000267	0.0008	0.00171	0.0000443
2102 Jun	0.0000108	2.31	7.61	0.0654	0.000833	9.43	0.00521	0.0413	0.000402	0.000327	0.000174	0.165	0.00000213	0.000264	0.00079	0.0017	0.0000441
2102 Jul	0.0000107	2.3	7.46	0.0648	0.000822	9.4	0.00512	0.0412	0.000398	0.000324	0.000172	0.164	0.00000213	0.000263	0.000784	0.0017	0.0000441
2102 Aug	0.0000108	2.3	7.5	0.0649	0.000827	9.42	0.00515	0.0413	0.000399	0.000325	0.000173	0.164	0.00000214	0.000264	0.000786	0.0017	0.0000442
2102 Sep	0.0000108	2.31	7.54	0.065	0.00083	9.42	0.00518	0.0413	0.000399	0.000326	0.000173	0.164	0.00000214	0.000264	0.000787	0.00171	0.0000441
2102 Oct	0.0000108	2.3	7.54	0.0648	0.000831	9.4	0.00518	0.0412	0.000397	0.000326	0.000173	0.164	0.00000213	0.000265	0.000785	0.0017	0.000044
2102 Nov	0.0000108	2.3	7.54	0.0648	0.000832	9.39	0.00519	0.0412	0.000396	0.000326	0.000173	0.164	0.00000213	0.000265	0.000784	0.0017	0.000044
2102 Dec	0.0000108	2.3	7.55	0.0648	0.000832	9.39	0.00519	0.0412	0.000396	0.000327	0.000173	0.164	0.00000213	0.000265	0.000785	0.0017	0.000044
2103 Jan	0.0000108	2.3	7.55	0.0648	0.000832	9.39	0.00519	0.0412	0.000396	0.000327	0.000173	0.164	0.00000213	0.000265	0.000785	0.0017	0.000044
2103 Feb	0.0000108	2.3	7.55	0.0648	0.000832	9.39	0.00519	0.0412	0.000396	0.000327	0.000173	0.164	0.00000213	0.000265	0.000785	0.0017	0.000044
2103 Mar	0.0000108	2.3	7.55	0.0648	0.000832	9.39	0.00519	0.0412	0.000396	0.000327	0.000173	0.164	0.00000213	0.000265	0.000785	0.0017	0.000044
2103 Apr	0.0000108	2.3	7.55	0.0648	0.000832	9.4	0.00519	0.0412	0.000396	0.000327	0.000173	0.164	0.00000214	0.000265	0.000785	0.0017	0.0000441
2103 May	0.0000108	2.31	7.58	0.0649	0.000835	9.39	0.00521	0.0412	0.000397	0.000328	0.000174	0.164	0.00000214	0.000266	0.000786	0.00171	0.000044
2103 Jun	0.0000107	2.31	7.41	0.0645	0.000822	9.36	0.0051	0.0411	0.000396	0.000323	0.000172	0.163	0.00000213	0.000265	0.000781	0.0017	0.000044
2103 Jul	0.0000107	2.31	7.42	0.0645	0.000824	9.37	0.00511	0.0411	0.000396	0.000324	0.000172	0.164	0.00000213	0.000266	0.000781	0.0017	0.0000441
2103 Aug	0.0000107	2.31	7.43	0.0645	0.000827	9.37	0.00513	0.0411	0.000395	0.000325	0.000173	0.164	0.00000213	0.000267	0.00078	0.0017	0.0000441
2103 Sep	0.0000107	2.31	7.44	0.0643	0.000829	9.35	0.00514	0.041	0.000393	0.000325	0.000173	0.164	0.00000213	0.000267	0.000778	0.0017	0.0000441
2103 Oct	0.0000107	2.31	7.37	0.0637	0.000827	9.33	0.0051	0.0409	0.000388	0.000322	0.000172	0.163	0.00000213	0.000268	0.000771	0.00169	0.0000442
2103 Nov	0.0000107	2.31	7.36	0.0636	0.000826	9.32	0.00509	0.0408	0.000387	0.000322	0.000172	0.163	0.00000213	0.000268	0.000769	0.00168	0.0000442
2103 Dec	0.0000107	2.31	7.36	0.0636	0.000827	9.32	0.0051	0.0408	0.000387	0.000322	0.000172	0.163	0.00000213	0.000268	0.000769	0.00168	0.0000442
2104 Jan	0.0000107	2.31	7.36	0.0636	0.000827	9.32	0.0051	0.0408	0.000387	0.000322	0.000172	0.163	0.00000213	0.000268	0.000769	0.00168	0.0000442
2104 Feb	0.0000107	2.31	7.36	0.0636	0.000827	9.32	0.0051	0.0408	0.000387	0.000322	0.000172	0.163	0.00000213	0.000268	0.000769	0.00168	0.0000442
2104 Mar	0.0000107	2.31	7.36	0.0636	0.000827	9.32	0.0051	0.0408	0.000387	0.000322	0.000172	0.163	0.00000213	0.000268	0.000769	0.00168	0.0000442
2104 Apr	0.0000107	2.31	7.37	0.0636	0.000827	9.33	0.0051	0.0408	0.000387	0.000322	0.000172	0.163	0.00000213	0.000268	0.000769	0.00169	0.0000442
2104 May	0.0000107	2.31	7.34	0.0636	0.000825	9.33	0.00508	0.0408	0.000388	0.000321	0.000172	0.163	0.00000213	0.000268	0.000769	0.00168	0.0000443
2104 Jun	0.0000106	2.31	7.15	0.0632	0.000812	9.33	0.00496	0.0407	0.000387	0.000316	0.00017	0.162	0.00000212	0.000267	0.000762	0.00167	0.0000445
2104 Jul	0.0000106	2.32	7.18	0.0633	0.000816	9.35	0.00499	0.0407	0.000388	0.000317	0.00017	0.162	0.00000212	0.000268	0.000764	0.00167	0.0000446
2104 Aug	0.0000106	2.32	7.23	0.0635	0.000821	9.36	0.00502	0.0407	0.000388	0.000319	0.000171	0.163	0.00000213	0.000269	0.000765	0.00168	0.0000446
2104 Sep	0.0000106	2.33	7.28	0.0635	0.000826	9.35	0.00506	0.0407	0.000387	0.00032	0.000172	0.163	0.00000213	0.00027	0.000765	0.00168	0.0000446
2104 Oct	0.0000106	2.33	7.29	0.0634	0.000828	9.34	0.00506	0.0406	0.000385	0.00032	0.000172	0.163	0.00000212	0.000271	0.000763	0.00167	0.0000446
2104 Nov	0.0000106	2.33	7.28	0.0633	0.000827	9.34	0.00506	0.0406	0.000385	0.00032	0.000172	0.163	0.00000212	0.000271	0.000762	0.00167	0.0000446
2104 Dec	0.0000106	2.33	7.28	0.0633	0.000828	9.33	0.00506	0.0406	0.000385	0.00032	0.000172	0.163	0.00000212	0.000271	0.000762	0.00167	0.0000446
2105 Jan	0.0000106	2.33	7.28	0.0633	0.000828	9.33	0.00506	0.0406	0.000385	0.00032	0.000172	0.163	0.00000212	0.000271	0.000762	0.00167	0.0000446
2105 Feb	0.0000106	2.33	7.28	0.0633	0.000828	9.33	0.00506	0.0406	0.000385	0.00032	0.000172	0.163	0.00000212	0.000271	0.000762	0.00167	0.0000446
2105 Mar	0.0000106	2.33	7.28	0.0633	0.000828	9.33	0.00506	0.0406	0.000385	0.00032	0.000172	0.163	0.00000212	0.000271	0.000762	0.00167	0.0000446
2105 Apr	0.0000106	2.33	7.29	0.0633	0.000828	9.34	0.00506	0.0406	0.000385	0.00032	0.000172	0.163	0.00000212	0.000271	0.000762	0.00167	0.0000446
2105 May	0.0000106	2.33	7.28	0.0633	0.000829	9.34	0.00506	0.0406	0.000385	0.00032	0.000172	0.163	0.00000212	0.000272	0.000762	0.00167	0.0000446
2105 Jun	0.0000106	2.33	7.2	0.0632	0.000824	9.35	0.00501	0.0405	0.000385	0.000318	0.000171	0.163	0.00000212	0.000272	0.00076	0.00166	0.0000448
2105 Jul	0.0000106	2.34	7.25	0.0634	0.000829	9.36	0.00505	0.0406	0.000385	0.000319	0.000172	0.163	0.00000212	0.000273	0.000762	0.00167	0.0000448
2105 Aug	0.0000106	2.34	7.33	0.0635	0.000836	9.36	0.00511	0.0405	0.000385	0.000322	0.000173	0.164	0.00000212	0.000274	0.000763	0.00167	0.0000448
2105 Sep	0.0000106	2.35	7.36	0.0634	0.000841	9.34	0.00513	0.0404	0.000382	0.000322	0.000174	0.164	0.00000212	0.000276	0.00076	0.00167	0.0000448
2105 Oct	0.0000106	2.35	7.37	0.0632	0.000845	9.33	0.00515	0.0402	0.00038	0.000322	0.000174	0.164	0.00000212	0.000277	0.000757	0.00166	0.0000449
2105 Nov	0.0000106	2.35	7.36	0.063	0.000845	9.32	0.00514	0.0402	0.000378	0.000322	0.000174	0.164	0.00000212	0.000278	0.000755	0.00166	0.0000449
2105 Dec	0.0000106	2.35	7.36	0.063	0.000845	9.32	0.00514	0.0402	0.000378	0.000322	0.000174	0.164	0.00000212	0.000278	0.000755	0.00166	0.0000449
2106 Jan	0.0000106	2.35	7.36	0.063	0.000845	9.32	0.00514	0.0402	0.000378	0.000322	0.000174	0.164	0.00000212	0.000278	0.000755	0.00166	0.0000449
2106 Feb	0.0000106	2.35	7.36	0.063	0.000845	9.32	0.00514	0.0402	0.000378	0.000322	0.000174	0.164	0.00000212	0.000278	0.000755	0.00166	0.0000449
2106 Mar	0.0000106	2.35	7.36	0.063	0.000845	9.32	0.00514	0.0402	0.000378	0.000322	0.000174	0.164	0.00000212	0.000278	0.000755	0.00166	0.0000449
2106 Apr	0.0000106	2.35	7.36	0.063	0.000846	9.32	0.00514	0.0402	0.000378	0.000322	0.000174	0.164	0.00000212	0.000278	0.000755	0.00166	0.0000449
2106 May	0.0000106	2.35	7.38	0.0631	0.000847	9.33	0.00515	0.0402	0.000379	0.000322	0.000174	0.164	0.00000212	0.000278	0.000756	0.00166	0.000045
2106 Jun	0.0000105	2.35	7.16	0.0624	0.000834	9.32	0.00502	0.0399	0.000376	0.000316	0.000172	0.163	0.00000211	0.000278	0.000746	0.00164	0.0000453
2106 Jul	0.0000105	2.36	7.16	0.0624	0.000836	9.34	0.00503	0.0399	0.000375	0.000317	0.000172	0.163	0.00000211	0.000279	0.000745	0.00164	0.0000455
2106 Aug	0.0000105	2.36	7.23	0.0624	0.000843	9.33	0.00508	0.0399	0.000374	0.000319	0.000173	0.163	0.00000211	0.000281	0.000746	0.00164	0.0000455
2106 Sep	0.0000106	2.36	7.28	0.0623	0.000849	9.32	0.00512	0.0397	0.000371	0.00032	0.000174	0.163	0.00000211	0.000283	0.000743	0.00164	0.0000455
2106 Oct	0.0000106	2.37	7.32	0.0623	0.000854	9.31	0.00515	0.0397	0.00037	0.000321	0.000175	0.164	0.00000211	0.000284	0.000743	0.00164	0.0000455
2106 Nov	0.0000106	2.37	7.33	0.0623	0.000855	9.31	0.00516	0.0397	0.00037	0.000322	0.000175	0.164	0.00000211	0.000284	0.000743	0.00164	0.0000455
2106 Dec	0.0000106	2.37	7.33	0.0623	0.000855	9.31	0.00516	0.0397	0.00037	0.000322	0.000175	0.164	0.00000211	0.000284	0.000743	0.00164	0.0000455
2107 Jan	0.0000106	2.37	7.33	0.0623	0.000855	9.31	0.00516	0.0397	0.00037	0.000322	0.000175	0.164	0.00000211	0.000284	0.000743	0.00164	0.0000455
2107 Feb	0.0000106	2.37	7.33	0.0623	0.000855	9.31	0.00516	0.0397	0.00037	0.000322	0.000175	0.164	0.00000211	0.000284	0.000743	0.00164	0.0000455
2107 Mar	0.0000106	2.37	7.33	0.0623	0.000855	9.31	0.00516	0.0397	0.00037	0.000322	0.000175	0.164	0.00000211	0.000284	0.000743	0.00164	0.0000455
2107 Apr	0.0000106	2.37	7.34	0.0623	0.000855	9.31	0.00516	0.0397	0.00037	0.000322	0.000175	0.164	0.00000211	0.000284	0.000743	0.00164	0.0000455
2107 May	0.0000106	2.37	7.29	0.0623	0.000852	9.31	0.00513	0.0397	0.00037	0.00032	0.000174	0.164	0.00000211	0.000284	0.000742	0.00164	0.0000456
2107 Jun	0.0000105	2.37	7.12	0.0619	0.00084	9.32	0.00502	0.0396	0.00037	0.000316	0.000173	0.163	0.00000211	0.000283	0.000737	0.00163	0.0000459

Appendix D.3-4: FZONE

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2107 Jul	0.0000105	2.38	7.18	0.0621	0.000846	9.33	0.00506	0.0396	0.00037	0.000318	0.000174	0.163	0.00000211	0.000284	0.000739	0.00163	0.0000459
2107 Aug	0.0000105	2.38	7.23	0.0623	0.000851	9.34	0.0051	0.0396	0.000371	0.000319	0.000174	0.164	0.00000211	0.000286	0.000741	0.00164	0.0000459
2107 Sep	0.0000106	2.39	7.3	0.0625	0.000858	9.34	0.00515	0.0396	0.000371	0.000322	0.000175	0.164	0.00000211	0.000287	0.000742	0.00164	0.0000459
2107 Oct	0.0000106	2.39	7.37	0.0626	0.000863	9.34	0.0052	0.0396	0.00037	0.000323	0.000176	0.165	0.00000211	0.000288	0.000743	0.00164	0.0000458
2107 Nov	0.0000106	2.39	7.38	0.0626	0.000864	9.33	0.0052	0.0396	0.00037	0.000324	0.000176	0.165	0.00000211	0.000289	0.000743	0.00164	0.0000458
2107 Dec	0.0000106	2.39	7.39	0.0626	0.000865	9.33	0.00521	0.0396	0.00037	0.000324	0.000176	0.165	0.00000211	0.000289	0.000744	0.00164	0.0000458
2108 Jan	0.0000106	2.39	7.39	0.0626	0.000865	9.33	0.00521	0.0396	0.00037	0.000324	0.000177	0.165	0.00000211	0.000289	0.000744	0.00164	0.0000458
2108 Feb	0.0000106	2.39	7.39	0.0626	0.000865	9.33	0.00521	0.0396	0.00037	0.000324	0.000177	0.165	0.00000211	0.000289	0.000744	0.00164	0.0000458
2108 Mar	0.0000106	2.39	7.39	0.0626	0.000866	9.33	0.00521	0.0396	0.00037	0.000324	0.000177	0.165	0.00000211	0.000289	0.000744	0.00164	0.0000458
2108 Apr	0.0000106	2.39	7.39	0.0626	0.000866	9.34	0.00521	0.0396	0.00037	0.000324	0.000177	0.165	0.00000211	0.000289	0.000744	0.00164	0.0000458
2108 May	0.0000106	2.4	7.4	0.0627	0.000867	9.35	0.00522	0.0396	0.00037	0.000324	0.000177	0.165	0.00000212	0.000289	0.000745	0.00165	0.0000459
2108 Jun	0.0000106	2.39	7.3	0.0623	0.000859	9.32	0.00516	0.0396	0.000369	0.000322	0.000176	0.164	0.00000212	0.000288	0.000741	0.00164	0.0000458
2108 Jul	0.0000106	2.4	7.33	0.0624	0.000863	9.34	0.00518	0.0397	0.000369	0.000323	0.000176	0.165	0.00000212	0.000289	0.000743	0.00165	0.0000459
2108 Aug	0.0000107	2.41	7.38	0.0627	0.000868	9.37	0.00522	0.0398	0.00037	0.000325	0.000177	0.165	0.00000213	0.000291	0.000745	0.00165	0.000046
2108 Sep	0.0000107	2.41	7.45	0.0628	0.000874	9.37	0.00526	0.0398	0.00037	0.000327	0.000178	0.166	0.00000213	0.000292	0.000747	0.00166	0.000046
2108 Oct	0.0000107	2.41	7.48	0.0627	0.000877	9.34	0.00529	0.0397	0.000368	0.000328	0.000178	0.166	0.00000212	0.000292	0.000746	0.00165	0.0000459
2108 Nov	0.0000107	2.41	7.48	0.0627	0.000878	9.34	0.00529	0.0397	0.000368	0.000328	0.000178	0.166	0.00000212	0.000293	0.000745	0.00165	0.0000458
2108 Dec	0.0000107	2.41	7.49	0.0627	0.000878	9.34	0.00529	0.0397	0.000368	0.000328	0.000178	0.166	0.00000212	0.000293	0.000745	0.00165	0.0000458
2109 Jan	0.0000107	2.41	7.49	0.0627	0.000879	9.34	0.00529	0.0397	0.000368	0.000328	0.000178	0.166	0.00000212	0.000293	0.000745	0.00165	0.0000458
2109 Feb	0.0000107	2.41	7.49	0.0627	0.000879	9.34	0.00529	0.0397	0.000368	0.000328	0.000178	0.166	0.00000212	0.000293	0.000745	0.00165	0.0000458
2109 Mar	0.0000107	2.41	7.49	0.0627	0.000879	9.34	0.0053	0.0397	0.000368	0.000328	0.000178	0.166	0.00000212	0.000293	0.000746	0.00165	0.0000458
2109 Apr	0.0000107	2.41	7.49	0.0627	0.000879	9.34	0.0053	0.0397	0.000368	0.000328	0.000178	0.166	0.00000212	0.000293	0.000746	0.00166	0.0000458
2109 May	0.0000107	2.41	7.45	0.0627	0.000875	9.34	0.00526	0.0398	0.000369	0.000327	0.000178	0.166	0.00000213	0.000292	0.000746	0.00166	0.0000458
2109 Jun	0.0000107	2.41	7.34	0.0627	0.000866	9.33	0.00519	0.04	0.000371	0.000324	0.000177	0.165	0.00000213	0.000291	0.000746	0.00165	0.0000456
2109 Jul	0.0000107	2.41	7.42	0.0629	0.000873	9.34	0.00524	0.04	0.000371	0.000327	0.000178	0.166	0.00000213	0.000292	0.000748	0.00166	0.0000456
2109 Aug	0.0000108	2.42	7.49	0.0631	0.00088	9.34	0.00529	0.04	0.000371	0.000329	0.000179	0.167	0.00000213	0.000294	0.00075	0.00166	0.0000456
2109 Sep	0.0000108	2.42	7.57	0.0632	0.000887	9.33	0.00535	0.04	0.00037	0.000331	0.00018	0.167	0.00000213	0.000295	0.000751	0.00167	0.0000455
2109 Oct	0.0000108	2.42	7.55	0.0629	0.000888	9.29	0.00534	0.04	0.000368	0.00033	0.00018	0.167	0.00000213	0.000296	0.000747	0.00166	0.0000453
2109 Nov	0.0000108	2.42	7.56	0.0629	0.000889	9.29	0.00535	0.04	0.000367	0.00033	0.00018	0.167	0.00000213	0.000296	0.000747	0.00166	0.0000453
2109 Dec	0.0000108	2.42	7.57	0.0629	0.000889	9.29	0.00535	0.04	0.000367	0.000331	0.00018	0.167	0.00000213	0.000296	0.000747	0.00166	0.0000453
2110 Jan	0.0000108	2.42	7.57	0.0629	0.00089	9.29	0.00535	0.04	0.000367	0.000331	0.00018	0.167	0.00000213	0.000296	0.000747	0.00166	0.0000453
2110 Feb	0.0000108	2.42	7.57	0.0629	0.00089	9.29	0.00535	0.04	0.000367	0.000331	0.00018	0.167	0.00000213	0.000296	0.000747	0.00166	0.0000453
2110 Mar	0.0000108	2.42	7.57	0.0629	0.00089	9.29	0.00535	0.04	0.000367	0.000331	0.00018	0.167	0.00000213	0.000296	0.000747	0.00166	0.0000453
2110 Apr	0.0000108	2.42	7.57	0.0629	0.00089	9.29	0.00535	0.04	0.000367	0.000331	0.00018	0.167	0.00000213	0.000296	0.000747	0.00166	0.0000453
2110 May	0.0000108	2.43	7.59	0.063	0.000892	9.29	0.00537	0.04	0.000368	0.000331	0.00018	0.167	0.00000213	0.000297	0.000748	0.00166	0.0000453
2110 Jun	0.0000108	2.43	7.44	0.0631	0.00088	9.27	0.00526	0.0402	0.000372	0.000327	0.000179	0.167	0.00000213	0.000295	0.000748	0.00165	0.0000451
2110 Jul	0.0000108	2.44	7.47	0.0633	0.000883	9.29	0.00528	0.0402	0.000373	0.000328	0.000179	0.167	0.00000213	0.000296	0.000749	0.00166	0.0000452
2110 Aug	0.0000107	2.44	7.4	0.0629	0.00088	9.26	0.00524	0.0401	0.00037	0.000326	0.000179	0.167	0.00000213	0.000297	0.000743	0.00165	0.0000452
2110 Sep	0.0000107	2.44	7.36	0.0623	0.000882	9.23	0.00523	0.0399	0.000365	0.000324	0.000178	0.166	0.00000213	0.000298	0.000734	0.00164	0.0000453
2110 Oct	0.0000107	2.44	7.3	0.0617	0.000882	9.21	0.0052	0.0397	0.00036	0.000321	0.000178	0.166	0.00000212	0.000299	0.000725	0.00163	0.0000455
2110 Nov	0.0000107	2.44	7.29	0.0615	0.000883	9.2	0.0052	0.0397	0.000358	0.000321	0.000178	0.166	0.00000212	0.0003	0.000723	0.00162	0.0000456
2110 Dec	0.0000107	2.44	7.3	0.0615	0.000884	9.2	0.0052	0.0397	0.000358	0.000321	0.000178	0.166	0.00000212	0.0003	0.000723	0.00162	0.0000456
2111 Jan	0.0000107	2.44	7.3	0.0615	0.000884	9.2	0.0052	0.0397	0.000358	0.000321	0.000178	0.166	0.00000212	0.0003	0.000723	0.00162	0.0000456
2111 Feb	0.0000107	2.44	7.3	0.0615	0.000884	9.2	0.0052	0.0397	0.000358	0.000321	0.000178	0.166	0.00000212	0.0003	0.000723	0.00162	0.0000456
2111 Mar	0.0000107	2.44	7.3	0.0615	0.000884	9.2	0.0052	0.0397	0.000358	0.000321	0.000178	0.166	0.00000212	0.0003	0.000723	0.00162	0.0000456
2111 Apr	0.0000107	2.44	7.31	0.0616	0.000884	9.21	0.00521	0.0397	0.000358	0.000321	0.000178	0.166	0.00000212	0.0003	0.000724	0.00162	0.0000456
2111 May	0.0000107	2.44	7.28	0.0616	0.000883	9.22	0.00519	0.0397	0.000359	0.000321	0.000178	0.166	0.00000212	0.0003	0.000724	0.00162	0.0000457
2111 Jun	0.0000106	2.45	7.11	0.0614	0.000872	9.23	0.00507	0.0397	0.00036	0.000316	0.000176	0.165	0.00000212	0.000299	0.000719	0.00161	0.000046
2111 Jul	0.0000106	2.46	7.16	0.0616	0.000877	9.25	0.00511	0.0398	0.000361	0.000318	0.000177	0.166	0.00000213	0.000301	0.000722	0.00162	0.0000461
2111 Aug	0.0000107	2.46	7.23	0.0617	0.000884	9.24	0.00517	0.0397	0.00036	0.00032	0.000178	0.166	0.00000213	0.000303	0.000722	0.00162	0.000046
2111 Sep	0.0000107	2.47	7.31	0.0618	0.000892	9.23	0.00522	0.0397	0.000359	0.000322	0.000179	0.167	0.00000213	0.000305	0.000723	0.00162	0.000046
2111 Oct	0.0000107	2.47	7.32	0.0617	0.000895	9.22	0.00523	0.0396	0.000357	0.000322	0.000179	0.167	0.00000213	0.000306	0.00072	0.00162	0.000046
2111 Nov	0.0000107	2.47	7.3	0.0614	0.000896	9.21	0.00522	0.0395	0.000355	0.000321	0.000179	0.167	0.00000212	0.000306	0.000716	0.00161	0.0000461
2111 Dec	0.0000107	2.47	7.31	0.0614	0.000897	9.21	0.00523	0.0395	0.000355	0.000321	0.000179	0.167	0.00000212	0.000306	0.000716	0.00161	0.0000461
2112 Jan	0.0000107	2.47	7.31	0.0614	0.000897	9.21	0.00523	0.0395	0.000355	0.000321	0.000179	0.167	0.00000212	0.000306	0.000716	0.00161	0.0000461
2112 Feb	0.0000107	2.47	7.31	0.0614	0.000897	9.21	0.00523	0.0395	0.000355	0.000321	0.000179	0.167	0.00000212	0.000307	0.000716	0.00161	0.0000461
2112 Mar	0.0000107	2.47	7.31	0.0614	0.000897	9.21	0.00523	0.0395	0.000355	0.000321	0.000179	0.167	0.00000212	0.000307	0.000717	0.00161	0.0000461
2112 Apr	0.0000107	2.47	7.32	0.0615	0.000898	9.21	0.00523	0.0395	0.000355	0.000321	0.00018	0.167	0.00000212	0.000307	0.000717	0.00161	0.0000461
2112 May	0.0000107	2.48	7.31	0.0616	0.000898	9.22	0.00523	0.0395	0.000356	0.000321	0.00018	0.167	0.00000213	0.000307	0.000717	0.00161	0.0000461
2112 Jun	0.0000105	2.49	7.09	0.0615	0.000884	9.22	0.00509	0.0393	0.000358	0.000315	0.000178	0.167	0.00000212	0.000307	0.000713	0.00159	0.0000466
2112 Jul	0.0000106	2.5	7.14	0.0616	0.00089	9.23	0.00513	0.0393	0.000358	0.000317	0.000179	0.167	0.00000212	0.000309	0.000714	0.00159	0.0000467
2112 Aug	0.0000106	2.5	7.23	0.0619	0.000898	9.25	0.00519	0.0393	0.000359	0.000319	0.00018	0.168	0.00000212	0.000311	0.000717	0.0016	0.0000467
2112 Sep	0.0000107	2.51	7.36	0.0621	0.00091	9.24	0.00528	0.0393	0.000358	0.000323	0.000182	0.169	0.00000212	0.000314	0.000719	0.0016	0.0000466
2112 Oct	0.0000107	2.52	7.45	0.0623	0.000918	9.23	0.00534	0.0393	0.000358	0.000326	0.000183	0.169	0.00000212	0.000315	0.000721	0.00161	0.0000466
2112 Nov	0.0000107	2.52	7.48	0.0624	0.000921	9.22	0.00536	0.0392	0.000357	0.000327	0.000184	0.17	0.00000212	0.000316	0.000722	0.00161	0.0000466
2112 Dec	0.0000107	2.52	7.49	0.0624	0.000921	9.22	0.00537	0.0392	0.000357	0.000327	0.000184	0.17	0.00000212	0.000316	0.000722	0.00161	0.0000466
2113 Jan	0.0000107	2.52	7.49	0.0624	0.000922	9.22	0.00537	0.0392	0.000357	0.000327	0.000184	0.17	0.00000212	0.000316	0.000722	0.00161	0.0000466
2113 Feb	0.0000107	2.52	7.49	0.0624	0.000922	9.22	0.00537	0.0392	0.000357	0.000327	0.000184	0.17	0.00000212	0.000316	0.000722	0.00161	0.0000466
2113 Mar	0.0000107	2.52	7.49	0.0624	0.000922	9.22	0.00537	0.0392	0.000357	0.000327	0.000184	0.17	0.00000212	0.000316	0.000722	0.00161	0.0000466
2113 Apr	0.0000107	2.52	7.5	0.0624	0.000922	9.23	0.00537	0.0393	0.000358	0.000327	0.000184	0.17	0.00000212	0.000316	0.000722	0.00161	0.0000466
2113 May	0.0000108	2.52	7.51	0.0626	0.000923	9.23	0.00538	0.0393	0.000359	0.000327	0.000184	0.17	0.00000212	0.000317	0.000723	0.00161	0.0000466
2113 Jun	0.0000107	2.53	7.39	0.0627	0.000914	9.24	0.0053	0.0393	0.000362	0.000325	0.000183	0.17	0.00000212	0.000316	0.000724	0.0016	0.0000468
2113 Jul	0.0000107	2.54	7.44	0.0629	0.000919	9.26	0.00534	0.0393	0.000363	0.000326	0.000184	0.171	0.00000213	0.000318	0.000726	0.00161	0.0000468
2113 Aug	0.0000108	2.54	7.52	0.0631	0.000927	9.27	0.00539	0.0394	0.000363	0.000329	0.000185	0.171	0.00000213	0.00032	0.000728	0.00161	0.0000469
2113 Sep	0.0000108	2.55	7.6	0.0633	0.000934	9.26	0.00545	0.0393	0.000362	0.000331	0.000186	0.172	0.00000213	0.000321	0.00073	0.00161	0.0000468
2113 Oct	0.0000108	2.55	7.59	0.063	0.000936	9.23	0.00545	0.0392	0.00036	0.00033	0.000186	0.171	0.00000212	0.000322	0.000726	0.00161	0.0000468
2113 Nov	0.0000108	2.55	7.59	0.0629	0.000937	9.23	0.00544	0.0392	0.000359	0.00033	0.000186	0.171	0.00000212	0.000322	0.000725	0.0016	0.0000468

Appendix D.3-4: FZONE

Constituents	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2113 Dec	0.0000108	2.55	7.59	0.0629	0.000937	9.23	0.00545	0.0392	0.000359	0.00033	0.000186	0.171	0.00000212	0.000323	0.000725	0.0016	0.0000468
2114 Jan	0.0000108	2.55	7.59	0.063	0.000937	9.23	0.00545	0.0392	0.000359	0.00033	0.000186	0.172	0.00000212	0.000323	0.000725	0.0016	0.0000468
2114 Feb	0.0000108	2.55	7.59	0.063	0.000937	9.23	0.00545	0.0392	0.000359	0.00033	0.000186	0.172	0.00000212	0.000323	0.000725	0.0016	0.0000468
2114 Mar	0.0000108	2.55	7.59	0.063	0.000937	9.23	0.00545	0.0392	0.000359	0.00033	0.000186	0.172	0.00000212	0.000323	0.000725	0.00161	0.0000468
2114 Apr	0.0000108	2.55	7.59	0.063	0.000938	9.23	0.00545	0.0392	0.000359	0.00033	0.000186	0.172	0.00000212	0.000323	0.000725	0.00161	0.0000468
2114 May	0.0000108	2.55	7.58	0.0631	0.000938	9.23	0.00544	0.0392	0.00036	0.00033	0.000186	0.172	0.00000212	0.000323	0.000726	0.0016	0.0000469
2114 Jun	0.0000108	2.56	7.55	0.0633	0.000937	9.25	0.00542	0.0392	0.000362	0.000329	0.000186	0.172	0.00000212	0.000324	0.000727	0.0016	0.000047
2114 Jul	0.0000108	2.57	7.61	0.0636	0.000944	9.27	0.00547	0.0393	0.000363	0.000331	0.000188	0.173	0.00000213	0.000326	0.00073	0.00161	0.0000471
2114 Aug	0.0000109	2.59	7.7	0.0639	0.000952	9.3	0.00552	0.0394	0.000364	0.000334	0.000189	0.174	0.00000214	0.000328	0.000733	0.00161	0.0000472
2114 Sep	0.0000109	2.59	7.81	0.0641	0.000961	9.28	0.0056	0.0393	0.000363	0.000337	0.00019	0.174	0.00000213	0.00033	0.000735	0.00162	0.0000471
2114 Oct	0.000011	2.59	7.91	0.0642	0.000971	9.26	0.00567	0.0393	0.000362	0.00034	0.000192	0.175	0.00000213	0.000332	0.000736	0.00162	0.000047
2114 Nov	0.000011	2.59	7.96	0.0642	0.000976	9.24	0.00571	0.0392	0.000361	0.000341	0.000192	0.175	0.00000213	0.000333	0.000736	0.00162	0.0000469
2114 Dec	0.000011	2.59	7.96	0.0642	0.000976	9.24	0.00571	0.0392	0.000361	0.000341	0.000192	0.175	0.00000213	0.000333	0.000736	0.00162	0.0000469
2115 Jan	0.000011	2.59	7.96	0.0642	0.000976	9.24	0.00571	0.0392	0.000361	0.000341	0.000192	0.175	0.00000213	0.000333	0.000736	0.00162	0.0000469
2115 Feb	0.000011	2.59	7.97	0.0642	0.000976	9.24	0.00571	0.0392	0.000361	0.000341	0.000192	0.175	0.00000213	0.000333	0.000736	0.00162	0.0000469
2115 Mar	0.000011	2.59	7.97	0.0642	0.000977	9.24	0.00571	0.0392	0.000361	0.000341	0.000192	0.175	0.00000213	0.000333	0.000736	0.00162	0.0000469
2115 Apr	0.000011	2.6	7.97	0.0642	0.000977	9.24	0.00571	0.0392	0.000361	0.000341	0.000192	0.175	0.00000213	0.000333	0.000737	0.00162	0.0000469
2115 May	0.000011	2.6	7.93	0.0643	0.000974	9.25	0.00569	0.0393	0.000362	0.00034	0.000192	0.175	0.00000213	0.000333	0.000736	0.00162	0.0000469
2115 Jun	0.000011	2.6	7.9	0.0644	0.000972	9.26	0.00566	0.0394	0.000363	0.000339	0.000192	0.175	0.00000213	0.000333	0.000738	0.00162	0.0000469
2115 Jul	0.000011	2.61	7.94	0.0646	0.000977	9.29	0.00569	0.0395	0.000364	0.000341	0.000193	0.176	0.00000214	0.000334	0.00074	0.00162	0.000047
2115 Aug	0.000011	2.61	8.01	0.0647	0.000984	9.28	0.00575	0.0394	0.000363	0.000343	0.000194	0.176	0.00000214	0.000335	0.000741	0.00162	0.0000469
2115 Sep	0.0000111	2.62	8.11	0.0649	0.000993	9.27	0.00581	0.0394	0.000363	0.000346	0.000195	0.177	0.00000214	0.000337	0.000743	0.00163	0.0000469
2115 Oct	0.0000111	2.62	8.2	0.0651	0.001	9.26	0.00587	0.0394	0.000363	0.000348	0.000196	0.178	0.00000214	0.000339	0.000744	0.00163	0.0000468
2115 Nov	0.0000111	2.62	8.24	0.0651	0.001	9.25	0.0059	0.0393	0.000362	0.000349	0.000196	0.178	0.00000214	0.00034	0.000745	0.00163	0.0000468
2115 Dec	0.0000111	2.62	8.24	0.0651	0.001	9.25	0.0059	0.0394	0.000362	0.000349	0.000196	0.178	0.00000214	0.00034	0.000745	0.00163	0.0000468
2116 Jan	0.0000111	2.62	8.24	0.0651	0.001	9.25	0.0059	0.0394	0.000362	0.000349	0.000197	0.178	0.00000214	0.00034	0.000745	0.00163	0.0000468
2116 Feb	0.0000111	2.62	8.24	0.0651	0.001	9.25	0.0059	0.0394	0.000362	0.000349	0.000197	0.178	0.00000214	0.00034	0.000745	0.00163	0.0000468
2116 Mar	0.0000111	2.62	8.24	0.0651	0.001	9.25	0.0059	0.0394	0.000362	0.000349	0.000197	0.178	0.00000214	0.00034	0.000745	0.00163	0.0000468
2116 Apr	0.0000111	2.62	8.24	0.0651	0.001	9.26	0.0059	0.0394	0.000362	0.000349	0.000197	0.178	0.00000214	0.00034	0.000745	0.00163	0.0000468
2116 May	0.0000112	2.63	8.28	0.0654	0.00101	9.25	0.00593	0.0394	0.000363	0.000351	0.000197	0.178	0.00000214	0.000341	0.000747	0.00163	0.0000467
2116 Jun	0.000011	2.63	8.03	0.0656	0.000986	9.25	0.00575	0.0396	0.000371	0.000343	0.000195	0.178	0.00000214	0.000338	0.000749	0.00162	0.0000466
2116 Jul	0.0000111	2.64	8.06	0.0659	0.00099	9.28	0.00577	0.0397	0.000372	0.000345	0.000195	0.179	0.00000214	0.000339	0.000751	0.00163	0.0000467
2116 Aug	0.0000111	2.65	8.13	0.0661	0.000997	9.3	0.00582	0.0398	0.000373	0.000347	0.000197	0.179	0.00000215	0.000341	0.000754	0.00163	0.0000468
2116 Sep	0.0000112	2.65	8.21	0.0662	0.001	9.28	0.00587	0.0397	0.000372	0.000349	0.000197	0.18	0.00000214	0.000342	0.000754	0.00163	0.0000467
2116 Oct	0.0000112	2.65	8.26	0.0661	0.00101	9.25	0.00591	0.0397	0.00037	0.00035	0.000198	0.18	0.00000214	0.000343	0.000754	0.00163	0.0000466
2116 Nov	0.0000112	2.65	8.28	0.0662	0.00101	9.25	0.00592	0.0397	0.00037	0.000351	0.000198	0.18	0.00000214	0.000344	0.000754	0.00163	0.0000466
2116 Dec	0.0000112	2.65	8.29	0.0662	0.00101	9.25	0.00593	0.0397	0.00037	0.000351	0.000198	0.18	0.00000214	0.000344	0.000754	0.00163	0.0000466
2117 Jan	0.0000112	2.65	8.29	0.0662	0.00101	9.25	0.00593	0.0397	0.00037	0.000351	0.000198	0.18	0.00000214	0.000344	0.000754	0.00163	0.0000466
2117 Feb	0.0000112	2.65	8.29	0.0662	0.00101	9.25	0.00593	0.0397	0.00037	0.000351	0.000198	0.18	0.00000214	0.000344	0.000754	0.00163	0.0000466
2117 Mar	0.0000112	2.65	8.29	0.0662	0.00101	9.25	0.00593	0.0397	0.00037	0.000351	0.000198	0.18	0.00000214	0.000344	0.000754	0.00163	0.0000466
2117 Apr	0.0000112	2.66	8.29	0.0662	0.00101	9.25	0.00593	0.0397	0.00037	0.000351	0.000199	0.18	0.00000214	0.000344	0.000754	0.00163	0.0000466
2117 May	0.0000112	2.66	8.28	0.0663	0.00101	9.26	0.00592	0.0397	0.000371	0.000351	0.000198	0.18	0.00000214	0.000344	0.000755	0.00163	0.0000466
2117 Jun	0.0000112	2.66	8.18	0.0663	0.00101	9.27	0.00585	0.0399	0.000373	0.000348	0.000197	0.18	0.00000215	0.000343	0.000755	0.00163	0.0000467
2117 Jul	0.0000112	2.67	8.23	0.0665	0.00101	9.3	0.00589	0.04	0.000374	0.00035	0.000198	0.181	0.00000215	0.000345	0.000757	0.00164	0.0000468
2117 Aug	0.0000112	2.68	8.28	0.0667	0.00102	9.31	0.00593	0.04	0.000374	0.000352	0.000199	0.181	0.00000216	0.000346	0.00076	0.00164	0.0000468
2117 Sep	0.0000113	2.68	8.35	0.0669	0.00102	9.31	0.00598	0.04	0.000374	0.000354	0.0002	0.182	0.00000216	0.000348	0.000761	0.00164	0.0000468
2117 Oct	0.0000113	2.68	8.42	0.067	0.00103	9.3	0.00602	0.04	0.000374	0.000355	0.000201	0.182	0.00000216	0.000349	0.000762	0.00164	0.0000467
2117 Nov	0.0000113	2.68	8.43	0.067	0.00103	9.3	0.00603	0.0399	0.000373	0.000356	0.000201	0.182	0.00000215	0.000349	0.000762	0.00164	0.0000467
2117 Dec	0.0000113	2.68	8.44	0.067	0.00103	9.3	0.00603	0.0399	0.000373	0.000356	0.000201	0.182	0.00000215	0.000349	0.000762	0.00164	0.0000467
2118 Jan	0.0000113	2.68	8.44	0.067	0.00103	9.3	0.00604	0.0399	0.000373	0.000356	0.000201	0.182	0.00000215	0.000349	0.000762	0.00164	0.0000467
2118 Feb	0.0000113	2.68	8.44	0.067	0.00103	9.3	0.00604	0.0399	0.000373	0.000356	0.000201	0.182	0.00000215	0.000349	0.000762	0.00164	0.0000467
2118 Mar	0.0000113	2.68	8.44	0.067	0.00103	9.3	0.00604	0.0399	0.000373	0.000356	0.000201	0.182	0.00000215	0.000349	0.000762	0.00164	0.0000467
2118 Apr	0.0000113	2.68	8.44	0.067	0.00103	9.3	0.00604	0.04	0.000373	0.000356	0.000201	0.182	0.00000216	0.000349	0.000763	0.00164	0.0000467
2118 May	0.0000113	2.68	8.35	0.0673	0.00102	9.31	0.00596	0.0401	0.000378	0.000353	0.0002	0.182	0.00000216	0.000347	0.000765	0.00164	0.0000466
2118 Jun	0.0000112	2.68	8.11	0.0677	0.000998	9.32	0.00579	0.0404	0.000387	0.000347	0.000198	0.182	0.00000216	0.000343	0.000769	0.00164	0.0000464
2118 Jul	0.0000112	2.69	8.16	0.0679	0.001	9.35	0.00582	0.0405	0.000388	0.000349	0.000199	0.182	0.00000216	0.000345	0.000772	0.00164	0.0000466
2118 Aug	0.0000113	2.7	8.25	0.0681	0.00101	9.34	0.00589	0.0405	0.000387	0.000351	0.0002	0.183	0.00000216	0.000346	0.000774	0.00165	0.0000465
2118 Sep	0.0000113	2.7	8.28	0.068	0.00102	9.31	0.00591	0.0404	0.000386	0.000352	0.0002	0.183	0.00000216	0.000347	0.000772	0.00164	0.0000463
2118 Oct	0.0000113	2.7	8.29	0.068	0.00102	9.3	0.00592	0.0404	0.000385	0.000352	0.000201	0.183	0.00000216	0.000349	0.000771	0.00164	0.0000464
2118 Nov	0.0000113	2.71	8.29	0.0679	0.00102	9.29	0.00592	0.0403	0.000384	0.000352	0.000201	0.183	0.00000216	0.000349	0.00077	0.00164	0.0000464
2118 Dec	0.0000113	2.71	8.29	0.0679	0.00102	9.29	0.00592	0.0403	0.000384	0.000352	0.000201	0.183	0.00000216	0.000349	0.00077	0.00164	0.0000464
2119 Jan	0.0000113	2.71	8.3	0.0679	0.00102	9.29	0.00592	0.0403	0.000384	0.000352	0.000201	0.183	0.00000216	0.000349	0.00077	0.00164	0.0000464
2119 Feb	0.0000113	2.71	8.3	0.0679	0.00102	9.29	0.00593	0.0403	0.000384	0.000352	0.000201	0.183	0.00000216	0.000349	0.00077	0.00164	0.0000464
2119 Mar	0.0000113	2.71	8.3	0.0679	0.00102	9.29	0.00593	0.0404	0.000384	0.000352	0.000201	0.183	0.00000216	0.000349	0.00077	0.00164	0.0000464
2119 Apr	0.0000113	2.71	8.3	0.068	0.00102	9.3	0.00593	0.0404	0.000384	0.000352	0.000201	0.183	0.00000216	0.000349	0.00077	0.00164	0.0000464
2119 May	0.0000112	2.71	8.17	0.0681	0.00101	9.32	0.00583	0.0405	0.000386	0.000348	0.000199	0.183	0.00000216	0.000348	0.000771	0.00163	0.0000465
2119 Jun	0.0000112	2.72	8.12	0.0682	0.00101	9.33	0.0058	0.0405	0.000387	0.000347	0.000199	0.183	0.00000216	0.000348	0.000771	0.00163	0.0000467
2119 Jul	0.0000112	2.73	8.19	0.0685	0.00102	9.35	0.00585	0.0406	0.000388	0.000349	0.0002	0.184	0.00000216	0.00035	0.000774	0.00163	0.0000468
2119 Aug	0.0000113	2.73	8.26	0.0687	0.00102	9.36	0.0059	0.0406	0.000388	0.000351	0.000201	0.185	0.00000216	0.000352	0.000776	0.00164	0.0000468
2119 Sep	0.0000113	2.74	8.36	0.0688	0.00103	9.34	0.00597	0.0405	0.000387	0.000354	0.000203	0.185	0.00000216	0.000354	0.000777	0.00164	0.0000467
2119 Oct	0.0000113	2.74	8.39	0.0689	0.00104	9.33	0.006	0.0405	0.000386	0.000355	0.000203	0.186	0.00000216	0.000355	0.000777	0.00164	0.0000466
2119 Nov	0.0000113	2.74	8.38	0.0688	0.00104	9.32	0.00599	0.0405	0.000385	0.000354	0.000203	0.185	0.00000216	0.000355	0.000776	0.00164	0.0000467
2119 Dec	0.0000113	2.74	8.38	0.0688	0.00104	9.32	0.00599	0.0405	0.000385	0.000354	0.000203	0.185	0.00000216	0.000355	0.000776	0.00164	0.0000467

APPENDIX B: IMPACT OF FRESHWATER WITHDRAWALS FOR MINE OPERATION AND MINE CLOSURE SCENARIOS ON LAKE VOLUME, LAKE LEVEL AND FLOW

TECHNICAL MEMO

To:	Agnico Eagle
Att.:	Lisa Ramilo
Cc:	Sam Gordon
From:	Patrick Delaney and Michael Yu
DHI ref.:	42804619-03
Project:	Meliadine Lake Watershed Hydrology Modelling
Date:	October 12, 2026
Subject:	Impact of Freshwater Withdrawals for Mine Operation and Mine Closure Scenarios on Lake Volume, Lake Level and Outflow

Key Findings

This memorandum presents additional analysis evaluating how proposed freshwater withdrawals affect Meliadine Lake volume beneath ice cover, lake water level, and lake outflow under Baseline; Mine Operation; and Mine Closure scenarios. Results are compared to DFO protocols and frameworks to evaluate potential effects on fish and fish habitat.

The updated HEC-HMS model improves winter lake-level representation by applying separate outflow rating curves for ice-free and ice-cover conditions.

Under the Mine Operation scenario (2026-2036), the proposed freshwater withdrawals have negligible effects on the monthly lake volume (including under ice lake volumes), water level and discharge.

Under the Mine Closure Scenario (2037-2043), the proposed freshwater withdrawals have negligible effects on the monthly lake volume (including under ice lake volumes) and water level but result in average monthly flow reductions greater than 10% in the outlets for select months (August, September, October). However, these effects are not predicted to occur during a period where instantaneous flows are less than 30% of the Mean Annual Discharge.

Background

Agnico Eagle contracted DHI Water & Environment, Inc. (DHI) to provide professional services in support of the Meliadine Water Licence Amendment. The scope of work focused on hydrological modelling to characterize runoff to Meliadine Lake under historical and future climate conditions. The project objectives were to:

- Develop a hydrology model of the entire Meliadine Lake watershed
- Calibrate and validate this model against historical data
- Quantify runoff entering Meliadine Lake from its watershed over a future 16-year period (2026–2041) using a continuous historical climate record.

- Assess the potential effects of freshwater withdrawals on Meliadine Lake water levels under future mine operations and mine closure conditions.

These objectives were completed and documented in a report (DHI, 2026a) and a supplementary technical memo (DHI, 2026b).

The Department of Fisheries and Oceans reviewed the freshwater withdrawal assessment and requested additional analysis of the potential effects of freshwater withdrawals on lake volume beneath ice cover and on outflow from Meliadine Lake.

The existing HEC-HMS model applies the same outflow rating curves during ice-free and ice-cover conditions. However, Meliadine Lake water level measurements suggest that the rating relationship is likely affected by ice cover, resulting in reduced outflow during winter. Potential model options were therefore explored to provide a more realistic representation of reduced outflow during ice-cover conditions.

The updated model was used to evaluate the freshwater withdrawal scenarios listed below. For each scenario, monthly lake level, lake outflow, total lake volume, and available liquid water volume beneath ice cover were summarized and compared against the applicable baseline condition.

1. Baseline: no mine operation or closure withdrawal.
2. Mine Operation: freshwater withdrawal of 1,110,296 m^3/yr using variable monthly extraction rates based on historical water-use records (from 2026-2036).
3. Mine Closure Scenario: freshwater withdrawal of 8,700,000 m^3/yr using a constant daily extraction rate of 80,556 m3/day from June 15 to September 30 (from 2037 to 2043).

The methodology and model results are summarized in the following sections.

1 Model Update

1.1 Applying Different Rating Curves for Ice-free and Ice-cover Conditions

To allow for different outflow rating curves at different seasons, the reservoir representing Meliadine Lake was updated to use the Rule-based Operations method. Outflows through the Main and West outlets were represented as General Outlets. Minimum and maximum discharge rating curves were used to define the lower bounds of the outflow using ice cover conditions, and the upper bounds of the outflow during ice-free conditions. For a given lake level, the outlet discharge was linearly interpolated between the corresponding discharge values from the minimum and maximum rating curves. When the outlets are fully open, the maximum rating curve is applied; when the outlets are closed, the minimum rating curve is applied. The calibrated minimum (ice cover) rating curves for the Main outlet and the West outlet are shown in Figure 1 with a comparison to the maximum rating curves for ice free conditions. Modelled lake levels from the original single-rating-curve model and the updated two-rating-curve model are compared with measured lake levels in Figure 2. The comparisons are made using climate data from the onsite Camp station and the Rankin Airport station. The modelled lake levels from the updated two-rating-curve model shows a substantially improved match with the measured lake levels for the period from January through May. As a result, the updated model was used for the subsequent analysis of freshwater withdrawals during Mine Operation and Mine Closure periods.

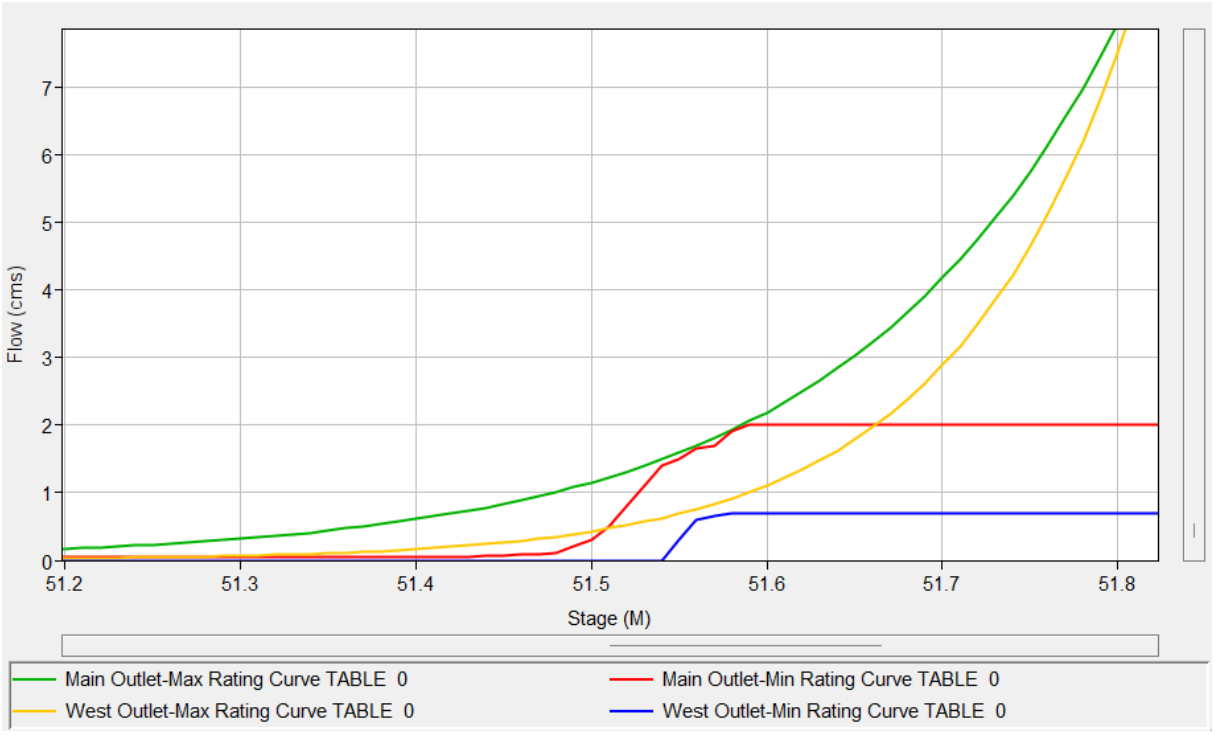


Figure 1 Outflow rating curves for ice-free and ice-cover conditions

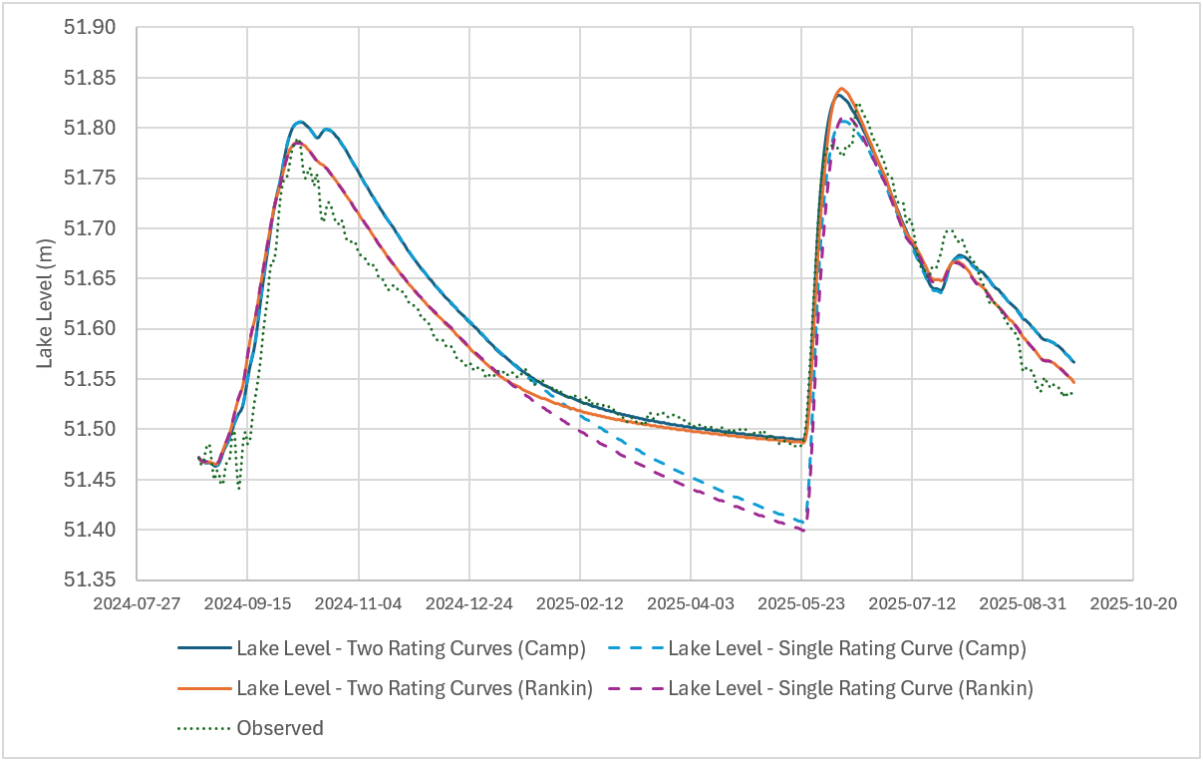


Figure 2 Modelled and measured lake level using rainfall data from both the onsite Camp climate station and the Rankin Airport climate station

1.2 Representing Freshwater Withdrawal

As described in the report (DHI, 2026a), freshwater withdrawal was originally represented as an additional release using a time-series of withdrawal rates. However, additional releases are not supported by the Rule-based Operations method, so the updated model needed to be adapted to account for freshwater withdrawal. Following a review of available options, evaporation was identified as the most suitable option to use for representing water loss from the lake. As a results, freshwater withdrawals were incorporated into the monthly evaporation rates used in the model. The withdrawal volumes were converted to equivalent depths using a representative lake surface area, and these depths were then summarized as monthly averages, and added to the monthly evaporation input. The modelled monthly lake evaporation values for all scenarios are listed in Table 1. In this table, the Baseline scenarios including only evaporation, while the Mine Operation and Mine Closure scenarios include the freshwater withdrawal as part of the total evaporation (expressed in units of mm depth).

Key assumptions used in this assessment include the representative lake surface area used to convert withdrawal volumes to equivalent evaporation depths, the monthly averaging of withdrawal-equivalent evaporation, the use of separate ice-free and ice-cover outflow rating curves, and the ice-volume assumptions described in Section 2.1.

Table 1 Monthly lake evaporation including modelled freshwater withdrawal

Scenario	Baseline 2026-2036 (Evap. only) (mm)	Mine Operation 1.11M m^3/yr 2024 Pattern 2026-2036 (mm)	Baseline 2037-2043 (Evap. Only) (mm)	Mine Closure 8.7M m^3/yr Jun 15 – Sep 30 2037-2043 (mm)
Jan	5.24	6.29	6.07	6.07
Feb	5.60	6.50	6.60	6.60
Mar	7.30	8.27	9.25	9.25
Apr	9.08	10.05	10.64	10.64
May	22.56	23.30	26.37	26.37
Jun	72.76	73.67	76.48	89.31
Jul	90.07	91.20	92.58	119.09
Aug	62.38	63.57	59.84	86.35
Sep	28.39	29.34	30.38	56.03
Oct	16.93	17.89	18.51	18.51
Nov	10.25	11.14	12.36	12.36
Dec	8.24	9.24	10.20	10.20
Total	**338.79**	**350.47**	**359.27**	**450.76**

1.3 Ice Volume Calculations

To evaluate the effect of freshwater withdrawals on liquid water available beneath the ice cover, the model results were post-processed to estimate the portion of total lake storage present as ice during each month. The hydrologic model calculates lake level and total lake storage, but it does not explicitly simulate the formation, growth, or melt of lake ice. Therefore, an independent ice-volume calculation was applied after the model simulations were completed.

For this assessment, ice formation was assumed to begin on November 1, increase linearly to a maximum thickness of 2 m on March 30, and then decrease linearly to 0 m by May 30. Daily ice thickness values were estimated by linear interpolation between these dates.

Total lake volume was calculated from the modelled lake level using the lake stage-storage relationship. The estimated ice volume was then calculated from the assumed ice thickness and the corresponding lake surface area, accounting for the lower density of ice relative to liquid water. The remaining storage was interpreted as liquid water volume beneath the ice. In other words, the total modelled lake storage was separated into two components: water stored as ice cover and water remaining as liquid beneath the ice.

Figure 4 shows the average monthly total water volume and the corresponding estimated liquid water volume for the Baseline (no mine operations) scenario from 2026-2036. The difference between these two values represents the portion of total lake storage estimated to be present as ice cover during winter and spring.

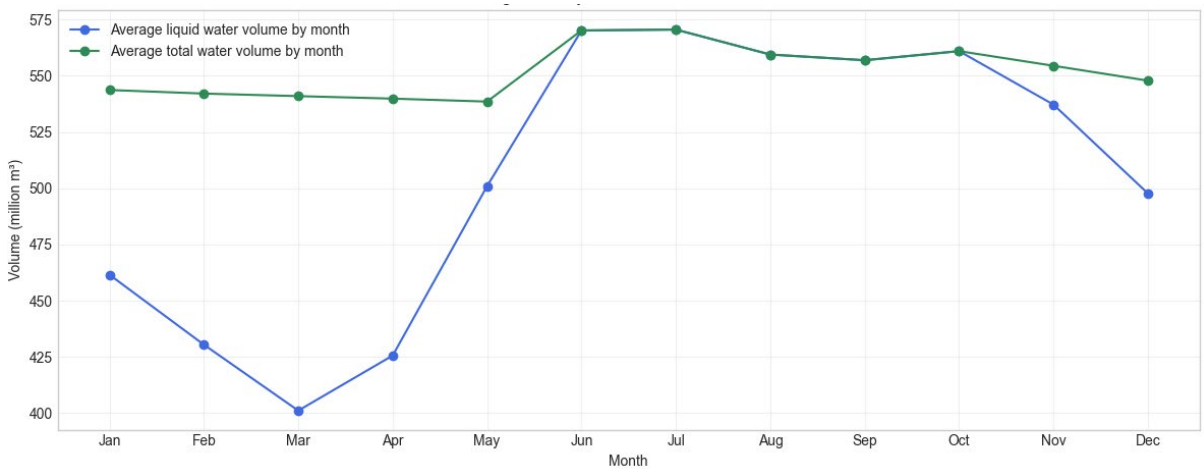


Figure 3 Average monthly lake volumes – Baseline (2026-2036)

2 Model Result Summary

The updated model was run for the scenarios described in Table 2.

Table 2 Model scenarios

Scenario	Freshwater Withdrawal (m^3/yr)	Freshwater Withdrawal Period	Simulation Period	Climate Scenario
Baseline (2026-2036)	0	NA	2026-2036	RCP 8.5
Baseline (2037-2043)	0	NA	2037-2043	RCP 8.5
Mine Operation	1,110,296	All Year	2026-2036	RCP 8.5
Mine Closure	8,700,000	June 15- Sept 30	2037-2043	RCP 8.5

The analysis scenarios were all run using the future climate data from the RCP 8.5 climate scenario. This climate scenario was selected because it represents the potential worst-case scenario for reductions in annual precipitation. That being said, the assumptions about ice formation and thickness on the lake were not adjusted for climate change considerations, nor was the minimum rating curve or the timing of the transition from maximum (ice free) to minimum (ice cover) conditions.

Evaluation Criteria: The following sections compare the Mine Operation and Mine Closure scenarios with their corresponding Baseline scenarios. The assessment focuses on annual average monthly lake volume, water level and outflow.

Primary screening thresholds: Potential effects of freshwater withdrawals were evaluated against the following screening criteria: less than a 10% change in liquid water (under ice) volume (Fisheries and Oceans Canada, 2010), and less than a 10% decrease in outflow at each outlet (Fisheries and Oceans Canada, 2013).

Secondary outflow criterion: Where the monthly outflow reduction exceeds 10% relative to the Baseline scenario, a secondary criterion was applied: the annual average monthly outflow for the Mine Operation or Mine Closure scenario should remain greater than 30% of the mean annual outflow for the period during which the scenario is assessed (e.g. 2026-2036 for the Mine Operations scenario, and 2037-2043 for the Mine Closure scenario) (Fisheries and Oceans Canada, 2013).

Need for further assessment: If the monthly outflow reduction exceeds 10% relative to baseline ***and*** the outflow in that month is less than 30% of mean annual discharge, a more detailed assessment is recommended to evaluate potential effects on ecosystem functions. Such an assessment is outside the current scope of this study.

Seasonal scope for outflow comparisons: For this discussion, monthly outflow comparisons are restricted to the period of June through December, when it is assumed that lake outflow is not significantly inhibited by ice-cover conditions.

2.1 Mine Operation Scenario

The mine operation scenario includes freshwater withdrawal of 1.11 million m^3/yr and effluent discharge of 0.86 million m^3/yr. The recorded monthly distributions for withdrawal and discharge from 2024 were repeated for the 2026 to 2036 simulation period (see Figure 4 below)

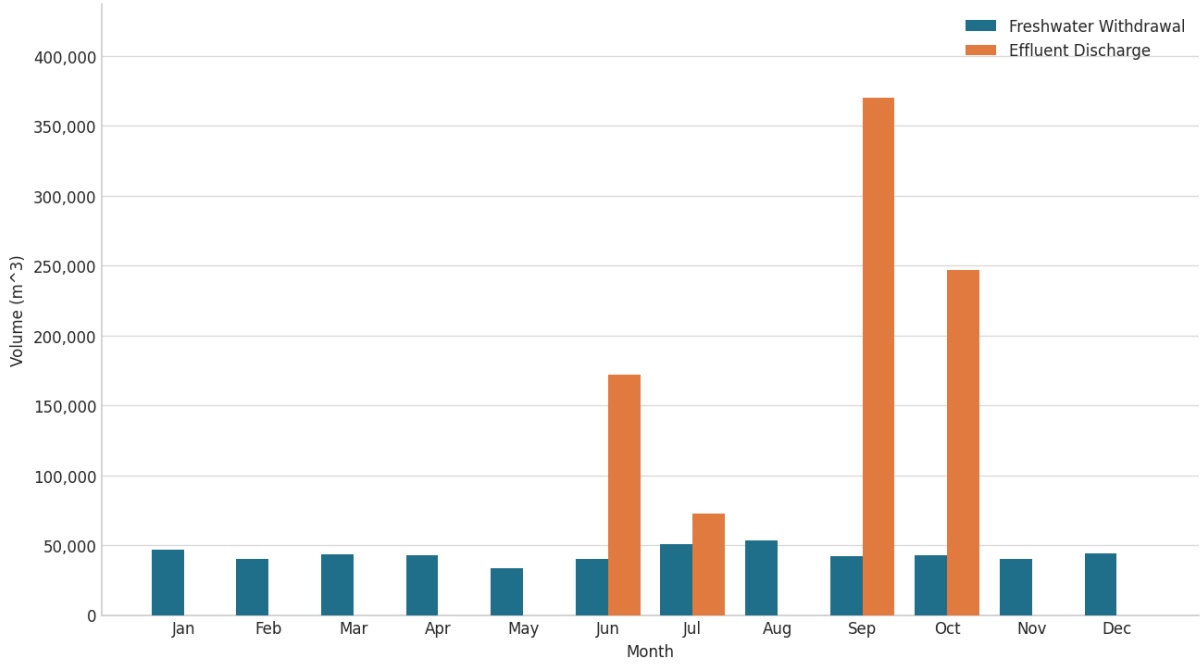


Figure 4 Monthly freshwater withdrawal and effluent discharge volume in 2024

The annual average monthly lake volume, water level, and outflow are summarized in Table 3, Table 4, Table 5 and Table 6, respectively. These results indicate that operational withdrawals have a negligible effect on lake storage, water level and outflows at the monthly scale.

Table 3 Baseline results are also included in these tables, with both absolute and relative changes calculated for comparison. The maximum % decrease in lake volume occurs in May with a 0.061% reduction in absolute volume (including ice cover) and 0.062% reduction in the liquid (under ice) volume. On an annual average basis, stored water volume decreases by 0.018%.

The average annual outflow from the Main Outlet into Meliadine River decreases by 2.1% with the largest monthly decrease of 0.6% occurring in June.

The average annual outflow from the West Outlet decreases by 0.5% with the largest monthly decrease of 0.8% occurring in June.

These results indicate that operational withdrawals have a negligible effect on lake storage, water level and outflows at the monthly scale.

Table 3 Lake volume comparison – Mine Operational Scenario (2026-2036)

Month	Baseline (m^3)	Mine Operational (m^3)	Absolute Change (m^3)	Relative Change (%)	Relative Change Under Ice (%)
January	542,607,475	542,514,848	-92,627	-0.017	-0.017
February	541,189,679	541,052,180	-137,500	-0.025	-0.027
March	540,117,860	539,925,659	-192,201	-0.036	-0.039
April	539,046,128	538,785,905	-260,224	-0.048	-0.052
May	537,678,352	537,350,040	-328,311	-0.061	-0.062
June	569,556,450	569,372,082	-184,368	-0.032	N/A
July	569,147,208	569,105,610	-41,598	-0.007	N/A
August	558,333,655	558,247,546	-86,109	-0.015	N/A
September	557,257,764	557,294,649	36,885	0.007	N/A
October	562,325,158	562,453,379	128,221	0.023	N/A
November	555,349,958	555,394,331	44,373	0.008	0.008
December	548,072,523	548,023,648	-48,875	-0.009	-0.009
Average	**551,723,518**	**551,626,657**	**-96,861**	**-0.018**	**N/A**

Table 4 Lake water level comparison – Mine Operational Scenario (2026-2036)

Month	Baseline (masl)	Mine Operational (masl)	Absolute Change (m)
January	51.491	51.490	-0.0010
February	51.476	51.475	-0.0015
March	51.465	51.463	-0.0020
April	51.453	51.451	-0.0028
May	51.439	51.435	-0.0035
June	51.721	51.720	-0.0016
July	51.730	51.730	-0.0003
August	51.645	51.644	-0.0008
September	51.635	51.636	0.0003
October	51.675	51.676	0.0011
November	51.617	51.617	0.0004
December	51.547	51.547	-0.0005
Average	**51.575**	**51.574**	**-0.0010**

Table 5 Main Outlet (Meliadine River) outflow – Mine Operational Scenario (2026-2036)

Month	Baseline (m^3/day)	Mine Operational (m^3/day)	Absolute Change (m^3/day)	Relative Change (%)
January	57,258	55,661	-1,596	-2.8
February	23,167	21,816	-1,351	-5.8
March	13,058	12,037	-1,020	-7.8
April	7,447	7,032	-415	-5.6
May	18,731	18,260	-471	-2.5
June	585,593	582,046	-3,547	-0.6
July	466,480	465,626	-854	-0.2
August	260,403	259,230	-1,173	-0.5
September	245,296	245,817	521	0.2
October	329,783	331,835	2,052	0.6
November	224,544	225,084	539	0.2
December	140,770	140,305	-465	-0.3
Average	**197,711**	**197,062**	**-648**	**-2.1**

Table 6 West Outlet outflow – Mine Operational Scenario (2026-2036)

Month	Baseline (m^3/day)	Mine Operational (m^3/day)	Absolute Change (m^3/day)	Relative Change (%)
January	7,883	7,811	-72	-0.9
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	4,417	4,273	-144	-3.3
June	589,550	584,861	-4,689	-0.8
July	384,658	383,664	-994	-0.3
August	156,897	155,863	-1,034	-0.7
September	143,795	144,267	473	0.3
October	227,963	229,988	2,025	0.9
November	128,015	128,444	430	0.3
December	63,068	62,752	-315	-0.5
Average	**142,187**	**141,827**	**-360**	**-0.5**

2.2 Mine Closure Scenario – Open-Water Withdrawal

Mine Closure Scenario includes freshwater withdrawal of 8.7 million m^3/yr, distributed evenly from June 15 to September 30. The annual average monthly lake volume, water level, and outflow discharge rate are summarized in Table 7, Table 8, Table 9 and Table 10, respectively.

The maximum decrease in lake volume occurs in September with a reduction of 0.562% of the absolute volume of the lake due to the lower outflow during this month. On an annual average basis, stored water volume decreases by 0.224%.

The average annual outflow from the Main Outlet (Meliadine River) decreases by 6.3% with the largest monthly decrease (during the free flow condition from June through December) of 12.7%, 16.1% and 10.2% occurring in August, September and October, respectively.

Since the decrease in outflow from the Main Outlet (Meliadine River) in August, September and October exceeds the 10% threshold, the outflow for these months must also be evaluated against the secondary criteria whereby the outflow should be greater than 30% of the mean annual discharge. For Meliadine River, the mean annual discharge for the 2037-2043 Baseline scenario is 192,247 m^3/day and 30% of the mean annual discharge is 57,674 m^3/day. The average monthly flow in August, September and October is 259,621 m^3/day, 240,248 m^3/day and 307,638 m^3/day, respectively. The average monthly flow in August through October are well above 30% of the mean annual discharge.

The average annual outflow from the West Outlet decreases by 9.6% with the largest monthly decrease (during the free flow condition from June through December) of 17.8%, 22.7% and 13.8% in August, September and October, respectively.

Since the decrease in outflow from the West Outlet in August through October exceeds the 10% threshold, the outflow for these months must also be evaluated against the secondary criteria whereby the outflow should be greater than 30% of the mean annual discharge. For the West Outflow, the mean annual discharge for the 2037-2043 Baseline scenario is 141,680 m^3/day and 30% of the mean annual discharge is 42,504 m^3/day. The average monthly flow in August, September and October is 130,493 m^3/day, 108,849 m^3/day, and 182,879 m^3/day, respectively. The average monthly flow in August through October is well above 30% of the mean annual discharge.

These results indicate that Mine Closure Scenario meets the under-ice lake volume reduction criteria for freshwater withdrawals during the mine closure period, with some exceedances in criteria for reductions in average monthly flows.

Table 7 Lake volume water balance results – Mine Closure Scenario

Month	Baseline (m^3)	Mine Closure #2 (m^3)	Absolute Change (m^3)	Relative Change (%)	Relative Change Under Ice (%)
January	541,284,633	540,655,424	-629,209	-0.116	-0.121
February	540,053,658	539,467,899	-585,758	-0.108	-0.117
March	538,991,859	538,425,063	-566,797	-0.105	-0.116
April	537,836,560	537,275,797	-560,763	-0.104	-0.113
May	537,137,907	536,584,085	-553,821	-0.103	-0.105
June	567,868,521	567,094,801	-773,720	-0.136	N/A
July	568,908,758	567,442,392	-1,466,366	-0.258	N/A
August	557,948,161	555,408,157	-2,540,003	-0.455	N/A
September	556,681,751	553,550,774	-3,130,977	-0.562	N/A
October	560,418,946	558,189,619	-2,229,327	-0.398	N/A
November	554,867,643	553,804,022	-1,063,620	-0.192	-0.183
December	547,646,491	546,948,908	-697,583	-0.127	-0.127
Average	**550,803,741**	**549,570,578**	**-1,233,162**	**-0.224**	**N/A**

Table 8 Lake water level water balance result – Mine Closure Scenario

Month	Baseline (masl)	With Project (masl)	Absolute Change (m)
January	51.477	51.470	-0.007
February	51.464	51.458	-0.006
March	51.453	51.447	-0.006
April	51.440	51.434	-0.006
May	51.433	51.427	-0.006
June	51.708	51.701	-0.006
July	51.727	51.715	-0.012
August	51.640	51.617	-0.023
September	51.629	51.600	-0.029
October	51.658	51.638	-0.020
November	51.610	51.599	-0.010
December	51.542	51.535	-0.007
Average	**51.565**	**51.554**	**-0.012**

Table 9 Main Outlet (Meliadine River) outflow – Mine Closure Scenario

Month	Baseline (m^3/day)	With Project (m^3/day)	Absolute Change (m^3/day)	Relative Change (%)
January	44,041	41,881	-2,160	-4.9
February	16,530	15,567	-963	-5.8
March	9,355	8,995	-360	-3.8
April	6,366	6,245	-121	-1.9
May	21,920	21,358	-563	-2.6
June	563,320	545,114	-18,207	-3.2
July	470,783	441,699	-29,084	-6.2
August	259,621	226,710	-32,911	-12.7
September	240,248	201,458	-38,790	-16.1
October	307,638	276,216	-31,422	-10.2
November	225,868	214,802	-11,067	-4.9
December	141,278	136,472	-4,806	-3.4
Average	**192,247**	**178,043**	**-14,204**	**-6.3**

Table 10 West Outlet outflow – Mine Closure Scenario

Month	Baseline (m^3/day)	With Project (m^3/day)	Absolute Change (m^3/day)	Relative Change (%)
January	8,346	7,884	-461	-5.5
February	0	0	0	
March	0	0	0	
April	0	0	0	
May	6,852	6,612	-240	-3.5
June	579,364	554,078	-25,286	-4.4
July	394,714	361,584	-33,130	-8.4
August	158,685	130,493	-28,193	-17.8
September	140,859	108,849	-32,010	-22.7
October	212,044	182,879	-29,165	-13.8
November	134,035	125,650	-8,385	-6.3
December	65,257	62,441	-2,817	-4.3
Average	**141,680**	**128,372**	**-13,307**	**-9.6**

3 Summary and Conclusion

The current modelling exercise was used to evaluate potential project related effects on Meliadine Lake hydrologic system during operations and closure against the DFO *Protocol for Winter Withdrawals from Ice-Covered Waterbodies in the Northwest Territories and Nunavut (*2010*),* and the *Framework for Assessing Ecological Flow Requirements to Support Fisheries in Canada (*2013*).*

The updated model provides separate rating curves for ice-free and ice-cover conditions.

Under the Mine Operation scenario, the proposed freshwater withdrawals have negligible effects on the monthly lake volume (including under ice lake volumes), water level and discharge.

Under the Mine Closure Scenario (2037-2043), the proposed freshwater withdrawals have negligible effects on the monthly lake volume (including under ice lake volumes) and water level but result in monthly average flow reductions greater than 10% in the outlets for select months (August, September, October). However, these effects are not predicted to occur during a period where instantaneous flows are less than 30% of the Mean Annual Discharge.

The closure withdrawal volumes, timing, and duration remain subject to refinement as closure planning advances. Once the proposed closure water requirements are better defined, the potential effects will be reassessed through the interim and final closure planning process.

4 References

DHI. (2026a). *Meliadine Lake Hydrology Model Development, Calibration and Analysis.*

DHI. (2026b). *Meliadine Lake Watershed Hydrology Modelling - Mine Closure Scenarios.*

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